



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.	Name			Ref.	x	y	z
x	y	z					
6.20201	3.42406	-4.32656	1	1503	22.00000	19.00000	-0.80000
5.81791	2.99840	-3.40402	1	1504	23.00000	19.00000	-0.80000
5.43088	2.62877	-2.64897	1	1505	24.00000	19.00000	-0.80000
5.05629	2.30969	-2.03144	1	1506	25.00000	19.00000	-0.80000
4.70223	2.03483	-1.52645	1	1507	26.00000	19.00000	-0.80000
4.37236	1.79805	-1.11343	1	1508	27.00000	19.00000	-0.80000
4.06770	1.59379	-0.77556	1	1509	28.00000	19.00000	-0.80000
3.78776	1.41721	-0.49913	1	1510	29.00000	19.00000	-0.80000
3.53129	1.26415	-0.27300	1	1511	30.00000	19.00000	-0.80000
3.29663	1.13111	-0.08817	1	1512	-40.00000	26.00000	-0.80000
-0.89973	0.27562	0.49984	1	1513	-39.00000	26.00000	-0.80000
-0.93461	0.29250	0.51243	1	1514	-38.00000	26.00000	-0.80000
-0.97144	0.31076	0.52477	1	1515	-37.00000	26.00000	-0.80000
-1.01036	0.33052	0.53677	1	1516	-36.00000	26.00000	-0.80000
-1.05151	0.35195	0.54828	1	1517	-35.00000	26.00000	-0.80000
-1.09505	0.37521	0.55915	1	1518	-34.00000	26.00000	-0.80000
-1.14116	0.40051	0.56921	1	1519	-33.00000	26.00000	-0.80000
-1.19001	0.42806	0.57824	1	1520	-32.00000	26.00000	-0.80000
-1.24181	0.45810	0.58599	1	1521	-31.00000	26.00000	-0.80000
-1.29676	0.49092	0.59220	1	1522	-30.00000	26.00000	-0.80000
-1.35510	0.52682	0.59652	1	1523	-29.00000	26.00000	-0.80000
-1.41707	0.56617	0.59859	1	1524	-28.00000	26.00000	-0.80000
-1.48292	0.60935	0.59797	1	1525	-27.00000	26.00000	-0.80000
-1.55293	0.65682	0.59415	1	1526	-26.00000	26.00000	-0.80000
-1.62738	0.70910	0.58654	1	1527	-25.00000	26.00000	-0.80000
-1.70659	0.76676	0.57449	1	1528	-24.00000	26.00000	-0.80000
-1.79084	0.83048	0.55721	1	1529	-23.00000	26.00000	-0.80000
-1.88048	0.90099	0.53380	1	1530	-22.00000	26.00000	-0.80000
-1.97580	0.97915	0.50321	1	1531	-21.00000	26.00000	-0.80000
-2.07714	1.06592	0.46424	1	1532	-20.00000	26.00000	-0.80000
-2.18476	1.16241	0.41548	1	1533	-19.00000	26.00000	-0.80000
-2.29895	1.26986	0.35532	1	1534	-18.00000	26.00000	-0.80000
-2.41990	1.38968	0.28184	1	1535	-17.00000	26.00000	-0.80000
-2.54774	1.52344	0.19285	1	1536	-16.00000	26.00000	-0.80000
-2.68248	1.67295	0.08578	1	1537	-15.00000	26.00000	-0.80000
-2.82397	1.84021	-0.04239	1				



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Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
-2.97182	2.02747	-0.19513	1	1538	-14.00000	26.00000	-0.80000
-3.12529	2.23724	-0.37652	1	1539	-13.00000	26.00000	-0.80000
-3.28321	2.47228	-0.59126	1	1540	-12.00000	26.00000	-0.80000
-3.44371	2.73564	-0.84474	1	1541	-11.00000	26.00000	-0.80000
-3.60396	3.03062	-1.14307	1	1542	-10.00000	26.00000	-0.80000
-3.75974	3.36068	-1.49294	1	1543	-9.00000	26.00000	-0.80000
-3.90479	3.72924	-1.90140	1	1544	-8.00000	26.00000	-0.80000
-4.03000	4.13923	-2.37513	1	1545	-7.00000	26.00000	-0.80000
-4.12244	4.59213	-2.91920	1	1546	-6.00000	26.00000	-0.80000
-4.16479	5.08629	-3.53450	1	1547	-5.00000	26.00000	-0.80000
-4.13606	5.61431	-4.21357	1	1548	-4.00000	26.00000	-0.80000
-4.01551	6.16044	-4.93540	1	1549	-3.00000	26.00000	-0.80000
-3.79001	6.70073	-5.66400	1	1550	-2.00000	26.00000	-0.80000
-3.46026	7.20832	-6.35788	1	1551	-1.00000	26.00000	-0.80000
-3.03906	7.66111	-6.98509	1	1552	0.00000	26.00000	-0.80000
-2.54286	8.04547	-7.52959	1	1553	1.00000	26.00000	-0.80000
-1.98330	8.35433	-7.98745	1	1554	2.00000	26.00000	-0.80000
-1.36465	8.58148	-8.35541	1	1555	3.00000	26.00000	-0.80000
-0.69157	8.71628	-8.59934	1	1556	4.00000	26.00000	-0.80000
0.01501	8.74488	-8.63584	1	1557	5.00000	26.00000	-0.80000
0.71188	8.65982	-8.42110	1	1558	6.00000	26.00000	-0.80000
1.34702	8.46900	-7.97109	1	1559	7.00000	26.00000	-0.80000
1.88239	8.19624	-7.36549	1	1560	8.00000	26.00000	-0.80000
2.30991	7.87114	-6.71925	1	1561	9.00000	26.00000	-0.80000
2.64521	7.51635	-6.08791	1	1562	10.00000	26.00000	-0.80000
2.90902	7.14401	-5.48591	1	1563	11.00000	26.00000	-0.80000
3.11671	6.75997	-4.91539	1	1564	12.00000	26.00000	-0.80000
3.27758	6.36820	-4.37577	1	1565	13.00000	26.00000	-0.80000
3.39740	5.97262	-3.86664	1	1566	14.00000	26.00000	-0.80000
3.48036	5.57720	-3.38801	1	1567	15.00000	26.00000	-0.80000
3.52983	5.18566	-2.93986	1	1568	16.00000	26.00000	-0.80000
3.54862	4.80150	-2.52210	1	1569	17.00000	26.00000	-0.80000
3.53915	4.42814	-2.13474	1	1570	18.00000	26.00000	-0.80000
3.50393	4.06903	-1.77799	1	1571	19.00000	26.00000	-0.80000
3.44586	3.72743	-1.45213	1	1572	20.00000	26.00000	-0.80000
				1573	21.00000	26.00000	-0.80000



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Ref.	Name			Ref.	x	y	z
x	y	z					
3.36841	3.40607	-1.15722	1	1574	22.00000	26.00000	-0.80000
3.27539	3.10685	-0.89290	1	1575	23.00000	26.00000	-0.80000
3.17068	2.83075	-0.65826	1	1576	24.00000	26.00000	-0.80000
3.05793	2.57785	-0.45183	1	1577	25.00000	26.00000	-0.80000
2.94037	2.34753	-0.27174	1	1578	26.00000	26.00000	-0.80000
2.82066	2.13865	-0.11583	1	1579	27.00000	26.00000	-0.80000
2.70094	1.94978	0.01815	1	1580	28.00000	26.00000	-0.80000
2.58283	1.77932	0.13249	1	1581	29.00000	26.00000	-0.80000
2.46753	1.62564	0.22937	1	1582	30.00000	26.00000	-0.80000
2.35585	1.48714	0.31084	1	1583	-40.00000	33.00000	-0.80000
-0.77429	0.35461	0.46639	1	1584	-39.00000	33.00000	-0.80000
-0.79968	0.37424	0.47844	1	1585	-38.00000	33.00000	-0.80000
-0.82615	0.39527	0.49043	1	1586	-37.00000	33.00000	-0.80000
-0.85374	0.41781	0.50232	1	1587	-36.00000	33.00000	-0.80000
-0.88249	0.44199	0.51403	1	1588	-35.00000	33.00000	-0.80000
-0.91245	0.46796	0.52547	1	1589	-34.00000	33.00000	-0.80000
-0.94365	0.49585	0.53654	1	1590	-33.00000	33.00000	-0.80000
-0.97614	0.52585	0.54713	1	1591	-32.00000	33.00000	-0.80000
-1.00995	0.55813	0.55712	1	1592	-31.00000	33.00000	-0.80000
-1.04511	0.59291	0.56637	1	1593	-30.00000	33.00000	-0.80000
-1.08164	0.63038	0.57472	1	1594	-29.00000	33.00000	-0.80000
-1.11957	0.67080	0.58198	1	1595	-28.00000	33.00000	-0.80000
-1.15889	0.71442	0.58797	1	1596	-27.00000	33.00000	-0.80000
-1.19960	0.76154	0.59245	1	1597	-26.00000	33.00000	-0.80000
-1.24166	0.81244	0.59517	1	1598	-25.00000	33.00000	-0.80000
-1.28505	0.86748	0.59586	1	1599	-24.00000	33.00000	-0.80000
-1.32968	0.92700	0.59422	1	1600	-23.00000	33.00000	-0.80000
-1.37544	0.99140	0.58991	1	1601	-22.00000	33.00000	-0.80000
-1.42220	1.06110	0.58256	1	1602	-21.00000	33.00000	-0.80000
-1.46976	1.13653	0.57178	1	1603	-20.00000	33.00000	-0.80000
-1.51787	1.21816	0.55714	1	1604	-19.00000	33.00000	-0.80000
-1.56622	1.30649	0.53817	1	1605	-18.00000	33.00000	-0.80000
-1.61441	1.40202	0.51437	1	1606	-17.00000	33.00000	-0.80000
-1.66193	1.50527	0.48524	1	1607	-16.00000	33.00000	-0.80000
-1.70818	1.61677	0.45024	1	1608	-15.00000	33.00000	-0.80000
-1.75240	1.73701	0.40882	1				



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Ref.		Name		Ref.	x	y	z
x	y	z					
-1.79368	1.86645	0.36045	1	1609	-14.00000	33.00000	-0.80000
-1.83093	2.00548	0.30463	1	1610	-13.00000	33.00000	-0.80000
-1.86285	2.15439	0.24094	1	1611	-12.00000	33.00000	-0.80000
-1.88792	2.31328	0.16903	1	1612	-11.00000	33.00000	-0.80000
-1.90438	2.48202	0.08876	1	1613	-10.00000	33.00000	-0.80000
-1.91026	2.66018	0.00019	1	1614	-9.00000	33.00000	-0.80000
-1.90337	2.84690	-0.09630	1	1615	-8.00000	33.00000	-0.80000
-1.88143	3.04082	-0.19993	1	1616	-7.00000	33.00000	-0.80000
-1.84210	3.23996	-0.30948	1	1617	-6.00000	33.00000	-0.80000
-1.78324	3.44171	-0.42321	1	1618	-5.00000	33.00000	-0.80000
-1.70300	3.64282	-0.53887	1	1619	-4.00000	33.00000	-0.80000
-1.60011	3.83943	-0.65374	1	1620	-3.00000	33.00000	-0.80000
-1.47401	4.02727	-0.76474	1	1621	-2.00000	33.00000	-0.80000
-1.32498	4.20183	-0.86855	1	1622	-1.00000	33.00000	-0.80000
-1.15423	4.35862	-0.96182	1	1623	0.00000	33.00000	-0.80000
-0.96387	4.49333	-1.04129	1	1624	1.00000	33.00000	-0.80000
-0.75692	4.60212	-1.10400	1	1625	2.00000	33.00000	-0.80000
-0.53721	4.68178	-1.14750	1	1626	3.00000	33.00000	-0.80000
-0.30933	4.72999	-1.17001	1	1627	4.00000	33.00000	-0.80000
-0.07839	4.74555	-1.17067	1	1628	5.00000	33.00000	-0.80000
0.15029	4.72858	-1.14966	1	1629	6.00000	33.00000	-0.80000
0.37162	4.68055	-1.10831	1	1630	7.00000	33.00000	-0.80000
0.58118	4.60414	-1.04888	1	1631	8.00000	33.00000	-0.80000
0.77557	4.50290	-0.97436	1	1632	9.00000	33.00000	-0.80000
0.95253	4.38082	-0.88806	1	1633	10.00000	33.00000	-0.80000
1.11087	4.24195	-0.79329	1	1634	11.00000	33.00000	-0.80000
1.25030	4.09008	-0.69311	1	1635	12.00000	33.00000	-0.80000
1.37112	3.92860	-0.59017	1	1636	13.00000	33.00000	-0.80000
1.47404	3.76045	-0.48669	1	1637	14.00000	33.00000	-0.80000
1.55999	3.58818	-0.38442	1	1638	15.00000	33.00000	-0.80000
1.63001	3.41394	-0.28477	1	1639	16.00000	33.00000	-0.80000
1.68518	3.23959	-0.18884	1	1640	17.00000	33.00000	-0.80000
1.72663	3.06673	-0.09745	1	1641	18.00000	33.00000	-0.80000
1.75549	2.89674	-0.01123	1	1642	19.00000	33.00000	-0.80000
1.77289	2.73079	0.06935	1	1643	20.00000	33.00000	-0.80000
				1644	21.00000	33.00000	-0.80000



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Ref.		Name		Ref.	x	y	z
x	y	z					
1.77999	2.56987	0.14398	1	1645	22.00000	33.00000	-0.80000
1.77792	2.41475	0.21249	1	1646	23.00000	33.00000	-0.80000
1.76780	2.26608	0.27479	1	1647	24.00000	33.00000	-0.80000
1.75072	2.12428	0.33091	1	1648	25.00000	33.00000	-0.80000
1.72772	1.98965	0.38096	1	1649	26.00000	33.00000	-0.80000
1.69977	1.86233	0.42512	1	1650	27.00000	33.00000	-0.80000
1.66777	1.74236	0.46363	1	1651	28.00000	33.00000	-0.80000
1.63255	1.62964	0.49678	1	1652	29.00000	33.00000	-0.80000
1.59484	1.52401	0.52489	1	1653	30.00000	33.00000	-0.80000
1.55529	1.42523	0.54830	1	1654	-40.00000	40.00000	-0.80000
-0.64159	0.39137	0.42330	1	1655	-39.00000	40.00000	-0.80000
-0.65836	0.41043	0.43421	1	1656	-38.00000	40.00000	-0.80000
-0.67556	0.43063	0.44518	1	1657	-37.00000	40.00000	-0.80000
-0.69317	0.45204	0.45618	1	1658	-36.00000	40.00000	-0.80000
-0.71120	0.47473	0.46719	1	1659	-35.00000	40.00000	-0.80000
-0.72962	0.49879	0.47814	1	1660	-34.00000	40.00000	-0.80000
-0.74841	0.52431	0.48901	1	1661	-33.00000	40.00000	-0.80000
-0.76754	0.55138	0.49974	1	1662	-32.00000	40.00000	-0.80000
-0.78699	0.58010	0.51027	1	1663	-31.00000	40.00000	-0.80000
-0.80670	0.61056	0.52053	1	1664	-30.00000	40.00000	-0.80000
-0.82663	0.64288	0.53047	1	1665	-29.00000	40.00000	-0.80000
-0.84671	0.67717	0.54001	1	1666	-28.00000	40.00000	-0.80000
-0.86687	0.71353	0.54907	1	1667	-27.00000	40.00000	-0.80000
-0.88701	0.75209	0.55756	1	1668	-26.00000	40.00000	-0.80000
-0.90705	0.79296	0.56538	1	1669	-25.00000	40.00000	-0.80000
-0.92685	0.83626	0.57245	1	1670	-24.00000	40.00000	-0.80000
-0.94627	0.88211	0.57865	1	1671	-23.00000	40.00000	-0.80000
-0.96515	0.93062	0.58388	1	1672	-22.00000	40.00000	-0.80000
-0.98332	0.98190	0.58804	1	1673	-21.00000	40.00000	-0.80000
-1.00055	1.03604	0.59101	1	1674	-20.00000	40.00000	-0.80000
-1.01661	1.09314	0.59267	1	1675	-19.00000	40.00000	-0.80000
-1.03122	1.15325	0.59293	1	1676	-18.00000	40.00000	-0.80000
-1.04410	1.21643	0.59167	1	1677	-17.00000	40.00000	-0.80000
-1.05490	1.28268	0.58881	1	1678	-16.00000	40.00000	-0.80000
-1.06326	1.35199	0.58426	1	1679	-15.00000	40.00000	-0.80000
-1.06877	1.42429	0.57796	1				



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Displacements:	Displacements:	Displacements:	Set:	Ref.	x	y	z
Ref.		Name					
x	y	z					
-1.07102	1.49946	0.56986	1	1680	-14.00000	40.00000	-0.80000
-1.06954	1.57731	0.55996	1	1681	-13.00000	40.00000	-0.80000
-1.06386	1.65759	0.54828	1	1682	-12.00000	40.00000	-0.80000
-1.05349	1.73995	0.53487	1	1683	-11.00000	40.00000	-0.80000
-1.03793	1.82396	0.51984	1	1684	-10.00000	40.00000	-0.80000
-1.01672	1.90908	0.50335	1	1685	-9.00000	40.00000	-0.80000
-0.98941	1.99468	0.48560	1	1686	-8.00000	40.00000	-0.80000
-0.95561	2.08001	0.46687	1	1687	-7.00000	40.00000	-0.80000
-0.91501	2.16421	0.44747	1	1688	-6.00000	40.00000	-0.80000
-0.86739	2.24637	0.42777	1	1689	-5.00000	40.00000	-0.80000
-0.81265	2.32546	0.40819	1	1690	-4.00000	40.00000	-0.80000
-0.75086	2.40043	0.38916	1	1691	-3.00000	40.00000	-0.80000
-0.68221	2.47019	0.37116	1	1692	-2.00000	40.00000	-0.80000
-0.60708	2.53366	0.35465	1	1693	-1.00000	40.00000	-0.80000
-0.52602	2.58984	0.34007	1	1694	0.00000	40.00000	-0.80000
-0.43975	2.63779	0.32784	1	1695	1.00000	40.00000	-0.80000
-0.34912	2.67670	0.31830	1	1696	2.00000	40.00000	-0.80000
-0.25513	2.70592	0.31174	1	1697	3.00000	40.00000	-0.80000
-0.15887	2.72500	0.30833	1	1698	4.00000	40.00000	-0.80000
-0.06149	2.73369	0.30818	1	1699	5.00000	40.00000	-0.80000
0.03586	2.73196	0.31127	1	1700	6.00000	40.00000	-0.80000
0.13204	2.71997	0.31748	1	1701	7.00000	40.00000	-0.80000
0.22597	2.69811	0.32661	1	1702	8.00000	40.00000	-0.80000
0.31670	2.66691	0.33837	1	1703	9.00000	40.00000	-0.80000
0.40336	2.62708	0.35241	1	1704	10.00000	40.00000	-0.80000
0.48526	2.57940	0.36835	1	1705	11.00000	40.00000	-0.80000
0.56185	2.52474	0.38576	1	1706	12.00000	40.00000	-0.80000
0.63270	2.46402	0.40424	1	1707	13.00000	40.00000	-0.80000
0.69754	2.39813	0.42337	1	1708	14.00000	40.00000	-0.80000
0.75622	2.32799	0.44277	1	1709	15.00000	40.00000	-0.80000
0.80870	2.25446	0.46207	1	1710	16.00000	40.00000	-0.80000
0.85502	2.17836	0.48096	1	1711	17.00000	40.00000	-0.80000
0.89532	2.10045	0.49916	1	1712	18.00000	40.00000	-0.80000
0.92979	2.02144	0.51642	1	1713	19.00000	40.00000	-0.80000
0.95867	1.94196	0.53253	1	1714	20.00000	40.00000	-0.80000
				1715	21.00000	40.00000	-0.80000



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
0.98225	1.86260	0.54734	1	1716	22.00000	40.00000	-0.80000
1.00085	1.78384	0.56072	1	1717	23.00000	40.00000	-0.80000
1.01480	1.70615	0.57258	1	1718	24.00000	40.00000	-0.80000
1.02447	1.62989	0.58285	1	1719	25.00000	40.00000	-0.80000
1.03019	1.55539	0.59150	1	1720	26.00000	40.00000	-0.80000
1.03234	1.48290	0.59853	1	1721	27.00000	40.00000	-0.80000
1.03126	1.41263	0.60395	1	1722	28.00000	40.00000	-0.80000
1.02729	1.34475	0.60779	1	1723	29.00000	40.00000	-0.80000
1.02077	1.27938	0.61010	1	1724	30.00000	40.00000	-0.80000
1.01200	1.21658	0.61095	1	1725	-40.00000	-30.00000	-4.50000
0.01413	0.01264	0.32965	1	1726	-39.00000	-30.00000	-4.50000
0.01468	0.01341	0.33746	1	1727	-38.00000	-30.00000	-4.50000
0.01525	0.01424	0.34537	1	1728	-37.00000	-30.00000	-4.50000
0.01583	0.01512	0.35338	1	1729	-36.00000	-30.00000	-4.50000
0.01643	0.01605	0.36146	1	1730	-35.00000	-30.00000	-4.50000
0.01704	0.01705	0.36961	1	1731	-34.00000	-30.00000	-4.50000
0.01766	0.01810	0.37782	1	1732	-33.00000	-30.00000	-4.50000
0.01830	0.01922	0.38607	1	1733	-32.00000	-30.00000	-4.50000
0.01894	0.02041	0.39436	1	1734	-31.00000	-30.00000	-4.50000
0.01959	0.02166	0.40267	1	1735	-30.00000	-30.00000	-4.50000
0.02025	0.02299	0.41099	1	1736	-29.00000	-30.00000	-4.50000
0.02091	0.02440	0.41929	1	1737	-28.00000	-30.00000	-4.50000
0.02157	0.02589	0.42757	1	1738	-27.00000	-30.00000	-4.50000
0.02223	0.02746	0.43580	1	1739	-26.00000	-30.00000	-4.50000
0.02288	0.02911	0.44396	1	1740	-25.00000	-30.00000	-4.50000
0.02352	0.03085	0.45205	1	1741	-24.00000	-30.00000	-4.50000
0.02414	0.03268	0.46003	1	1742	-23.00000	-30.00000	-4.50000
0.02474	0.03460	0.46789	1	1743	-22.00000	-30.00000	-4.50000
0.02531	0.03661	0.47561	1	1744	-21.00000	-30.00000	-4.50000
0.02585	0.03871	0.48317	1	1745	-20.00000	-30.00000	-4.50000
0.02634	0.04090	0.49055	1	1746	-19.00000	-30.00000	-4.50000
0.02679	0.04318	0.49772	1	1747	-18.00000	-30.00000	-4.50000
0.02718	0.04554	0.50468	1	1748	-17.00000	-30.00000	-4.50000
0.02751	0.04799	0.51141	1	1749	-16.00000	-30.00000	-4.50000
0.02777	0.05051	0.51787	1	1750	-15.00000	-30.00000	-4.50000
0.02794	0.05311	0.52407	1				



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
0.02802	0.05576	0.52999	1	1751	-14.00000	-30.00000	-4.50000
0.02801	0.05848	0.53560	1	1752	-13.00000	-30.00000	-4.50000
0.02789	0.06123	0.54091	1	1753	-12.00000	-30.00000	-4.50000
0.02765	0.06402	0.54590	1	1754	-11.00000	-30.00000	-4.50000
0.02729	0.06683	0.55056	1	1755	-10.00000	-30.00000	-4.50000
0.02680	0.06964	0.55490	1	1756	-9.00000	-30.00000	-4.50000
0.02617	0.07244	0.55890	1	1757	-8.00000	-30.00000	-4.50000
0.02539	0.07521	0.56257	1	1758	-7.00000	-30.00000	-4.50000
0.02448	0.07793	0.56590	1	1759	-6.00000	-30.00000	-4.50000
0.02341	0.08058	0.56891	1	1760	-5.00000	-30.00000	-4.50000
0.02219	0.08314	0.57160	1	1761	-4.00000	-30.00000	-4.50000
0.02083	0.08558	0.57398	1	1762	-3.00000	-30.00000	-4.50000
0.01932	0.08789	0.57604	1	1763	-2.00000	-30.00000	-4.50000
0.01766	0.09004	0.57782	1	1764	-1.00000	-30.00000	-4.50000
0.01588	0.09201	0.57931	1	1765	0.00000	-30.00000	-4.50000
0.01397	0.09379	0.58052	1	1766	1.00000	-30.00000	-4.50000
0.01195	0.09535	0.58148	1	1767	2.00000	-30.00000	-4.50000
0.00982	0.09668	0.58218	1	1768	3.00000	-30.00000	-4.50000
0.00762	0.09775	0.58264	1	1769	4.00000	-30.00000	-4.50000
0.00534	0.09857	0.58287	1	1770	5.00000	-30.00000	-4.50000
0.00302	0.09911	0.58287	1	1771	6.00000	-30.00000	-4.50000
0.00066	0.09938	0.58266	1	1772	7.00000	-30.00000	-4.50000
-0.00171	0.09936	0.58223	1	1773	8.00000	-30.00000	-4.50000
-0.00407	0.09906	0.58159	1	1774	9.00000	-30.00000	-4.50000
-0.00640	0.09848	0.58075	1	1775	10.00000	-30.00000	-4.50000
-0.00869	0.09762	0.57969	1	1776	11.00000	-30.00000	-4.50000
-0.01091	0.09649	0.57841	1	1777	12.00000	-30.00000	-4.50000
-0.01304	0.09511	0.57692	1	1778	13.00000	-30.00000	-4.50000
-0.01508	0.09349	0.57520	1	1779	14.00000	-30.00000	-4.50000
-0.01700	0.09165	0.57324	1	1780	15.00000	-30.00000	-4.50000
-0.01880	0.08960	0.57104	1	1781	16.00000	-30.00000	-4.50000
-0.02046	0.08736	0.56860	1	1782	17.00000	-30.00000	-4.50000
-0.02197	0.08497	0.56589	1	1783	18.00000	-30.00000	-4.50000
-0.02334	0.08243	0.56291	1	1784	19.00000	-30.00000	-4.50000
-0.02454	0.07977	0.55965	1	1785	20.00000	-30.00000	-4.50000
				1786	21.00000	-30.00000	-4.50000



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Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
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Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.	Name			Ref.	x	y	z
x	y	z					
-0.02559	0.07702	0.55611	1	1787	22.00000	-30.00000	-4.50000
-0.02649	0.07420	0.55228	1	1788	23.00000	-30.00000	-4.50000
-0.02722	0.07133	0.54815	1	1789	24.00000	-30.00000	-4.50000
-0.02781	0.06843	0.54372	1	1790	25.00000	-30.00000	-4.50000
-0.02826	0.06552	0.53900	1	1791	26.00000	-30.00000	-4.50000
-0.02856	0.06262	0.53397	1	1792	27.00000	-30.00000	-4.50000
-0.02874	0.05974	0.52865	1	1793	28.00000	-30.00000	-4.50000
-0.02879	0.05691	0.52304	1	1794	29.00000	-30.00000	-4.50000
-0.02873	0.05412	0.51715	1	1795	30.00000	-30.00000	-4.50000
-0.02857	0.05140	0.51099	1	1796	-40.00000	-23.00000	-4.50000
0.02042	0.01523	0.37887	1	1797	-39.00000	-23.00000	-4.50000
0.02142	0.01632	0.38840	1	1798	-38.00000	-23.00000	-4.50000
0.02246	0.01750	0.39805	1	1799	-37.00000	-23.00000	-4.50000
0.02356	0.01877	0.40780	1	1800	-36.00000	-23.00000	-4.50000
0.02470	0.02013	0.41763	1	1801	-35.00000	-23.00000	-4.50000
0.02589	0.02161	0.42751	1	1802	-34.00000	-23.00000	-4.50000
0.02713	0.02320	0.43744	1	1803	-33.00000	-23.00000	-4.50000
0.02843	0.02491	0.44738	1	1804	-32.00000	-23.00000	-4.50000
0.02977	0.02676	0.45731	1	1805	-31.00000	-23.00000	-4.50000
0.03116	0.02875	0.46721	1	1806	-30.00000	-23.00000	-4.50000
0.03260	0.03088	0.47705	1	1807	-29.00000	-23.00000	-4.50000
0.03408	0.03319	0.48679	1	1808	-28.00000	-23.00000	-4.50000
0.03561	0.03566	0.49640	1	1809	-27.00000	-23.00000	-4.50000
0.03717	0.03832	0.50585	1	1810	-26.00000	-23.00000	-4.50000
0.03877	0.04117	0.51510	1	1811	-25.00000	-23.00000	-4.50000
0.04040	0.04423	0.52411	1	1812	-24.00000	-23.00000	-4.50000
0.04204	0.04751	0.53284	1	1813	-23.00000	-23.00000	-4.50000
0.04370	0.05101	0.54126	1	1814	-22.00000	-23.00000	-4.50000
0.04535	0.05475	0.54932	1	1815	-21.00000	-23.00000	-4.50000
0.04699	0.05874	0.55699	1	1816	-20.00000	-23.00000	-4.50000
0.04860	0.06298	0.56421	1	1817	-19.00000	-23.00000	-4.50000
0.05017	0.06749	0.57097	1	1818	-18.00000	-23.00000	-4.50000
0.05168	0.07226	0.57721	1	1819	-17.00000	-23.00000	-4.50000
0.05311	0.07730	0.58291	1	1820	-16.00000	-23.00000	-4.50000
0.05443	0.08261	0.58803	1	1821	-15.00000	-23.00000	-4.50000
0.05562	0.08819	0.59255	1				



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Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
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Set:				Result: Coordinates: Coordinates: Coordinates:			
Displacements:	Displacements:	Displacements:		Ref.	x	y	z
Ref.		Name					
x	y	z					
0.05665	0.09402	0.59645	1	1822	-14.00000	-23.00000	-4.50000
0.05750	0.10010	0.59972	1	1823	-13.00000	-23.00000	-4.50000
0.05813	0.10641	0.60235	1	1824	-12.00000	-23.00000	-4.50000
0.05852	0.11293	0.60433	1	1825	-11.00000	-23.00000	-4.50000
0.05863	0.111963	0.60567	1	1826	-10.00000	-23.00000	-4.50000
0.05843	0.12648	0.60640	1	1827	-9.00000	-23.00000	-4.50000
0.05789	0.13343	0.60655	1	1828	-8.00000	-23.00000	-4.50000
0.05699	0.14044	0.60613	1	1829	-7.00000	-23.00000	-4.50000
0.05569	0.14745	0.60521	1	1830	-6.00000	-23.00000	-4.50000
0.05398	0.15441	0.60384	1	1831	-5.00000	-23.00000	-4.50000
0.05184	0.16125	0.60208	1	1832	-4.00000	-23.00000	-4.50000
0.04927	0.16789	0.60000	1	1833	-3.00000	-23.00000	-4.50000
0.04624	0.17427	0.59767	1	1834	-2.00000	-23.00000	-4.50000
0.04278	0.18030	0.59517	1	1835	-1.00000	-23.00000	-4.50000
0.03889	0.18592	0.59259	1	1836	0.00000	-23.00000	-4.50000
0.03460	0.19104	0.59001	1	1837	1.00000	-23.00000	-4.50000
0.02993	0.19561	0.58750	1	1838	2.00000	-23.00000	-4.50000
0.02492	0.19954	0.58514	1	1839	3.00000	-23.00000	-4.50000
0.01962	0.20278	0.58299	1	1840	4.00000	-23.00000	-4.50000
0.01408	0.20528	0.58112	1	1841	5.00000	-23.00000	-4.50000
0.00836	0.20700	0.57957	1	1842	6.00000	-23.00000	-4.50000
0.00252	0.20791	0.57838	1	1843	7.00000	-23.00000	-4.50000
-0.00337	0.20799	0.57758	1	1844	8.00000	-23.00000	-4.50000
-0.00924	0.20723	0.57716	1	1845	9.00000	-23.00000	-4.50000
-0.01504	0.20566	0.57713	1	1846	10.00000	-23.00000	-4.50000
-0.02068	0.20327	0.57747	1	1847	11.00000	-23.00000	-4.50000
-0.02611	0.20011	0.57815	1	1848	12.00000	-23.00000	-4.50000
-0.03127	0.19623	0.57912	1	1849	13.00000	-23.00000	-4.50000
-0.03610	0.19166	0.58032	1	1850	14.00000	-23.00000	-4.50000
-0.04057	0.18648	0.58171	1	1851	15.00000	-23.00000	-4.50000
-0.04462	0.18076	0.58319	1	1852	16.00000	-23.00000	-4.50000
-0.04824	0.17458	0.58471	1	1853	17.00000	-23.00000	-4.50000
-0.05141	0.16800	0.58616	1	1854	18.00000	-23.00000	-4.50000
-0.05410	0.16112	0.58748	1	1855	19.00000	-23.00000	-4.50000
-0.05632	0.15401	0.58858	1	1856	20.00000	-23.00000	-4.50000
				1857	21.00000	-23.00000	-4.50000



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
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Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
-0.05808	0.14675	0.58939	1	1858	22.00000	-23.00000	-4.50000
-0.05939	0.13942	0.58983	1	1859	23.00000	-23.00000	-4.50000
-0.06027	0.13208	0.58985	1	1860	24.00000	-23.00000	-4.50000
-0.06074	0.12480	0.58937	1	1861	25.00000	-23.00000	-4.50000
-0.06084	0.11764	0.58837	1	1862	26.00000	-23.00000	-4.50000
-0.06059	0.11064	0.58679	1	1863	27.00000	-23.00000	-4.50000
-0.06005	0.10384	0.58462	1	1864	28.00000	-23.00000	-4.50000
-0.05923	0.09728	0.58184	1	1865	29.00000	-23.00000	-4.50000
-0.05819	0.09099	0.57844	1	1866	30.00000	-23.00000	-4.50000
-0.05694	0.08497	0.57442	1	1867	-40.00000	-16.00000	-4.50000
0.02891	0.01726	0.42690	1	1868	-39.00000	-16.00000	-4.50000
0.03064	0.01870	0.43801	1	1869	-38.00000	-16.00000	-4.50000
0.03248	0.02027	0.44921	1	1870	-37.00000	-16.00000	-4.50000
0.03445	0.02198	0.46046	1	1871	-36.00000	-16.00000	-4.50000
0.03654	0.02386	0.47173	1	1872	-35.00000	-16.00000	-4.50000
0.03876	0.02593	0.48297	1	1873	-34.00000	-16.00000	-4.50000
0.04113	0.02819	0.49415	1	1874	-33.00000	-16.00000	-4.50000
0.04365	0.03066	0.50522	1	1875	-32.00000	-16.00000	-4.50000
0.04633	0.03338	0.51611	1	1876	-31.00000	-16.00000	-4.50000
0.04917	0.03637	0.52678	1	1877	-30.00000	-16.00000	-4.50000
0.05218	0.03965	0.53715	1	1878	-29.00000	-16.00000	-4.50000
0.05537	0.04324	0.54716	1	1879	-28.00000	-16.00000	-4.50000
0.05875	0.04719	0.55673	1	1880	-27.00000	-16.00000	-4.50000
0.06231	0.05153	0.56577	1	1881	-26.00000	-16.00000	-4.50000
0.06606	0.05629	0.57420	1	1882	-25.00000	-16.00000	-4.50000
0.07000	0.06151	0.58192	1	1883	-24.00000	-16.00000	-4.50000
0.07412	0.06723	0.58883	1	1884	-23.00000	-16.00000	-4.50000
0.07843	0.07350	0.59483	1	1885	-22.00000	-16.00000	-4.50000
0.08291	0.08036	0.59981	1	1886	-21.00000	-16.00000	-4.50000
0.08755	0.08787	0.60365	1	1887	-20.00000	-16.00000	-4.50000
0.09232	0.09607	0.60625	1	1888	-19.00000	-16.00000	-4.50000
0.09721	0.10501	0.60750	1	1889	-18.00000	-16.00000	-4.50000
0.10219	0.11474	0.60727	1	1890	-17.00000	-16.00000	-4.50000
0.10720	0.12531	0.60548	1	1891	-16.00000	-16.00000	-4.50000
0.11221	0.13676	0.60202	1	1892	-15.00000	-16.00000	-4.50000
0.11714	0.14914	0.59680	1				



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Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Set:				Result: Coordinates: Coordinates: Coordinates:			
Displacements:	Displacements:	Displacements:	Set:	Ref.	x	y	z
Ref.		Name					
x	y	z					
0.12194	0.16248	0.58975	1	1893	-14.00000	-16.00000	-4.50000
0.12651	0.17680	0.58081	1	1894	-13.00000	-16.00000	-4.50000
0.13077	0.19211	0.56996	1	1895	-12.00000	-16.00000	-4.50000
0.13460	0.20841	0.55719	1	1896	-11.00000	-16.00000	-4.50000
0.13789	0.22566	0.54252	1	1897	-10.00000	-16.00000	-4.50000
0.14051	0.24383	0.52603	1	1898	-9.00000	-16.00000	-4.50000
0.14231	0.26284	0.50781	1	1899	-8.00000	-16.00000	-4.50000
0.14315	0.28257	0.48803	1	1900	-7.00000	-16.00000	-4.50000
0.14288	0.30288	0.46688	1	1901	-6.00000	-16.00000	-4.50000
0.14138	0.32359	0.44463	1	1902	-5.00000	-16.00000	-4.50000
0.13850	0.34449	0.42156	1	1903	-4.00000	-16.00000	-4.50000
0.13413	0.36531	0.39805	1	1904	-3.00000	-16.00000	-4.50000
0.12820	0.38577	0.37447	1	1905	-2.00000	-16.00000	-4.50000
0.12065	0.40556	0.35126	1	1906	-1.00000	-16.00000	-4.50000
0.11148	0.42436	0.32885	1	1907	0.00000	-16.00000	-4.50000
0.10073	0.44181	0.30771	1	1908	1.00000	-16.00000	-4.50000
0.08848	0.45762	0.28826	1	1909	2.00000	-16.00000	-4.50000
0.07486	0.47146	0.27092	1	1910	3.00000	-16.00000	-4.50000
0.06004	0.48306	0.25608	1	1911	4.00000	-16.00000	-4.50000
0.04423	0.49218	0.24405	1	1912	5.00000	-16.00000	-4.50000
0.02765	0.49865	0.23510	1	1913	6.00000	-16.00000	-4.50000
0.01055	0.50231	0.22943	1	1914	7.00000	-16.00000	-4.50000
-0.00679	0.50310	0.22716	1	1915	8.00000	-16.00000	-4.50000
-0.02412	0.50097	0.22833	1	1916	9.00000	-16.00000	-4.50000
-0.04115	0.49596	0.23292	1	1917	10.00000	-16.00000	-4.50000
-0.05763	0.48815	0.24083	1	1918	11.00000	-16.00000	-4.50000
-0.07331	0.47767	0.25186	1	1919	12.00000	-16.00000	-4.50000
-0.08795	0.46471	0.26579	1	1920	13.00000	-16.00000	-4.50000
-0.10134	0.44950	0.28230	1	1921	14.00000	-16.00000	-4.50000
-0.11331	0.43231	0.30103	1	1922	15.00000	-16.00000	-4.50000
-0.12371	0.41345	0.32156	1	1923	16.00000	-16.00000	-4.50000
-0.13244	0.39324	0.34346	1	1924	17.00000	-16.00000	-4.50000
-0.13945	0.37205	0.36626	1	1925	18.00000	-16.00000	-4.50000
-0.14474	0.35022	0.38950	1	1926	19.00000	-16.00000	-4.50000
-0.14833	0.32808	0.41272	1	1927	20.00000	-16.00000	-4.50000
				1928	21.00000	-16.00000	-4.50000



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Drg. Ref.		
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Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
-0.15031	0.30597	0.43550	1	1929	22.00000	-16.00000	-4.50000
-0.15081	0.28416	0.45744	1	1930	23.00000	-16.00000	-4.50000
-0.14996	0.26292	0.47821	1	1931	24.00000	-16.00000	-4.50000
-0.14793	0.24244	0.49751	1	1932	25.00000	-16.00000	-4.50000
-0.14489	0.22290	0.51512	1	1933	26.00000	-16.00000	-4.50000
-0.14103	0.20440	0.53088	1	1934	27.00000	-16.00000	-4.50000
-0.13651	0.18702	0.54466	1	1935	28.00000	-16.00000	-4.50000
-0.13149	0.17081	0.55642	1	1936	29.00000	-16.00000	-4.50000
-0.12611	0.15577	0.56613	1	1937	30.00000	-16.00000	-4.50000
-0.12051	0.14189	0.57382	1	1938	-40.00000	-9.00000	-4.50000
0.03938	0.01766	0.46923	1	1939	-39.00000	-9.00000	-4.50000
0.04217	0.01933	0.48147	1	1940	-38.00000	-9.00000	-4.50000
0.04521	0.02119	0.49369	1	1941	-37.00000	-9.00000	-4.50000
0.04850	0.02326	0.50582	1	1942	-36.00000	-9.00000	-4.50000
0.05207	0.02556	0.51779	1	1943	-35.00000	-9.00000	-4.50000
0.05595	0.02813	0.52952	1	1944	-34.00000	-9.00000	-4.50000
0.06016	0.03100	0.54093	1	1945	-33.00000	-9.00000	-4.50000
0.06474	0.03420	0.55189	1	1946	-32.00000	-9.00000	-4.50000
0.06972	0.03779	0.56230	1	1947	-31.00000	-9.00000	-4.50000
0.07513	0.04182	0.57203	1	1948	-30.00000	-9.00000	-4.50000
0.08102	0.04633	0.58091	1	1949	-29.00000	-9.00000	-4.50000
0.08742	0.05140	0.58878	1	1950	-28.00000	-9.00000	-4.50000
0.09438	0.05710	0.59546	1	1951	-27.00000	-9.00000	-4.50000
0.10194	0.06352	0.60072	1	1952	-26.00000	-9.00000	-4.50000
0.11015	0.07075	0.60435	1	1953	-25.00000	-9.00000	-4.50000
0.11906	0.07890	0.60608	1	1954	-24.00000	-9.00000	-4.50000
0.12872	0.08809	0.60563	1	1955	-23.00000	-9.00000	-4.50000
0.13918	0.09845	0.60269	1	1956	-22.00000	-9.00000	-4.50000
0.15048	0.11015	0.59694	1	1957	-21.00000	-9.00000	-4.50000
0.16266	0.12336	0.58800	1	1958	-20.00000	-9.00000	-4.50000
0.17576	0.13825	0.57549	1	1959	-19.00000	-9.00000	-4.50000
0.18979	0.15505	0.55899	1	1960	-18.00000	-9.00000	-4.50000
0.20477	0.17397	0.53807	1	1961	-17.00000	-9.00000	-4.50000
0.22069	0.19527	0.51228	1	1962	-16.00000	-9.00000	-4.50000
0.23751	0.21921	0.48113	1	1963	-15.00000	-9.00000	-4.50000
0.25517	0.24605	0.44414	1				



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517419		
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Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
0.27356	0.27608	0.40084	1	1964	-14.00000	-9.00000	-4.50000
0.29252	0.30960	0.35075	1	1965	-13.00000	-9.00000	-4.50000
0.31186	0.34687	0.29343	1	1966	-12.00000	-9.00000	-4.50000
0.33130	0.38815	0.22846	1	1967	-11.00000	-9.00000	-4.50000
0.35048	0.43369	0.15553	1	1968	-10.00000	-9.00000	-4.50000
0.36895	0.48366	0.07440	1	1969	-9.00000	-9.00000	-4.50000
0.38615	0.53816	-0.01503	1	1970	-8.00000	-9.00000	-4.50000
0.40141	0.59718	-0.11265	1	1971	-7.00000	-9.00000	-4.50000
0.41394	0.66055	-0.21810	1	1972	-6.00000	-9.00000	-4.50000
0.42282	0.72791	-0.33067	1	1973	-5.00000	-9.00000	-4.50000
0.42710	0.79863	-0.44928	1	1974	-4.00000	-9.00000	-4.50000
0.42577	0.87179	-0.57235	1	1975	-3.00000	-9.00000	-4.50000
0.41795	0.94617	-0.69782	1	1976	-2.00000	-9.00000	-4.50000
0.40292	1.02025	-0.82317	1	1977	-1.00000	-9.00000	-4.50000
0.38026	1.09232	-0.94553	1	1978	0.00000	-9.00000	-4.50000
0.34994	1.16052	-1.06186	1	1979	1.00000	-9.00000	-4.50000
0.31231	1.22306	-1.16912	1	1980	2.00000	-9.00000	-4.50000
0.26806	1.27826	-1.26453	1	1981	3.00000	-9.00000	-4.50000
0.21820	1.32475	-1.34573	1	1982	4.00000	-9.00000	-4.50000
0.16388	1.36145	-1.41083	1	1983	5.00000	-9.00000	-4.50000
0.10632	1.38761	-1.45846	1	1984	6.00000	-9.00000	-4.50000
0.04672	1.40278	-1.48776	1	1985	7.00000	-9.00000	-4.50000
-0.01380	1.40675	-1.49827	1	1986	8.00000	-9.00000	-4.50000
-0.07417	1.39954	-1.48991	1	1987	9.00000	-9.00000	-4.50000
-0.13339	1.38129	-1.46287	1	1988	10.00000	-9.00000	-4.50000
-0.19048	1.35231	-1.41766	1	1989	11.00000	-9.00000	-4.50000
-0.24445	1.31305	-1.35505	1	1990	12.00000	-9.00000	-4.50000
-0.29430	1.26416	-1.27615	1	1991	13.00000	-9.00000	-4.50000
-0.33900	1.20649	-1.18244	1	1992	14.00000	-9.00000	-4.50000
-0.37755	1.14117	-1.07585	1	1993	15.00000	-9.00000	-4.50000
-0.40908	1.06960	-0.95870	1	1994	16.00000	-9.00000	-4.50000
-0.43291	0.99344	-0.83376	1	1995	17.00000	-9.00000	-4.50000
-0.44870	0.91453	-0.70406	1	1996	18.00000	-9.00000	-4.50000
-0.45647	0.83477	-0.57273	1	1997	19.00000	-9.00000	-4.50000
-0.45667	0.75601	-0.44283	1	1998	20.00000	-9.00000	-4.50000
				1999	21.00000	-9.00000	-4.50000



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517419		
Drg. Ref.		
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Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
-0.45009	0.67987	-0.31706	1	2000	22.00000	-9.00000	-4.50000
-0.43778	0.60770	-0.19767	1	2001	23.00000	-9.00000	-4.50000
-0.42093	0.54043	-0.08635	1	2002	24.00000	-9.00000	-4.50000
-0.40075	0.47866	0.01580	1	2003	25.00000	-9.00000	-4.50000
-0.37839	0.42265	0.10817	1	2004	26.00000	-9.00000	-4.50000
-0.35482	0.37237	0.19061	1	2005	27.00000	-9.00000	-4.50000
-0.33086	0.32762	0.26329	1	2006	28.00000	-9.00000	-4.50000
-0.30714	0.28804	0.32662	1	2007	29.00000	-9.00000	-4.50000
-0.28412	0.25320	0.38115	1	2008	30.00000	-9.00000	-4.50000
-0.26212	0.22265	0.42755	1	2009	-40.00000	-2.00000	-4.50000
0.05042	0.01509	0.50154	1	2010	-39.00000	-2.00000	-4.50000
0.05453	0.01668	0.51426	1	2011	-38.00000	-2.00000	-4.50000
0.05904	0.01847	0.52677	1	2012	-37.00000	-2.00000	-4.50000
0.06402	0.02050	0.53895	1	2013	-36.00000	-2.00000	-4.50000
0.06951	0.02279	0.55067	1	2014	-35.00000	-2.00000	-4.50000
0.07558	0.02539	0.56179	1	2015	-34.00000	-2.00000	-4.50000
0.08230	0.02834	0.57213	1	2016	-33.00000	-2.00000	-4.50000
0.08975	0.03170	0.58148	1	2017	-32.00000	-2.00000	-4.50000
0.09802	0.03554	0.58961	1	2018	-31.00000	-2.00000	-4.50000
0.10722	0.03993	0.59625	1	2019	-30.00000	-2.00000	-4.50000
0.11747	0.04497	0.60109	1	2020	-29.00000	-2.00000	-4.50000
0.12889	0.05076	0.60376	1	2021	-28.00000	-2.00000	-4.50000
0.14164	0.05744	0.60385	1	2022	-27.00000	-2.00000	-4.50000
0.15590	0.06515	0.60086	1	2023	-26.00000	-2.00000	-4.50000
0.17186	0.07408	0.59426	1	2024	-25.00000	-2.00000	-4.50000
0.18974	0.08444	0.58339	1	2025	-24.00000	-2.00000	-4.50000
0.20978	0.09649	0.56752	1	2026	-23.00000	-2.00000	-4.50000
0.23226	0.11055	0.54580	1	2027	-22.00000	-2.00000	-4.50000
0.25749	0.12696	0.51726	1	2028	-21.00000	-2.00000	-4.50000
0.28579	0.14618	0.48079	1	2029	-20.00000	-2.00000	-4.50000
0.31751	0.16870	0.43510	1	2030	-19.00000	-2.00000	-4.50000
0.35302	0.19512	0.37873	1	2031	-18.00000	-2.00000	-4.50000
0.39271	0.22615	0.31000	1	2032	-17.00000	-2.00000	-4.50000
0.43694	0.26259	0.22700	1	2033	-16.00000	-2.00000	-4.50000
0.48604	0.30536	0.12759	1	2034	-15.00000	-2.00000	-4.50000
0.54029	0.35549	0.00934	1				



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517419		
Drg. Ref.		
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Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
0.59984	0.41411	-0.13043	1	2035	-14.00000	-2.00000	-4.50000
0.66471	0.48241	-0.29467	1	2036	-13.00000	-2.00000	-4.50000
0.73471	0.56160	-0.48660	1	2037	-12.00000	-2.00000	-4.50000
0.80939	0.65285	-0.70964	1	2038	-11.00000	-2.00000	-4.50000
0.88801	0.75724	-0.96741	1	2039	-10.00000	-2.00000	-4.50000
0.96947	0.87562	-1.26367	1	2040	-9.00000	-2.00000	-4.50000
1.05226	1.00860	-1.60234	1	2041	-8.00000	-2.00000	-4.50000
1.13433	1.15646	-1.98750	1	2042	-7.00000	-2.00000	-4.50000
1.21291	1.31910	-2.42340	1	2043	-6.00000	-2.00000	-4.50000
1.28421	1.49596	-2.91434	1	2044	-5.00000	-2.00000	-4.50000
1.34312	1.68580	-3.46426	1	2045	-4.00000	-2.00000	-4.50000
1.38322	1.88641	-4.07585	1	2046	-3.00000	-2.00000	-4.50000
1.39720	2.09423	-4.74852	1	2047	-2.00000	-2.00000	-4.50000
1.37808	2.30404	-5.47374	1	2048	-1.00000	-2.00000	-4.50000
1.32095	2.50919	-6.22470	1	2049	0.00000	-2.00000	-4.50000
1.22458	2.70221	-6.95004	1	2050	1.00000	-2.00000	-4.50000
1.09200	2.87590	-7.59876	1	2051	2.00000	-2.00000	-4.50000
0.92978	3.02439	-8.14505	1	2052	3.00000	-2.00000	-4.50000
0.74629	3.14378	-8.58196	1	2053	4.00000	-2.00000	-4.50000
0.54978	3.23216	-8.91091	1	2054	5.00000	-2.00000	-4.50000
0.34711	3.28922	-9.13672	1	2055	6.00000	-2.00000	-4.50000
0.14316	3.31564	-9.26524	1	2056	7.00000	-2.00000	-4.50000
-0.05901	3.31253	-9.30197	1	2057	8.00000	-2.00000	-4.50000
-0.25771	3.28101	-9.25125	1	2058	9.00000	-2.00000	-4.50000
-0.45200	3.22200	-9.11582	1	2059	10.00000	-2.00000	-4.50000
-0.64099	3.13610	-8.89665	1	2060	11.00000	-2.00000	-4.50000
-0.82319	3.02364	-8.59293	1	2061	12.00000	-2.00000	-4.50000
-0.99579	2.88499	-8.20239	1	2062	13.00000	-2.00000	-4.50000
-1.15422	2.72092	-7.72214	1	2063	14.00000	-2.00000	-4.50000
-1.29202	2.53330	-7.15015	1	2064	15.00000	-2.00000	-4.50000
-1.40156	2.32563	-6.48793	1	2065	16.00000	-2.00000	-4.50000
-1.47550	2.10346	-5.74603	1	2066	17.00000	-2.00000	-4.50000
-1.50885	1.87419	-4.95498	1	2067	18.00000	-2.00000	-4.50000
-1.50068	1.64617	-4.16892	1	2068	19.00000	-2.00000	-4.50000
-1.45474	1.42750	-3.43731	1	2069	20.00000	-2.00000	-4.50000
				2070	21.00000	-2.00000	-4.50000



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517419		
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Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.	Name			Ref.	x	y	z
x	y	z					
-1.37856	1.22472	-2.78363	1	2071	22.00000	-2.00000	-4.50000
-1.28160	1.04214	-2.21350	1	2072	23.00000	-2.00000	-4.50000
-1.17323	0.88168	-1.72431	1	2073	24.00000	-2.00000	-4.50000
-1.06140	0.74331	-1.30949	1	2074	25.00000	-2.00000	-4.50000
-0.95193	0.62564	-0.96074	1	2075	26.00000	-2.00000	-4.50000
-0.84865	0.52655	-0.66932	1	2076	27.00000	-2.00000	-4.50000
-0.75366	0.44362	-0.42684	1	2077	28.00000	-2.00000	-4.50000
-0.66784	0.37446	-0.22575	1	2078	29.00000	-2.00000	-4.50000
-0.59125	0.31686	-0.05944	1	2079	30.00000	-2.00000	-4.50000
-0.52345	0.26890	0.07770	1	2080	-40.00000	5.00000	-4.50000
0.05926	0.00886	0.52107	1	2081	-39.00000	5.00000	-4.50000
0.06452	0.00986	0.53378	1	2082	-38.00000	5.00000	-4.50000
0.07038	0.01101	0.54605	1	2083	-37.00000	5.00000	-4.50000
0.07690	0.01231	0.55774	1	2084	-36.00000	5.00000	-4.50000
0.08419	0.01381	0.56865	1	2085	-35.00000	5.00000	-4.50000
0.09235	0.01553	0.57856	1	2086	-34.00000	5.00000	-4.50000
0.10151	0.01751	0.58718	1	2087	-33.00000	5.00000	-4.50000
0.11181	0.01979	0.59422	1	2088	-32.00000	5.00000	-4.50000
0.12343	0.02243	0.59929	1	2089	-31.00000	5.00000	-4.50000
0.13658	0.02551	0.60196	1	2090	-30.00000	5.00000	-4.50000
0.15148	0.02909	0.60171	1	2091	-29.00000	5.00000	-4.50000
0.16841	0.03329	0.59791	1	2092	-28.00000	5.00000	-4.50000
0.18772	0.03822	0.58984	1	2093	-27.00000	5.00000	-4.50000
0.20979	0.04404	0.57664	1	2094	-26.00000	5.00000	-4.50000
0.23509	0.05093	0.55726	1	2095	-25.00000	5.00000	-4.50000
0.26417	0.05911	0.53047	1	2096	-24.00000	5.00000	-4.50000
0.29769	0.06889	0.49479	1	2097	-23.00000	5.00000	-4.50000
0.33641	0.08060	0.44844	1	2098	-22.00000	5.00000	-4.50000
0.38127	0.09470	0.38925	1	2099	-21.00000	5.00000	-4.50000
0.43334	0.11175	0.31460	1	2100	-20.00000	5.00000	-4.50000
0.49388	0.13243	0.22128	1	2101	-19.00000	5.00000	-4.50000
0.56434	0.15761	0.10536	1	2102	-18.00000	5.00000	-4.50000
0.64637	0.18839	-0.03800	1	2103	-17.00000	5.00000	-4.50000
0.74177	0.22608	-0.21478	1	2104	-16.00000	5.00000	-4.50000
0.85243	0.27234	-0.43237	1	2105	-15.00000	5.00000	-4.50000
0.98018	0.32912	-0.69986	1				



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517419		
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Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
1.12654	0.39870	-1.02841	1	2106	-14.00000	5.00000	-4.50000
1.29227	0.48363	-1.43156	1	2107	-13.00000	5.00000	-4.50000
1.47686	0.58653	-1.92542	1	2108	-12.00000	5.00000	-4.50000
1.67777	0.70980	-2.52881	1	2109	-11.00000	5.00000	-4.50000
1.88970	0.85502	-3.26314	1	2110	-10.00000	5.00000	-4.50000
2.10423	1.02223	-4.15247	1	2111	-9.00000	5.00000	-4.50000
2.31008	1.20916	-5.22458	1	2112	-8.00000	5.00000	-4.50000
2.49442	1.41059	-6.51469	1	2113	-7.00000	5.00000	-4.50000
2.64499	1.61838	-8.06189	1	2114	-6.00000	5.00000	-4.50000
2.75202	1.82238	-9.77591	1	2115	-5.00000	5.00000	-4.50000
2.80896	2.01210	-11.45861	1	2116	-4.00000	5.00000	-4.50000
2.81132	2.17863	-13.13166	1	2117	-3.00000	5.00000	-4.50000
2.75496	2.31617	-14.88253	1	2118	-2.00000	5.00000	-4.50000
2.63567	2.42268	-16.88084	1	2119	-1.00000	5.00000	-4.50000
2.45086	2.49946	-20.09992	1	2120	0.00000	5.00000	-4.50000
2.20247	2.55006	-23.20449	1	2121	1.00000	5.00000	-4.50000
1.89863	2.57884	-24.85676	1	2122	2.00000	5.00000	-4.50000
1.55261	2.58976	-26.02208	1	2123	3.00000	5.00000	-4.50000
1.17966	2.58562	-26.85507	1	2124	4.00000	5.00000	-4.50000
0.79362	2.56792	-27.41802	1	2125	5.00000	5.00000	-4.50000
0.40488	2.53716	-27.74462	1	2126	6.00000	5.00000	-4.50000
0.02005	2.49321	-27.85424	1	2127	7.00000	5.00000	-4.50000
-0.35734	2.43577	-27.75436	1	2128	8.00000	5.00000	-4.50000
-0.72584	2.36465	-27.43596	1	2129	9.00000	5.00000	-4.50000
-1.08517	2.27991	-26.84526	1	2130	10.00000	5.00000	-4.50000
-1.43535	2.18194	-25.83835	1	2131	11.00000	5.00000	-4.50000
-1.77549	2.07132	-24.91682	1	2132	12.00000	5.00000	-4.50000
-2.10188	1.94886	-23.88024	1	2133	13.00000	5.00000	-4.50000
-2.40592	1.81560	-22.65465	1	2134	14.00000	5.00000	-4.50000
-2.67295	1.67303	-21.18194	1	2135	15.00000	5.00000	-4.50000
-2.88332	1.52331	-19.38320	1	2136	16.00000	5.00000	-4.50000
-3.01658	1.36943	-17.08476	1	2137	17.00000	5.00000	-4.50000
-3.05783	1.21511	-13.20384	1	2138	18.00000	5.00000	-4.50000
-3.00352	1.06445	-10.06827	1	2139	19.00000	5.00000	-4.50000
-2.86359	0.92140	-7.94571	1	2140	20.00000	5.00000	-4.50000
				2141	21.00000	5.00000	-4.50000



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Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
-2.65860	0.78922	-6.28007	1	2142	22.00000	5.00000	-4.50000
-2.41380	0.67011	-4.93612	1	2143	23.00000	5.00000	-4.50000
-2.15315	0.56512	-3.84672	1	2144	24.00000	5.00000	-4.50000
-1.89548	0.47427	-2.96520	1	2145	25.00000	5.00000	-4.50000
-1.65333	0.39681	-2.25369	1	2146	26.00000	5.00000	-4.50000
-1.43362	0.33152	-1.68035	1	2147	27.00000	5.00000	-4.50000
-1.23900	0.27694	-1.21853	1	2148	28.00000	5.00000	-4.50000
-1.06941	0.23156	-0.84638	1	2149	29.00000	5.00000	-4.50000
-0.92320	0.19396	-0.54624	1	2150	30.00000	5.00000	-4.50000
-0.79797	0.16286	-0.30398	1	2151	-40.00000	12.00000	-4.50000
0.06271	-0.00005	0.52703	1	2152	-39.00000	12.00000	-4.50000
0.06845	-0.00005	0.53961	1	2153	-38.00000	12.00000	-4.50000
0.07486	-0.00004	0.55166	1	2154	-37.00000	12.00000	-4.50000
0.08204	-0.00004	0.56301	1	2155	-36.00000	12.00000	-4.50000
0.09009	-0.00003	0.57342	1	2156	-35.00000	12.00000	-4.50000
0.09915	-0.00002	0.58264	1	2157	-34.00000	12.00000	-4.50000
0.10937	-0.00001	0.59036	1	2158	-33.00000	12.00000	-4.50000
0.12094	0.00000	0.59620	1	2159	-32.00000	12.00000	-4.50000
0.13405	0.00002	0.59973	1	2160	-31.00000	12.00000	-4.50000
0.14897	0.00004	0.60042	1	2161	-30.00000	12.00000	-4.50000
0.16600	0.00006	0.59765	1	2162	-29.00000	12.00000	-4.50000
0.18550	0.00009	0.59067	1	2163	-28.00000	12.00000	-4.50000
0.20790	0.00011	0.57860	1	2164	-27.00000	12.00000	-4.50000
0.23372	0.00015	0.56037	1	2165	-26.00000	12.00000	-4.50000
0.26357	0.00018	0.53468	1	2166	-25.00000	12.00000	-4.50000
0.29822	0.00021	0.49997	1	2167	-24.00000	12.00000	-4.50000
0.33856	0.00023	0.45435	1	2168	-23.00000	12.00000	-4.50000
0.38570	0.00025	0.39549	1	2169	-22.00000	12.00000	-4.50000
0.44095	0.00023	0.32052	1	2170	-21.00000	12.00000	-4.50000
0.50590	0.00018	0.22589	1	2171	-20.00000	12.00000	-4.50000
0.58245	0.00006	0.10716	1	2172	-19.00000	12.00000	-4.50000
0.67287	-0.00015	-0.04122	1	2173	-18.00000	12.00000	-4.50000
0.77976	-0.00053	-0.22630	1	2174	-17.00000	12.00000	-4.50000
0.90612	-0.00112	-0.45700	1	2175	-16.00000	12.00000	-4.50000
1.05518	-0.00203	-0.74471	1	2176	-15.00000	12.00000	-4.50000
1.23025	-0.00337	-1.10392	1				



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517419		
Drg. Ref.		
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Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
1.43420	-0.00527	-1.55305	1	2177	-14.00000	12.00000	-4.50000
1.66877	-0.00786	-2.11536	1	2178	-13.00000	12.00000	-4.50000
1.93337	-0.01121	-2.81982	1	2179	-12.00000	12.00000	-4.50000
2.22352	-0.01526	-3.70209	1	2180	-11.00000	12.00000	-4.50000
2.52914	-0.01970	-4.80589	1	2181	-10.00000	12.00000	-4.50000
2.83325	-0.02383	-6.18656	1	2182	-9.00000	12.00000	-4.50000
3.11237	-0.02654	-7.92320	1	2183	-8.00000	12.00000	-4.50000
3.33931	-0.02635	-10.16486	1	2184	-7.00000	12.00000	-4.50000
3.48862	-0.02184	-13.40762	1	2185	-6.00000	12.00000	-4.50000
3.54282	-0.01226	-18.07418	1	2186	-5.00000	12.00000	-4.50000
3.49632	0.00178	-20.81407	1	2187	-4.00000	12.00000	-4.50000
3.35498	0.01798	-22.88908	1	2188	-3.00000	12.00000	-4.50000
3.13211	0.03266	-24.44184	1	2189	-2.00000	12.00000	-4.50000
2.84360	0.04166	-26.04988	1	2190	-1.00000	12.00000	-4.50000
2.50459	0.04150	-27.68689	1	2191	0.00000	12.00000	-4.50000
2.12841	0.03019	-29.11949	1	2192	1.00000	12.00000	-4.50000
1.72653	0.00744	-30.13651	1	2193	2.00000	12.00000	-4.50000
1.30880	-0.02569	-30.88567	1	2194	3.00000	12.00000	-4.50000
0.88340	-0.06735	-31.39937	1	2195	4.00000	12.00000	-4.50000
0.45670	-0.11543	-31.69369	1	2196	5.00000	12.00000	-4.50000
0.03352	-0.16783	-31.77745	1	2197	6.00000	12.00000	-4.50000
-0.38257	-0.22253	-31.65373	1	2198	7.00000	12.00000	-4.50000
-0.78868	-0.27752	-31.31871	1	2199	8.00000	12.00000	-4.50000
-1.18246	-0.33075	-30.75627	1	2200	9.00000	12.00000	-4.50000
-1.56205	-0.38004	-29.91023	1	2201	10.00000	12.00000	-4.50000
-1.92601	-0.42313	-28.64037	1	2202	11.00000	12.00000	-4.50000
-2.27258	-0.45778	-27.45582	1	2203	12.00000	12.00000	-4.50000
-2.59795	-0.48196	-26.16174	1	2204	13.00000	12.00000	-4.50000
-2.89395	-0.49416	-24.68665	1	2205	14.00000	12.00000	-4.50000
-3.14659	-0.49365	-22.97355	1	2206	15.00000	12.00000	-4.50000
-3.33686	-0.48069	-20.94457	1	2207	16.00000	12.00000	-4.50000
-3.44482	-0.45657	-18.42767	1	2208	17.00000	12.00000	-4.50000
-3.45616	-0.42347	-14.34257	1	2209	18.00000	12.00000	-4.50000
-3.36817	-0.38416	-11.02024	1	2210	19.00000	12.00000	-4.50000
-3.19195	-0.34155	-8.73111	1	2211	20.00000	12.00000	-4.50000
				2212	21.00000	12.00000	-4.50000



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Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
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Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
-2.94953	-0.29831	-6.92069	1	2213	22.00000	12.00000	-4.50000
-2.66773	-0.25664	-5.45379	1	2214	23.00000	12.00000	-4.50000
-2.37185	-0.21806	-4.26201	1	2215	24.00000	12.00000	-4.50000
-2.08176	-0.18348	-3.29653	1	2216	25.00000	12.00000	-4.50000
-1.81062	-0.15325	-2.51694	1	2217	26.00000	12.00000	-4.50000
-1.56555	-0.12735	-1.88883	1	2218	27.00000	12.00000	-4.50000
-1.34918	-0.10548	-1.38318	1	2219	28.00000	12.00000	-4.50000
-1.16118	-0.08723	-0.97606	1	2220	29.00000	12.00000	-4.50000
-0.99954	-0.07211	-0.64803	1	2221	30.00000	12.00000	-4.50000
-0.86147	-0.05965	-0.38356	1	2222	-40.00000	19.00000	-4.50000
0.05929	-0.00897	0.51948	1	2223	-39.00000	19.00000	-4.50000
0.06456	-0.00998	0.53206	1	2224	-38.00000	19.00000	-4.50000
0.07043	-0.01112	0.54420	1	2225	-37.00000	19.00000	-4.50000
0.07698	-0.01242	0.55575	1	2226	-36.00000	19.00000	-4.50000
0.08429	-0.01390	0.56649	1	2227	-35.00000	19.00000	-4.50000
0.09248	-0.01561	0.57621	1	2228	-34.00000	19.00000	-4.50000
0.10167	-0.01757	0.58463	1	2229	-33.00000	19.00000	-4.50000
0.11202	-0.01983	0.59144	1	2230	-32.00000	19.00000	-4.50000
0.12369	-0.02244	0.59626	1	2231	-31.00000	19.00000	-4.50000
0.13689	-0.02547	0.59864	1	2232	-30.00000	19.00000	-4.50000
0.15186	-0.02901	0.59806	1	2233	-29.00000	19.00000	-4.50000
0.16888	-0.03313	0.59390	1	2234	-28.00000	19.00000	-4.50000
0.18828	-0.03798	0.58543	1	2235	-27.00000	19.00000	-4.50000
0.21045	-0.04368	0.57177	1	2236	-26.00000	19.00000	-4.50000
0.23587	-0.05042	0.55189	1	2237	-25.00000	19.00000	-4.50000
0.26509	-0.05841	0.52456	1	2238	-24.00000	19.00000	-4.50000
0.29875	-0.06792	0.48828	1	2239	-23.00000	19.00000	-4.50000
0.33764	-0.07930	0.44129	1	2240	-22.00000	19.00000	-4.50000
0.38266	-0.09295	0.38144	1	2241	-21.00000	19.00000	-4.50000
0.43491	-0.10938	0.30613	1	2242	-20.00000	19.00000	-4.50000
0.49563	-0.12922	0.21221	1	2243	-19.00000	19.00000	-4.50000
0.56628	-0.15326	0.09582	1	2244	-18.00000	19.00000	-4.50000
0.64851	-0.18246	-0.04777	1	2245	-17.00000	19.00000	-4.50000
0.74419	-0.21796	-0.22436	1	2246	-16.00000	19.00000	-4.50000
0.85531	-0.26117	-0.44108	1	2247	-15.00000	19.00000	-4.50000
0.98389	-0.31370	-0.70672	1				



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517419		
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Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
1.13185	-0.37738	-1.03203	1	2248	-14.00000	19.00000	-4.50000
1.30064	-0.45419	-1.43008	1	2249	-13.00000	19.00000	-4.50000
1.49082	-0.54609	-1.91660	1	2250	-12.00000	19.00000	-4.50000
1.70143	-0.65473	-2.51015	1	2251	-11.00000	19.00000	-4.50000
1.92920	-0.78110	-3.23208	1	2252	-10.00000	19.00000	-4.50000
2.16766	-0.92502	-4.10622	1	2253	-9.00000	19.00000	-4.50000
2.40629	-1.08468	-5.15816	1	2254	-8.00000	19.00000	-4.50000
2.63004	-1.25640	-6.41481	1	2255	-7.00000	19.00000	-4.50000
2.81955	-1.43480	-7.90659	1	2256	-6.00000	19.00000	-4.50000
2.95254	-1.61346	-9.68002	1	2257	-5.00000	19.00000	-4.50000
3.00695	-1.78603	-11.84376	1	2258	-4.00000	19.00000	-4.50000
2.96552	-1.94726	-14.80148	1	2259	-3.00000	19.00000	-4.50000
2.82050	-2.09376	-19.18086	1	2260	-2.00000	19.00000	-4.50000
2.57622	-2.22409	-21.81129	1	2261	-1.00000	19.00000	-4.50000
2.24775	-2.33847	-23.61206	1	2262	0.00000	19.00000	-4.50000
1.85637	-2.43831	-24.93909	1	2263	1.00000	19.00000	-4.50000
1.42427	-2.52581	-25.89609	1	2264	2.00000	19.00000	-4.50000
0.97104	-2.60342	-26.53049	1	2265	3.00000	19.00000	-4.50000
0.51270	-2.67339	-26.86604	1	2266	4.00000	19.00000	-4.50000
0.06236	-2.73702	-26.91405	1	2267	5.00000	19.00000	-4.50000
-0.36886	-2.79403	-26.68118	1	2268	6.00000	19.00000	-4.50000
-0.77151	-2.84217	-26.17964	1	2269	7.00000	19.00000	-4.50000
-1.13820	-2.87747	-25.43640	1	2270	8.00000	19.00000	-4.50000
-1.46404	-2.89498	-24.47572	1	2271	9.00000	19.00000	-4.50000
-1.74663	-2.88973	-23.26015	1	2272	10.00000	19.00000	-4.50000
-1.98558	-2.85748	-21.60576	1	2273	11.00000	19.00000	-4.50000
-2.18188	-2.79503	-19.79795	1	2274	12.00000	19.00000	-4.50000
-2.33718	-2.70039	-16.86268	1	2275	13.00000	19.00000	-4.50000
-2.45281	-2.57297	-15.12364	1	2276	14.00000	19.00000	-4.50000
-2.52857	-2.41402	-13.60349	1	2277	15.00000	19.00000	-4.50000
-2.56215	-2.22725	-12.09331	1	2278	16.00000	19.00000	-4.50000
-2.54990	-2.01908	-10.46962	1	2279	17.00000	19.00000	-4.50000
-2.48924	-1.79834	-8.52327	1	2280	18.00000	19.00000	-4.50000
-2.38157	-1.57509	-6.75964	1	2281	19.00000	19.00000	-4.50000
-2.23363	-1.35905	-5.40843	1	2282	20.00000	19.00000	-4.50000
				2283	21.00000	19.00000	-4.50000



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Job No.	Sheet No.	Rev.
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Drg. Ref.		
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Ref.		Name		Ref.	x	y	z
x	y	z					
-2.05668	-1.15810	-4.30916	1	2284	22.00000	19.00000	-4.50000
-1.86392	-0.97738	-3.40224	1	2285	23.00000	19.00000	-4.50000
-1.66770	-0.81925	-2.65349	1	2286	24.00000	19.00000	-4.50000
-1.47776	-0.68377	-2.03709	1	2287	25.00000	19.00000	-4.50000
-1.30054	-0.56947	-1.53115	1	2288	26.00000	19.00000	-4.50000
-1.13957	-0.47408	-1.11676	1	2289	27.00000	19.00000	-4.50000
-0.99609	-0.39502	-0.77775	1	2290	28.00000	19.00000	-4.50000
-0.86988	-0.32974	-0.50059	1	2291	29.00000	19.00000	-4.50000
-0.75981	-0.27594	-0.27410	1	2292	30.00000	19.00000	-4.50000
-0.66436	-0.23160	-0.08918	1	2293	-40.00000	26.00000	-4.50000
0.05043	-0.01524	0.49858	1	2294	-39.00000	26.00000	-4.50000
0.05455	-0.01684	0.51109	1	2295	-38.00000	26.00000	-4.50000
0.05909	-0.01864	0.52336	1	2296	-37.00000	26.00000	-4.50000
0.06410	-0.02068	0.53528	1	2297	-36.00000	26.00000	-4.50000
0.06963	-0.02298	0.54672	1	2298	-35.00000	26.00000	-4.50000
0.07575	-0.02558	0.55751	1	2299	-34.00000	26.00000	-4.50000
0.08253	-0.02854	0.56749	1	2300	-33.00000	26.00000	-4.50000
0.09005	-0.03191	0.57644	1	2301	-32.00000	26.00000	-4.50000
0.09841	-0.03576	0.58412	1	2302	-31.00000	26.00000	-4.50000
0.10772	-0.04016	0.59025	1	2303	-30.00000	26.00000	-4.50000
0.11811	-0.04520	0.59451	1	2304	-29.00000	26.00000	-4.50000
0.12970	-0.05099	0.59652	1	2305	-28.00000	26.00000	-4.50000
0.14267	-0.05767	0.59585	1	2306	-27.00000	26.00000	-4.50000
0.15720	-0.06537	0.59199	1	2307	-26.00000	26.00000	-4.50000
0.17350	-0.07429	0.58437	1	2308	-25.00000	26.00000	-4.50000
0.19180	-0.08463	0.57232	1	2309	-24.00000	26.00000	-4.50000
0.21239	-0.09667	0.55506	1	2310	-23.00000	26.00000	-4.50000
0.23556	-0.11069	0.53170	1	2311	-22.00000	26.00000	-4.50000
0.26167	-0.12707	0.50119	1	2312	-21.00000	26.00000	-4.50000
0.29111	-0.14624	0.46234	1	2313	-20.00000	26.00000	-4.50000
0.32430	-0.16872	0.41373	1	2314	-19.00000	26.00000	-4.50000
0.36172	-0.19513	0.35374	1	2315	-18.00000	26.00000	-4.50000
0.40389	-0.22620	0.28046	1	2316	-17.00000	26.00000	-4.50000
0.45135	-0.26279	0.19168	1	2317	-16.00000	26.00000	-4.50000
0.50466	-0.30591	0.08479	1	2318	-15.00000	26.00000	-4.50000
0.56433	-0.35676	-0.04324	1				



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
0.63082	-0.41670	-0.19595	1	2319	-14.00000	26.00000	-4.50000
0.70443	-0.48728	-0.37748	1	2320	-13.00000	26.00000	-4.50000
0.78516	-0.57026	-0.59261	1	2321	-12.00000	26.00000	-4.50000
0.87252	-0.66751	-0.84678	1	2322	-11.00000	26.00000	-4.50000
0.96531	-0.78101	-1.14608	1	2323	-10.00000	26.00000	-4.50000
1.06123	-0.91260	-1.49705	1	2324	-9.00000	26.00000	-4.50000
1.15655	-1.06378	-1.90622	1	2325	-8.00000	26.00000	-4.50000
1.24578	-1.23526	-2.37938	1	2326	-7.00000	26.00000	-4.50000
1.32162	-1.42647	-2.92020	1	2327	-6.00000	26.00000	-4.50000
1.37535	-1.63495	-3.52818	1	2328	-5.00000	26.00000	-4.50000
1.39791	-1.85597	-4.19539	1	2329	-4.00000	26.00000	-4.50000
1.38145	-2.08253	-4.90188	1	2330	-3.00000	26.00000	-4.50000
1.32099	-2.30590	-5.61354	1	2331	-2.00000	26.00000	-4.50000
1.21528	-2.51670	-6.29031	1	2332	-1.00000	26.00000	-4.50000
1.06673	-2.70612	-6.90113	1	2333	0.00000	26.00000	-4.50000
0.88036	-2.86678	-7.43010	1	2334	1.00000	26.00000	-4.50000
0.66279	-2.99305	-7.87462	1	2335	2.00000	26.00000	-4.50000
0.42189	-3.08107	-8.23860	1	2336	3.00000	26.00000	-4.50000
0.16725	-3.12855	-8.49494	1	2337	4.00000	26.00000	-4.50000
-0.08943	-3.13489	-8.54716	1	2338	5.00000	26.00000	-4.50000
-0.33498	-3.10138	-8.34352	1	2339	6.00000	26.00000	-4.50000
-0.55663	-3.03139	-7.89908	1	2340	7.00000	26.00000	-4.50000
-0.74466	-2.93002	-7.30068	1	2341	8.00000	26.00000	-4.50000
-0.89412	-2.80340	-6.67378	1	2342	9.00000	26.00000	-4.50000
-1.00508	-2.65778	-6.06425	1	2343	10.00000	26.00000	-4.50000
-1.08121	-2.49877	-5.47824	1	2344	11.00000	26.00000	-4.50000
-1.12789	-2.33111	-4.91692	1	2345	12.00000	26.00000	-4.50000
-1.15062	-2.15862	-4.38158	1	2346	13.00000	26.00000	-4.50000
-1.15417	-1.98442	-3.87380	1	2347	14.00000	26.00000	-4.50000
-1.14234	-1.81112	-3.39493	1	2348	15.00000	26.00000	-4.50000
-1.11802	-1.64097	-2.94581	1	2349	16.00000	26.00000	-4.50000
-1.08338	-1.47596	-2.52684	1	2350	17.00000	26.00000	-4.50000
-1.04015	-1.31797	-2.13831	1	2351	18.00000	26.00000	-4.50000
-0.98986	-1.16868	-1.78055	1	2352	19.00000	26.00000	-4.50000
-0.93403	-1.02957	-1.45389	1	2353	20.00000	26.00000	-4.50000
				2354	21.00000	26.00000	-4.50000



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Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.	Name			Ref.	x	y	z
x	y	z					
-0.87430	-0.90177	-1.15839	1	2355	22.00000	26.00000	-4.50000
-0.81232	-0.78595	-0.89368	1	2356	23.00000	26.00000	-4.50000
-0.74975	-0.68234	-0.65881	1	2357	24.00000	26.00000	-4.50000
-0.68806	-0.59067	-0.45230	1	2358	25.00000	26.00000	-4.50000
-0.62845	-0.51034	-0.27225	1	2359	26.00000	26.00000	-4.50000
-0.57184	-0.44048	-0.11648	1	2360	27.00000	26.00000	-4.50000
-0.51882	-0.38009	0.01731	1	2361	28.00000	26.00000	-4.50000
-0.46974	-0.32810	0.13143	1	2362	29.00000	26.00000	-4.50000
-0.42471	-0.28348	0.22808	1	2363	30.00000	26.00000	-4.50000
-0.38370	-0.24525	0.30933	1	2364	-40.00000	33.00000	-4.50000
0.03930	-0.01784	0.46530	1	2365	-39.00000	33.00000	-4.50000
0.04211	-0.01953	0.47728	1	2366	-38.00000	33.00000	-4.50000
0.04516	-0.02140	0.48922	1	2367	-37.00000	33.00000	-4.50000
0.04846	-0.02349	0.50104	1	2368	-36.00000	33.00000	-4.50000
0.05206	-0.02582	0.51268	1	2369	-35.00000	33.00000	-4.50000
0.05597	-0.02842	0.52405	1	2370	-34.00000	33.00000	-4.50000
0.06022	-0.03132	0.53505	1	2371	-33.00000	33.00000	-4.50000
0.06484	-0.03457	0.54557	1	2372	-32.00000	33.00000	-4.50000
0.06988	-0.03821	0.55549	1	2373	-31.00000	33.00000	-4.50000
0.07536	-0.04229	0.56467	1	2374	-30.00000	33.00000	-4.50000
0.08133	-0.04688	0.57294	1	2375	-29.00000	33.00000	-4.50000
0.08784	-0.05203	0.58014	1	2376	-28.00000	33.00000	-4.50000
0.09493	-0.05784	0.58606	1	2377	-27.00000	33.00000	-4.50000
0.10265	-0.06439	0.59047	1	2378	-26.00000	33.00000	-4.50000
0.11106	-0.07177	0.59314	1	2379	-25.00000	33.00000	-4.50000
0.12022	-0.08012	0.59378	1	2380	-24.00000	33.00000	-4.50000
0.13017	-0.08955	0.59210	1	2381	-23.00000	33.00000	-4.50000
0.14097	-0.10023	0.58777	1	2382	-22.00000	33.00000	-4.50000
0.15269	-0.11232	0.58040	1	2383	-21.00000	33.00000	-4.50000
0.16537	-0.12602	0.56963	1	2384	-20.00000	33.00000	-4.50000
0.17905	-0.14154	0.55500	1	2385	-19.00000	33.00000	-4.50000
0.19377	-0.15914	0.53607	1	2386	-18.00000	33.00000	-4.50000
0.20953	-0.17907	0.51233	1	2387	-17.00000	33.00000	-4.50000
0.22633	-0.20165	0.48328	1	2388	-16.00000	33.00000	-4.50000
0.24409	-0.22719	0.44839	1	2389	-15.00000	33.00000	-4.50000
0.26273	-0.25605	0.40709	1				



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Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
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Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
0.28207	-0.28858	0.35887	1	2390	-14.00000	33.00000	-4.50000
0.30185	-0.32514	0.30321	1	2391	-13.00000	33.00000	-4.50000
0.32172	-0.36608	0.23968	1	2392	-12.00000	33.00000	-4.50000
0.34118	-0.41168	0.16793	1	2393	-11.00000	33.00000	-4.50000
0.35959	-0.46216	0.08781	1	2394	-10.00000	33.00000	-4.50000
0.37618	-0.51759	-0.00063	1	2395	-9.00000	33.00000	-4.50000
0.39001	-0.57784	-0.09702	1	2396	-8.00000	33.00000	-4.50000
0.40002	-0.64254	-0.20060	1	2397	-7.00000	33.00000	-4.50000
0.40507	-0.71101	-0.31014	1	2398	-6.00000	33.00000	-4.50000
0.40404	-0.78222	-0.42391	1	2399	-5.00000	33.00000	-4.50000
0.39590	-0.85479	-0.53966	1	2400	-4.00000	33.00000	-4.50000
0.37984	-0.92702	-0.65465	1	2401	-3.00000	33.00000	-4.50000
0.35535	-0.99696	-0.76579	1	2402	-2.00000	33.00000	-4.50000
0.32230	-1.06252	-0.86976	1	2403	-1.00000	33.00000	-4.50000
0.28097	-1.12155	-0.96316	1	2404	0.00000	33.00000	-4.50000
0.23211	-1.17200	-1.04272	1	2405	1.00000	33.00000	-4.50000
0.17687	-1.21206	-1.10548	1	2406	2.00000	33.00000	-4.50000
0.11685	-1.24023	-1.14895	1	2407	3.00000	33.00000	-4.50000
0.05398	-1.25548	-1.17136	1	2408	4.00000	33.00000	-4.50000
-0.00958	-1.25734	-1.17186	1	2409	5.00000	33.00000	-4.50000
-0.07158	-1.24600	-1.15066	1	2410	6.00000	33.00000	-4.50000
-0.12990	-1.22230	-1.10909	1	2411	7.00000	33.00000	-4.50000
-0.18281	-1.18761	-1.04943	1	2412	8.00000	33.00000	-4.50000
-0.22904	-1.14372	-0.97467	1	2413	9.00000	33.00000	-4.50000
-0.26791	-1.09260	-0.88815	1	2414	10.00000	33.00000	-4.50000
-0.29928	-1.03624	-0.79319	1	2415	11.00000	33.00000	-4.50000
-0.32342	-0.97645	-0.69287	1	2416	12.00000	33.00000	-4.50000
-0.34087	-0.91480	-0.58986	1	2417	13.00000	33.00000	-4.50000
-0.35234	-0.85257	-0.48636	1	2418	14.00000	33.00000	-4.50000
-0.35858	-0.79081	-0.38414	1	2419	15.00000	33.00000	-4.50000
-0.36032	-0.73033	-0.28461	1	2420	16.00000	33.00000	-4.50000
-0.35824	-0.67173	-0.18884	1	2421	17.00000	33.00000	-4.50000
-0.35294	-0.61548	-0.09765	1	2422	18.00000	33.00000	-4.50000
-0.34498	-0.56196	-0.01165	1	2423	19.00000	33.00000	-4.50000
-0.33485	-0.51140	0.06870	1	2424	20.00000	33.00000	-4.50000
				2425	21.00000	33.00000	-4.50000



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Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
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Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
-0.32299	-0.46399	0.14310	1	2426	22.00000	33.00000	-4.50000
-0.30980	-0.41982	0.21138	1	2427	23.00000	33.00000	-4.50000
-0.29567	-0.37894	0.27346	1	2428	24.00000	33.00000	-4.50000
-0.28091	-0.34133	0.32939	1	2429	25.00000	33.00000	-4.50000
-0.26582	-0.30691	0.37926	1	2430	26.00000	33.00000	-4.50000
-0.25065	-0.27556	0.42326	1	2431	27.00000	33.00000	-4.50000
-0.23561	-0.24715	0.46164	1	2432	28.00000	33.00000	-4.50000
-0.22089	-0.22148	0.49469	1	2433	29.00000	33.00000	-4.50000
-0.20662	-0.19838	0.52272	1	2434	30.00000	33.00000	-4.50000
-0.19290	-0.17765	0.54608	1	2435	-40.00000	40.00000	-4.50000
0.02873	-0.01741	0.42241	1	2436	-39.00000	40.00000	-4.50000
0.03045	-0.01886	0.43326	1	2437	-38.00000	40.00000	-4.50000
0.03229	-0.02045	0.44419	1	2438	-37.00000	40.00000	-4.50000
0.03424	-0.02219	0.45514	1	2439	-36.00000	40.00000	-4.50000
0.03633	-0.02409	0.46609	1	2440	-35.00000	40.00000	-4.50000
0.03855	-0.02618	0.47699	1	2441	-34.00000	40.00000	-4.50000
0.04092	-0.02847	0.48780	1	2442	-33.00000	40.00000	-4.50000
0.04343	-0.03099	0.49847	1	2443	-32.00000	40.00000	-4.50000
0.04611	-0.03375	0.50894	1	2444	-31.00000	40.00000	-4.50000
0.04895	-0.03679	0.51914	1	2445	-30.00000	40.00000	-4.50000
0.05196	-0.04012	0.52902	1	2446	-29.00000	40.00000	-4.50000
0.05515	-0.04379	0.53850	1	2447	-28.00000	40.00000	-4.50000
0.05852	-0.04782	0.54749	1	2448	-27.00000	40.00000	-4.50000
0.06209	-0.05225	0.55591	1	2449	-26.00000	40.00000	-4.50000
0.06583	-0.05712	0.56368	1	2450	-25.00000	40.00000	-4.50000
0.06977	-0.06248	0.57068	1	2451	-24.00000	40.00000	-4.50000
0.07389	-0.06836	0.57682	1	2452	-23.00000	40.00000	-4.50000
0.07818	-0.07481	0.58200	1	2453	-22.00000	40.00000	-4.50000
0.08263	-0.08189	0.58611	1	2454	-21.00000	40.00000	-4.50000
0.08723	-0.08964	0.58902	1	2455	-20.00000	40.00000	-4.50000
0.09194	-0.09813	0.59064	1	2456	-19.00000	40.00000	-4.50000
0.09673	-0.10740	0.59086	1	2457	-18.00000	40.00000	-4.50000
0.10156	-0.11750	0.58957	1	2458	-17.00000	40.00000	-4.50000
0.10638	-0.12849	0.58668	1	2459	-16.00000	40.00000	-4.50000
0.11110	-0.14041	0.58212	1	2460	-15.00000	40.00000	-4.50000
0.11567	-0.15329	0.57581	1				



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Job No.	Sheet No.	Rev.
517419		
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Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
0.11996	-0.16715	0.56771	1	2461	-14.00000	40.00000	-4.50000
0.12389	-0.18201	0.55782	1	2462	-13.00000	40.00000	-4.50000
0.12731	-0.19784	0.54616	1	2463	-12.00000	40.00000	-4.50000
0.13009	-0.21461	0.53277	1	2464	-11.00000	40.00000	-4.50000
0.13208	-0.23224	0.51778	1	2465	-10.00000	40.00000	-4.50000
0.13312	-0.25063	0.50133	1	2466	-9.00000	40.00000	-4.50000
0.13304	-0.26963	0.48363	1	2467	-8.00000	40.00000	-4.50000
0.13170	-0.28905	0.46496	1	2468	-7.00000	40.00000	-4.50000
0.12895	-0.30865	0.44561	1	2469	-6.00000	40.00000	-4.50000
0.12467	-0.32817	0.42597	1	2470	-5.00000	40.00000	-4.50000
0.11877	-0.34729	0.40645	1	2471	-4.00000	40.00000	-4.50000
0.11120	-0.36568	0.38749	1	2472	-3.00000	40.00000	-4.50000
0.10198	-0.38297	0.36954	1	2473	-2.00000	40.00000	-4.50000
0.09115	-0.39881	0.35308	1	2474	-1.00000	40.00000	-4.50000
0.07883	-0.41283	0.33855	1	2475	0.00000	40.00000	-4.50000
0.06520	-0.42473	0.32635	1	2476	1.00000	40.00000	-4.50000
0.05048	-0.43422	0.31684	1	2477	2.00000	40.00000	-4.50000
0.03493	-0.44108	0.31029	1	2478	3.00000	40.00000	-4.50000
0.01888	-0.44516	0.30690	1	2479	4.00000	40.00000	-4.50000
0.00263	-0.44638	0.30674	1	2480	5.00000	40.00000	-4.50000
-0.01348	-0.44476	0.30982	1	2481	6.00000	40.00000	-4.50000
-0.02914	-0.44038	0.31601	1	2482	7.00000	40.00000	-4.50000
-0.04406	-0.43340	0.32510	1	2483	8.00000	40.00000	-4.50000
-0.05800	-0.42406	0.33682	1	2484	9.00000	40.00000	-4.50000
-0.07076	-0.41261	0.35081	1	2485	10.00000	40.00000	-4.50000
-0.08221	-0.39937	0.36669	1	2486	11.00000	40.00000	-4.50000
-0.09225	-0.38463	0.38405	1	2487	12.00000	40.00000	-4.50000
-0.10085	-0.36873	0.40246	1	2488	13.00000	40.00000	-4.50000
-0.10801	-0.35194	0.42153	1	2489	14.00000	40.00000	-4.50000
-0.11376	-0.33457	0.44085	1	2490	15.00000	40.00000	-4.50000
-0.11817	-0.31685	0.46009	1	2491	16.00000	40.00000	-4.50000
-0.12133	-0.29903	0.47892	1	2492	17.00000	40.00000	-4.50000
-0.12333	-0.28130	0.49705	1	2493	18.00000	40.00000	-4.50000
-0.12428	-0.26382	0.51426	1	2494	19.00000	40.00000	-4.50000
-0.12429	-0.24674	0.53033	1	2495	20.00000	40.00000	-4.50000
				2496	21.00000	40.00000	-4.50000



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Job No.	Sheet No.	Rev.
517419		
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Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
-0.12347	-0.23018	0.54510	1	2497	22.00000	40.00000	-4.50000
-0.12191	-0.21423	0.55845	1	2498	23.00000	40.00000	-4.50000
-0.11974	-0.19896	0.57029	1	2499	24.00000	40.00000	-4.50000
-0.11705	-0.18442	0.58055	1	2500	25.00000	40.00000	-4.50000
-0.11393	-0.17064	0.58920	1	2501	26.00000	40.00000	-4.50000
-0.11046	-0.15764	0.59624	1	2502	27.00000	40.00000	-4.50000
-0.10673	-0.14544	0.60167	1	2503	28.00000	40.00000	-4.50000
-0.10281	-0.13402	0.60553	1	2504	29.00000	40.00000	-4.50000
-0.09875	-0.12338	0.60787	1	2505	30.00000	40.00000	-4.50000
-0.09462	-0.11348	0.60876	1	2506	-40.00000	-30.00000	-0.60000
-0.45081	-0.40263	0.33026	1	2507	-39.00000	-30.00000	-0.60000
-0.45726	-0.41730	0.33810	1	2508	-38.00000	-30.00000	-0.60000
-0.46361	-0.43254	0.34604	1	2509	-37.00000	-30.00000	-0.60000
-0.46985	-0.44836	0.35407	1	2510	-36.00000	-30.00000	-0.60000
-0.47593	-0.46478	0.36218	1	2511	-35.00000	-30.00000	-0.60000
-0.48185	-0.48180	0.37037	1	2512	-34.00000	-30.00000	-0.60000
-0.48756	-0.49945	0.37861	1	2513	-33.00000	-30.00000	-0.60000
-0.49304	-0.51773	0.38690	1	2514	-32.00000	-30.00000	-0.60000
-0.49825	-0.53665	0.39523	1	2515	-31.00000	-30.00000	-0.60000
-0.50314	-0.55623	0.40357	1	2516	-30.00000	-30.00000	-0.60000
-0.50768	-0.57646	0.41192	1	2517	-29.00000	-30.00000	-0.60000
-0.51183	-0.59736	0.42027	1	2518	-28.00000	-30.00000	-0.60000
-0.51554	-0.61892	0.42858	1	2519	-27.00000	-30.00000	-0.60000
-0.51875	-0.64114	0.43685	1	2520	-26.00000	-30.00000	-0.60000
-0.52143	-0.66401	0.44506	1	2521	-25.00000	-30.00000	-0.60000
-0.52350	-0.68753	0.45318	1	2522	-24.00000	-30.00000	-0.60000
-0.52493	-0.71167	0.46121	1	2523	-23.00000	-30.00000	-0.60000
-0.52564	-0.73642	0.46911	1	2524	-22.00000	-30.00000	-0.60000
-0.52557	-0.76176	0.47687	1	2525	-21.00000	-30.00000	-0.60000
-0.52467	-0.78764	0.48448	1	2526	-20.00000	-30.00000	-0.60000
-0.52287	-0.81402	0.49190	1	2527	-19.00000	-30.00000	-0.60000
-0.52010	-0.84088	0.49912	1	2528	-18.00000	-30.00000	-0.60000
-0.51630	-0.86814	0.50612	1	2529	-17.00000	-30.00000	-0.60000
-0.51140	-0.89575	0.51289	1	2530	-16.00000	-30.00000	-0.60000
-0.50535	-0.92364	0.51940	1	2531	-15.00000	-30.00000	-0.60000
-0.49808	-0.95172	0.52564	1				



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
-0.48953	-0.97992	0.53160	1	2532	-14.00000	-30.00000	-0.60000
-0.47964	-1.00814	0.53725	1	2533	-13.00000	-30.00000	-0.60000
-0.46838	-1.03626	0.54260	1	2534	-12.00000	-30.00000	-0.60000
-0.45569	-1.06419	0.54763	1	2535	-11.00000	-30.00000	-0.60000
-0.44154	-1.09179	0.55233	1	2536	-10.00000	-30.00000	-0.60000
-0.42591	-1.11893	0.55670	1	2537	-9.00000	-30.00000	-0.60000
-0.40877	-1.14549	0.56074	1	2538	-8.00000	-30.00000	-0.60000
-0.39012	-1.17133	0.56444	1	2539	-7.00000	-30.00000	-0.60000
-0.36996	-1.19628	0.56781	1	2540	-6.00000	-30.00000	-0.60000
-0.34831	-1.22022	0.57084	1	2541	-5.00000	-30.00000	-0.60000
-0.32521	-1.24298	0.57356	1	2542	-4.00000	-30.00000	-0.60000
-0.30070	-1.26441	0.57596	1	2543	-3.00000	-30.00000	-0.60000
-0.27484	-1.28438	0.57805	1	2544	-2.00000	-30.00000	-0.60000
-0.24771	-1.30273	0.57984	1	2545	-1.00000	-30.00000	-0.60000
-0.21939	-1.31933	0.58135	1	2546	0.00000	-30.00000	-0.60000
-0.18999	-1.33406	0.58258	1	2547	1.00000	-30.00000	-0.60000
-0.15962	-1.34678	0.58355	1	2548	2.00000	-30.00000	-0.60000
-0.12842	-1.35741	0.58426	1	2549	3.00000	-30.00000	-0.60000
-0.09654	-1.36584	0.58473	1	2550	4.00000	-30.00000	-0.60000
-0.06411	-1.37200	0.58496	1	2551	5.00000	-30.00000	-0.60000
-0.03129	-1.37584	0.58497	1	2552	6.00000	-30.00000	-0.60000
0.00174	-1.37732	0.58476	1	2553	7.00000	-30.00000	-0.60000
0.03482	-1.37642	0.58433	1	2554	8.00000	-30.00000	-0.60000
0.06778	-1.37313	0.58368	1	2555	9.00000	-30.00000	-0.60000
0.10045	-1.36748	0.58283	1	2556	10.00000	-30.00000	-0.60000
0.13267	-1.35952	0.58176	1	2557	11.00000	-30.00000	-0.60000
0.16428	-1.34929	0.58047	1	2558	12.00000	-30.00000	-0.60000
0.19512	-1.33688	0.57896	1	2559	13.00000	-30.00000	-0.60000
0.22504	-1.32238	0.57723	1	2560	14.00000	-30.00000	-0.60000
0.25393	-1.30590	0.57525	1	2561	15.00000	-30.00000	-0.60000
0.28166	-1.28757	0.57303	1	2562	16.00000	-30.00000	-0.60000
0.30812	-1.26752	0.57056	1	2563	17.00000	-30.00000	-0.60000
0.33323	-1.24589	0.56783	1	2564	18.00000	-30.00000	-0.60000
0.35690	-1.22283	0.56482	1	2565	19.00000	-30.00000	-0.60000
0.37908	-1.19851	0.56154	1	2566	20.00000	-30.00000	-0.60000
				2567	21.00000	-30.00000	-0.60000



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Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Set:				Result: Coordinates: Coordinates: Coordinates:			
Displacements:	Displacements:	Displacements:		Ref.	x	y	z
Ref.		Name					
x	y	z					
0.39973	-1.17306	0.55797	1	2568	22.00000	-30.00000	-0.60000
0.41881	-1.14667	0.55410	1	2569	23.00000	-30.00000	-0.60000
0.43632	-1.11948	0.54994	1	2570	24.00000	-30.00000	-0.60000
0.45225	-1.09164	0.54548	1	2571	25.00000	-30.00000	-0.60000
0.46662	-1.06330	0.54071	1	2572	26.00000	-30.00000	-0.60000
0.47945	-1.03461	0.53565	1	2573	27.00000	-30.00000	-0.60000
0.49078	-1.00570	0.53029	1	2574	28.00000	-30.00000	-0.60000
0.50064	-0.97669	0.52464	1	2575	29.00000	-30.00000	-0.60000
0.50910	-0.94770	0.51871	1	2576	30.00000	-30.00000	-0.60000
0.51621	-0.91884	0.51250	1	2577	-40.00000	-23.00000	-0.60000
-0.56190	-0.41797	0.37966	1	2578	-39.00000	-23.00000	-0.60000
-0.57319	-0.43570	0.38924	1	2579	-38.00000	-23.00000	-0.60000
-0.58458	-0.45428	0.39893	1	2580	-37.00000	-23.00000	-0.60000
-0.59603	-0.47377	0.40872	1	2581	-36.00000	-23.00000	-0.60000
-0.60752	-0.49419	0.41859	1	2582	-35.00000	-23.00000	-0.60000
-0.61903	-0.51560	0.42853	1	2583	-34.00000	-23.00000	-0.60000
-0.63050	-0.53802	0.43850	1	2584	-33.00000	-23.00000	-0.60000
-0.64191	-0.56152	0.44849	1	2585	-32.00000	-23.00000	-0.60000
-0.65320	-0.58611	0.45848	1	2586	-31.00000	-23.00000	-0.60000
-0.66434	-0.61186	0.46843	1	2587	-30.00000	-23.00000	-0.60000
-0.67526	-0.63878	0.47832	1	2588	-29.00000	-23.00000	-0.60000
-0.68590	-0.66694	0.48812	1	2589	-28.00000	-23.00000	-0.60000
-0.69620	-0.69635	0.49779	1	2590	-27.00000	-23.00000	-0.60000
-0.70607	-0.72705	0.50730	1	2591	-26.00000	-23.00000	-0.60000
-0.71544	-0.75907	0.51660	1	2592	-25.00000	-23.00000	-0.60000
-0.72421	-0.79244	0.52568	1	2593	-24.00000	-23.00000	-0.60000
-0.73229	-0.82717	0.53447	1	2594	-23.00000	-23.00000	-0.60000
-0.73957	-0.86326	0.54295	1	2595	-22.00000	-23.00000	-0.60000
-0.74593	-0.90074	0.55108	1	2596	-21.00000	-23.00000	-0.60000
-0.75126	-0.93957	0.55880	1	2597	-20.00000	-23.00000	-0.60000
-0.75543	-0.97976	0.56609	1	2598	-19.00000	-23.00000	-0.60000
-0.75829	-1.02126	0.57291	1	2599	-18.00000	-23.00000	-0.60000
-0.75970	-1.06402	0.57921	1	2600	-17.00000	-23.00000	-0.60000
-0.75951	-1.10800	0.58496	1	2601	-16.00000	-23.00000	-0.60000
-0.75756	-1.15309	0.59014	1	2602	-15.00000	-23.00000	-0.60000
-0.75371	-1.19921	0.59472	1				



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
-0.74778	-1.24622	0.59868	1	2603	-14.00000	-23.00000	-0.60000
-0.73961	-1.29399	0.60199	1	2604	-13.00000	-23.00000	-0.60000
-0.72905	-1.34234	0.60466	1	2605	-12.00000	-23.00000	-0.60000
-0.71595	-1.39109	0.60669	1	2606	-11.00000	-23.00000	-0.60000
-0.70017	-1.43999	0.60808	1	2607	-10.00000	-23.00000	-0.60000
-0.68157	-1.48882	0.60884	1	2608	-9.00000	-23.00000	-0.60000
-0.66005	-1.53730	0.60902	1	2609	-8.00000	-23.00000	-0.60000
-0.63551	-1.58512	0.60863	1	2610	-7.00000	-23.00000	-0.60000
-0.60789	-1.63198	0.60774	1	2611	-6.00000	-23.00000	-0.60000
-0.57714	-1.67752	0.60639	1	2612	-5.00000	-23.00000	-0.60000
-0.54327	-1.72141	0.60465	1	2613	-4.00000	-23.00000	-0.60000
-0.50631	-1.76327	0.60258	1	2614	-3.00000	-23.00000	-0.60000
-0.46632	-1.80274	0.60026	1	2615	-2.00000	-23.00000	-0.60000
-0.42343	-1.83944	0.59777	1	2616	-1.00000	-23.00000	-0.60000
-0.37778	-1.87302	0.59520	1	2617	0.00000	-23.00000	-0.60000
-0.32959	-1.90312	0.59262	1	2618	1.00000	-23.00000	-0.60000
-0.27908	-1.92942	0.59011	1	2619	2.00000	-23.00000	-0.60000
-0.22654	-1.95163	0.58775	1	2620	3.00000	-23.00000	-0.60000
-0.17230	-1.96949	0.58560	1	2621	4.00000	-23.00000	-0.60000
-0.11668	-1.98278	0.58372	1	2622	5.00000	-23.00000	-0.60000
-0.06009	-1.99133	0.58217	1	2623	6.00000	-23.00000	-0.60000
-0.00289	-1.99502	0.58098	1	2624	7.00000	-23.00000	-0.60000
0.05448	-1.99379	0.58016	1	2625	8.00000	-23.00000	-0.60000
0.11163	-1.98763	0.57974	1	2626	9.00000	-23.00000	-0.60000
0.16814	-1.97660	0.57970	1	2627	10.00000	-23.00000	-0.60000
0.22360	-1.96080	0.58003	1	2628	11.00000	-23.00000	-0.60000
0.27764	-1.94038	0.58070	1	2629	12.00000	-23.00000	-0.60000
0.32988	-1.91557	0.58166	1	2630	13.00000	-23.00000	-0.60000
0.37999	-1.88661	0.58286	1	2631	14.00000	-23.00000	-0.60000
0.42767	-1.85381	0.58423	1	2632	15.00000	-23.00000	-0.60000
0.47267	-1.81749	0.58571	1	2633	16.00000	-23.00000	-0.60000
0.51476	-1.77803	0.58720	1	2634	17.00000	-23.00000	-0.60000
0.55378	-1.73579	0.58864	1	2635	18.00000	-23.00000	-0.60000
0.58959	-1.69117	0.58994	1	2636	19.00000	-23.00000	-0.60000
0.62212	-1.64457	0.59102	1	2637	20.00000	-23.00000	-0.60000
				2638	21.00000	-23.00000	-0.60000



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Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
0.65134	-1.59638	0.59181	1	2639	22.00000	-23.00000	-0.60000
0.67724	-1.54698	0.59222	1	2640	23.00000	-23.00000	-0.60000
0.69988	-1.49675	0.59220	1	2641	24.00000	-23.00000	-0.60000
0.71933	-1.44602	0.59170	1	2642	25.00000	-23.00000	-0.60000
0.73570	-1.39513	0.59066	1	2643	26.00000	-23.00000	-0.60000
0.74914	-1.34436	0.58904	1	2644	27.00000	-23.00000	-0.60000
0.75978	-1.29398	0.58683	1	2645	28.00000	-23.00000	-0.60000
0.76781	-1.24422	0.58400	1	2646	29.00000	-23.00000	-0.60000
0.77340	-1.19529	0.58055	1	2647	30.00000	-23.00000	-0.60000
0.77672	-1.14736	0.57648	1	2648	-40.00000	-16.00000	-0.60000
-0.69167	-0.41129	0.42791	1	2649	-39.00000	-16.00000	-0.60000
-0.70998	-0.43144	0.43908	1	2650	-38.00000	-16.00000	-0.60000
-0.72878	-0.45279	0.45034	1	2651	-37.00000	-16.00000	-0.60000
-0.74806	-0.47542	0.46165	1	2652	-36.00000	-16.00000	-0.60000
-0.76780	-0.49942	0.47298	1	2653	-35.00000	-16.00000	-0.60000
-0.78801	-0.52486	0.48429	1	2654	-34.00000	-16.00000	-0.60000
-0.80865	-0.55185	0.49553	1	2655	-33.00000	-16.00000	-0.60000
-0.82970	-0.58049	0.50666	1	2656	-32.00000	-16.00000	-0.60000
-0.85113	-0.61086	0.51763	1	2657	-31.00000	-16.00000	-0.60000
-0.87290	-0.64309	0.52837	1	2658	-30.00000	-16.00000	-0.60000
-0.89496	-0.67729	0.53882	1	2659	-29.00000	-16.00000	-0.60000
-0.91725	-0.71356	0.54890	1	2660	-28.00000	-16.00000	-0.60000
-0.93969	-0.75203	0.55855	1	2661	-27.00000	-16.00000	-0.60000
-0.96221	-0.79282	0.56766	1	2662	-26.00000	-16.00000	-0.60000
-0.98470	-0.83606	0.57617	1	2663	-25.00000	-16.00000	-0.60000
-1.00704	-0.88187	0.58396	1	2664	-24.00000	-16.00000	-0.60000
-1.02911	-0.93037	0.59095	1	2665	-23.00000	-16.00000	-0.60000
-1.05074	-0.98169	0.59702	1	2666	-22.00000	-16.00000	-0.60000
-1.07176	-1.03594	0.60207	1	2667	-21.00000	-16.00000	-0.60000
-1.09197	-1.09322	0.60598	1	2668	-20.00000	-16.00000	-0.60000
-1.11114	-1.15364	0.60864	1	2669	-19.00000	-16.00000	-0.60000
-1.12903	-1.21728	0.60994	1	2670	-18.00000	-16.00000	-0.60000
-1.14535	-1.28420	0.60977	1	2671	-17.00000	-16.00000	-0.60000
-1.15978	-1.35443	0.60802	1	2672	-16.00000	-16.00000	-0.60000
-1.17200	-1.42799	0.60459	1	2673	-15.00000	-16.00000	-0.60000
-1.18162	-1.50483	0.59940	1				



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
-1.18826	-1.58490	0.59237	1	2674	-14.00000	-16.00000	-0.60000
-1.19148	-1.66806	0.58344	1	2675	-13.00000	-16.00000	-0.60000
-1.19083	-1.75414	0.57258	1	2676	-12.00000	-16.00000	-0.60000
-1.18585	-1.84288	0.55979	1	2677	-11.00000	-16.00000	-0.60000
-1.17605	-1.93395	0.54509	1	2678	-10.00000	-16.00000	-0.60000
-1.16095	-2.02696	0.52855	1	2679	-9.00000	-16.00000	-0.60000
-1.14007	-2.12139	0.51028	1	2680	-8.00000	-16.00000	-0.60000
-1.11296	-2.21667	0.49043	1	2681	-7.00000	-16.00000	-0.60000
-1.07919	-2.31208	0.46921	1	2682	-6.00000	-16.00000	-0.60000
-1.03839	-2.40685	0.44687	1	2683	-5.00000	-16.00000	-0.60000
-0.99029	-2.50008	0.42371	1	2684	-4.00000	-16.00000	-0.60000
-0.93468	-2.59080	0.40010	1	2685	-3.00000	-16.00000	-0.60000
-0.87150	-2.67797	0.37642	1	2686	-2.00000	-16.00000	-0.60000
-0.80079	-2.76052	0.35311	1	2687	-1.00000	-16.00000	-0.60000
-0.72278	-2.83733	0.33061	1	2688	0.00000	-16.00000	-0.60000
-0.63783	-2.90732	0.30937	1	2689	1.00000	-16.00000	-0.60000
-0.54647	-2.96942	0.28983	1	2690	2.00000	-16.00000	-0.60000
-0.44936	-3.02268	0.27241	1	2691	3.00000	-16.00000	-0.60000
-0.34734	-3.06623	0.25750	1	2692	4.00000	-16.00000	-0.60000
-0.24131	-3.09934	0.24541	1	2693	5.00000	-16.00000	-0.60000
-0.13233	-3.12144	0.23642	1	2694	6.00000	-16.00000	-0.60000
-0.02148	-3.13211	0.23072	1	2695	7.00000	-16.00000	-0.60000
0.09008	-3.13114	0.22843	1	2696	8.00000	-16.00000	-0.60000
0.20120	-3.11846	0.22961	1	2697	9.00000	-16.00000	-0.60000
0.31071	-3.09423	0.23421	1	2698	10.00000	-16.00000	-0.60000
0.41749	-3.05874	0.24215	1	2699	11.00000	-16.00000	-0.60000
0.52046	-3.01250	0.25323	1	2700	12.00000	-16.00000	-0.60000
0.61860	-2.95614	0.26721	1	2701	13.00000	-16.00000	-0.60000
0.71102	-2.89046	0.28379	1	2702	14.00000	-16.00000	-0.60000
0.79693	-2.81641	0.30259	1	2703	15.00000	-16.00000	-0.60000
0.87567	-2.73500	0.32321	1	2704	16.00000	-16.00000	-0.60000
0.94675	-2.64737	0.34519	1	2705	17.00000	-16.00000	-0.60000
1.00983	-2.55470	0.36809	1	2706	18.00000	-16.00000	-0.60000
1.06473	-2.45816	0.39141	1	2707	19.00000	-16.00000	-0.60000
1.11146	-2.35893	0.41472	1	2708	20.00000	-16.00000	-0.60000
				2709	21.00000	-16.00000	-0.60000



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
1.15016	-2.25814	0.43758	1	2710	22.00000	-16.00000	-0.60000
1.18113	-2.15685	0.45959	1	2711	23.00000	-16.00000	-0.60000
1.20475	-2.05599	0.48043	1	2712	24.00000	-16.00000	-0.60000
1.22151	-1.95640	0.49979	1	2713	25.00000	-16.00000	-0.60000
1.23198	-1.85880	0.51745	1	2714	26.00000	-16.00000	-0.60000
1.23674	-1.76376	0.53324	1	2715	27.00000	-16.00000	-0.60000
1.23639	-1.67175	0.54706	1	2716	28.00000	-16.00000	-0.60000
1.23154	-1.58312	0.55883	1	2717	29.00000	-16.00000	-0.60000
1.22277	-1.49811	0.56854	1	2718	30.00000	-16.00000	-0.60000
1.21063	-1.41689	0.57622	1	2719	-40.00000	-9.00000	-0.60000
-0.83156	-0.37032	0.47047	1	2720	-39.00000	-9.00000	-0.60000
-0.85899	-0.39097	0.48278	1	2721	-38.00000	-9.00000	-0.60000
-0.88759	-0.41310	0.49507	1	2722	-37.00000	-9.00000	-0.60000
-0.91741	-0.43682	0.50727	1	2723	-36.00000	-9.00000	-0.60000
-0.94850	-0.46228	0.51932	1	2724	-35.00000	-9.00000	-0.60000
-0.98090	-0.48961	0.53113	1	2725	-34.00000	-9.00000	-0.60000
-1.01465	-0.51899	0.54262	1	2726	-33.00000	-9.00000	-0.60000
-1.04980	-0.55059	0.55367	1	2727	-32.00000	-9.00000	-0.60000
-1.08639	-0.58459	0.56417	1	2728	-31.00000	-9.00000	-0.60000
-1.12445	-0.62122	0.57398	1	2729	-30.00000	-9.00000	-0.60000
-1.16402	-0.66070	0.58295	1	2730	-29.00000	-9.00000	-0.60000
-1.20510	-0.70328	0.59090	1	2731	-28.00000	-9.00000	-0.60000
-1.24770	-0.74922	0.59766	1	2732	-27.00000	-9.00000	-0.60000
-1.29183	-0.79883	0.60301	1	2733	-26.00000	-9.00000	-0.60000
-1.33745	-0.85242	0.60671	1	2734	-25.00000	-9.00000	-0.60000
-1.38451	-0.91033	0.60850	1	2735	-24.00000	-9.00000	-0.60000
-1.43295	-0.97293	0.60811	1	2736	-23.00000	-9.00000	-0.60000
-1.48266	-1.04061	0.60522	1	2737	-22.00000	-9.00000	-0.60000
-1.53350	-1.11378	0.59950	1	2738	-21.00000	-9.00000	-0.60000
-1.58527	-1.19289	0.59058	1	2739	-20.00000	-9.00000	-0.60000
-1.63774	-1.27839	0.57806	1	2740	-19.00000	-9.00000	-0.60000
-1.69059	-1.37076	0.56155	1	2741	-18.00000	-9.00000	-0.60000
-1.74346	-1.47046	0.54058	1	2742	-17.00000	-9.00000	-0.60000
-1.79587	-1.57800	0.51471	1	2743	-16.00000	-9.00000	-0.60000
-1.84728	-1.69383	0.48346	1	2744	-15.00000	-9.00000	-0.60000
-1.89702	-1.81841	0.44634	1				



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Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
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Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
-1.94433	-1.95215	0.40287	1	2745	-14.00000	-9.00000	-0.60000
-1.98829	-2.09539	0.35258	1	2746	-13.00000	-9.00000	-0.60000
-2.02789	-2.24842	0.29503	1	2747	-12.00000	-9.00000	-0.60000
-2.06193	-2.41139	0.22981	1	2748	-11.00000	-9.00000	-0.60000
-2.08908	-2.58432	0.15660	1	2749	-10.00000	-9.00000	-0.60000
-2.10784	-2.76707	0.07517	1	2750	-9.00000	-9.00000	-0.60000
-2.11653	-2.95925	-0.01456	1	2751	-8.00000	-9.00000	-0.60000
-2.11333	-3.16020	-0.11248	1	2752	-7.00000	-9.00000	-0.60000
-2.09624	-3.36889	-0.21821	1	2753	-6.00000	-9.00000	-0.60000
-2.06315	-3.58387	-0.33106	1	2754	-5.00000	-9.00000	-0.60000
-2.01193	-3.80313	-0.44991	1	2755	-4.00000	-9.00000	-0.60000
-1.94056	-4.02407	-0.57318	1	2756	-3.00000	-9.00000	-0.60000
-1.84730	-4.24345	-0.69882	1	2757	-2.00000	-9.00000	-0.60000
-1.73094	-4.45742	-0.82430	1	2758	-1.00000	-9.00000	-0.60000
-1.59102	-4.66170	-0.94676	1	2759	0.00000	-9.00000	-0.60000
-1.42797	-4.85183	-1.06315	1	2760	1.00000	-9.00000	-0.60000
-1.24322	-5.02344	-1.17045	1	2761	2.00000	-9.00000	-0.60000
-1.03903	-5.17256	-1.26587	1	2762	3.00000	-9.00000	-0.60000
-0.81837	-5.29588	-1.34706	1	2763	4.00000	-9.00000	-0.60000
-0.58467	-5.39084	-1.41211	1	2764	5.00000	-9.00000	-0.60000
-0.34154	-5.45566	-1.45969	1	2765	6.00000	-9.00000	-0.60000
-0.09263	-5.48927	-1.48892	1	2766	7.00000	-9.00000	-0.60000
0.15848	-5.49122	-1.49933	1	2767	8.00000	-9.00000	-0.60000
0.40836	-5.46157	-1.49085	1	2768	9.00000	-9.00000	-0.60000
0.65370	-5.40084	-1.46369	1	2769	10.00000	-9.00000	-0.60000
0.89126	-5.30992	-1.41834	1	2770	11.00000	-9.00000	-0.60000
1.11787	-5.19014	-1.35559	1	2771	12.00000	-9.00000	-0.60000
1.33043	-5.04327	-1.27656	1	2772	13.00000	-9.00000	-0.60000
1.52589	-4.87162	-1.18273	1	2773	14.00000	-9.00000	-0.60000
1.70143	-4.67813	-1.07603	1	2774	15.00000	-9.00000	-0.60000
1.85459	-4.46633	-0.95879	1	2775	16.00000	-9.00000	-0.60000
1.98349	-4.24036	-0.83376	1	2776	17.00000	-9.00000	-0.60000
2.08705	-4.00479	-0.70397	1	2777	18.00000	-9.00000	-0.60000
2.16515	-3.76432	-0.57257	1	2778	19.00000	-9.00000	-0.60000
2.21864	-3.52355	-0.44257	1	2779	20.00000	-9.00000	-0.60000
				2780	21.00000	-9.00000	-0.60000



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Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
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Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
2.24928	-3.28657	-0.31669	1	2781	22.00000	-9.00000	-0.60000
2.25945	-3.05681	-0.19716	1	2782	23.00000	-9.00000	-0.60000
2.25193	-2.83690	-0.08568	1	2783	24.00000	-9.00000	-0.60000
2.22965	-2.62865	0.01665	1	2784	25.00000	-9.00000	-0.60000
2.19543	-2.43313	0.10922	1	2785	26.00000	-9.00000	-0.60000
2.15187	-2.25083	0.19187	1	2786	27.00000	-9.00000	-0.60000
2.10127	-2.08174	0.26476	1	2787	28.00000	-9.00000	-0.60000
2.04558	-1.92553	0.32828	1	2788	29.00000	-9.00000	-0.60000
1.98644	-1.78164	0.38300	1	2789	30.00000	-9.00000	-0.60000
1.92516	-1.64938	0.42956	1	2790	-40.00000	-2.00000	-0.60000
-0.96319	-0.28491	0.50297	1	2791	-39.00000	-2.00000	-0.60000
-1.00065	-0.30258	0.51578	1	2792	-38.00000	-2.00000	-0.60000
-1.04020	-0.32170	0.52837	1	2793	-37.00000	-2.00000	-0.60000
-1.08199	-0.34241	0.54063	1	2794	-36.00000	-2.00000	-0.60000
-1.12618	-0.36489	0.55245	1	2795	-35.00000	-2.00000	-0.60000
-1.17294	-0.38932	0.56365	1	2796	-34.00000	-2.00000	-0.60000
-1.22246	-0.41590	0.57408	1	2797	-33.00000	-2.00000	-0.60000
-1.27492	-0.44488	0.58353	1	2798	-32.00000	-2.00000	-0.60000
-1.33054	-0.47650	0.59175	1	2799	-31.00000	-2.00000	-0.60000
-1.38955	-0.51107	0.59848	1	2800	-30.00000	-2.00000	-0.60000
-1.45219	-0.54893	0.60340	1	2801	-29.00000	-2.00000	-0.60000
-1.51871	-0.59045	0.60614	1	2802	-28.00000	-2.00000	-0.60000
-1.58938	-0.63606	0.60629	1	2803	-27.00000	-2.00000	-0.60000
-1.66449	-0.68626	0.60336	1	2804	-26.00000	-2.00000	-0.60000
-1.74433	-0.74159	0.59679	1	2805	-25.00000	-2.00000	-0.60000
-1.82922	-0.80268	0.58593	1	2806	-24.00000	-2.00000	-0.60000
-1.91947	-0.87025	0.57005	1	2807	-23.00000	-2.00000	-0.60000
-2.01538	-0.94511	0.54829	1	2808	-22.00000	-2.00000	-0.60000
-2.11725	-1.02817	0.51968	1	2809	-21.00000	-2.00000	-0.60000
-2.22537	-1.12048	0.48309	1	2810	-20.00000	-2.00000	-0.60000
-2.33997	-1.22320	0.43725	1	2811	-19.00000	-2.00000	-0.60000
-2.46122	-1.33767	0.38068	1	2812	-18.00000	-2.00000	-0.60000
-2.58921	-1.46536	0.31172	1	2813	-17.00000	-2.00000	-0.60000
-2.72387	-1.60791	0.22846	1	2814	-16.00000	-2.00000	-0.60000
-2.86500	-1.76713	0.12876	1	2815	-15.00000	-2.00000	-0.60000
-3.01210	-1.94494	0.01023	1				



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Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
-3.16443	-2.14342	-0.12980	1	2816	-14.00000	-2.00000	-0.60000
-3.32082	-2.36468	-0.29425	1	2817	-13.00000	-2.00000	-0.60000
-3.47970	-2.61082	-0.48629	1	2818	-12.00000	-2.00000	-0.60000
-3.63898	-2.88377	-0.70930	1	2819	-11.00000	-2.00000	-0.60000
-3.79610	-3.18525	-0.96685	1	2820	-10.00000	-2.00000	-0.60000
-3.94796	-3.51655	-1.26266	1	2821	-9.00000	-2.00000	-0.60000
-4.09106	-3.87853	-1.60066	1	2822	-8.00000	-2.00000	-0.60000
-4.22142	-4.27164	-1.98502	1	2823	-7.00000	-2.00000	-0.60000
-4.33438	-4.69611	-2.42030	1	2824	-6.00000	-2.00000	-0.60000
-4.42392	-5.15207	-2.91150	1	2825	-5.00000	-2.00000	-0.60000
-4.48140	-5.63956	-3.46381	1	2826	-4.00000	-2.00000	-0.60000
-4.49378	-6.15763	-4.08153	1	2827	-3.00000	-2.00000	-0.60000
-4.44231	-6.70219	-4.76512	1	2828	-2.00000	-2.00000	-0.60000
-4.30386	-7.26255	-5.50499	1	2829	-1.00000	-2.00000	-0.60000
-4.05782	-7.81846	-6.27144	1	2830	0.00000	-2.00000	-0.60000
-3.69724	-8.34209	-7.01198	1	2831	1.00000	-2.00000	-0.60000
-3.23482	-8.80621	-7.67502	1	2832	2.00000	-2.00000	-0.60000
-2.69666	-9.19236	-8.23231	1	2833	3.00000	-2.00000	-0.60000
-2.11085	-9.49277	-8.67526	1	2834	4.00000	-2.00000	-0.60000
-1.50018	-9.70726	-9.00625	1	2835	5.00000	-2.00000	-0.60000
-0.88056	-9.83943	-9.23267	1	2836	6.00000	-2.00000	-0.60000
-0.26209	-9.89403	-9.36182	1	2837	7.00000	-2.00000	-0.60000
0.34908	-9.87557	-9.39913	1	2838	8.00000	-2.00000	-0.60000
0.94918	-9.78775	-9.34901	1	2839	9.00000	-2.00000	-0.60000
1.53568	-9.63322	-9.21426	1	2840	10.00000	-2.00000	-0.60000
2.10640	-9.41350	-8.99582	1	2841	11.00000	-2.00000	-0.60000
2.65846	-9.12891	-8.69292	1	2842	12.00000	-2.00000	-0.60000
3.18695	-8.77861	-8.30257	1	2843	13.00000	-2.00000	-0.60000
3.68310	-8.36134	-7.82049	1	2844	14.00000	-2.00000	-0.60000
4.13236	-7.87699	-7.24259	1	2845	15.00000	-2.00000	-0.60000
4.51351	-7.32954	-6.56872	1	2846	16.00000	-2.00000	-0.60000
4.80106	-6.73094	-5.81090	1	2847	17.00000	-2.00000	-0.60000
4.97342	-6.10370	-5.00290	1	2848	18.00000	-2.00000	-0.60000
5.02438	-5.47784	-4.20001	1	2849	19.00000	-2.00000	-0.60000
4.96804	-4.88198	-3.45332	1	2850	20.00000	-2.00000	-0.60000
				2851	21.00000	-2.00000	-0.60000



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Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.	Name			Ref.	x	y	z
4.83141	-4.33523	-2.78899	1	2852	22.00000	-2.00000	-0.60000
4.64299	-3.84580	-2.21318	1	2853	23.00000	-2.00000	-0.60000
4.42609	-3.41408	-1.72190	1	2854	24.00000	-2.00000	-0.60000
4.19730	-3.03620	-1.30692	1	2855	25.00000	-2.00000	-0.60000
3.96745	-2.70654	-0.95871	1	2856	26.00000	-2.00000	-0.60000
3.74320	-2.41910	-0.66788	1	2857	27.00000	-2.00000	-0.60000
3.52834	-2.16825	-0.42580	1	2858	28.00000	-2.00000	-0.60000
3.32486	-1.94889	-0.22487	1	2859	29.00000	-2.00000	-0.60000
3.13356	-1.75661	-0.05853	1	2860	30.00000	-2.00000	-0.60000
2.95459	-1.58761	0.07877	1	2861	-40.00000	5.00000	-0.60000
-1.05964	-0.15459	0.52264	1	2862	-39.00000	5.00000	-0.60000
-1.10531	-0.16493	0.53543	1	2863	-38.00000	5.00000	-0.60000
-1.15396	-0.17620	0.54780	1	2864	-37.00000	5.00000	-0.60000
-1.20585	-0.18851	0.55958	1	2865	-36.00000	5.00000	-0.60000
-1.26125	-0.20198	0.57058	1	2866	-35.00000	5.00000	-0.60000
-1.32050	-0.21675	0.58058	1	2867	-34.00000	5.00000	-0.60000
-1.38394	-0.23298	0.58930	1	2868	-33.00000	5.00000	-0.60000
-1.45198	-0.25084	0.59643	1	2869	-32.00000	5.00000	-0.60000
-1.52505	-0.27056	0.60159	1	2870	-31.00000	5.00000	-0.60000
-1.60365	-0.29237	0.60433	1	2871	-30.00000	5.00000	-0.60000
-1.68834	-0.31656	0.60414	1	2872	-29.00000	5.00000	-0.60000
-1.77974	-0.34344	0.60039	1	2873	-28.00000	5.00000	-0.60000
-1.87855	-0.37341	0.59235	1	2874	-27.00000	5.00000	-0.60000
-1.98558	-0.40691	0.57915	1	2875	-26.00000	5.00000	-0.60000
-2.10170	-0.44446	0.55974	1	2876	-25.00000	5.00000	-0.60000
-2.22794	-0.48668	0.53289	1	2877	-24.00000	5.00000	-0.60000
-2.36542	-0.53432	0.49712	1	2878	-23.00000	5.00000	-0.60000
-2.51546	-0.58823	0.45062	1	2879	-22.00000	5.00000	-0.60000
-2.67949	-0.64948	0.39125	1	2880	-21.00000	5.00000	-0.60000
-2.85918	-0.71932	0.31638	1	2881	-20.00000	5.00000	-0.60000
-3.05636	-0.79924	0.22283	1	2882	-19.00000	5.00000	-0.60000
-3.27309	-0.89108	0.10671	1	2883	-18.00000	5.00000	-0.60000
-3.51164	-0.99704	-0.03679	1	2884	-17.00000	5.00000	-0.60000
-3.77446	-1.11981	-0.21355	1	2885	-16.00000	5.00000	-0.60000
-4.06412	-1.26264	-0.43086	1	2886	-15.00000	5.00000	-0.60000
-4.38316	-1.42947	-0.69773	1				



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517419		
Drg. Ref.		
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Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
-4.73384	-1.62505	-1.02529	1	2887	-14.00000	5.00000	-0.60000
-5.11765	-1.85499	-1.42724	1	2888	-13.00000	5.00000	-0.60000
-5.53450	-2.12581	-1.92039	1	2889	-12.00000	5.00000	-0.60000
-5.98139	-2.44469	-2.52511	1	2890	-11.00000	5.00000	-0.60000
-6.45036	-2.81883	-3.26566	1	2891	-10.00000	5.00000	-0.60000
-6.92560	-3.25394	-4.16967	1	2892	-9.00000	5.00000	-0.60000
-7.38028	-3.75124	-5.26602	1	2893	-8.00000	5.00000	-0.60000
-7.77543	-4.30243	-6.57923	1	2894	-7.00000	5.00000	-0.60000
-8.06711	-4.88388	-8.11577	1	2895	-6.00000	5.00000	-0.60000
-8.22577	-5.45597	-9.79538	1	2896	-5.00000	5.00000	-0.60000
-8.25190	-5.97405	-11.49996	1	2897	-4.00000	5.00000	-0.60000
-8.16288	-6.40380	-13.24102	1	2898	-3.00000	5.00000	-0.60000
-7.96112	-6.72812	-15.05947	1	2899	-2.00000	5.00000	-0.60000
-7.61471	-6.94667	-17.05053	1	2900	-1.00000	5.00000	-0.60000
-7.07115	-7.07439	-19.66953	1	2901	0.00000	5.00000	-0.60000
-6.30647	-7.13702	-22.02410	1	2902	1.00000	5.00000	-0.60000
-5.35933	-7.15988	-23.61504	1	2903	2.00000	5.00000	-0.60000
-4.30317	-7.15790	-24.89653	1	2904	3.00000	5.00000	-0.60000
-3.20169	-7.13507	-25.82005	1	2905	4.00000	5.00000	-0.60000
-2.09355	-7.08924	-26.29779	1	2906	5.00000	5.00000	-0.60000
-0.99724	-7.01610	-26.63411	1	2907	6.00000	5.00000	-0.60000
0.08004	-6.91138	-26.86141	1	2908	7.00000	5.00000	-0.60000
1.13525	-6.77177	-26.73151	1	2909	8.00000	5.00000	-0.60000
2.16451	-6.59559	-26.34163	1	2910	9.00000	5.00000	-0.60000
3.16177	-6.38319	-25.78083	1	2911	10.00000	5.00000	-0.60000
4.12334	-6.13697	-24.95102	1	2912	11.00000	5.00000	-0.60000
5.05401	-5.86034	-24.14308	1	2913	12.00000	5.00000	-0.60000
5.96261	-5.55631	-23.05966	1	2914	13.00000	5.00000	-0.60000
6.84778	-5.22710	-21.71579	1	2915	14.00000	5.00000	-0.60000
7.68434	-4.87504	-20.16776	1	2916	15.00000	5.00000	-0.60000
8.41369	-4.50391	-18.31992	1	2917	16.00000	5.00000	-0.60000
8.94428	-4.12005	-16.09719	1	2918	17.00000	5.00000	-0.60000
9.18202	-3.73252	-12.99881	1	2919	18.00000	5.00000	-0.60000
9.09359	-3.35196	-10.21222	1	2920	19.00000	5.00000	-0.60000
8.73740	-2.98872	-8.06479	1	2921	20.00000	5.00000	-0.60000
				2922	21.00000	5.00000	-0.60000



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517419		
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Made by HM	Date 20-Dec-2022	Checked Date

Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.	Name			Ref.	x	y	z
x	y	z					
8.21785	-2.65096	-6.33719	1	2923	22.00000	5.00000	-0.60000
7.62766	-2.34371	-4.95186	1	2924	23.00000	5.00000	-0.60000
7.02801	-2.06889	-3.84353	1	2925	24.00000	5.00000	-0.60000
6.45298	-1.82609	-2.95651	1	2926	25.00000	5.00000	-0.60000
5.91881	-1.61332	-2.24547	1	2927	26.00000	5.00000	-0.60000
5.43130	-1.42783	-1.67439	1	2928	27.00000	5.00000	-0.60000
4.99065	-1.26653	-1.21479	1	2929	28.00000	5.00000	-0.60000
4.59429	-1.12642	-0.84422	1	2930	29.00000	5.00000	-0.60000
4.23845	-1.00465	-0.54498	1	2931	30.00000	5.00000	-0.60000
3.91903	-0.89870	-0.30310	1	2932	-40.00000	12.00000	-0.60000
-1.09468	0.00484	0.52864	1	2933	-39.00000	12.00000	-0.60000
-1.14356	0.00502	0.54130	1	2934	-38.00000	12.00000	-0.60000
-1.19580	0.00521	0.55345	1	2935	-37.00000	12.00000	-0.60000
-1.25169	0.00540	0.56489	1	2936	-36.00000	12.00000	-0.60000
-1.31158	0.00560	0.57540	1	2937	-35.00000	12.00000	-0.60000
-1.37588	0.00581	0.58472	1	2938	-34.00000	12.00000	-0.60000
-1.44501	0.00602	0.59253	1	2939	-33.00000	12.00000	-0.60000
-1.51948	0.00624	0.59846	1	2940	-32.00000	12.00000	-0.60000
-1.59983	0.00646	0.60207	1	2941	-31.00000	12.00000	-0.60000
-1.68671	0.00670	0.60282	1	2942	-30.00000	12.00000	-0.60000
-1.78084	0.00693	0.60011	1	2943	-29.00000	12.00000	-0.60000
-1.88304	0.00718	0.59316	1	2944	-28.00000	12.00000	-0.60000
-1.99424	0.00744	0.58110	1	2945	-27.00000	12.00000	-0.60000
-2.11552	0.00770	0.56284	1	2946	-26.00000	12.00000	-0.60000
-2.24812	0.00798	0.53710	1	2947	-25.00000	12.00000	-0.60000
-2.39347	0.00828	0.50229	1	2948	-24.00000	12.00000	-0.60000
-2.55321	0.00862	0.45653	1	2949	-23.00000	12.00000	-0.60000
-2.72927	0.00900	0.39748	1	2950	-22.00000	12.00000	-0.60000
-2.92386	0.00945	0.32229	1	2951	-21.00000	12.00000	-0.60000
-3.13958	0.01000	0.22742	1	2952	-20.00000	12.00000	-0.60000
-3.37943	0.01071	0.10848	1	2953	-19.00000	12.00000	-0.60000
-3.64691	0.01164	-0.04003	1	2954	-18.00000	12.00000	-0.60000
-3.94608	0.01293	-0.22504	1	2955	-17.00000	12.00000	-0.60000
-4.28159	0.01471	-0.45534	1	2956	-16.00000	12.00000	-0.60000
-4.65869	0.01724	-0.74215	1	2957	-15.00000	12.00000	-0.60000
-5.08313	0.02084	-1.09984	1				



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Drg. Ref.		
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Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
-5.56087	0.02596	-1.54695	1	2958	-14.00000	12.00000	-0.60000
-6.09740	0.03319	-2.10747	1	2959	-13.00000	12.00000	-0.60000
-6.69629	0.04325	-2.81262	1	2960	-12.00000	12.00000	-0.60000
-7.35648	0.05691	-3.70301	1	2961	-11.00000	12.00000	-0.60000
-8.06740	0.07470	-4.83108	1	2962	-10.00000	12.00000	-0.60000
-8.80087	0.09642	-6.26255	1	2963	-9.00000	12.00000	-0.60000
-9.49987	0.12027	-8.07378	1	2964	-8.00000	12.00000	-0.60000
-10.06963	0.14186	-10.34385	1	2965	-7.00000	12.00000	-0.60000
-10.39119	0.15410	-13.19874	1	2966	-6.00000	12.00000	-0.60000
-10.37920	0.14922	-16.53084	1	2967	-5.00000	12.00000	-0.60000
-10.04200	0.12336	-19.13969	1	2968	-4.00000	12.00000	-0.60000
-9.46115	0.08101	-21.50099	1	2969	-3.00000	12.00000	-0.60000
-8.72034	0.03553	-23.38085	1	2970	-2.00000	12.00000	-0.60000
-7.86649	0.00390	-25.04297	1	2971	-1.00000	12.00000	-0.60000
-6.91660	-0.00074	-26.78945	1	2972	0.00000	12.00000	-0.60000
-5.88202	0.02655	-28.06771	1	2973	1.00000	12.00000	-0.60000
-4.78246	0.08354	-29.03717	1	2974	2.00000	12.00000	-0.60000
-3.64226	0.16450	-29.85009	1	2975	3.00000	12.00000	-0.60000
-2.48199	0.26319	-30.41494	1	2976	4.00000	12.00000	-0.60000
-1.31576	0.37415	-30.61253	1	2977	5.00000	12.00000	-0.60000
-0.15277	0.49282	-30.69711	1	2978	6.00000	12.00000	-0.60000
0.99988	0.61523	-30.67790	1	2979	7.00000	12.00000	-0.60000
2.13412	0.73758	-30.30918	1	2980	8.00000	12.00000	-0.60000
3.23860	0.85592	-29.67815	1	2981	9.00000	12.00000	-0.60000
4.29933	0.96596	-28.86144	1	2982	10.00000	12.00000	-0.60000
5.30656	1.06299	-27.76617	1	2983	11.00000	12.00000	-0.60000
6.26263	1.14211	-26.68929	1	2984	12.00000	12.00000	-0.60000
7.17752	1.19862	-25.34932	1	2985	13.00000	12.00000	-0.60000
8.05260	1.22874	-23.75883	1	2986	14.00000	12.00000	-0.60000
8.86511	1.23040	-21.96960	1	2987	15.00000	12.00000	-0.60000
9.55772	1.20386	-19.88879	1	2988	16.00000	12.00000	-0.60000
10.03913	1.15189	-17.44384	1	2989	17.00000	12.00000	-0.60000
10.21546	1.07945	-14.13980	1	2990	18.00000	12.00000	-0.60000
10.05465	0.99283	-11.16739	1	2991	19.00000	12.00000	-0.60000
9.61794	0.89867	-8.85151	1	2992	20.00000	12.00000	-0.60000
				2993	21.00000	12.00000	-0.60000



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Drg. Ref.		
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Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
9.01368	0.80290	-6.97712	1	2994	22.00000	12.00000	-0.60000
8.33876	0.71016	-5.46771	1	2995	23.00000	12.00000	-0.60000
7.65782	0.62360	-4.25674	1	2996	24.00000	12.00000	-0.60000
7.00730	0.54498	-3.28604	1	2997	25.00000	12.00000	-0.60000
6.40473	0.47497	-2.50741	1	2998	26.00000	12.00000	-0.60000
5.85633	0.41351	-1.88204	1	2999	27.00000	12.00000	-0.60000
5.36216	0.36007	-1.37898	1	3000	28.00000	12.00000	-0.60000
4.91912	0.31391	-0.97370	1	3001	29.00000	12.00000	-0.60000
4.52281	0.27418	-0.64675	1	3002	30.00000	12.00000	-0.60000
4.16839	0.24005	-0.38274	1	3003	-40.00000	19.00000	-0.60000
-1.05716	0.16402	0.52104	1	3004	-39.00000	19.00000	-0.60000
-1.10275	0.17471	0.53371	1	3005	-38.00000	19.00000	-0.60000
-1.15131	0.18635	0.54594	1	3006	-37.00000	19.00000	-0.60000
-1.20310	0.19905	0.55758	1	3007	-36.00000	19.00000	-0.60000
-1.25842	0.21292	0.56841	1	3008	-35.00000	19.00000	-0.60000
-1.31758	0.22810	0.57823	1	3009	-34.00000	19.00000	-0.60000
-1.38094	0.24475	0.58674	1	3010	-33.00000	19.00000	-0.60000
-1.44889	0.26305	0.59364	1	3011	-32.00000	19.00000	-0.60000
-1.52189	0.28321	0.59854	1	3012	-31.00000	19.00000	-0.60000
-1.60043	0.30547	0.60099	1	3013	-30.00000	19.00000	-0.60000
-1.68507	0.33010	0.60048	1	3014	-29.00000	19.00000	-0.60000
-1.77642	0.35743	0.59636	1	3015	-28.00000	19.00000	-0.60000
-1.87520	0.38784	0.58792	1	3016	-27.00000	19.00000	-0.60000
-1.98220	0.42176	0.57426	1	3017	-26.00000	19.00000	-0.60000
-2.09831	0.45969	0.55434	1	3018	-25.00000	19.00000	-0.60000
-2.22454	0.50226	0.52694	1	3019	-24.00000	19.00000	-0.60000
-2.36203	0.55015	0.49055	1	3020	-23.00000	19.00000	-0.60000
-2.51205	0.60421	0.44339	1	3021	-22.00000	19.00000	-0.60000
-2.67605	0.66544	0.38333	1	3022	-21.00000	19.00000	-0.60000
-2.85566	0.73500	0.30778	1	3023	-20.00000	19.00000	-0.60000
-3.05269	0.81431	0.21358	1	3024	-19.00000	19.00000	-0.60000
-3.26915	0.90503	0.09690	1	3025	-18.00000	19.00000	-0.60000
-3.50728	1.00914	-0.04692	1	3026	-17.00000	19.00000	-0.60000
-3.76946	1.12899	-0.22361	1	3027	-16.00000	19.00000	-0.60000
-4.05823	1.26737	-0.44021	1	3028	-15.00000	19.00000	-0.60000
-4.37614	1.42753	-0.70536	1				



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517419		
Drg. Ref.		
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Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
-4.72557	1.61319	-1.02965	1	3029	-14.00000	19.00000	-0.60000
-5.10842	1.82853	-1.42604	1	3030	-13.00000	19.00000	-0.60000
-5.52554	2.07801	-1.91030	1	3031	-12.00000	19.00000	-0.60000
-5.97600	2.36598	-2.50141	1	3032	-11.00000	19.00000	-0.60000
-6.45585	2.69597	-3.22198	1	3033	-10.00000	19.00000	-0.60000
-6.95659	3.06942	-4.09844	1	3034	-9.00000	19.00000	-0.60000
-7.46316	3.48392	-5.16108	1	3035	-8.00000	19.00000	-0.60000
-7.95168	3.93121	-6.44409	1	3036	-7.00000	19.00000	-0.60000
-8.38629	4.39622	-7.98617	1	3037	-6.00000	19.00000	-0.60000
-8.71387	4.85881	-9.83241	1	3038	-5.00000	19.00000	-0.60000
-8.85767	5.29875	-12.03978	1	3039	-4.00000	19.00000	-0.60000
-8.72451	5.70145	-14.73728	1	3040	-3.00000	19.00000	-0.60000
-8.24985	6.06058	-17.98482	1	3041	-2.00000	19.00000	-0.60000
-7.45312	6.37644	-20.40839	1	3042	-1.00000	19.00000	-0.60000
-6.42602	6.65249	-22.44992	1	3043	0.00000	19.00000	-0.60000
-5.26844	6.89326	-23.78874	1	3044	1.00000	19.00000	-0.60000
-4.04949	7.10435	-24.75507	1	3045	2.00000	19.00000	-0.60000
-2.80725	7.29324	-25.47601	1	3046	3.00000	19.00000	-0.60000
-1.56294	7.46916	-25.86077	1	3047	4.00000	19.00000	-0.60000
-0.33434	7.64069	-25.78730	1	3048	5.00000	19.00000	-0.60000
0.85666	7.81108	-25.53296	1	3049	6.00000	19.00000	-0.60000
1.98453	7.97360	-25.12953	1	3050	7.00000	19.00000	-0.60000
3.02741	8.11073	-24.33972	1	3051	8.00000	19.00000	-0.60000
3.97335	8.20050	-23.26878	1	3052	9.00000	19.00000	-0.60000
4.81732	8.22581	-22.04045	1	3053	10.00000	19.00000	-0.60000
5.55309	8.17857	-20.54913	1	3054	11.00000	19.00000	-0.60000
6.17098	8.05530	-18.97905	1	3055	12.00000	19.00000	-0.60000
6.66697	7.84992	-16.73204	1	3056	13.00000	19.00000	-0.60000
7.05505	7.55324	-15.03403	1	3057	14.00000	19.00000	-0.60000
7.35747	7.15936	-13.47389	1	3058	15.00000	19.00000	-0.60000
7.57808	6.67107	-11.92514	1	3059	16.00000	19.00000	-0.60000
7.69184	6.10343	-10.30666	1	3060	17.00000	19.00000	-0.60000
7.66206	5.48688	-8.50006	1	3061	18.00000	19.00000	-0.60000
7.47519	4.86337	-6.81558	1	3062	19.00000	19.00000	-0.60000
7.15885	4.27184	-5.45078	1	3063	20.00000	19.00000	-0.60000
				3064	21.00000	19.00000	-0.60000



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Job No.	Sheet No.	Rev.
517419		
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Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.	Name			Ref.	x	y	z
x	y	z					
6.76272	3.73608	-4.32833	1	3065	22.00000	19.00000	-0.60000
6.33223	3.26434	-3.40675	1	3066	23.00000	19.00000	-0.60000
5.89859	2.85529	-2.65174	1	3067	24.00000	19.00000	-0.60000
5.48012	2.50319	-2.03388	1	3068	25.00000	19.00000	-0.60000
5.08627	2.20090	-1.52843	1	3069	26.00000	19.00000	-0.60000
4.72098	1.94136	-1.11496	1	3070	27.00000	19.00000	-0.60000
4.38506	1.71816	-0.77668	1	3071	28.00000	19.00000	-0.60000
4.07761	1.52573	-0.49991	1	3072	29.00000	19.00000	-0.60000
3.79690	1.35935	-0.27350	1	3073	30.00000	19.00000	-0.60000
3.54083	1.21503	-0.08845	1	3074	-40.00000	26.00000	-0.60000
-0.95831	0.29356	0.50000	1	3075	-39.00000	26.00000	-0.60000
-0.99557	0.31157	0.51259	1	3076	-38.00000	26.00000	-0.60000
-1.03492	0.33105	0.52495	1	3077	-37.00000	26.00000	-0.60000
-1.07651	0.35215	0.53696	1	3078	-36.00000	26.00000	-0.60000
-1.12050	0.37502	0.54848	1	3079	-35.00000	26.00000	-0.60000
-1.16707	0.39987	0.55936	1	3080	-34.00000	26.00000	-0.60000
-1.21639	0.42689	0.56943	1	3081	-33.00000	26.00000	-0.60000
-1.26867	0.45633	0.57847	1	3082	-32.00000	26.00000	-0.60000
-1.32412	0.48844	0.58624	1	3083	-31.00000	26.00000	-0.60000
-1.38297	0.52353	0.59246	1	3084	-30.00000	26.00000	-0.60000
-1.44548	0.56193	0.59679	1	3085	-29.00000	26.00000	-0.60000
-1.51191	0.60402	0.59887	1	3086	-28.00000	26.00000	-0.60000
-1.58255	0.65024	0.59826	1	3087	-27.00000	26.00000	-0.60000
-1.65769	0.70107	0.59444	1	3088	-26.00000	26.00000	-0.60000
-1.73765	0.75708	0.58685	1	3089	-25.00000	26.00000	-0.60000
-1.82278	0.81888	0.57480	1	3090	-24.00000	26.00000	-0.60000
-1.91341	0.88721	0.55751	1	3091	-23.00000	26.00000	-0.60000
-2.00992	0.96288	0.53409	1	3092	-22.00000	26.00000	-0.60000
-2.11265	1.04681	0.50349	1	3093	-21.00000	26.00000	-0.60000
-2.22199	1.14006	0.46450	1	3094	-20.00000	26.00000	-0.60000
-2.33826	1.24384	0.41571	1	3095	-19.00000	26.00000	-0.60000
-2.46180	1.35952	0.35550	1	3096	-18.00000	26.00000	-0.60000
-2.59288	1.48863	0.28196	1	3097	-17.00000	26.00000	-0.60000
-2.73169	1.63294	0.19288	1	3098	-16.00000	26.00000	-0.60000
-2.87832	1.79443	0.08570	1	3099	-15.00000	26.00000	-0.60000
-3.03268	1.97535	-0.04261	1				



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
-3.19447	2.17823	-0.19553	1	3100	-14.00000	26.00000	-0.60000
-3.36303	2.40589	-0.37713	1	3101	-13.00000	26.00000	-0.60000
-3.53721	2.66150	-0.59213	1	3102	-12.00000	26.00000	-0.60000
-3.71517	2.94855	-0.84593	1	3103	-11.00000	26.00000	-0.60000
-3.89399	3.27089	-1.14461	1	3104	-10.00000	26.00000	-0.60000
-4.06919	3.63258	-1.49487	1	3105	-9.00000	26.00000	-0.60000
-4.23395	4.03769	-1.90369	1	3106	-8.00000	26.00000	-0.60000
-4.37810	4.48969	-2.37771	1	3107	-7.00000	26.00000	-0.60000
-4.48700	4.99031	-2.92187	1	3108	-6.00000	26.00000	-0.60000
-4.54089	5.53750	-3.53690	1	3109	-5.00000	26.00000	-0.60000
-4.51608	6.12260	-4.21521	1	3110	-4.00000	26.00000	-0.60000
-4.38955	6.72780	-4.93580	1	3111	-3.00000	26.00000	-0.60000
-4.14688	7.32669	-5.66293	1	3112	-2.00000	26.00000	-0.60000
-3.78851	7.88992	-6.35546	1	3113	-1.00000	26.00000	-0.60000
-3.32781	8.39281	-6.98154	1	3114	0.00000	26.00000	-0.60000
-2.78222	8.81934	-7.52490	1	3115	1.00000	26.00000	-0.60000
-2.16457	9.16032	-7.98117	1	3116	2.00000	26.00000	-0.60000
-1.48103	9.40803	-8.34681	1	3117	3.00000	26.00000	-0.60000
-0.73955	9.55152	-8.58814	1	3118	4.00000	26.00000	-0.60000
0.03522	9.57809	-8.62320	1	3119	5.00000	26.00000	-0.60000
0.79689	9.48186	-8.40956	1	3120	6.00000	26.00000	-0.60000
1.49072	9.27188	-7.96316	1	3121	7.00000	26.00000	-0.60000
2.07647	8.97241	-7.36208	1	3122	8.00000	26.00000	-0.60000
2.54403	8.61358	-6.71960	1	3123	9.00000	26.00000	-0.60000
2.90821	8.21971	-6.09065	1	3124	10.00000	26.00000	-0.60000
3.19121	7.80522	-5.48987	1	3125	11.00000	26.00000	-0.60000
3.41090	7.37780	-4.91982	1	3126	12.00000	26.00000	-0.60000
3.57877	6.94252	-4.38022	1	3127	13.00000	26.00000	-0.60000
3.70195	6.50393	-3.87088	1	3128	14.00000	26.00000	-0.60000
3.78546	6.06644	-3.39190	1	3129	15.00000	26.00000	-0.60000
3.83312	5.63407	-2.94333	1	3130	16.00000	26.00000	-0.60000
3.84802	5.21061	-2.52513	1	3131	17.00000	26.00000	-0.60000
3.83277	4.79975	-2.13734	1	3132	18.00000	26.00000	-0.60000
3.79006	4.40522	-1.78018	1	3133	19.00000	26.00000	-0.60000
3.72301	4.03055	-1.45393	1	3134	20.00000	26.00000	-0.60000
				3135	21.00000	26.00000	-0.60000



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
3.63537	3.67867	-1.15867	1	3136	22.00000	26.00000	-0.60000
3.53127	3.35161	-0.89404	1	3137	23.00000	26.00000	-0.60000
3.41495	3.05037	-0.65912	1	3138	24.00000	26.00000	-0.60000
3.29039	2.77494	-0.45245	1	3139	25.00000	26.00000	-0.60000
3.16105	2.52455	-0.27215	1	3140	26.00000	26.00000	-0.60000
3.02983	2.29785	-0.11608	1	3141	27.00000	26.00000	-0.60000
2.89899	2.09320	0.01805	1	3142	28.00000	26.00000	-0.60000
2.77025	1.90877	0.13250	1	3143	29.00000	26.00000	-0.60000
2.64485	1.74272	0.22947	1	3144	30.00000	26.00000	-0.60000
2.52364	1.59326	0.31101	1	3145	-40.00000	33.00000	-0.60000
-0.82450	0.37760	0.46653	1	3146	-39.00000	33.00000	-0.60000
-0.85162	0.39854	0.47858	1	3147	-38.00000	33.00000	-0.60000
-0.87989	0.42097	0.49059	1	3148	-37.00000	33.00000	-0.60000
-0.90936	0.44502	0.50248	1	3149	-36.00000	33.00000	-0.60000
-0.94008	0.47082	0.51420	1	3150	-35.00000	33.00000	-0.60000
-0.97210	0.49853	0.52564	1	3151	-34.00000	33.00000	-0.60000
-1.00546	0.52831	0.53673	1	3152	-33.00000	33.00000	-0.60000
-1.04020	0.56034	0.54733	1	3153	-32.00000	33.00000	-0.60000
-1.07637	0.59482	0.55733	1	3154	-31.00000	33.00000	-0.60000
-1.11400	0.63196	0.56659	1	3155	-30.00000	33.00000	-0.60000
-1.15311	0.67201	0.57495	1	3156	-29.00000	33.00000	-0.60000
-1.19373	0.71521	0.58223	1	3157	-28.00000	33.00000	-0.60000
-1.23587	0.76184	0.58822	1	3158	-27.00000	33.00000	-0.60000
-1.27951	0.81223	0.59271	1	3159	-26.00000	33.00000	-0.60000
-1.32464	0.86668	0.59545	1	3160	-25.00000	33.00000	-0.60000
-1.37120	0.92558	0.59615	1	3161	-24.00000	33.00000	-0.60000
-1.41914	0.98931	0.59451	1	3162	-23.00000	33.00000	-0.60000
-1.46833	1.05828	0.59021	1	3163	-22.00000	33.00000	-0.60000
-1.51863	1.13296	0.58287	1	3164	-21.00000	33.00000	-0.60000
-1.56985	1.21382	0.57209	1	3165	-20.00000	33.00000	-0.60000
-1.62172	1.30137	0.55745	1	3166	-19.00000	33.00000	-0.60000
-1.67391	1.39616	0.53847	1	3167	-18.00000	33.00000	-0.60000
-1.72599	1.49874	0.51467	1	3168	-17.00000	33.00000	-0.60000
-1.77746	1.60970	0.48552	1	3169	-16.00000	33.00000	-0.60000
-1.82764	1.72959	0.45050	1	3170	-15.00000	33.00000	-0.60000
-1.87575	1.85898	0.40905	1				



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
-1.92081	1.99840	0.36065	1	3171	-14.00000	33.00000	-0.60000
-1.96165	2.14828	0.30479	1	3172	-13.00000	33.00000	-0.60000
-1.99689	2.30896	0.24104	1	3173	-12.00000	33.00000	-0.60000
-2.02487	2.48060	0.16907	1	3174	-11.00000	33.00000	-0.60000
-2.04370	2.66309	0.08871	1	3175	-10.00000	33.00000	-0.60000
-2.05123	2.85599	0.00005	1	3176	-9.00000	33.00000	-0.60000
-2.04508	3.05840	-0.09653	1	3177	-8.00000	33.00000	-0.60000
-2.02273	3.26886	-0.20028	1	3178	-7.00000	33.00000	-0.60000
-1.98163	3.48525	-0.30995	1	3179	-6.00000	33.00000	-0.60000
-1.91939	3.70473	-0.42380	1	3180	-5.00000	33.00000	-0.60000
-1.83398	3.92374	-0.53959	1	3181	-4.00000	33.00000	-0.60000
-1.72395	4.13805	-0.65459	1	3182	-3.00000	33.00000	-0.60000
-1.58866	4.34295	-0.76572	1	3183	-2.00000	33.00000	-0.60000
-1.42838	4.53349	-0.86965	1	3184	-1.00000	33.00000	-0.60000
-1.24440	4.70468	-0.96301	1	3185	0.00000	33.00000	-0.60000
-1.03901	4.85178	-1.04257	1	3186	1.00000	33.00000	-0.60000
-0.81547	4.97052	-1.10535	1	3187	2.00000	33.00000	-0.60000
-0.57799	5.05733	-1.14889	1	3188	3.00000	33.00000	-0.60000
-0.33157	5.10964	-1.17141	1	3189	4.00000	33.00000	-0.60000
-0.08183	5.12612	-1.17206	1	3190	5.00000	33.00000	-0.60000
0.16536	5.10689	-1.15102	1	3191	6.00000	33.00000	-0.60000
0.40441	5.05362	-1.10962	1	3192	7.00000	33.00000	-0.60000
0.63047	4.96930	-1.05012	1	3193	8.00000	33.00000	-0.60000
0.83981	4.85791	-0.97550	1	3194	9.00000	33.00000	-0.60000
1.03002	4.72392	-0.88910	1	3195	10.00000	33.00000	-0.60000
1.19986	4.57181	-0.79421	1	3196	11.00000	33.00000	-0.60000
1.34907	4.40579	-0.69392	1	3197	12.00000	33.00000	-0.60000
1.47806	4.22959	-0.59086	1	3198	13.00000	33.00000	-0.60000
1.58766	4.04643	-0.48726	1	3199	14.00000	33.00000	-0.60000
1.67893	3.85905	-0.38487	1	3200	15.00000	33.00000	-0.60000
1.75304	3.66979	-0.28512	1	3201	16.00000	33.00000	-0.60000
1.81119	3.48064	-0.18908	1	3202	17.00000	33.00000	-0.60000
1.85462	3.29333	-0.09760	1	3203	18.00000	33.00000	-0.60000
1.88456	3.10931	-0.01130	1	3204	19.00000	33.00000	-0.60000
1.90224	2.92983	0.06936	1	3205	20.00000	33.00000	-0.60000
				3206	21.00000	33.00000	-0.60000



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Set: Displacements: Displacements: Displacements:				Result: Coordinates: Coordinates: Coordinates:			
Ref.		Name		Ref.	x	y	z
x	y	z					
1.90892	2.75594	0.14406	1	3207	22.00000	33.00000	-0.60000
1.90581	2.58846	0.21262	1	3208	23.00000	33.00000	-0.60000
1.89412	2.42806	0.27497	1	3209	24.00000	33.00000	-0.60000
1.87503	2.27520	0.33113	1	3210	25.00000	33.00000	-0.60000
1.84966	2.13017	0.38121	1	3211	26.00000	33.00000	-0.60000
1.81904	1.99311	0.42539	1	3212	27.00000	33.00000	-0.60000
1.78416	1.86404	0.46393	1	3213	28.00000	33.00000	-0.60000
1.74589	1.74285	0.49709	1	3214	29.00000	33.00000	-0.60000
1.70501	1.62935	0.52521	1	3215	30.00000	33.00000	-0.60000
1.66222	1.52328	0.54863	1	3216	-40.00000	40.00000	-0.60000
-0.68302	0.41664	0.42341	1	3217	-39.00000	40.00000	-0.60000
-0.70092	0.43696	0.43432	1	3218	-38.00000	40.00000	-0.60000
-0.71927	0.45849	0.44530	1	3219	-37.00000	40.00000	-0.60000
-0.73808	0.48132	0.45631	1	3220	-36.00000	40.00000	-0.60000
-0.75733	0.50552	0.46732	1	3221	-35.00000	40.00000	-0.60000
-0.77701	0.53118	0.47829	1	3222	-34.00000	40.00000	-0.60000
-0.79709	0.55841	0.48916	1	3223	-33.00000	40.00000	-0.60000
-0.81754	0.58729	0.49990	1	3224	-32.00000	40.00000	-0.60000
-0.83833	0.61793	0.51043	1	3225	-31.00000	40.00000	-0.60000
-0.85941	0.65045	0.52071	1	3226	-30.00000	40.00000	-0.60000
-0.88073	0.68495	0.53066	1	3227	-29.00000	40.00000	-0.60000
-0.90222	0.72155	0.54021	1	3228	-28.00000	40.00000	-0.60000
-0.92381	0.76038	0.54927	1	3229	-27.00000	40.00000	-0.60000
-0.94539	0.80157	0.55777	1	3230	-26.00000	40.00000	-0.60000
-0.96686	0.84523	0.56560	1	3231	-25.00000	40.00000	-0.60000
-0.98809	0.89150	0.57268	1	3232	-24.00000	40.00000	-0.60000
-1.00894	0.94050	0.57889	1	3233	-23.00000	40.00000	-0.60000
-1.02922	0.99237	0.58413	1	3234	-22.00000	40.00000	-0.60000
-1.04875	1.04720	0.58830	1	3235	-21.00000	40.00000	-0.60000
-1.06729	1.10511	0.59128	1	3236	-20.00000	40.00000	-0.60000
-1.08460	1.16620	0.59295	1	3237	-19.00000	40.00000	-0.60000
-1.10038	1.23054	0.59321	1	3238	-18.00000	40.00000	-0.60000
-1.11432	1.29819	0.59196	1	3239	-17.00000	40.00000	-0.60000
-1.12605	1.36915	0.58911	1	3240	-16.00000	40.00000	-0.60000
-1.13519	1.44341	0.58456	1	3241	-15.00000	40.00000	-0.60000
-1.14131	1.52090	0.57827	1				



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Set:				Result: Coordinates: Coordinates: Coordinates:			
Displacements:	Displacements:	Displacements:	Set:	Ref.	x	y	z
Ref.		Name					
x	y	z					
-1.14394	1.60149	0.57017	1	3242	-14.00000	40.00000	-0.60000
-1.14259	1.68500	0.56028	1	3243	-13.00000	40.00000	-0.60000
-1.13676	1.77114	0.54859	1	3244	-12.00000	40.00000	-0.60000
-1.12592	1.85956	0.53518	1	3245	-11.00000	40.00000	-0.60000
-1.10953	1.94978	0.52014	1	3246	-10.00000	40.00000	-0.60000
-1.08708	2.04123	0.50365	1	3247	-9.00000	40.00000	-0.60000
-1.05810	2.13323	0.48589	1	3248	-8.00000	40.00000	-0.60000
-1.02215	2.22498	0.46715	1	3249	-7.00000	40.00000	-0.60000
-0.97890	2.31556	0.44774	1	3250	-6.00000	40.00000	-0.60000
-0.92811	2.40395	0.42803	1	3251	-5.00000	40.00000	-0.60000
-0.86967	2.48908	0.40844	1	3252	-4.00000	40.00000	-0.60000
-0.80364	2.56979	0.38941	1	3253	-3.00000	40.00000	-0.60000
-0.73023	2.64491	0.37140	1	3254	-2.00000	40.00000	-0.60000
-0.64984	2.71327	0.35487	1	3255	-1.00000	40.00000	-0.60000
-0.56306	2.77378	0.34029	1	3256	0.00000	40.00000	-0.60000
-0.47067	2.82541	0.32805	1	3257	1.00000	40.00000	-0.60000
-0.37358	2.86730	0.31851	1	3258	2.00000	40.00000	-0.60000
-0.27288	2.89874	0.31194	1	3259	3.00000	40.00000	-0.60000
-0.16974	2.91924	0.30853	1	3260	4.00000	40.00000	-0.60000
-0.06539	2.92852	0.30838	1	3261	5.00000	40.00000	-0.60000
0.03891	2.92656	0.31147	1	3262	6.00000	40.00000	-0.60000
0.14194	2.91354	0.31769	1	3263	7.00000	40.00000	-0.60000
0.24254	2.88988	0.32683	1	3264	8.00000	40.00000	-0.60000
0.33966	2.85616	0.33860	1	3265	9.00000	40.00000	-0.60000
0.43241	2.81315	0.35265	1	3266	10.00000	40.00000	-0.60000
0.52001	2.76170	0.36860	1	3267	11.00000	40.00000	-0.60000
0.60188	2.70276	0.38603	1	3268	12.00000	40.00000	-0.60000
0.67758	2.63731	0.40452	1	3269	13.00000	40.00000	-0.60000
0.74682	2.56634	0.42366	1	3270	14.00000	40.00000	-0.60000
0.80943	2.49083	0.44307	1	3271	15.00000	40.00000	-0.60000
0.86537	2.41170	0.46238	1	3272	16.00000	40.00000	-0.60000
0.91472	2.32985	0.48128	1	3273	17.00000	40.00000	-0.60000
0.95760	2.24609	0.49949	1	3274	18.00000	40.00000	-0.60000
0.99423	2.16118	0.51675	1	3275	19.00000	40.00000	-0.60000
1.02488	2.07581	0.53287	1	3276	20.00000	40.00000	-0.60000
				3277	21.00000	40.00000	-0.60000



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Set:				Result: Coordinates: Coordinates: Coordinates:			
Displacements:	Displacements:	Displacements:		Ref.	x	y	z
Ref.		Name					
x	y	z					
1.04987	1.99059	0.54768	1	3278	22.00000	40.00000	-0.60000
1.06952	1.90607	0.56106	1	3279	23.00000	40.00000	-0.60000
1.08421	1.82271	0.57292	1	3280	24.00000	40.00000	-0.60000
1.09431	1.74092	0.58319	1	3281	25.00000	40.00000	-0.60000
1.10021	1.66104	0.59184	1	3282	26.00000	40.00000	-0.60000
1.10230	1.58334	0.59886	1	3283	27.00000	40.00000	-0.60000
1.10095	1.50805	0.60427	1	3284	28.00000	40.00000	-0.60000
1.09652	1.43535	0.60810	1	3285	29.00000	40.00000	-0.60000
1.08937	1.36534	0.61041	1	3286	30.00000	40.00000	-0.60000
1.07983	1.29812	0.61125	1				
1 - Data point coincident with displacement location. Its displacement has been added to those calculated by Xdisp.							
2 - Data point coincident with horizontal movement calculation point for a specific building. Its displacement has been added before performing building damage calculations.							
6 - Data point coincident with vertical movement calculation point for a specific building. Its displacement has been added before performing building damage calculations.							

Polygonal Excavations

Ref. 1
Excavation Name: Basement Excavation
Surface level [m]: 0.0
Contribution: Positive
Surface movement curves which are selected are applied between surface and [m]: -4.5000

Corner	x	y	Base	Arc	Stiffened	Linear	Prev.	Prev.	Prev.	Prev.	Side	Next	Next	Next	Next
Side			Level	Enabled		Stiffening	Side:	Side:	Side:	Transition	Side:	Side:	Side:		
Transition							d	p1	p2*	Zone	d	p1	p2*		
Zone															
Fraction										Fraction					
	[m]	[m]	[m]				[m]	[%]	[%]		[m]	[%]	[%]		
1	0.0	0.0	-4.5000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000		
0.0															
2	0.0	5.7400	-4.5000	Yes	Yes	No	0.0	67.000	25.000	0.0	0.0	67.000	25.000		
0.0															
3	-5.7400	5.7400	-4.5000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000		
0.0															
4	-5.7400	15.440	-4.5000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000		
0.0															
5	-2.7000	15.440	-4.5000	Yes	Yes	No	0.0	67.000	25.000	0.0	0.0	67.000	25.000		
0.0															
6	-2.7000	23.300	-4.5000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000		
0.0															
7	3.6600	23.300	-4.5000	Yes	Yes	No	0.0	67.000	25.000	0.0	0.0	67.000	25.000		
0.0															
8	3.6600	24.800	-4.5000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000		
0.0															
9	7.2800	24.800	-4.5000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000		
0.0															
10	7.2800	23.300	-4.5000	Yes	Yes	No	0.0	67.000	25.000	0.0	0.0	67.000	25.000		
0.0															
11	12.420	18.780	-4.5000	Yes	Yes	No	0.0	67.000	25.000	0.0	0.0	67.000	25.000		
0.0															
12	17.880	18.780	-4.5000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000		
0.0															
13	17.880	0.0	-4.5000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000		



Braemar Avenue

Short Term Analysis No Load From Superstructure

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20-Dec-2022

Checked

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Corner Side	x	y	Base	Arc	Stiffened	Linear	Prev.	Prev.	Prev.	Prev.	Side	Next	Next	Next	Next
			Level	Enabled			Stiffening	Side:	Side:	Side:	Transition	Side:	Side:	Side:	

Transition
0.0

Side	x1 [m]	y1 [m]	x2 [m]	y2 [m]	G.M. Curve: Vertical	G.M. Curve: Horizontal
1	0.0	0.0	0.0	5.7400	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))
2	0.0	5.7400	-5.7400	5.7400	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))
3	-5.7400	5.7400	-5.7400	15.440	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))
4	-5.7400	15.440	-2.7000	15.440	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))
5	-2.7000	15.440	-2.7000	23.300	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))
6	-2.7000	23.300	3.6600	23.300	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))
7	3.6600	23.300	3.6600	24.800	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))
8	3.6600	24.800	7.2800	24.800	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))
9	7.2800	24.800	7.2800	23.300	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))
10	7.2800	23.300	12.420	18.780	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))
11	12.420	18.780	17.880	18.780	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))
12	17.880	18.780	17.880	0.0	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))
13	17.880	0.0	0.0	0.0	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))

Ref. 2
Excavation Name: Wall Installation Basement
Surface level [m]: 0.0
Contribution: Positive

Corner Side	x	y	Base	Arc	Stiffened	Linear	Prev.	Prev.	Prev.	Prev.	Side	Next	Next	Next	Next
			Level	Enabled			Stiffening	Side:	Side:	Side:	Transition	Side:	Side:	Side:	

Transition

Zone															

Fraction

	[m]	[m]	[m]				[m]	[%]	[%]		[m]	[%]	[%]	
0.0	1	0.0	0.0	-12.000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000
0.0	2	0.0	5.7400	-12.000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000
0.0	3	-5.7400	5.7400	-12.000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000
0.0	4	-5.7400	15.440	-12.000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000
0.0	5	-2.7000	15.440	-12.000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000

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Corner Side	x	y	Base	Arc	Stiffened	Linear	Prev.	Prev.	Prev.	Prev.	Side	Next	Next	Next	Next
			Level	Enabled	Stiffening Side: Side: Side: Transition Side: Side: Side: Side:										
Transition															
0.0	6	-2.7000	23.300	-12.000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000	
0.0	7	3.6600	23.300	-12.000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000	
0.0	8	3.6600	24.800	-12.000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000	
0.0	9	7.2800	24.800	-12.000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000	
0.0	10	7.2800	23.300	-12.000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000	
0.0	11	12.420	18.780	-12.000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000	
0.0	12	17.880	18.780	-12.000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000	
0.0	13	17.880	0.0	-12.000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000	

Side	x1 [m]	y1 [m]	x2 [m]	y2 [m]	G.M. Curve: Vertical		G.M. Curve: Horizontal	
1	0.0	0.0	0.0	5.7400	Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(b))		Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))	
2	0.0	5.7400	-5.7400	5.7400	Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(b))		Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))	
3	-5.7400	5.7400	-5.7400	15.440	Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(b))		Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))	
4	-5.7400	15.440	-2.7000	15.440	Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(b))		Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))	
5	-2.7000	15.440	-2.7000	23.300	Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(b))		Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))	
6	-2.7000	23.300	3.6600	23.300	Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(b))		Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))	
7	3.6600	23.300	3.6600	24.800	Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(b))		Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))	
8	3.6600	24.800	7.2800	24.800	Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(b))		Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))	
9	7.2800	24.800	7.2800	23.300	Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(b))		Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))	
10	7.2800	23.300	12.420	18.780	Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(b))		Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))	
11	12.420	18.780	17.880	18.780	Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(b))		Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))	
12	17.880	18.780	17.880	0.0	Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(b))		Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))	
13	17.880	0.0	0.0	0.0	Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(b))		Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))	

Circular Excavations

Vertical Ground Movement Curves

Curve Name: Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(b))
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Settlement / wall depth or max. excavation depth (z) (%)]

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Side	x1 [m]	y1 [m]	x2 [m]	y2 [m]	G.M. Curve: Vertical	G.M. Curve: Horizontal
					[0.000,0.000,0.040]	[2.000,0.000,0.000]
Curve Fitting Method: Polynomial						
x Order: 1						
y Order: 0						
Polynomial: z = -2.0E-2x + 4.0E-2						
Coeff. of Determination: 1.0						
Curve Name: Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))						
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Settlement / wall depth or max. excavation depth (z) (%)]						
					[0.000,0.000,0.039]	[0.100,0.000,0.049]
					[0.200,0.000,0.056]	[0.300,0.000,0.062]
					[0.400,0.000,0.067]	[0.500,0.000,0.070]
					[0.600,0.000,0.072]	[0.700,0.000,0.073]
					[0.800,0.000,0.073]	[0.900,0.000,0.072]
					[1.000,0.000,0.070]	[1.100,0.000,0.068]
					[1.200,0.000,0.065]	[1.300,0.000,0.061]
					[1.400,0.000,0.058]	[1.500,0.000,0.054]
					[1.600,0.000,0.050]	[1.700,0.000,0.046]
					[1.800,0.000,0.042]	[1.900,0.000,0.038]
					[2.000,0.000,0.034]	[2.100,0.000,0.030]
					[2.200,0.000,0.027]	[2.300,0.000,0.023]
					[2.400,0.000,0.020]	[2.500,0.000,0.017]
					[2.600,0.000,0.014]	[2.700,0.000,0.012]
					[2.800,0.000,0.010]	[2.900,0.000,0.008]
					[3.000,0.000,0.007]	[3.100,0.000,0.005]
					[3.200,0.000,0.004]	[3.300,0.000,0.004]
					[3.400,0.000,0.003]	[3.500,0.000,0.002]
					[3.600,0.000,0.002]	[3.700,0.000,0.002]
					[3.800,0.000,0.001]	[3.900,0.000,0.001]
					[4.000,0.000,0.000]	
Curve Fitting Method: Polynomial						
x Order: 4						
y Order: 0						
Polynomial: z = -2.6455E-3x ⁴ + 2.8495E-2x ³ - 1.0051E-1x ² + 1.0569E-1x + 3.8990E-2						
Coeff. of Determination: 9.9991E-1						

Horizontal Ground Movement Curves

Curve Name: Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))	
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Horizontal movement / wall depth or max. excavation depth (z) (%)]	
	[0.000,0.000,0.041] [0.050,0.000,0.038] [0.100,0.000,0.036] [0.150,0.000,0.034]
	[0.200,0.000,0.032] [0.250,0.000,0.030] [0.300,0.000,0.029] [0.350,0.000,0.027]
	[0.400,0.000,0.025] [0.450,0.000,0.023] [0.500,0.000,0.022] [0.550,0.000,0.020]
	[0.600,0.000,0.019] [0.650,0.000,0.018] [0.700,0.000,0.016] [0.750,0.000,0.015]
	[0.800,0.000,0.014] [0.850,0.000,0.013] [0.900,0.000,0.011] [0.950,0.000,0.010]
	[1.000,0.000,0.009] [1.050,0.000,0.008] [1.100,0.000,0.007] [1.150,0.000,0.006]
	[1.200,0.000,0.005] [1.250,0.000,0.004] [1.300,0.000,0.004] [1.350,0.000,0.003]
	[1.400,0.000,0.002] [1.450,0.000,0.001] [1.500,0.000,0.000]
Curve Fitting Method: Polynomial	
x Order: 3	
y Order: 0	
Polynomial: z = -4.2486E-3x ³ + 1.9096E-2x ² - 4.6221E-2x + 4.0729E-2	
Coeff. of Determination: 1.0000	
Curve Name: Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))	
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Horizontal movement / wall depth or max. excavation depth (z) (%)]	
	[0.000,0.000,0.150] [4.000,0.000,0.000]
Curve Fitting Method: Polynomial	
x Order: 1	
y Order: 0	
Polynomial: z = -3.75E-2x + 1.50E-1	
Coeff. of Determination: 1.00	

Damage Category Strains

Ref.	Name	0 (Negligible) to	1 (Very Slight) to	2 (Slight) to	3 (Moderate) to
		1 (Very Slight)	2 (Slight)	3 (Moderate)	4 (Severe)

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Ref.	Name	0 (Negligible) to 1 (Very Slight)	1 (Very Slight) to 2 (Slight)	2 (Slight) to 3 (Moderate)	3 (Moderate) to 4 (Severe)
1	Burland Strain Limits	0.0	500.00E-6	750.00E-6	0.0015000

Specific Buildings - Geometry

Ref.	Building Name	Sub-Building	Displacement	Line	Distance	Distance	Vertical	
Vertical	Damage	Category	Poisson's	E/G				
Displacement	Strains	Ratio			Along	Along	Offsets from	Limit
					Line: Start	Line: End	Line for Vertical Movement	
Sensitivity					[m]	[m]	Calculations [m]	[mm]
1	1 Braemar Avenue	North Wall	1	Braemar Ave North Wall	0.00000	9.00000	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
2	1 Braemar Avenue	East Wall	1	Braemar Ave East Wall	0.00000	6.00000	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
3	1 Braemar Avenue	South Wall	1	Braemar Ave South Wall	0.00000	9.00000	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
4	1 Braemar Avenue	West Wall	1	Braemar Ave West Wall	0.00000	6.00000	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
5	Braemar Ave Church	South Wall 1	1	Braemar Ave Church South Wall 1	0.00000	14.20000	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
6	Braemar Ave Church	South Wall 2	2	Braemar Ave Church South Wall 2	0.00000	3.62000	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
7	Braemar Ave Church	South Wall 3	3	Braemar Ave Church South Wall 3	0.00000	6.05900	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
8	Braemar Ave Church	East Wall 1	1	Braemar Ave Church East Wall 1	0.00000	9.70000	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
9	Braemar Ave Church	East Wall 2	2	Braemar Ave Church East Wall 2	0.00000	3.01900	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
10	Braemar Ave Church	East Wall 3	3	Braemar Ave Church East Wall 3	0.00000	21.20000	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
11	Braemar Ave Church	North Wall		Braemar Ave Church North Wall	0.00000	14.21900	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
12	Braemar Ave Chuech	West Wall 1	1	Braemar Ave Church West Wall 1	0.00000	20.48000	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
13	Braemar Ave Church	West Wall 2	2	Braemar Ave Church West Wall 2	0.00000	3.02000	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					
14	Braemar Ave Church	West Wall 3	3	Braemar Ave Church West Wall 3	0.00000	6.80000	0.0	
0.10000	Burland Strain Limits	0.20000	2.6000					

Specific Buildings - Bending Parameters

Ref.	Building Name	Sub-Building	Height	Default	Hogging:	Hogging:	Hogging:	Sagging:	Sagging:
Sagging:									
	Name				2nd Mom.	Dist. of	Dist. of	2nd Mom.	Dist. of
of					of Area	Bending	N.A. from	of Area	Bending
from					(per unit	Strain	Edge of	(per unit	Strain
of					width)	from N.A.	Beam in	width)	from N.A.
in									Beam
Tension							Tension		
			[m]		[m³]	[m]	[m]	[m³]	[m]
1	1 Braemar Avenue	North Wall	6.6000	Yes	95.832	6.6000	6.6000	23.958	3.3000
3.3000									
2	1 Braemar Avenue	East Wall	6.6000	Yes	95.832	6.6000	6.6000	23.958	3.3000
3.3000									
3	1 Braemar Avenue	South Wall	6.6000	Yes	95.832	6.6000	6.6000	23.958	3.3000
3.3000									

**Braemar Avenue**

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Ref.	Building Name	Sub-Building	Height	Default	Hogging:	Hogging:	Hogging:	Sagging:	Sagging:
Sagging:									
Name									
					2nd Mom.	Dist. of	Dist. of	2nd Mom.	Dist. of
4 1	Braemar Avenue	West Wall	6.6000	Yes	95.832	6.6000	6.6000	23.958	3.3000
3.3000									
5	Braemar Ave Church	South Wall 1	5.7700	Yes	64.033	5.7700	5.7700	16.008	2.8850
2.8850									
6	Braemar Ave Church	South Wall 2	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000
1.5000									
7	Braemar Ave Church	South Wall 3	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000
1.5000									
8	Braemar Ave Church	East Wall 1	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000
1.5000									
9	Braemar Ave Church	East Wall 2	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000
1.5000									
10	Braemar Ave Church	East Wall 3	6.7500	Yes	102.52	6.7500	6.7500	25.629	3.3750
3.3750									
11	Braemar Ave Church	North Wall	8.0000	Yes	170.67	8.0000	8.0000	42.667	4.0000
4.0000									
12	Braemar Ave Chuech	West Wall 1	6.7500	Yes	102.52	6.7500	6.7500	25.629	3.3750
3.3750									
13	Braemar Ave Church	West Wall 2	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000
1.5000									
14	Braemar Ave Church	West Wall 3	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000
1.5000									



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Displacement Results - Displacement Lines

Stage: δz Ref.	Stage: δH // Name	Disp. δH perp. Line: Ref.	Disp. Line: Name Angle	Chainage	x	y	z	δx	δy
[mm]	[mm]	[mm]	[°]	[m]	[m]	[m]	[m]	[mm]	[mm]
0	Base Model 1	1	1 Braemar Ave North Wall	0.0	18.98000	-0.60000	-0.60000	3.4012	-4.5590
-4.0392	-4.5590	-3.4012	90.000	*					
-3.8864	-5.4524	-0.20236	90.000	*	0.90000	18.98000	0.30000	-0.60000	0.20236
-4.8153	-5.2229	-0.79779	90.000	*	1.8000	18.98000	1.20000	-0.60000	0.79779
-5.6501	-4.8845	-1.3559	90.000	*	2.7000	18.98000	2.10000	-0.60000	1.3559
-6.3748	-4.4640	-1.8603	90.000	*	3.6000	18.98000	3.00000	-0.60000	1.8603
-6.9882	-3.9877	-2.3037	90.000	*	4.5000	18.98000	3.90000	-0.60000	2.3037
-7.4958	-3.4763	-2.6845	90.000	*	5.4000	18.98000	4.80000	-0.60000	2.6845
-7.9056	-2.9438	-3.0044	90.000	*	6.3000	18.98000	5.70000	-0.60000	3.0044
-8.2261	-2.3988	-3.2662	90.000	*	7.2000	18.98000	6.60000	-0.60000	3.2662
-8.4649	-1.8462	-3.4727	90.000	*	8.1000	18.98000	7.50000	-0.60000	3.4727
-8.6274	-1.2882	-3.6261	90.000	*	9.0000	18.98000	8.40000	-0.60000	3.6261
-8.6274	3.6261	-1.2882	0.0	*	0.0	18.98000	8.40000	-0.60000	3.6261
-6.8648	3.6363	-1.2050	0.0	*	0.60000	19.58000	8.40000	-0.60000	3.6363
-5.3859	3.5663	-1.1259	0.0	*	1.2000	20.18000	8.40000	-0.60000	3.5663
-4.1561	3.4407	-1.0508	0.0	*	1.8000	20.78000	8.40000	-0.60000	3.4407
-3.1458	3.2812	-0.98000	0.0	*	2.4000	21.38000	8.40000	-0.60000	3.2812
-2.3270	3.1050	-0.91341	0.0	*	3.0000	21.98000	8.40000	-0.60000	3.1050
-1.6733	2.9250	-0.85105	0.0	*	3.6000	22.58000	8.40000	-0.60000	2.9250
-1.1602	2.7506	-0.79285	0.0	*	4.2000	23.18000	8.40000	-0.60000	2.7506
-0.76547	2.5878	-0.73866	0.0	*	4.8000	23.78000	8.40000	-0.60000	2.5878
-0.46882	2.4407	-0.68834	0.0	*	5.4000	24.38000	8.40000	-0.60000	2.4407
-0.25222	2.3115	-0.64169	0.0	*	6.0000	24.98000	8.40000	-0.60000	2.3115
-0.25222	0.64169	2.3115	270.00	*	0.0	24.98000	8.40000	-0.60000	2.3115
-0.20436	0.91371	2.2288	270.00	*	0.90000	24.98000	7.50000	-0.60000	2.2288
-0.13491	1.1775	2.1155	270.00	*	1.8000	24.98000	6.60000	-0.60000	2.1155
-0.044351	1.4303	1.9726	270.00	*	2.7000	24.98000	5.70000	-0.60000	1.9726
0.066518	1.6690	1.8010	270.00	*	3.6000	24.98000	4.80000	-0.60000	1.8010
0.19648	1.8902	1.6026	270.00	*	4.5000	24.98000	3.90000	-0.60000	1.6026
0.34374	2.0907	1.3798	270.00	*	5.4000	24.98000	3.00000	-0.60000	1.3798
0.50585	2.2671	1.1357	270.00	*	6.3000	24.98000	2.10000	-0.60000	1.1357
				*	7.2000	24.98000	1.20000	-0.60000	0.87456



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: δz Ref.	Stage: δH // Name	Disp. δH perp. Line: Ref.	Disp. Angle	Line: Name	Chainage	x	y	z	δx	δy
0.67964	2.4167	0.87456	270.00	*						
0.86137	2.5374	0.60121	270.00	*	8.1000	24.98000	0.30000	-0.60000	0.60121	-2.5374
0.23986	2.5191	1.8601	270.00	*	9.0000	24.98000	-0.60000	-0.60000	1.8601	-2.5191
0.23986	-1.8601	2.5191	180.00	*	0.0	24.98000	-0.60000	-0.60000	1.8601	-2.5191
0.14118	-1.9144	2.6987	180.00	*	0.60000	24.38000	-0.60000	-0.60000	1.9144	-2.6987
-120.62E-6	-1.9786	2.8931	180.00	*	1.2000	23.78000	-0.60000	-0.60000	1.9786	-2.8931
-0.19373	-2.0529	3.1026	180.00	*	1.8000	23.18000	-0.60000	-0.60000	2.0529	-3.1026
-0.45031	-2.1377	3.3273	180.00	*	2.4000	22.58000	-0.60000	-0.60000	2.1377	-3.3273
-0.78150	-2.2340	3.5660	180.00	*	3.0000	21.98000	-0.60000	-0.60000	2.2340	-3.5660
-1.1999	-2.3445	3.8158	180.00	*	3.6000	21.38000	-0.60000	-0.60000	2.3445	-3.8158
-1.7191	-2.4762	4.0694	180.00	*	4.2000	20.78000	-0.60000	-0.60000	2.4762	-4.0694
-2.3538	-2.6472	4.3115	180.00	*	4.8000	20.18000	-0.60000	-0.60000	2.6472	-4.3115
-3.1203	-2.9066	4.5064	180.00	*	5.4000	19.58000	-0.60000	-0.60000	2.9066	-4.5064
-4.0392	-3.4012	4.5590	180.00	*	6.0000	18.98000	-0.60000	-0.60000	3.4012	-4.5590
-0.19651	-1.6187	1.0791	90.000	*	0.0	-6.92000	2.44000	-0.80000	-1.0791	-1.6187
-1.5584	-1.9815	1.3330	90.000	*	1.4200	-6.92000	3.86000	-0.80000	-1.3330	-1.9815
-2.9711	-3.1518	0.17161	90.000	*	2.8400	-6.92000	5.28000	-0.80000	-0.17161	-3.1518
-5.5976	-3.3601	1.6766	90.000	*	4.2600	-6.92000	6.70000	-0.80000	-1.6766	-3.3601
-6.7082	-2.5868	2.2553	90.000	*	5.6800	-6.92000	8.12000	-0.80000	-2.2553	-2.5868
-7.4783	-1.6533	2.6619	90.000	*	7.1000	-6.92000	9.54000	-0.80000	-2.6619	-1.6533
-7.8559	-0.63530	2.8790	90.000	*	8.5200	-6.92000	10.96000	-0.80000	-2.8790	-0.63530
-7.8198	0.40312	2.9014	90.000	*	9.9400	-6.92000	12.38000	-0.80000	-2.9014	0.40312
-7.3647	1.3939	2.7290	90.000	*	11.360	-6.92000	13.80000	-0.80000	-2.7290	1.3939
-6.5220	2.2493	2.3782	90.000	*	12.780	-6.92000	15.22000	-0.80000	-2.3782	2.2493
-3.4980	1.3456	1.5295	90.000	*	14.200	-6.92000	16.64000	-0.80000	-1.5295	1.3456
-3.4980	-1.5295	1.3456	0.0	*	0.0	-6.92000	16.64000	-0.80000	-1.5295	1.3456
-4.0703	-1.8714	0.86175	0.0	*	0.36200	-6.55800	16.64000	-0.80000	-1.8714	0.86175
-4.6697	-2.3219	0.18085	0.0	*	0.72400	-6.19600	16.64000	-0.80000	-2.3219	0.18085
-5.2846	-2.8632	-0.66718	0.0	*	1.0860	-5.83400	16.64000	-0.80000	-2.8632	-0.66718
-5.1598	-2.9710	-2.8898	0.0	*	1.4480	-5.47200	16.64000	-0.80000	-2.9710	-2.8898
-6.0414	-2.8976	-2.7765	0.0	*	1.8100	-5.11000	16.64000	-0.80000	-2.8976	-2.7765
-6.9866	-2.7974	-2.6724	0.0	*	2.1720	-4.74800	16.64000	-0.80000	-2.7974	-2.6724
-7.9987	-2.6683	-2.5786	0.0	*	2.5340	-4.38600	16.64000	-0.80000	-2.6683	-2.5786
-9.0839	-2.5081	-2.4958	0.0	*	2.8960	-4.02400	16.64000	-0.80000	-2.5081	-2.4958
-10.251	-2.3146	-2.4243	0.0	*	3.2580	-3.66200	16.64000	-0.80000	-2.3146	-2.4243
-11.517	-2.0854	-2.3635	0.0	*	3.6200	-3.30000	16.64000	-0.80000	-2.0854	-2.3635

**Braemar Avenue**

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: δz Ref.	Stage: δH // Name	Disp. δH perp. Line: Ref.	Disp. Angle	Line: Name	Chainage	x	y	z	δx	δy
-11.517	-2.3635	7 2.0854	90.000	Braemar Ave Church South Wall 3	0.0	-3.30000	16.64000	-0.80000	-2.0854	-2.3635
-10.508	-1.8093	1.9774	90.000	*	0.60600	-3.30000	17.24600	-0.80000	-1.9774	-1.8093
-9.6507	-1.2816	1.8388	90.000	*	1.2120	-3.30000	17.85200	-0.80000	-1.8388	-1.2816
-8.9086	-0.77171	1.6683	90.000	*	1.8180	-3.30000	18.45800	-0.80000	-1.6683	-0.77171
-8.2496	-0.27433	1.4654	90.000	*	2.4240	-3.30000	19.06400	-0.80000	-1.4654	-0.27433
-7.6453	0.21184	1.2298	90.000	*	3.0300	-3.30000	19.67000	-0.80000	-1.2298	0.21184
-7.0702	0.68463	0.96157	90.000	*	3.6360	-3.30000	20.27600	-0.80000	-0.96157	0.68463
-6.5022	1.1387	0.66124	90.000	*	4.2420	-3.30000	20.88200	-0.80000	-0.66124	1.1387
-5.9229	1.5660	0.33046	90.000	*	4.8480	-3.30000	21.48800	-0.80000	-0.33046	1.5660
-5.3177	1.9562	-0.027433	90.000	*	5.4540	-3.30000	22.09400	-0.80000	0.027433	1.9562
-4.6748	2.2983	-0.40670	90.000	*	6.0600	-3.30000	22.70000	-0.80000	0.40670	2.2983
-4.6748	-0.40670	8 -2.2983	180.00	Braemar Ave Church East Wall 1	0.0	-3.30000	22.70000	-0.80000	0.40670	2.2983
-2.3496	-0.024397	-1.6859	180.00	*	0.97000	-4.27000	22.70000	-0.80000	0.024397	1.6859
-0.65907	0.20920	-1.1055	180.00	*	1.9400	-5.24000	22.70000	-0.80000	-0.20920	1.1055
-0.22394	0.27228	-2.0429	180.00	*	2.9100	-6.21000	22.70000	-0.80000	-0.27228	2.0429
0.50933	0.20785	-1.8666	180.00	*	3.8800	-7.18000	22.70000	-0.80000	-0.20785	1.8666
0.92716	0.14033	-1.7415	180.00	*	4.8500	-8.15000	22.70000	-0.80000	-0.14033	1.7415
1.1113	0.092609	-1.6487	180.00	*	5.8200	-9.12000	22.70000	-0.80000	-0.092609	1.6487
1.1310	0.077830	-1.5742	180.00	*	6.7900	-10.09000	22.70000	-0.80000	-0.077830	1.5742
1.0447	0.10232	-1.5087	180.00	*	7.7600	-11.06000	22.70000	-0.80000	-0.10232	1.5087
0.90056	0.16797	-1.4472	180.00	*	8.7300	-12.03000	22.70000	-0.80000	-0.16797	1.4472
0.73716	0.27402	-1.3871	180.00	*	9.7000	-13.00000	22.70000	-0.80000	-0.27402	1.3871
0.73716	-1.3871	9 -0.27402	270.00	Braemar Ave Church East Wall 2	0.0	-13.00000	22.70000	-0.80000	-0.27402	1.3871
0.73214	-1.3649	-0.29125	270.00	*	0.30200	-13.00000	22.39800	-0.80000	-0.29125	1.3649
0.72800	-1.3431	-0.30557	270.00	*	0.60400	-13.00000	22.09600	-0.80000	-0.30557	1.3431
0.72468	-1.3218	-0.31682	270.00	*	0.90600	-13.00000	21.79400	-0.80000	-0.31682	1.3218
0.72206	-1.3009	-0.32484	270.00	*	1.2080	-13.00000	21.49200	-0.80000	-0.32484	1.3009
0.72005	-1.2806	-0.32950	270.00	*	1.5100	-13.00000	21.19000	-0.80000	-0.32950	1.2806
0.71856	-1.2608	-0.33068	270.00	*	1.8120	-13.00000	20.88800	-0.80000	-0.33068	1.2608
0.71748	-1.2417	-0.32825	270.00	*	2.1140	-13.00000	20.58600	-0.80000	-0.32825	1.2417
0.71670	-1.2233	-0.32213	270.00	*	2.4160	-13.00000	20.28400	-0.80000	-0.32213	1.2233
0.71609	-1.2056	-0.31226	270.00	*	2.7180	-13.00000	19.98200	-0.80000	-0.31226	1.2056
0.71556	-1.1886	-0.29859	270.00	*	3.0200	-13.00000	19.68000	-0.80000	-0.29859	1.1886
0.71556	0.29859	10 -1.1886	180.00	Braemar Ave Church East Wall 3	0.0	-13.00000	19.68000	-0.80000	-0.29859	1.1886
0.48317	0.54441	-1.0016	180.00	*	2.1200	-15.12000	19.68000	-0.80000	-0.54441	1.0016
				*	4.2400	-17.24000	19.68000	-0.80000	-1.0334	0.85224



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: δz Ref.	Stage: δH / Name	Disp. δH perp. Line: Ref.	Angle	Disp. Line: Name	Chainage	x	y	z	δx	δy
0.34779	1.0334	-0.85224	180.00	*						
					6.3600	-19.36000	19.68000	-0.80000	-1.6985	0.73761
0.36378	1.6985	-0.73761	180.00	*						
					8.4800	-21.48000	19.68000	-0.80000	-2.2016	0.65103
0.41249	2.2016	-0.65103	180.00	*						
					10.600	-23.60000	19.68000	-0.80000	-2.2279	0.57605
0.47983	2.2279	-0.57605	180.00	*						
					12.720	-25.72000	19.68000	-0.80000	-1.9684	0.47654
0.55072	1.9684	-0.47654	180.00	*						
					14.840	-27.84000	19.68000	-0.80000	-1.7501	0.39838
0.58720	1.7501	-0.39838	180.00	*						
					16.960	-29.96000	19.68000	-0.80000	-1.5651	0.33624
0.60018	1.5651	-0.33624	180.00	*						
					19.080	-32.08000	19.68000	-0.80000	-1.4072	0.28626
0.59727	1.4072	-0.28626	180.00	*						
					21.200	-34.20000	19.68000	-0.80000	-1.2716	0.24564
0.58378	1.2716	-0.24564	180.00	*						
					0.0	-34.20000	19.68000	-0.80000	-1.2716	0.24564
0.58378	-0.24564	-1.2716	270.00	*						
					1.4220	-34.20000	18.25800	-0.80000	-1.2943	0.20466
0.58602	-0.20466	-1.2943	270.00	*						
					2.8440	-34.20000	16.83600	-0.80000	-1.3129	0.16163
0.58780	-0.16163	-1.3129	270.00	*						
					4.2660	-34.20000	15.41400	-0.80000	-1.3271	0.11693
0.58916	-0.11693	-1.3271	270.00	*						
					5.6880	-34.20000	13.99200	-0.80000	-1.3366	0.071031
0.59013	-0.071031	-1.3366	270.00	*						
					7.1100	-34.20000	12.57000	-0.80000	-1.3413	0.024405
0.59072	-0.024405	-1.3413	270.00	*						
					8.5320	-34.20000	11.14800	-0.80000	-1.3411	-0.022438
0.59095	0.022438	-1.3411	270.00	*						
					9.9540	-34.20000	9.72600	-0.80000	-1.3360	-0.068985
0.59080	0.068985	-1.3360	270.00	*						
					11.376	-34.20000	8.30400	-0.80000	-1.3261	-0.11473
0.59028	0.11473	-1.3261	270.00	*						
					12.798	-34.20000	6.88200	-0.80000	-1.3116	-0.15920
0.58935	0.15920	-1.3116	270.00	*						
					14.220	-34.20000	5.46000	-0.80000	-1.2928	-0.20194
0.58798	0.20194	-1.2928	270.00	*						
					0.0	-34.20000	5.46000	-0.80000	-1.2928	-0.20194
0.58798	-1.2928	-0.20194	0.0	*						
					2.0480	-32.15200	5.46000	-0.80000	-1.4276	-0.23529
0.60092	-1.4276	-0.23529	0.0	*						
					4.0960	-30.10400	5.46000	-0.80000	-1.5841	-0.27628
0.60376	-1.5841	-0.27628	0.0	*						
					6.1440	-28.05600	5.46000	-0.80000	-1.7671	-0.32719
0.59153	-1.7671	-0.32719	0.0	*						
					8.1920	-26.00800	5.46000	-0.80000	-1.9827	-0.39117
0.55720	-1.9827	-0.39117	0.0	*						
					10.240	-23.96000	5.46000	-0.80000	-2.2385	-0.47256
0.49065	-2.2385	-0.47256	0.0	*						
					12.288	-21.91200	5.46000	-0.80000	-2.0922	-0.57378
0.43892	-2.0922	-0.57378	0.0	*						
					14.336	-19.86400	5.46000	-0.80000	-1.9558	-0.70588
0.34254	-1.9558	-0.70588	0.0	*						
					16.384	-17.81600	5.46000	-0.80000	-1.8326	-0.88169
0.29650	-1.8326	-0.88169	0.0	*						
					18.432	-15.76800	5.46000	-0.80000	-1.1134	-1.1193
0.34538	-1.1134	-1.1193	0.0	*						
					20.480	-13.72000	5.46000	-0.80000	-0.52110	-1.4449
0.35918	-0.52110	-1.4449	0.0	*						
					0.0	4.00000	0.00000	0.00000	-3.6276	-2.4486
-7.5037	2.4486	-3.6276	270.00	*						
					1.6200	4.00000	-1.62000	0.00000	-3.0265	-3.0488
-2.0424	3.0488	-3.0265	270.00	*						
					3.2400	4.00000	-3.24000	0.00000	-2.4406	-2.8038
0.98086	2.8038	-2.4406	270.00	*						
					4.8600	4.00000	-4.86000	0.00000	-1.9365	-2.3378
2.5631	2.3378	-1.9365	270.00	*						
					6.4800	4.00000	-6.48000	0.00000	-1.5309	-1.9678
3.2020	1.9678	-1.5309	270.00	*						

**Braemar Avenue**

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Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: δz Ref.	Stage: δH // Name	Disp. δH perp. Line: Ref.	Disp. Angle	Line: Name	Chainage	x	y	z	δx	δy
3.2743	1.7769	-1.2148	270.00	*	8.1000	4.00000	-8.10000	0.00000	-1.2148	-1.7769
3.0555	1.7586	-0.97117	270.00	*	9.7200	4.00000	-9.72000	0.00000	-0.97117	-1.7586
2.7336	1.8849	-0.78362	270.00	*	11.340	4.00000	-11.34000	0.00000	-0.78362	-1.8849
2.4199	2.1277	-0.63852	270.00	*	12.960	4.00000	-12.96000	0.00000	-0.63852	-2.1277
2.1579	2.4649	-0.52542	270.00	*	14.580	4.00000	-14.58000	0.00000	-0.52542	-2.4649
1.9292	2.8803	-0.43647	270.00	*	16.200	4.00000	-16.20000	0.00000	-0.43647	-2.8803
0.35918	1.4449	-0.52110	270.00	*	0.0	-13.72000	5.46000	-0.80000	-0.52110	-1.4449
0.38066	1.4486	-0.54103	270.00	*	0.30200	-13.72000	5.15800	-0.80000	-0.54103	-1.4486
0.40006	1.4505	-0.56157	270.00	*	0.60400	-13.72000	4.85600	-0.80000	-0.56157	-1.4505
0.41745	1.4507	-0.58239	270.00	*	0.90600	-13.72000	4.55400	-0.80000	-0.58239	-1.4507
0.43290	1.4496	-0.60317	270.00	*	1.2080	-13.72000	4.25200	-0.80000	-0.60317	-1.4496
0.44649	1.4473	-0.62359	270.00	*	1.5100	-13.72000	3.95000	-0.80000	-0.62359	-1.4473
0.45831	1.4441	-0.64338	270.00	*	1.8120	-13.72000	3.64800	-0.80000	-0.64338	-1.4441
0.46845	1.4403	-0.66227	270.00	*	2.1140	-13.72000	3.34600	-0.80000	-0.66227	-1.4403
0.47701	1.4360	-0.68002	270.00	*	2.4160	-13.72000	3.04400	-0.80000	-0.68002	-1.4360
0.48410	1.4315	-0.69642	270.00	*	2.7180	-13.72000	2.74200	-0.80000	-0.69642	-1.4315
0.48984	1.4270	-0.71130	270.00	*	3.0200	-13.72000	2.44000	-0.80000	-0.71130	-1.4270
0.48984	-0.71130	-1.4270	0.0	*	0.0	-13.72000	2.44000	-0.80000	-0.71130	-1.4270
0.51260	-0.59322	-1.5163	0.0	*	0.68000	-13.04000	2.44000	-0.80000	-0.59322	-1.5163
0.52883	-0.50327	-1.6101	0.0	*	1.3600	-12.36000	2.44000	-0.80000	-0.50327	-1.6101
0.53044	-0.44578	-1.7071	0.0	*	2.0400	-11.68000	2.44000	-0.80000	-0.44578	-1.7071
0.50733	-0.42626	-1.8050	0.0	*	2.7200	-11.00000	2.44000	-0.80000	-0.42626	-1.8050
0.44777	-0.45172	-1.9007	0.0	*	3.4000	-10.32000	2.44000	-0.80000	-0.45172	-1.9007
0.33895	-0.53111	-1.9891	0.0	*	4.0800	-9.64000	2.44000	-0.80000	-0.53111	-1.9891
0.18452	-0.66201	-2.0507	0.0	*	4.7600	-8.96000	2.44000	-0.80000	-0.66201	-2.0507
0.10262	-0.75114	-1.9724	0.0	*	5.4400	-8.28000	2.44000	-0.80000	-0.75114	-1.9724
-0.022144	-0.89042	-1.8293	0.0	*	6.1200	-7.60000	2.44000	-0.80000	-0.89042	-1.8293
-0.19651	-1.0791	-1.6187	0.0	*	6.8000	-6.92000	2.44000	-0.80000	-1.0791	-1.6187
-10.464	1.6855	0.23975	90.000	*	0.0	4.66000	24.80000	-1.00000	-0.23975	1.6855
-6.4736	1.6758	0.22631	90.000	*	1.0200	4.66000	25.82000	-1.00000	-0.22631	1.6758
-3.8534	1.5101	0.21197	90.000	*	2.0400	4.66000	26.84000	-1.00000	-0.21197	1.5101
-2.0402	1.2915	0.19940	90.000	*	3.0600	4.66000	27.86000	-1.00000	-0.19940	1.2915
-0.82512	1.0831	0.18845	90.000	*	4.0800	4.66000	28.88000	-1.00000	-0.18845	1.0831
-0.054915	0.91268	0.17817	90.000	*	5.1000	4.66000	29.90000	-1.00000	-0.17817	0.91268
0.39125	0.79030	0.16797	90.000	*	6.1200	4.66000	30.92000	-1.00000	-0.16797	0.79030
					7.1400	4.66000	31.94000	-1.00000	-0.15774	0.71765



Braemar Avenue

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Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: δz Ref.	Stage: δH // Name	Disp. δH perp. Line: Ref.	Disp. Angle	Line: Name	Chainage	x	y	z	δx	δy
0.60977	0.71765	0.15774	90.000	*	8.1600	4.66000	32.96000	-1.00000	-0.14757	0.69263
0.67762	0.69263	0.14757	90.000	*	9.1800	4.66000	33.98000	-1.00000	-0.13761	0.71148
0.65562	0.71148	0.13761	90.000	*	10.200	4.66000	35.00000	-1.00000	-0.12800	0.76978
0.59060	0.76978	0.12800	90.000	*						
* Result includes imported displacement(s).										

Displacement Results - Displacement Grids

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0	Base Model 1		Ground Level	-40.00000	-30.00000	0.00000	-0.56941	-0.50855	
0.33047	*			-39.00000	-30.00000	0.00000	-0.57759	-0.52712	
0.33832	*			-38.00000	-30.00000	0.00000	-0.58566	-0.54641	
0.34627	*			-37.00000	-30.00000	0.00000	-0.59358	-0.56644	
0.35431	*			-36.00000	-30.00000	0.00000	-0.60133	-0.58723	
0.36244	*			-35.00000	-30.00000	0.00000	-0.60885	-0.60879	
0.37063	*			-34.00000	-30.00000	0.00000	-0.61612	-0.63114	
0.37889	*			-33.00000	-30.00000	0.00000	-0.62310	-0.65430	
0.38719	*			-32.00000	-30.00000	0.00000	-0.62974	-0.67828	
0.39553	*			-31.00000	-30.00000	0.00000	-0.63598	-0.70309	
0.40389	*			-30.00000	-30.00000	0.00000	-0.64178	-0.72873	
0.41226	*			-29.00000	-30.00000	0.00000	-0.64709	-0.75522	
0.42061	*			-28.00000	-30.00000	0.00000	-0.65184	-0.78256	
0.42894	*			-27.00000	-30.00000	0.00000	-0.65598	-0.81074	
0.43723	*			-26.00000	-30.00000	0.00000	-0.65943	-0.83975	
0.44545	*			-25.00000	-30.00000	0.00000	-0.66212	-0.86958	
0.45359	*			-24.00000	-30.00000	0.00000	-0.66399	-0.90021	
0.46163	*			-23.00000	-30.00000	0.00000	-0.66496	-0.93162	
0.46955	*			-22.00000	-30.00000	0.00000	-0.66496	-0.96377	
0.47734	*			-21.00000	-30.00000	0.00000	-0.66389	-0.99663	
0.48496	*			-20.00000	-30.00000	0.00000	-0.66169	-1.0301	
0.49240	*			-19.00000	-30.00000	0.00000	-0.65826	-1.0642	
0.49964	*			-18.00000	-30.00000	0.00000	-0.65353	-1.0989	
0.50666	*			-17.00000	-30.00000	0.00000	-0.64741	-1.1339	
0.51344	*			-16.00000	-30.00000	0.00000	-0.63982	-1.1694	
0.51997	*			-15.00000	-30.00000	0.00000	-0.63069	-1.2051	
0.52623	*			-14.00000	-30.00000	0.00000	-0.61994	-1.2409	
0.53221	*			-13.00000	-30.00000	0.00000	-0.60750	-1.2768	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.53788	*			-12.00000	-30.00000	0.00000	-0.59330	-1.3126	
0.54324	*			-11.00000	-30.00000	0.00000	-0.57730	-1.3481	
0.54829	*			-10.00000	-30.00000	0.00000	-0.55944	-1.3832	
0.55301	*			-9.00000	-30.00000	0.00000	-0.53970	-1.4178	
0.55740	*			-8.00000	-30.00000	0.00000	-0.51804	-1.4516	
0.56145	*			-7.00000	-30.00000	0.00000	-0.49446	-1.4845	
0.56516	*			-6.00000	-30.00000	0.00000	-0.46897	-1.5163	
0.56855	*			-5.00000	-30.00000	0.00000	-0.44158	-1.5468	
0.57160	*			-4.00000	-30.00000	0.00000	-0.41234	-1.5757	
0.57433	*			-3.00000	-30.00000	0.00000	-0.38130	-1.6031	
0.57674	*			-2.00000	-30.00000	0.00000	-0.34855	-1.6285	
0.57884	*			-1.00000	-30.00000	0.00000	-0.31417	-1.6519	
0.58065	*			0.00000	-30.00000	0.00000	-0.27829	-1.6731	
0.58216	*			1.00000	-30.00000	0.00000	-0.24102	-1.6918	
0.58340	*			2.00000	-30.00000	0.00000	-0.20253	-1.7081	
0.58437	*			3.00000	-30.00000	0.00000	-0.16298	-1.7216	
0.58509	*			4.00000	-30.00000	0.00000	-0.12254	-1.7324	
0.58556	*			5.00000	-30.00000	0.00000	-0.081413	-1.7403	
0.58580	*			6.00000	-30.00000	0.00000	-0.039798	-1.7452	
0.58581	*			7.00000	-30.00000	0.00000	0.0020960	-1.7471	
0.58560	*			8.00000	-30.00000	0.00000	0.044055	-1.7459	
0.58517	*			9.00000	-30.00000	0.00000	0.085862	-1.7418	
0.58452	*			10.00000	-30.00000	0.00000	0.12730	-1.7346	
0.58366	*			11.00000	-30.00000	0.00000	0.16817	-1.7244	
0.58259	*			12.00000	-30.00000	0.00000	0.20825	-1.7114	
0.58130	*			13.00000	-30.00000	0.00000	0.24735	-1.6956	
0.57978	*			14.00000	-30.00000	0.00000	0.28530	-1.6771	
0.57804	*			15.00000	-30.00000	0.00000	0.32192	-1.6561	
0.57605	*			16.00000	-30.00000	0.00000	0.35706	-1.6328	
0.57383	*			17.00000	-30.00000	0.00000	0.39059	-1.6072	
0.57134	*			18.00000	-30.00000	0.00000	0.42240	-1.5797	
0.56860	*			19.00000	-30.00000	0.00000	0.45238	-1.5503	
0.56558	*			20.00000	-30.00000	0.00000	0.48046	-1.5193	
0.56228	*			21.00000	-30.00000	0.00000	0.50659	-1.4869	
0.55869	*			22.00000	-30.00000	0.00000	0.53073	-1.4533	
0.55481	*								



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.55063	*			23.00000	-30.00000	0.00000	0.55287	-1.4187	
0.54615	*			24.00000	-30.00000	0.00000	0.57300	-1.3833	
0.54137	*			25.00000	-30.00000	0.00000	0.59115	-1.3472	
0.53629	*			26.00000	-30.00000	0.00000	0.60734	-1.3107	
0.53091	*			27.00000	-30.00000	0.00000	0.62161	-1.2739	
0.52525	*			28.00000	-30.00000	0.00000	0.63404	-1.2370	
0.51930	*			29.00000	-30.00000	0.00000	0.64468	-1.2002	
0.51307	*			30.00000	-30.00000	0.00000	0.65361	-1.1635	
0.37994	*			-40.00000	-23.00000	0.00000	-0.71007	-0.52819	
0.38954	*			-39.00000	-23.00000	0.00000	-0.72442	-0.55065	
0.39924	*			-38.00000	-23.00000	0.00000	-0.73888	-0.57420	
0.40905	*			-37.00000	-23.00000	0.00000	-0.75344	-0.59889	
0.41894	*			-36.00000	-23.00000	0.00000	-0.76806	-0.62478	
0.42889	*			-35.00000	-23.00000	0.00000	-0.78269	-0.65192	
0.43888	*			-34.00000	-23.00000	0.00000	-0.79730	-0.68036	
0.44890	*			-33.00000	-23.00000	0.00000	-0.81182	-0.71016	
0.45890	*			-32.00000	-23.00000	0.00000	-0.82622	-0.74137	
0.46888	*			-31.00000	-23.00000	0.00000	-0.84042	-0.77403	
0.47879	*			-30.00000	-23.00000	0.00000	-0.85436	-0.80821	
0.48861	*			-29.00000	-23.00000	0.00000	-0.86795	-0.84395	
0.49830	*			-28.00000	-23.00000	0.00000	-0.88111	-0.88130	
0.50783	*			-27.00000	-23.00000	0.00000	-0.89374	-0.92031	
0.51717	*			-26.00000	-23.00000	0.00000	-0.90575	-0.96099	
0.52627	*			-25.00000	-23.00000	0.00000	-0.91701	-1.0034	
0.53509	*			-24.00000	-23.00000	0.00000	-0.92739	-1.0476	
0.54360	*			-23.00000	-23.00000	0.00000	-0.93678	-1.0935	
0.55175	*			-22.00000	-23.00000	0.00000	-0.94502	-1.1411	
0.55950	*			-21.00000	-23.00000	0.00000	-0.95195	-1.1906	
0.56682	*			-20.00000	-23.00000	0.00000	-0.95741	-1.2417	
0.57366	*			-19.00000	-23.00000	0.00000	-0.96122	-1.2946	
0.58000	*			-18.00000	-23.00000	0.00000	-0.96320	-1.3490	
0.58578	*			-17.00000	-23.00000	0.00000	-0.96316	-1.4051	
0.59099	*			-16.00000	-23.00000	0.00000	-0.96090	-1.4626	
0.59560	*			-15.00000	-23.00000	0.00000	-0.95621	-1.5214	
0.59958	*			-14.00000	-23.00000	0.00000	-0.94890	-1.5814	
				-13.00000	-23.00000	0.00000	-0.93874	-1.6423	



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Job No.	Sheet No.	Rev.
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Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.60292	*			-12.00000	-23.00000	0.00000	-0.92555	-1.7041	
0.60562	*			-11.00000	-23.00000	0.00000	-0.90913	-1.7663	
0.60767	*			-10.00000	-23.00000	0.00000	-0.88929	-1.8288	
0.60908	*			-9.00000	-23.00000	0.00000	-0.86587	-1.8912	
0.60987	*			-8.00000	-23.00000	0.00000	-0.83872	-1.9532	
0.61007	*			-7.00000	-23.00000	0.00000	-0.80772	-2.0144	
0.60971	*			-6.00000	-23.00000	0.00000	-0.77278	-2.0744	
0.63715	*			-5.00000	-23.00000	0.00000	-0.73386	-2.1327	
0.66523	*			-4.00000	-23.00000	0.00000	-0.69095	-2.1889	
0.68863	*			-3.00000	-23.00000	0.00000	-0.64408	-2.2426	
0.70709	*			-2.00000	-23.00000	0.00000	-0.59334	-2.2931	
0.72035	*			-1.00000	-23.00000	0.00000	-0.53889	-2.3402	
0.72819	*			0.00000	-23.00000	0.00000	-0.48091	-2.3833	
0.73037	*			1.00000	-23.00000	0.00000	-0.41966	-2.4219	
0.79380	*			2.00000	-23.00000	0.00000	-0.35544	-2.4557	
0.79130	*			3.00000	-23.00000	0.00000	-0.28863	-2.4842	
0.78894	*			4.00000	-23.00000	0.00000	-0.21961	-2.5072	
0.78679	*			5.00000	-23.00000	0.00000	-0.14885	-2.5243	
0.78492	*			6.00000	-23.00000	0.00000	-0.076817	-2.5353	
0.78337	*			7.00000	-23.00000	0.00000	-0.0040193	-2.5401	
0.78217	*			8.00000	-23.00000	0.00000	0.069019	-2.5385	
0.78135	*			9.00000	-23.00000	0.00000	0.14177	-2.5307	
0.78093	*			10.00000	-23.00000	0.00000	0.21370	-2.5166	
0.78088	*			11.00000	-23.00000	0.00000	0.28429	-2.4964	
0.78121	*			12.00000	-23.00000	0.00000	0.35306	-2.4702	
0.78187	*			13.00000	-23.00000	0.00000	0.41953	-2.4384	
0.78282	*			14.00000	-23.00000	0.00000	0.48327	-2.4013	
0.78401	*			15.00000	-23.00000	0.00000	0.54390	-2.3593	
0.78537	*			16.00000	-23.00000	0.00000	0.60110	-2.3128	
0.78683	*			17.00000	-23.00000	0.00000	0.65458	-2.2622	
0.78832	*			18.00000	-23.00000	0.00000	0.70412	-2.2081	
0.72347	*			19.00000	-23.00000	0.00000	0.74956	-2.1509	
0.71933	*			20.00000	-23.00000	0.00000	0.79080	-2.0913	
0.70943	*			21.00000	-23.00000	0.00000	0.82781	-2.0296	
0.69402	*			22.00000	-23.00000	0.00000	0.86058	-1.9664	
0.67333	*								



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Short Term Analysis No Load From Superstructure

Job No. Sheet No. Rev.

517419

Drg. Ref.

Made by
HM

Date
20-Dec-2022

Checked

Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.64763	*			23.00000	-23.00000	0.00000	0.88919	-1.9021	
0.61720	*			24.00000	-23.00000	0.00000	0.91372	-1.8372	
0.59162	*			25.00000	-23.00000	0.00000	0.93434	-1.7721	
0.58998	*			26.00000	-23.00000	0.00000	0.95120	-1.7073	
0.58774	*			27.00000	-23.00000	0.00000	0.96452	-1.6429	
0.58489	*			28.00000	-23.00000	0.00000	0.97450	-1.5793	
0.58141	*			29.00000	-23.00000	0.00000	0.98137	-1.5169	
0.57732	*			30.00000	-23.00000	0.00000	0.98538	-1.4557	
0.42827	*			-40.00000	-16.00000	0.00000	-0.87454	-0.52004	
0.43947	*			-39.00000	-16.00000	0.00000	-0.89781	-0.54559	
0.45075	*			-38.00000	-16.00000	0.00000	-0.92172	-0.57267	
0.46208	*			-37.00000	-16.00000	0.00000	-0.94624	-0.60139	
0.47343	*			-36.00000	-16.00000	0.00000	-0.97138	-0.63184	
0.48477	*			-35.00000	-16.00000	0.00000	-0.99710	-0.66415	
0.49604	*			-34.00000	-16.00000	0.00000	-1.0234	-0.69842	
0.50720	*			-33.00000	-16.00000	0.00000	-1.0502	-0.73479	
0.51820	*			-32.00000	-16.00000	0.00000	-1.0776	-0.77339	
0.52897	*			-31.00000	-16.00000	0.00000	-1.1053	-0.81436	
0.53945	*			-30.00000	-16.00000	0.00000	-1.1335	-0.85784	
0.54957	*			-29.00000	-16.00000	0.00000	-1.1620	-0.90398	
0.55925	*			-28.00000	-16.00000	0.00000	-1.1907	-0.95294	
0.56840	*			-27.00000	-16.00000	0.00000	-1.2195	-1.0049	
0.57694	*			-26.00000	-16.00000	0.00000	-1.2483	-1.0599	
0.58477	*			-25.00000	-16.00000	0.00000	-1.2770	-1.1183	
0.59180	*			-24.00000	-16.00000	0.00000	-1.3054	-1.1801	
0.59791	*			-23.00000	-16.00000	0.00000	-1.3332	-1.2456	
0.60299	*			-22.00000	-16.00000	0.00000	-1.3603	-1.3148	
0.60694	*			-21.00000	-16.00000	0.00000	-1.3864	-1.3880	
0.60964	*			-20.00000	-16.00000	0.00000	-1.4112	-1.4652	
0.61098	*			-19.00000	-16.00000	0.00000	-1.4344	-1.5465	
0.61084	*			-18.00000	-16.00000	0.00000	-1.4556	-1.6321	
0.67546	*			-17.00000	-16.00000	0.00000	-1.4745	-1.7220	
0.74298	*			-16.00000	-16.00000	0.00000	-1.4907	-1.8162	
0.85341	*			-15.00000	-16.00000	0.00000	-1.5035	-1.9148	
0.96338	*			-14.00000	-16.00000	0.00000	-1.5126	-2.0175	
				-13.00000	-16.00000	0.00000	-1.5174	-2.1242	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
1.0678	*			-12.00000	-16.00000	0.00000	-1.5172	-2.2348	
1.1661	*			-11.00000	-16.00000	0.00000	-1.5116	-2.3490	
1.2577	*			-10.00000	-16.00000	0.00000	-1.4998	-2.4662	
1.3419	*			-9.00000	-16.00000	0.00000	-1.4813	-2.5860	
1.4180	*			-8.00000	-16.00000	0.00000	-1.4459	-2.6806	
1.4923	*			-7.00000	-16.00000	0.00000	-1.3823	-2.6967	
1.5657	*			-6.00000	-16.00000	0.00000	-1.3213	-2.7122	
1.6246	*			-5.00000	-16.00000	0.00000	-1.2615	-2.7285	
1.8175	*			-4.00000	-16.00000	0.00000	-1.2016	-2.7473	
1.8530	*			-3.00000	-16.00000	0.00000	-1.1400	-2.7707	
1.8817	*			-2.00000	-16.00000	0.00000	-1.0748	-2.8011	
1.9032	*			-1.00000	-16.00000	0.00000	-1.0042	-2.8409	
1.9168	*			0.00000	-16.00000	0.00000	-0.92642	-2.8927	
1.7730	*			1.00000	-16.00000	0.00000	-0.81796	-2.6183	
2.0096	*			2.00000	-16.00000	0.00000	-0.70119	-2.6991	
1.9901	*			3.00000	-16.00000	0.00000	-0.57697	-2.7684	
1.9726	*			4.00000	-16.00000	0.00000	-0.44636	-2.8252	
1.9576	*			5.00000	-16.00000	0.00000	-0.31056	-2.8684	
1.9455	*			6.00000	-16.00000	0.00000	-0.17091	-2.8974	
1.9365	*			7.00000	-16.00000	0.00000	-0.028831	-2.9115	
1.9308	*			8.00000	-16.00000	0.00000	0.11419	-2.9104	
1.9285	*			9.00000	-16.00000	0.00000	0.25666	-2.8942	
1.9296	*			10.00000	-16.00000	0.00000	0.39706	-2.8629	
1.9342	*			11.00000	-16.00000	0.00000	0.53393	-2.8170	
1.9422	*			12.00000	-16.00000	0.00000	0.66588	-2.7571	
1.9533	*			13.00000	-16.00000	0.00000	0.79160	-2.6841	
1.9673	*			14.00000	-16.00000	0.00000	0.90992	-2.5989	
1.9839	*			15.00000	-16.00000	0.00000	1.0198	-2.5029	
2.0027	*			16.00000	-16.00000	0.00000	1.1205	-2.3974	
2.0234	*			17.00000	-16.00000	0.00000	1.2112	-2.2839	
2.0454	*			18.00000	-16.00000	0.00000	1.2889	-2.5338	
1.5047	*			19.00000	-16.00000	0.00000	1.3372	-2.4593	
1.4991	*			20.00000	-16.00000	0.00000	1.3775	-2.4002	
1.4844	*			21.00000	-16.00000	0.00000	1.4119	-2.3541	
1.4612	*			22.00000	-16.00000	0.00000	1.4429	-2.3183	
1.4301	*								



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
1.3915	*			23.00000	-16.00000	0.00000	1.4725	-2.2906	
1.3454	*			24.00000	-16.00000	0.00000	1.5027	-2.2686	
1.2913	*			25.00000	-16.00000	0.00000	1.5352	-2.2505	
1.2276	*			26.00000	-16.00000	0.00000	1.5715	-2.2347	
1.1711	*			27.00000	-16.00000	0.00000	1.5755	-2.1307	
1.1153	*			28.00000	-16.00000	0.00000	1.5686	-2.0167	
1.0559	*			29.00000	-16.00000	0.00000	1.5567	-1.9075	
0.99338	*			30.00000	-16.00000	0.00000	1.5406	-1.8032	
0.47092	*			-40.00000	-9.00000	0.00000	-1.0520	-0.46851	
0.48326	*			-39.00000	-9.00000	0.00000	-1.0869	-0.49473	
0.49558	*			-38.00000	-9.00000	0.00000	-1.1233	-0.52283	
0.50781	*			-37.00000	-9.00000	0.00000	-1.1613	-0.55296	
0.51990	*			-36.00000	-9.00000	0.00000	-1.2009	-0.58531	
0.53174	*			-35.00000	-9.00000	0.00000	-1.2422	-0.62007	
0.54327	*			-34.00000	-9.00000	0.00000	-1.2852	-0.65743	
0.55436	*			-33.00000	-9.00000	0.00000	-1.3301	-0.69763	
0.56489	*			-32.00000	-9.00000	0.00000	-1.3768	-0.74092	
0.57474	*			-31.00000	-9.00000	0.00000	-1.4255	-0.78757	
0.58375	*			-30.00000	-9.00000	0.00000	-1.4761	-0.83788	
0.59175	*			-29.00000	-9.00000	0.00000	-1.5287	-0.89217	
0.59856	*			-28.00000	-9.00000	0.00000	-1.5833	-0.95078	
0.60394	*			-27.00000	-9.00000	0.00000	-1.6399	-1.0141	
0.60769	*			-26.00000	-9.00000	0.00000	-1.6984	-1.0826	
0.60952	*			-25.00000	-9.00000	0.00000	-1.7589	-1.1566	
0.66493	*			-24.00000	-9.00000	0.00000	-1.8213	-1.2367	
0.74100	*			-23.00000	-9.00000	0.00000	-1.8854	-1.3234	
0.83730	*			-22.00000	-9.00000	0.00000	-1.9510	-1.4172	
1.0064	*			-21.00000	-9.00000	0.00000	-2.0180	-1.5186	
1.1701	*			-20.00000	-9.00000	0.00000	-2.0860	-1.6284	
1.3314	*			-19.00000	-9.00000	0.00000	-2.1546	-1.7472	
1.4852	*			-18.00000	-9.00000	0.00000	-2.2235	-1.8755	
1.6304	*			-17.00000	-9.00000	0.00000	-2.2919	-2.0141	
1.7697	*			-16.00000	-9.00000	0.00000	-2.3544	-2.1549	
1.9341	*			-15.00000	-9.00000	0.00000	-2.2584	-2.1541	
2.0800	*			-14.00000	-9.00000	0.00000	-2.1143	-2.1185	
				-13.00000	-9.00000	0.00000	-1.9999	-2.0804	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
2.2055	*			-12.00000	-9.00000	0.00000	-1.9165	-2.0409	
2.3192	*			-11.00000	-9.00000	0.00000	-1.8651	-2.0012	
2.4253	*			-10.00000	-9.00000	0.00000	-1.8466	-1.9634	
2.5237	*			-9.00000	-9.00000	0.00000	-1.8617	-1.9295	
2.6109	*			-8.00000	-9.00000	0.00000	-1.8683	-1.8599	
2.7561	*			-7.00000	-9.00000	0.00000	-1.8936	-1.7851	
2.9005	*			-6.00000	-9.00000	0.00000	-1.9352	-1.7079	
3.0391	*			-5.00000	-9.00000	0.00000	-1.9610	-1.0761	
3.8139	*			-4.00000	-9.00000	0.00000	-1.9866	-1.0375	
3.9089	*			-3.00000	-9.00000	0.00000	-2.0181	-0.98085	
3.9923	*			-2.00000	-9.00000	0.00000	-2.0492	-0.91343	
4.0570	*			-1.00000	-9.00000	0.00000	-2.0709	-0.84621	
4.0958	*			0.00000	-9.00000	0.00000	-2.0726	-1.3898	
3.4358	*			1.00000	-9.00000	0.00000	-1.8625	-1.1492	
3.4603	*			2.00000	-9.00000	0.00000	-1.6234	-1.3800	
3.3524	*			3.00000	-9.00000	0.00000	-1.3584	-1.5808	
3.2564	*			4.00000	-9.00000	0.00000	-1.0716	-1.7471	
3.1748	*			5.00000	-9.00000	0.00000	-0.76748	-1.8754	
3.1093	*			6.00000	-9.00000	0.00000	-0.45093	-1.9633	
3.0614	*			7.00000	-9.00000	0.00000	-0.12679	-2.0094	
3.0320	*			8.00000	-9.00000	0.00000	0.20023	-2.0133	
3.0214	*			9.00000	-9.00000	0.00000	0.52566	-1.9749	
3.0299	*			10.00000	-9.00000	0.00000	0.84518	-1.8949	
3.0572	*			11.00000	-9.00000	0.00000	1.1546	-1.7747	
3.1027	*			12.00000	-9.00000	0.00000	1.4497	-1.6158	
3.1658	*			13.00000	-9.00000	0.00000	1.7265	-1.4205	
3.2452	*			14.00000	-9.00000	0.00000	1.9809	-1.1920	
3.3395	*			15.00000	-9.00000	0.00000	2.2090	-0.93411	
3.4468	*			16.00000	-9.00000	0.00000	2.4076	-0.65158	
3.5646	*			17.00000	-9.00000	0.00000	2.5741	-0.35007	
3.6903	*			18.00000	-9.00000	0.00000	2.6849	-1.7813	
2.3128	*			19.00000	-9.00000	0.00000	2.6037	-1.7924	
2.3106	*			20.00000	-9.00000	0.00000	2.5025	-1.8270	
2.2726	*			21.00000	-9.00000	0.00000	2.3934	-1.8719	
2.2057	*			22.00000	-9.00000	0.00000	2.2863	-1.9159	
2.1173	*								



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
2.0146	*			23.00000	-9.00000	0.00000	2.1888	-1.9515	
1.9043	*			24.00000	-9.00000	0.00000	2.1058	-1.9742	
1.7925	*			25.00000	-9.00000	0.00000	2.0401	-1.9822	
1.6840	*			26.00000	-9.00000	0.00000	1.9929	-1.9757	
1.5899	*			27.00000	-9.00000	0.00000	1.9602	-1.9515	
1.5500	*			28.00000	-9.00000	0.00000	1.9225	-1.8925	
1.5038	*			29.00000	-9.00000	0.00000	1.9143	-1.8357	
1.4536	*			30.00000	-9.00000	0.00000	1.9331	-1.7815	
0.50350	*			-40.00000	-2.00000	0.00000	-1.2192	-0.36064	
0.51634	*			-39.00000	-2.00000	0.00000	-1.2669	-0.38310	
0.52897	*			-38.00000	-2.00000	0.00000	-1.3173	-0.40741	
0.54128	*			-37.00000	-2.00000	0.00000	-1.3705	-0.43376	
0.55313	*			-36.00000	-2.00000	0.00000	-1.4269	-0.46236	
0.56438	*			-35.00000	-2.00000	0.00000	-1.4866	-0.49346	
0.57485	*			-34.00000	-2.00000	0.00000	-1.5498	-0.52732	
0.58434	*			-33.00000	-2.00000	0.00000	-1.6169	-0.56425	
0.59261	*			-32.00000	-2.00000	0.00000	-1.6880	-0.60458	
0.59938	*			-31.00000	-2.00000	0.00000	-1.7636	-0.64870	
0.60435	*			-30.00000	-2.00000	0.00000	-1.8438	-0.69705	
0.60714	*			-29.00000	-2.00000	0.00000	-1.9292	-0.75013	
0.65905	*			-28.00000	-2.00000	0.00000	-2.0200	-0.80849	
0.76788	*			-27.00000	-2.00000	0.00000	-2.1165	-0.87277	
0.87115	*			-26.00000	-2.00000	0.00000	-2.2194	-0.94370	
0.96795	*			-25.00000	-2.00000	0.00000	-2.3289	-1.0221	
1.0573	*			-24.00000	-2.00000	0.00000	-2.4454	-1.1089	
1.2568	*			-23.00000	-2.00000	0.00000	-2.5696	-1.2053	
1.4568	*			-22.00000	-2.00000	0.00000	-2.7017	-1.3123	
1.6766	*			-21.00000	-2.00000	0.00000	-2.6356	-1.3578	
1.8694	*			-20.00000	-2.00000	0.00000	-2.5946	-1.4088	
2.0475	*			-19.00000	-2.00000	0.00000	-2.5819	-1.4660	
2.2170	*			-18.00000	-2.00000	0.00000	-2.6006	-1.5299	
2.4160	*			-17.00000	-2.00000	0.00000	-2.3571	-1.5828	
2.5950	*			-16.00000	-2.00000	0.00000	-2.1210	-1.6386	
2.7651	*			-15.00000	-2.00000	0.00000	-1.9326	-1.6994	
2.9326	*			-14.00000	-2.00000	0.00000	-1.7974	-1.7651	
				-13.00000	-2.00000	0.00000	-1.6925	-1.8065	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
3.1471	*			-12.00000	-2.00000	0.00000	-1.6068	-1.8059	
3.4321	*			-11.00000	-2.00000	0.00000	-1.5709	-1.7884	
3.7339	*			-10.00000	-2.00000	0.00000	-1.5885	-1.7543	
4.0378	*			-9.00000	-2.00000	0.00000	-1.6618	-1.7073	
4.3230	*			-8.00000	-2.00000	0.00000	-1.7919	-1.6560	
4.5615	*			-7.00000	-2.00000	0.00000	-1.9785	-1.6142	
4.7185	*			-6.00000	-2.00000	0.00000	-2.2226	-1.5991	
4.7523	*			-5.00000	-2.00000	0.00000	-2.3526	0.058735	
6.2663	*			-4.00000	-2.00000	0.00000	-2.5280	-0.32658	
5.8303	*			-3.00000	-2.00000	0.00000	-2.9032	-0.61563	
5.1794	*			-2.00000	-2.00000	0.00000	-3.6565	-0.69393	
4.2546	*			-1.00000	-2.00000	0.00000	-4.3959	0.30527	
4.0501	*			0.00000	-2.00000	0.00000	-5.5360	0.090021	
2.2863	*			1.00000	-2.00000	0.00000	-5.0553	-1.3671	
0.48062	*			2.00000	-2.00000	0.00000	-4.4255	-2.0437	
-0.17554	*			3.00000	-2.00000	0.00000	-3.6872	-2.6055	
-0.72957	*			4.00000	-2.00000	0.00000	-2.8843	-3.0409	
-1.1717	*			5.00000	-2.00000	0.00000	-2.0513	-3.3506	
-1.5028	*			6.00000	-2.00000	0.00000	-1.2112	-3.5417	
-1.7299	*			7.00000	-2.00000	0.00000	-0.37711	-3.6225	
-1.8593	*			8.00000	-2.00000	0.00000	0.44394	-3.6005	
-1.8959	*			9.00000	-2.00000	0.00000	1.2485	-3.4817	
-1.8443	*			10.00000	-2.00000	0.00000	2.0349	-3.2700	
-1.7081	*			11.00000	-2.00000	0.00000	2.8019	-2.9673	
-1.4887	*			12.00000	-2.00000	0.00000	3.5474	-2.5732	
-1.1846	*			13.00000	-2.00000	0.00000	4.2661	-2.0853	
-0.79206	*			14.00000	-2.00000	0.00000	4.9466	-1.4997	
-0.30762	*			15.00000	-2.00000	0.00000	5.5675	-0.81431	
0.27055	*			16.00000	-2.00000	0.00000	6.0959	-0.033624	
0.94056	*			17.00000	-2.00000	0.00000	6.4915	0.82471	
1.6901	*			18.00000	-2.00000	0.00000	6.5285	-1.9049	
-0.078818	*			19.00000	-2.00000	0.00000	5.1782	-3.5098	
-0.0024370	*			20.00000	-2.00000	0.00000	4.1890	-4.3040	
0.32606	*			21.00000	-2.00000	0.00000	3.2564	-4.1890	
1.2028	*			22.00000	-2.00000	0.00000	2.6870	-3.9225	
1.7908	*								



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
2.1508	*			23.00000	-2.00000	0.00000	2.3235	-3.6060	
2.3363	*			24.00000	-2.00000	0.00000	2.0879	-3.2873	
2.3933	*			25.00000	-2.00000	0.00000	1.9396	-2.9869	
2.3606	*			26.00000	-2.00000	0.00000	1.8557	-2.7122	
2.2708	*			27.00000	-2.00000	0.00000	1.8217	-2.4651	
2.1498	*			28.00000	-2.00000	0.00000	1.8278	-2.2444	
2.0174	*			29.00000	-2.00000	0.00000	1.8671	-2.0481	
1.8876	*			30.00000	-2.00000	0.00000	1.9346	-1.8737	
0.52322	*			-40.00000	5.00000	0.00000	-1.3418	-0.19578	
0.53605	*			-39.00000	5.00000	0.00000	-1.4000	-0.20892	
0.54846	*			-38.00000	5.00000	0.00000	-1.4620	-0.22326	
0.56029	*			-37.00000	5.00000	0.00000	-1.5282	-0.23893	
0.57134	*			-36.00000	5.00000	0.00000	-1.5989	-0.25609	
0.58138	*			-35.00000	5.00000	0.00000	-1.6746	-0.27492	
0.59015	*			-34.00000	5.00000	0.00000	-1.7557	-0.29562	
0.59733	*			-33.00000	5.00000	0.00000	-1.8428	-0.31842	
0.60253	*			-32.00000	5.00000	0.00000	-1.9364	-0.34361	
0.60532	*			-31.00000	5.00000	0.00000	-2.0372	-0.37149	
0.60517	*			-30.00000	5.00000	0.00000	-2.1459	-0.40244	
0.69803	*			-29.00000	5.00000	0.00000	-2.2634	-0.43688	
0.82246	*			-28.00000	5.00000	0.00000	-2.3906	-0.47531	
0.94157	*			-27.00000	5.00000	0.00000	-2.5285	-0.51833	
1.0543	*			-26.00000	5.00000	0.00000	-2.6785	-0.56661	
1.1593	*			-25.00000	5.00000	0.00000	-2.8418	-0.62100	
1.2552	*			-24.00000	5.00000	0.00000	-3.0201	-0.68246	
1.5721	*			-23.00000	5.00000	0.00000	-2.9550	-0.74668	
1.8702	*			-22.00000	5.00000	0.00000	-2.8131	-0.81772	
2.1549	*			-21.00000	5.00000	0.00000	-2.6922	-0.89898	
2.4396	*			-20.00000	5.00000	0.00000	-2.5944	-0.99225	
2.7324	*			-19.00000	5.00000	0.00000	-2.5221	-1.0997	
3.0394	*			-18.00000	5.00000	0.00000	-2.4755	-1.2240	
3.4068	*			-17.00000	5.00000	0.00000	-1.9126	-1.3682	
3.7529	*			-16.00000	5.00000	0.00000	-1.3848	-1.5363	
4.0921	*			-15.00000	5.00000	0.00000	-0.89581	-1.7326	
4.4249	*			-14.00000	5.00000	0.00000	-0.45013	-1.9625	
				-13.00000	5.00000	0.00000	-0.053503	-2.2318	



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517419		
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
4.7375	*			-12.00000	5.00000	0.00000	0.28706	-2.5463	
5.0008	*			-11.00000	5.00000	0.00000	0.56252	-2.9097	
5.1698	*			-10.00000	5.00000	0.00000	0.75865	-3.3195	
5.1824	*			-9.00000	5.00000	0.00000	0.84344	-3.7533	
4.9567	*			-8.00000	5.00000	0.00000	0.71310	-4.1297	
4.3822	*			-7.00000	5.00000	0.00000	-0.075436	-4.1456	
3.2738	*			-6.00000	5.00000	0.00000	-2.7076	-1.3823	
2.4947	*			-5.00000	5.00000	0.00000	-3.4612	3.4324	
4.2044	*			-4.00000	5.00000	0.00000	-2.8250	2.6822	
2.9340	*			-3.00000	5.00000	0.00000	-2.0076	2.0697	
1.4573	*			-2.00000	5.00000	0.00000	-1.0098	1.6215	
-0.31268	*			-1.00000	5.00000	0.00000	0.22293	1.3362	
-2.5225	*			0.00000	5.00000	0.00000	1.7745	-2.4514	
-8.0154	*			1.00000	5.00000	0.00000	Point lies within an		
excavation.	*			2.00000	5.00000	0.00000	Point lies within an		
excavation.	*			3.00000	5.00000	0.00000	Point lies within an		
excavation.	*			4.00000	5.00000	0.00000	Point lies within an		
excavation.	*			5.00000	5.00000	0.00000	Point lies within an		
excavation.	*			6.00000	5.00000	0.00000	Point lies within an		
excavation.	*			7.00000	5.00000	0.00000	Point lies within an		
excavation.	*			8.00000	5.00000	0.00000	Point lies within an		
excavation.	*			9.00000	5.00000	0.00000	Point lies within an		
excavation.	*			10.00000	5.00000	0.00000	Point lies within an		
excavation.	*			11.00000	5.00000	0.00000	Point lies within an		
excavation.	*			12.00000	5.00000	0.00000	Point lies within an		
excavation.	*			13.00000	5.00000	0.00000	Point lies within an		
excavation.	*			14.00000	5.00000	0.00000	Point lies within an		
excavation.	*			15.00000	5.00000	0.00000	Point lies within an		
excavation.	*			16.00000	5.00000	0.00000	Point lies within an		
excavation.	*			17.00000	5.00000	0.00000	Point lies within an		
-6.1101	*			18.00000	5.00000	0.00000	1.2342	-5.0307	
-2.8425	*			19.00000	5.00000	0.00000	1.8867	-4.4983	
-0.52719	*			20.00000	5.00000	0.00000	2.1059	-3.9918	
1.1189	*			21.00000	5.00000	0.00000	2.0560	-3.5232	
2.2277	*			22.00000	5.00000	0.00000	1.8880	-3.0995	



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				[m]	[m]	[m]	[mm]	[mm]	[mm]
2.9132	*			23.00000	5.00000	0.00000	1.7007	-2.7234	
3.2768	*			24.00000	5.00000	0.00000	1.5461	-2.3934	
3.4053	*			25.00000	5.00000	0.00000	1.4457	-2.1063	
3.3715	*			26.00000	5.00000	0.00000	1.4050	-1.8576	
3.2346	*			27.00000	5.00000	0.00000	1.4220	-1.6427	
3.0411	*			28.00000	5.00000	0.00000	1.4916	-1.4570	
2.8260	*			29.00000	5.00000	0.00000	1.6079	-1.2963	
2.6140	*			30.00000	5.00000	0.00000	1.7651	-1.1572	
0.52924	*			-40.00000	12.00000	0.00000	-1.3863	0.0060994	
0.54195	*			-39.00000	12.00000	0.00000	-1.4486	0.0063265	
0.55414	*			-38.00000	12.00000	0.00000	-1.5152	0.0065616	
0.56563	*			-37.00000	12.00000	0.00000	-1.5866	0.0068046	
0.57619	*			-36.00000	12.00000	0.00000	-1.6631	0.0070555	
0.58555	*			-35.00000	12.00000	0.00000	-1.7452	0.0073140	
0.59341	*			-34.00000	12.00000	0.00000	-1.8337	0.0075802	
0.59938	*			-33.00000	12.00000	0.00000	-1.9290	0.0078540	
0.60303	*			-32.00000	12.00000	0.00000	-2.0320	0.0081354	
0.60383	*			-31.00000	12.00000	0.00000	-2.1435	0.0084245	
0.60115	*			-30.00000	12.00000	0.00000	-2.2644	0.0087218	
0.74223	*			-29.00000	12.00000	0.00000	-2.3958	0.0090283	
0.93018	*			-28.00000	12.00000	0.00000	-2.5391	0.0093460	
1.1119	*			-27.00000	12.00000	0.00000	-2.6956	0.0096782	
1.2861	*			-26.00000	12.00000	0.00000	-2.8671	0.010030	
1.4513	*			-25.00000	12.00000	0.00000	-3.0554	0.010411	
1.6054	*			-24.00000	12.00000	0.00000	-3.2629	0.010835	
1.7955	*			-23.00000	12.00000	0.00000	-3.0814	0.011323	
1.9601	*			-22.00000	12.00000	0.00000	-2.7831	0.011909	
2.1093	*			-21.00000	12.00000	0.00000	-2.5104	0.012643	
2.2642	*			-20.00000	12.00000	0.00000	-2.2658	0.013602	
2.4375	*			-19.00000	12.00000	0.00000	-2.0527	0.014899	
2.6338	*			-18.00000	12.00000	0.00000	-1.8754	0.016705	
2.8486	*			-17.00000	12.00000	0.00000	-1.7393	0.019271	
3.0681	*			-16.00000	12.00000	0.00000	-1.6511	0.022963	
3.2685	*			-15.00000	12.00000	0.00000	-1.6185	0.028310	
3.4148	*			-14.00000	12.00000	0.00000	-1.6504	0.036055	
				-13.00000	12.00000	0.00000	-1.7561	0.047201	



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Drg. Ref.		
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
3.4600	*			-12.00000	12.00000	0.00000	-1.9431	0.063013	
3.3432	*			-11.00000	12.00000	0.00000	-2.2131	0.084898	
2.9884	*			-10.00000	12.00000	0.00000	-2.5534	0.11399	
2.3032	*			-9.00000	12.00000	0.00000	-2.9221	0.15021	
1.1784	*			-8.00000	12.00000	0.00000	-3.2277	0.19074	
-0.50802	*			-7.00000	12.00000	0.00000	-3.3166	0.22825	
-2.8854	*			-6.00000	12.00000	0.00000	-3.0025	0.25061	
-6.1414	*			-5.00000	12.00000	0.00000	Point lies within an		
excavation.	*			-4.00000	12.00000	0.00000	Point lies within an		
excavation.	*			-3.00000	12.00000	0.00000	Point lies within an		
excavation.	*			-2.00000	12.00000	0.00000	Point lies within an		
excavation.	*			-1.00000	12.00000	0.00000	Point lies within an		
excavation.	*			0.00000	12.00000	0.00000	Point lies within an		
excavation.	*			1.00000	12.00000	0.00000	Point lies within an		
excavation.	*			2.00000	12.00000	0.00000	Point lies within an		
excavation.	*			3.00000	12.00000	0.00000	Point lies within an		
excavation.	*			4.00000	12.00000	0.00000	Point lies within an		
excavation.	*			5.00000	12.00000	0.00000	Point lies within an		
excavation.	*			6.00000	12.00000	0.00000	Point lies within an		
excavation.	*			7.00000	12.00000	0.00000	Point lies within an		
excavation.	*			8.00000	12.00000	0.00000	Point lies within an		
excavation.	*			9.00000	12.00000	0.00000	Point lies within an		
excavation.	*			10.00000	12.00000	0.00000	Point lies within an		
excavation.	*			11.00000	12.00000	0.00000	Point lies within an		
excavation.	*			12.00000	12.00000	0.00000	Point lies within an		
excavation.	*			13.00000	12.00000	0.00000	Point lies within an		
excavation.	*			14.00000	12.00000	0.00000	Point lies within an		
excavation.	*			15.00000	12.00000	0.00000	Point lies within an		
excavation.	*			16.00000	12.00000	0.00000	Point lies within an		
excavation.	*			17.00000	12.00000	0.00000	Point lies within an		
-7.2499	*			18.00000	12.00000	0.00000	2.6483	1.4816	
-3.7979	*			19.00000	12.00000	0.00000	3.1986	1.3571	
-1.3156	*			20.00000	12.00000	0.00000	3.3038	1.2225	
0.47648	*			21.00000	12.00000	0.00000	3.1341	1.0866	
1.7091	*			22.00000	12.00000	0.00000	2.8466	0.95591	



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Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
2.4974	*			23.00000	12.00000	0.00000	2.5454	0.83492	
2.9449	*			24.00000	12.00000	0.00000	2.2857	0.72590	
3.1415	*			25.00000	12.00000	0.00000	2.0908	0.62959	
3.1624	*			26.00000	12.00000	0.00000	1.9668	0.54567	
3.0693	*			27.00000	12.00000	0.00000	1.9110	0.47321	
2.9107	*			28.00000	12.00000	0.00000	1.9175	0.41101	
2.7237	*			29.00000	12.00000	0.00000	1.9794	0.35779	
2.5339	*			30.00000	12.00000	0.00000	2.0899	0.31231	
0.52162	*			-40.00000	19.00000	0.00000	-1.3386	0.20766	
0.53433	*			-39.00000	19.00000	0.00000	-1.3967	0.22126	
0.54661	*			-38.00000	19.00000	0.00000	-1.4586	0.23606	
0.55829	*			-37.00000	19.00000	0.00000	-1.5247	0.25222	
0.56917	*			-36.00000	19.00000	0.00000	-1.5953	0.26987	
0.57903	*			-35.00000	19.00000	0.00000	-1.6709	0.28921	
0.58759	*			-34.00000	19.00000	0.00000	-1.7519	0.31044	
0.59453	*			-33.00000	19.00000	0.00000	-1.8389	0.33379	
0.59948	*			-32.00000	19.00000	0.00000	-1.9324	0.35953	
0.60198	*			-31.00000	19.00000	0.00000	-2.0332	0.38797	
0.60150	*			-30.00000	19.00000	0.00000	-2.1418	0.41947	
0.65720	*			-29.00000	19.00000	0.00000	-2.2593	0.45447	
0.77425	*			-28.00000	19.00000	0.00000	-2.3864	0.49344	
0.88529	*			-27.00000	19.00000	0.00000	-2.5244	0.53696	
1.1292	*			-26.00000	19.00000	0.00000	-2.6743	0.58571	
1.4245	*			-25.00000	19.00000	0.00000	-2.8377	0.64049	
1.7096	*			-24.00000	19.00000	0.00000	-3.0160	0.70223	
2.0012	*			-23.00000	19.00000	0.00000	-3.0929	0.75843	
2.2877	*			-22.00000	19.00000	0.00000	-3.0086	0.79983	
2.5521	*			-21.00000	19.00000	0.00000	-2.9530	0.84740	
2.8543	*			-20.00000	19.00000	0.00000	-2.5410	0.90199	
3.1473	*			-19.00000	19.00000	0.00000	-2.0020	0.96453	
3.4429	*			-18.00000	19.00000	0.00000	-1.5023	1.0360	
3.7627	*			-17.00000	19.00000	0.00000	-1.0472	1.1176	
4.1156	*			-16.00000	19.00000	0.00000	-0.64363	1.2101	
4.4970	*			-15.00000	19.00000	0.00000	-0.30112	1.3143	
4.8890	*			-14.00000	19.00000	0.00000	-0.032122	1.4301	
				-13.00000	19.00000	0.00000	0.14678	1.5563	

Job No.	Sheet No.	Rev.
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
5.2601	*			-12.00000	19.00000	0.00000	0.21347	1.6890	
5.5644	*			-11.00000	19.00000	0.00000	0.13838	1.8200	
5.7425	*			-10.00000	19.00000	0.00000	-0.11759	1.9343	
5.7217	*			-9.00000	19.00000	0.00000	-0.52770	1.9320	
5.5501	*			-8.00000	19.00000	0.00000	-0.96920	1.6101	
5.4256	*			-7.00000	19.00000	0.00000	-1.5823	1.0793	
5.0264	*			-6.00000	19.00000	0.00000	-2.2816	0.40266	
4.2562	*			-5.00000	19.00000	0.00000	-2.2811	-2.2094	
5.0861	*			-4.00000	19.00000	0.00000	-1.7792	-1.5890	
2.7708	*			-3.00000	19.00000	0.00000	-0.83239	-1.0265	
-0.33250	*			-2.00000	19.00000	0.00000	Point lies within an		
excavation.	*			-1.00000	19.00000	0.00000	Point lies within an		
excavation.	*			0.00000	19.00000	0.00000	Point lies within an		
excavation.	*			1.00000	19.00000	0.00000	Point lies within an		
excavation.	*			2.00000	19.00000	0.00000	Point lies within an		
excavation.	*			3.00000	19.00000	0.00000	Point lies within an		
excavation.	*			4.00000	19.00000	0.00000	Point lies within an		
excavation.	*			5.00000	19.00000	0.00000	Point lies within an		
excavation.	*			6.00000	19.00000	0.00000	Point lies within an		
excavation.	*			7.00000	19.00000	0.00000	Point lies within an		
excavation.	*			8.00000	19.00000	0.00000	Point lies within an		
excavation.	*			9.00000	19.00000	0.00000	Point lies within an		
excavation.	*			10.00000	19.00000	0.00000	Point lies within an		
excavation.	*			11.00000	19.00000	0.00000	Point lies within an		
excavation.	*			12.00000	19.00000	0.00000	Point lies within an		
-9.7521	*			13.00000	19.00000	0.00000	9.2187	-0.48844	
-8.0936	*			14.00000	19.00000	0.00000	9.7270	-0.90066	
-6.5598	*			15.00000	19.00000	0.00000	10.122	-1.4598	
-5.0396	*			16.00000	19.00000	0.00000	10.409	-2.1633	
-3.4603	*			17.00000	19.00000	0.00000	10.547	-2.9882	
-4.6383	*			18.00000	19.00000	0.00000	8.6626	2.9618	
-2.2295	*			19.00000	19.00000	0.00000	4.1220	5.9980	
-0.59539	*			20.00000	19.00000	0.00000	3.5973	5.4740	
0.53974	*			21.00000	19.00000	0.00000	3.3022	4.8245	
1.3136	*			22.00000	19.00000	0.00000	3.0482	4.2163	



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Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
1.8089	*			23.00000	19.00000	0.00000	2.8266	3.6803	
2.0920	*			24.00000	19.00000	0.00000	2.6442	3.2181	
2.2186	*			25.00000	19.00000	0.00000	2.5047	2.8224	
2.2355	*			26.00000	19.00000	0.00000	2.4078	2.4843	
2.1807	*			27.00000	19.00000	0.00000	2.3509	2.1948	
2.0847	*			28.00000	19.00000	0.00000	2.3305	1.9464	
1.9705	*			29.00000	19.00000	0.00000	2.3430	1.7325	
1.8545	*			30.00000	19.00000	0.00000	2.3850	1.5477	
0.50053	*			-40.00000	26.00000	0.00000	-1.2130	0.37156	
0.51316	*			-39.00000	26.00000	0.00000	-1.2605	0.39445	
0.52555	*			-38.00000	26.00000	0.00000	-1.3106	0.41921	
0.53760	*			-37.00000	26.00000	0.00000	-1.3636	0.44603	
0.54916	*			-36.00000	26.00000	0.00000	-1.4198	0.47514	
0.56009	*			-35.00000	26.00000	0.00000	-1.4792	0.50677	
0.57020	*			-34.00000	26.00000	0.00000	-1.5422	0.54118	
0.57928	*			-33.00000	26.00000	0.00000	-1.6090	0.57869	
0.58710	*			-32.00000	26.00000	0.00000	-1.6800	0.61964	
0.59336	*			-31.00000	26.00000	0.00000	-1.7554	0.66441	
0.59774	*			-30.00000	26.00000	0.00000	-1.8355	0.71345	
0.59986	*			-29.00000	26.00000	0.00000	-1.9208	0.76724	
0.59928	*			-28.00000	26.00000	0.00000	-2.0115	0.82636	
0.62536	*			-27.00000	26.00000	0.00000	-2.1082	0.89144	
0.78865	*			-26.00000	26.00000	0.00000	-2.2112	0.96321	
1.0024	*			-25.00000	26.00000	0.00000	-2.3211	1.0425	
1.2072	*			-24.00000	26.00000	0.00000	-2.4383	1.1303	
1.4020	*			-23.00000	26.00000	0.00000	-2.5633	1.2276	
1.5850	*			-22.00000	26.00000	0.00000	-2.6966	1.3357	
1.7545	*			-21.00000	26.00000	0.00000	-2.8389	1.4561	
1.9842	*			-20.00000	26.00000	0.00000	-2.7829	1.5476	
2.3003	*			-19.00000	26.00000	0.00000	-2.4957	1.5729	
2.5864	*			-18.00000	26.00000	0.00000	-2.2459	1.6039	
2.8632	*			-17.00000	26.00000	0.00000	-2.0368	1.6412	
3.1556	*			-16.00000	26.00000	0.00000	-1.8664	1.6802	
3.4936	*			-15.00000	26.00000	0.00000	-1.7248	1.7077	
3.8673	*			-14.00000	26.00000	0.00000	-1.5198	1.7305	
				-13.00000	26.00000	0.00000	-1.1218	1.7442	



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Job No.	Sheet No.	Rev.
517419		
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Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
4.2677	*			-12.00000	26.00000	0.00000	-0.77923	1.7579	
4.6593	*			-11.00000	26.00000	0.00000	-0.49898	1.7734	
5.0388	*			-10.00000	26.00000	0.00000	-0.29025	1.7929	
5.3914	*			-9.00000	26.00000	0.00000	-0.16610	1.8175	
5.6911	*			-8.00000	26.00000	0.00000	-0.14651	1.8453	
5.9012	*			-7.00000	26.00000	0.00000	-0.26431	1.8660	
5.9753	*			-6.00000	26.00000	0.00000	-0.57556	1.8531	
5.8597	*			-5.00000	26.00000	0.00000	-0.92471	0.35436	
6.9147	*			-4.00000	26.00000	0.00000	-1.2709	-0.26439	
7.0734	*			-3.00000	26.00000	0.00000	-1.8176	-1.2786	
7.2733	*			-2.00000	26.00000	0.00000	-1.5786	751.04E-6	
5.8608	*			-1.00000	26.00000	0.00000	-0.90591	0.66040	
5.4113	*			0.00000	26.00000	0.00000	-0.21267	1.1528	
4.9117	*			1.00000	26.00000	0.00000	0.34349	1.3792	
4.3206	*			2.00000	26.00000	0.00000	0.40489	1.1351	
3.5478	*			3.00000	26.00000	0.00000	-0.31612	-0.74383	
3.3112	*			4.00000	26.00000	0.00000	-0.96833	2.5046	
-1.2566	*			5.00000	26.00000	0.00000	0.11531	2.5287	
-1.2855	*			6.00000	26.00000	0.00000	1.1801	2.3715	
-1.0770	*			7.00000	26.00000	0.00000	2.1415	2.0473	
-0.64678	*			8.00000	26.00000	0.00000	1.1322	8.2497	
-3.2843	*			9.00000	26.00000	0.00000	0.12930	9.7831	
-2.6931	*			10.00000	26.00000	0.00000	-5.8541	3.4059	
5.5187	*			11.00000	26.00000	0.00000	-5.3608	3.5340	
5.9216	*			12.00000	26.00000	0.00000	-4.7156	3.4965	
6.0671	*			13.00000	26.00000	0.00000	-4.0241	-2.9402	
11.632	*			14.00000	26.00000	0.00000	-3.3313	-3.1156	
11.458	*			15.00000	26.00000	0.00000	-2.6581	-3.3186	
11.196	*			16.00000	26.00000	0.00000	-2.0144	-3.5349	
10.882	*			17.00000	26.00000	0.00000	-1.4047	-3.7541	
10.546	*			18.00000	26.00000	0.00000	-0.86421	-1.8286	
8.3387	*			19.00000	26.00000	0.00000	2.5074	1.9987	
3.7324	*			20.00000	26.00000	0.00000	2.4995	2.0307	
3.5598	*			21.00000	26.00000	0.00000	2.5068	2.0767	
3.3691	*			22.00000	26.00000	0.00000	2.5434	2.1169	
3.1689	*								



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Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
2.9615	*			23.00000	26.00000	0.00000	2.6176	2.1404	
2.7432	*			24.00000	26.00000	0.00000	2.7328	2.1431	
2.5039	*			25.00000	26.00000	0.00000	2.8892	2.1253	
2.3657	*			26.00000	26.00000	0.00000	2.7700	2.0300	
2.2206	*			27.00000	26.00000	0.00000	2.6126	1.9310	
2.0549	*			28.00000	26.00000	0.00000	2.5030	1.8382	
1.8777	*			29.00000	26.00000	0.00000	2.4357	1.7519	
1.6953	*			30.00000	26.00000	0.00000	2.4056	1.6722	
0.46698	*			-40.00000	33.00000	0.00000	-1.0431	0.47770	
0.47906	*			-39.00000	33.00000	0.00000	-1.0776	0.50428	
0.49109	*			-38.00000	33.00000	0.00000	-1.1136	0.53277	
0.50302	*			-37.00000	33.00000	0.00000	-1.1511	0.56332	
0.51477	*			-36.00000	33.00000	0.00000	-1.1903	0.59611	
0.52625	*			-35.00000	33.00000	0.00000	-1.2311	0.63134	
0.53737	*			-34.00000	33.00000	0.00000	-1.2737	0.66921	
0.54801	*			-33.00000	33.00000	0.00000	-1.3180	0.70996	
0.55805	*			-32.00000	33.00000	0.00000	-1.3643	0.75386	
0.56735	*			-31.00000	33.00000	0.00000	-1.4124	0.80116	
0.57575	*			-30.00000	33.00000	0.00000	-1.4624	0.85219	
0.58307	*			-29.00000	33.00000	0.00000	-1.5144	0.90727	
0.58911	*			-28.00000	33.00000	0.00000	-1.5685	0.96678	
0.59363	*			-27.00000	33.00000	0.00000	-1.6245	1.0311	
0.59641	*			-26.00000	33.00000	0.00000	-1.6825	1.1007	
0.59715	*			-25.00000	33.00000	0.00000	-1.7424	1.1760	
0.66431	*			-24.00000	33.00000	0.00000	-1.8042	1.2575	
0.76351	*			-23.00000	33.00000	0.00000	-1.8677	1.3459	
0.86403	*			-22.00000	33.00000	0.00000	-1.9327	1.4416	
1.0202	*			-21.00000	33.00000	0.00000	-1.9991	1.5454	
1.1687	*			-20.00000	33.00000	0.00000	-2.0664	1.6579	
1.3085	*			-19.00000	33.00000	0.00000	-2.1344	1.7798	
1.5377	*			-18.00000	33.00000	0.00000	-2.2025	1.9120	
1.7916	*			-17.00000	33.00000	0.00000	-2.1294	1.9792	
2.0220	*			-16.00000	33.00000	0.00000	-2.0524	2.0392	
2.2342	*			-15.00000	33.00000	0.00000	-1.9950	2.1026	
2.4329	*			-14.00000	33.00000	0.00000	-1.9587	2.1690	
				-13.00000	33.00000	0.00000	-1.9451	2.2380	



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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
2.6196	*			-12.00000	33.00000	0.00000	-1.8694	2.2698	
2.8298	*			-11.00000	33.00000	0.00000	-1.6777	2.2245	
3.0768	*			-10.00000	33.00000	0.00000	-1.5178	2.1587	
3.3149	*			-9.00000	33.00000	0.00000	-1.3870	2.0243	
3.5596	*			-8.00000	33.00000	0.00000	-1.2940	1.8573	
3.8009	*			-7.00000	33.00000	0.00000	-1.2410	1.6799	
4.0351	*			-6.00000	33.00000	0.00000	-1.2262	1.4964	
4.2551	*			-5.00000	33.00000	0.00000	-1.2436	1.2324	
4.8770	*			-4.00000	33.00000	0.00000	-1.2641	1.0107	
5.0796	*			-3.00000	33.00000	0.00000	-1.2755	0.74584	
5.3066	*			-2.00000	33.00000	0.00000	-1.1833	-0.68263	
5.4989	*			-1.00000	33.00000	0.00000	-1.0501	-0.76983	
5.6371	*			0.00000	33.00000	0.00000	-0.92533	-0.91963	
5.7857	*			1.00000	33.00000	0.00000	-0.81061	-1.1297	
5.9389	*			2.00000	33.00000	0.00000	-0.70479	-1.3908	
6.0893	*			3.00000	33.00000	0.00000	-0.60365	-1.6864	
6.2278	*			4.00000	33.00000	0.00000	-0.42560	0.99849	
3.8314	*			5.00000	33.00000	0.00000	-0.098379	1.0190	
3.8308	*			6.00000	33.00000	0.00000	0.22523	0.99096	
3.8520	*			7.00000	33.00000	0.00000	0.53754	0.91678	
3.8937	*			8.00000	33.00000	0.00000	0.67418	2.9536	
2.1930	*			9.00000	33.00000	0.00000	0.73714	3.2142	
2.0837	*			10.00000	33.00000	0.00000	0.79829	3.4523	
1.9557	*			11.00000	33.00000	0.00000	0.86575	3.6530	
1.8171	*			12.00000	33.00000	0.00000	0.94457	3.8071	
1.6752	*			13.00000	33.00000	0.00000	1.0369	1.8097	
3.7046	*			14.00000	33.00000	0.00000	1.1424	1.8651	
3.5742	*			15.00000	33.00000	0.00000	1.2595	1.8755	
3.4563	*			16.00000	33.00000	0.00000	-0.46612	-0.25693	
5.9504	*			17.00000	33.00000	0.00000	-0.11584	-0.068987	
5.6958	*			18.00000	33.00000	0.00000	0.24521	0.80583	
4.7439	*			19.00000	33.00000	0.00000	0.57879	1.0595	
4.4918	*			20.00000	33.00000	0.00000	0.92650	1.3252	
4.2444	*			21.00000	33.00000	0.00000	1.2894	1.6009	
3.9945	*			22.00000	33.00000	0.00000	1.6688	1.8842	
3.7305	*								



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Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
3.4353	*			23.00000	33.00000	0.00000	2.0661	2.1729	
3.1441	*			24.00000	33.00000	0.00000	2.2213	2.2830	
1.8789	*			25.00000	33.00000	0.00000	2.1957	2.2368	
1.7381	*			26.00000	33.00000	0.00000	2.1776	2.1959	
1.5867	*			27.00000	33.00000	0.00000	2.1685	2.1583	
1.4234	*			28.00000	33.00000	0.00000	2.1693	2.1224	
1.2453	*			29.00000	33.00000	0.00000	2.1755	2.0791	
1.0997	*			30.00000	33.00000	0.00000	2.1195	1.9425	
0.42377	*			-40.00000	40.00000	0.00000	-0.86363	0.52679	
0.43470	*			-39.00000	40.00000	0.00000	-0.88638	0.55256	
0.44570	*			-38.00000	40.00000	0.00000	-0.90973	0.57988	
0.45674	*			-37.00000	40.00000	0.00000	-0.93366	0.60884	
0.46777	*			-36.00000	40.00000	0.00000	-0.95817	0.63955	
0.47876	*			-35.00000	40.00000	0.00000	-0.98323	0.67214	
0.48966	*			-34.00000	40.00000	0.00000	-1.0088	0.70671	
0.50043	*			-33.00000	40.00000	0.00000	-1.0349	0.74340	
0.51099	*			-32.00000	40.00000	0.00000	-1.0614	0.78234	
0.52130	*			-31.00000	40.00000	0.00000	-1.0883	0.82368	
0.53128	*			-30.00000	40.00000	0.00000	-1.1156	0.86755	
0.54086	*			-29.00000	40.00000	0.00000	-1.1431	0.91412	
0.54996	*			-28.00000	40.00000	0.00000	-1.1707	0.96355	
0.55849	*			-27.00000	40.00000	0.00000	-1.1983	1.0160	
0.56636	*			-26.00000	40.00000	0.00000	-1.2259	1.0716	
0.57347	*			-25.00000	40.00000	0.00000	-1.2532	1.1306	
0.57972	*			-24.00000	40.00000	0.00000	-1.2800	1.1931	
0.58500	*			-23.00000	40.00000	0.00000	-1.3061	1.2592	
0.58920	*			-22.00000	40.00000	0.00000	-1.3313	1.3292	
0.59221	*			-21.00000	40.00000	0.00000	-1.3553	1.4032	
0.59392	*			-20.00000	40.00000	0.00000	-1.3778	1.4813	
0.66094	*			-19.00000	40.00000	0.00000	-1.3983	1.5636	
0.73064	*			-18.00000	40.00000	0.00000	-1.4166	1.6502	
0.79831	*			-17.00000	40.00000	0.00000	-1.4321	1.7411	
0.86369	*			-16.00000	40.00000	0.00000	-1.4443	1.8363	
0.92653	*			-15.00000	40.00000	0.00000	-1.4527	1.9357	
1.0587	*			-14.00000	40.00000	0.00000	-1.4567	2.0392	
				-13.00000	40.00000	0.00000	-1.4556	2.1465	



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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
1.1911	*			-12.00000	40.00000	0.00000	-1.4488	2.2573	
1.3159	*			-11.00000	40.00000	0.00000	-1.4357	2.3711	
1.4370	*			-10.00000	40.00000	0.00000	-1.4154	2.4873	
1.5566	*			-9.00000	40.00000	0.00000	-1.3775	2.5642	
1.6803	*			-8.00000	40.00000	0.00000	-1.3249	2.5891	
1.8023	*			-7.00000	40.00000	0.00000	-1.2721	2.6182	
1.9149	*			-6.00000	40.00000	0.00000	-1.2173	2.6533	
2.0183	*			-5.00000	40.00000	0.00000	-1.1125	2.5856	
2.1334	*			-4.00000	40.00000	0.00000	-1.0144	2.5213	
2.2312	*			-3.00000	40.00000	0.00000	-0.92160	2.4650	
2.3156	*			-2.00000	40.00000	0.00000	-0.82240	2.1938	
2.8817	*			-1.00000	40.00000	0.00000	-0.72127	2.1604	
2.9327	*			0.00000	40.00000	0.00000	-0.62186	2.1211	
2.9807	*			1.00000	40.00000	0.00000	-0.52357	2.0785	
3.0248	*			2.00000	40.00000	0.00000	-0.42565	2.0357	
3.0638	*			3.00000	40.00000	0.00000	-0.32721	1.9965	
3.0966	*			4.00000	40.00000	0.00000	-0.21627	2.1894	
2.2066	*			5.00000	40.00000	0.00000	-0.082456	2.2012	
2.2065	*			6.00000	40.00000	0.00000	0.051268	2.1984	
2.2096	*			7.00000	40.00000	0.00000	0.18330	2.1812	
2.2158	*			8.00000	40.00000	0.00000	0.28891	2.7078	
1.5766	*			9.00000	40.00000	0.00000	0.38272	2.7449	
1.5484	*			10.00000	40.00000	0.00000	0.47514	2.7867	
1.5133	*			11.00000	40.00000	0.00000	0.56744	2.8298	
1.4725	*			12.00000	40.00000	0.00000	0.66081	2.8713	
1.4271	*			13.00000	40.00000	0.00000	0.75626	2.9086	
1.9338	*			14.00000	40.00000	0.00000	0.85464	2.9396	
1.8809	*			15.00000	40.00000	0.00000	0.95655	2.9628	
1.8238	*			16.00000	40.00000	0.00000	1.0624	2.9775	
1.7612	*			17.00000	40.00000	0.00000	1.1689	2.9756	
1.6901	*			18.00000	40.00000	0.00000	1.2230	2.8674	
1.4525	*			19.00000	40.00000	0.00000	1.2692	2.7578	
1.3876	*			20.00000	40.00000	0.00000	1.3077	2.6478	
1.3150	*			21.00000	40.00000	0.00000	1.3389	2.5380	
1.2349	*			22.00000	40.00000	0.00000	1.3633	2.4293	
1.4957	*								

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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
1.2733	*			23.00000	40.00000	0.00000	1.3815	2.3221	
1.0446	*			24.00000	40.00000	0.00000	1.3937	2.2170	
0.85465	*			25.00000	40.00000	0.00000	1.4007	2.1144	
0.75124	*			26.00000	40.00000	0.00000	1.4027	2.0148	
0.71058	*			27.00000	40.00000	0.00000	1.4005	1.9182	
0.66549	*			28.00000	40.00000	0.00000	1.3943	1.8251	
0.61635	*			29.00000	40.00000	0.00000	1.3847	1.7355	
0.61231	*			30.00000	40.00000	0.00000	1.3721	1.6494	
0.33019	*	2	Neighbouring Foundations Church	-40.00000	-30.00000	-0.80000	-0.42368	-0.37840	
0.33803	*			-39.00000	-30.00000	-0.80000	-0.42973	-0.39218	
0.34597	*			-38.00000	-30.00000	-0.80000	-0.43568	-0.40648	
0.35400	*			-37.00000	-30.00000	-0.80000	-0.44152	-0.42134	
0.36211	*			-36.00000	-30.00000	-0.80000	-0.44723	-0.43674	
0.37029	*			-35.00000	-30.00000	-0.80000	-0.45277	-0.45272	
0.37853	*			-34.00000	-30.00000	-0.80000	-0.45812	-0.46929	
0.38681	*			-33.00000	-30.00000	-0.80000	-0.46325	-0.48644	
0.39513	*			-32.00000	-30.00000	-0.80000	-0.46812	-0.50420	
0.40348	*			-31.00000	-30.00000	-0.80000	-0.47269	-0.52257	
0.41182	*			-30.00000	-30.00000	-0.80000	-0.47694	-0.54156	
0.42016	*			-29.00000	-30.00000	-0.80000	-0.48082	-0.56116	
0.42847	*			-28.00000	-30.00000	-0.80000	-0.48428	-0.58139	
0.43674	*			-27.00000	-30.00000	-0.80000	-0.48727	-0.60223	
0.44494	*			-26.00000	-30.00000	-0.80000	-0.48976	-0.62369	
0.45306	*			-25.00000	-30.00000	-0.80000	-0.49169	-0.64574	
0.46108	*			-24.00000	-30.00000	-0.80000	-0.49300	-0.66839	
0.46898	*			-23.00000	-30.00000	-0.80000	-0.49364	-0.69160	
0.47673	*			-22.00000	-30.00000	-0.80000	-0.49355	-0.71535	
0.48433	*			-21.00000	-30.00000	-0.80000	-0.49268	-0.73961	
0.49175	*			-20.00000	-30.00000	-0.80000	-0.49096	-0.76435	
0.49897	*			-19.00000	-30.00000	-0.80000	-0.48833	-0.78952	
0.50596	*			-18.00000	-30.00000	-0.80000	-0.48473	-0.81508	
0.51272	*			-17.00000	-30.00000	-0.80000	-0.48011	-0.84095	
0.51923	*			-16.00000	-30.00000	-0.80000	-0.47440	-0.86709	
0.52547	*			-15.00000	-30.00000	-0.80000	-0.46755	-0.89340	
0.53142	*			-14.00000	-30.00000	-0.80000	-0.45950	-0.91982	
				-13.00000	-30.00000	-0.80000	-0.45019	-0.94626	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.53707	*			-12.00000	-30.00000	-0.80000	-0.43960	-0.97260	
0.54241	*			-11.00000	-30.00000	-0.80000	-0.42766	-0.99876	
0.54743	*			-10.00000	-30.00000	-0.80000	-0.41436	-1.0246	
0.55213	*			-9.00000	-30.00000	-0.80000	-0.39967	-1.0500	
0.55649	*			-8.00000	-30.00000	-0.80000	-0.38356	-1.0749	
0.56053	*			-7.00000	-30.00000	-0.80000	-0.36604	-1.0991	
0.56422	*			-6.00000	-30.00000	-0.80000	-0.34711	-1.1224	
0.56759	*			-5.00000	-30.00000	-0.80000	-0.32678	-1.1449	
0.57062	*			-4.00000	-30.00000	-0.80000	-0.30509	-1.1662	
0.57333	*			-3.00000	-30.00000	-0.80000	-0.28208	-1.1862	
0.57573	*			-2.00000	-30.00000	-0.80000	-0.25781	-1.2049	
0.57782	*			-1.00000	-30.00000	-0.80000	-0.23235	-1.2221	
0.57961	*			0.00000	-30.00000	-0.80000	-0.20577	-1.2376	
0.58111	*			1.00000	-30.00000	-0.80000	-0.17818	-1.2514	
0.58234	*			2.00000	-30.00000	-0.80000	-0.14970	-1.2633	
0.58331	*			3.00000	-30.00000	-0.80000	-0.12043	-1.2732	
0.58402	*			4.00000	-30.00000	-0.80000	-0.090513	-1.2811	
0.58448	*			5.00000	-30.00000	-0.80000	-0.060093	-1.2869	
0.58472	*			6.00000	-30.00000	-0.80000	-0.029314	-1.2905	
0.58472	*			7.00000	-30.00000	-0.80000	0.0016682	-1.2918	
0.58451	*			8.00000	-30.00000	-0.80000	0.032697	-1.2910	
0.58408	*			9.00000	-30.00000	-0.80000	0.063613	-1.2879	
0.58344	*			10.00000	-30.00000	-0.80000	0.094260	-1.2826	
0.58259	*			11.00000	-30.00000	-0.80000	0.12448	-1.2752	
0.58152	*			12.00000	-30.00000	-0.80000	0.15413	-1.2656	
0.58023	*			13.00000	-30.00000	-0.80000	0.18306	-1.2540	
0.57873	*			14.00000	-30.00000	-0.80000	0.21114	-1.2404	
0.57699	*			15.00000	-30.00000	-0.80000	0.23824	-1.2250	
0.57502	*			16.00000	-30.00000	-0.80000	0.26425	-1.2078	
0.57280	*			17.00000	-30.00000	-0.80000	0.28909	-1.1891	
0.57034	*			18.00000	-30.00000	-0.80000	0.31265	-1.1688	
0.56760	*			19.00000	-30.00000	-0.80000	0.33487	-1.1472	
0.56460	*			20.00000	-30.00000	-0.80000	0.35569	-1.1245	
0.56132	*			21.00000	-30.00000	-0.80000	0.37508	-1.1006	
0.55775	*			22.00000	-30.00000	-0.80000	0.39300	-1.0759	
0.55389	*								



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.54973	*			23.00000	-30.00000	-0.80000	0.40945	-1.0505	
0.54528	*			24.00000	-30.00000	-0.80000	0.42442	-1.0244	
0.54052	*			25.00000	-30.00000	-0.80000	0.43792	-0.99785	
0.53546	*			26.00000	-30.00000	-0.80000	0.44998	-0.97098	
0.53010	*			27.00000	-30.00000	-0.80000	0.46064	-0.94390	
0.52446	*			28.00000	-30.00000	-0.80000	0.46992	-0.91673	
0.51853	*			29.00000	-30.00000	-0.80000	0.47789	-0.88957	
0.51233	*			30.00000	-30.00000	-0.80000	0.48458	-0.86253	
0.37958	*			-40.00000	-23.00000	-0.80000	-0.52796	-0.39273	
0.38915	*			-39.00000	-23.00000	-0.80000	-0.53855	-0.40936	
0.39884	*			-38.00000	-23.00000	-0.80000	-0.54922	-0.42680	
0.40862	*			-37.00000	-23.00000	-0.80000	-0.55995	-0.44508	
0.41849	*			-36.00000	-23.00000	-0.80000	-0.57072	-0.46425	
0.42842	*			-35.00000	-23.00000	-0.80000	-0.58149	-0.48433	
0.43839	*			-34.00000	-23.00000	-0.80000	-0.59223	-0.50537	
0.44837	*			-33.00000	-23.00000	-0.80000	-0.60291	-0.52740	
0.45835	*			-32.00000	-23.00000	-0.80000	-0.61348	-0.55047	
0.46830	*			-31.00000	-23.00000	-0.80000	-0.62390	-0.57461	
0.47818	*			-30.00000	-23.00000	-0.80000	-0.63412	-0.59986	
0.48797	*			-29.00000	-23.00000	-0.80000	-0.64406	-0.62625	
0.49763	*			-28.00000	-23.00000	-0.80000	-0.65368	-0.65382	
0.50713	*			-27.00000	-23.00000	-0.80000	-0.66291	-0.68260	
0.51644	*			-26.00000	-23.00000	-0.80000	-0.67165	-0.71261	
0.52550	*			-25.00000	-23.00000	-0.80000	-0.67983	-0.74388	
0.53429	*			-24.00000	-23.00000	-0.80000	-0.68736	-0.77641	
0.54276	*			-23.00000	-23.00000	-0.80000	-0.69414	-0.81023	
0.55088	*			-22.00000	-23.00000	-0.80000	-0.70005	-0.84533	
0.55860	*			-21.00000	-23.00000	-0.80000	-0.70499	-0.88170	
0.56588	*			-20.00000	-23.00000	-0.80000	-0.70883	-0.91933	
0.57268	*			-19.00000	-23.00000	-0.80000	-0.71145	-0.95818	
0.57898	*			-18.00000	-23.00000	-0.80000	-0.71271	-0.99821	
0.58473	*			-17.00000	-23.00000	-0.80000	-0.71246	-1.0394	
0.58990	*			-16.00000	-23.00000	-0.80000	-0.71057	-1.0816	
0.59447	*			-15.00000	-23.00000	-0.80000	-0.70688	-1.1247	
0.59842	*			-14.00000	-23.00000	-0.80000	-0.70124	-1.1687	
				-13.00000	-23.00000	-0.80000	-0.69351	-1.2134	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No. Sheet No. Rev.

517419

Drg. Ref.

Made by

Date

20-Dec-2022

Checked

Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.60172	*			-12.00000	-23.00000	-0.80000	-0.68354	-1.2586	
0.60439	*			-11.00000	-23.00000	-0.80000	-0.67119	-1.3041	
0.60641	*			-10.00000	-23.00000	-0.80000	-0.65632	-1.3499	
0.60779	*			-9.00000	-23.00000	-0.80000	-0.63882	-1.3955	
0.60855	*			-8.00000	-23.00000	-0.80000	-0.61858	-1.4408	
0.60872	*			-7.00000	-23.00000	-0.80000	-0.59552	-1.4855	
0.60833	*			-6.00000	-23.00000	-0.80000	-0.56958	-1.5292	
0.60743	*			-5.00000	-23.00000	-0.80000	-0.54071	-1.5718	
0.60608	*			-4.00000	-23.00000	-0.80000	-0.50893	-1.6127	
0.60433	*			-3.00000	-23.00000	-0.80000	-0.47425	-1.6518	
0.60226	*			-2.00000	-23.00000	-0.80000	-0.43675	-1.6886	
0.59994	*			-1.00000	-23.00000	-0.80000	-0.39654	-1.7229	
0.59745	*			0.00000	-23.00000	-0.80000	-0.35375	-1.7542	
0.59487	*			1.00000	-23.00000	-0.80000	-0.30859	-1.7823	
0.59229	*			2.00000	-23.00000	-0.80000	-0.26127	-1.8068	
0.58978	*			3.00000	-23.00000	-0.80000	-0.21205	-1.8275	
0.58742	*			4.00000	-23.00000	-0.80000	-0.16124	-1.8442	
0.58527	*			5.00000	-23.00000	-0.80000	-0.10916	-1.8566	
0.58339	*			6.00000	-23.00000	-0.80000	-0.056151	-1.8645	
0.58184	*			7.00000	-23.00000	-0.80000	-0.0025942	-1.8680	
0.58065	*			8.00000	-23.00000	-0.80000	0.051134	-1.8668	
0.57983	*			9.00000	-23.00000	-0.80000	0.10465	-1.8610	
0.57941	*			10.00000	-23.00000	-0.80000	0.15756	-1.8507	
0.57937	*			11.00000	-23.00000	-0.80000	0.20950	-1.8360	
0.57971	*			12.00000	-23.00000	-0.80000	0.26010	-1.8169	
0.58038	*			13.00000	-23.00000	-0.80000	0.30903	-1.7937	
0.58134	*			14.00000	-23.00000	-0.80000	0.35597	-1.7667	
0.58254	*			15.00000	-23.00000	-0.80000	0.40064	-1.7361	
0.58391	*			16.00000	-23.00000	-0.80000	0.44281	-1.7022	
0.58539	*			17.00000	-23.00000	-0.80000	0.48226	-1.6653	
0.58689	*			18.00000	-23.00000	-0.80000	0.51883	-1.6259	
0.58833	*			19.00000	-23.00000	-0.80000	0.55242	-1.5842	
0.58964	*			20.00000	-23.00000	-0.80000	0.58294	-1.5407	
0.59072	*			21.00000	-23.00000	-0.80000	0.61036	-1.4957	
0.59151	*			22.00000	-23.00000	-0.80000	0.63468	-1.4496	
0.59193	*								

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.59192	*			23.00000	-23.00000	-0.80000	0.65595	-1.4027	
0.59142	*			24.00000	-23.00000	-0.80000	0.67425	-1.3553	
0.59038	*			25.00000	-23.00000	-0.80000	0.68966	-1.3077	
0.58877	*			26.00000	-23.00000	-0.80000	0.70232	-1.2602	
0.58657	*			27.00000	-23.00000	-0.80000	0.71237	-1.2132	
0.58375	*			28.00000	-23.00000	-0.80000	0.71997	-1.1666	
0.58030	*			29.00000	-23.00000	-0.80000	0.72528	-1.1209	
0.57624	*			30.00000	-23.00000	-0.80000	0.72847	-1.0760	
0.42780	*			-40.00000	-16.00000	-0.80000	-0.64973	-0.38635	
0.43897	*			-39.00000	-16.00000	-0.80000	-0.66688	-0.40525	
0.45022	*			-38.00000	-16.00000	-0.80000	-0.68449	-0.42527	
0.46152	*			-37.00000	-16.00000	-0.80000	-0.70255	-0.44650	
0.47284	*			-36.00000	-16.00000	-0.80000	-0.72104	-0.46900	
0.48414	*			-35.00000	-16.00000	-0.80000	-0.73996	-0.49285	
0.49538	*			-34.00000	-16.00000	-0.80000	-0.75928	-0.51816	
0.50650	*			-33.00000	-16.00000	-0.80000	-0.77898	-0.54499	
0.51746	*			-32.00000	-16.00000	-0.80000	-0.79903	-0.57346	
0.52819	*			-31.00000	-16.00000	-0.80000	-0.81939	-0.60366	
0.53863	*			-30.00000	-16.00000	-0.80000	-0.84002	-0.63570	
0.54871	*			-29.00000	-16.00000	-0.80000	-0.86085	-0.66967	
0.55834	*			-28.00000	-16.00000	-0.80000	-0.88181	-0.70570	
0.56745	*			-27.00000	-16.00000	-0.80000	-0.90284	-0.74390	
0.57594	*			-26.00000	-16.00000	-0.80000	-0.92383	-0.78437	
0.58373	*			-25.00000	-16.00000	-0.80000	-0.94468	-0.82725	
0.59070	*			-24.00000	-16.00000	-0.80000	-0.96525	-0.87263	
0.59676	*			-23.00000	-16.00000	-0.80000	-0.98541	-0.92064	
0.60180	*			-22.00000	-16.00000	-0.80000	-1.0050	-0.97138	
0.60570	*			-21.00000	-16.00000	-0.80000	-1.0238	-1.0249	
0.60836	*			-20.00000	-16.00000	-0.80000	-1.0416	-1.0814	
0.60965	*			-19.00000	-16.00000	-0.80000	-1.0582	-1.1409	
0.60947	*			-18.00000	-16.00000	-0.80000	-1.0733	-1.2034	
0.60771	*			-17.00000	-16.00000	-0.80000	-1.0866	-1.2690	
0.60428	*			-16.00000	-16.00000	-0.80000	-1.0979	-1.3377	
0.59908	*			-15.00000	-16.00000	-0.80000	-1.1067	-1.4094	
0.59204	*			-14.00000	-16.00000	-0.80000	-1.1127	-1.4841	
				-13.00000	-16.00000	-0.80000	-1.1155	-1.5617	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.58310	*			-12.00000	-16.00000	-0.80000	-1.1146	-1.6419	
0.57224	*			-11.00000	-16.00000	-0.80000	-1.1097	-1.7246	
0.55945	*			-10.00000	-16.00000	-0.80000	-1.1003	-1.8095	
0.54475	*			-9.00000	-16.00000	-0.80000	-1.0859	-1.8961	
0.52822	*			-8.00000	-16.00000	-0.80000	-1.0600	-1.9663	
0.51694	*			-7.00000	-16.00000	-0.80000	-1.0142	-1.9823	
0.51273	*			-6.00000	-16.00000	-0.80000	-0.96971	-1.9978	
0.50281	*			-5.00000	-16.00000	-0.80000	-0.92568	-2.0138	
0.48922	*			-4.00000	-16.00000	-0.80000	-0.88115	-2.0314	
0.47326	*			-3.00000	-16.00000	-0.80000	-0.83500	-2.0519	
0.45570	*			-2.00000	-16.00000	-0.80000	-0.78603	-2.0769	
0.43697	*			-1.00000	-16.00000	-0.80000	-0.73300	-2.1079	
0.41732	*			0.00000	-16.00000	-0.80000	-0.67468	-2.1467	
0.39698	*			1.00000	-16.00000	-0.80000	-0.59524	-1.9641	
0.40856	*			2.00000	-16.00000	-0.80000	-0.50985	-2.0217	
0.38904	*			3.00000	-16.00000	-0.80000	-0.41912	-2.0710	
0.37163	*			4.00000	-16.00000	-0.80000	-0.32383	-2.1114	
0.35673	*			5.00000	-16.00000	-0.80000	-0.22483	-2.1420	
0.34466	*			6.00000	-16.00000	-0.80000	-0.12309	-2.1624	
0.33567	*			7.00000	-16.00000	-0.80000	-0.019621	-2.1723	
0.32998	*			8.00000	-16.00000	-0.80000	0.084510	-2.1713	
0.32769	*			9.00000	-16.00000	-0.80000	0.18822	-2.1595	
0.32887	*			10.00000	-16.00000	-0.80000	0.29043	-2.1369	
0.33347	*			11.00000	-16.00000	-0.80000	0.39010	-2.1039	
0.34141	*			12.00000	-16.00000	-0.80000	0.48622	-2.0610	
0.35248	*			13.00000	-16.00000	-0.80000	0.57786	-2.0086	
0.36646	*			14.00000	-16.00000	-0.80000	0.66418	-1.9476	
0.38303	*			15.00000	-16.00000	-0.80000	0.74444	-1.8789	
0.40182	*			16.00000	-16.00000	-0.80000	0.81804	-1.8033	
0.42242	*			17.00000	-16.00000	-0.80000	0.88451	-1.7219	
0.44440	*			18.00000	-16.00000	-0.80000	0.94176	-1.8864	
0.43429	*			19.00000	-16.00000	-0.80000	0.97862	-1.8309	
0.45526	*			20.00000	-16.00000	-0.80000	1.0096	-1.7857	
0.47475	*			21.00000	-16.00000	-0.80000	1.0361	-1.7491	
0.49252	*			22.00000	-16.00000	-0.80000	1.0599	-1.7194	
0.50836	*								



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No. Sheet No. Rev.

517419

Drg. Ref.

Made by
HM

Date
20-Dec-2022

Checked

Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.52185	*			23.00000	-16.00000	-0.80000	1.0822	-1.6951	
0.53222	*			24.00000	-16.00000	-0.80000	1.1046	-1.6748	
0.53816	*			25.00000	-16.00000	-0.80000	1.1282	-1.6572	
0.53765	*			26.00000	-16.00000	-0.80000	1.1540	-1.6412	
0.54675	*			27.00000	-16.00000	-0.80000	1.1572	-1.5645	
0.55852	*			28.00000	-16.00000	-0.80000	1.1529	-1.4819	
0.56824	*			29.00000	-16.00000	-0.80000	1.1449	-1.4027	
0.57592	*			30.00000	-16.00000	-0.80000	1.1338	-1.3269	
0.47033	*			-40.00000	-9.00000	-0.80000	-0.78092	-0.34776	
0.48263	*			-39.00000	-9.00000	-0.80000	-0.80662	-0.36713	
0.49491	*			-38.00000	-9.00000	-0.80000	-0.83340	-0.38787	
0.50711	*			-37.00000	-9.00000	-0.80000	-0.86132	-0.41011	
0.51915	*			-36.00000	-9.00000	-0.80000	-0.89042	-0.43396	
0.53095	*			-35.00000	-9.00000	-0.80000	-0.92073	-0.45957	
0.54243	*			-34.00000	-9.00000	-0.80000	-0.95231	-0.48709	
0.55347	*			-33.00000	-9.00000	-0.80000	-0.98518	-0.51669	
0.56396	*			-32.00000	-9.00000	-0.80000	-1.0194	-0.54853	
0.57375	*			-31.00000	-9.00000	-0.80000	-1.0550	-0.58282	
0.58271	*			-30.00000	-9.00000	-0.80000	-1.0919	-0.61976	
0.59066	*			-29.00000	-9.00000	-0.80000	-1.1303	-0.65960	
0.59740	*			-28.00000	-9.00000	-0.80000	-1.1701	-0.70258	
0.60274	*			-27.00000	-9.00000	-0.80000	-1.2112	-0.74897	
0.60643	*			-26.00000	-9.00000	-0.80000	-1.2538	-0.79907	
0.60821	*			-25.00000	-9.00000	-0.80000	-1.2976	-0.85318	
0.60781	*			-24.00000	-9.00000	-0.80000	-1.3428	-0.91166	
0.60491	*			-23.00000	-9.00000	-0.80000	-1.3890	-0.97486	
0.59918	*			-22.00000	-9.00000	-0.80000	-1.4363	-1.0432	
0.59026	*			-21.00000	-9.00000	-0.80000	-1.4844	-1.1170	
0.57774	*			-20.00000	-9.00000	-0.80000	-1.5332	-1.1967	
0.56122	*			-19.00000	-9.00000	-0.80000	-1.5822	-1.2828	
0.54026	*			-18.00000	-9.00000	-0.80000	-1.6312	-1.3757	
0.51440	*			-17.00000	-9.00000	-0.80000	-1.6797	-1.4758	
0.48694	*			-16.00000	-9.00000	-0.80000	-1.7242	-1.5783	
0.48976	*			-15.00000	-9.00000	-0.80000	-1.6608	-1.5845	
0.48021	*			-14.00000	-9.00000	-0.80000	-1.5638	-1.5670	
				-13.00000	-9.00000	-0.80000	-1.4869	-1.5483	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.45755	*			-12.00000	-9.00000	-0.80000	-1.4311	-1.5292	
0.43186	*			-11.00000	-9.00000	-0.80000	-1.3969	-1.5109	
0.40883	*			-10.00000	-9.00000	-0.80000	-1.3847	-1.4946	
0.39023	*			-9.00000	-9.00000	-0.80000	-1.3948	-1.4819	
0.37466	*			-8.00000	-9.00000	-0.80000	-1.3986	-1.4462	
0.37251	*			-7.00000	-9.00000	-0.80000	-1.4141	-1.4083	
0.37429	*			-6.00000	-9.00000	-0.80000	-1.4392	-1.3698	
0.37631	*			-5.00000	-9.00000	-0.80000	-1.4518	-0.95780	
0.42869	*			-4.00000	-9.00000	-0.80000	-1.4624	-0.94739	
0.41989	*			-3.00000	-9.00000	-0.80000	-1.4749	-0.92507	
0.40142	*			-2.00000	-9.00000	-0.80000	-1.4850	-0.89495	
0.36883	*			-1.00000	-9.00000	-0.80000	-1.4871	-0.86328	
0.31819	*			0.00000	-9.00000	-0.80000	-1.4746	-1.2414	
0.19114	*			1.00000	-9.00000	-0.80000	-1.3228	-1.1207	
0.46722	*			2.00000	-9.00000	-0.80000	-1.1511	-1.2776	
0.36005	*			3.00000	-9.00000	-0.80000	-0.96147	-1.4138	
0.26474	*			4.00000	-9.00000	-0.80000	-0.75676	-1.5265	
0.18366	*			5.00000	-9.00000	-0.80000	-0.54004	-1.6131	
0.11868	*			6.00000	-9.00000	-0.80000	-0.31464	-1.6721	
0.071165	*			7.00000	-9.00000	-0.80000	-0.083922	-1.7026	
0.041984	*			8.00000	-9.00000	-0.80000	0.14884	-1.7040	
0.031586	*			9.00000	-9.00000	-0.80000	0.38045	-1.6765	
0.040063	*			10.00000	-9.00000	-0.80000	0.60784	-1.6204	
0.067203	*			11.00000	-9.00000	-0.80000	0.82804	-1.5367	
0.11251	*			12.00000	-9.00000	-0.80000	1.0381	-1.4266	
0.17519	*			13.00000	-9.00000	-0.80000	1.2351	-1.2917	
0.25413	*			14.00000	-9.00000	-0.80000	1.4164	-1.1341	
0.34785	*			15.00000	-9.00000	-0.80000	1.5793	-0.95650	
0.45444	*			16.00000	-9.00000	-0.80000	1.7216	-0.76218	
0.57155	*			17.00000	-9.00000	-0.80000	1.8415	-0.55487	
0.69643	*			18.00000	-9.00000	-0.80000	1.9238	-1.4767	
0.31684	*			19.00000	-9.00000	-0.80000	1.8794	-1.4709	
0.39436	*			20.00000	-9.00000	-0.80000	1.8202	-1.4786	
0.44700	*			21.00000	-9.00000	-0.80000	1.7539	-1.4919	
0.47808	*			22.00000	-9.00000	-0.80000	1.6869	-1.5045	
0.49184	*								



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No. Sheet No. Rev.

517419

Drg. Ref.

Made by
HM

Date
20-Dec-2022

Checked

Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.49307	*			23.00000	-9.00000	-0.80000	1.6243	-1.5121	
0.48673	*			24.00000	-9.00000	-0.80000	1.5695	-1.5122	
0.47755	*			25.00000	-9.00000	-0.80000	1.5249	-1.5039	
0.46971	*			26.00000	-9.00000	-0.80000	1.4916	-1.4873	
0.46759	*			27.00000	-9.00000	-0.80000	1.4674	-1.4602	
0.47710	*			28.00000	-9.00000	-0.80000	1.4395	-1.4109	
0.48943	*			29.00000	-9.00000	-0.80000	1.4312	-1.3641	
0.50564	*			30.00000	-9.00000	-0.80000	1.4413	-1.3200	
0.50281	*			-40.00000	-2.00000	-0.80000	-0.90432	-0.26748	
0.51561	*			-39.00000	-2.00000	-0.80000	-0.93939	-0.28404	
0.52819	*			-38.00000	-2.00000	-0.80000	-0.97641	-0.30196	
0.54044	*			-37.00000	-2.00000	-0.80000	-1.0155	-0.32137	
0.55224	*			-36.00000	-2.00000	-0.80000	-1.0569	-0.34242	
0.56344	*			-35.00000	-2.00000	-0.80000	-1.1006	-0.36529	
0.57386	*			-34.00000	-2.00000	-0.80000	-1.1469	-0.39018	
0.58329	*			-33.00000	-2.00000	-0.80000	-1.1959	-0.41729	
0.59150	*			-32.00000	-2.00000	-0.80000	-1.2479	-0.44687	
0.59822	*			-31.00000	-2.00000	-0.80000	-1.3030	-0.47921	
0.60313	*			-30.00000	-2.00000	-0.80000	-1.3614	-0.51460	
0.60586	*			-29.00000	-2.00000	-0.80000	-1.4235	-0.55340	
0.60600	*			-28.00000	-2.00000	-0.80000	-1.4894	-0.59601	
0.60306	*			-27.00000	-2.00000	-0.80000	-1.5594	-0.64289	
0.59648	*			-26.00000	-2.00000	-0.80000	-1.6338	-0.69453	
0.58562	*			-25.00000	-2.00000	-0.80000	-1.7128	-0.75152	
0.56973	*			-24.00000	-2.00000	-0.80000	-1.7967	-0.81451	
0.54798	*			-23.00000	-2.00000	-0.80000	-1.8858	-0.88426	
0.51938	*			-22.00000	-2.00000	-0.80000	-1.9804	-0.96159	
0.51479	*			-21.00000	-2.00000	-0.80000	-1.9409	-0.99764	
0.48803	*			-20.00000	-2.00000	-0.80000	-1.9178	-1.0376	
0.45208	*			-19.00000	-2.00000	-0.80000	-1.9144	-1.0824	
0.41394	*			-18.00000	-2.00000	-0.80000	-1.9329	-1.1324	
0.41276	*			-17.00000	-2.00000	-0.80000	-1.7744	-1.1758	
0.40046	*			-16.00000	-2.00000	-0.80000	-1.6206	-1.2222	
0.38950	*			-15.00000	-2.00000	-0.80000	-1.5000	-1.2733	
0.38810	*			-14.00000	-2.00000	-0.80000	-1.4166	-1.3291	
				-13.00000	-2.00000	-0.80000	-1.3549	-1.3704	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.41075	*			-12.00000	-2.00000	-0.80000	-1.3077	-1.3859	
0.46649	*			-11.00000	-2.00000	-0.80000	-1.2947	-1.3926	
0.53786	*			-10.00000	-2.00000	-0.80000	-1.3179	-1.3903	
0.61205	*			-9.00000	-2.00000	-0.80000	-1.3781	-1.3812	
0.67071	*			-8.00000	-2.00000	-0.80000	-1.4749	-1.3699	
0.69028	*			-7.00000	-2.00000	-0.80000	-1.6073	-1.3642	
0.64217	*			-6.00000	-2.00000	-0.80000	-1.7745	-1.3734	
0.49322	*			-5.00000	-2.00000	-0.80000	-1.8642	-0.32242	
0.84702	*			-4.00000	-2.00000	-0.80000	-1.9753	-0.58760	
0.37575	*			-3.00000	-2.00000	-0.80000	-2.2013	-0.79373	
-0.26435	*			-2.00000	-2.00000	-0.80000	-2.6450	-0.87315	
-1.0961	*			-1.00000	-2.00000	-0.80000	-3.0634	-0.30663	
-1.6709	*			0.00000	-2.00000	-0.80000	-3.7072	-0.55397	
-2.8414	*			1.00000	-2.00000	-0.80000	-3.3745	-1.6250	
-3.9320	*			2.00000	-2.00000	-0.80000	-2.9497	-2.0434	
-4.5966	*			3.00000	-2.00000	-0.80000	-2.4573	-2.3905	
-5.1547	*			4.00000	-2.00000	-0.80000	-1.9222	-2.6597	
-5.5979	*			5.00000	-2.00000	-0.80000	-1.3647	-2.8516	
-5.9290	*			6.00000	-2.00000	-0.80000	-0.79859	-2.9696	
-6.1553	*			7.00000	-2.00000	-0.80000	-0.23288	-3.0178	
-6.2845	*			8.00000	-2.00000	-0.80000	0.32669	-3.0001	
-6.3220	*			9.00000	-2.00000	-0.80000	0.87643	-2.9199	
-6.2722	*			10.00000	-2.00000	-0.80000	1.4137	-2.7794	
-6.1377	*			11.00000	-2.00000	-0.80000	1.9361	-2.5801	
-5.9194	*			12.00000	-2.00000	-0.80000	2.4409	-2.3224	
-5.6167	*			13.00000	-2.00000	-0.80000	2.9233	-2.0057	
-5.2268	*			14.00000	-2.00000	-0.80000	3.3757	-1.6290	
-4.7451	*			15.00000	-2.00000	-0.80000	3.7855	-1.1920	
-4.1671	*			16.00000	-2.00000	-0.80000	4.1340	-0.69777	
-3.4923	*			17.00000	-2.00000	-0.80000	4.3984	-0.15643	
-2.7327	*			18.00000	-2.00000	-0.80000	4.4440	-1.7614	
-2.9789	*			19.00000	-2.00000	-0.80000	3.6510	-2.6828	
-2.4292	*			20.00000	-2.00000	-0.80000	3.0586	-3.1203	
-1.7988	*			21.00000	-2.00000	-0.80000	2.4842	-3.0151	
-1.0020	*			22.00000	-2.00000	-0.80000	2.1201	-2.8208	
-0.41755	*								



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No. Sheet No. Rev.

517419

Drg. Ref.

Made by
HM

Date
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Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
-0.017802	*			23.00000	-2.00000	-0.80000	1.8758	-2.5974	
0.23355	*			24.00000	-2.00000	-0.80000	1.7071	-2.3736	
0.37319	*			25.00000	-2.00000	-0.80000	1.5914	-2.1620	
0.43472	*			26.00000	-2.00000	-0.80000	1.5166	-1.9678	
0.44720	*			27.00000	-2.00000	-0.80000	1.4750	-1.7921	
0.43446	*			28.00000	-2.00000	-0.80000	1.4615	-1.6346	
0.41491	*			29.00000	-2.00000	-0.80000	1.4721	-1.4939	
0.40143	*			30.00000	-2.00000	-0.80000	1.5041	-1.3685	
0.52246	*			-40.00000	5.00000	-0.80000	-0.99470	-0.14511	
0.53524	*			-39.00000	5.00000	-0.80000	-1.0374	-0.15479	
0.54760	*			-38.00000	5.00000	-0.80000	-1.0830	-0.16535	
0.55937	*			-37.00000	5.00000	-0.80000	-1.1315	-0.17687	
0.57036	*			-36.00000	5.00000	-0.80000	-1.1833	-0.18948	
0.58035	*			-35.00000	5.00000	-0.80000	-1.2387	-0.20330	
0.58906	*			-34.00000	5.00000	-0.80000	-1.2980	-0.21848	
0.59617	*			-33.00000	5.00000	-0.80000	-1.3615	-0.23520	
0.60132	*			-32.00000	5.00000	-0.80000	-1.4297	-0.25363	
0.60405	*			-31.00000	5.00000	-0.80000	-1.5031	-0.27401	
0.60385	*			-30.00000	5.00000	-0.80000	-1.5821	-0.29660	
0.60009	*			-29.00000	5.00000	-0.80000	-1.6673	-0.32170	
0.59205	*			-28.00000	5.00000	-0.80000	-1.7593	-0.34967	
0.57884	*			-27.00000	5.00000	-0.80000	-1.8590	-0.38090	
0.55944	*			-26.00000	5.00000	-0.80000	-1.9670	-0.41590	
0.53260	*			-25.00000	5.00000	-0.80000	-2.0843	-0.45523	
0.49684	*			-24.00000	5.00000	-0.80000	-2.2119	-0.49955	
0.48249	*			-23.00000	5.00000	-0.80000	-2.1753	-0.54598	
0.44967	*			-22.00000	5.00000	-0.80000	-2.0857	-0.59722	
0.40394	*			-21.00000	5.00000	-0.80000	-2.0117	-0.65561	
0.35884	*			-20.00000	5.00000	-0.80000	-1.9550	-0.72238	
0.32253	*			-19.00000	5.00000	-0.80000	-1.9180	-0.79896	
0.30146	*			-18.00000	5.00000	-0.80000	-1.9029	-0.88709	
0.34190	*			-17.00000	5.00000	-0.80000	-1.5375	-0.98879	
0.36249	*			-16.00000	5.00000	-0.80000	-1.1999	-1.1065	
0.37812	*			-15.00000	5.00000	-0.80000	-0.89324	-1.2429	
0.38989	*			-14.00000	5.00000	-0.80000	-0.62119	-1.4012	
				-13.00000	5.00000	-0.80000	-0.38755	-1.5846	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.38465	*			-12.00000	5.00000	-0.80000	-0.19649	-1.7961	
0.33441	*			-11.00000	5.00000	-0.80000	-0.053073	-2.0374	
0.19581	*			-10.00000	5.00000	-0.80000	0.034551	-2.3061	
-0.090351	*			-9.00000	5.00000	-0.80000	0.047188	-2.5885	
-0.59907	*			-8.00000	5.00000	-0.80000	-0.076809	-2.8375	
-1.4201	*			-7.00000	5.00000	-0.80000	-0.59435	-2.8781	
-2.6567	*			-6.00000	5.00000	-0.80000	-2.1771	-1.2961	
-3.9465	*			-5.00000	5.00000	-0.80000	-2.6302	1.4963	
-4.3645	*			-4.00000	5.00000	-0.80000	-2.2673	1.0253	
-5.8743	*			-3.00000	5.00000	-0.80000	-1.8035	0.63621	
-7.5847	*			-2.00000	5.00000	-0.80000	-1.2445	0.34423	
-9.6000	*			-1.00000	5.00000	-0.80000	-0.55956	0.14960	
-12.086	*			0.00000	5.00000	-0.80000	0.30720	-2.0976	
-16.382	*			1.00000	5.00000	-0.80000	Point lies within an		
excavation.	*			2.00000	5.00000	-0.80000	Point lies within an		
excavation.	*			3.00000	5.00000	-0.80000	Point lies within an		
excavation.	*			4.00000	5.00000	-0.80000	Point lies within an		
excavation.	*			5.00000	5.00000	-0.80000	Point lies within an		
excavation.	*			6.00000	5.00000	-0.80000	Point lies within an		
excavation.	*			7.00000	5.00000	-0.80000	Point lies within an		
excavation.	*			8.00000	5.00000	-0.80000	Point lies within an		
excavation.	*			9.00000	5.00000	-0.80000	Point lies within an		
excavation.	*			10.00000	5.00000	-0.80000	Point lies within an		
excavation.	*			11.00000	5.00000	-0.80000	Point lies within an		
excavation.	*			12.00000	5.00000	-0.80000	Point lies within an		
excavation.	*			13.00000	5.00000	-0.80000	Point lies within an		
excavation.	*			14.00000	5.00000	-0.80000	Point lies within an		
excavation.	*			15.00000	5.00000	-0.80000	Point lies within an		
excavation.	*			16.00000	5.00000	-0.80000	Point lies within an		
excavation.	*			17.00000	5.00000	-0.80000	Point lies within an		
-11.166	*			18.00000	5.00000	-0.80000	1.6698	-3.4158	
-7.5615	*			19.00000	5.00000	-0.80000	1.9643	-3.0720	
-4.9556	*			20.00000	5.00000	-0.80000	2.0147	-2.7437	
-3.0611	*			21.00000	5.00000	-0.80000	1.9227	-2.4379	
-1.7316	*			22.00000	5.00000	-0.80000	1.7721	-2.1593	



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Short Term Analysis No Load From Superstructure

Job No. Sheet No. Rev.

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Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
-0.84009	*			23.00000	5.00000	-0.80000	1.6145	-1.9095	
-0.27742	*			24.00000	5.00000	-0.80000	1.4776	-1.6883	
0.047736	*			25.00000	5.00000	-0.80000	1.3750	-1.4940	
0.21005	*			26.00000	5.00000	-0.80000	1.3121	-1.3241	
0.26949	*			27.00000	5.00000	-0.80000	1.2892	-1.1761	
0.27292	*			28.00000	5.00000	-0.80000	1.3048	-1.0472	
0.25546	*			29.00000	5.00000	-0.80000	1.3558	-0.93501	
0.24151	*			30.00000	5.00000	-0.80000	1.4389	-0.83719	
0.52845	*			-40.00000	12.00000	-0.80000	-1.0275	0.0045528	
0.54111	*			-39.00000	12.00000	-0.80000	-1.0733	0.0047232	
0.55325	*			-38.00000	12.00000	-0.80000	-1.1221	0.0048996	
0.56468	*			-37.00000	12.00000	-0.80000	-1.1744	0.0050821	
0.57518	*			-36.00000	12.00000	-0.80000	-1.2304	0.0052707	
0.58448	*			-35.00000	12.00000	-0.80000	-1.2905	0.0054654	
0.59228	*			-34.00000	12.00000	-0.80000	-1.3551	0.0056661	
0.59819	*			-33.00000	12.00000	-0.80000	-1.4246	0.0058728	
0.60179	*			-32.00000	12.00000	-0.80000	-1.4996	0.0060856	
0.60254	*			-31.00000	12.00000	-0.80000	-1.5807	0.0063045	
0.59981	*			-30.00000	12.00000	-0.80000	-1.6684	0.0065299	
0.59286	*			-29.00000	12.00000	-0.80000	-1.7637	0.0067625	
0.58080	*			-28.00000	12.00000	-0.80000	-1.8672	0.0070035	
0.56254	*			-27.00000	12.00000	-0.80000	-1.9801	0.0072551	
0.53680	*			-26.00000	12.00000	-0.80000	-2.1033	0.0075206	
0.50202	*			-25.00000	12.00000	-0.80000	-2.2383	0.0078057	
0.45629	*			-24.00000	12.00000	-0.80000	-2.3865	0.0081190	
0.44665	*			-23.00000	12.00000	-0.80000	-2.2722	0.0084739	
0.41158	*			-22.00000	12.00000	-0.80000	-2.0772	0.0088905	
0.36134	*			-21.00000	12.00000	-0.80000	-1.9015	0.0093991	
0.31692	*			-20.00000	12.00000	-0.80000	-1.7477	0.010045	
0.29125	*			-19.00000	12.00000	-0.80000	-1.6188	0.010895	
0.28884	*			-18.00000	12.00000	-0.80000	-1.5185	0.012046	
0.30540	*			-17.00000	12.00000	-0.80000	-1.4506	0.013639	
0.32722	*			-16.00000	12.00000	-0.80000	-1.4197	0.015877	
0.33048	*			-15.00000	12.00000	-0.80000	-1.4306	0.019041	
0.28019	*			-14.00000	12.00000	-0.80000	-1.4882	0.023518	
				-13.00000	12.00000	-0.80000	-1.5969	0.029815	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.12890	*			-12.00000	12.00000	-0.80000	-1.7593	0.038548	
-0.18514	*			-11.00000	12.00000	-0.80000	-1.9744	0.050381	
-0.74025	*			-10.00000	12.00000	-0.80000	-2.2335	0.065822	
-1.6340	*			-9.00000	12.00000	-0.80000	-2.5140	0.084795	
-2.9849	*			-8.00000	12.00000	-0.80000	-2.7682	0.10590	
-4.9305	*			-7.00000	12.00000	-0.80000	-2.9114	0.12546	
-7.6187	*			-6.00000	12.00000	-0.80000	-2.8281	0.13725	
-11.245	*			-5.00000	12.00000	-0.80000	Point lies within an		
excavation.	*			-4.00000	12.00000	-0.80000	Point lies within an		
excavation.	*			-3.00000	12.00000	-0.80000	Point lies within an		
excavation.	*			-2.00000	12.00000	-0.80000	Point lies within an		
excavation.	*			-1.00000	12.00000	-0.80000	Point lies within an		
excavation.	*			0.00000	12.00000	-0.80000	Point lies within an		
excavation.	*			1.00000	12.00000	-0.80000	Point lies within an		
excavation.	*			2.00000	12.00000	-0.80000	Point lies within an		
excavation.	*			3.00000	12.00000	-0.80000	Point lies within an		
excavation.	*			4.00000	12.00000	-0.80000	Point lies within an		
excavation.	*			5.00000	12.00000	-0.80000	Point lies within an		
excavation.	*			6.00000	12.00000	-0.80000	Point lies within an		
excavation.	*			7.00000	12.00000	-0.80000	Point lies within an		
excavation.	*			8.00000	12.00000	-0.80000	Point lies within an		
excavation.	*			9.00000	12.00000	-0.80000	Point lies within an		
excavation.	*			10.00000	12.00000	-0.80000	Point lies within an		
excavation.	*			11.00000	12.00000	-0.80000	Point lies within an		
excavation.	*			12.00000	12.00000	-0.80000	Point lies within an		
excavation.	*			13.00000	12.00000	-0.80000	Point lies within an		
excavation.	*			14.00000	12.00000	-0.80000	Point lies within an		
excavation.	*			15.00000	12.00000	-0.80000	Point lies within an		
excavation.	*			16.00000	12.00000	-0.80000	Point lies within an		
excavation.	*			17.00000	12.00000	-0.80000	Point lies within an		
-12.308	*			18.00000	12.00000	-0.80000	2.6094	0.97967	
-8.5170	*			19.00000	12.00000	-0.80000	2.8389	0.90240	
-5.7422	*			20.00000	12.00000	-0.80000	2.8169	0.81823	
-3.7007	*			21.00000	12.00000	-0.80000	2.6489	0.73245	
-2.2470	*			22.00000	12.00000	-0.80000	2.4221	0.64918	



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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
-1.2529	*			23.00000	12.00000	-0.80000	2.1912	0.57125	
-0.60655	*			24.00000	12.00000	-0.80000	1.9862	0.50026	
-0.21386	*			25.00000	12.00000	-0.80000	1.8217	0.43686	
0.0026802	*			26.00000	12.00000	-0.80000	1.7035	0.38104	
0.10551	*			27.00000	12.00000	-0.80000	1.6320	0.33238	
0.14360	*			28.00000	12.00000	-0.80000	1.6049	0.29023	
0.15382	*			29.00000	12.00000	-0.80000	1.6189	0.25386	
0.16196	*			30.00000	12.00000	-0.80000	1.6700	0.22256	
0.52086	*			-40.00000	19.00000	-0.80000	-0.99237	0.15398	
0.53352	*			-39.00000	19.00000	-0.80000	-1.0350	0.16400	
0.54575	*			-38.00000	19.00000	-0.80000	-1.0805	0.17490	
0.55737	*			-37.00000	19.00000	-0.80000	-1.1289	0.18679	
0.56819	*			-36.00000	19.00000	-0.80000	-1.1806	0.19977	
0.57799	*			-35.00000	19.00000	-0.80000	-1.2359	0.21398	
0.58650	*			-34.00000	19.00000	-0.80000	-1.2951	0.22956	
0.59338	*			-33.00000	19.00000	-0.80000	-1.3586	0.24668	
0.59827	*			-32.00000	19.00000	-0.80000	-1.4268	0.26553	
0.60071	*			-31.00000	19.00000	-0.80000	-1.5001	0.28634	
0.60019	*			-30.00000	19.00000	-0.80000	-1.5790	0.30936	
0.59606	*			-29.00000	19.00000	-0.80000	-1.6641	0.33488	
0.58761	*			-28.00000	19.00000	-0.80000	-1.7562	0.36326	
0.57395	*			-27.00000	19.00000	-0.80000	-1.8558	0.39490	
0.55404	*			-26.00000	19.00000	-0.80000	-1.9637	0.43027	
0.52664	*			-25.00000	19.00000	-0.80000	-2.0810	0.46993	
0.49028	*			-24.00000	19.00000	-0.80000	-2.2087	0.51451	
0.46183	*			-23.00000	19.00000	-0.80000	-2.2685	0.55566	
0.42995	*			-22.00000	19.00000	-0.80000	-2.2178	0.58684	
0.37799	*			-21.00000	19.00000	-0.80000	-2.1874	0.62252	
0.36635	*			-20.00000	19.00000	-0.80000	-1.9176	0.66336	
0.34835	*			-19.00000	19.00000	-0.80000	-1.5615	0.71008	
0.33661	*			-18.00000	19.00000	-0.80000	-1.2355	0.76348	
0.35362	*			-17.00000	19.00000	-0.80000	-0.94422	0.82434	
0.40925	*			-16.00000	19.00000	-0.80000	-0.69308	0.89343	
0.50060	*			-15.00000	19.00000	-0.80000	-0.48864	0.97127	
0.61181	*			-14.00000	19.00000	-0.80000	-0.33893	1.0580	
				-13.00000	19.00000	-0.80000	-0.25392	1.1527	



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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.71404	*			-12.00000	19.00000	-0.80000	-0.24622	1.2532	
0.76561	*			-11.00000	19.00000	-0.80000	-0.33204	1.3541	
0.71256	*			-10.00000	19.00000	-0.80000	-0.53234	1.4461	
0.48993	*			-9.00000	19.00000	-0.80000	-0.82600	1.4671	
0.083143	*			-8.00000	19.00000	-0.80000	-1.1337	1.2928	
-0.45534	*			-7.00000	19.00000	-0.80000	-1.5418	0.99265	
-1.3094	*			-6.00000	19.00000	-0.80000	-2.0016	0.60099	
-2.5654	*			-5.00000	19.00000	-0.80000	-2.0438	-0.98181	
-3.4025	*			-4.00000	19.00000	-0.80000	-1.8014	-0.58477	
-6.0129	*			-3.00000	19.00000	-0.80000	-1.3092	-0.22127	
-9.4634	*			-2.00000	19.00000	-0.80000	Point lies within an		
excavation.	*			-1.00000	19.00000	-0.80000	Point lies within an		
excavation.	*			0.00000	19.00000	-0.80000	Point lies within an		
excavation.	*			1.00000	19.00000	-0.80000	Point lies within an		
excavation.	*			2.00000	19.00000	-0.80000	Point lies within an		
excavation.	*			3.00000	19.00000	-0.80000	Point lies within an		
excavation.	*			4.00000	19.00000	-0.80000	Point lies within an		
excavation.	*			5.00000	19.00000	-0.80000	Point lies within an		
excavation.	*			6.00000	19.00000	-0.80000	Point lies within an		
excavation.	*			7.00000	19.00000	-0.80000	Point lies within an		
excavation.	*			8.00000	19.00000	-0.80000	Point lies within an		
excavation.	*			9.00000	19.00000	-0.80000	Point lies within an		
excavation.	*			10.00000	19.00000	-0.80000	Point lies within an		
excavation.	*			11.00000	19.00000	-0.80000	Point lies within an		
excavation.	*			12.00000	19.00000	-0.80000	Point lies within an		
-14.807	*			13.00000	19.00000	-0.80000	6.0732	0.47904	
-13.101	*			14.00000	19.00000	-0.80000	6.4259	0.21463	
-11.534	*			15.00000	19.00000	-0.80000	6.7025	-0.13877	
-9.9794	*			16.00000	19.00000	-0.80000	6.9099	-0.57940	
-8.3523	*			17.00000	19.00000	-0.80000	7.0237	-1.0944	
-7.3873	*			18.00000	19.00000	-0.80000	5.9477	2.3294	
-5.1326	*			19.00000	19.00000	-0.80000	3.2606	4.0538	
-3.4293	*			20.00000	19.00000	-0.80000	2.8986	3.7121	
-2.1801	*			21.00000	19.00000	-0.80000	2.6753	3.2991	
-1.2855	*			22.00000	19.00000	-0.80000	2.4805	2.9101	



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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
-0.66757	*			23.00000	19.00000	-0.80000	2.3068	2.5628	
-0.26040	*			24.00000	19.00000	-0.80000	2.1580	2.2588	
-0.0081364	*			25.00000	19.00000	-0.80000	2.0369	1.9947	
0.13575	*			26.00000	19.00000	-0.80000	1.9444	1.7661	
0.20929	*			27.00000	19.00000	-0.80000	1.8802	1.5682	
0.24268	*			28.00000	19.00000	-0.80000	1.8429	1.3968	
0.25884	*			29.00000	19.00000	-0.80000	1.8305	1.2479	
0.27389	*			30.00000	19.00000	-0.80000	1.8412	1.1184	
0.49984	*			-40.00000	26.00000	-0.80000	-0.89973	0.27562	
0.51243	*			-39.00000	26.00000	-0.80000	-0.93461	0.29250	
0.52477	*			-38.00000	26.00000	-0.80000	-0.97144	0.31076	
0.53677	*			-37.00000	26.00000	-0.80000	-1.0104	0.33052	
0.54828	*			-36.00000	26.00000	-0.80000	-1.0515	0.35195	
0.55915	*			-35.00000	26.00000	-0.80000	-1.0950	0.37521	
0.56921	*			-34.00000	26.00000	-0.80000	-1.1412	0.40051	
0.57824	*			-33.00000	26.00000	-0.80000	-1.1900	0.42806	
0.58599	*			-32.00000	26.00000	-0.80000	-1.2418	0.45810	
0.59220	*			-31.00000	26.00000	-0.80000	-1.2968	0.49092	
0.59652	*			-30.00000	26.00000	-0.80000	-1.3551	0.52682	
0.59859	*			-29.00000	26.00000	-0.80000	-1.4171	0.56617	
0.59797	*			-28.00000	26.00000	-0.80000	-1.4829	0.60935	
0.59415	*			-27.00000	26.00000	-0.80000	-1.5529	0.65682	
0.58654	*			-26.00000	26.00000	-0.80000	-1.6274	0.70910	
0.57449	*			-25.00000	26.00000	-0.80000	-1.7066	0.76676	
0.55721	*			-24.00000	26.00000	-0.80000	-1.7908	0.83048	
0.53380	*			-23.00000	26.00000	-0.80000	-1.8805	0.90099	
0.50321	*			-22.00000	26.00000	-0.80000	-1.9758	0.97915	
0.46424	*			-21.00000	26.00000	-0.80000	-2.0771	1.0659	
0.45051	*			-20.00000	26.00000	-0.80000	-2.0452	1.1339	
0.43895	*			-19.00000	26.00000	-0.80000	-1.8542	1.1567	
0.40515	*			-18.00000	26.00000	-0.80000	-1.6895	1.1839	
0.37074	*			-17.00000	26.00000	-0.80000	-1.5538	1.2162	
0.35045	*			-16.00000	26.00000	-0.80000	-1.4461	1.2504	
0.35368	*			-15.00000	26.00000	-0.80000	-1.3599	1.2780	
0.39550	*			-14.00000	26.00000	-0.80000	-1.2335	1.3038	
				-13.00000	26.00000	-0.80000	-0.97617	1.3246	



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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.46809	*			-12.00000	26.00000	-0.80000	-0.75820	1.3469	
0.53783	*			-11.00000	26.00000	-0.80000	-0.58381	1.3719	
0.60413	*			-10.00000	26.00000	-0.80000	-0.45827	1.4007	
0.65598	*			-9.00000	26.00000	-0.80000	-0.38871	1.4339	
0.67274	*			-8.00000	26.00000	-0.80000	-0.38593	1.4698	
0.62537	*			-7.00000	26.00000	-0.80000	-0.46801	1.5020	
0.47888	*			-6.00000	26.00000	-0.80000	-0.66637	1.5141	
0.19670	*			-5.00000	26.00000	-0.80000	-0.87726	0.55778	
0.17339	*			-4.00000	26.00000	-0.80000	-1.0773	0.21473	
-0.076525	*			-3.00000	26.00000	-0.80000	-1.3930	-0.36938	
-0.33526	*			-2.00000	26.00000	-0.80000	-1.2329	0.65863	
-0.67733	*			-1.00000	26.00000	-0.80000	-0.81332	1.0741	
-1.2201	*			0.00000	26.00000	-0.80000	-0.38321	1.3885	
-1.7876	*			1.00000	26.00000	-0.80000	-0.035279	1.5450	
-2.3997	*			2.00000	26.00000	-0.80000	0.022306	1.4250	
-3.0898	*			3.00000	26.00000	-0.80000	-0.36644	0.34255	
-3.5323	*			4.00000	26.00000	-0.80000	-0.69157	2.4163	
-5.8744	*			5.00000	26.00000	-0.80000	0.015011	2.4449	
-5.9109	*			6.00000	26.00000	-0.80000	0.71188	2.3598	
-5.6961	*			7.00000	26.00000	-0.80000	1.3470	2.1690	
-5.2461	*			8.00000	26.00000	-0.80000	0.81152	5.8244	
-5.7984	*			9.00000	26.00000	-0.80000	0.25700	6.7148	
-5.0440	*			10.00000	26.00000	-0.80000	-3.3888	2.7790	
-0.93620	*			11.00000	26.00000	-0.80000	-3.0967	2.8130	
-0.37595	*			12.00000	26.00000	-0.80000	-2.7101	2.7496	
-0.032652	*			13.00000	26.00000	-0.80000	-2.2924	-1.4086	
2.3947	*			14.00000	26.00000	-0.80000	-1.8705	-1.5538	
2.4518	*			15.00000	26.00000	-0.80000	-1.4571	-1.7151	
2.4284	*			16.00000	26.00000	-0.80000	-1.0583	-1.8833	
2.3582	*			17.00000	26.00000	-0.80000	-0.67689	-2.0517	
2.2691	*			18.00000	26.00000	-0.80000	-0.33558	-0.84455	
1.4324	*			19.00000	26.00000	-0.80000	1.8723	1.6365	
0.036160	*			20.00000	26.00000	-0.80000	1.8749	1.6368	
0.10801	*			21.00000	26.00000	-0.80000	1.8867	1.6447	
0.16841	*			22.00000	26.00000	-0.80000	1.9167	1.6489	
0.22099	*								



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Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.26478	*			23.00000	26.00000	-0.80000	1.9698	1.6435	
0.29409	*			24.00000	26.00000	-0.80000	2.0486	1.6263	
0.29826	*			25.00000	26.00000	-0.80000	2.1531	1.5977	
0.33251	*			26.00000	26.00000	-0.80000	2.0680	1.5197	
0.36508	*			27.00000	26.00000	-0.80000	1.9561	1.4408	
0.38841	*			28.00000	26.00000	-0.80000	1.8757	1.3674	
0.41003	*			29.00000	26.00000	-0.80000	1.8238	1.2997	
0.43463	*			30.00000	26.00000	-0.80000	1.7972	1.2375	
0.46639	*			-40.00000	33.00000	-0.80000	-0.77429	0.35461	
0.47844	*			-39.00000	33.00000	-0.80000	-0.79968	0.37424	
0.49043	*			-38.00000	33.00000	-0.80000	-0.82615	0.39527	
0.50232	*			-37.00000	33.00000	-0.80000	-0.85374	0.41781	
0.51403	*			-36.00000	33.00000	-0.80000	-0.88249	0.44199	
0.52547	*			-35.00000	33.00000	-0.80000	-0.91245	0.46796	
0.53654	*			-34.00000	33.00000	-0.80000	-0.94365	0.49585	
0.54713	*			-33.00000	33.00000	-0.80000	-0.97614	0.52585	
0.55712	*			-32.00000	33.00000	-0.80000	-1.0099	0.55813	
0.56637	*			-31.00000	33.00000	-0.80000	-1.0451	0.59291	
0.57472	*			-30.00000	33.00000	-0.80000	-1.0816	0.63038	
0.58198	*			-29.00000	33.00000	-0.80000	-1.1196	0.67080	
0.58797	*			-28.00000	33.00000	-0.80000	-1.1589	0.71442	
0.59245	*			-27.00000	33.00000	-0.80000	-1.1996	0.76154	
0.59517	*			-26.00000	33.00000	-0.80000	-1.2417	0.81244	
0.59586	*			-25.00000	33.00000	-0.80000	-1.2850	0.86748	
0.59422	*			-24.00000	33.00000	-0.80000	-1.3297	0.92700	
0.58991	*			-23.00000	33.00000	-0.80000	-1.3754	0.99140	
0.58256	*			-22.00000	33.00000	-0.80000	-1.4222	1.0611	
0.57178	*			-21.00000	33.00000	-0.80000	-1.4698	1.1365	
0.55714	*			-20.00000	33.00000	-0.80000	-1.5179	1.2182	
0.53817	*			-19.00000	33.00000	-0.80000	-1.5662	1.3065	
0.51437	*			-18.00000	33.00000	-0.80000	-1.6144	1.4020	
0.51144	*			-17.00000	33.00000	-0.80000	-1.5670	1.4540	
0.49396	*			-16.00000	33.00000	-0.80000	-1.5160	1.5010	
0.46852	*			-15.00000	33.00000	-0.80000	-1.4784	1.5509	
0.44139	*			-14.00000	33.00000	-0.80000	-1.4549	1.6033	
				-13.00000	33.00000	-0.80000	-1.4467	1.6582	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.41574	*			-12.00000	33.00000	-0.80000	-1.3967	1.6888	
0.40986	*			-11.00000	33.00000	-0.80000	-1.2666	1.6680	
0.42128	*			-10.00000	33.00000	-0.80000	-1.1578	1.6344	
0.43140	*			-9.00000	33.00000	-0.80000	-1.0682	1.5568	
0.45745	*			-8.00000	33.00000	-0.80000	-1.0035	1.4576	
0.49178	*			-7.00000	33.00000	-0.80000	-0.96496	1.3528	
0.53338	*			-6.00000	33.00000	-0.80000	-0.95106	1.2452	
0.57852	*			-5.00000	33.00000	-0.80000	-0.95742	1.0842	
0.63201	*			-4.00000	33.00000	-0.80000	-0.96441	0.95189	
0.67643	*			-3.00000	33.00000	-0.80000	-0.96402	0.79052	
0.72336	*			-2.00000	33.00000	-0.80000	-0.89447	-0.13073	
1.1308	*			-1.00000	33.00000	-0.80000	-0.79643	-0.17551	
1.1572	*			0.00000	33.00000	-0.80000	-0.70221	-0.26084	
1.1929	*			1.00000	33.00000	-0.80000	-0.61268	-0.38573	
1.2344	*			2.00000	33.00000	-0.80000	-0.52723	-0.54496	
1.2773	*			3.00000	33.00000	-0.80000	-0.44351	-0.72889	
1.3170	*			4.00000	33.00000	-0.80000	-0.30933	1.0550	
0.67947	*			5.00000	33.00000	-0.80000	-0.078387	1.0706	
0.67881	*			6.00000	33.00000	-0.80000	0.15029	1.0536	
0.69981	*			7.00000	33.00000	-0.80000	0.37162	1.0056	
0.74117	*			8.00000	33.00000	-0.80000	0.47906	2.3214	
0.14683	*			9.00000	33.00000	-0.80000	0.53811	2.4844	
0.13666	*			10.00000	33.00000	-0.80000	0.59466	2.6302	
0.11616	*			11.00000	33.00000	-0.80000	0.65356	2.7501	
0.089290	*			12.00000	33.00000	-0.80000	0.71797	2.8391	
0.060219	*			13.00000	33.00000	-0.80000	0.78933	1.4780	
0.24534	*			14.00000	33.00000	-0.80000	0.86778	1.5027	
0.22418	*			15.00000	33.00000	-0.80000	0.95257	1.4983	
0.21242	*			16.00000	33.00000	-0.80000	-0.20012	0.057188	
0.58576	*			17.00000	33.00000	-0.80000	0.036117	0.17008	
0.51205	*			18.00000	33.00000	-0.80000	0.28046	0.74840	
0.39996	*			19.00000	33.00000	-0.80000	0.50722	0.90946	
0.38242	*			20.00000	33.00000	-0.80000	0.74438	1.0800	
0.38516	*			21.00000	33.00000	-0.80000	0.99248	1.2583	
0.39895	*			22.00000	33.00000	-0.80000	1.2522	1.4426	
0.41010	*								



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.39996	*			23.00000	33.00000	-0.80000	1.5240	1.6311	
0.40210	*			24.00000	33.00000	-0.80000	1.6285	1.6967	
0.43981	*			25.00000	33.00000	-0.80000	1.6115	1.6580	
0.47260	*			26.00000	33.00000	-0.80000	1.5991	1.6231	
0.49939	*			27.00000	33.00000	-0.80000	1.5924	1.5909	
0.51797	*			28.00000	33.00000	-0.80000	1.5922	1.5601	
0.52489	*			29.00000	33.00000	-0.80000	1.5948	1.5240	
0.54830	*			30.00000	33.00000	-0.80000	1.5553	1.4252	
0.42330	*			-40.00000	40.00000	-0.80000	-0.64159	0.39137	
0.43421	*			-39.00000	40.00000	-0.80000	-0.65836	0.41043	
0.44518	*			-38.00000	40.00000	-0.80000	-0.67556	0.43063	
0.45618	*			-37.00000	40.00000	-0.80000	-0.69317	0.45204	
0.46719	*			-36.00000	40.00000	-0.80000	-0.71120	0.47473	
0.47814	*			-35.00000	40.00000	-0.80000	-0.72962	0.49879	
0.48901	*			-34.00000	40.00000	-0.80000	-0.74841	0.52431	
0.49974	*			-33.00000	40.00000	-0.80000	-0.76754	0.55138	
0.51027	*			-32.00000	40.00000	-0.80000	-0.78699	0.58010	
0.52053	*			-31.00000	40.00000	-0.80000	-0.80670	0.61056	
0.53047	*			-30.00000	40.00000	-0.80000	-0.82663	0.64288	
0.54001	*			-29.00000	40.00000	-0.80000	-0.84671	0.67717	
0.54907	*			-28.00000	40.00000	-0.80000	-0.86687	0.71353	
0.55756	*			-27.00000	40.00000	-0.80000	-0.88701	0.75209	
0.56538	*			-26.00000	40.00000	-0.80000	-0.90705	0.79296	
0.57245	*			-25.00000	40.00000	-0.80000	-0.92685	0.83626	
0.57865	*			-24.00000	40.00000	-0.80000	-0.94627	0.88211	
0.58388	*			-23.00000	40.00000	-0.80000	-0.96515	0.93062	
0.58804	*			-22.00000	40.00000	-0.80000	-0.98332	0.98190	
0.59101	*			-21.00000	40.00000	-0.80000	-1.0005	1.0360	
0.59267	*			-20.00000	40.00000	-0.80000	-1.0166	1.0931	
0.59293	*			-19.00000	40.00000	-0.80000	-1.0312	1.1532	
0.59167	*			-18.00000	40.00000	-0.80000	-1.0441	1.2164	
0.58881	*			-17.00000	40.00000	-0.80000	-1.0549	1.2827	
0.58426	*			-16.00000	40.00000	-0.80000	-1.0633	1.3520	
0.57796	*			-15.00000	40.00000	-0.80000	-1.0688	1.4243	
0.56986	*			-14.00000	40.00000	-0.80000	-1.0710	1.4995	
				-13.00000	40.00000	-0.80000	-1.0695	1.5773	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.55996	*			-12.00000	40.00000	-0.80000	-1.0639	1.6576	
0.54828	*			-11.00000	40.00000	-0.80000	-1.0535	1.7400	
0.53487	*			-10.00000	40.00000	-0.80000	-1.0379	1.8240	
0.51984	*			-9.00000	40.00000	-0.80000	-1.0102	1.8820	
0.51230	*			-8.00000	40.00000	-0.80000	-0.97183	1.9038	
0.50721	*			-7.00000	40.00000	-0.80000	-0.93289	1.9284	
0.49770	*			-6.00000	40.00000	-0.80000	-0.89225	1.9570	
0.48517	*			-5.00000	40.00000	-0.80000	-0.81744	1.9161	
0.49141	*			-4.00000	40.00000	-0.80000	-0.74652	1.8767	
0.48882	*			-3.00000	40.00000	-0.80000	-0.67882	1.8425	
0.48241	*			-2.00000	40.00000	-0.80000	-0.60645	1.6626	
0.49808	*			-1.00000	40.00000	-0.80000	-0.53245	1.6435	
0.49035	*			0.00000	40.00000	-0.80000	-0.45930	1.6201	
0.48424	*			1.00000	40.00000	-0.80000	-0.38662	1.5941	
0.47980	*			2.00000	40.00000	-0.80000	-0.31394	1.5675	
0.47681	*			3.00000	40.00000	-0.80000	-0.24070	1.5428	
0.47493	*			4.00000	40.00000	-0.80000	-0.15887	1.6750	
0.44569	*			5.00000	40.00000	-0.80000	-0.061487	1.6837	
0.44554	*			6.00000	40.00000	-0.80000	0.035862	1.6820	
0.44863	*			7.00000	40.00000	-0.80000	0.13204	1.6700	
0.45484	*			8.00000	40.00000	-0.80000	0.21025	2.0253	
0.41658	*			9.00000	40.00000	-0.80000	0.28034	2.0489	
0.42353	*			10.00000	40.00000	-0.80000	0.34928	2.0751	
0.43093	*			11.00000	40.00000	-0.80000	0.41790	2.1018	
0.43901	*			12.00000	40.00000	-0.80000	0.48695	2.1270	
0.44794	*			13.00000	40.00000	-0.80000	0.55711	2.1490	
0.45762	*			14.00000	40.00000	-0.80000	0.62893	2.1665	
0.46748	*			15.00000	40.00000	-0.80000	0.70282	2.1785	
0.47629	*			16.00000	40.00000	-0.80000	0.77908	2.1845	
0.48194	*			17.00000	40.00000	-0.80000	0.85502	2.1784	
0.48096	*			18.00000	40.00000	-0.80000	0.89532	2.1004	
0.49916	*			19.00000	40.00000	-0.80000	0.92979	2.0214	
0.51642	*			20.00000	40.00000	-0.80000	0.95867	1.9420	
0.53253	*			21.00000	40.00000	-0.80000	0.98225	1.8626	
0.54734	*			22.00000	40.00000	-0.80000	1.0008	1.7838	
0.56072	*								



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No. Sheet No. Rev.

517419

Drg. Ref.

Made by
HM

Date
20-Dec-2022

Checked

Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.57258	*			23.00000	40.00000	-0.80000	1.0148	1.7061	
0.58285	*			24.00000	40.00000	-0.80000	1.0245	1.6299	
0.59150	*			25.00000	40.00000	-0.80000	1.0302	1.5554	
0.59853	*			26.00000	40.00000	-0.80000	1.0323	1.4829	
0.60395	*			27.00000	40.00000	-0.80000	1.0313	1.4126	
0.60779	*			28.00000	40.00000	-0.80000	1.0273	1.3448	
0.61010	*			29.00000	40.00000	-0.80000	1.0208	1.2794	
0.61095	*			30.00000	40.00000	-0.80000	1.0120	1.2166	
0.32965	*	3	New Basement Level	-40.00000	-30.00000	-4.50000	0.014133	0.012636	
0.33746	*			-39.00000	-30.00000	-4.50000	0.014683	0.013414	
0.34537	*			-38.00000	-30.00000	-4.50000	0.015250	0.014241	
0.35338	*			-37.00000	-30.00000	-4.50000	0.015832	0.015120	
0.36146	*			-36.00000	-30.00000	-4.50000	0.016429	0.016055	
0.36961	*			-35.00000	-30.00000	-4.50000	0.017039	0.017048	
0.37782	*			-34.00000	-30.00000	-4.50000	0.017663	0.018102	
0.38607	*			-33.00000	-30.00000	-4.50000	0.018298	0.019221	
0.39436	*			-32.00000	-30.00000	-4.50000	0.018942	0.020407	
0.40267	*			-31.00000	-30.00000	-4.50000	0.019595	0.021664	
0.41099	*			-30.00000	-30.00000	-4.50000	0.020253	0.022995	
0.41929	*			-29.00000	-30.00000	-4.50000	0.020914	0.024402	
0.42757	*			-28.00000	-30.00000	-4.50000	0.021575	0.025889	
0.43580	*			-27.00000	-30.00000	-4.50000	0.022232	0.027459	
0.44396	*			-26.00000	-30.00000	-4.50000	0.022881	0.029113	
0.45205	*			-25.00000	-30.00000	-4.50000	0.023519	0.030853	
0.46003	*			-24.00000	-30.00000	-4.50000	0.024140	0.032683	
0.46789	*			-23.00000	-30.00000	-4.50000	0.024739	0.034601	
0.47561	*			-22.00000	-30.00000	-4.50000	0.025310	0.036611	
0.48317	*			-21.00000	-30.00000	-4.50000	0.025848	0.038711	
0.49055	*			-20.00000	-30.00000	-4.50000	0.026344	0.040901	
0.49772	*			-19.00000	-30.00000	-4.50000	0.026791	0.043179	
0.50468	*			-18.00000	-30.00000	-4.50000	0.027183	0.045542	
0.51141	*			-17.00000	-30.00000	-4.50000	0.027511	0.047988	
0.51787	*			-16.00000	-30.00000	-4.50000	0.027766	0.050511	
0.52407	*			-15.00000	-30.00000	-4.50000	0.027940	0.053105	
0.52999	*			-14.00000	-30.00000	-4.50000	0.028024	0.055763	
				-13.00000	-30.00000	-4.50000	0.028009	0.058476	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.53560	*			-12.00000	-30.00000	-4.50000	0.027887	0.061234	
0.54091	*			-11.00000	-30.00000	-4.50000	0.027649	0.064023	
0.54590	*			-10.00000	-30.00000	-4.50000	0.027288	0.066832	
0.55056	*			-9.00000	-30.00000	-4.50000	0.026796	0.069644	
0.55490	*			-8.00000	-30.00000	-4.50000	0.026166	0.072444	
0.55890	*			-7.00000	-30.00000	-4.50000	0.025394	0.075212	
0.56257	*			-6.00000	-30.00000	-4.50000	0.024476	0.077931	
0.56590	*			-5.00000	-30.00000	-4.50000	0.023409	0.080579	
0.56891	*			-4.00000	-30.00000	-4.50000	0.022192	0.083135	
0.57160	*			-3.00000	-30.00000	-4.50000	0.020826	0.085579	
0.57398	*			-2.00000	-30.00000	-4.50000	0.019315	0.087888	
0.57604	*			-1.00000	-30.00000	-4.50000	0.017664	0.090040	
0.57782	*			0.00000	-30.00000	-4.50000	0.015878	0.092015	
0.57931	*			1.00000	-30.00000	-4.50000	0.013969	0.093791	
0.58052	*			2.00000	-30.00000	-4.50000	0.011947	0.095352	
0.58148	*			3.00000	-30.00000	-4.50000	0.0098247	0.096678	
0.58218	*			4.00000	-30.00000	-4.50000	0.0076180	0.097755	
0.58264	*			5.00000	-30.00000	-4.50000	0.0053432	0.098570	
0.58287	*			6.00000	-30.00000	-4.50000	0.0030182	0.099114	
0.58287	*			7.00000	-30.00000	-4.50000	661.71E-6	0.099379	
0.58266	*			8.00000	-30.00000	-4.50000	-0.0017066	0.099361	
0.58223	*			9.00000	-30.00000	-4.50000	-0.0040671	0.099059	
0.58159	*			10.00000	-30.00000	-4.50000	-0.0063997	0.098476	
0.58075	*			11.00000	-30.00000	-4.50000	-0.0086853	0.097618	
0.57969	*			12.00000	-30.00000	-4.50000	-0.010905	0.096493	
0.57841	*			13.00000	-30.00000	-4.50000	-0.013042	0.095113	
0.57692	*			14.00000	-30.00000	-4.50000	-0.015079	0.093492	
0.57520	*			15.00000	-30.00000	-4.50000	-0.017002	0.091647	
0.57324	*			16.00000	-30.00000	-4.50000	-0.018798	0.089598	
0.57104	*			17.00000	-30.00000	-4.50000	-0.020458	0.087363	
0.56860	*			18.00000	-30.00000	-4.50000	-0.021972	0.084966	
0.56589	*			19.00000	-30.00000	-4.50000	-0.023335	0.082429	
0.56291	*			20.00000	-30.00000	-4.50000	-0.024542	0.079774	
0.55965	*			21.00000	-30.00000	-4.50000	-0.025592	0.077024	
0.55611	*			22.00000	-30.00000	-4.50000	-0.026486	0.074203	
0.55228	*								



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.54815	*			23.00000	-30.00000	-4.50000	-0.027224	0.071332	
0.54372	*			24.00000	-30.00000	-4.50000	-0.027813	0.068431	
0.53900	*			25.00000	-30.00000	-4.50000	-0.028256	0.065521	
0.53397	*			26.00000	-30.00000	-4.50000	-0.028561	0.062620	
0.52865	*			27.00000	-30.00000	-4.50000	-0.028736	0.059744	
0.52304	*			28.00000	-30.00000	-4.50000	-0.028790	0.056907	
0.51715	*			29.00000	-30.00000	-4.50000	-0.028731	0.054124	
0.51099	*			30.00000	-30.00000	-4.50000	-0.028570	0.051404	
0.37887	*			-40.00000	-23.00000	-4.50000	0.020421	0.015226	
0.38840	*			-39.00000	-23.00000	-4.50000	0.021419	0.016318	
0.39805	*			-38.00000	-23.00000	-4.50000	0.022463	0.017496	
0.40780	*			-37.00000	-23.00000	-4.50000	0.023556	0.018765	
0.41763	*			-36.00000	-23.00000	-4.50000	0.024698	0.020134	
0.42751	*			-35.00000	-23.00000	-4.50000	0.025890	0.021609	
0.43744	*			-34.00000	-23.00000	-4.50000	0.027132	0.023199	
0.44738	*			-33.00000	-23.00000	-4.50000	0.028425	0.024912	
0.45731	*			-32.00000	-23.00000	-4.50000	0.029768	0.026758	
0.46721	*			-31.00000	-23.00000	-4.50000	0.031159	0.028745	
0.47705	*			-30.00000	-23.00000	-4.50000	0.032598	0.030885	
0.48679	*			-29.00000	-23.00000	-4.50000	0.034083	0.033187	
0.49640	*			-28.00000	-23.00000	-4.50000	0.035610	0.035661	
0.50585	*			-27.00000	-23.00000	-4.50000	0.037175	0.038319	
0.51510	*			-26.00000	-23.00000	-4.50000	0.038773	0.041172	
0.52411	*			-25.00000	-23.00000	-4.50000	0.040398	0.044231	
0.53284	*			-24.00000	-23.00000	-4.50000	0.042042	0.047507	
0.54126	*			-23.00000	-23.00000	-4.50000	0.043696	0.051010	
0.54932	*			-22.00000	-23.00000	-4.50000	0.045350	0.054751	
0.55699	*			-21.00000	-23.00000	-4.50000	0.046991	0.058739	
0.56421	*			-20.00000	-23.00000	-4.50000	0.048605	0.062982	
0.57097	*			-19.00000	-23.00000	-4.50000	0.050175	0.067487	
0.57721	*			-18.00000	-23.00000	-4.50000	0.051683	0.072259	
0.58291	*			-17.00000	-23.00000	-4.50000	0.053108	0.077299	
0.58803	*			-16.00000	-23.00000	-4.50000	0.054428	0.082610	
0.59255	*			-15.00000	-23.00000	-4.50000	0.055618	0.088186	
0.59645	*			-14.00000	-23.00000	-4.50000	0.056651	0.094020	
				-13.00000	-23.00000	-4.50000	0.057498	0.10010	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No. Sheet No. Rev.

517419

Drg. Ref.

Made by
HM

Date
20-Dec-2022

Checked

Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.59972	*			-12.00000	-23.00000	-4.50000	0.058131	0.10641	
0.60235	*			-11.00000	-23.00000	-4.50000	0.058518	0.11293	
0.60433	*			-10.00000	-23.00000	-4.50000	0.058627	0.11963	
0.60567	*			-9.00000	-23.00000	-4.50000	0.058429	0.12648	
0.60640	*			-8.00000	-23.00000	-4.50000	0.057892	0.13343	
0.60655	*			-7.00000	-23.00000	-4.50000	0.056988	0.14044	
0.60613	*			-6.00000	-23.00000	-4.50000	0.055692	0.14745	
0.60521	*			-5.00000	-23.00000	-4.50000	0.053983	0.15441	
0.60384	*			-4.00000	-23.00000	-4.50000	0.051844	0.16125	
0.60208	*			-3.00000	-23.00000	-4.50000	0.049266	0.16789	
0.60000	*			-2.00000	-23.00000	-4.50000	0.046243	0.17427	
0.59767	*			-1.00000	-23.00000	-4.50000	0.042781	0.18030	
0.59517	*			0.00000	-23.00000	-4.50000	0.038893	0.18592	
0.59259	*			1.00000	-23.00000	-4.50000	0.034599	0.19104	
0.59001	*			2.00000	-23.00000	-4.50000	0.029928	0.19561	
0.58750	*			3.00000	-23.00000	-4.50000	0.024920	0.19954	
0.58514	*			4.00000	-23.00000	-4.50000	0.019620	0.20278	
0.58299	*			5.00000	-23.00000	-4.50000	0.014081	0.20528	
0.58112	*			6.00000	-23.00000	-4.50000	0.0083603	0.20700	
0.57957	*			7.00000	-23.00000	-4.50000	0.0025218	0.20791	
0.57838	*			8.00000	-23.00000	-4.50000	-0.0033688	0.20799	
0.57758	*			9.00000	-23.00000	-4.50000	-0.0092437	0.20723	
0.57716	*			10.00000	-23.00000	-4.50000	-0.015035	0.20566	
0.57713	*			11.00000	-23.00000	-4.50000	-0.020678	0.20327	
0.57747	*			12.00000	-23.00000	-4.50000	-0.026107	0.20011	
0.57815	*			13.00000	-23.00000	-4.50000	-0.031266	0.19623	
0.57912	*			14.00000	-23.00000	-4.50000	-0.036101	0.19166	
0.58032	*			15.00000	-23.00000	-4.50000	-0.040566	0.18648	
0.58171	*			16.00000	-23.00000	-4.50000	-0.044623	0.18076	
0.58319	*			17.00000	-23.00000	-4.50000	-0.048244	0.17458	
0.58471	*			18.00000	-23.00000	-4.50000	-0.051407	0.16800	
0.58616	*			19.00000	-23.00000	-4.50000	-0.054101	0.16112	
0.58748	*			20.00000	-23.00000	-4.50000	-0.056324	0.15401	
0.58858	*			21.00000	-23.00000	-4.50000	-0.058082	0.14675	
0.58939	*			22.00000	-23.00000	-4.50000	-0.059389	0.13942	
0.58983	*								



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.58985	*			23.00000	-23.00000	-4.50000	-0.060265	0.13208	
0.58937	*			24.00000	-23.00000	-4.50000	-0.060737	0.12480	
0.58837	*			25.00000	-23.00000	-4.50000	-0.060835	0.11764	
0.58679	*			26.00000	-23.00000	-4.50000	-0.060593	0.11064	
0.58462	*			27.00000	-23.00000	-4.50000	-0.060047	0.10384	
0.58184	*			28.00000	-23.00000	-4.50000	-0.059232	0.097284	
0.57844	*			29.00000	-23.00000	-4.50000	-0.058185	0.090989	
0.57442	*			30.00000	-23.00000	-4.50000	-0.056942	0.084974	
0.42690	*			-40.00000	-16.00000	-4.50000	0.028912	0.017264	
0.43801	*			-39.00000	-16.00000	-4.50000	0.030641	0.018698	
0.44921	*			-38.00000	-16.00000	-4.50000	0.032483	0.020266	
0.46046	*			-37.00000	-16.00000	-4.50000	0.034446	0.021984	
0.47173	*			-36.00000	-16.00000	-4.50000	0.036537	0.023864	
0.48297	*			-35.00000	-16.00000	-4.50000	0.038763	0.025926	
0.49415	*			-34.00000	-16.00000	-4.50000	0.041132	0.028186	
0.50522	*			-33.00000	-16.00000	-4.50000	0.043651	0.030665	
0.51611	*			-32.00000	-16.00000	-4.50000	0.046328	0.033385	
0.52678	*			-31.00000	-16.00000	-4.50000	0.049170	0.036370	
0.53715	*			-30.00000	-16.00000	-4.50000	0.052183	0.039647	
0.54716	*			-29.00000	-16.00000	-4.50000	0.055374	0.043244	
0.55673	*			-28.00000	-16.00000	-4.50000	0.058748	0.047194	
0.56577	*			-27.00000	-16.00000	-4.50000	0.062308	0.051529	
0.57420	*			-26.00000	-16.00000	-4.50000	0.066058	0.056286	
0.58192	*			-25.00000	-16.00000	-4.50000	0.069996	0.061506	
0.58883	*			-24.00000	-16.00000	-4.50000	0.074121	0.067228	
0.59483	*			-23.00000	-16.00000	-4.50000	0.078428	0.073498	
0.59981	*			-22.00000	-16.00000	-4.50000	0.082907	0.080362	
0.60365	*			-21.00000	-16.00000	-4.50000	0.087545	0.087868	
0.60625	*			-20.00000	-16.00000	-4.50000	0.092322	0.096066	
0.60750	*			-19.00000	-16.00000	-4.50000	0.097214	0.10501	
0.60727	*			-18.00000	-16.00000	-4.50000	0.10219	0.11474	
0.60548	*			-17.00000	-16.00000	-4.50000	0.10720	0.12531	
0.60202	*			-16.00000	-16.00000	-4.50000	0.11221	0.13676	
0.59680	*			-15.00000	-16.00000	-4.50000	0.11714	0.14914	
0.58975	*			-14.00000	-16.00000	-4.50000	0.12194	0.16248	
				-13.00000	-16.00000	-4.50000	0.12651	0.17680	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.58081	*			-12.00000	-16.00000	-4.50000	0.13077	0.19211	
0.56996	*			-11.00000	-16.00000	-4.50000	0.13460	0.20841	
0.55719	*			-10.00000	-16.00000	-4.50000	0.13789	0.22566	
0.54252	*			-9.00000	-16.00000	-4.50000	0.14051	0.24383	
0.52603	*			-8.00000	-16.00000	-4.50000	0.14847	0.28048	
0.51481	*			-7.00000	-16.00000	-4.50000	0.16952	0.37287	
0.51065	*			-6.00000	-16.00000	-4.50000	0.18194	0.46640	
0.50080	*			-5.00000	-16.00000	-4.50000	0.18610	0.55925	
0.48729	*			-4.00000	-16.00000	-4.50000	0.18258	0.64921	
0.47141	*			-3.00000	-16.00000	-4.50000	0.17221	0.73378	
0.45393	*			-2.00000	-16.00000	-4.50000	0.15604	0.81022	
0.43528	*			-1.00000	-16.00000	-4.50000	0.13532	0.87558	
0.41572	*			0.00000	-16.00000	-4.50000	0.11148	0.92686	
0.39547	*			1.00000	-16.00000	-4.50000	0.10073	1.1918	
0.40713	*			2.00000	-16.00000	-4.50000	0.088483	1.2076	
0.38768	*			3.00000	-16.00000	-4.50000	0.074864	1.2215	
0.37034	*			4.00000	-16.00000	-4.50000	0.060044	1.2331	
0.35550	*			5.00000	-16.00000	-4.50000	0.044227	1.2422	
0.34347	*			6.00000	-16.00000	-4.50000	0.027645	1.2486	
0.33452	*			7.00000	-16.00000	-4.50000	0.010550	1.2523	
0.32885	*			8.00000	-16.00000	-4.50000	-0.0067942	1.2531	
0.32658	*			9.00000	-16.00000	-4.50000	-0.024118	1.2510	
0.32775	*			10.00000	-16.00000	-4.50000	-0.041151	1.2460	
0.33234	*			11.00000	-16.00000	-4.50000	-0.057631	1.2381	
0.34025	*			12.00000	-16.00000	-4.50000	-0.073307	1.2277	
0.35129	*			13.00000	-16.00000	-4.50000	-0.087946	1.2147	
0.36521	*			14.00000	-16.00000	-4.50000	-0.10134	1.1995	
0.38172	*			15.00000	-16.00000	-4.50000	-0.11331	1.1823	
0.40045	*			16.00000	-16.00000	-4.50000	-0.12371	1.1634	
0.42098	*			17.00000	-16.00000	-4.50000	-0.13244	1.1432	
0.44288	*			18.00000	-16.00000	-4.50000	-0.14124	0.87143	
0.43270	*			19.00000	-16.00000	-4.50000	-0.16109	0.81540	
0.45360	*			20.00000	-16.00000	-4.50000	-0.17758	0.74631	
0.47300	*			21.00000	-16.00000	-4.50000	-0.18936	0.66715	
0.49071	*			22.00000	-16.00000	-4.50000	-0.19527	0.58082	
0.50649	*								



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No. Sheet No. Rev.

517419

Drg. Ref.

Made by
HM

Date
20-Dec-2022

Checked

Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.51991	*			23.00000	-16.00000	-4.50000	-0.19435	0.49004	
0.53023	*			24.00000	-16.00000	-4.50000	-0.18584	0.39720	
0.53613	*			25.00000	-16.00000	-4.50000	-0.16925	0.30442	
0.53558	*			26.00000	-16.00000	-4.50000	-0.14425	0.21342	
0.54466	*			27.00000	-16.00000	-4.50000	-0.13651	0.18702	
0.55642	*			28.00000	-16.00000	-4.50000	-0.13149	0.17081	
0.56613	*			29.00000	-16.00000	-4.50000	-0.12611	0.15577	
0.57382	*			30.00000	-16.00000	-4.50000	-0.12051	0.14189	
0.46923	*			-40.00000	-9.00000	-4.50000	0.039376	0.017657	
0.48147	*			-39.00000	-9.00000	-4.50000	0.042174	0.019330	
0.49369	*			-38.00000	-9.00000	-4.50000	0.045208	0.021188	
0.50582	*			-37.00000	-9.00000	-4.50000	0.048499	0.023256	
0.51779	*			-36.00000	-9.00000	-4.50000	0.052071	0.025559	
0.52952	*			-35.00000	-9.00000	-4.50000	0.055949	0.028128	
0.54093	*			-34.00000	-9.00000	-4.50000	0.060163	0.030996	
0.55189	*			-33.00000	-9.00000	-4.50000	0.064742	0.034203	
0.56230	*			-32.00000	-9.00000	-4.50000	0.069720	0.037793	
0.57203	*			-31.00000	-9.00000	-4.50000	0.075132	0.041817	
0.58091	*			-30.00000	-9.00000	-4.50000	0.081018	0.046332	
0.58878	*			-29.00000	-9.00000	-4.50000	0.087419	0.051403	
0.59546	*			-28.00000	-9.00000	-4.50000	0.094377	0.057105	
0.60072	*			-27.00000	-9.00000	-4.50000	0.10194	0.063522	
0.60435	*			-26.00000	-9.00000	-4.50000	0.11015	0.070750	
0.60608	*			-25.00000	-9.00000	-4.50000	0.11906	0.078898	
0.60563	*			-24.00000	-9.00000	-4.50000	0.12872	0.088086	
0.60269	*			-23.00000	-9.00000	-4.50000	0.13918	0.098453	
0.59694	*			-22.00000	-9.00000	-4.50000	0.15048	0.11015	
0.58800	*			-21.00000	-9.00000	-4.50000	0.16266	0.12336	
0.57549	*			-20.00000	-9.00000	-4.50000	0.17576	0.13825	
0.55899	*			-19.00000	-9.00000	-4.50000	0.18979	0.15505	
0.53807	*			-18.00000	-9.00000	-4.50000	0.20477	0.17397	
0.51228	*			-17.00000	-9.00000	-4.50000	0.22069	0.19527	
0.48490	*			-16.00000	-9.00000	-4.50000	0.24047	0.22447	
0.48784	*			-15.00000	-9.00000	-4.50000	0.36731	0.36101	
0.47843	*			-14.00000	-9.00000	-4.50000	0.52626	0.53282	
				-13.00000	-9.00000	-4.50000	0.66236	0.71802	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.45593	*			-12.00000	-9.00000	-4.50000	0.77368	0.91630	
0.43044	*			-11.00000	-9.00000	-4.50000	0.85819	1.1270	
0.40761	*			-10.00000	-9.00000	-4.50000	0.91386	1.3490	
0.38923	*			-9.00000	-9.00000	-4.50000	0.93865	1.5808	
0.37388	*			-8.00000	-9.00000	-4.50000	0.95904	1.8486	
0.37195	*			-7.00000	-9.00000	-4.50000	0.95469	2.1311	
0.37393	*			-6.00000	-9.00000	-4.50000	0.92498	2.4253	
0.37613	*			-5.00000	-9.00000	-4.50000	0.88917	3.1027	
0.42866	*			-4.00000	-9.00000	-4.50000	0.83402	3.3855	
0.41998	*			-3.00000	-9.00000	-4.50000	0.75273	3.6839	
0.40157	*			-2.00000	-9.00000	-4.50000	0.64713	3.9897	
0.36901	*			-1.00000	-9.00000	-4.50000	0.52107	4.2916	
0.31837	*			0.00000	-9.00000	-4.50000	0.38026	4.1726	
0.19127	*			1.00000	-9.00000	-4.50000	0.34994	4.5355	
0.46728	*			2.00000	-9.00000	-4.50000	0.31231	4.5981	
0.36002	*			3.00000	-9.00000	-4.50000	0.26806	4.6533	
0.26460	*			4.00000	-9.00000	-4.50000	0.21820	4.6998	
0.18341	*			5.00000	-9.00000	-4.50000	0.16388	4.7365	
0.11831	*			6.00000	-9.00000	-4.50000	0.10632	4.7626	
0.070677	*			7.00000	-9.00000	-4.50000	0.046715	4.7778	
0.041378	*			8.00000	-9.00000	-4.50000	-0.013803	4.7818	
0.030864	*			9.00000	-9.00000	-4.50000	-0.074172	4.7745	
0.039230	*			10.00000	-9.00000	-4.50000	-0.13339	4.7563	
0.066265	*			11.00000	-9.00000	-4.50000	-0.19048	4.7273	
0.11148	*			12.00000	-9.00000	-4.50000	-0.24445	4.6880	
0.17409	*			13.00000	-9.00000	-4.50000	-0.29430	4.6392	
0.25299	*			14.00000	-9.00000	-4.50000	-0.33900	4.5815	
0.34669	*			15.00000	-9.00000	-4.50000	-0.37755	4.5162	
0.45329	*			16.00000	-9.00000	-4.50000	-0.40908	4.4446	
0.57044	*			17.00000	-9.00000	-4.50000	-0.43291	4.3684	
0.69538	*			18.00000	-9.00000	-4.50000	-0.46302	3.1515	
0.31584	*			19.00000	-9.00000	-4.50000	-0.58845	2.8568	
0.39342	*			20.00000	-9.00000	-4.50000	-0.69840	2.5493	
0.44611	*			21.00000	-9.00000	-4.50000	-0.78765	2.2420	
0.47721	*			22.00000	-9.00000	-4.50000	-0.85295	1.9458	
0.49097	*								



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.49216	*			23.00000	-9.00000	-4.50000	-0.89296	1.6684	
0.48574	*			24.00000	-9.00000	-4.50000	-0.90802	1.4144	
0.47646	*			25.00000	-9.00000	-4.50000	-0.89962	1.1862	
0.46848	*			26.00000	-9.00000	-4.50000	-0.86988	0.98401	
0.46623	*			27.00000	-9.00000	-4.50000	-0.82402	0.80980	
0.47559	*			28.00000	-9.00000	-4.50000	-0.77727	0.67475	
0.48779	*			29.00000	-9.00000	-4.50000	-0.70823	0.55325	
0.50387	*			30.00000	-9.00000	-4.50000	-0.61976	0.44405	
0.50154	*			-40.00000	-2.00000	-4.50000	0.050423	0.015087	
0.51426	*			-39.00000	-2.00000	-4.50000	0.054525	0.016679	
0.52677	*			-38.00000	-2.00000	-4.50000	0.059040	0.018473	
0.53895	*			-37.00000	-2.00000	-4.50000	0.064016	0.020498	
0.55067	*			-36.00000	-2.00000	-4.50000	0.069508	0.022790	
0.56179	*			-35.00000	-2.00000	-4.50000	0.075579	0.025388	
0.57213	*			-34.00000	-2.00000	-4.50000	0.082299	0.028341	
0.58148	*			-33.00000	-2.00000	-4.50000	0.089750	0.031703	
0.58961	*			-32.00000	-2.00000	-4.50000	0.098023	0.035542	
0.59625	*			-31.00000	-2.00000	-4.50000	0.10722	0.039934	
0.60109	*			-30.00000	-2.00000	-4.50000	0.11747	0.044972	
0.60376	*			-29.00000	-2.00000	-4.50000	0.12889	0.050763	
0.60385	*			-28.00000	-2.00000	-4.50000	0.14164	0.057437	
0.60086	*			-27.00000	-2.00000	-4.50000	0.15590	0.065147	
0.59426	*			-26.00000	-2.00000	-4.50000	0.17186	0.074075	
0.58339	*			-25.00000	-2.00000	-4.50000	0.18974	0.084438	
0.56752	*			-24.00000	-2.00000	-4.50000	0.20978	0.096493	
0.54580	*			-23.00000	-2.00000	-4.50000	0.23226	0.11055	
0.51726	*			-22.00000	-2.00000	-4.50000	0.25749	0.12696	
0.51277	*			-21.00000	-2.00000	-4.50000	0.42552	0.19601	
0.48613	*			-20.00000	-2.00000	-4.50000	0.58645	0.27405	
0.45033	*			-19.00000	-2.00000	-4.50000	0.73752	0.36202	
0.41236	*			-18.00000	-2.00000	-4.50000	0.87700	0.46150	
0.41137	*			-17.00000	-2.00000	-4.50000	1.2038	0.58664	
0.39926	*			-16.00000	-2.00000	-4.50000	1.5367	0.73035	
0.38846	*			-15.00000	-2.00000	-4.50000	1.8466	0.89378	
0.38717	*			-14.00000	-2.00000	-4.50000	2.1292	1.0798	
				-13.00000	-2.00000	-4.50000	2.3986	1.3107	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.40984	*			-12.00000	-2.00000	-4.50000	2.6605	1.6008	
0.46547	*			-11.00000	-2.00000	-4.50000	2.8926	1.9361	
0.53654	*			-10.00000	-2.00000	-4.50000	3.0898	2.3191	
0.61019	*			-9.00000	-2.00000	-4.50000	3.2474	2.7496	
0.66805	*			-8.00000	-2.00000	-4.50000	3.3607	3.2243	
0.68654	*			-7.00000	-2.00000	-4.50000	3.4251	3.7361	
0.63720	*			-6.00000	-2.00000	-4.50000	3.4341	4.2752	
0.48719	*			-5.00000	-2.00000	-4.50000	3.4911	5.9164	
0.84087	*			-4.00000	-2.00000	-4.50000	3.4842	6.2820	
0.37177	*			-3.00000	-2.00000	-4.50000	3.3025	6.7442	
-0.26209	*			-2.00000	-2.00000	-4.50000	2.8195	7.3641	
-1.0822	*			-1.00000	-2.00000	-4.50000	2.2505	8.6465	
-1.6409	*			0.00000	-2.00000	-4.50000	1.3210	9.1070	
-2.7938	*			1.00000	-2.00000	-4.50000	1.2246	8.7022	
-3.8671	*			2.00000	-2.00000	-4.50000	1.0920	8.8759	
-4.5158	*			3.00000	-2.00000	-4.50000	0.92978	9.0244	
-5.0621	*			4.00000	-2.00000	-4.50000	0.74629	9.1438	
-5.4990	*			5.00000	-2.00000	-4.50000	0.54978	9.2322	
-5.8280	*			6.00000	-2.00000	-4.50000	0.34711	9.2892	
-6.0538	*			7.00000	-2.00000	-4.50000	0.14316	9.3156	
-6.1823	*			8.00000	-2.00000	-4.50000	-0.059008	9.3125	
-6.2190	*			9.00000	-2.00000	-4.50000	-0.25771	9.2810	
-6.1683	*			10.00000	-2.00000	-4.50000	-0.45200	9.2220	
-6.0329	*			11.00000	-2.00000	-4.50000	-0.64099	9.1361	
-5.8137	*			12.00000	-2.00000	-4.50000	-0.82319	9.0236	
-5.5100	*			13.00000	-2.00000	-4.50000	-0.99579	8.8850	
-5.1195	*			14.00000	-2.00000	-4.50000	-1.1542	8.7209	
-4.6392	*			15.00000	-2.00000	-4.50000	-1.2920	8.5333	
-4.0672	*			16.00000	-2.00000	-4.50000	-1.4016	8.3256	
-3.4050	*			17.00000	-2.00000	-4.50000	-1.4755	8.1035	
-2.6631	*			18.00000	-2.00000	-4.50000	-1.6233	5.7010	
-2.9286	*			19.00000	-2.00000	-4.50000	-2.4578	3.9847	
-2.3980	*			20.00000	-2.00000	-4.50000	-2.9571	2.7893	
-1.7841	*			21.00000	-2.00000	-4.50000	-3.3359	2.1973	
-0.99869	*			22.00000	-2.00000	-4.50000	-3.4372	1.7661	
-0.42005	*								



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No. Sheet No. Rev.

517419

Drg. Ref.

Made by
HM

Date
20-Dec-2022

Checked

Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
-0.022196	*			23.00000	-2.00000	-4.50000	-3.3809	1.4375	
0.22931	*			24.00000	-2.00000	-4.50000	-3.2339	1.1792	
0.36983	*			25.00000	-2.00000	-4.50000	-3.0340	0.97227	
0.43229	*			26.00000	-2.00000	-4.50000	-2.8033	0.80436	
0.44545	*			27.00000	-2.00000	-4.50000	-2.5553	0.66686	
0.43312	*			28.00000	-2.00000	-4.50000	-2.2978	0.55343	
0.41372	*			29.00000	-2.00000	-4.50000	-2.0359	0.45922	
0.40025	*			30.00000	-2.00000	-4.50000	-1.7722	0.38049	
0.52107	*			-40.00000	5.00000	-4.50000	0.059262	0.0088550	
0.53378	*			-39.00000	5.00000	-4.50000	0.064524	0.0098615	
0.54605	*			-38.00000	5.00000	-4.50000	0.070377	0.011007	
0.55774	*			-37.00000	5.00000	-4.50000	0.076901	0.012314	
0.56865	*			-36.00000	5.00000	-4.50000	0.084190	0.013811	
0.57856	*			-35.00000	5.00000	-4.50000	0.092350	0.015528	
0.58718	*			-34.00000	5.00000	-4.50000	0.10151	0.017505	
0.59422	*			-33.00000	5.00000	-4.50000	0.11181	0.019788	
0.59929	*			-32.00000	5.00000	-4.50000	0.12343	0.022433	
0.60196	*			-31.00000	5.00000	-4.50000	0.13658	0.025508	
0.60171	*			-30.00000	5.00000	-4.50000	0.15148	0.029093	
0.59791	*			-29.00000	5.00000	-4.50000	0.16841	0.033291	
0.58984	*			-28.00000	5.00000	-4.50000	0.18772	0.038223	
0.57664	*			-27.00000	5.00000	-4.50000	0.20979	0.044039	
0.55726	*			-26.00000	5.00000	-4.50000	0.23509	0.050926	
0.53047	*			-25.00000	5.00000	-4.50000	0.26417	0.059113	
0.49479	*			-24.00000	5.00000	-4.50000	0.29769	0.068887	
0.48055	*			-23.00000	5.00000	-4.50000	0.51213	0.084306	
0.44787	*			-22.00000	5.00000	-4.50000	0.79850	0.10406	
0.40229	*			-21.00000	5.00000	-4.50000	1.0908	0.12749	
0.35732	*			-20.00000	5.00000	-4.50000	1.3900	0.15545	
0.32110	*			-19.00000	5.00000	-4.50000	1.6973	0.18902	
0.30000	*			-18.00000	5.00000	-4.50000	2.0138	0.22953	
0.34020	*			-17.00000	5.00000	-4.50000	2.7157	0.27869	
0.36025	*			-16.00000	5.00000	-4.50000	3.4290	0.33863	
0.37493	*			-15.00000	5.00000	-4.50000	4.1544	0.41203	
0.38532	*			-14.00000	5.00000	-4.50000	4.8915	0.50222	
				-13.00000	5.00000	-4.50000	5.6382	0.61339	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.37844	*			-12.00000	5.00000	-4.50000	6.3896	0.75081	
0.32706	*			-11.00000	5.00000	-4.50000	7.1350	0.92148	
0.18951	*			-10.00000	5.00000	-4.50000	7.8541	1.1358	
-0.090342	*			-9.00000	5.00000	-4.50000	8.5057	1.4128	
-0.58342	*			-8.00000	5.00000	-4.50000	8.9938	1.7992	
-1.3776	*			-7.00000	5.00000	-4.50000	9.0136	2.4589	
-2.5861	*			-6.00000	5.00000	-4.50000	7.8393	4.7773	
-3.8791	*			-5.00000	5.00000	-4.50000	7.6270	8.2949	
-4.3229	*			-4.00000	5.00000	-4.50000	8.0590	8.4846	
-5.8037	*			-3.00000	5.00000	-4.50000	8.4363	8.6511	
-7.4401	*			-2.00000	5.00000	-4.50000	8.7550	8.7887	
-9.3796	*			-1.00000	5.00000	-4.50000	9.0107	8.8952	
-11.859	*			0.00000	5.00000	-4.50000	9.2009	6.8360	
-16.724	*			1.00000	5.00000	-4.50000	Point lies within an		
excavation.	*			2.00000	5.00000	-4.50000	Point lies within an		
excavation.	*			3.00000	5.00000	-4.50000	Point lies within an		
excavation.	*			4.00000	5.00000	-4.50000	Point lies within an		
excavation.	*			5.00000	5.00000	-4.50000	Point lies within an		
excavation.	*			6.00000	5.00000	-4.50000	Point lies within an		
excavation.	*			7.00000	5.00000	-4.50000	Point lies within an		
excavation.	*			8.00000	5.00000	-4.50000	Point lies within an		
excavation.	*			9.00000	5.00000	-4.50000	Point lies within an		
excavation.	*			10.00000	5.00000	-4.50000	Point lies within an		
excavation.	*			11.00000	5.00000	-4.50000	Point lies within an		
excavation.	*			12.00000	5.00000	-4.50000	Point lies within an		
excavation.	*			13.00000	5.00000	-4.50000	Point lies within an		
excavation.	*			14.00000	5.00000	-4.50000	Point lies within an		
excavation.	*			15.00000	5.00000	-4.50000	Point lies within an		
excavation.	*			16.00000	5.00000	-4.50000	Point lies within an		
excavation.	*			17.00000	5.00000	-4.50000	Point lies within an		
excavation.	*			18.00000	5.00000	-4.50000	-9.7628	1.2151	
-11.326	*			19.00000	5.00000	-4.50000	-9.3335	1.0644	
-7.3908	*			20.00000	5.00000	-4.50000	-8.8186	0.92140	
-4.8261	*			21.00000	5.00000	-4.50000	-8.2386	0.78922	
-3.0022	*			22.00000	5.00000	-4.50000	-7.6188	0.67011	
-1.7178	*								



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
-0.84649	*			23.00000	5.00000	-4.50000	-6.9832	0.56512	
-0.28938	*			24.00000	5.00000	-4.50000	-6.3505	0.47427	
0.036653	*			25.00000	5.00000	-4.50000	-5.7333	0.39681	
0.20178	*			26.00000	5.00000	-4.50000	-5.1386	0.33152	
0.26397	*			27.00000	5.00000	-4.50000	-4.5690	0.27694	
0.26946	*			28.00000	5.00000	-4.50000	-4.0244	0.23156	
0.25329	*			29.00000	5.00000	-4.50000	-3.5032	0.19396	
0.24004	*			30.00000	5.00000	-4.50000	-3.0030	0.16286	
0.52703	*			-40.00000	12.00000	-4.50000	0.062708	-50.265E-6	
0.53961	*			-39.00000	12.00000	-4.50000	0.068450	-47.430E-6	
0.55166	*			-38.00000	12.00000	-4.50000	0.074862	-43.478E-6	
0.56301	*			-37.00000	12.00000	-4.50000	0.082039	-38.190E-6	
0.57342	*			-36.00000	12.00000	-4.50000	0.090093	-31.320E-6	
0.58264	*			-35.00000	12.00000	-4.50000	0.099154	-22.593E-6	
0.59036	*			-34.00000	12.00000	-4.50000	0.10937	-11.710E-6	
0.59620	*			-33.00000	12.00000	-4.50000	0.12094	1.6458E-6	
0.59973	*			-32.00000	12.00000	-4.50000	0.13405	17.788E-6	
0.60042	*			-31.00000	12.00000	-4.50000	0.14897	37.002E-6	
0.59765	*			-30.00000	12.00000	-4.50000	0.16600	59.492E-6	
0.59067	*			-29.00000	12.00000	-4.50000	0.18550	85.309E-6	
0.57860	*			-28.00000	12.00000	-4.50000	0.20790	114.23E-6	
0.56037	*			-27.00000	12.00000	-4.50000	0.23372	145.56E-6	
0.53468	*			-26.00000	12.00000	-4.50000	0.26357	177.88E-6	
0.49997	*			-25.00000	12.00000	-4.50000	0.29822	208.62E-6	
0.45435	*			-24.00000	12.00000	-4.50000	0.33856	233.43E-6	
0.44486	*			-23.00000	12.00000	-4.50000	0.66320	245.33E-6	
0.40994	*			-22.00000	12.00000	-4.50000	1.0934	233.43E-6	
0.35984	*			-21.00000	12.00000	-4.50000	1.5334	181.12E-6	
0.31551	*			-20.00000	12.00000	-4.50000	1.9850	63.733E-6	
0.28978	*			-19.00000	12.00000	-4.50000	2.4504	-154.67E-6	
0.28708	*			-18.00000	12.00000	-4.50000	2.9323	-525.13E-6	
0.30294	*			-17.00000	12.00000	-4.50000	3.4336	-0.0011179	
0.32350	*			-16.00000	12.00000	-4.50000	3.9577	-0.0020260	
0.32480	*			-15.00000	12.00000	-4.50000	4.5077	-0.0033655	
0.27198	*			-14.00000	12.00000	-4.50000	5.0867	-0.0052681	
				-13.00000	12.00000	-4.50000	5.6963	-0.0078592	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.11842	*			-12.00000	12.00000	-4.50000	6.3359	-0.011211	
-0.19524	*			-11.00000	12.00000	-4.50000	7.0010	-0.015261	
-0.74198	*			-10.00000	12.00000	-4.50000	7.6816	-0.019697	
-1.6098	*			-9.00000	12.00000	-4.50000	8.3608	-0.023831	
-2.9053	*			-8.00000	12.00000	-4.50000	9.0149	-0.026536	
-4.7659	*			-7.00000	12.00000	-4.50000	9.6168	-0.026346	
-7.4058	*			-6.00000	12.00000	-4.50000	10.141	-0.021837	
-11.393	*			-5.00000	12.00000	-4.50000	Point lies within an		
excavation.	*			-4.00000	12.00000	-4.50000	Point lies within an		
excavation.	*			-3.00000	12.00000	-4.50000	Point lies within an		
excavation.	*			-2.00000	12.00000	-4.50000	Point lies within an		
excavation.	*			-1.00000	12.00000	-4.50000	Point lies within an		
excavation.	*			0.00000	12.00000	-4.50000	Point lies within an		
excavation.	*			1.00000	12.00000	-4.50000	Point lies within an		
excavation.	*			2.00000	12.00000	-4.50000	Point lies within an		
excavation.	*			3.00000	12.00000	-4.50000	Point lies within an		
excavation.	*			4.00000	12.00000	-4.50000	Point lies within an		
excavation.	*			5.00000	12.00000	-4.50000	Point lies within an		
excavation.	*			6.00000	12.00000	-4.50000	Point lies within an		
excavation.	*			7.00000	12.00000	-4.50000	Point lies within an		
excavation.	*			8.00000	12.00000	-4.50000	Point lies within an		
excavation.	*			9.00000	12.00000	-4.50000	Point lies within an		
excavation.	*			10.00000	12.00000	-4.50000	Point lies within an		
excavation.	*			11.00000	12.00000	-4.50000	Point lies within an		
excavation.	*			12.00000	12.00000	-4.50000	Point lies within an		
excavation.	*			13.00000	12.00000	-4.50000	Point lies within an		
excavation.	*			14.00000	12.00000	-4.50000	Point lies within an		
excavation.	*			15.00000	12.00000	-4.50000	Point lies within an		
excavation.	*			16.00000	12.00000	-4.50000	Point lies within an		
excavation.	*			17.00000	12.00000	-4.50000	Point lies within an		
-12.464	*			18.00000	12.00000	-4.50000	-10.161	-0.42347	
-8.3428	*			19.00000	12.00000	-4.50000	-9.6982	-0.38416	
-5.6115	*			20.00000	12.00000	-4.50000	-9.1469	-0.34155	
-3.6428	*			21.00000	12.00000	-4.50000	-8.5295	-0.29831	
-2.2355	*			22.00000	12.00000	-4.50000	-7.8727	-0.25664	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No. Sheet No. Rev.

517419

Drg. Ref.

Made by
HM

Date
20-Dec-2022

Checked

Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
-1.2618	*			23.00000	12.00000	-4.50000	-7.2018	-0.21806	
-0.62071	*			24.00000	12.00000	-4.50000	-6.5368	-0.18348	
-0.22659	*			25.00000	12.00000	-4.50000	-5.8906	-0.15325	
-0.0066984	*			26.00000	12.00000	-4.50000	-5.2706	-0.12735	
0.099323	*			27.00000	12.00000	-4.50000	-4.6792	-0.10548	
0.13978	*			28.00000	12.00000	-4.50000	-4.1162	-0.087227	
0.15150	*			29.00000	12.00000	-4.50000	-3.5795	-0.072108	
0.16046	*			30.00000	12.00000	-4.50000	-3.0665	-0.059653	
0.51948	*			-40.00000	19.00000	-4.50000	0.059288	-0.0089716	
0.53206	*			-39.00000	19.00000	-4.50000	0.064564	-0.0099755	
0.54420	*			-38.00000	19.00000	-4.50000	0.070433	-0.011117	
0.55575	*			-37.00000	19.00000	-4.50000	0.076978	-0.012417	
0.56649	*			-36.00000	19.00000	-4.50000	0.084290	-0.013904	
0.57621	*			-35.00000	19.00000	-4.50000	0.092480	-0.015608	
0.58463	*			-34.00000	19.00000	-4.50000	0.10167	-0.017567	
0.59144	*			-33.00000	19.00000	-4.50000	0.11202	-0.019826	
0.59626	*			-32.00000	19.00000	-4.50000	0.12369	-0.022439	
0.59864	*			-31.00000	19.00000	-4.50000	0.13689	-0.025472	
0.59806	*			-30.00000	19.00000	-4.50000	0.15186	-0.029005	
0.59390	*			-29.00000	19.00000	-4.50000	0.16888	-0.033134	
0.58543	*			-28.00000	19.00000	-4.50000	0.18828	-0.037977	
0.57177	*			-27.00000	19.00000	-4.50000	0.21045	-0.043679	
0.55189	*			-26.00000	19.00000	-4.50000	0.23587	-0.050416	
0.52456	*			-25.00000	19.00000	-4.50000	0.26509	-0.058408	
0.48828	*			-24.00000	19.00000	-4.50000	0.29875	-0.067925	
0.45996	*			-23.00000	19.00000	-4.50000	0.41691	-0.088445	
0.42824	*			-22.00000	19.00000	-4.50000	0.66451	-0.12780	
0.37647	*			-21.00000	19.00000	-4.50000	0.91328	-0.17313	
0.36501	*			-20.00000	19.00000	-4.50000	1.4258	-0.22566	
0.34717	*			-19.00000	19.00000	-4.50000	2.0521	-0.28697	
0.33549	*			-18.00000	19.00000	-4.50000	2.6794	-0.35900	
0.35240	*			-17.00000	19.00000	-4.50000	3.3069	-0.44425	
0.40764	*			-16.00000	19.00000	-4.50000	3.9335	-0.54581	
0.49815	*			-15.00000	19.00000	-4.50000	4.5567	-0.66766	
0.60791	*			-14.00000	19.00000	-4.50000	5.1721	-0.81482	
				-13.00000	19.00000	-4.50000	5.7727	-0.99372	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.70798	*			-12.00000	19.00000	-4.50000	6.3467	-1.2126	
0.75672	*			-11.00000	19.00000	-4.50000	6.8758	-1.4820	
0.70064	*			-10.00000	19.00000	-4.50000	7.3316	-1.8155	
0.47614	*			-9.00000	19.00000	-4.50000	7.7210	-2.2761	
0.071448	*			-8.00000	19.00000	-4.50000	8.0994	-2.9843	
-0.45588	*			-7.00000	19.00000	-4.50000	8.3451	-3.8598	
-1.2818	*			-6.00000	19.00000	-4.50000	8.4576	-4.8495	
-2.4830	*			-5.00000	19.00000	-4.50000	8.8400	-7.0285	
-3.2381	*			-4.00000	19.00000	-4.50000	9.2695	-7.2010	
-5.7877	*			-3.00000	19.00000	-4.50000	9.6030	-7.3623	
-9.4747	*			-2.00000	19.00000	-4.50000	Point lies within an		
excavation.	*			-1.00000	19.00000	-4.50000	Point lies within an		
excavation.	*			0.00000	19.00000	-4.50000	Point lies within an		
excavation.	*			1.00000	19.00000	-4.50000	Point lies within an		
excavation.	*			2.00000	19.00000	-4.50000	Point lies within an		
excavation.	*			3.00000	19.00000	-4.50000	Point lies within an		
excavation.	*			4.00000	19.00000	-4.50000	Point lies within an		
excavation.	*			5.00000	19.00000	-4.50000	Point lies within an		
excavation.	*			6.00000	19.00000	-4.50000	Point lies within an		
excavation.	*			7.00000	19.00000	-4.50000	Point lies within an		
excavation.	*			8.00000	19.00000	-4.50000	Point lies within an		
excavation.	*			9.00000	19.00000	-4.50000	Point lies within an		
excavation.	*			10.00000	19.00000	-4.50000	Point lies within an		
excavation.	*			11.00000	19.00000	-4.50000	Point lies within an		
excavation.	*			12.00000	19.00000	-4.50000	Point lies within an		
-14.886	*			13.00000	19.00000	-4.50000	-2.3372	-9.3679	
-13.147	*			14.00000	19.00000	-4.50000	-2.4528	-9.2405	
-11.627	*			15.00000	19.00000	-4.50000	-2.5286	-9.0815	
-10.117	*			16.00000	19.00000	-4.50000	-2.5622	-8.8947	
-8.4932	*			17.00000	19.00000	-4.50000	-2.5499	-8.6866	
-7.3963	*			18.00000	19.00000	-4.50000	-3.5472	-4.4805	
-5.0700	*			19.00000	19.00000	-4.50000	-5.9616	-1.9654	
-3.3860	*			20.00000	19.00000	-4.50000	-5.8916	-1.5549	
-2.1627	*			21.00000	19.00000	-4.50000	-5.5834	-1.2831	
-1.2837	*			22.00000	19.00000	-4.50000	-5.2014	-1.0657	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
-0.67209	*			23.00000	19.00000	-4.50000	-4.7917	-0.88524	
-0.26605	*			24.00000	19.00000	-4.50000	-4.3760	-0.73470	
-0.012840	*			25.00000	19.00000	-4.50000	-3.9659	-0.60958	
0.13243	*			26.00000	19.00000	-4.50000	-3.5675	-0.50602	
0.20711	*			27.00000	19.00000	-4.50000	-3.1836	-0.42057	
0.24123	*			28.00000	19.00000	-4.50000	-2.8148	-0.35018	
0.25774	*			29.00000	19.00000	-4.50000	-2.4606	-0.29218	
0.27288	*			30.00000	19.00000	-4.50000	-2.1198	-0.24434	
0.49858	*			-40.00000	26.00000	-4.50000	0.050431	-0.015243	
0.51109	*			-39.00000	26.00000	-4.50000	0.054554	-0.016843	
0.52336	*			-38.00000	26.00000	-4.50000	0.059093	-0.018645	
0.53528	*			-37.00000	26.00000	-4.50000	0.064099	-0.020678	
0.54672	*			-36.00000	26.00000	-4.50000	0.069630	-0.022978	
0.55751	*			-35.00000	26.00000	-4.50000	0.075748	-0.025584	
0.56749	*			-34.00000	26.00000	-4.50000	0.082527	-0.028544	
0.57644	*			-33.00000	26.00000	-4.50000	0.090050	-0.031914	
0.58412	*			-32.00000	26.00000	-4.50000	0.098413	-0.035759	
0.59025	*			-31.00000	26.00000	-4.50000	0.10772	-0.040157	
0.59451	*			-30.00000	26.00000	-4.50000	0.11811	-0.045199	
0.59652	*			-29.00000	26.00000	-4.50000	0.12970	-0.050992	
0.59585	*			-28.00000	26.00000	-4.50000	0.14267	-0.057665	
0.59199	*			-27.00000	26.00000	-4.50000	0.15720	-0.065370	
0.58437	*			-26.00000	26.00000	-4.50000	0.17350	-0.074288	
0.57232	*			-25.00000	26.00000	-4.50000	0.19180	-0.084635	
0.55506	*			-24.00000	26.00000	-4.50000	0.21239	-0.096667	
0.53170	*			-23.00000	26.00000	-4.50000	0.23556	-0.11069	
0.50119	*			-22.00000	26.00000	-4.50000	0.26167	-0.12707	
0.46234	*			-21.00000	26.00000	-4.50000	0.29111	-0.14624	
0.44875	*			-20.00000	26.00000	-4.50000	0.46388	-0.19724	
0.43737	*			-19.00000	26.00000	-4.50000	0.80646	-0.30829	
0.40377	*			-18.00000	26.00000	-4.50000	1.1342	-0.43196	
0.36956	*			-17.00000	26.00000	-4.50000	1.4453	-0.57005	
0.34946	*			-16.00000	26.00000	-4.50000	1.7410	-0.72843	
0.35283	*			-15.00000	26.00000	-4.50000	2.0284	-0.91896	
0.39468	*			-14.00000	26.00000	-4.50000	2.3692	-1.1404	
				-13.00000	26.00000	-4.50000	2.8536	-1.3999	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.46713	*			-12.00000	26.00000	-4.50000	3.3102	-1.6956	
0.53648	*			-11.00000	26.00000	-4.50000	3.7324	-2.0312	
0.60209	*			-10.00000	26.00000	-4.50000	4.1110	-2.4109	
0.65297	*			-9.00000	26.00000	-4.50000	4.4323	-2.8394	
0.66863	*			-8.00000	26.00000	-4.50000	4.6754	-3.3232	
0.62054	*			-7.00000	26.00000	-4.50000	4.8078	-3.8725	
0.47463	*			-6.00000	26.00000	-4.50000	4.7777	-4.5045	
0.19571	*			-5.00000	26.00000	-4.50000	4.6629	-6.1635	
0.17972	*			-4.00000	26.00000	-4.50000	4.4567	-7.2556	
-0.058337	*			-3.00000	26.00000	-4.50000	4.0040	-8.6124	
-0.30174	*			-2.00000	26.00000	-4.50000	3.8781	-8.3480	
-0.62687	*			-1.00000	26.00000	-4.50000	3.8622	-8.6510	
-1.1525	*			0.00000	26.00000	-4.50000	3.7226	-8.9787	
-1.7036	*			1.00000	26.00000	-4.50000	3.3879	-9.3672	
-2.3002	*			2.00000	26.00000	-4.50000	2.6684	-9.9224	
-2.9770	*			3.00000	26.00000	-4.50000	1.4201	-11.320	
-3.4155	*			4.00000	26.00000	-4.50000	0.16725	-9.4286	
-5.7700	*			5.00000	26.00000	-4.50000	-0.089434	-9.4349	
-5.8222	*			6.00000	26.00000	-4.50000	-0.33498	-9.4014	
-5.6186	*			7.00000	26.00000	-4.50000	-0.55663	-9.3314	
-5.1741	*			8.00000	26.00000	-4.50000	-1.8155	-5.3019	
-5.7336	*			9.00000	26.00000	-4.50000	-2.9470	-3.9597	
-4.9985	*			10.00000	26.00000	-4.50000	-7.0391	-7.3952	
-0.91254	*			11.00000	26.00000	-4.50000	-7.0869	-6.8298	
-0.36829	*			12.00000	26.00000	-4.50000	-6.9547	-6.3415	
-0.034180	*			13.00000	26.00000	-4.50000	-6.7206	-9.9354	
2.3889	*			14.00000	26.00000	-4.50000	-6.4220	-9.5109	
2.4447	*			15.00000	26.00000	-4.50000	-6.0798	-9.1034	
2.4215	*			16.00000	26.00000	-4.50000	-5.7061	-8.7099	
2.3522	*			17.00000	26.00000	-4.50000	-5.3089	-8.3292	
2.2644	*			18.00000	26.00000	-4.50000	-4.9149	-6.5907	
1.4288	*			19.00000	26.00000	-4.50000	-2.6215	-3.6012	
0.033600	*			20.00000	26.00000	-4.50000	-2.5050	-3.1202	
0.10624	*			21.00000	26.00000	-4.50000	-2.3560	-2.6631	
0.16723	*			22.00000	26.00000	-4.50000	-2.1711	-2.2439	
0.22021	*								



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.26423	*			23.00000	26.00000	-4.50000	-1.9506	-1.8696	
0.29361	*			24.00000	26.00000	-4.50000	-1.6974	-1.5422	
0.29774	*			25.00000	26.00000	-4.50000	-1.4157	-1.2601	
0.33186	*			26.00000	26.00000	-4.50000	-1.3245	-1.0594	
0.36424	*			27.00000	26.00000	-4.50000	-1.2636	-0.88910	
0.38735	*			28.00000	26.00000	-4.50000	-1.1768	-0.74000	
0.40874	*			29.00000	26.00000	-4.50000	-1.0685	-0.60942	
0.43312	*			30.00000	26.00000	-4.50000	-0.94231	-0.49487	
0.46530	*			-40.00000	33.00000	-4.50000	0.039300	-0.017837	
0.47728	*			-39.00000	33.00000	-4.50000	0.042109	-0.019526	
0.48922	*			-38.00000	33.00000	-4.50000	0.045156	-0.021404	
0.50104	*			-37.00000	33.00000	-4.50000	0.048465	-0.023494	
0.51268	*			-36.00000	33.00000	-4.50000	0.052059	-0.025822	
0.52405	*			-35.00000	33.00000	-4.50000	0.055966	-0.028420	
0.53505	*			-34.00000	33.00000	-4.50000	0.060216	-0.031324	
0.54557	*			-33.00000	33.00000	-4.50000	0.064841	-0.034572	
0.55549	*			-32.00000	33.00000	-4.50000	0.069876	-0.038211	
0.56467	*			-31.00000	33.00000	-4.50000	0.075359	-0.042293	
0.57294	*			-30.00000	33.00000	-4.50000	0.081332	-0.046878	
0.58014	*			-29.00000	33.00000	-4.50000	0.087840	-0.052035	
0.58606	*			-28.00000	33.00000	-4.50000	0.094930	-0.057841	
0.59047	*			-27.00000	33.00000	-4.50000	0.10265	-0.064387	
0.59314	*			-26.00000	33.00000	-4.50000	0.11106	-0.071774	
0.59378	*			-25.00000	33.00000	-4.50000	0.12022	-0.080119	
0.59210	*			-24.00000	33.00000	-4.50000	0.13017	-0.089554	
0.58777	*			-23.00000	33.00000	-4.50000	0.14097	-0.10023	
0.58040	*			-22.00000	33.00000	-4.50000	0.15269	-0.11232	
0.56963	*			-21.00000	33.00000	-4.50000	0.16537	-0.12602	
0.55500	*			-20.00000	33.00000	-4.50000	0.17905	-0.14154	
0.53607	*			-19.00000	33.00000	-4.50000	0.19377	-0.15914	
0.51233	*			-18.00000	33.00000	-4.50000	0.20953	-0.17907	
0.50949	*			-17.00000	33.00000	-4.50000	0.32124	-0.25291	
0.49211	*			-16.00000	33.00000	-4.50000	0.43623	-0.34292	
0.46679	*			-15.00000	33.00000	-4.50000	0.53677	-0.44220	
0.43980	*			-14.00000	33.00000	-4.50000	0.62081	-0.55172	
				-13.00000	33.00000	-4.50000	0.68610	-0.67243	

Job No.	Sheet No.	Rev.
517419		
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Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.41431	*			-12.00000	33.00000	-4.50000	0.78786	-0.83162	
0.40860	*			-11.00000	33.00000	-4.50000	0.96249	-1.0570	
0.42019	*			-10.00000	33.00000	-4.50000	1.1062	-1.3098	
0.43046	*			-9.00000	33.00000	-4.50000	1.2182	-1.6210	
0.45664	*			-8.00000	33.00000	-4.50000	1.2898	-1.9671	
0.49106	*			-7.00000	33.00000	-4.50000	1.3165	-2.3306	
0.53271	*			-6.00000	33.00000	-4.50000	1.2961	-2.7058	
0.57786	*			-5.00000	33.00000	-4.50000	1.2299	-3.1397	
0.63131	*			-4.00000	33.00000	-4.50000	1.1345	-3.5457	
0.67565	*			-3.00000	33.00000	-4.50000	1.0159	-3.9759	
0.72246	*			-2.00000	33.00000	-4.50000	0.93489	-5.1550	
1.1298	*			-1.00000	33.00000	-4.50000	0.85085	-5.4399	
1.1560	*			0.00000	33.00000	-4.50000	0.73298	-5.7410	
1.1915	*			1.00000	33.00000	-4.50000	0.58329	-6.0511	
1.2329	*			2.00000	33.00000	-4.50000	0.40656	-6.3591	
1.2759	*			3.00000	33.00000	-4.50000	0.21055	-6.6509	
1.3155	*			4.00000	33.00000	-4.50000	0.053975	-4.9305	
0.67812	*			5.00000	33.00000	-4.50000	-0.0095816	-4.9323	
0.67762	*			6.00000	33.00000	-4.50000	-0.071576	-4.9210	
0.69882	*			7.00000	33.00000	-4.50000	-0.12990	-4.8973	
0.74039	*			8.00000	33.00000	-4.50000	-0.28493	-3.4704	
0.14629	*			9.00000	33.00000	-4.50000	-0.46650	-3.1622	
0.13635	*			10.00000	33.00000	-4.50000	-0.62579	-2.8432	
0.11606	*			11.00000	33.00000	-4.50000	-0.75660	-2.5281	
0.089386	*			12.00000	33.00000	-4.50000	-0.85575	-2.2275	
0.060455	*			13.00000	33.00000	-4.50000	-0.92266	-3.3654	
0.24566	*			14.00000	33.00000	-4.50000	-0.95861	-3.1103	
0.22451	*			15.00000	33.00000	-4.50000	-0.96600	-2.8807	
0.21269	*			16.00000	33.00000	-4.50000	-2.1904	-4.0871	
0.58592	*			17.00000	33.00000	-4.50000	-2.0073	-3.7412	
0.51205	*			18.00000	33.00000	-4.50000	-1.7991	-2.9338	
0.39977	*			19.00000	33.00000	-4.50000	-1.5932	-2.5492	
0.38200	*			20.00000	33.00000	-4.50000	-1.3634	-2.1622	
0.38450	*			21.00000	33.00000	-4.50000	-1.1105	-1.7755	
0.39806	*			22.00000	33.00000	-4.50000	-0.83557	-1.3920	
0.40899	*								



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.39863	*			23.00000	33.00000	-4.50000	-0.53945	-1.0139	
0.40058	*			24.00000	33.00000	-4.50000	-0.40311	-0.76892	
0.43811	*			25.00000	33.00000	-4.50000	-0.38202	-0.63858	
0.47074	*			26.00000	33.00000	-4.50000	-0.35128	-0.51476	
0.49741	*			27.00000	33.00000	-4.50000	-0.31095	-0.39865	
0.51588	*			28.00000	33.00000	-4.50000	-0.26124	-0.29101	
0.52272	*			29.00000	33.00000	-4.50000	-0.20662	-0.19838	
0.54608	*			30.00000	33.00000	-4.50000	-0.19290	-0.17765	
0.42241	*			-40.00000	40.00000	-4.50000	0.028726	-0.017414	
0.43326	*			-39.00000	40.00000	-4.50000	0.030449	-0.018863	
0.44419	*			-38.00000	40.00000	-4.50000	0.032286	-0.020449	
0.45514	*			-37.00000	40.00000	-4.50000	0.034243	-0.022186	
0.46609	*			-36.00000	40.00000	-4.50000	0.036329	-0.024091	
0.47699	*			-35.00000	40.00000	-4.50000	0.038550	-0.026179	
0.48780	*			-34.00000	40.00000	-4.50000	0.040916	-0.028471	
0.49847	*			-33.00000	40.00000	-4.50000	0.043432	-0.030987	
0.50894	*			-32.00000	40.00000	-4.50000	0.046106	-0.033750	
0.51914	*			-31.00000	40.00000	-4.50000	0.048947	-0.036786	
0.52902	*			-30.00000	40.00000	-4.50000	0.051960	-0.040122	
0.53850	*			-29.00000	40.00000	-4.50000	0.055151	-0.043789	
0.54749	*			-28.00000	40.00000	-4.50000	0.058525	-0.047821	
0.55591	*			-27.00000	40.00000	-4.50000	0.062085	-0.052253	
0.56368	*			-26.00000	40.00000	-4.50000	0.065833	-0.057124	
0.57068	*			-25.00000	40.00000	-4.50000	0.069768	-0.062477	
0.57682	*			-24.00000	40.00000	-4.50000	0.073886	-0.068357	
0.58200	*			-23.00000	40.00000	-4.50000	0.078178	-0.074810	
0.58611	*			-22.00000	40.00000	-4.50000	0.082631	-0.081889	
0.58902	*			-21.00000	40.00000	-4.50000	0.087226	-0.089644	
0.59064	*			-20.00000	40.00000	-4.50000	0.091938	-0.098129	
0.59086	*			-19.00000	40.00000	-4.50000	0.096731	-0.10740	
0.58957	*			-18.00000	40.00000	-4.50000	0.10156	-0.11750	
0.58668	*			-17.00000	40.00000	-4.50000	0.10638	-0.12849	
0.58212	*			-16.00000	40.00000	-4.50000	0.11110	-0.14041	
0.57581	*			-15.00000	40.00000	-4.50000	0.11567	-0.15329	
0.56771	*			-14.00000	40.00000	-4.50000	0.11996	-0.16715	
				-13.00000	40.00000	-4.50000	0.12389	-0.18201	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.55782	*			-12.00000	40.00000	-4.50000	0.12731	-0.19784	
0.54616	*			-11.00000	40.00000	-4.50000	0.13009	-0.21461	
0.53277	*			-10.00000	40.00000	-4.50000	0.13208	-0.23224	
0.51778	*			-9.00000	40.00000	-4.50000	0.13963	-0.27768	
0.51028	*			-8.00000	40.00000	-4.50000	0.15062	-0.36049	
0.50525	*			-7.00000	40.00000	-4.50000	0.15442	-0.44064	
0.49579	*			-6.00000	40.00000	-4.50000	0.15170	-0.51592	
0.48332	*			-5.00000	40.00000	-4.50000	0.17462	-0.65844	
0.48961	*			-4.00000	40.00000	-4.50000	0.18490	-0.79608	
0.48709	*			-3.00000	40.00000	-4.50000	0.18324	-0.92360	
0.48073	*			-2.00000	40.00000	-4.50000	0.17773	-1.1905	
0.49645	*			-1.00000	40.00000	-4.50000	0.16578	-1.2890	
0.48878	*			0.00000	40.00000	-4.50000	0.14556	-1.3826	
0.48271	*			1.00000	40.00000	-4.50000	0.11833	-1.4684	
0.47831	*			2.00000	40.00000	-4.50000	0.085660	-1.5434	
0.47535	*			3.00000	40.00000	-4.50000	0.049363	-1.6042	
0.47349	*			4.00000	40.00000	-4.50000	0.018878	-1.4952	
0.44426	*			5.00000	40.00000	-4.50000	0.0026310	-1.4964	
0.44410	*			6.00000	40.00000	-4.50000	-0.013478	-1.4948	
0.44718	*			7.00000	40.00000	-4.50000	-0.029136	-1.4904	
0.45336	*			8.00000	40.00000	-4.50000	-0.059780	-1.1062	
0.41508	*			9.00000	40.00000	-4.50000	-0.094352	-1.0421	
0.42198	*			10.00000	40.00000	-4.50000	-0.12484	-0.96460	
0.42933	*			11.00000	40.00000	-4.50000	-0.14958	-0.87698	
0.43736	*			12.00000	40.00000	-4.50000	-0.16715	-0.78242	
0.44623	*			13.00000	40.00000	-4.50000	-0.17644	-0.68378	
0.45584	*			14.00000	40.00000	-4.50000	-0.17662	-0.58360	
0.46563	*			15.00000	40.00000	-4.50000	-0.16716	-0.48402	
0.47437	*			16.00000	40.00000	-4.50000	-0.14779	-0.38678	
0.47996	*			17.00000	40.00000	-4.50000	-0.12133	-0.29903	
0.47892	*			18.00000	40.00000	-4.50000	-0.12333	-0.28130	
0.49705	*			19.00000	40.00000	-4.50000	-0.12428	-0.26382	
0.51426	*			20.00000	40.00000	-4.50000	-0.12429	-0.24674	
0.53033	*			21.00000	40.00000	-4.50000	-0.12347	-0.23018	
0.54510	*			22.00000	40.00000	-4.50000	-0.12191	-0.21423	
0.55845	*								



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No. Sheet No. Rev.

517419

Drg. Ref.

Made by
HM

Date
20-Dec-2022

Checked

Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.57029	*			23.00000	40.00000	-4.50000	-0.11974	-0.19896	
0.58055	*			24.00000	40.00000	-4.50000	-0.11705	-0.18442	
0.58920	*			25.00000	40.00000	-4.50000	-0.11393	-0.17064	
0.59624	*			26.00000	40.00000	-4.50000	-0.11046	-0.15764	
0.60167	*			27.00000	40.00000	-4.50000	-0.10673	-0.14544	
0.60553	*			28.00000	40.00000	-4.50000	-0.10281	-0.13402	
0.60787	*			29.00000	40.00000	-4.50000	-0.098750	-0.12338	
0.60876	*			30.00000	40.00000	-4.50000	-0.094618	-0.11348	
0.33026	*	4	1 Braemar Ave Foundations	-40.00000	-30.00000	-0.60000	-0.45081	-0.40263	
0.33810	*			-39.00000	-30.00000	-0.60000	-0.45726	-0.41730	
0.34604	*			-38.00000	-30.00000	-0.60000	-0.46361	-0.43254	
0.35407	*			-37.00000	-30.00000	-0.60000	-0.46985	-0.44836	
0.36218	*			-36.00000	-30.00000	-0.60000	-0.47593	-0.46478	
0.37037	*			-35.00000	-30.00000	-0.60000	-0.48185	-0.48180	
0.37861	*			-34.00000	-30.00000	-0.60000	-0.48756	-0.49945	
0.38690	*			-33.00000	-30.00000	-0.60000	-0.49304	-0.51773	
0.39523	*			-32.00000	-30.00000	-0.60000	-0.49825	-0.53665	
0.40357	*			-31.00000	-30.00000	-0.60000	-0.50314	-0.55623	
0.41192	*			-30.00000	-30.00000	-0.60000	-0.50768	-0.57646	
0.42027	*			-29.00000	-30.00000	-0.60000	-0.51183	-0.59736	
0.42858	*			-28.00000	-30.00000	-0.60000	-0.51554	-0.61892	
0.43685	*			-27.00000	-30.00000	-0.60000	-0.51875	-0.64114	
0.44506	*			-26.00000	-30.00000	-0.60000	-0.52143	-0.66401	
0.45318	*			-25.00000	-30.00000	-0.60000	-0.52350	-0.68753	
0.46121	*			-24.00000	-30.00000	-0.60000	-0.52493	-0.71167	
0.46911	*			-23.00000	-30.00000	-0.60000	-0.52564	-0.73642	
0.47687	*			-22.00000	-30.00000	-0.60000	-0.52557	-0.76176	
0.48448	*			-21.00000	-30.00000	-0.60000	-0.52467	-0.78764	
0.49190	*			-20.00000	-30.00000	-0.60000	-0.52287	-0.81402	
0.49912	*			-19.00000	-30.00000	-0.60000	-0.52010	-0.84088	
0.50612	*			-18.00000	-30.00000	-0.60000	-0.51630	-0.86814	
0.51289	*			-17.00000	-30.00000	-0.60000	-0.51140	-0.89575	
0.51940	*			-16.00000	-30.00000	-0.60000	-0.50535	-0.92364	
0.52564	*			-15.00000	-30.00000	-0.60000	-0.49808	-0.95172	
0.53160	*			-14.00000	-30.00000	-0.60000	-0.48953	-0.97992	
				-13.00000	-30.00000	-0.60000	-0.47964	-1.0081	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.53725	*			-12.00000	-30.00000	-0.60000	-0.46838	-1.0363	
0.54260	*			-11.00000	-30.00000	-0.60000	-0.45569	-1.0642	
0.54763	*			-10.00000	-30.00000	-0.60000	-0.44154	-1.0918	
0.55233	*			-9.00000	-30.00000	-0.60000	-0.42591	-1.1189	
0.55670	*			-8.00000	-30.00000	-0.60000	-0.40877	-1.1455	
0.56074	*			-7.00000	-30.00000	-0.60000	-0.39012	-1.1713	
0.56444	*			-6.00000	-30.00000	-0.60000	-0.36996	-1.1963	
0.56781	*			-5.00000	-30.00000	-0.60000	-0.34831	-1.2202	
0.57084	*			-4.00000	-30.00000	-0.60000	-0.32521	-1.2430	
0.57356	*			-3.00000	-30.00000	-0.60000	-0.30070	-1.2644	
0.57596	*			-2.00000	-30.00000	-0.60000	-0.27484	-1.2844	
0.57805	*			-1.00000	-30.00000	-0.60000	-0.24771	-1.3027	
0.57984	*			0.00000	-30.00000	-0.60000	-0.21939	-1.3193	
0.58135	*			1.00000	-30.00000	-0.60000	-0.18999	-1.3341	
0.58258	*			2.00000	-30.00000	-0.60000	-0.15962	-1.3468	
0.58355	*			3.00000	-30.00000	-0.60000	-0.12842	-1.3574	
0.58426	*			4.00000	-30.00000	-0.60000	-0.096535	-1.3658	
0.58473	*			5.00000	-30.00000	-0.60000	-0.064105	-1.3720	
0.58496	*			6.00000	-30.00000	-0.60000	-0.031292	-1.3758	
0.58497	*			7.00000	-30.00000	-0.60000	0.0017383	-1.3773	
0.58476	*			8.00000	-30.00000	-0.60000	0.034819	-1.3764	
0.58433	*			9.00000	-30.00000	-0.60000	0.067780	-1.3731	
0.58368	*			10.00000	-30.00000	-0.60000	0.10045	-1.3675	
0.58283	*			11.00000	-30.00000	-0.60000	0.13267	-1.3595	
0.58176	*			12.00000	-30.00000	-0.60000	0.16428	-1.3493	
0.58047	*			13.00000	-30.00000	-0.60000	0.19512	-1.3369	
0.57896	*			14.00000	-30.00000	-0.60000	0.22504	-1.3224	
0.57723	*			15.00000	-30.00000	-0.60000	0.25393	-1.3059	
0.57525	*			16.00000	-30.00000	-0.60000	0.28166	-1.2876	
0.57303	*			17.00000	-30.00000	-0.60000	0.30812	-1.2675	
0.57056	*			18.00000	-30.00000	-0.60000	0.33323	-1.2459	
0.56783	*			19.00000	-30.00000	-0.60000	0.35690	-1.2228	
0.56482	*			20.00000	-30.00000	-0.60000	0.37908	-1.1985	
0.56154	*			21.00000	-30.00000	-0.60000	0.39973	-1.1731	
0.55797	*			22.00000	-30.00000	-0.60000	0.41881	-1.1467	
0.55410	*								



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No. Sheet No. Rev.

517419

Drg. Ref.

Made by
HM

Date
20-Dec-2022

Checked

Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.54994	*			23.00000	-30.00000	-0.60000	0.43632	-1.1195	
0.54548	*			24.00000	-30.00000	-0.60000	0.45225	-1.0916	
0.54071	*			25.00000	-30.00000	-0.60000	0.46662	-1.0633	
0.53565	*			26.00000	-30.00000	-0.60000	0.47945	-1.0346	
0.53029	*			27.00000	-30.00000	-0.60000	0.49078	-1.0057	
0.52464	*			28.00000	-30.00000	-0.60000	0.50064	-0.97669	
0.51871	*			29.00000	-30.00000	-0.60000	0.50910	-0.94770	
0.51250	*			30.00000	-30.00000	-0.60000	0.51621	-0.91884	
0.37966	*			-40.00000	-23.00000	-0.60000	-0.56190	-0.41797	
0.38924	*			-39.00000	-23.00000	-0.60000	-0.57319	-0.43570	
0.39893	*			-38.00000	-23.00000	-0.60000	-0.58458	-0.45428	
0.40872	*			-37.00000	-23.00000	-0.60000	-0.59603	-0.47377	
0.41859	*			-36.00000	-23.00000	-0.60000	-0.60752	-0.49419	
0.42853	*			-35.00000	-23.00000	-0.60000	-0.61903	-0.51560	
0.43850	*			-34.00000	-23.00000	-0.60000	-0.63050	-0.53802	
0.44849	*			-33.00000	-23.00000	-0.60000	-0.64191	-0.56152	
0.45848	*			-32.00000	-23.00000	-0.60000	-0.65320	-0.58611	
0.46843	*			-31.00000	-23.00000	-0.60000	-0.66434	-0.61186	
0.47832	*			-30.00000	-23.00000	-0.60000	-0.67526	-0.63878	
0.48812	*			-29.00000	-23.00000	-0.60000	-0.68590	-0.66694	
0.49779	*			-28.00000	-23.00000	-0.60000	-0.69620	-0.69635	
0.50730	*			-27.00000	-23.00000	-0.60000	-0.70607	-0.72705	
0.51660	*			-26.00000	-23.00000	-0.60000	-0.71544	-0.75907	
0.52568	*			-25.00000	-23.00000	-0.60000	-0.72421	-0.79244	
0.53447	*			-24.00000	-23.00000	-0.60000	-0.73229	-0.82717	
0.54295	*			-23.00000	-23.00000	-0.60000	-0.73957	-0.86326	
0.55108	*			-22.00000	-23.00000	-0.60000	-0.74593	-0.90074	
0.55880	*			-21.00000	-23.00000	-0.60000	-0.75126	-0.93957	
0.56609	*			-20.00000	-23.00000	-0.60000	-0.75543	-0.97976	
0.57291	*			-19.00000	-23.00000	-0.60000	-0.75829	-1.0213	
0.57921	*			-18.00000	-23.00000	-0.60000	-0.75970	-1.0640	
0.58496	*			-17.00000	-23.00000	-0.60000	-0.75951	-1.1080	
0.59014	*			-16.00000	-23.00000	-0.60000	-0.75756	-1.1531	
0.59472	*			-15.00000	-23.00000	-0.60000	-0.75371	-1.1992	
0.59868	*			-14.00000	-23.00000	-0.60000	-0.74778	-1.2462	
				-13.00000	-23.00000	-0.60000	-0.73961	-1.2940	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.60199	*			-12.00000	-23.00000	-0.60000	-0.72905	-1.3423	
0.60466	*			-11.00000	-23.00000	-0.60000	-0.71595	-1.3911	
0.60669	*			-10.00000	-23.00000	-0.60000	-0.70017	-1.4400	
0.60808	*			-9.00000	-23.00000	-0.60000	-0.68157	-1.4888	
0.60884	*			-8.00000	-23.00000	-0.60000	-0.66005	-1.5373	
0.60902	*			-7.00000	-23.00000	-0.60000	-0.63551	-1.5851	
0.60863	*			-6.00000	-23.00000	-0.60000	-0.60789	-1.6320	
0.60774	*			-5.00000	-23.00000	-0.60000	-0.57714	-1.6775	
0.60639	*			-4.00000	-23.00000	-0.60000	-0.54327	-1.7214	
0.60465	*			-3.00000	-23.00000	-0.60000	-0.50631	-1.7633	
0.60258	*			-2.00000	-23.00000	-0.60000	-0.46632	-1.8027	
0.60026	*			-1.00000	-23.00000	-0.60000	-0.42343	-1.8394	
0.59777	*			0.00000	-23.00000	-0.60000	-0.37778	-1.8730	
0.59520	*			1.00000	-23.00000	-0.60000	-0.32959	-1.9031	
0.59262	*			2.00000	-23.00000	-0.60000	-0.27908	-1.9294	
0.59011	*			3.00000	-23.00000	-0.60000	-0.22654	-1.9516	
0.58775	*			4.00000	-23.00000	-0.60000	-0.17230	-1.9695	
0.58560	*			5.00000	-23.00000	-0.60000	-0.11668	-1.9828	
0.58372	*			6.00000	-23.00000	-0.60000	-0.060086	-1.9913	
0.58217	*			7.00000	-23.00000	-0.60000	-0.0028934	-1.9950	
0.58098	*			8.00000	-23.00000	-0.60000	0.054484	-1.9938	
0.58016	*			9.00000	-23.00000	-0.60000	0.11163	-1.9876	
0.57974	*			10.00000	-23.00000	-0.60000	0.16814	-1.9766	
0.57970	*			11.00000	-23.00000	-0.60000	0.22360	-1.9608	
0.58003	*			12.00000	-23.00000	-0.60000	0.27764	-1.9404	
0.58070	*			13.00000	-23.00000	-0.60000	0.32988	-1.9156	
0.58166	*			14.00000	-23.00000	-0.60000	0.37999	-1.8866	
0.58286	*			15.00000	-23.00000	-0.60000	0.42767	-1.8538	
0.58423	*			16.00000	-23.00000	-0.60000	0.47267	-1.8175	
0.58571	*			17.00000	-23.00000	-0.60000	0.51476	-1.7780	
0.58720	*			18.00000	-23.00000	-0.60000	0.55378	-1.7358	
0.58864	*			19.00000	-23.00000	-0.60000	0.58959	-1.6912	
0.58994	*			20.00000	-23.00000	-0.60000	0.62212	-1.6446	
0.59102	*			21.00000	-23.00000	-0.60000	0.65134	-1.5964	
0.59181	*			22.00000	-23.00000	-0.60000	0.67724	-1.5470	
0.59222	*								

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.59220	*			23.00000	-23.00000	-0.60000	0.69988	-1.4967	
0.59170	*			24.00000	-23.00000	-0.60000	0.71933	-1.4460	
0.59066	*			25.00000	-23.00000	-0.60000	0.73570	-1.3951	
0.58904	*			26.00000	-23.00000	-0.60000	0.74914	-1.3444	
0.58683	*			27.00000	-23.00000	-0.60000	0.75978	-1.2940	
0.58400	*			28.00000	-23.00000	-0.60000	0.76781	-1.2442	
0.58055	*			29.00000	-23.00000	-0.60000	0.77340	-1.1953	
0.57648	*			30.00000	-23.00000	-0.60000	0.77672	-1.1474	
0.42791	*			-40.00000	-16.00000	-0.60000	-0.69167	-0.41129	
0.43908	*			-39.00000	-16.00000	-0.60000	-0.70998	-0.43144	
0.45034	*			-38.00000	-16.00000	-0.60000	-0.72878	-0.45279	
0.46165	*			-37.00000	-16.00000	-0.60000	-0.74806	-0.47542	
0.47298	*			-36.00000	-16.00000	-0.60000	-0.76780	-0.49942	
0.48429	*			-35.00000	-16.00000	-0.60000	-0.78801	-0.52486	
0.49553	*			-34.00000	-16.00000	-0.60000	-0.80865	-0.55185	
0.50666	*			-33.00000	-16.00000	-0.60000	-0.82970	-0.58049	
0.51763	*			-32.00000	-16.00000	-0.60000	-0.85113	-0.61086	
0.52837	*			-31.00000	-16.00000	-0.60000	-0.87290	-0.64309	
0.53882	*			-30.00000	-16.00000	-0.60000	-0.89496	-0.67729	
0.54890	*			-29.00000	-16.00000	-0.60000	-0.91725	-0.71356	
0.55855	*			-28.00000	-16.00000	-0.60000	-0.93969	-0.75203	
0.56766	*			-27.00000	-16.00000	-0.60000	-0.96221	-0.79282	
0.57617	*			-26.00000	-16.00000	-0.60000	-0.98470	-0.83606	
0.58396	*			-25.00000	-16.00000	-0.60000	-1.0070	-0.88187	
0.59095	*			-24.00000	-16.00000	-0.60000	-1.0291	-0.93037	
0.59702	*			-23.00000	-16.00000	-0.60000	-1.0507	-0.98169	
0.60207	*			-22.00000	-16.00000	-0.60000	-1.0718	-1.0359	
0.60598	*			-21.00000	-16.00000	-0.60000	-1.0920	-1.0932	
0.60864	*			-20.00000	-16.00000	-0.60000	-1.1111	-1.1536	
0.60994	*			-19.00000	-16.00000	-0.60000	-1.1290	-1.2173	
0.60977	*			-18.00000	-16.00000	-0.60000	-1.1453	-1.2842	
0.60802	*			-17.00000	-16.00000	-0.60000	-1.1598	-1.3544	
0.60459	*			-16.00000	-16.00000	-0.60000	-1.1720	-1.4280	
0.59940	*			-15.00000	-16.00000	-0.60000	-1.1816	-1.5048	
0.59237	*			-14.00000	-16.00000	-0.60000	-1.1883	-1.5849	
				-13.00000	-16.00000	-0.60000	-1.1915	-1.6681	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.58344	*			-12.00000	-16.00000	-0.60000	-1.1908	-1.7541	
0.57258	*			-11.00000	-16.00000	-0.60000	-1.1858	-1.8429	
0.55979	*			-10.00000	-16.00000	-0.60000	-1.1760	-1.9340	
0.54509	*			-9.00000	-16.00000	-0.60000	-1.1610	-2.0270	
0.52855	*			-8.00000	-16.00000	-0.60000	-1.1339	-2.1038	
0.51727	*			-7.00000	-16.00000	-0.60000	-1.0866	-2.1264	
0.51305	*			-6.00000	-16.00000	-0.60000	-1.0401	-2.1486	
0.50312	*			-5.00000	-16.00000	-0.60000	-0.99367	-2.1712	
0.48953	*			-4.00000	-16.00000	-0.60000	-0.94621	-2.1954	
0.47356	*			-3.00000	-16.00000	-0.60000	-0.89660	-2.2223	
0.45598	*			-2.00000	-16.00000	-0.60000	-0.84366	-2.2535	
0.43723	*			-1.00000	-16.00000	-0.60000	-0.78613	-2.2905	
0.41757	*			0.00000	-16.00000	-0.60000	-0.72278	-2.3348	
0.39722	*			1.00000	-16.00000	-0.60000	-0.63783	-2.1573	
0.40879	*			2.00000	-16.00000	-0.60000	-0.54647	-2.2194	
0.38925	*			3.00000	-16.00000	-0.60000	-0.44936	-2.2727	
0.37183	*			4.00000	-16.00000	-0.60000	-0.34734	-2.3162	
0.35692	*			5.00000	-16.00000	-0.60000	-0.24131	-2.3493	
0.34483	*			6.00000	-16.00000	-0.60000	-0.13233	-2.3714	
0.33584	*			7.00000	-16.00000	-0.60000	-0.021483	-2.3821	
0.33014	*			8.00000	-16.00000	-0.60000	0.090082	-2.3811	
0.32785	*			9.00000	-16.00000	-0.60000	0.20120	-2.3685	
0.32903	*			10.00000	-16.00000	-0.60000	0.31071	-2.3442	
0.33363	*			11.00000	-16.00000	-0.60000	0.41749	-2.3087	
0.34157	*			12.00000	-16.00000	-0.60000	0.52046	-2.2625	
0.35265	*			13.00000	-16.00000	-0.60000	0.61860	-2.2061	
0.36664	*			14.00000	-16.00000	-0.60000	0.71102	-2.1405	
0.38321	*			15.00000	-16.00000	-0.60000	0.79693	-2.0664	
0.40201	*			16.00000	-16.00000	-0.60000	0.87567	-1.9850	
0.42263	*			17.00000	-16.00000	-0.60000	0.94675	-1.8974	
0.44462	*			18.00000	-16.00000	-0.60000	1.0080	-2.0553	
0.43452	*			19.00000	-16.00000	-0.60000	1.0484	-1.9930	
0.45551	*			20.00000	-16.00000	-0.60000	1.0822	-1.9407	
0.47500	*			21.00000	-16.00000	-0.60000	1.1111	-1.8970	
0.49279	*			22.00000	-16.00000	-0.60000	1.1367	-1.8602	
0.50864	*								



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.52213	*			23.00000	-16.00000	-0.60000	1.1604	-1.8289	
0.53251	*			24.00000	-16.00000	-0.60000	1.1836	-1.8016	
0.53846	*			25.00000	-16.00000	-0.60000	1.2076	-1.7773	
0.53795	*			26.00000	-16.00000	-0.60000	1.2335	-1.7547	
0.54706	*			27.00000	-16.00000	-0.60000	1.2364	-1.6717	
0.55883	*			28.00000	-16.00000	-0.60000	1.2315	-1.5831	
0.56854	*			29.00000	-16.00000	-0.60000	1.2228	-1.4981	
0.57622	*			30.00000	-16.00000	-0.60000	1.2106	-1.4169	
0.47047	*			-40.00000	-9.00000	-0.60000	-0.83156	-0.37032	
0.48278	*			-39.00000	-9.00000	-0.60000	-0.85899	-0.39097	
0.49507	*			-38.00000	-9.00000	-0.60000	-0.88759	-0.41310	
0.50727	*			-37.00000	-9.00000	-0.60000	-0.91741	-0.43682	
0.51932	*			-36.00000	-9.00000	-0.60000	-0.94850	-0.46228	
0.53113	*			-35.00000	-9.00000	-0.60000	-0.98090	-0.48961	
0.54262	*			-34.00000	-9.00000	-0.60000	-1.0146	-0.51899	
0.55367	*			-33.00000	-9.00000	-0.60000	-1.0498	-0.55059	
0.56417	*			-32.00000	-9.00000	-0.60000	-1.0864	-0.58459	
0.57398	*			-31.00000	-9.00000	-0.60000	-1.1245	-0.62122	
0.58295	*			-30.00000	-9.00000	-0.60000	-1.1640	-0.66070	
0.59090	*			-29.00000	-9.00000	-0.60000	-1.2051	-0.70328	
0.59766	*			-28.00000	-9.00000	-0.60000	-1.2477	-0.74922	
0.60301	*			-27.00000	-9.00000	-0.60000	-1.2918	-0.79883	
0.60671	*			-26.00000	-9.00000	-0.60000	-1.3374	-0.85242	
0.60850	*			-25.00000	-9.00000	-0.60000	-1.3845	-0.91033	
0.60811	*			-24.00000	-9.00000	-0.60000	-1.4330	-0.97293	
0.60522	*			-23.00000	-9.00000	-0.60000	-1.4827	-1.0406	
0.59950	*			-22.00000	-9.00000	-0.60000	-1.5335	-1.1138	
0.59058	*			-21.00000	-9.00000	-0.60000	-1.5853	-1.1929	
0.57806	*			-20.00000	-9.00000	-0.60000	-1.6377	-1.2784	
0.56155	*			-19.00000	-9.00000	-0.60000	-1.6906	-1.3708	
0.54058	*			-18.00000	-9.00000	-0.60000	-1.7435	-1.4705	
0.51471	*			-17.00000	-9.00000	-0.60000	-1.7959	-1.5780	
0.48723	*			-16.00000	-9.00000	-0.60000	-1.8443	-1.6886	
0.49004	*			-15.00000	-9.00000	-0.60000	-1.7849	-1.7035	
0.48046	*			-14.00000	-9.00000	-0.60000	-1.6916	-1.6954	
				-13.00000	-9.00000	-0.60000	-1.6185	-1.6870	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.45776	*			-12.00000	-9.00000	-0.60000	-1.5661	-1.6790	
0.43204	*			-11.00000	-9.00000	-0.60000	-1.5350	-1.6726	
0.40896	*			-10.00000	-9.00000	-0.60000	-1.5257	-1.6690	
0.39030	*			-9.00000	-9.00000	-0.60000	-1.5381	-1.6700	
0.37465	*			-8.00000	-9.00000	-0.60000	-1.5436	-1.6489	
0.37242	*			-7.00000	-9.00000	-0.60000	-1.5601	-1.6263	
0.37410	*			-6.00000	-9.00000	-0.60000	-1.5852	-1.6041	
0.37601	*			-5.00000	-9.00000	-0.60000	-1.5968	-1.2091	
0.42828	*			-4.00000	-9.00000	-0.60000	-1.6050	-1.2163	
0.41935	*			-3.00000	-9.00000	-0.60000	-1.6136	-1.2119	
0.40074	*			-2.00000	-9.00000	-0.60000	-1.6181	-1.1999	
0.36802	*			-1.00000	-9.00000	-0.60000	-1.6128	-1.1861	
0.31724	*			0.00000	-9.00000	-0.60000	-1.5910	-1.5814	
0.19004	*			1.00000	-9.00000	-0.60000	-1.4280	-1.4768	
0.46599	*			2.00000	-9.00000	-0.60000	-1.2432	-1.6484	
0.35869	*			3.00000	-9.00000	-0.60000	-1.0390	-1.7976	
0.26326	*			4.00000	-9.00000	-0.60000	-0.81837	-1.9209	
0.18208	*			5.00000	-9.00000	-0.60000	-0.58467	-2.0158	
0.11702	*			6.00000	-9.00000	-0.60000	-0.34154	-2.0807	
0.069444	*			7.00000	-9.00000	-0.60000	-0.092633	-2.1143	
0.040220	*			8.00000	-9.00000	-0.60000	0.15848	-2.1162	
0.029802	*			9.00000	-9.00000	-0.60000	0.40836	-2.0866	
0.038282	*			10.00000	-9.00000	-0.60000	0.65370	-2.0258	
0.065447	*			11.00000	-9.00000	-0.60000	0.89126	-1.9349	
0.11080	*			12.00000	-9.00000	-0.60000	1.1179	-1.8151	
0.17355	*			13.00000	-9.00000	-0.60000	1.3304	-1.6683	
0.25258	*			14.00000	-9.00000	-0.60000	1.5259	-1.4966	
0.34640	*			15.00000	-9.00000	-0.60000	1.7014	-1.3031	
0.45311	*			16.00000	-9.00000	-0.60000	1.8546	-1.0913	
0.57035	*			17.00000	-9.00000	-0.60000	1.9835	-0.86536	
0.69538	*			18.00000	-9.00000	-0.60000	2.0727	-1.7678	
0.31593	*			19.00000	-9.00000	-0.60000	2.0332	-1.7422	
0.39359	*			20.00000	-9.00000	-0.60000	1.9769	-1.7303	
0.44637	*			21.00000	-9.00000	-0.60000	1.9117	-1.7244	
0.47759	*			22.00000	-9.00000	-0.60000	1.8443	-1.7187	
0.49148	*								



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No. Sheet No. Rev.

517419

Drg. Ref.

Made by
HM

Date
20-Dec-2022

Checked

Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.49283	*			23.00000	-9.00000	-0.60000	1.7799	-1.7090	
0.48659	*			24.00000	-9.00000	-0.60000	1.7224	-1.6929	
0.47751	*			25.00000	-9.00000	-0.60000	1.6742	-1.6696	
0.46974	*			26.00000	-9.00000	-0.60000	1.6368	-1.6392	
0.46769	*			27.00000	-9.00000	-0.60000	1.6081	-1.5996	
0.47726	*			28.00000	-9.00000	-0.60000	1.5754	-1.5388	
0.48963	*			29.00000	-9.00000	-0.60000	1.5623	-1.4816	
0.50587	*			30.00000	-9.00000	-0.60000	1.5675	-1.4280	
0.50297	*			-40.00000	-2.00000	-0.60000	-0.96319	-0.28491	
0.51578	*			-39.00000	-2.00000	-0.60000	-1.0006	-0.30258	
0.52837	*			-38.00000	-2.00000	-0.60000	-1.0402	-0.32170	
0.54063	*			-37.00000	-2.00000	-0.60000	-1.0820	-0.34241	
0.55245	*			-36.00000	-2.00000	-0.60000	-1.1262	-0.36489	
0.56365	*			-35.00000	-2.00000	-0.60000	-1.1729	-0.38932	
0.57408	*			-34.00000	-2.00000	-0.60000	-1.2225	-0.41590	
0.58353	*			-33.00000	-2.00000	-0.60000	-1.2749	-0.44488	
0.59175	*			-32.00000	-2.00000	-0.60000	-1.3305	-0.47650	
0.59848	*			-31.00000	-2.00000	-0.60000	-1.3896	-0.51107	
0.60340	*			-30.00000	-2.00000	-0.60000	-1.4522	-0.54893	
0.60614	*			-29.00000	-2.00000	-0.60000	-1.5187	-0.59045	
0.60629	*			-28.00000	-2.00000	-0.60000	-1.5894	-0.63606	
0.60336	*			-27.00000	-2.00000	-0.60000	-1.6645	-0.68626	
0.59679	*			-26.00000	-2.00000	-0.60000	-1.7443	-0.74159	
0.58593	*			-25.00000	-2.00000	-0.60000	-1.8292	-0.80268	
0.57005	*			-24.00000	-2.00000	-0.60000	-1.9195	-0.87025	
0.54829	*			-23.00000	-2.00000	-0.60000	-2.0154	-0.94511	
0.51968	*			-22.00000	-2.00000	-0.60000	-2.1173	-1.0282	
0.51507	*			-21.00000	-2.00000	-0.60000	-2.0856	-1.0706	
0.48828	*			-20.00000	-2.00000	-0.60000	-2.0710	-1.1179	
0.45228	*			-19.00000	-2.00000	-0.60000	-2.0767	-1.1708	
0.41409	*			-18.00000	-2.00000	-0.60000	-2.1049	-1.2300	
0.41283	*			-17.00000	-2.00000	-0.60000	-1.9570	-1.2839	
0.40044	*			-16.00000	-2.00000	-0.60000	-1.8143	-1.3421	
0.38935	*			-15.00000	-2.00000	-0.60000	-1.7058	-1.4067	
0.38780	*			-14.00000	-2.00000	-0.60000	-1.6351	-1.4777	
				-13.00000	-2.00000	-0.60000	-1.5870	-1.5363	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.41027	*			-12.00000	-2.00000	-0.60000	-1.5539	-1.5716	
0.46578	*			-11.00000	-2.00000	-0.60000	-1.5558	-1.6005	
0.53688	*			-10.00000	-2.00000	-0.60000	-1.5943	-1.6234	
0.61075	*			-9.00000	-2.00000	-0.60000	-1.6700	-1.6425	
0.66906	*			-8.00000	-2.00000	-0.60000	-1.7826	-1.6628	
0.68823	*			-7.00000	-2.00000	-0.60000	-1.9306	-1.6920	
0.63968	*			-6.00000	-2.00000	-0.60000	-2.1131	-1.7400	
0.49029	*			-5.00000	-2.00000	-0.60000	-2.2170	-0.73161	
0.84371	*			-4.00000	-2.00000	-0.60000	-2.3403	-1.0434	
0.37222	*			-3.00000	-2.00000	-0.60000	-2.5745	-1.2998	
-0.26776	*			-2.00000	-2.00000	-0.60000	-3.0200	-1.4324	
-1.0988	*			-1.00000	-2.00000	-0.60000	-3.4314	-0.92005	
-1.6721	*			0.00000	-2.00000	-0.60000	-4.0578	-1.2206	
-2.8406	*			1.00000	-2.00000	-0.60000	-3.6972	-2.3421	
-3.9290	*			2.00000	-2.00000	-0.60000	-3.2348	-2.8062	
-4.5921	*			3.00000	-2.00000	-0.60000	-2.6967	-3.1924	
-5.1494	*			4.00000	-2.00000	-0.60000	-2.1108	-3.4928	
-5.5923	*			5.00000	-2.00000	-0.60000	-1.5002	-3.7073	
-5.9233	*			6.00000	-2.00000	-0.60000	-0.88056	-3.8394	
-6.1497	*			7.00000	-2.00000	-0.60000	-0.26209	-3.8940	
-6.2789	*			8.00000	-2.00000	-0.60000	0.34908	-3.8756	
-6.3162	*			9.00000	-2.00000	-0.60000	0.94918	-3.7877	
-6.2661	*			10.00000	-2.00000	-0.60000	1.5357	-3.6332	
-6.1313	*			11.00000	-2.00000	-0.60000	2.1064	-3.4135	
-5.9129	*			12.00000	-2.00000	-0.60000	2.6585	-3.1289	
-5.6100	*			13.00000	-2.00000	-0.60000	3.1870	-2.7786	
-5.2196	*			14.00000	-2.00000	-0.60000	3.6831	-2.3613	
-4.7376	*			15.00000	-2.00000	-0.60000	4.1324	-1.8770	
-4.1596	*			16.00000	-2.00000	-0.60000	4.5135	-1.3295	
-3.4858	*			17.00000	-2.00000	-0.60000	4.8011	-0.73094	
-2.7280	*			18.00000	-2.00000	-0.60000	4.8590	-2.2768	
-2.9766	*			19.00000	-2.00000	-0.60000	4.0672	-3.1393	
-2.4291	*			20.00000	-2.00000	-0.60000	3.4657	-3.5201	
-1.8001	*			21.00000	-2.00000	-0.60000	2.8740	-3.3626	
-1.0041	*			22.00000	-2.00000	-0.60000	2.4874	-3.1218	
-0.41972	*								



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No. Sheet No. Rev.

517419

Drg. Ref.

Made by
HM

Date
20-Dec-2022

Checked

Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
-0.019794	*			23.00000	-2.00000	-0.60000	2.2184	-2.8583	
0.23187	*			24.00000	-2.00000	-0.60000	2.0248	-2.6003	
0.37186	*			25.00000	-2.00000	-0.60000	1.8854	-2.3599	
0.43373	*			26.00000	-2.00000	-0.60000	1.7885	-2.1413	
0.44649	*			27.00000	-2.00000	-0.60000	1.7267	-1.9450	
0.43399	*			28.00000	-2.00000	-0.60000	1.6949	-1.7699	
0.41463	*			29.00000	-2.00000	-0.60000	1.6889	-1.6143	
0.40132	*			30.00000	-2.00000	-0.60000	1.7059	-1.4760	
0.52264	*			-40.00000	5.00000	-0.60000	-1.0596	-0.15459	
0.53543	*			-39.00000	5.00000	-0.60000	-1.1053	-0.16493	
0.54780	*			-38.00000	5.00000	-0.60000	-1.1540	-0.17620	
0.55958	*			-37.00000	5.00000	-0.60000	-1.2058	-0.18851	
0.57058	*			-36.00000	5.00000	-0.60000	-1.2613	-0.20198	
0.58058	*			-35.00000	5.00000	-0.60000	-1.3205	-0.21675	
0.58930	*			-34.00000	5.00000	-0.60000	-1.3839	-0.23298	
0.59643	*			-33.00000	5.00000	-0.60000	-1.4520	-0.25084	
0.60159	*			-32.00000	5.00000	-0.60000	-1.5250	-0.27056	
0.60433	*			-31.00000	5.00000	-0.60000	-1.6036	-0.29237	
0.60414	*			-30.00000	5.00000	-0.60000	-1.6883	-0.31656	
0.60039	*			-29.00000	5.00000	-0.60000	-1.7797	-0.34344	
0.59235	*			-28.00000	5.00000	-0.60000	-1.8786	-0.37341	
0.57915	*			-27.00000	5.00000	-0.60000	-1.9856	-0.40691	
0.55974	*			-26.00000	5.00000	-0.60000	-2.1017	-0.44446	
0.53289	*			-25.00000	5.00000	-0.60000	-2.2279	-0.48668	
0.49712	*			-24.00000	5.00000	-0.60000	-2.3654	-0.53432	
0.48273	*			-23.00000	5.00000	-0.60000	-2.3397	-0.58453	
0.44986	*			-22.00000	5.00000	-0.60000	-2.2623	-0.64013	
0.40407	*			-21.00000	5.00000	-0.60000	-2.2017	-0.70357	
0.35888	*			-20.00000	5.00000	-0.60000	-2.1602	-0.77621	
0.32244	*			-19.00000	5.00000	-0.60000	-2.1401	-0.85967	
0.30121	*			-18.00000	5.00000	-0.60000	-2.1442	-0.95590	
0.34143	*			-17.00000	5.00000	-0.60000	-1.8005	-1.0672	
0.36176	*			-16.00000	5.00000	-0.60000	-1.4875	-1.1964	
0.37706	*			-15.00000	5.00000	-0.60000	-1.2089	-1.3466	
0.38844	*			-14.00000	5.00000	-0.60000	-0.96891	-1.5215	
				-13.00000	5.00000	-0.60000	-0.77169	-1.7252	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.38277	*			-12.00000	5.00000	-0.60000	-0.62177	-1.9615	
0.33210	*			-11.00000	5.00000	-0.60000	-0.52411	-2.2330	
0.19321	*			-10.00000	5.00000	-0.60000	-0.48591	-2.5381	
-0.092854	*			-9.00000	5.00000	-0.60000	-0.52409	-2.8634	
-0.60063	*			-8.00000	5.00000	-0.60000	-0.69657	-3.1612	
-1.4191	*			-7.00000	5.00000	-0.60000	-1.2563	-3.2541	
-2.6507	*			-6.00000	5.00000	-0.60000	-2.8728	-1.7249	
-3.9330	*			-5.00000	5.00000	-0.60000	-3.3508	1.0165	
-4.3424	*			-4.00000	5.00000	-0.60000	-3.0019	0.49845	
-5.8450	*			-3.00000	5.00000	-0.60000	-2.5379	0.068702	
-7.5494	*			-2.00000	5.00000	-0.60000	-1.9611	-0.25562	
-9.5565	*			-1.00000	5.00000	-0.60000	-1.2397	-0.47417	
-12.029	*			0.00000	5.00000	-0.60000	-0.32115	-2.7378	
-16.294	*			1.00000	5.00000	-0.60000	Point lies within an		
excavation.	*			2.00000	5.00000	-0.60000	Point lies within an		
excavation.	*			3.00000	5.00000	-0.60000	Point lies within an		
excavation.	*			4.00000	5.00000	-0.60000	Point lies within an		
excavation.	*			5.00000	5.00000	-0.60000	Point lies within an		
excavation.	*			6.00000	5.00000	-0.60000	Point lies within an		
excavation.	*			7.00000	5.00000	-0.60000	Point lies within an		
excavation.	*			8.00000	5.00000	-0.60000	Point lies within an		
excavation.	*			9.00000	5.00000	-0.60000	Point lies within an		
excavation.	*			10.00000	5.00000	-0.60000	Point lies within an		
excavation.	*			11.00000	5.00000	-0.60000	Point lies within an		
excavation.	*			12.00000	5.00000	-0.60000	Point lies within an		
excavation.	*			13.00000	5.00000	-0.60000	Point lies within an		
excavation.	*			14.00000	5.00000	-0.60000	Point lies within an		
excavation.	*			15.00000	5.00000	-0.60000	Point lies within an		
excavation.	*			16.00000	5.00000	-0.60000	Point lies within an		
excavation.	*			17.00000	5.00000	-0.60000	Point lies within an		
-11.121	*			18.00000	5.00000	-0.60000	2.4770	-3.7325	
-7.5348	*			19.00000	5.00000	-0.60000	2.7636	-3.3520	
-4.9452	*			20.00000	5.00000	-0.60000	2.7824	-2.9887	
-3.0593	*			21.00000	5.00000	-0.60000	2.6379	-2.6510	
-1.7335	*			22.00000	5.00000	-0.60000	2.4227	-2.3437	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
-0.84330	*			23.00000	5.00000	-0.60000	2.1980	-2.0689	
-0.28069	*			24.00000	5.00000	-0.60000	1.9980	-1.8261	
0.044874	*			25.00000	5.00000	-0.60000	1.8388	-1.6133	
0.20774	*			26.00000	5.00000	-0.60000	1.7263	-1.4278	
0.26772	*			27.00000	5.00000	-0.60000	1.6607	-1.2665	
0.27162	*			28.00000	5.00000	-0.60000	1.6393	-1.1264	
0.25455	*			29.00000	5.00000	-0.60000	1.6584	-1.0047	
0.24091	*			30.00000	5.00000	-0.60000	1.7140	-0.89870	
0.52864	*			-40.00000	12.00000	-0.60000	-1.0947	0.0048394	
0.54130	*			-39.00000	12.00000	-0.60000	-1.1436	0.0050202	
0.55345	*			-38.00000	12.00000	-0.60000	-1.1958	0.0052074	
0.56489	*			-37.00000	12.00000	-0.60000	-1.2517	0.0054011	
0.57540	*			-36.00000	12.00000	-0.60000	-1.3116	0.0056011	
0.58472	*			-35.00000	12.00000	-0.60000	-1.3759	0.0058075	
0.59253	*			-34.00000	12.00000	-0.60000	-1.4450	0.0060201	
0.59846	*			-33.00000	12.00000	-0.60000	-1.5195	0.0062391	
0.60207	*			-32.00000	12.00000	-0.60000	-1.5998	0.0064643	
0.60282	*			-31.00000	12.00000	-0.60000	-1.6867	0.0066959	
0.60011	*			-30.00000	12.00000	-0.60000	-1.7808	0.0069343	
0.59316	*			-29.00000	12.00000	-0.60000	-1.8830	0.0071803	
0.58110	*			-28.00000	12.00000	-0.60000	-1.9942	0.0074351	
0.56284	*			-27.00000	12.00000	-0.60000	-2.1155	0.0077012	
0.53710	*			-26.00000	12.00000	-0.60000	-2.2481	0.0079824	
0.50229	*			-25.00000	12.00000	-0.60000	-2.3935	0.0082850	
0.45653	*			-24.00000	12.00000	-0.60000	-2.5532	0.0086187	
0.44685	*			-23.00000	12.00000	-0.60000	-2.4518	0.0089985	
0.41171	*			-22.00000	12.00000	-0.60000	-2.2714	0.0094473	
0.36137	*			-21.00000	12.00000	-0.60000	-2.1121	0.0099995	
0.31682	*			-20.00000	12.00000	-0.60000	-1.9769	0.010707	
0.29098	*			-19.00000	12.00000	-0.60000	-1.8694	0.011645	
0.28834	*			-18.00000	12.00000	-0.60000	-1.7936	0.012926	
0.30460	*			-17.00000	12.00000	-0.60000	-1.7541	0.014714	
0.32606	*			-16.00000	12.00000	-0.60000	-1.7562	0.017241	
0.32888	*			-15.00000	12.00000	-0.60000	-1.8056	0.020837	
0.27809	*			-14.00000	12.00000	-0.60000	-1.9084	0.025955	
				-13.00000	12.00000	-0.60000	-2.0699	0.033186	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.12630	*			-12.00000	12.00000	-0.60000	-2.2938	0.043251	
-0.18805	*			-11.00000	12.00000	-0.60000	-2.5790	0.056909	
-0.74290	*			-10.00000	12.00000	-0.60000	-2.9149	0.074701	
-1.6350	*			-9.00000	12.00000	-0.60000	-3.2734	0.096424	
-2.9813	*			-8.00000	12.00000	-0.60000	-3.5974	0.12027	
-4.9165	*			-7.00000	12.00000	-0.60000	-3.7921	0.14186	
-7.5847	*			-6.00000	12.00000	-0.60000	-3.7387	0.15410	
-11.184	*			-5.00000	12.00000	-0.60000	Point lies within an		
excavation.	*			-4.00000	12.00000	-0.60000	Point lies within an		
excavation.	*			-3.00000	12.00000	-0.60000	Point lies within an		
excavation.	*			-2.00000	12.00000	-0.60000	Point lies within an		
excavation.	*			-1.00000	12.00000	-0.60000	Point lies within an		
excavation.	*			0.00000	12.00000	-0.60000	Point lies within an		
excavation.	*			1.00000	12.00000	-0.60000	Point lies within an		
excavation.	*			2.00000	12.00000	-0.60000	Point lies within an		
excavation.	*			3.00000	12.00000	-0.60000	Point lies within an		
excavation.	*			4.00000	12.00000	-0.60000	Point lies within an		
excavation.	*			5.00000	12.00000	-0.60000	Point lies within an		
excavation.	*			6.00000	12.00000	-0.60000	Point lies within an		
excavation.	*			7.00000	12.00000	-0.60000	Point lies within an		
excavation.	*			8.00000	12.00000	-0.60000	Point lies within an		
excavation.	*			9.00000	12.00000	-0.60000	Point lies within an		
excavation.	*			10.00000	12.00000	-0.60000	Point lies within an		
excavation.	*			11.00000	12.00000	-0.60000	Point lies within an		
excavation.	*			12.00000	12.00000	-0.60000	Point lies within an		
excavation.	*			13.00000	12.00000	-0.60000	Point lies within an		
excavation.	*			14.00000	12.00000	-0.60000	Point lies within an		
excavation.	*			15.00000	12.00000	-0.60000	Point lies within an		
excavation.	*			16.00000	12.00000	-0.60000	Point lies within an		
excavation.	*			17.00000	12.00000	-0.60000	Point lies within an		
excavation.	*			18.00000	12.00000	-0.60000	3.5105	1.0794	
-12.262	*			19.00000	12.00000	-0.60000	3.7247	0.99283	
-8.4899	*			20.00000	12.00000	-0.60000	3.6629	0.89867	
-5.7319	*			21.00000	12.00000	-0.60000	3.4337	0.80290	
-3.6993	*			22.00000	12.00000	-0.60000	3.1338	0.71016	
-2.2494	*								



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
-1.2565	*			23.00000	12.00000	-0.60000	2.8278	0.62360	
-0.61023	*			24.00000	12.00000	-0.60000	2.5523	0.54498	
-0.21706	*			25.00000	12.00000	-0.60000	2.3247	0.47497	
92.194E-6	*			26.00000	12.00000	-0.60000	2.1513	0.41351	
0.10352	*			27.00000	12.00000	-0.60000	2.0322	0.36007	
0.14214	*			28.00000	12.00000	-0.60000	1.9641	0.31391	
0.15278	*			29.00000	12.00000	-0.60000	1.9428	0.27418	
0.16127	*			30.00000	12.00000	-0.60000	1.9634	0.24005	
0.52104	*			-40.00000	19.00000	-0.60000	-1.0572	0.16402	
0.53371	*			-39.00000	19.00000	-0.60000	-1.1027	0.17471	
0.54594	*			-38.00000	19.00000	-0.60000	-1.1513	0.18635	
0.55758	*			-37.00000	19.00000	-0.60000	-1.2031	0.19905	
0.56841	*			-36.00000	19.00000	-0.60000	-1.2584	0.21292	
0.57823	*			-35.00000	19.00000	-0.60000	-1.3176	0.22810	
0.58674	*			-34.00000	19.00000	-0.60000	-1.3809	0.24475	
0.59364	*			-33.00000	19.00000	-0.60000	-1.4489	0.26305	
0.59854	*			-32.00000	19.00000	-0.60000	-1.5219	0.28321	
0.60099	*			-31.00000	19.00000	-0.60000	-1.6004	0.30547	
0.60048	*			-30.00000	19.00000	-0.60000	-1.6851	0.33010	
0.59636	*			-29.00000	19.00000	-0.60000	-1.7764	0.35743	
0.58792	*			-28.00000	19.00000	-0.60000	-1.8752	0.38784	
0.57426	*			-27.00000	19.00000	-0.60000	-1.9822	0.42176	
0.55434	*			-26.00000	19.00000	-0.60000	-2.0983	0.45969	
0.52694	*			-25.00000	19.00000	-0.60000	-2.2245	0.50226	
0.49055	*			-24.00000	19.00000	-0.60000	-2.3620	0.55015	
0.46207	*			-23.00000	19.00000	-0.60000	-2.4328	0.59507	
0.43014	*			-22.00000	19.00000	-0.60000	-2.3942	0.63058	
0.37812	*			-21.00000	19.00000	-0.60000	-2.3773	0.67125	
0.36638	*			-20.00000	19.00000	-0.60000	-2.1225	0.71787	
0.34826	*			-19.00000	19.00000	-0.60000	-1.7833	0.77133	
0.33635	*			-18.00000	19.00000	-0.60000	-1.4764	0.83259	
0.35314	*			-17.00000	19.00000	-0.60000	-1.2067	0.90271	
0.40850	*			-16.00000	19.00000	-0.60000	-0.98002	0.98273	
0.49951	*			-15.00000	19.00000	-0.60000	-0.80338	1.0736	
0.61029	*			-14.00000	19.00000	-0.60000	-0.68534	1.1758	
				-13.00000	19.00000	-0.60000	-0.63639	1.2890	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.71202	*			-12.00000	19.00000	-0.60000	-0.66964	1.4115	
0.76302	*			-11.00000	19.00000	-0.60000	-0.80167	1.5387	
0.70938	*			-10.00000	19.00000	-0.60000	-1.0535	1.6616	
0.48624	*			-9.00000	19.00000	-0.60000	-1.4033	1.7183	
0.079236	*			-8.00000	19.00000	-0.60000	-1.7700	1.5843	
-0.45879	*			-7.00000	19.00000	-0.60000	-2.2366	1.3278	
-1.3111	*			-6.00000	19.00000	-0.60000	-2.7482	0.98153	
-2.5626	*			-5.00000	19.00000	-0.60000	-2.8264	-0.55619	
-3.3905	*			-4.00000	19.00000	-0.60000	-2.5952	-0.11625	
-5.9838	*			-3.00000	19.00000	-0.60000	-2.0870	0.28645	
-9.4105	*			-2.00000	19.00000	-0.60000	Point lies within an		
excavation.	*			-1.00000	19.00000	-0.60000	Point lies within an		
excavation.	*			0.00000	19.00000	-0.60000	Point lies within an		
excavation.	*			1.00000	19.00000	-0.60000	Point lies within an		
excavation.	*			2.00000	19.00000	-0.60000	Point lies within an		
excavation.	*			3.00000	19.00000	-0.60000	Point lies within an		
excavation.	*			4.00000	19.00000	-0.60000	Point lies within an		
excavation.	*			5.00000	19.00000	-0.60000	Point lies within an		
excavation.	*			6.00000	19.00000	-0.60000	Point lies within an		
excavation.	*			7.00000	19.00000	-0.60000	Point lies within an		
excavation.	*			8.00000	19.00000	-0.60000	Point lies within an		
excavation.	*			9.00000	19.00000	-0.60000	Point lies within an		
excavation.	*			10.00000	19.00000	-0.60000	Point lies within an		
excavation.	*			11.00000	19.00000	-0.60000	Point lies within an		
excavation.	*			12.00000	19.00000	-0.60000	Point lies within an		
-14.756	*			13.00000	19.00000	-0.60000	6.6670	1.1824	
-13.058	*			14.00000	19.00000	-0.60000	7.0550	0.88574	
-11.497	*			15.00000	19.00000	-0.60000	7.3575	0.49186	
-9.9487	*			16.00000	19.00000	-0.60000	7.5781	0.0035737	
-8.3302	*			17.00000	19.00000	-0.60000	7.6918	-0.56407	
-7.3731	*			18.00000	19.00000	-0.60000	6.6041	2.8047	
-5.1260	*			19.00000	19.00000	-0.60000	3.8952	4.4731	
-3.4283	*			20.00000	19.00000	-0.60000	3.5009	4.0760	
-2.1819	*			21.00000	19.00000	-0.60000	3.2360	3.6111	
-1.2882	*			22.00000	19.00000	-0.60000	2.9948	3.1760	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
-0.67035	*			23.00000	19.00000	-0.60000	2.7745	2.7893	
-0.26284	*			24.00000	19.00000	-0.60000	2.5818	2.4522	
-0.010120	*			25.00000	19.00000	-0.60000	2.4209	2.1608	
0.13423	*			26.00000	19.00000	-0.60000	2.2930	1.9094	
0.20818	*			27.00000	19.00000	-0.60000	2.1976	1.6926	
0.24191	*			28.00000	19.00000	-0.60000	2.1327	1.5053	
0.25834	*			29.00000	19.00000	-0.60000	2.0961	1.3431	
0.27361	*			30.00000	19.00000	-0.60000	2.0854	1.2023	
0.50000	*			-40.00000	26.00000	-0.60000	-0.95831	0.29356	
0.51259	*			-39.00000	26.00000	-0.60000	-0.99557	0.31157	
0.52495	*			-38.00000	26.00000	-0.60000	-1.0349	0.33105	
0.53696	*			-37.00000	26.00000	-0.60000	-1.0765	0.35215	
0.54848	*			-36.00000	26.00000	-0.60000	-1.1205	0.37502	
0.55936	*			-35.00000	26.00000	-0.60000	-1.1671	0.39987	
0.56943	*			-34.00000	26.00000	-0.60000	-1.2164	0.42689	
0.57847	*			-33.00000	26.00000	-0.60000	-1.2687	0.45633	
0.58624	*			-32.00000	26.00000	-0.60000	-1.3241	0.48844	
0.59246	*			-31.00000	26.00000	-0.60000	-1.3830	0.52353	
0.59679	*			-30.00000	26.00000	-0.60000	-1.4455	0.56193	
0.59887	*			-29.00000	26.00000	-0.60000	-1.5119	0.60402	
0.59826	*			-28.00000	26.00000	-0.60000	-1.5825	0.65024	
0.59444	*			-27.00000	26.00000	-0.60000	-1.6577	0.70107	
0.58685	*			-26.00000	26.00000	-0.60000	-1.7377	0.75708	
0.57480	*			-25.00000	26.00000	-0.60000	-1.8228	0.81888	
0.55751	*			-24.00000	26.00000	-0.60000	-1.9134	0.88721	
0.53409	*			-23.00000	26.00000	-0.60000	-2.0099	0.96288	
0.50349	*			-22.00000	26.00000	-0.60000	-2.1127	1.0468	
0.46450	*			-21.00000	26.00000	-0.60000	-2.2220	1.1401	
0.45074	*			-20.00000	26.00000	-0.60000	-2.1987	1.2153	
0.43913	*			-19.00000	26.00000	-0.60000	-2.0171	1.2464	
0.40526	*			-18.00000	26.00000	-0.60000	-1.8625	1.2829	
0.37077	*			-17.00000	26.00000	-0.60000	-1.7378	1.3257	
0.35037	*			-16.00000	26.00000	-0.60000	-1.6419	1.3719	
0.35346	*			-15.00000	26.00000	-0.60000	-1.5686	1.4132	
0.39510	*			-14.00000	26.00000	-0.60000	-1.4561	1.4545	
				-13.00000	26.00000	-0.60000	-1.2139	1.4933	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.46748	*			-12.00000	26.00000	-0.60000	-1.0122	1.5362	
0.53695	*			-11.00000	26.00000	-0.60000	-0.85528	1.5848	
0.60294	*			-10.00000	26.00000	-0.60000	-0.74830	1.6410	
0.65444	*			-9.00000	26.00000	-0.60000	-0.69816	1.7058	
0.67081	*			-8.00000	26.00000	-0.60000	-0.71509	1.7783	
0.62308	*			-7.00000	26.00000	-0.60000	-0.81611	1.8524	
0.47630	*			-6.00000	26.00000	-0.60000	-1.0309	1.9122	
0.19404	*			-5.00000	26.00000	-0.60000	-1.2534	1.0090	
0.17100	*			-4.00000	26.00000	-0.60000	-1.4573	0.72303	
-0.078160	*			-3.00000	26.00000	-0.60000	-1.7670	0.19797	
-0.33565	*			-2.00000	26.00000	-0.60000	-1.5898	1.2846	
-0.67626	*			-1.00000	26.00000	-0.60000	-1.1416	1.7557	
-1.2177	*			0.00000	26.00000	-0.60000	-0.67196	2.1203	
-1.7840	*			1.00000	26.00000	-0.60000	-0.27464	2.3189	
-2.3950	*			2.00000	26.00000	-0.60000	-0.15896	2.2310	
-3.0835	*			3.00000	26.00000	-0.60000	-0.48282	1.1691	
-3.5237	*			4.00000	26.00000	-0.60000	-0.73955	3.2515	
-5.8632	*			5.00000	26.00000	-0.60000	0.035219	3.2781	
-5.8982	*			6.00000	26.00000	-0.60000	0.79689	3.1819	
-5.6846	*			7.00000	26.00000	-0.60000	1.4907	2.9719	
-5.2382	*			8.00000	26.00000	-0.60000	1.0056	6.6006	
-5.7950	*			9.00000	26.00000	-0.60000	0.49112	7.4572	
-5.0444	*			10.00000	26.00000	-0.60000	-3.1258	3.4823	
-0.93894	*			11.00000	26.00000	-0.60000	-2.8145	3.4742	
-0.37992	*			12.00000	26.00000	-0.60000	-2.4160	3.3674	
-0.037081	*			13.00000	26.00000	-0.60000	-1.9912	-0.83424	
2.3902	*			14.00000	26.00000	-0.60000	-1.5659	-1.0225	
2.4476	*			15.00000	26.00000	-0.60000	-1.1520	-1.2259	
2.4245	*			16.00000	26.00000	-0.60000	-0.75496	-1.4349	
2.3547	*			17.00000	26.00000	-0.60000	-0.37750	-1.6426	
2.2661	*			18.00000	26.00000	-0.60000	-0.041957	-0.47294	
1.4298	*			19.00000	26.00000	-0.60000	2.1584	1.9727	
0.033973	*			20.00000	26.00000	-0.60000	2.1520	1.9400	
0.10620	*			21.00000	26.00000	-0.60000	2.1537	1.9173	
0.16696	*			22.00000	26.00000	-0.60000	2.1725	1.8937	
0.21985	*								



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.26392	*			23.00000	26.00000	-0.60000	2.2141	1.8631	
0.29347	*			24.00000	26.00000	-0.60000	2.2810	1.8234	
0.29784	*			25.00000	26.00000	-0.60000	2.3738	1.7748	
0.33227	*			26.00000	26.00000	-0.60000	2.2771	1.6789	
0.36497	*			27.00000	26.00000	-0.60000	2.1542	1.5842	
0.38842	*			28.00000	26.00000	-0.60000	2.0632	1.4969	
0.41013	*			29.00000	26.00000	-0.60000	2.0011	1.4168	
0.43480	*			30.00000	26.00000	-0.60000	1.9650	1.3436	
0.46653	*			-40.00000	33.00000	-0.60000	-0.82450	0.37760	
0.47858	*			-39.00000	33.00000	-0.60000	-0.85162	0.39854	
0.49059	*			-38.00000	33.00000	-0.60000	-0.87989	0.42097	
0.50248	*			-37.00000	33.00000	-0.60000	-0.90936	0.44502	
0.51420	*			-36.00000	33.00000	-0.60000	-0.94008	0.47082	
0.52564	*			-35.00000	33.00000	-0.60000	-0.97210	0.49853	
0.53673	*			-34.00000	33.00000	-0.60000	-1.0055	0.52831	
0.54733	*			-33.00000	33.00000	-0.60000	-1.0402	0.56034	
0.55733	*			-32.00000	33.00000	-0.60000	-1.0764	0.59482	
0.56659	*			-31.00000	33.00000	-0.60000	-1.1140	0.63196	
0.57495	*			-30.00000	33.00000	-0.60000	-1.1531	0.67201	
0.58223	*			-29.00000	33.00000	-0.60000	-1.1937	0.71521	
0.58822	*			-28.00000	33.00000	-0.60000	-1.2359	0.76184	
0.59271	*			-27.00000	33.00000	-0.60000	-1.2795	0.81223	
0.59545	*			-26.00000	33.00000	-0.60000	-1.3246	0.86668	
0.59615	*			-25.00000	33.00000	-0.60000	-1.3712	0.92558	
0.59451	*			-24.00000	33.00000	-0.60000	-1.4191	0.98931	
0.59021	*			-23.00000	33.00000	-0.60000	-1.4683	1.0583	
0.58287	*			-22.00000	33.00000	-0.60000	-1.5186	1.1330	
0.57209	*			-21.00000	33.00000	-0.60000	-1.5698	1.2138	
0.55745	*			-20.00000	33.00000	-0.60000	-1.6217	1.3014	
0.53847	*			-19.00000	33.00000	-0.60000	-1.6739	1.3962	
0.51467	*			-18.00000	33.00000	-0.60000	-1.7260	1.4987	
0.51172	*			-17.00000	33.00000	-0.60000	-1.6825	1.5584	
0.49422	*			-16.00000	33.00000	-0.60000	-1.6355	1.6139	
0.46875	*			-15.00000	33.00000	-0.60000	-1.6017	1.6728	
0.44158	*			-14.00000	33.00000	-0.60000	-1.5821	1.7353	
				-13.00000	33.00000	-0.60000	-1.5774	1.8010	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.41589	*			-12.00000	33.00000	-0.60000	-1.5307	1.8434	
0.40996	*			-11.00000	33.00000	-0.60000	-1.4036	1.8353	
0.42132	*			-10.00000	33.00000	-0.60000	-1.2971	1.8155	
0.43136	*			-9.00000	33.00000	-0.60000	-1.2092	1.7526	
0.45732	*			-8.00000	33.00000	-0.60000	-1.1452	1.6691	
0.49155	*			-7.00000	33.00000	-0.60000	-1.1063	1.5808	
0.53303	*			-6.00000	33.00000	-0.60000	-1.0906	1.4905	
0.57805	*			-5.00000	33.00000	-0.60000	-1.0936	1.3472	
0.63142	*			-4.00000	33.00000	-0.60000	-1.0954	1.2328	
0.67571	*			-3.00000	33.00000	-0.60000	-1.0879	1.0891	
0.72251	*			-2.00000	33.00000	-0.60000	-1.0091	0.18495	
1.1298	*			-1.00000	33.00000	-0.60000	-0.89984	0.15615	
1.1561	*			0.00000	33.00000	-0.60000	-0.79239	0.085218	
1.1917	*			1.00000	33.00000	-0.60000	-0.68782	-0.027284	
1.2331	*			2.00000	33.00000	-0.60000	-0.58578	-0.17657	
1.2760	*			3.00000	33.00000	-0.60000	-0.48429	-0.35334	
1.3156	*			4.00000	33.00000	-0.60000	-0.33157	1.4346	
0.67807	*			5.00000	33.00000	-0.60000	-0.081832	1.4511	
0.67742	*			6.00000	33.00000	-0.60000	0.16536	1.4319	
0.69845	*			7.00000	33.00000	-0.60000	0.40441	1.3786	
0.73986	*			8.00000	33.00000	-0.60000	0.52835	2.6865	
0.14560	*			9.00000	33.00000	-0.60000	0.60235	2.8394	
0.13551	*			10.00000	33.00000	-0.60000	0.67215	2.9733	
0.11512	*			11.00000	33.00000	-0.60000	0.74255	3.0799	
0.088361	*			12.00000	33.00000	-0.60000	0.81674	3.1548	
0.059408	*			13.00000	33.00000	-0.60000	0.89627	1.7790	
0.24465	*			14.00000	33.00000	-0.60000	0.98139	1.7887	
0.22361	*			15.00000	33.00000	-0.60000	1.0715	1.7692	
0.21196	*			16.00000	33.00000	-0.60000	-0.077086	0.31304	
0.58541	*			17.00000	33.00000	-0.60000	0.16213	0.41113	
0.51181	*			18.00000	33.00000	-0.60000	0.40845	0.97499	
0.39981	*			19.00000	33.00000	-0.60000	0.63629	1.1220	
0.38236	*			20.00000	33.00000	-0.60000	0.87374	1.2790	
0.38516	*			21.00000	33.00000	-0.60000	1.1214	1.4444	
0.39902	*			22.00000	33.00000	-0.60000	1.3800	1.6163	
0.41024	*								



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No. Sheet No. Rev.

517419

Drg. Ref.

Made by
HM

Date
20-Dec-2022

Checked

Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.40014	*			23.00000	33.00000	-0.60000	1.6503	1.7931	
0.40232	*			24.00000	33.00000	-0.60000	1.7528	1.8476	
0.44007	*			25.00000	33.00000	-0.60000	1.7335	1.7985	
0.47287	*			26.00000	33.00000	-0.60000	1.7184	1.7539	
0.49969	*			27.00000	33.00000	-0.60000	1.7088	1.7125	
0.51828	*			28.00000	33.00000	-0.60000	1.7055	1.6733	
0.52521	*			29.00000	33.00000	-0.60000	1.7050	1.6293	
0.54863	*			30.00000	33.00000	-0.60000	1.6622	1.5233	
0.42341	*			-40.00000	40.00000	-0.60000	-0.68302	0.41664	
0.43432	*			-39.00000	40.00000	-0.60000	-0.70092	0.43696	
0.44530	*			-38.00000	40.00000	-0.60000	-0.71927	0.45849	
0.45631	*			-37.00000	40.00000	-0.60000	-0.73808	0.48132	
0.46732	*			-36.00000	40.00000	-0.60000	-0.75733	0.50552	
0.47829	*			-35.00000	40.00000	-0.60000	-0.77701	0.53118	
0.48916	*			-34.00000	40.00000	-0.60000	-0.79709	0.55841	
0.49990	*			-33.00000	40.00000	-0.60000	-0.81754	0.58729	
0.51043	*			-32.00000	40.00000	-0.60000	-0.83833	0.61793	
0.52071	*			-31.00000	40.00000	-0.60000	-0.85941	0.65045	
0.53066	*			-30.00000	40.00000	-0.60000	-0.88073	0.68495	
0.54021	*			-29.00000	40.00000	-0.60000	-0.90222	0.72155	
0.54927	*			-28.00000	40.00000	-0.60000	-0.92381	0.76038	
0.55777	*			-27.00000	40.00000	-0.60000	-0.94539	0.80157	
0.56560	*			-26.00000	40.00000	-0.60000	-0.96686	0.84523	
0.57268	*			-25.00000	40.00000	-0.60000	-0.98809	0.89150	
0.57889	*			-24.00000	40.00000	-0.60000	-1.0089	0.94050	
0.58413	*			-23.00000	40.00000	-0.60000	-1.0292	0.99237	
0.58830	*			-22.00000	40.00000	-0.60000	-1.0487	1.0472	
0.59128	*			-21.00000	40.00000	-0.60000	-1.0673	1.1051	
0.59295	*			-20.00000	40.00000	-0.60000	-1.0846	1.1662	
0.59321	*			-19.00000	40.00000	-0.60000	-1.1004	1.2305	
0.59196	*			-18.00000	40.00000	-0.60000	-1.1143	1.2982	
0.58911	*			-17.00000	40.00000	-0.60000	-1.1261	1.3691	
0.58456	*			-16.00000	40.00000	-0.60000	-1.1352	1.4434	
0.57827	*			-15.00000	40.00000	-0.60000	-1.1413	1.5209	
0.57017	*			-14.00000	40.00000	-0.60000	-1.1439	1.6015	
				-13.00000	40.00000	-0.60000	-1.1426	1.6850	



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.56028	*			-12.00000	40.00000	-0.60000	-1.1368	1.7711	
0.54859	*			-11.00000	40.00000	-0.60000	-1.1259	1.8596	
0.53518	*			-10.00000	40.00000	-0.60000	-1.1095	1.9498	
0.52014	*			-9.00000	40.00000	-0.60000	-1.0806	2.0142	
0.51259	*			-8.00000	40.00000	-0.60000	-1.0405	2.0424	
0.50751	*			-7.00000	40.00000	-0.60000	-0.99943	2.0734	
0.49799	*			-6.00000	40.00000	-0.60000	-0.95615	2.1083	
0.48545	*			-5.00000	40.00000	-0.60000	-0.87816	2.0737	
0.49167	*			-4.00000	40.00000	-0.60000	-0.80354	2.0403	
0.48908	*			-3.00000	40.00000	-0.60000	-0.73160	2.0119	
0.48265	*			-2.00000	40.00000	-0.60000	-0.65447	1.8374	
0.49831	*			-1.00000	40.00000	-0.60000	-0.57521	1.8231	
0.49057	*			0.00000	40.00000	-0.60000	-0.49634	1.8040	
0.48445	*			1.00000	40.00000	-0.60000	-0.41754	1.7817	
0.48001	*			2.00000	40.00000	-0.60000	-0.33840	1.7581	
0.47701	*			3.00000	40.00000	-0.60000	-0.25845	1.7356	
0.47513	*			4.00000	40.00000	-0.60000	-0.16974	1.8692	
0.44589	*			5.00000	40.00000	-0.60000	-0.065388	1.8785	
0.44574	*			6.00000	40.00000	-0.60000	0.038914	1.8766	
0.44883	*			7.00000	40.00000	-0.60000	0.14194	1.8635	
0.45505	*			8.00000	40.00000	-0.60000	0.22682	2.2171	
0.41680	*			9.00000	40.00000	-0.60000	0.30331	2.2381	
0.42376	*			10.00000	40.00000	-0.60000	0.37833	2.2612	
0.43117	*			11.00000	40.00000	-0.60000	0.45264	2.2841	
0.43927	*			12.00000	40.00000	-0.60000	0.52699	2.3050	
0.44821	*			13.00000	40.00000	-0.60000	0.60200	2.3223	
0.45790	*			14.00000	40.00000	-0.60000	0.67821	2.3347	
0.46777	*			15.00000	40.00000	-0.60000	0.75603	2.3414	
0.47659	*			16.00000	40.00000	-0.60000	0.83576	2.3418	
0.48225	*			17.00000	40.00000	-0.60000	0.91472	2.3298	
0.48128	*			18.00000	40.00000	-0.60000	0.95760	2.2461	
0.49949	*			19.00000	40.00000	-0.60000	0.99423	2.1612	
0.51675	*			20.00000	40.00000	-0.60000	1.0249	2.0758	
0.53287	*			21.00000	40.00000	-0.60000	1.0499	1.9906	
0.54768	*			22.00000	40.00000	-0.60000	1.0695	1.9061	
0.56106	*								

Job No.	Sheet No.	Rev.
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0.57292	*			23.00000	40.00000	-0.60000	1.0842	1.8227	
0.58319	*			24.00000	40.00000	-0.60000	1.0943	1.7409	
0.59184	*			25.00000	40.00000	-0.60000	1.1002	1.6610	
0.59886	*			26.00000	40.00000	-0.60000	1.1023	1.5833	
0.60427	*			27.00000	40.00000	-0.60000	1.1009	1.5081	
0.60810	*			28.00000	40.00000	-0.60000	1.0965	1.4353	
0.61041	*			29.00000	40.00000	-0.60000	1.0894	1.3653	
0.61125	*			30.00000	40.00000	-0.60000	1.0798	1.2981	

* Result includes imported displacement(s).

Specific Building Damage Results - Horizontal Displacements

Stage: δH// Ref.	Stage: Name δHperp.	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Dist.	x	y	z	δx	δy
						[m]	[m]	[m]	[mm]	
0	Base Model	1	1 Braemar Avenue	North Wall	0.0	18.98000	-0.60000	-0.60000	3.4012	
-4.5590	-4.5590	-3.4012	d		0.90000	18.98000	0.30000	-0.60000	0.20236	
-5.4524	-5.4524	-0.20236	d		1.8000	18.98000	1.20000	-0.60000	0.79779	
-5.2229	-5.2229	-0.79779	d		2.7000	18.98000	2.10000	-0.60000	1.3559	
-4.8845	-4.8845	-1.3559	d		3.6000	18.98000	3.00000	-0.60000	1.8603	
-4.4640	-4.4640	-1.8603	d		4.5000	18.98000	3.90000	-0.60000	2.3037	
-3.9877	-3.9877	-2.3037	d		5.4000	18.98000	4.80000	-0.60000	2.6845	
-3.4763	-3.4763	-2.6845	d		6.3000	18.98000	5.70000	-0.60000	3.0044	
-2.9438	-2.9438	-3.0044	d		7.2000	18.98000	6.60000	-0.60000	3.2662	
-2.3988	-2.3988	-3.2662	d		8.1000	18.98000	7.50000	-0.60000	3.4727	
-1.8462	-1.8462	-3.4727	d		9.0000	18.98000	8.40000	-0.60000	3.6261	
-1.2882	-1.2882	-3.6261	d		0.0	18.98000	8.40000	-0.60000	3.6261	
-1.2882	3.6261	-1.2882	d	1 Braemar Avenue East Wall	0.60000	19.58000	8.40000	-0.60000	3.6363	
-1.2050	3.6363	-1.2050	d		1.2000	20.18000	8.40000	-0.60000	3.5663	
-1.1259	3.5663	-1.1259	d		1.8000	20.78000	8.40000	-0.60000	3.4407	
-1.0508	3.4407	-1.0508	d		2.4000	21.38000	8.40000	-0.60000	3.2812	
-0.98000	3.2812	-0.98000	d		3.0000	21.98000	8.40000	-0.60000	3.1050	
-0.91341	3.1050	-0.91341	d		3.6000	22.58000	8.40000	-0.60000	2.9250	
-0.85105	2.9250	-0.85105	d		4.2000	23.18000	8.40000	-0.60000	2.7506	
-0.79285	2.7506	-0.79285	d		4.8000	23.78000	8.40000	-0.60000	2.5878	
-0.73866	2.5878	-0.73866	d		5.4000	24.38000	8.40000	-0.60000	2.4407	
-0.68834	2.4407	-0.68834	d		6.0000	24.98000	8.40000	-0.60000	2.3115	
-0.64169	2.3115	-0.64169	d							

**Braemar Avenue**

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 20-Dec-2022	Checked Date

Stage:	Stage:	Name	Specific	Specific	Building:	Sub-building	Dist.	x	y	z	δx	δy
δH / Ref.	δH / Ref.		Building: Ref.		Name	Name						
-0.64169	0.64169	3	2.3115	1	Braemar Avenue	South Wall	0.0	24.98000	8.40000	-0.60000	2.3115	
-0.91371	0.91371		2.2288	d			0.90000	24.98000	7.50000	-0.60000	2.2288	
-1.1775	1.1775		2.1155	d			1.8000	24.98000	6.60000	-0.60000	2.1155	
-1.4303	1.4303		1.9726	d			2.7000	24.98000	5.70000	-0.60000	1.9726	
-1.6690	1.6690		1.8010	d			3.6000	24.98000	4.80000	-0.60000	1.8010	
-1.8902	1.8902		1.6026	d			4.5000	24.98000	3.90000	-0.60000	1.6026	
-2.0907	2.0907		1.3798	d			5.4000	24.98000	3.00000	-0.60000	1.3798	
-2.2671	2.2671		1.1357	d			6.3000	24.98000	2.10000	-0.60000	1.1357	
-2.4167	2.4167		0.87456	d			7.2000	24.98000	1.20000	-0.60000	0.87456	
-2.5374	2.5374		0.60121	d			8.1000	24.98000	0.30000	-0.60000	0.60121	
-2.5191	2.5191		1.8601	d			9.0000	24.98000	-0.60000	-0.60000	1.8601	
-2.5191	-1.8601	4	2.5191	1	Braemar Avenue	West Wall	0.0	24.98000	-0.60000	-0.60000	1.8601	
-2.6987	-1.9144		2.6987	d			0.60000	24.38000	-0.60000	-0.60000	1.9144	
-2.8931	-1.9786		2.8931	d			1.2000	23.78000	-0.60000	-0.60000	1.9786	
-3.1026	-2.0529		3.1026	d			1.8000	23.18000	-0.60000	-0.60000	2.0529	
-3.3273	-2.1377		3.3273	d			2.4000	22.58000	-0.60000	-0.60000	2.1377	
-3.5660	-2.2340		3.5660	d			3.0000	21.98000	-0.60000	-0.60000	2.2340	
-3.8158	-2.3445		3.8158	d			3.6000	21.38000	-0.60000	-0.60000	2.3445	
-4.0694	-2.4762		4.0694	d			4.2000	20.78000	-0.60000	-0.60000	2.4762	
-4.3115	-2.6472		4.3115	d			4.8000	20.18000	-0.60000	-0.60000	2.6472	
-4.5064	-2.9066		4.5064	d			5.4000	19.58000	-0.60000	-0.60000	2.9066	
-4.5590	-3.4012		4.5590	d			6.0000	18.98000	-0.60000	-0.60000	3.4012	
-1.6187	-1.6187	5	1.0791		Braemar Ave Church	South Wall 1	0.0	-6.92000	2.44000	-0.80000	-1.0791	
-1.9815	-1.9815		1.3330	d			1.4200	-6.92000	3.86000	-0.80000	-1.3330	
-3.1518	-3.1518		0.17161	d			2.8400	-6.92000	5.28000	-0.80000	-0.17161	
-3.3601	-3.3601		1.6766	d			4.2600	-6.92000	6.70000	-0.80000	-1.6766	
-2.5868	-2.5868		2.2553	d			5.6800	-6.92000	8.12000	-0.80000	-2.2553	
-1.6533	-1.6533		2.6619	d			7.1000	-6.92000	9.54000	-0.80000	-2.6619	
-0.63530	-0.63530		2.8790	d			8.5200	-6.92000	10.96000	-0.80000	-2.8790	
0.40312	0.40312		2.9014	d			9.9400	-6.92000	12.38000	-0.80000	-2.9014	
1.3939	1.3939		2.7290	d			11.360	-6.92000	13.80000	-0.80000	-2.7290	
2.2493	2.2493		2.3782	d			12.780	-6.92000	15.22000	-0.80000	-2.3782	
1.3456	1.3456		1.5295	d			14.200	-6.92000	16.64000	-0.80000	-1.5295	
1.3456	-1.5295	6	1.3456		Braemar Ave Church	South Wall 2	0.0	-6.92000	16.64000	-0.80000	-1.5295	
0.86175	-1.8714		0.86175	d			0.36200	-6.55800	16.64000	-0.80000	-1.8714	
				d			0.72400	-6.19600	16.64000	-0.80000	-2.3219	



Braemar Avenue

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Job No.	Sheet No.	Rev.
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Stage: δH / Ref.	Stage: δH perp. Ref.	Specific Building: Ref.	Specific Building: Name	Building: Name	Sub-building	Dist.	x	y	z	δx	δy
0.18085	-2.3219	0.18085	d			1.0860	-5.83400	16.64000	-0.80000	-2.8632	
-0.66718	-2.8632	-0.66718	d			1.4480	-5.47200	16.64000	-0.80000	-2.9710	
-2.8898	-2.9710	-2.8898	d			1.8100	-5.11000	16.64000	-0.80000	-2.8976	
-2.7765	-2.8976	-2.7765	d			2.1720	-4.74800	16.64000	-0.80000	-2.7974	
-2.6724	-2.7974	-2.6724	d			2.5340	-4.38600	16.64000	-0.80000	-2.6683	
-2.5786	-2.6683	-2.5786	d			2.8960	-4.02400	16.64000	-0.80000	-2.5081	
-2.4958	-2.5081	-2.4958	d			3.2580	-3.66200	16.64000	-0.80000	-2.3146	
-2.4243	-2.3146	-2.4243	d			3.6200	-3.30000	16.64000	-0.80000	-2.0854	
-2.3635	-2.0854	-2.3635	d			0.0	-3.30000	16.64000	-0.80000	-2.0854	
-2.3635	-2.3635	2.0854	d	Braemar Ave Church	South Wall 3	0.60600	-3.30000	17.24600	-0.80000	-1.9774	
-1.8093	-1.8093	1.9774	d			1.2120	-3.30000	17.85200	-0.80000	-1.8388	
-1.2816	-1.2816	1.8388	d			1.8180	-3.30000	18.45800	-0.80000	-1.6683	
-0.77171	-0.77171	1.6683	d			2.4240	-3.30000	19.06400	-0.80000	-1.4654	
-0.27433	-0.27433	1.4654	d			3.0300	-3.30000	19.67000	-0.80000	-1.2298	
0.21184	0.21184	1.2298	d			3.6360	-3.30000	20.27600	-0.80000	-0.96157	
0.68463	0.68463	0.96157	d			4.2420	-3.30000	20.88200	-0.80000	-0.66124	
1.1387	1.1387	0.66124	d			4.8480	-3.30000	21.48800	-0.80000	-0.33046	
1.5660	1.5660	0.33046	d			5.4540	-3.30000	22.09400	-0.80000	0.027433	
1.9562	1.9562	-0.027433	d			6.0600	-3.30000	22.70000	-0.80000	0.40670	
2.2983	2.2983	-0.40670	d			0.0	-3.30000	22.70000	-0.80000	0.40670	
2.2983	-0.40670	-2.2983	d	Braemar Ave Church	East Wall 1	0.97000	-4.27000	22.70000	-0.80000	0.024397	
1.6859	-0.024397	-1.6859	d			1.9400	-5.24000	22.70000	-0.80000	-0.20920	
1.1055	0.20920	-1.1055	d			2.9100	-6.21000	22.70000	-0.80000	-0.27228	
2.0429	0.27228	-2.0429	d			3.8800	-7.18000	22.70000	-0.80000	-0.20785	
1.8666	0.20785	-1.8666	d			4.8500	-8.15000	22.70000	-0.80000	-0.14033	
1.7415	0.14033	-1.7415	d			5.8200	-9.12000	22.70000	-0.80000	-0.092609	
1.6487	0.092609	-1.6487	d			6.7900	-10.09000	22.70000	-0.80000	-0.077830	
1.5742	0.077830	-1.5742	d			7.7600	-11.06000	22.70000	-0.80000	-0.10232	
1.5087	0.10232	-1.5087	d			8.7300	-12.03000	22.70000	-0.80000	-0.16797	
1.4472	0.16797	-1.4472	d			9.7000	-13.00000	22.70000	-0.80000	-0.27402	
1.3871	0.27402	-1.3871	d			0.0	-13.00000	22.70000	-0.80000	-0.27402	
1.3871	-1.3871	-0.27402	d	Braemar Ave Church	East Wall 2	0.30200	-13.00000	22.39800	-0.80000	-0.29125	
1.3649	-1.3649	-0.29125	d			0.60400	-13.00000	22.09600	-0.80000	-0.30557	
1.3431	-1.3431	-0.30557	d			0.90600	-13.00000	21.79400	-0.80000	-0.31682	
1.3218	-1.3218	-0.31682	d			1.2080	-13.00000	21.49200	-0.80000	-0.32484	
1.3009	-1.3009	-0.32484	d								



Braemar Avenue

Short Term Analysis No Load From Superstructure

Job No.	Sheet No.	Rev.
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Made by HM	Date 20-Dec-2022	Checked Date

Stage:	Stage: Name	Specific	Specific Building:	Sub-building	Dist.	x	y	z	δx	δy
δH / Ref.	$\delta H_{\text{perp.}}$	Building: Ref.	Name	Name						
1.2806	-1.2806	-0.32950	d		1.5100	-13.00000	21.19000	-0.80000	-0.32950	
1.2608	-1.2608	-0.33068	d		1.8120	-13.00000	20.88800	-0.80000	-0.33068	
1.2417	-1.2417	-0.32825	d		2.1140	-13.00000	20.58600	-0.80000	-0.32825	
1.2233	-1.2233	-0.32213	d		2.4160	-13.00000	20.28400	-0.80000	-0.32213	
1.2056	-1.2056	-0.31226	d		2.7180	-13.00000	19.98200	-0.80000	-0.31226	
1.1886	-1.1886	-0.29859	d		3.0200	-13.00000	19.68000	-0.80000	-0.29859	
1.1886	0.29859	-1.1886	d	Braemar Ave Church East Wall 3	0.0	-13.00000	19.68000	-0.80000	-0.29859	
1.0016	0.54441	-1.0016	d		2.1200	-15.12000	19.68000	-0.80000	-0.54441	
0.85224	1.0334	-0.85224	d		4.2400	-17.24000	19.68000	-0.80000	-1.0334	
0.73761	1.6985	-0.73761	d		6.3600	-19.36000	19.68000	-0.80000	-1.6985	
0.65103	2.2016	-0.65103	d		8.4800	-21.48000	19.68000	-0.80000	-2.2016	
0.57605	2.2279	-0.57605	d		10.600	-23.60000	19.68000	-0.80000	-2.2279	
0.47654	1.9684	-0.47654	d		12.720	-25.72000	19.68000	-0.80000	-1.9684	
0.39838	1.7501	-0.39838	d		14.840	-27.84000	19.68000	-0.80000	-1.7501	
0.33624	1.5651	-0.33624	d		16.960	-29.96000	19.68000	-0.80000	-1.5651	
0.28626	1.4072	-0.28626	d		19.080	-32.08000	19.68000	-0.80000	-1.4072	
0.24564	1.2716	-0.24564	d		21.200	-34.20000	19.68000	-0.80000	-1.2716	
0.24564	-0.24564	-1.2716	d	Braemar Ave Church North Wall	0.0	-34.20000	19.68000	-0.80000	-1.2716	
0.20466	-0.20466	-1.2943	d		1.4220	-34.20000	18.25800	-0.80000	-1.2943	
0.16163	-0.16163	-1.3129	d		2.8440	-34.20000	16.83600	-0.80000	-1.3129	
0.11693	-0.11693	-1.3271	d		4.2660	-34.20000	15.41400	-0.80000	-1.3271	
0.071031	-0.071031	-1.3366	d		5.6880	-34.20000	13.99200	-0.80000	-1.3366	
0.024405	-0.024405	-1.3413	d		7.1100	-34.20000	12.57000	-0.80000	-1.3413	
-0.022438	0.022438	-1.3411	d		8.5320	-34.20000	11.14800	-0.80000	-1.3411	
-0.068985	0.068985	-1.3360	d		9.9540	-34.20000	9.72600	-0.80000	-1.3360	
-0.11473	0.11473	-1.3261	d		11.376	-34.20000	8.30400	-0.80000	-1.3261	
-0.15920	0.15920	-1.3116	d		12.798	-34.20000	6.88200	-0.80000	-1.3116	
-0.20194	0.20194	-1.2928	d		14.220	-34.20000	5.46000	-0.80000	-1.2928	
-0.20194	-1.2928	-0.20194	d	Braemar Ave Chuech West Wall 1	0.0	-34.20000	5.46000	-0.80000	-1.2928	
-0.23529	-1.4276	-0.23529	d		2.0480	-32.15200	5.46000	-0.80000	-1.4276	
-0.27628	-1.5841	-0.27628	d		4.0960	-30.10400	5.46000	-0.80000	-1.5841	
-0.32719	-1.7671	-0.32719	d		6.1440	-28.05600	5.46000	-0.80000	-1.7671	
-0.39117	-1.9827	-0.39117	d		8.1920	-26.00800	5.46000	-0.80000	-1.9827	
-0.47256	-2.2385	-0.47256	d		10.240	-23.96000	5.46000	-0.80000	-2.2385	
-0.57378	-2.0922	-0.57378	d		12.288	-21.91200	5.46000	-0.80000	-2.0922	
					14.336	-19.86400	5.46000	-0.80000	-1.9558	

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Stage: δH//Ref.	Stage: δHperp.	Name Specific Building: Ref.	Specific Building: Name	Sub-building Name	Dist.	x	y	z	δx	δy
-0.70588	-1.9558	-0.70588	d		16.384	-17.81600	5.46000	-0.80000	-1.8326	
-0.88169	-1.8326	-0.88169	d		18.432	-15.76800	5.46000	-0.80000	-1.1134	
-1.1193	-1.1134	-1.1193	d		20.480	-13.72000	5.46000	-0.80000	-0.52110	
-1.4449	-0.52110	-1.4449	d		0.0	-13.72000	5.46000	-0.80000	-0.52110	
-1.4449	1.4449	-0.52110	d	Braemar Ave Church West Wall 2	0.30200	-13.72000	5.15800	-0.80000	-0.54103	
-1.4486	1.4486	-0.54103	d		0.60400	-13.72000	4.85600	-0.80000	-0.56157	
-1.4505	1.4505	-0.56157	d		0.90600	-13.72000	4.55400	-0.80000	-0.58239	
-1.4507	1.4507	-0.58239	d		1.2080	-13.72000	4.25200	-0.80000	-0.60317	
-1.4496	1.4496	-0.60317	d		1.5100	-13.72000	3.95000	-0.80000	-0.62359	
-1.4473	1.4473	-0.62359	d		1.8120	-13.72000	3.64800	-0.80000	-0.64338	
-1.4441	1.4441	-0.64338	d		2.1140	-13.72000	3.34600	-0.80000	-0.66227	
-1.4403	1.4403	-0.66227	d		2.4160	-13.72000	3.04400	-0.80000	-0.68002	
-1.4360	1.4360	-0.68002	d		2.7180	-13.72000	2.74200	-0.80000	-0.69642	
-1.4315	1.4315	-0.69642	d		3.0200	-13.72000	2.44000	-0.80000	-0.71130	
-1.4270	1.4270	-0.71130	d		0.0	-13.72000	2.44000	-0.80000	-0.71130	
-1.4270	-0.71130	-1.4270	d	Braemar Ave Church West Wall 3	0.68000	-13.04000	2.44000	-0.80000	-0.59322	
-1.5163	-0.59322	-1.5163	d		1.3600	-12.36000	2.44000	-0.80000	-0.50327	
-1.6101	-0.50327	-1.6101	d		2.0400	-11.68000	2.44000	-0.80000	-0.44578	
-1.7071	-0.44578	-1.7071	d		2.7200	-11.00000	2.44000	-0.80000	-0.42626	
-1.8050	-0.42626	-1.8050	d		3.4000	-10.32000	2.44000	-0.80000	-0.45172	
-1.9007	-0.45172	-1.9007	d		4.0800	-9.64000	2.44000	-0.80000	-0.53111	
-1.9891	-0.53111	-1.9891	d		4.7600	-8.96000	2.44000	-0.80000	-0.66201	
-2.0507	-0.66201	-2.0507	d		5.4400	-8.28000	2.44000	-0.80000	-0.75114	
-1.9724	-0.75114	-1.9724	d		6.1200	-7.60000	2.44000	-0.80000	-0.89042	
-1.8293	-0.89042	-1.8293	d		6.8000	-6.92000	2.44000	-0.80000	-1.0791	
-1.6187	-1.0791	-1.6187	d							

d - Displacements include imported displacements.

Specific Building Damage Results - Vertical Displacements

Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	δz
					[m]	[m]	[m]	[m]	[m]	
0	Base Model	1	1 Braemar Avenue	North Wall	0.0	0.0	18.98000	-0.60000	-0.60000	
-4.0392	d					0.90000	18.98000	0.30000	-0.60000	
-3.8864	d					1.8000	18.98000	1.20000	-0.60000	
-4.8153	d					2.7000	18.98000	2.10000	-0.60000	
-5.6501	d					3.6000	18.98000	3.00000	-0.60000	
-6.3748	d									

**Braemar Avenue**

Short Term Analysis No Load From Superstructure

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Drg. Ref.		
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Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Dist. [m]	x [m]	y [m]	z [m]	δz
-6.9882	d					4.5000	18.98000	3.90000	-0.60000	
-7.4958	d					5.4000	18.98000	4.80000	-0.60000	
-7.9056	d					6.3000	18.98000	5.70000	-0.60000	
-8.2261	d					7.2000	18.98000	6.60000	-0.60000	
-8.4649	d					8.1000	18.98000	7.50000	-0.60000	
-8.6274	d					9.0000	18.98000	8.40000	-0.60000	
-8.6274	d	2	1 Braemar Avenue	East Wall	0.0	0.0	18.98000	8.40000	-0.60000	
-6.8648	d					0.60000	19.58000	8.40000	-0.60000	
-5.3859	d					1.2000	20.18000	8.40000	-0.60000	
-4.1561	d					1.8000	20.78000	8.40000	-0.60000	
-3.1458	d					2.4000	21.38000	8.40000	-0.60000	
-2.3270	d					3.0000	21.98000	8.40000	-0.60000	
-1.6733	d					3.6000	22.58000	8.40000	-0.60000	
-1.1602	d					4.2000	23.18000	8.40000	-0.60000	
-0.76547	d					4.8000	23.78000	8.40000	-0.60000	
-0.46882	d					5.4000	24.38000	8.40000	-0.60000	
-0.25222	d					6.0000	24.98000	8.40000	-0.60000	
-0.25222	d	3	1 Braemar Avenue	South Wall	0.0	0.0	24.98000	8.40000	-0.60000	
-0.20436	d					0.90000	24.98000	7.50000	-0.60000	
-0.13491	d					1.8000	24.98000	6.60000	-0.60000	
-0.044351	d					2.7000	24.98000	5.70000	-0.60000	
0.066518	d					3.6000	24.98000	4.80000	-0.60000	
0.19648	d					4.5000	24.98000	3.90000	-0.60000	
0.34374	d					5.4000	24.98000	3.00000	-0.60000	
0.50585	d					6.3000	24.98000	2.10000	-0.60000	
0.67964	d					7.2000	24.98000	1.20000	-0.60000	
0.86137	d					8.1000	24.98000	0.30000	-0.60000	
0.23986	d					9.0000	24.98000	-0.60000	-0.60000	
0.23986	d	4	1 Braemar Avenue	West Wall	0.0	0.0	24.98000	-0.60000	-0.60000	
0.14118	d					0.60000	24.38000	-0.60000	-0.60000	
-120.62E-6	d					1.2000	23.78000	-0.60000	-0.60000	
-0.19373	d					1.8000	23.18000	-0.60000	-0.60000	
-0.45031	d					2.4000	22.58000	-0.60000	-0.60000	
-0.78150	d					3.0000	21.98000	-0.60000	-0.60000	
-1.1999	d					3.6000	21.38000	-0.60000	-0.60000	
						4.2000	20.78000	-0.60000	-0.60000	



Braemar Avenue

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Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Dist. [m]	x [m]	y [m]	z [m]	δz
-1.7191	d					4.8000	20.18000	-0.60000	-0.60000	
-2.3538	d					5.4000	19.58000	-0.60000	-0.60000	
-3.1203	d					6.0000	18.98000	-0.60000	-0.60000	
-4.0392	d	5	Braemar Ave Church	South Wall 1	0.0	0.0	-6.92000	2.44000	-0.80000	
-0.19651	d					1.4200	-6.92000	3.86000	-0.80000	
-1.5584	d					2.8400	-6.92000	5.28000	-0.80000	
-2.9711	d					4.2600	-6.92000	6.70000	-0.80000	
-5.5976	d					5.6800	-6.92000	8.12000	-0.80000	
-6.7082	d					7.1000	-6.92000	9.54000	-0.80000	
-7.4783	d					8.5200	-6.92000	10.96000	-0.80000	
-7.8559	d					9.9400	-6.92000	12.38000	-0.80000	
-7.8198	d					11.360	-6.92000	13.80000	-0.80000	
-7.3647	d					12.780	-6.92000	15.22000	-0.80000	
-6.5220	d					14.200	-6.92000	16.64000	-0.80000	
-3.4980	d	6	Braemar Ave Church	South Wall 2	0.0	0.0	-6.92000	16.64000	-0.80000	
-3.4980	d					0.36200	-6.55800	16.64000	-0.80000	
-4.0703	d					0.72400	-6.19600	16.64000	-0.80000	
-4.6697	d					1.0860	-5.83400	16.64000	-0.80000	
-5.2846	d					1.4480	-5.47200	16.64000	-0.80000	
-5.1598	d					1.8100	-5.11000	16.64000	-0.80000	
-6.0414	d					2.1720	-4.74800	16.64000	-0.80000	
-6.9866	d					2.5340	-4.38600	16.64000	-0.80000	
-7.9987	d					2.8960	-4.02400	16.64000	-0.80000	
-9.0839	d					3.2580	-3.66200	16.64000	-0.80000	
-10.251	d					3.6200	-3.30000	16.64000	-0.80000	
-11.517	d	7	Braemar Ave Church	South Wall 3	0.0	0.0	-3.30000	16.64000	-0.80000	
-11.517	d					0.60600	-3.30000	17.24600	-0.80000	
-10.508	d					1.2120	-3.30000	17.85200	-0.80000	
-9.6507	d					1.8180	-3.30000	18.45800	-0.80000	
-8.9086	d					2.4240	-3.30000	19.06400	-0.80000	
-8.2496	d					3.0300	-3.30000	19.67000	-0.80000	
-7.6453	d					3.6360	-3.30000	20.27600	-0.80000	
-7.0702	d					4.2420	-3.30000	20.88200	-0.80000	
-6.5022	d					4.8480	-3.30000	21.48800	-0.80000	
-5.9229	d					5.4540	-3.30000	22.09400	-0.80000	
-5.3177	d									

**Braemar Avenue**

Short Term Analysis No Load From Superstructure

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517419

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Date

Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Dist. [m]	x [m]	y [m]	z [m]	δz
-4.6748	d	8	Braemar Ave Church	East Wall 1	0.0	0.0	-3.30000	22.70000	-0.80000	
-4.6748	d					0.97000	-4.27000	22.70000	-0.80000	
-2.3496	d					1.9400	-5.24000	22.70000	-0.80000	
-0.65907	d					2.9100	-6.21000	22.70000	-0.80000	
-0.22394	d					3.8800	-7.18000	22.70000	-0.80000	
0.50933	d					4.8500	-8.15000	22.70000	-0.80000	
0.92716	d					5.8200	-9.12000	22.70000	-0.80000	
1.1113	d					6.7900	-10.09000	22.70000	-0.80000	
1.1310	d					7.7600	-11.06000	22.70000	-0.80000	
1.0447	d					8.7300	-12.03000	22.70000	-0.80000	
0.90056	d					9.7000	-13.00000	22.70000	-0.80000	
0.73716	d	9	Braemar Ave Church	East Wall 2	0.0	0.0	-13.00000	22.70000	-0.80000	
0.73716	d					0.30200	-13.00000	22.39800	-0.80000	
0.73214	d					0.60400	-13.00000	22.09600	-0.80000	
0.72800	d					0.90600	-13.00000	21.79400	-0.80000	
0.72468	d					1.2080	-13.00000	21.49200	-0.80000	
0.72206	d					1.5100	-13.00000	21.19000	-0.80000	
0.72005	d					1.8120	-13.00000	20.88800	-0.80000	
0.71856	d					2.1140	-13.00000	20.58600	-0.80000	
0.71748	d					2.4160	-13.00000	20.28400	-0.80000	
0.71670	d					2.7180	-13.00000	19.98200	-0.80000	
0.71609	d					3.0200	-13.00000	19.68000	-0.80000	
0.71556	d	10	Braemar Ave Church	East Wall 3	0.0	0.0	-13.00000	19.68000	-0.80000	
0.71556	d					2.1200	-15.12000	19.68000	-0.80000	
0.48317	d					4.2400	-17.24000	19.68000	-0.80000	
0.34779	d					6.3600	-19.36000	19.68000	-0.80000	
0.36378	d					8.4800	-21.48000	19.68000	-0.80000	
0.41249	d					10.600	-23.60000	19.68000	-0.80000	
0.47983	d					12.720	-25.72000	19.68000	-0.80000	
0.55072	d					14.840	-27.84000	19.68000	-0.80000	
0.58720	d					16.960	-29.96000	19.68000	-0.80000	
0.60018	d					19.080	-32.08000	19.68000	-0.80000	
0.59727	d					21.200	-34.20000	19.68000	-0.80000	
0.58378	d	11	Braemar Ave Church	North Wall	0.0	0.0	-34.20000	19.68000	-0.80000	
0.58378	d					1.4220	-34.20000	18.25800	-0.80000	



Braemar Avenue

Short Term Analysis No Load From Superstructure

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Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Dist. [m]	x [m]	y [m]	z [m]	δz
0.58602	d					2.8440	-34.20000	16.83600	-0.80000	
0.58780	d					4.2660	-34.20000	15.41400	-0.80000	
0.58916	d					5.6880	-34.20000	13.99200	-0.80000	
0.59013	d					7.1100	-34.20000	12.57000	-0.80000	
0.59072	d					8.5320	-34.20000	11.14800	-0.80000	
0.59095	d					9.9540	-34.20000	9.72600	-0.80000	
0.59080	d					11.376	-34.20000	8.30400	-0.80000	
0.59028	d					12.798	-34.20000	6.88200	-0.80000	
0.58935	d					14.220	-34.20000	5.46000	-0.80000	
0.58798	d	12	Braemar Ave Chuech	West Wall 1	0.0	0.0	-34.20000	5.46000	-0.80000	
0.58798	d					2.0480	-32.15200	5.46000	-0.80000	
0.60092	d					4.0960	-30.10400	5.46000	-0.80000	
0.60376	d					6.1440	-28.05600	5.46000	-0.80000	
0.59153	d					8.1920	-26.00800	5.46000	-0.80000	
0.55720	d					10.240	-23.96000	5.46000	-0.80000	
0.49065	d					12.288	-21.91200	5.46000	-0.80000	
0.43892	d					14.336	-19.86400	5.46000	-0.80000	
0.34254	d					16.384	-17.81600	5.46000	-0.80000	
0.29650	d					18.432	-15.76800	5.46000	-0.80000	
0.34538	d					20.480	-13.72000	5.46000	-0.80000	
0.35918	d	13	Braemar Ave Church	West Wall 2	0.0	0.0	-13.72000	5.46000	-0.80000	
0.35918	d					0.30200	-13.72000	5.15800	-0.80000	
0.38066	d					0.60400	-13.72000	4.85600	-0.80000	
0.40006	d					0.90600	-13.72000	4.55400	-0.80000	
0.41745	d					1.2080	-13.72000	4.25200	-0.80000	
0.43290	d					1.5100	-13.72000	3.95000	-0.80000	
0.44649	d					1.8120	-13.72000	3.64800	-0.80000	
0.45831	d					2.1140	-13.72000	3.34600	-0.80000	
0.46845	d					2.4160	-13.72000	3.04400	-0.80000	
0.47701	d					2.7180	-13.72000	2.74200	-0.80000	
0.48410	d					3.0200	-13.72000	2.44000	-0.80000	
0.48984	d	14	Braemar Ave Church	West Wall 3	0.0	0.0	-13.72000	2.44000	-0.80000	
0.48984	d					0.68000	-13.04000	2.44000	-0.80000	
0.51260	d					1.3600	-12.36000	2.44000	-0.80000	
0.52883	d					2.0400	-11.68000	2.44000	-0.80000	
0.53044	d									

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Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Dist.	x	y	z	δz
					[m]	[m]	[m]	[m]	[m]	
0.50733	d					2.7200	-11.00000	2.44000	-0.80000	
0.44777	d					3.4000	-10.32000	2.44000	-0.80000	
0.33895	d					4.0800	-9.64000	2.44000	-0.80000	
0.18452	d					4.7600	-8.96000	2.44000	-0.80000	
0.10262	d					5.4400	-8.28000	2.44000	-0.80000	
-0.022144	d					6.1200	-7.60000	2.44000	-0.80000	
-0.19651	d					6.8000	-6.92000	2.44000	-0.80000	

d - Displacements include imported displacements.

Specific Building Damage Results - Detail

Stage: Ref.	Stage: Name	Specific Building: Ref.	Specific Building: Name	Sub-building Name	Vertical Offset	Segment	Start	Length
Curvature Ratio	Deflection Horizontal	Average Tensile Ref.	Max of Displacement	Max Gradient of Vertical	Max Gradient Radius of Vertical	Min Damage Category		
Strain	Strain	Horizontal	Displacement	Curvature	Movement	Calculations		
Displacement	Curve							
Curve								
[%]	[%]	[%]		[m]			[m]	[m]
0	Base Model	1	1 Braemar Avenue	North Wall	0.0	1	0.0	2.3833 None
0.027010	-0.018652	0.020970	993.59E-6	0.0010318	588.73 0 (Negligible)	2	2.3833	6.6167 None
0.0097810	0.056152	0.068147	-619.64E-6	927.18E-6	7397.5 1 (Very Slight)	1	0.0	6.0000
Sagging	0.035517	-0.021910	0.023356	299.98E-6	-0.0029377	1232.2 0 (Negligible)	1	0.0
0.0018651	0.025727	0.027958	-302.15E-6	-193.07E-6	37311. 0 (Negligible)	2	6.3506	2.6494 None
0.019806	0.0091938	0.023481	-166.17E-6	690.59E-6	805.21 0 (Negligible)	1	0.0	6.0000
Sagging	0.018798	-0.025685	0.011592	825.13E-6	0.0015328	2276.1 0 (Negligible)	1	0.0
0.0	-0.025553	0.0051107	255.60E-6	959.35E-6	8434.4 0 (Negligible)	2	0.58406	2.6939 None
0.011744	-0.053756	0.012615	824.81E-6	0.0018499	5902.0 0 (Negligible)	3	3.2779	10.922
Hogging	0.038543	0.041766	0.087404	-730.75E-6	-0.0021310	765.87 2 (Slight)	1	0.0
745.05E-6	-0.097791	0.019563	0.0012459	0.0016579	4330.7 0 (Negligible)	2	0.40732	0.77165 None
0.021467	-0.12480	0.027879	0.0014975	0.0017011	769.84 0 (Negligible)	3	1.1790	2.4410 None
0.033973	0.032997	0.069353	-632.60E-6	0.0034946	393.06 1 (Very Slight)	1	0.0	3.9007 None
0.010760	0.083229	0.098244	-913.79E-6	-0.0016644	2271.1 2 (Slight)	2	3.9007	2.1583 None
0.0019838	0.065551	0.067489	-748.79E-6	-0.0010602	9055.1 1 (Very Slight)	1	0.0	9.7000
Sagging	0.031072	0.0070177	0.049012	-393.97E-6	-0.0023962	1193.4 0 (Negligible)	1	0.0
213.73E-6	0.0065739	0.0068366	-73.359E-6	16.615E-6	100560. 0 (Negligible)	1	0.0	10.377 None
0.0025704	0.018566	0.022352	-313.61E-6	109.61E-6	40681. 0 (Negligible)	2	10.377	10.823 None
633.77E-6	-0.0088099	0.0017757	122.45E-6	-33.443E-6	185280. 0 (Negligible)	1	0.0	14.219 None
33.972E-6	0.0031476	0.0031989	-32.941E-6	-1.5747E-6	4.3310E+6 0 (Negligible)	1	0.0	12.570 None

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Stage:	Stage:	Name	Specific	Specific	Building:	Sub-building	Vertical	Offset	Segment	Start	Length
Curvature	Deflection	Average	Max	Max	Gradient	Max	Gradient	Min	Damage	Category	
Ref.	Building:	Name	Name	Name	Radius	Radius	Radius	Radius			
Ratio	Horizontal	Tensile	of	of	Vertical	Radius	Radius	Radius			
657.14E-6	-0.0062100	0.0012582	124.93E-6	47.062E-6	184770.0	0	(Negligible)		2	12.570	5.7641
0.0012881	0.016060	0.017486	-351.02E-6	47.062E-6	82123.0	0	(Negligible)		3	18.334	2.1456
73.903E-6	0.029203	0.029239	-351.02E-6	-23.856E-6	62123.0	0	(Negligible)		1	0.0	3.0200
726.89E-6	-592.92E-6	440.63E-6	15.097E-6	-71.107E-6	43710.0	0	(Negligible)		1	0.0	4.4511
0.0036121	0.0024432	0.0077134	192.54E-6	227.15E-6	10319.0	0	(Negligible)		2	4.4511	0.63112
0.0026409	-0.016114	0.0035692	192.54E-6	227.15E-6	32991.0	0	(Negligible)		3	5.0822	1.7178
0.0022545	-0.021823	0.0045287	277.58E-6	256.50E-6	9008.1	0	(Negligible)				

Tensile horizontal strains are +ve, compressive horizontal strains are -ve.

Specific Building Damage Results - Critical Values for All Segments within Each Sub-Building

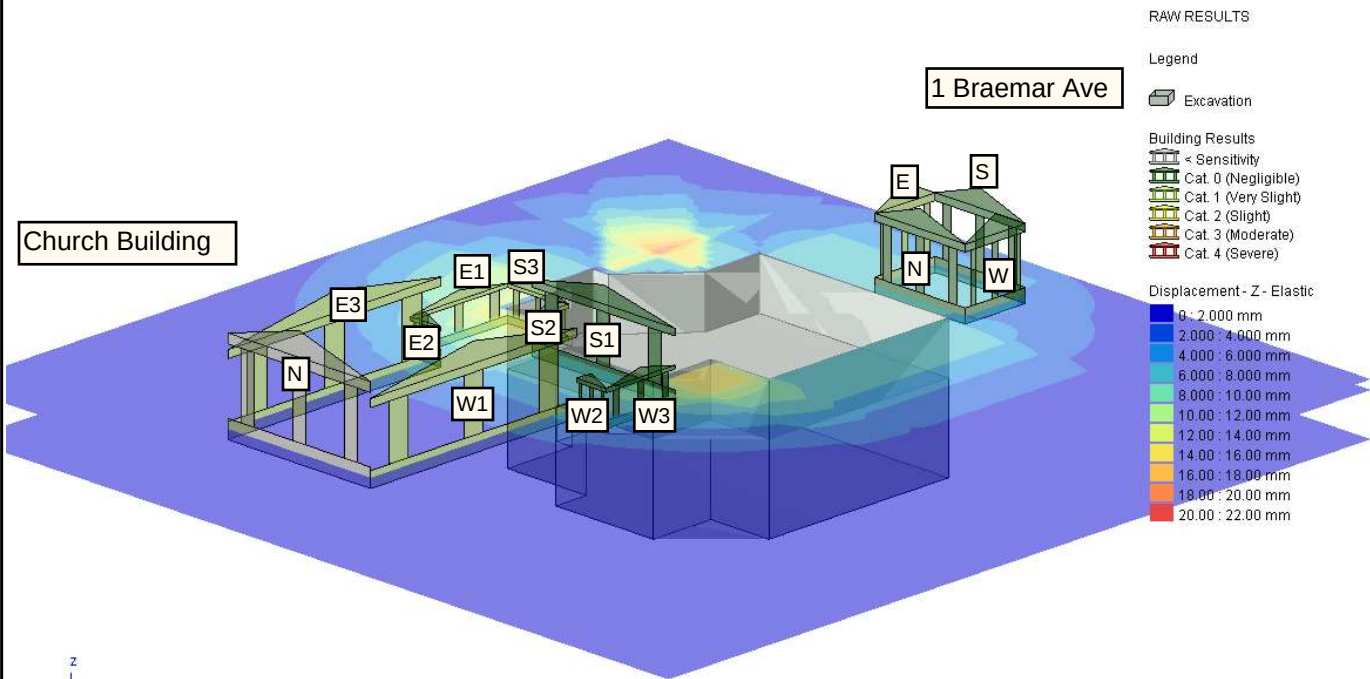
Stage:	Stage:	Name	Specific	Specific	Building:	Sub-building	Vertical	Deflection	Average	Max	Max
Max	Max	Gradient	of	Max	Gradient	of	Min	Radius	Min	Radius	Radius
Ref.	Building:	Name	Name	Name	Name	Name	Offset	Ratio	Horizontal	Strain	Strain
Settlement	Tensile	Horizontal	Vertical	of	of	of	Line	Strain			
Strain	Displacement	Displacement	Curvature	Curvature	Curvature	Curvature	Vertical				
Curve	Curve	(Hogging)	(Sagging)								
[mm]	[%]										
0	Base Model	1	1 Braemar Avenue	North Wall	0.0	0.027010	0.056152	0.0010318			
8.6274	0.068147	993.59E-6	0.0010318	-	-	1 (Very Slight)					
8.6274	0.023356	299.98E-6	-0.0029377	-	1232.2	0 (Negligible)	-0.021910	-0.0029377			
0.85935	0.027958	-302.15E-6	690.59E-6	-	-	0 (Negligible)	0.025727	690.59E-6			
4.0392	0.011592	825.13E-6	0.0015328	-	2276.1	0 (Negligible)	-0.025685	0.0015328			
7.8546	0.087404	824.81E-6	-0.0021310	765.87	-	2 (Slight)	-0.053756	-0.0021310			
11.517	0.069353	0.0014975	0.0034946	-	-	1 (Very Slight)	-0.12480	0.0034946			
11.517	0.098244	-913.79E-6	-0.0016644	-	-	2 (Slight)	0.083229	-0.0016644			
4.6748	0.049012	-393.97E-6	-0.0023962	-	1193.4	0 (Negligible)	0.0070177	-0.0023962			
0.73716	0.0068366	-73.359E-6	16.615E-6	-	-	0 (Negligible)	0.0065739	16.615E-6			
0.71556	0.022352	-313.61E-6	109.61E-6	-	-	0 (Negligible)	0.018566	109.61E-6			
0.59094	0.0031989	-32.941E-6	-1.5747E-6	-	-	0 (Negligible)	0.0031476	-1.5747E-6			
0.60371	0.029239	-351.02E-6	47.062E-6	-	-	0 (Negligible)	0.029203	47.062E-6			
0.48984	440.63E-6	15.097E-6	-71.107E-6	-	-	0 (Negligible)	-592.92E-6	-71.107E-6			
0.53040	0.0077134	277.58E-6	256.50E-6	-	-	0 (Negligible)	-0.021823	256.50E-6			

Specific Building Damage Results - Critical Segments within Each Building

Stage:	Stage:	Name	Specific	Specific	Building:	Parameter	Critical	Critical	Start
End	Curvature	Max	Max	Max	Min	Min	Damage	Category	Segment
Ref.	Building:	Name	Name	Name	Name	Name			
Settlement	Tensile	Radius	Radius	Radius	Radius	Radius			
Strain	Curvature	Curvature							

(Hogging) (Sagging)

[m]			[mm]	[%]	[m]	[m]				
0	Base Model	0	1	Braemar	Avenue	Max Slope		East Wall	1	0.0
6.0000	Sagging	0.0029377	8.6274	0.023356		-	1232.2 0 (Negligible)			
9.0000	None	927.18E-6	8.6274	0.068147		Max Settlement	-	North Wall	2	2.3833
						-	- 1 (Very Slight)			
9.0000	None	927.18E-6	8.6274	0.068147		Max Tensile Strain	-	North Wall	2	2.3833
						-	- 1 (Very Slight)			
-	-	-	-	-		Min Radius of Curvature (Hogging)			-	-
						-	-			
6.0000	Sagging	0.0029377	8.6274	0.023356		Min Radius of Curvature (Sagging)	-	East Wall	1	0.0
		0		Braemar Ave Church		-	1232.2 0 (Negligible)			
3.6200	None	0.0034946	11.517	0.069353		Max Slope	-	South Wall 2	3	1.1790
						-	- 1 (Very Slight)			
3.6200	None	0.0034946	11.517	0.069353		Max Settlement	-	South Wall 2	3	1.1790
						-	- 1 (Very Slight)			
3.9007	None	0.0016644	11.517	0.098244		Max Tensile Strain	-	South Wall 3	1	0.0
						-	- 2 (Slight)			
14.200	Hogging	0.0021310	7.8546	0.087404		Min Radius of Curvature (Hogging)	765.87	South Wall 1	3	3.2779
						-	- 2 (Slight)			
9.7000	Sagging	0.0023962	4.6748	0.049012		Min Radius of Curvature (Sagging)	-	East Wall 1	1	0.0
		0		Braemar Ave Chuech		-	1193.4 0 (Negligible)			
12.570	None	47.062E-6	0.60371	0.0012582		Max Slope	-	West Wall 1	1	0.0
						-	- 0 (Negligible)			
12.570	None	47.062E-6	0.60371	0.0012582		Max Settlement	-	West Wall 1	1	0.0
						-	- 0 (Negligible)			
20.480	None	23.856E-6	0.35918	0.029239		Max Tensile Strain	-	West Wall 1	3	18.334
						-	- 0 (Negligible)			
-	-	-	-	-		Min Radius of Curvature (Hogging)			-	-
						-	-			
-	-	-	-	-		Min Radius of Curvature (Sagging)			-	-
						-	-			

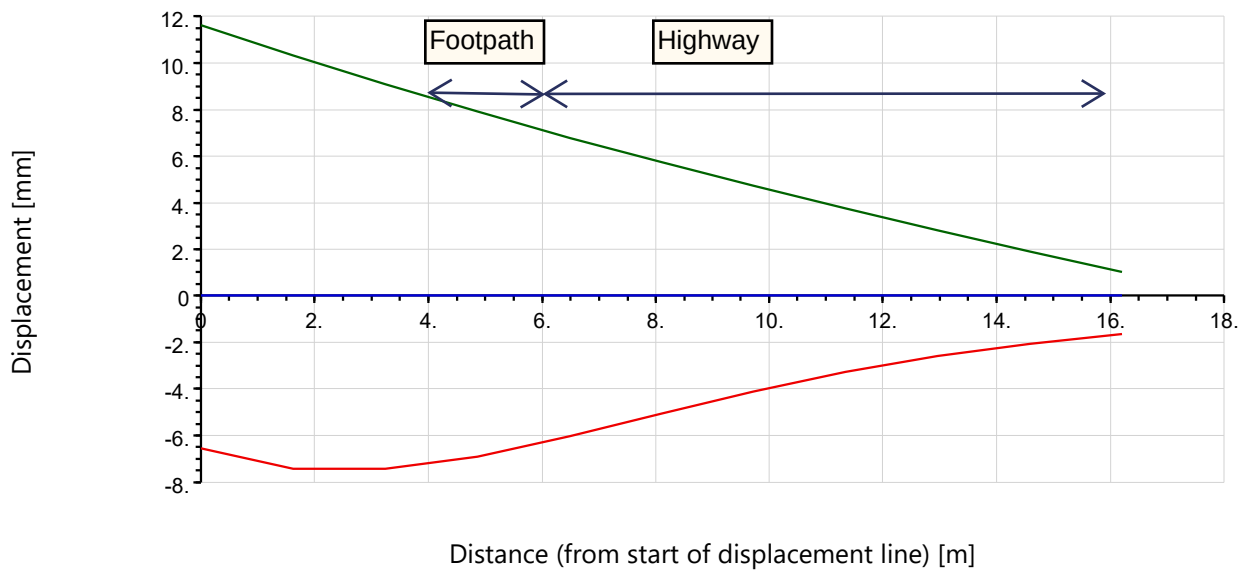


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Displacement Line - Displacement Chart

Stage: Base Model, Displacement Line 13: Braemar Ave Rd Displacement Line

- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y

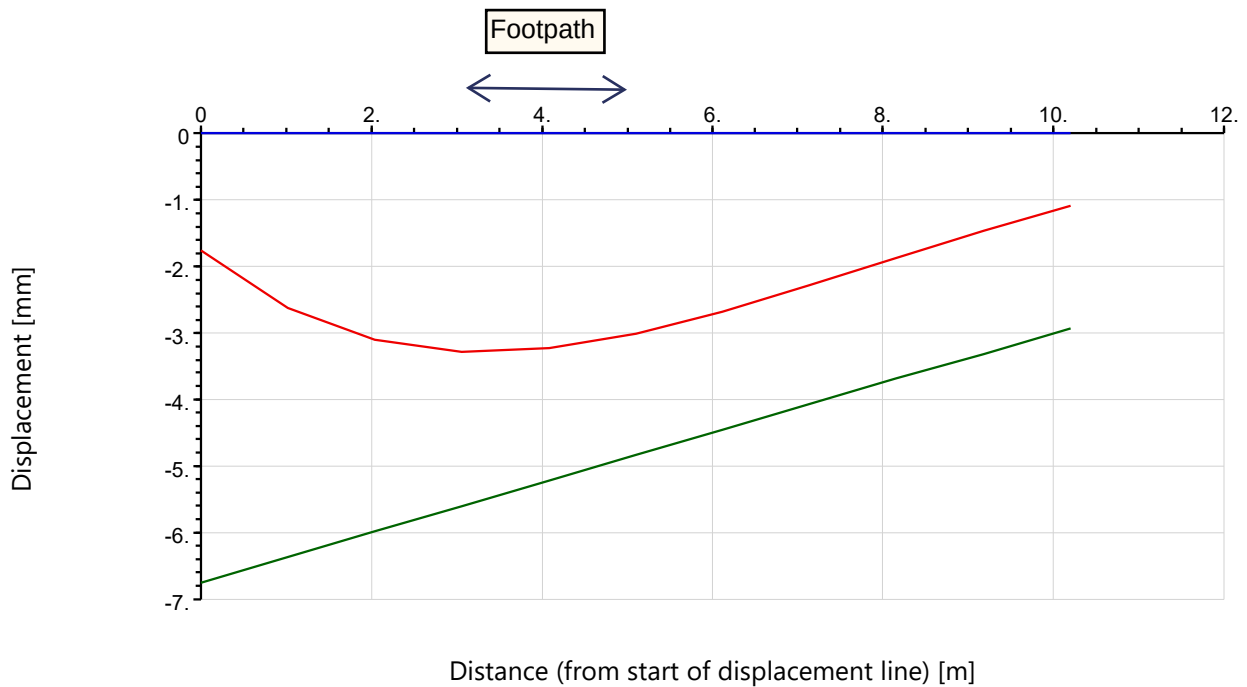


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Displacement Line - Displacement Chart

Stage: Base Model, Displacement Line 16: New River Footpath

- Vertical Displacement
- Horizontal Displacement x
- Horizontal Displacement y





Braemar Avenue
Short Term Analysis

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Titles

Job No.: 517419
Job Title: Braemar Avenue
Sub-title: Short Term Analysis
Calculation Heading:
Initials: HM
Checker:
Date Saved: 12-Dec-2022
Date Checked:
Notes:
File Name: XDisp Short Term Analysis - 20-12-22.xdd
File Path: L:\Projects\Projects_UK\2022 - (475611 -)\10-Oct (515201 -)\517419_Braemar Avenue Baptist Church, London\10-Data\10.10 - Other\Geotechnical Assessment Files\GMA\XDisp\Re-entrant Corners

History

Date	Time	By	Notes
12-Dec-2022	10:54	HMcAllister	New
12-Dec-2022	11:54	HMcAllister	
12-Dec-2022	12:30	HMcAllister	
12-Dec-2022	13:07	HMcAllister	
12-Dec-2022	13:30	HMcAllister	
14-Dec-2022	11:55	HMcAllister	
14-Dec-2022	12:14	HMcAllister	
20-Dec-2022	14:30	HMcAllister	
20-Dec-2022	16:54	HMcAllister	Open

Displacement Lines

Ref.	Name	x1	y1	z1	x2	y2	z2	Intervals	Surface
Interpolate	Calculate								
imported									type
displacements									for
									tunnels
		[m]	[m]	[m]	[m]	[m]	[m]	[No.]	
1	1 Braemar Ave North Wall	18.98000	-0.60000	-0.60000	18.98000	8.40000	-0.60000	10	Surface
Yes	Yes								
2	1 Braemar Ave East Wall	18.98000	8.40000	-0.60000	24.98000	8.40000	-0.60000	10	Surface
Yes	Yes								
3	1 Braemar Ave South Wall	24.98000	8.40000	-0.60000	24.98000	-0.60000	-0.60000	10	Surface
Yes	Yes								
4	1 Braemar Ave West Wall	24.98000	-0.60000	-0.60000	18.98000	-0.60000	-0.60000	10	Surface
Yes	Yes								
5	Braemar Ave Church South Wall 1	-6.92000	2.44000	-0.80000	-6.92000	16.64000	-0.80000	10	Surface
Yes	Yes								
6	Braemar Ave Church South Wall 2	-6.92000	16.64000	-0.80000	-3.30000	16.64000	-0.80000	10	Surface
Yes	Yes								
7	Braemar Ave Church South Wall 3	-3.30000	16.64000	-0.80000	-3.30000	22.70000	-0.80000	10	Surface
Yes	Yes								
8	Braemar Ave Church East Wall 1	-3.30000	22.70000	-0.80000	-13.00000	22.70000	-0.80000	10	Surface
Yes	Yes								
9	Braemar Ave Church East Wall 2	-13.00000	22.70000	-0.80000	-13.00000	19.68000	-0.80000	10	Surface
Yes	Yes								
10	Braemar Ave Church East Wall 3	-13.00000	19.68000	-0.80000	-34.20000	19.68000	-0.80000	10	Surface
Yes	Yes								
11	Braemar Ave Church North Wall	-34.20000	19.68000	-0.80000	-34.20000	5.46000	-0.80000	10	Surface
Yes	Yes								
12	Braemar Ave Church West Wall 1	-34.20000	5.46000	-0.80000	-13.72000	5.46000	-0.80000	10	Surface

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Ref.	Name	x1	y1	z1	x2	y2	z2	Intervals	Surface
Interpolate	Calculate								
									type
imported									
Yes	Yes								
13	Braemar Ave Rd Displacement Line	4.00000	0.00000	0.00000	4.00000	-16.20000	0.00000	10	Surface
Yes	Yes								
14	Braemar Ave Church West Wall 2	-13.72000	5.46000	-0.80000	-13.72000	2.44000	-0.80000	10	Surface
Yes	Yes								
15	Braemar Ave Church West Wall 3	-13.72000	2.44000	-0.80000	-6.92000	2.44000	-0.80000	10	Surface
Yes	Yes								
16	New River Footpath	4.66000	24.80000	-1.00000	4.66000	35.00000	-1.00000	10	Surface
Yes	Yes								

Displacement Grids

Ref.	Name	Extrusion:	Base line	Base line	Base	Base	Base	Base	Base	Extrusion:
Extrusion:	Surface Calculate	Direction	start: X	start: Y	line	line	line	line	line:	Distance
Intervals	type									
for					start:	end:	end: Y	end:	Intervals	
tunnels					Z (level)	X	Z (level)			
[No.]			[m]	[m]	[m]	[m]	[m]	[m]	[No.]	[m]
1	Ground Level	Global X	-40.00000	-30.00000	0.00000	-	40.00000	0.00000	70	70.00000
70	Surface Yes									
2	Neighbouring Foundations	Global X	-40.00000	-30.00000	-0.80000	-	40.00000	-0.80000	70	70.00000
70	Surface Yes									
3	Basement Excavation	Global X	-40.00000	-30.00000	-4.50000	-	40.00000	-4.50000	70	70.00000
70	Surface Yes									

Polygonal Excavations

Ref.	1
Excavation Name:	Basement Excavation
Surface level [m]:	0.0
Contribution:	Positive
Surface movement curves which are selected are applied between surface and [m]:	-4.5000

Corner	x	y	Base	Arc	Stiffened	Linear	Prev.	Prev.	Prev.	Prev.	Side	Next	Next	Next	Next
Side			Level	Enabled		Stiffening	Side:	Side:	Side:	Transition	Side:	Side:	Side:		
Transition							d	p1	p2*	Zone	d	p1	p2*		
Zone							Fraction								
Fraction			[m]	[m]	[m]		[m]	[%]	[%]		[m]	[%]	[%]		
1	0.0	0.0	-4.5000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000		
0.0															
2	0.0	5.7400	-4.5000	Yes	Yes	No	0.0	67.000	25.000	0.0	0.0	67.000	25.000		
0.0															
3	-5.7400	5.7400	-4.5000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000		
0.0															
4	-5.7400	15.440	-4.5000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000		
0.0															
5	-2.7000	15.440	-4.5000	Yes	Yes	No	0.0	67.000	25.000	0.0	0.0	67.000	25.000		
0.0															
6	-2.7000	23.300	-4.5000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000		
0.0															
7	3.6600	23.300	-4.5000	Yes	Yes	No	0.0	67.000	25.000	0.0	0.0	67.000	25.000		
0.0															
8	3.6600	24.800	-4.5000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000		
0.0															



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Corner Side	x	y	Base	Arc	Stiffened	Linear	Prev.	Prev.	Prev.	Prev.	Side	Next	Next	Next	Next
			Level	Enabled				Side:	Side:	Side:	Transition	Side:	Side:	Side:	
Transition															
9 0.0	7.2800	24.800	-4.5000	Yes	Yes	Yes	0.0	67.000	25.000	0.0		0.0	67.000	25.000	
10 0.0	7.2800	23.300	-4.5000	Yes	Yes	No	0.0	67.000	25.000	0.0		0.0	67.000	25.000	
11 0.0	12.420	18.780	-4.5000	Yes	Yes	No	0.0	67.000	25.000	0.0		0.0	67.000	25.000	
12 0.0	17.880	18.780	-4.5000	Yes	Yes	Yes	0.0	67.000	25.000	0.0		0.0	67.000	25.000	
13 0.0	17.880	0.0	-4.5000	Yes	Yes	Yes	0.0	67.000	25.000	0.0		0.0	67.000	25.000	
Side	x1 [m]	y1 [m]	x2 [m]	y2 [m]	G.M. Curve: Vertical					G.M. Curve: Horizontal					
1	0.0	0.0	0.0	5.7400	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))					Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))					
2	0.0	5.7400	-5.7400	5.7400	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))					Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))					
3	-5.7400	5.7400	-5.7400	15.440	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))					Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))					
4	-5.7400	15.440	-2.7000	15.440	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))					Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))					
5	-2.7000	15.440	-2.7000	23.300	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))					Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))					
6	-2.7000	23.300	3.6600	23.300	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))					Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))					
7	3.6600	23.300	3.6600	24.800	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))					Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))					
8	3.6600	24.800	7.2800	24.800	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))					Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))					
9	7.2800	24.800	7.2800	23.300	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))					Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))					
10	7.2800	23.300	12.420	18.780	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))					Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))					
11	12.420	18.780	17.880	18.780	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))					Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))					
12	17.880	18.780	17.880	0.0	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))					Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))					
13	17.880	0.0	0.0	0.0	Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))					Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))					
Ref.				2											
Excavation Name:				Wall Installation Basement											
Surface level [m]:				0.0											
Contribution:				Positive											
Corner Side	x	y	Base	Arc	Stiffened	Linear	Prev.	Prev.	Prev.	Prev.	Side	Next	Next	Next	Next
			Level	Enabled				Side:	Side:	Side:	Transition	Side:	Side:	Side:	
Transition															
								d	p1	p2*	Zone				
Zone															
Fraction															
			[m]	[m]	[m]				[m]	[%]	[%]				
													[m]	[%]	[%]
1	0.0	0.0	-12.000	Yes	Yes	Yes	0.0	67.000	25.000	0.0		0.0	67.000	25.000	



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Corner Side	x	y	Base	Arc	Stiffened	Linear	Prev.	Prev.	Prev.	Prev.	Side	Next	Next	Next	Next
			Level	Enabled	Stiffening Side: Side: Side: Transition Side: Side: Side:										
Transition															
0.0	2	0.0	5.7400	-12.000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000	
0.0	3	-5.7400	5.7400	-12.000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000	
0.0	4	-5.7400	15.440	-12.000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000	
0.0	5	-2.7000	15.440	-12.000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000	
0.0	6	-2.7000	23.300	-12.000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000	
0.0	7	3.6600	23.300	-12.000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000	
0.0	8	3.6600	24.800	-12.000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000	
0.0	9	7.2800	24.800	-12.000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000	
0.0	10	7.2800	23.300	-12.000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000	
0.0	11	12.420	18.780	-12.000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000	
0.0	12	17.880	18.780	-12.000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000	
0.0	13	17.880	0.0	-12.000	Yes	Yes	Yes	0.0	67.000	25.000	0.0	0.0	67.000	25.000	
0.0															
Side	x1 [m]	y1 [m]	x2 [m]	y2 [m]	G.M. Curve: Vertical					G.M. Curve: Horizontal					
1	0.0	0.0	0.0	5.7400	Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(b))					Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))					
2	0.0	5.7400	-5.7400	5.7400	Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(b))					Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))					
3	-5.7400	5.7400	-5.7400	15.440	Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(b))					Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))					
4	-5.7400	15.440	-2.7000	15.440	Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(b))					Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))					
5	-2.7000	15.440	-2.7000	23.300	Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(b))					Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))					
6	-2.7000	23.300	3.6600	23.300	Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(b))					Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))					
7	3.6600	23.300	3.6600	24.800	Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(b))					Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))					
8	3.6600	24.800	7.2800	24.800	Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(b))					Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))					
9	7.2800	24.800	7.2800	23.300	Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(b))					Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))					
10	7.2800	23.300	12.420	18.780	Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(b))					Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))					
11	12.420	18.780	17.880	18.780	Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(b))					Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))					
12	17.880	18.780	17.880	0.0	Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(b))					Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))					
13	17.880	0.0	0.0	0.0	Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(b))					Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))					

Circular Excavations

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Side	x1 [m]	y1 [m]	x2 [m]	y2 [m]	G.M. Curve: Vertical	G.M. Curve: Horizontal
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Vertical Ground Movement Curves

Curve Name: Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(b))
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Settlement / wall depth or max. excavation depth (z) (%)]

[0.000,0.000,0.040] [2.000,0.000,0.000]

Curve Fitting Method: Polynomial
x Order: 1
y Order: 0
Polynomial: z = -2.0E-2x + 4.0E-2
Coeff. of Determination: 1.0

Curve Name: Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(b))
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Settlement / wall depth or max. excavation depth (z) (%)]

[0.000,0.000,0.039] [0.100,0.000,0.049] [0.200,0.000,0.056] [0.300,0.000,0.062]
 [0.400,0.000,0.067] [0.500,0.000,0.070] [0.600,0.000,0.072] [0.700,0.000,0.073]
 [0.800,0.000,0.073] [0.900,0.000,0.072] [1.000,0.000,0.070] [1.100,0.000,0.068]
 [1.200,0.000,0.065] [1.300,0.000,0.061] [1.400,0.000,0.058] [1.500,0.000,0.054]
 [1.600,0.000,0.050] [1.700,0.000,0.046] [1.800,0.000,0.042] [1.900,0.000,0.038]
 [2.000,0.000,0.034] [2.100,0.000,0.030] [2.200,0.000,0.027] [2.300,0.000,0.023]
 [2.400,0.000,0.020] [2.500,0.000,0.017] [2.600,0.000,0.014] [2.700,0.000,0.012]
 [2.800,0.000,0.010] [2.900,0.000,0.008] [3.000,0.000,0.007] [3.100,0.000,0.005]
 [3.200,0.000,0.004] [3.300,0.000,0.004] [3.400,0.000,0.003] [3.500,0.000,0.002]
 [3.600,0.000,0.002] [3.700,0.000,0.002] [3.800,0.000,0.001] [3.900,0.000,0.001]
 [4.000,0.000,0.000]

Curve Fitting Method: Polynomial
x Order: 4
y Order: 0
Polynomial: z = -2.6455E-3x⁴ + 2.8495E-2x³ - 1.0051E-1x² + 1.0569E-1x + 3.8990E-2
Coeff. of Determination: 9.9991E-1

Horizontal Ground Movement Curves

Curve Name: Inst. of contiguous bored pile wall in stiff clay (CIRIA C760 Fig. 6.8(a))
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Horizontal movement / wall depth or max. excavation depth (z) (%)]

[0.000,0.000,0.041] [0.050,0.000,0.038] [0.100,0.000,0.036] [0.150,0.000,0.034]
 [0.200,0.000,0.032] [0.250,0.000,0.030] [0.300,0.000,0.029] [0.350,0.000,0.027]
 [0.400,0.000,0.025] [0.450,0.000,0.023] [0.500,0.000,0.022] [0.550,0.000,0.020]
 [0.600,0.000,0.019] [0.650,0.000,0.018] [0.700,0.000,0.016] [0.750,0.000,0.015]
 [0.800,0.000,0.014] [0.850,0.000,0.013] [0.900,0.000,0.011] [0.950,0.000,0.010]
 [1.000,0.000,0.009] [1.050,0.000,0.008] [1.100,0.000,0.007] [1.150,0.000,0.006]
 [1.200,0.000,0.005] [1.250,0.000,0.004] [1.300,0.000,0.004] [1.350,0.000,0.003]
 [1.400,0.000,0.002] [1.450,0.000,0.001] [1.500,0.000,0.000]

Curve Fitting Method: Polynomial
x Order: 3
y Order: 0
Polynomial: z = -4.2486E-3x³ + 1.9096E-2x² - 4.6221E-2x + 4.0729E-2
Coeff. of Determination: 1.0000

Curve Name: Exc. in front of high stiffness wall in stiff clay (CIRIA C760 Fig. 6.15(a))
Coordinates: [Distance from wall / wall depth or max. excavation depth (x), Depth / wall depth or max. excavation depth (y), Horizontal movement / wall depth or max. excavation depth (z) (%)]

[0.000,0.000,0.150] [4.000,0.000,0.000]

Curve Fitting Method: Polynomial
x Order: 1
y Order: 0
Polynomial: z = -3.75E-2x + 1.50E-1



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Coeff. of Determination: 1.00

Damage Category Strains

Ref.	Name	0 (Negligible)	1 (Very Slight)	2 (Slight)	3 (Moderate)
		to 1 (Very Slight)	to 2 (Slight)	to 3 (Moderate)	to 4 (Severe)
1	Burland Strain Limits	0.0	500.00E-6	750.00E-6	0.0015000

Specific Buildings - Geometry

Ref.	Building Name	Sub-Building	Displacement	Line	Distance	Distance	Vertical
Vertical	Damage Category	Poisson's	E/G		Along	Along	Offsets from
Displacement	Strains	Name	Ratio		Line: Start	Line: End	Line for Vertical Movement
Sensitivity							Limit
					[m]	[m]	Calculations [m]
1	1 Braemar Avenue	North Wall	1	Braemar Ave North Wall	0.00000	9.00000	0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
2	1 Braemar Avenue	East Wall	1	Braemar Ave East Wall	0.00000	6.00000	0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
3	1 Braemar Avenue	South Wall	1	Braemar Ave South Wall	0.00000	9.00000	0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
4	1 Braemar Avenue	West Wall	1	Braemar Ave West Wall	0.00000	6.00000	0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
5	Braemar Ave Church	South Wall 1	1	Braemar Ave Church South Wall 1	0.00000	14.20000	0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
6	Braemar Ave Church	South Wall 2	2	Braemar Ave Church South Wall 2	0.00000	3.62000	0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
7	Braemar Ave Church	South Wall 3	3	Braemar Ave Church South Wall 3	0.00000	6.05900	0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
8	Braemar Ave Church	East Wall 1	1	Braemar Ave Church East Wall 1	0.00000	9.70000	0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
9	Braemar Ave Church	East Wall 2	2	Braemar Ave Church East Wall 2	0.00000	3.01900	0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
10	Braemar Ave Church	East Wall 3	3	Braemar Ave Church East Wall 3	0.00000	21.20000	0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
11	Braemar Ave Church	North Wall	1	Braemar Ave Church North Wall	0.00000	14.21900	0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
12	Braemar Ave Chuech	West Wall 1	1	Braemar Ave Church West Wall 1	0.00000	20.48000	0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
13	Braemar Ave Church	West Wall 2	2	Braemar Ave Church West Wall 2	0.00000	3.02000	0.0
0.10000	Burland Strain Limits	0.20000	2.6000				
14	Braemar Ave Church	West Wall 3	3	Braemar Ave Church West Wall 3	0.00000	6.80000	0.0
0.10000	Burland Strain Limits	0.20000	2.6000				

Specific Buildings - Bending Parameters

Ref.	Building Name	Sub-Building	Height	Default	Hogging:	Hogging:	Hogging:	Sagging:	Sagging:
Sagging:		Name							
of					2nd Mom.	Dist. of	Dist. of	2nd Mom.	Dist. of
from					of Area	Bending	N.A. from	of Area	Bending
of					(per unit	Strain	Edge of	(per unit	Strain
in					width)	from N.A.	Beam in	width)	from N.A.
							Tension		Beam



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Tension

				[m]		[m³]	[m]	[m]	[m³]	[m]	[m]
1	1	Braemar Avenue	North Wall	6.0000	Yes	72.000	6.0000	6.0000	18.000	3.0000	
3.0000											
2	1	Braemar Avenue	East Wall	6.0000	Yes	72.000	6.0000	6.0000	18.000	3.0000	
3.0000											
3	1	Braemar Avenue	South Wall	6.0000	Yes	72.000	6.0000	6.0000	18.000	3.0000	
3.0000											
4	1	Braemar Avenue	West Wall	6.0000	Yes	72.000	6.0000	6.0000	18.000	3.0000	
3.0000											
5		Braemar Ave Church	South Wall 1	5.7700	Yes	64.033	5.7700	5.7700	16.008	2.8850	
2.8850											
6		Braemar Ave Church	South Wall 2	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	
1.5000											
7		Braemar Ave Church	South Wall 3	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	
1.5000											
8		Braemar Ave Church	East Wall 1	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	
1.5000											
9		Braemar Ave Church	East Wall 2	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	
1.5000											
10		Braemar Ave Church	East Wall 3	6.7500	Yes	102.52	6.7500	6.7500	25.629	3.3750	
3.3750											
11		Braemar Ave Church	North Wall	8.0000	Yes	170.67	8.0000	8.0000	42.667	4.0000	
4.0000											
12		Braemar Ave Chuech	West Wall 1	6.7500	Yes	102.52	6.7500	6.7500	25.629	3.3750	
3.3750											
13		Braemar Ave Church	West Wall 2	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	
1.5000											
14		Braemar Ave Church	West Wall 3	3.0000	Yes	9.0000	3.0000	3.0000	2.2500	1.5000	
1.5000											



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Displacement Results - Displacement Lines

Stage: δz Ref.	Stage: δH // Name	Disp. δH perp. Line: Ref.	Disp. Line: Name Angle	Chainage	x	y	z	δx	δy
[mm]	[mm]	[mm]	[°]	[m]	[m]	[m]	[m]	[mm]	[mm]
0	Base Model 1	1	1 Braemar Ave North Wall	0.0	18.98000	-0.60000	-0.60000	-2.5307	0.99821
1.5482	0.99821	2.5307	90.000						
2.6652	0.0	6.3375	90.000	0.90000	18.98000	0.30000	-0.60000	-6.3375	0.0
2.6652	0.0	6.3375	90.000	1.8000	18.98000	1.20000	-0.60000	-6.3375	0.0
2.6652	0.0	6.3375	90.000	2.7000	18.98000	2.10000	-0.60000	-6.3375	0.0
2.6652	0.0	6.3375	90.000	3.6000	18.98000	3.00000	-0.60000	-6.3375	0.0
2.6652	0.0	6.3375	90.000	4.5000	18.98000	3.90000	-0.60000	-6.3375	0.0
2.6652	0.0	6.3375	90.000	5.4000	18.98000	4.80000	-0.60000	-6.3375	0.0
2.6652	0.0	6.3375	90.000	6.3000	18.98000	5.70000	-0.60000	-6.3375	0.0
2.6652	0.0	6.3375	90.000	7.2000	18.98000	6.60000	-0.60000	-6.3375	0.0
2.6652	0.0	6.3375	90.000	8.1000	18.98000	7.50000	-0.60000	-6.3375	0.0
2.6652	0.0	6.3375	90.000	9.0000	18.98000	8.40000	-0.60000	-6.3375	0.0
2.6652	0.0	6.3375	90.000	0.0	18.98000	8.40000	-0.60000	-6.3375	0.0
2.6652	-6.3375	2	1 Braemar Ave East Wall	0.0	18.98000	8.40000	-0.60000	-6.3375	0.0
2.9726	-6.1125	0.0	0.0	0.60000	19.58000	8.40000	-0.60000	-6.1125	0.0
3.1671	-5.8875	0.0	0.0	1.2000	20.18000	8.40000	-0.60000	-5.8875	0.0
3.2639	-5.6625	0.0	0.0	1.8000	20.78000	8.40000	-0.60000	-5.6625	0.0
3.2775	-5.4375	0.0	0.0	2.4000	21.38000	8.40000	-0.60000	-5.4375	0.0
3.2213	-5.2125	0.0	0.0	3.0000	21.98000	8.40000	-0.60000	-5.2125	0.0
3.1076	-4.9875	0.0	0.0	3.6000	22.58000	8.40000	-0.60000	-4.9875	0.0
2.9483	-4.7625	0.0	0.0	4.2000	23.18000	8.40000	-0.60000	-4.7625	0.0
2.7539	-4.5375	0.0	0.0	4.8000	23.78000	8.40000	-0.60000	-4.5375	0.0
2.5343	-4.3125	0.0	0.0	5.4000	24.38000	8.40000	-0.60000	-4.3125	0.0
2.2984	-4.0875	0.0	0.0	6.0000	24.98000	8.40000	-0.60000	-4.0875	0.0
2.2984	0.0	3	1 Braemar Ave South Wall	0.0	24.98000	8.40000	-0.60000	-4.0875	0.0
2.2984	0.0	-4.0875	270.00	0.90000	24.98000	7.50000	-0.60000	-4.0875	0.0
2.2984	0.0	-4.0875	270.00	1.8000	24.98000	6.60000	-0.60000	-4.0875	0.0
2.2984	0.0	-4.0875	270.00	2.7000	24.98000	5.70000	-0.60000	-4.0875	0.0
2.2984	0.0	-4.0875	270.00	3.6000	24.98000	4.80000	-0.60000	-4.0875	0.0
2.2984	0.0	-4.0875	270.00	4.5000	24.98000	3.90000	-0.60000	-4.0875	0.0
2.2984	0.0	-4.0875	270.00	5.4000	24.98000	3.00000	-0.60000	-4.0875	0.0
2.2984	0.0	-4.0875	270.00	6.3000	24.98000	2.10000	-0.60000	-4.0875	0.0
2.2984	0.0	-4.0875	270.00	7.2000	24.98000	1.20000	-0.60000	-4.0875	0.0



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517419		
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Stage: δz Ref.	Stage: δH // Name	Disp. δ Perp. Line: Ref.	Disp. Angle	Line: Name	Chainage	x	y	z	δx	δy
2.2984	0.0	-4.0875	270.00							
2.2984	0.0	-4.0875	270.00		8.1000	24.98000	0.30000	-0.60000	-4.0875	0.0
2.2984	0.0	-4.0875	270.00		9.0000	24.98000	-0.60000	-0.60000	-2.5484	0.10944
1.4913	-0.10944	-2.5484	270.00							
1.4913	2.5484	-0.10944	180.00	4 1 Braemar Ave West Wall	0.0	24.98000	-0.60000	-0.60000	-2.5484	0.10944
1.6406	2.6707	-0.12605	180.00		0.60000	24.38000	-0.60000	-0.60000	-2.6707	0.12605
1.7778	2.7872	-0.14601	180.00		1.2000	23.78000	-0.60000	-0.60000	-2.7872	0.14601
1.8969	2.8960	-0.17043	180.00		1.8000	23.18000	-0.60000	-0.60000	-2.8960	0.17043
1.9910	2.9944	-0.20100	180.00		2.4000	22.58000	-0.60000	-0.60000	-2.9944	0.20100
2.0528	3.0776	-0.24034	180.00		3.0000	21.98000	-0.60000	-0.60000	-3.0776	0.24034
2.0741	3.1384	-0.29282	180.00		3.6000	21.38000	-0.60000	-0.60000	-3.1384	0.29282
2.0458	3.1632	-0.36623	180.00		4.2000	20.78000	-0.60000	-0.60000	-3.1632	0.36623
1.9578	3.1258	-0.47588	180.00		4.8000	20.18000	-0.60000	-0.60000	-3.1258	0.47588
1.7977	2.9675	-0.65599	180.00		5.4000	19.58000	-0.60000	-0.60000	-2.9675	0.65599
1.5482	2.5307	-0.99821	180.00		6.0000	18.98000	-0.60000	-0.60000	-2.5307	0.99821
4.3226	2.6437	-4.7492	90.000	5 Braemar Ave Church South Wall 1	0.0	-6.92000	2.44000	-0.80000	4.7492	2.6437
4.0971	2.1911	-5.2108	90.000		1.4200	-6.92000	3.86000	-0.80000	5.2108	2.1911
3.9991	0.74246	-7.1120	90.000		2.8400	-6.92000	5.28000	-0.80000	7.1120	0.74246
2.7133	0.0	-6.3075	90.000		4.2600	-6.92000	6.70000	-0.80000	6.3075	0.0
2.7133	0.0	-6.3075	90.000		5.6800	-6.92000	8.12000	-0.80000	6.3075	0.0
2.7133	0.0	-6.3075	90.000		7.1000	-6.92000	9.54000	-0.80000	6.3075	0.0
2.7133	0.0	-6.3075	90.000		8.5200	-6.92000	10.96000	-0.80000	6.3075	0.0
2.7133	0.0	-6.3075	90.000		9.9400	-6.92000	12.38000	-0.80000	6.3075	0.0
2.7133	0.0	-6.3075	90.000		11.360	-6.92000	13.80000	-0.80000	6.3075	0.0
2.7133	0.0	-6.3075	90.000		12.780	-6.92000	15.22000	-0.80000	6.3075	0.0
4.6909	-1.5572	-6.6809	90.000		14.200	-6.92000	16.64000	-0.80000	6.6809	-1.5572
4.6909	6.6809	-1.5572	0.0	6 Braemar Ave Church South Wall 2	0.0	-6.92000	16.64000	-0.80000	6.6809	-1.5572
4.7975	6.4851	-2.1722	0.0		0.36200	-6.55800	16.64000	-0.80000	6.4851	-2.1722
4.9172	6.1636	-2.9826	0.0		0.72400	-6.19600	16.64000	-0.80000	6.1636	-2.9826
5.0594	5.7315	-3.9568	0.0		1.0860	-5.83400	16.64000	-0.80000	5.7315	-3.9568
5.9757	5.7105	-6.3000	0.0		1.4480	-5.47200	16.64000	-0.80000	5.7105	-6.3000
5.9166	5.8463	-6.3000	0.0		1.8100	-5.11000	16.64000	-0.80000	5.8463	-6.3000
5.8231	5.9820	-6.3000	0.0		2.1720	-4.74800	16.64000	-0.80000	5.9820	-6.3000
5.6917	6.1177	-6.3000	0.0		2.5340	-4.38600	16.64000	-0.80000	6.1177	-6.3000
5.5191	6.2535	-6.3000	0.0		2.8960	-4.02400	16.64000	-0.80000	6.2535	-6.3000
5.3019	6.3892	-6.3000	0.0		3.2580	-3.66200	16.64000	-0.80000	6.3892	-6.3000
5.0363	6.5250	-6.3000	0.0		3.6200	-3.30000	16.64000	-0.80000	6.5250	-6.3000



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Stage: δz Ref.	Stage: δH // Name	Disp. δ Perp. Line: Ref.	Disp. Angle	Line: Name	Chainage	x	y	z	δx	δy
5.0363	-6.3000	7 -6.5250	90.000	Braemar Ave Church South Wall 3	0.0	-3.30000	16.64000	-0.80000	6.5250	-6.3000
					0.60600	-3.30000	17.24600	-0.80000	6.5250	-6.0727
5.3260	-6.0727	-6.5250	90.000		1.2120	-3.30000	17.85200	-0.80000	6.5250	-5.8455
5.5034	-5.8455	-6.5250	90.000		1.8180	-3.30000	18.45800	-0.80000	6.5250	-5.6182
5.5841	-5.6182	-6.5250	90.000		2.4240	-3.30000	19.06400	-0.80000	6.5250	-5.3910
5.5825	-5.3910	-6.5250	90.000		3.0300	-3.30000	19.67000	-0.80000	6.5250	-5.1637
5.5124	-5.1637	-6.5250	90.000		3.6360	-3.30000	20.27600	-0.80000	6.5250	-4.9365
5.3864	-4.9365	-6.5250	90.000		4.2420	-3.30000	20.88200	-0.80000	6.5250	-4.7093
5.2164	-4.7093	-6.5250	90.000		4.8480	-3.30000	21.48800	-0.80000	6.5250	-4.4820
5.0130	-4.4820	-6.5250	90.000		5.4540	-3.30000	22.09400	-0.80000	6.5250	-4.2547
4.7863	-4.2547	-6.5250	90.000		6.0600	-3.30000	22.70000	-0.80000	6.5250	-4.0275
4.5451	-4.0275	-6.5250	90.000		0.0	-3.30000	22.70000	-0.80000	6.5250	-4.0275
4.5451	-6.5250	8 4.0275	180.00	Braemar Ave Church East Wall 1	0.0	-3.30000	22.70000	-0.80000	6.5250	-4.0275
					0.97000	-4.27000	22.70000	-0.80000	6.1612	-4.0275
5.1499	-6.1612	4.0275	180.00		1.9400	-5.24000	22.70000	-0.80000	5.7975	-4.0275
5.4505	-5.7975	4.0275	180.00		2.9100	-6.21000	22.70000	-0.80000	5.5165	-2.5556
4.7385	-5.5165	2.5556	180.00		3.8800	-7.18000	22.70000	-0.80000	5.3177	-2.2467
4.5211	-5.3177	2.2467	180.00		4.8500	-8.15000	22.70000	-0.80000	5.1022	-1.9353
4.1488	-5.1022	1.9353	180.00		5.8200	-9.12000	22.70000	-0.80000	4.8622	-1.6374
3.6745	-4.8622	1.6374	180.00		6.7900	-10.09000	22.70000	-0.80000	4.5932	-1.3637
3.1448	-4.5932	1.3637	180.00		7.7600	-11.06000	22.70000	-0.80000	4.2943	-1.1198
2.5995	-4.2943	1.1198	180.00		8.7300	-12.03000	22.70000	-0.80000	3.9666	-0.90725
2.0717	-3.9666	0.90725	180.00		9.7000	-13.00000	22.70000	-0.80000	3.6125	-0.72495
1.5877	-3.6125	0.72495	180.00		0.0	-13.00000	22.70000	-0.80000	3.6125	-0.72495
1.5877	0.72495	9 3.6125	270.00	Braemar Ave Church East Wall 2	0.0	-13.00000	22.70000	-0.80000	3.6125	-0.72495
					0.30200	-13.00000	22.39800	-0.80000	3.6661	-0.72462
1.6290	0.72462	3.6661	270.00		0.60400	-13.00000	22.09600	-0.80000	3.7225	-0.72192
1.6715	0.72192	3.7225	270.00		0.90600	-13.00000	21.79400	-0.80000	3.7818	-0.71677
1.7150	0.71677	3.7818	270.00		1.2080	-13.00000	21.49200	-0.80000	3.8440	-0.70906
1.7595	0.70906	3.8440	270.00		1.5100	-13.00000	21.19000	-0.80000	3.9093	-0.69873
1.8046	0.69873	3.9093	270.00		1.8120	-13.00000	20.88800	-0.80000	3.9775	-0.68569
1.8504	0.68569	3.9775	270.00		2.1140	-13.00000	20.58600	-0.80000	4.0488	-0.66988
1.8965	0.66988	4.0488	270.00		2.4160	-13.00000	20.28400	-0.80000	4.1231	-0.65123
1.9429	0.65123	4.1231	270.00		2.7180	-13.00000	19.98200	-0.80000	4.2005	-0.62969
1.9893	0.62969	4.2005	270.00		3.0200	-13.00000	19.68000	-0.80000	4.2808	-0.60525
2.0355	0.60525	4.2808	270.00		0.0	-13.00000	19.68000	-0.80000	4.2808	-0.60525
2.0355	-4.2808	10 0.60525	180.00	Braemar Ave Church East Wall 3	0.0	-13.00000	19.68000	-0.80000	4.2808	-0.60525
					2.1200	-15.12000	19.68000	-0.80000	3.3726	-0.39052
1.0909	-3.3726	0.39052	180.00		4.2400	-17.24000	19.68000	-0.80000	2.3337	-0.24216



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Stage: δz Ref.	Stage: δH // Name	Disp. δ Perp. Line: Ref.	Angle	Disp. Line: Name	Chainage	x	y	z	δx	δy
0.48844	-2.3337	0.24216	180.00		6.3600	-19.36000	19.68000	-0.80000	1.2149	-0.13456
0.20023	-1.2149	0.13456	180.00		8.4800	-21.48000	19.68000	-0.80000	0.33721	-0.053361
0.053878	-0.33721	0.053361	180.00		10.600	-23.60000	19.68000	-0.80000	0.0	0.0
0.0	0.0	0.0	180.00		12.720	-25.72000	19.68000	-0.80000	0.0	0.0
0.0	0.0	0.0	180.00		14.840	-27.84000	19.68000	-0.80000	0.0	0.0
0.0	0.0	0.0	180.00		16.960	-29.96000	19.68000	-0.80000	0.0	0.0
0.0	0.0	0.0	180.00		19.080	-32.08000	19.68000	-0.80000	0.0	0.0
0.0	0.0	0.0	180.00		21.200	-34.20000	19.68000	-0.80000	0.0	0.0
0.0	0.0	11	180.00	Braemar Ave Church North Wall	0.0	-34.20000	19.68000	-0.80000	0.0	0.0
0.0	0.0	0.0	270.00		1.4220	-34.20000	18.25800	-0.80000	0.0	0.0
0.0	0.0	0.0	270.00		2.8440	-34.20000	16.83600	-0.80000	0.0	0.0
0.0	0.0	0.0	270.00		4.2660	-34.20000	15.41400	-0.80000	0.0	0.0
0.0	0.0	0.0	270.00		5.6880	-34.20000	13.99200	-0.80000	0.0	0.0
0.0	0.0	0.0	270.00		7.1100	-34.20000	12.57000	-0.80000	0.0	0.0
0.0	0.0	0.0	270.00		8.5320	-34.20000	11.14800	-0.80000	0.0	0.0
0.0	0.0	0.0	270.00		9.9540	-34.20000	9.72600	-0.80000	0.0	0.0
0.0	0.0	0.0	270.00		11.376	-34.20000	8.30400	-0.80000	0.0	0.0
0.0	0.0	0.0	270.00		12.798	-34.20000	6.88200	-0.80000	0.0	0.0
0.0	0.0	0.0	270.00		14.220	-34.20000	5.46000	-0.80000	0.0	0.0
0.0	0.0	12	270.00	Braemar Ave Church West Wall 1	0.0	-34.20000	5.46000	-0.80000	0.0	0.0
0.0	0.0	0.0	0.0		2.0480	-32.15200	5.46000	-0.80000	0.0	0.0
0.0	0.0	0.0	0.0		4.0960	-30.10400	5.46000	-0.80000	0.0	0.0
0.0	0.0	0.0	0.0		6.1440	-28.05600	5.46000	-0.80000	0.0	0.0
0.0	0.0	0.0	0.0		8.1920	-26.00800	5.46000	-0.80000	0.0	0.0
0.0	0.0	0.0	0.0		10.240	-23.96000	5.46000	-0.80000	0.0	0.0
0.0	0.0	0.0	0.0		12.288	-21.91200	5.46000	-0.80000	0.45234	0.0037725
0.061729	0.45234	0.0037725	0.0		14.336	-19.86400	5.46000	-0.80000	0.95775	0.0091643
0.14751	0.95775	0.0091643	0.0		16.384	-17.81600	5.46000	-0.80000	1.5291	0.016384
0.38526	1.5291	0.016384	0.0		18.432	-15.76800	5.46000	-0.80000	2.7944	0.026550
0.87014	2.7944	0.026550	0.0		20.480	-13.72000	5.46000	-0.80000	4.0509	0.041929
1.5510	4.0509	0.041929	0.0		0.0	4.00000	0.00000	0.00000	0.0	11.637
6.5546	-11.637	0.0	270.00	Braemar Ave Rd Displacement Line	1.6200	4.00000	-1.62000	0.00000	0.0	10.322
7.4144	-10.322	0.0	270.00		3.2400	4.00000	-3.24000	0.00000	0.0	9.0819
7.4330	-9.0819	0.0	270.00		4.8600	4.00000	-4.86000	0.00000	0.0	7.9106
6.8972	-7.9106	0.0	270.00		6.4800	4.00000	-6.48000	0.00000	0.0	6.8003
6.0459	-6.8003	0.0	270.00							



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Stage: δz Ref.	Stage: δH // Name	Disp. δ Perp. Line: Ref.	Angle	Disp. Line: Name	Chainage	x	y	z	δx	δy
5.0703	-5.7433	0.0	270.00		8.1000	4.00000	-8.10000	0.00000	0.0	5.7433
4.1133	-4.7323	0.0	270.00		9.7200	4.00000	-9.72000	0.00000	0.0	4.7323
3.2699	-3.7596	0.0	270.00		11.340	4.00000	-11.34000	0.00000	0.0	3.7596
2.5871	-2.8178	0.0	270.00		12.960	4.00000	-12.96000	0.00000	0.0	2.8178
2.0640	-1.8993	0.0	270.00		14.580	4.00000	-14.58000	0.00000	0.0	1.8993
1.6517	-0.99653	0.0	270.00		16.200	4.00000	-16.20000	0.00000	0.0	0.99653
1.5510	-0.041929	4.0509	270.00	14 Braemar Ave Church West Wall 2	0.0	-13.72000	5.46000	-0.80000	4.0509	0.041929
1.5309	-0.086892	3.9712	270.00		0.30200	-13.72000	5.15800	-0.80000	3.9712	0.086892
1.5079	-0.13131	3.8897	270.00		0.60400	-13.72000	4.85600	-0.80000	3.8897	0.13131
1.4823	-0.17492	3.8066	270.00		0.90600	-13.72000	4.55400	-0.80000	3.8066	0.17492
1.4543	-0.21746	3.7226	270.00		1.2080	-13.72000	4.25200	-0.80000	3.7226	0.21746
1.4240	-0.25870	3.6381	270.00		1.5100	-13.72000	3.95000	-0.80000	3.6381	0.25870
1.3918	-0.29840	3.5535	270.00		1.8120	-13.72000	3.64800	-0.80000	3.5535	0.29840
1.3577	-0.33637	3.4691	270.00		2.1140	-13.72000	3.34600	-0.80000	3.4691	0.33637
1.3221	-0.37245	3.3855	270.00		2.4160	-13.72000	3.04400	-0.80000	3.3855	0.37245
1.2850	-0.40647	3.3028	270.00		2.7180	-13.72000	2.74200	-0.80000	3.3028	0.40647
1.2468	-0.43832	3.2215	270.00		3.0200	-13.72000	2.44000	-0.80000	3.2215	0.43832
1.2468	3.2215	0.43832	0.0	15 Braemar Ave Church West Wall 3	0.0	-13.72000	2.44000	-0.80000	3.2215	0.43832
1.4795	3.5192	0.50621	0.0		0.68000	-13.04000	2.44000	-0.80000	3.5192	0.50621
1.7336	3.7957	0.58529	0.0		1.3600	-12.36000	2.44000	-0.80000	3.7957	0.58529
2.0042	4.0458	0.67824	0.0		2.0400	-11.68000	2.44000	-0.80000	4.0458	0.67824
2.2848	4.2626	0.78857	0.0		2.7200	-11.00000	2.44000	-0.80000	4.2626	0.78857
2.5672	4.4372	0.92080	0.0		3.4000	-10.32000	2.44000	-0.80000	4.4372	0.92080
2.8422	4.5585	1.0806	0.0		4.0800	-9.64000	2.44000	-0.80000	4.5585	1.0806
3.1169	4.6256	1.2882	0.0		4.7600	-8.96000	2.44000	-0.80000	4.6256	1.2882
3.5127	4.7284	1.6561	0.0		5.4400	-8.28000	2.44000	-0.80000	4.7284	1.6561
3.9163	4.7707	2.1080	0.0		6.1200	-7.60000	2.44000	-0.80000	4.7707	2.1080
4.3226	4.7492	2.6437	0.0		6.8000	-6.92000	2.44000	-0.80000	4.7492	2.6437
1.7546	-6.7500	0.0	90.000	16 New River Footpath	0.0	4.66000	24.80000	-1.00000	0.0	-6.7500
2.6149	-6.3675	0.0	90.000		1.0200	4.66000	25.82000	-1.00000	0.0	-6.3675
3.0956	-5.9850	0.0	90.000		2.0400	4.66000	26.84000	-1.00000	0.0	-5.9850
3.2751	-5.6025	0.0	90.000		3.0600	4.66000	27.86000	-1.00000	0.0	-5.6025
3.2241	-5.2200	0.0	90.000		4.0800	4.66000	28.88000	-1.00000	0.0	-5.2200
3.0058	-4.8375	0.0	90.000		5.1000	4.66000	29.90000	-1.00000	0.0	-4.8375
2.6758	-4.4550	0.0	90.000		6.1200	4.66000	30.92000	-1.00000	0.0	-4.4550
					7.1400	4.66000	31.94000	-1.00000	0.0	-4.0725



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: δz Ref.	Stage: δH // Name	Disp. δH perp. Line: Ref.	Angle	Disp. Line: Name	Chainage	x	y	z	δx	δy
2.2823	-4.0725	0.0	90.000							
					8.1600	4.66000	32.96000	-1.00000	0.0	-3.6900
1.8658	-3.6900	0.0	90.000							
					9.1800	4.66000	33.98000	-1.00000	0.0	-3.3075
1.4594	-3.3075	0.0	90.000							
					10.200	4.66000	35.00000	-1.00000	0.0	-2.9250
1.0885	-2.9250	0.0	90.000							

Displacement Results - Displacement Grids

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
0	Base Model 1		Ground Level	-40.00000	-30.00000	0.00000	0.0	0.0	0.0
				-39.00000	-30.00000	0.00000	0.0	0.0	0.0
				-38.00000	-30.00000	0.00000	0.0	0.0	0.0
				-37.00000	-30.00000	0.00000	0.0	0.0	0.0
				-36.00000	-30.00000	0.00000	0.0	0.0	0.0
				-35.00000	-30.00000	0.00000	0.0	0.0	0.0
				-34.00000	-30.00000	0.00000	0.0	0.0	0.0
				-33.00000	-30.00000	0.00000	0.0	0.0	0.0
				-32.00000	-30.00000	0.00000	0.0	0.0	0.0
				-31.00000	-30.00000	0.00000	0.0	0.0	0.0
				-30.00000	-30.00000	0.00000	0.0	0.0	0.0
				-29.00000	-30.00000	0.00000	0.0	0.0	0.0
				-28.00000	-30.00000	0.00000	0.0	0.0	0.0
				-27.00000	-30.00000	0.00000	0.0	0.0	0.0
				-26.00000	-30.00000	0.00000	0.0	0.0	0.0
				-25.00000	-30.00000	0.00000	0.0	0.0	0.0
				-24.00000	-30.00000	0.00000	0.0	0.0	0.0
				-23.00000	-30.00000	0.00000	0.0	0.0	0.0
				-22.00000	-30.00000	0.00000	0.0	0.0	0.0
				-21.00000	-30.00000	0.00000	0.0	0.0	0.0
				-20.00000	-30.00000	0.00000	0.0	0.0	0.0
				-19.00000	-30.00000	0.00000	0.0	0.0	0.0
				-18.00000	-30.00000	0.00000	0.0	0.0	0.0
				-17.00000	-30.00000	0.00000	0.0	0.0	0.0
				-16.00000	-30.00000	0.00000	0.0	0.0	0.0
				-15.00000	-30.00000	0.00000	0.0	0.0	0.0
				-14.00000	-30.00000	0.00000	0.0	0.0	0.0
				-13.00000	-30.00000	0.00000	0.0	0.0	0.0
				-12.00000	-30.00000	0.00000	0.0	0.0	0.0
				-11.00000	-30.00000	0.00000	0.0	0.0	0.0
				-10.00000	-30.00000	0.00000	0.0	0.0	0.0
				-9.00000	-30.00000	0.00000	0.0	0.0	0.0
				-8.00000	-30.00000	0.00000	0.0	0.0	0.0
				-7.00000	-30.00000	0.00000	0.0	0.0	0.0
				-6.00000	-30.00000	0.00000	0.0	0.0	0.0
				-5.00000	-30.00000	0.00000	0.0	0.0	0.0
				-4.00000	-30.00000	0.00000	0.0	0.0	0.0
				-3.00000	-30.00000	0.00000	0.0	0.0	0.0
				-2.00000	-30.00000	0.00000	0.0	0.0	0.0
				-1.00000	-30.00000	0.00000	0.0	0.0	0.0
				0.00000	-30.00000	0.00000	0.0	0.0	0.0
				1.00000	-30.00000	0.00000	0.0	0.0	0.0
				2.00000	-30.00000	0.00000	0.0	0.0	0.0
				3.00000	-30.00000	0.00000	0.0	0.0	0.0
				4.00000	-30.00000	0.00000	0.0	0.0	0.0
				5.00000	-30.00000	0.00000	0.0	0.0	0.0
				6.00000	-30.00000	0.00000	0.0	0.0	0.0
				7.00000	-30.00000	0.00000	0.0	0.0	0.0
				8.00000	-30.00000	0.00000	0.0	0.0	0.0
				9.00000	-30.00000	0.00000	0.0	0.0	0.0
				10.00000	-30.00000	0.00000	0.0	0.0	0.0
				11.00000	-30.00000	0.00000	0.0	0.0	0.0
				12.00000	-30.00000	0.00000	0.0	0.0	0.0
				13.00000	-30.00000	0.00000	0.0	0.0	0.0
				14.00000	-30.00000	0.00000	0.0	0.0	0.0



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	-30.00000	0.00000	0.0	0.0	0.0
				16.00000	-30.00000	0.00000	0.0	0.0	0.0
				17.00000	-30.00000	0.00000	0.0	0.0	0.0
				18.00000	-30.00000	0.00000	0.0	0.0	0.0
				19.00000	-30.00000	0.00000	0.0	0.0	0.0
				20.00000	-30.00000	0.00000	0.0	0.0	0.0
				21.00000	-30.00000	0.00000	0.0	0.0	0.0
				22.00000	-30.00000	0.00000	0.0	0.0	0.0
				23.00000	-30.00000	0.00000	0.0	0.0	0.0
				24.00000	-30.00000	0.00000	0.0	0.0	0.0
				25.00000	-30.00000	0.00000	0.0	0.0	0.0
				26.00000	-30.00000	0.00000	0.0	0.0	0.0
				27.00000	-30.00000	0.00000	0.0	0.0	0.0
				28.00000	-30.00000	0.00000	0.0	0.0	0.0
				29.00000	-30.00000	0.00000	0.0	0.0	0.0
				30.00000	-30.00000	0.00000	0.0	0.0	0.0
				-40.00000	-29.00000	0.00000	0.0	0.0	0.0
				-39.00000	-29.00000	0.00000	0.0	0.0	0.0
				-38.00000	-29.00000	0.00000	0.0	0.0	0.0
				-37.00000	-29.00000	0.00000	0.0	0.0	0.0
				-36.00000	-29.00000	0.00000	0.0	0.0	0.0
				-35.00000	-29.00000	0.00000	0.0	0.0	0.0
				-34.00000	-29.00000	0.00000	0.0	0.0	0.0
				-33.00000	-29.00000	0.00000	0.0	0.0	0.0
				-32.00000	-29.00000	0.00000	0.0	0.0	0.0
				-31.00000	-29.00000	0.00000	0.0	0.0	0.0
				-30.00000	-29.00000	0.00000	0.0	0.0	0.0
				-29.00000	-29.00000	0.00000	0.0	0.0	0.0
				-28.00000	-29.00000	0.00000	0.0	0.0	0.0
				-27.00000	-29.00000	0.00000	0.0	0.0	0.0
				-26.00000	-29.00000	0.00000	0.0	0.0	0.0
				-25.00000	-29.00000	0.00000	0.0	0.0	0.0
				-24.00000	-29.00000	0.00000	0.0	0.0	0.0
				-23.00000	-29.00000	0.00000	0.0	0.0	0.0
				-22.00000	-29.00000	0.00000	0.0	0.0	0.0
				-21.00000	-29.00000	0.00000	0.0	0.0	0.0
				-20.00000	-29.00000	0.00000	0.0	0.0	0.0
				-19.00000	-29.00000	0.00000	0.0	0.0	0.0
				-18.00000	-29.00000	0.00000	0.0	0.0	0.0
				-17.00000	-29.00000	0.00000	0.0	0.0	0.0
				-16.00000	-29.00000	0.00000	0.0	0.0	0.0
				-15.00000	-29.00000	0.00000	0.0	0.0	0.0
				-14.00000	-29.00000	0.00000	0.0	0.0	0.0
				-13.00000	-29.00000	0.00000	0.0	0.0	0.0
				-12.00000	-29.00000	0.00000	0.0	0.0	0.0
				-11.00000	-29.00000	0.00000	0.0	0.0	0.0
				-10.00000	-29.00000	0.00000	0.0	0.0	0.0
				-9.00000	-29.00000	0.00000	0.0	0.0	0.0
				-8.00000	-29.00000	0.00000	0.0	0.0	0.0
				-7.00000	-29.00000	0.00000	0.0	0.0	0.0
				-6.00000	-29.00000	0.00000	0.0	0.0	0.0
				-5.00000	-29.00000	0.00000	0.0	0.0	0.0
				-4.00000	-29.00000	0.00000	0.0	0.0	0.0
				-3.00000	-29.00000	0.00000	0.0	0.0	0.0
				-2.00000	-29.00000	0.00000	0.0	0.0	0.0
				-1.00000	-29.00000	0.00000	0.0	0.0	0.0
				0.00000	-29.00000	0.00000	0.0	0.0	0.0
				1.00000	-29.00000	0.00000	0.0	0.0	0.0
				2.00000	-29.00000	0.00000	0.0	0.0	0.0
				3.00000	-29.00000	0.00000	0.0	0.0	0.0
				4.00000	-29.00000	0.00000	0.0	0.0	0.0
				5.00000	-29.00000	0.00000	0.0	0.0	0.0
				6.00000	-29.00000	0.00000	0.0	0.0	0.0
				7.00000	-29.00000	0.00000	0.0	0.0	0.0
				8.00000	-29.00000	0.00000	0.0	0.0	0.0
				9.00000	-29.00000	0.00000	0.0	0.0	0.0
				10.00000	-29.00000	0.00000	0.0	0.0	0.0
				11.00000	-29.00000	0.00000	0.0	0.0	0.0
				12.00000	-29.00000	0.00000	0.0	0.0	0.0
				13.00000	-29.00000	0.00000	0.0	0.0	0.0
				14.00000	-29.00000	0.00000	0.0	0.0	0.0



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	-29.00000	0.00000	0.0	0.0	0.0
				16.00000	-29.00000	0.00000	0.0	0.0	0.0
				17.00000	-29.00000	0.00000	0.0	0.0	0.0
				18.00000	-29.00000	0.00000	0.0	0.0	0.0
				19.00000	-29.00000	0.00000	0.0	0.0	0.0
				20.00000	-29.00000	0.00000	0.0	0.0	0.0
				21.00000	-29.00000	0.00000	0.0	0.0	0.0
				22.00000	-29.00000	0.00000	0.0	0.0	0.0
				23.00000	-29.00000	0.00000	0.0	0.0	0.0
				24.00000	-29.00000	0.00000	0.0	0.0	0.0
				25.00000	-29.00000	0.00000	0.0	0.0	0.0
				26.00000	-29.00000	0.00000	0.0	0.0	0.0
				27.00000	-29.00000	0.00000	0.0	0.0	0.0
				28.00000	-29.00000	0.00000	0.0	0.0	0.0
				29.00000	-29.00000	0.00000	0.0	0.0	0.0
				30.00000	-29.00000	0.00000	0.0	0.0	0.0
				-40.00000	-28.00000	0.00000	0.0	0.0	0.0
				-39.00000	-28.00000	0.00000	0.0	0.0	0.0
				-38.00000	-28.00000	0.00000	0.0	0.0	0.0
				-37.00000	-28.00000	0.00000	0.0	0.0	0.0
				-36.00000	-28.00000	0.00000	0.0	0.0	0.0
				-35.00000	-28.00000	0.00000	0.0	0.0	0.0
				-34.00000	-28.00000	0.00000	0.0	0.0	0.0
				-33.00000	-28.00000	0.00000	0.0	0.0	0.0
				-32.00000	-28.00000	0.00000	0.0	0.0	0.0
				-31.00000	-28.00000	0.00000	0.0	0.0	0.0
				-30.00000	-28.00000	0.00000	0.0	0.0	0.0
				-29.00000	-28.00000	0.00000	0.0	0.0	0.0
				-28.00000	-28.00000	0.00000	0.0	0.0	0.0
				-27.00000	-28.00000	0.00000	0.0	0.0	0.0
				-26.00000	-28.00000	0.00000	0.0	0.0	0.0
				-25.00000	-28.00000	0.00000	0.0	0.0	0.0
				-24.00000	-28.00000	0.00000	0.0	0.0	0.0
				-23.00000	-28.00000	0.00000	0.0	0.0	0.0
				-22.00000	-28.00000	0.00000	0.0	0.0	0.0
				-21.00000	-28.00000	0.00000	0.0	0.0	0.0
				-20.00000	-28.00000	0.00000	0.0	0.0	0.0
				-19.00000	-28.00000	0.00000	0.0	0.0	0.0
				-18.00000	-28.00000	0.00000	0.0	0.0	0.0
				-17.00000	-28.00000	0.00000	0.0	0.0	0.0
				-16.00000	-28.00000	0.00000	0.0	0.0	0.0
				-15.00000	-28.00000	0.00000	0.0	0.0	0.0
				-14.00000	-28.00000	0.00000	0.0	0.0	0.0
				-13.00000	-28.00000	0.00000	0.0	0.0	0.0
				-12.00000	-28.00000	0.00000	0.0	0.0	0.0
				-11.00000	-28.00000	0.00000	0.0	0.0	0.0
				-10.00000	-28.00000	0.00000	0.0	0.0	0.0
				-9.00000	-28.00000	0.00000	0.0	0.0	0.0
				-8.00000	-28.00000	0.00000	0.0	0.0	0.0
				-7.00000	-28.00000	0.00000	0.0	0.0	0.0
				-6.00000	-28.00000	0.00000	0.0	0.0	0.0
				-5.00000	-28.00000	0.00000	0.0	0.0	0.0
				-4.00000	-28.00000	0.00000	0.0	0.0	0.0
				-3.00000	-28.00000	0.00000	0.0	0.0	0.0
				-2.00000	-28.00000	0.00000	0.0	0.0	0.0
				-1.00000	-28.00000	0.00000	0.0	0.0	0.0
				0.00000	-28.00000	0.00000	0.0	0.0	0.0
				1.00000	-28.00000	0.00000	0.0	0.0	0.0
				2.00000	-28.00000	0.00000	0.0	0.0	0.0
				3.00000	-28.00000	0.00000	0.0	0.0	0.0
				4.00000	-28.00000	0.00000	0.0	0.0	0.0
				5.00000	-28.00000	0.00000	0.0	0.0	0.0
				6.00000	-28.00000	0.00000	0.0	0.0	0.0
				7.00000	-28.00000	0.00000	0.0	0.0	0.0
				8.00000	-28.00000	0.00000	0.0	0.0	0.0
				9.00000	-28.00000	0.00000	0.0	0.0	0.0
				10.00000	-28.00000	0.00000	0.0	0.0	0.0
				11.00000	-28.00000	0.00000	0.0	0.0	0.0
				12.00000	-28.00000	0.00000	0.0	0.0	0.0
				13.00000	-28.00000	0.00000	0.0	0.0	0.0
				14.00000	-28.00000	0.00000	0.0	0.0	0.0



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	-28.00000	0.00000	0.0	0.0	0.0
				16.00000	-28.00000	0.00000	0.0	0.0	0.0
				17.00000	-28.00000	0.00000	0.0	0.0	0.0
				18.00000	-28.00000	0.00000	0.0	0.0	0.0
				19.00000	-28.00000	0.00000	0.0	0.0	0.0
				20.00000	-28.00000	0.00000	0.0	0.0	0.0
				21.00000	-28.00000	0.00000	0.0	0.0	0.0
				22.00000	-28.00000	0.00000	0.0	0.0	0.0
				23.00000	-28.00000	0.00000	0.0	0.0	0.0
				24.00000	-28.00000	0.00000	0.0	0.0	0.0
				25.00000	-28.00000	0.00000	0.0	0.0	0.0
				26.00000	-28.00000	0.00000	0.0	0.0	0.0
				27.00000	-28.00000	0.00000	0.0	0.0	0.0
				28.00000	-28.00000	0.00000	0.0	0.0	0.0
				29.00000	-28.00000	0.00000	0.0	0.0	0.0
				30.00000	-28.00000	0.00000	0.0	0.0	0.0
				-40.00000	-27.00000	0.00000	0.0	0.0	0.0
				-39.00000	-27.00000	0.00000	0.0	0.0	0.0
				-38.00000	-27.00000	0.00000	0.0	0.0	0.0
				-37.00000	-27.00000	0.00000	0.0	0.0	0.0
				-36.00000	-27.00000	0.00000	0.0	0.0	0.0
				-35.00000	-27.00000	0.00000	0.0	0.0	0.0
				-34.00000	-27.00000	0.00000	0.0	0.0	0.0
				-33.00000	-27.00000	0.00000	0.0	0.0	0.0
				-32.00000	-27.00000	0.00000	0.0	0.0	0.0
				-31.00000	-27.00000	0.00000	0.0	0.0	0.0
				-30.00000	-27.00000	0.00000	0.0	0.0	0.0
				-29.00000	-27.00000	0.00000	0.0	0.0	0.0
				-28.00000	-27.00000	0.00000	0.0	0.0	0.0
				-27.00000	-27.00000	0.00000	0.0	0.0	0.0
				-26.00000	-27.00000	0.00000	0.0	0.0	0.0
				-25.00000	-27.00000	0.00000	0.0	0.0	0.0
				-24.00000	-27.00000	0.00000	0.0	0.0	0.0
				-23.00000	-27.00000	0.00000	0.0	0.0	0.0
				-22.00000	-27.00000	0.00000	0.0	0.0	0.0
				-21.00000	-27.00000	0.00000	0.0	0.0	0.0
				-20.00000	-27.00000	0.00000	0.0	0.0	0.0
				-19.00000	-27.00000	0.00000	0.0	0.0	0.0
				-18.00000	-27.00000	0.00000	0.0	0.0	0.0
				-17.00000	-27.00000	0.00000	0.0	0.0	0.0
				-16.00000	-27.00000	0.00000	0.0	0.0	0.0
				-15.00000	-27.00000	0.00000	0.0	0.0	0.0
				-14.00000	-27.00000	0.00000	0.0	0.0	0.0
				-13.00000	-27.00000	0.00000	0.0	0.0	0.0
				-12.00000	-27.00000	0.00000	0.0	0.0	0.0
				-11.00000	-27.00000	0.00000	0.0	0.0	0.0
				-10.00000	-27.00000	0.00000	0.0	0.0	0.0
				-9.00000	-27.00000	0.00000	0.0	0.0	0.0
				-8.00000	-27.00000	0.00000	0.0	0.0	0.0
				-7.00000	-27.00000	0.00000	0.0	0.0	0.0
				-6.00000	-27.00000	0.00000	0.0	0.0	0.0
				-5.00000	-27.00000	0.00000	0.0	0.0	0.0
				-4.00000	-27.00000	0.00000	0.0	0.0	0.0
				-3.00000	-27.00000	0.00000	0.0	0.0	0.0
				-2.00000	-27.00000	0.00000	0.0	0.0	0.0
				-1.00000	-27.00000	0.00000	0.0	0.0	0.0
				0.00000	-27.00000	0.00000	0.0	0.0	0.0
				1.00000	-27.00000	0.00000	0.0	0.0	0.0
				2.00000	-27.00000	0.00000	0.0	0.0	0.0
				3.00000	-27.00000	0.00000	0.0	0.0	0.0
				4.00000	-27.00000	0.00000	0.0	0.0	0.0
				5.00000	-27.00000	0.00000	0.0	0.0	0.0
				6.00000	-27.00000	0.00000	0.0	0.0	0.0
				7.00000	-27.00000	0.00000	0.0	0.0	0.0
				8.00000	-27.00000	0.00000	0.0	0.0	0.0
				9.00000	-27.00000	0.00000	0.0	0.0	0.0
				10.00000	-27.00000	0.00000	0.0	0.0	0.0
				11.00000	-27.00000	0.00000	0.0	0.0	0.0
				12.00000	-27.00000	0.00000	0.0	0.0	0.0
				13.00000	-27.00000	0.00000	0.0	0.0	0.0
				14.00000	-27.00000	0.00000	0.0	0.0	0.0



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	-27.00000	0.00000	0.0	0.0	0.0
				16.00000	-27.00000	0.00000	0.0	0.0	0.0
				17.00000	-27.00000	0.00000	0.0	0.0	0.0
				18.00000	-27.00000	0.00000	0.0	0.0	0.0
				19.00000	-27.00000	0.00000	0.0	0.0	0.0
				20.00000	-27.00000	0.00000	0.0	0.0	0.0
				21.00000	-27.00000	0.00000	0.0	0.0	0.0
				22.00000	-27.00000	0.00000	0.0	0.0	0.0
				23.00000	-27.00000	0.00000	0.0	0.0	0.0
				24.00000	-27.00000	0.00000	0.0	0.0	0.0
				25.00000	-27.00000	0.00000	0.0	0.0	0.0
				26.00000	-27.00000	0.00000	0.0	0.0	0.0
				27.00000	-27.00000	0.00000	0.0	0.0	0.0
				28.00000	-27.00000	0.00000	0.0	0.0	0.0
				29.00000	-27.00000	0.00000	0.0	0.0	0.0
				30.00000	-27.00000	0.00000	0.0	0.0	0.0
				-40.00000	-26.00000	0.00000	0.0	0.0	0.0
				-39.00000	-26.00000	0.00000	0.0	0.0	0.0
				-38.00000	-26.00000	0.00000	0.0	0.0	0.0
				-37.00000	-26.00000	0.00000	0.0	0.0	0.0
				-36.00000	-26.00000	0.00000	0.0	0.0	0.0
				-35.00000	-26.00000	0.00000	0.0	0.0	0.0
				-34.00000	-26.00000	0.00000	0.0	0.0	0.0
				-33.00000	-26.00000	0.00000	0.0	0.0	0.0
				-32.00000	-26.00000	0.00000	0.0	0.0	0.0
				-31.00000	-26.00000	0.00000	0.0	0.0	0.0
				-30.00000	-26.00000	0.00000	0.0	0.0	0.0
				-29.00000	-26.00000	0.00000	0.0	0.0	0.0
				-28.00000	-26.00000	0.00000	0.0	0.0	0.0
				-27.00000	-26.00000	0.00000	0.0	0.0	0.0
				-26.00000	-26.00000	0.00000	0.0	0.0	0.0
				-25.00000	-26.00000	0.00000	0.0	0.0	0.0
				-24.00000	-26.00000	0.00000	0.0	0.0	0.0
				-23.00000	-26.00000	0.00000	0.0	0.0	0.0
				-22.00000	-26.00000	0.00000	0.0	0.0	0.0
				-21.00000	-26.00000	0.00000	0.0	0.0	0.0
				-20.00000	-26.00000	0.00000	0.0	0.0	0.0
				-19.00000	-26.00000	0.00000	0.0	0.0	0.0
				-18.00000	-26.00000	0.00000	0.0	0.0	0.0
				-17.00000	-26.00000	0.00000	0.0	0.0	0.0
				-16.00000	-26.00000	0.00000	0.0	0.0	0.0
				-15.00000	-26.00000	0.00000	0.0	0.0	0.0
				-14.00000	-26.00000	0.00000	0.0	0.0	0.0
				-13.00000	-26.00000	0.00000	0.0	0.0	0.0
				-12.00000	-26.00000	0.00000	0.0	0.0	0.0
				-11.00000	-26.00000	0.00000	0.0	0.0	0.0
				-10.00000	-26.00000	0.00000	0.0	0.0	0.0
				-9.00000	-26.00000	0.00000	0.0	0.0	0.0
				-8.00000	-26.00000	0.00000	0.0	0.0	0.0
				-7.00000	-26.00000	0.00000	0.0	0.0	0.0
				-6.00000	-26.00000	0.00000	0.0	0.0	0.0
				-5.00000	-26.00000	0.00000	0.0	0.0	0.0
				-4.00000	-26.00000	0.00000	0.0	0.0	0.0
				-3.00000	-26.00000	0.00000	0.0	0.0	0.0
				-2.00000	-26.00000	0.00000	0.0	0.0	0.0
				-1.00000	-26.00000	0.00000	0.0	0.0	0.0
				0.00000	-26.00000	0.00000	0.0	0.0	0.0
				1.00000	-26.00000	0.00000	0.0	0.0	0.0
				2.00000	-26.00000	0.00000	0.0	0.0	0.0
				3.00000	-26.00000	0.00000	0.0	0.0	0.0
				4.00000	-26.00000	0.00000	0.0	0.0	0.0
				5.00000	-26.00000	0.00000	0.0	0.0	0.0
				6.00000	-26.00000	0.00000	0.0	0.0	0.0
				7.00000	-26.00000	0.00000	0.0	0.0	0.0
				8.00000	-26.00000	0.00000	0.0	0.0	0.0
				9.00000	-26.00000	0.00000	0.0	0.0	0.0
				10.00000	-26.00000	0.00000	0.0	0.0	0.0
				11.00000	-26.00000	0.00000	0.0	0.0	0.0
				12.00000	-26.00000	0.00000	0.0	0.0	0.0
				13.00000	-26.00000	0.00000	0.0	0.0	0.0
				14.00000	-26.00000	0.00000	0.0	0.0	0.0



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	-26.00000	0.00000	0.0	0.0	0.0
				16.00000	-26.00000	0.00000	0.0	0.0	0.0
				17.00000	-26.00000	0.00000	0.0	0.0	0.0
				18.00000	-26.00000	0.00000	0.0	0.0	0.0
				19.00000	-26.00000	0.00000	0.0	0.0	0.0
				20.00000	-26.00000	0.00000	0.0	0.0	0.0
				21.00000	-26.00000	0.00000	0.0	0.0	0.0
				22.00000	-26.00000	0.00000	0.0	0.0	0.0
				23.00000	-26.00000	0.00000	0.0	0.0	0.0
				24.00000	-26.00000	0.00000	0.0	0.0	0.0
				25.00000	-26.00000	0.00000	0.0	0.0	0.0
				26.00000	-26.00000	0.00000	0.0	0.0	0.0
				27.00000	-26.00000	0.00000	0.0	0.0	0.0
				28.00000	-26.00000	0.00000	0.0	0.0	0.0
				29.00000	-26.00000	0.00000	0.0	0.0	0.0
				30.00000	-26.00000	0.00000	0.0	0.0	0.0
				-40.00000	-25.00000	0.00000	0.0	0.0	0.0
				-39.00000	-25.00000	0.00000	0.0	0.0	0.0
				-38.00000	-25.00000	0.00000	0.0	0.0	0.0
				-37.00000	-25.00000	0.00000	0.0	0.0	0.0
				-36.00000	-25.00000	0.00000	0.0	0.0	0.0
				-35.00000	-25.00000	0.00000	0.0	0.0	0.0
				-34.00000	-25.00000	0.00000	0.0	0.0	0.0
				-33.00000	-25.00000	0.00000	0.0	0.0	0.0
				-32.00000	-25.00000	0.00000	0.0	0.0	0.0
				-31.00000	-25.00000	0.00000	0.0	0.0	0.0
				-30.00000	-25.00000	0.00000	0.0	0.0	0.0
				-29.00000	-25.00000	0.00000	0.0	0.0	0.0
				-28.00000	-25.00000	0.00000	0.0	0.0	0.0
				-27.00000	-25.00000	0.00000	0.0	0.0	0.0
				-26.00000	-25.00000	0.00000	0.0	0.0	0.0
				-25.00000	-25.00000	0.00000	0.0	0.0	0.0
				-24.00000	-25.00000	0.00000	0.0	0.0	0.0
				-23.00000	-25.00000	0.00000	0.0	0.0	0.0
				-22.00000	-25.00000	0.00000	0.0	0.0	0.0
				-21.00000	-25.00000	0.00000	0.0	0.0	0.0
				-20.00000	-25.00000	0.00000	0.0	0.0	0.0
				-19.00000	-25.00000	0.00000	0.0	0.0	0.0
				-18.00000	-25.00000	0.00000	0.0	0.0	0.0
				-17.00000	-25.00000	0.00000	0.0	0.0	0.0
				-16.00000	-25.00000	0.00000	0.0	0.0	0.0
				-15.00000	-25.00000	0.00000	0.0	0.0	0.0
				-14.00000	-25.00000	0.00000	0.0	0.0	0.0
				-13.00000	-25.00000	0.00000	0.0	0.0	0.0
				-12.00000	-25.00000	0.00000	0.0	0.0	0.0
				-11.00000	-25.00000	0.00000	0.0	0.0	0.0
				-10.00000	-25.00000	0.00000	0.0	0.0	0.0
				-9.00000	-25.00000	0.00000	0.0	0.0	0.0
				-8.00000	-25.00000	0.00000	0.0	0.0	0.0
				-7.00000	-25.00000	0.00000	0.0	0.0	0.0
				-6.00000	-25.00000	0.00000	0.0	0.0	0.0
				-5.00000	-25.00000	0.00000	0.0	0.0	0.0
				-4.00000	-25.00000	0.00000	0.0	0.0	0.0
				-3.00000	-25.00000	0.00000	0.0	0.0	0.0
				-2.00000	-25.00000	0.00000	0.0	0.0	0.0
				-1.00000	-25.00000	0.00000	0.0	0.0	0.0
				0.00000	-25.00000	0.00000	0.0	0.0	0.0
				1.00000	-25.00000	0.00000	0.0	0.0	0.0
				2.00000	-25.00000	0.00000	0.0	0.0	0.0
				3.00000	-25.00000	0.00000	0.0	0.0	0.0
				4.00000	-25.00000	0.00000	0.0	0.0	0.0
				5.00000	-25.00000	0.00000	0.0	0.0	0.0
				6.00000	-25.00000	0.00000	0.0	0.0	0.0
				7.00000	-25.00000	0.00000	0.0	0.0	0.0
				8.00000	-25.00000	0.00000	0.0	0.0	0.0
				9.00000	-25.00000	0.00000	0.0	0.0	0.0
				10.00000	-25.00000	0.00000	0.0	0.0	0.0
				11.00000	-25.00000	0.00000	0.0	0.0	0.0
				12.00000	-25.00000	0.00000	0.0	0.0	0.0
				13.00000	-25.00000	0.00000	0.0	0.0	0.0
				14.00000	-25.00000	0.00000	0.0	0.0	0.0



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	-25.00000	0.00000	0.0	0.0	0.0
				16.00000	-25.00000	0.00000	0.0	0.0	0.0
				17.00000	-25.00000	0.00000	0.0	0.0	0.0
				18.00000	-25.00000	0.00000	0.0	0.0	0.0
				19.00000	-25.00000	0.00000	0.0	0.0	0.0
				20.00000	-25.00000	0.00000	0.0	0.0	0.0
				21.00000	-25.00000	0.00000	0.0	0.0	0.0
				22.00000	-25.00000	0.00000	0.0	0.0	0.0
				23.00000	-25.00000	0.00000	0.0	0.0	0.0
				24.00000	-25.00000	0.00000	0.0	0.0	0.0
				25.00000	-25.00000	0.00000	0.0	0.0	0.0
				26.00000	-25.00000	0.00000	0.0	0.0	0.0
				27.00000	-25.00000	0.00000	0.0	0.0	0.0
				28.00000	-25.00000	0.00000	0.0	0.0	0.0
				29.00000	-25.00000	0.00000	0.0	0.0	0.0
				30.00000	-25.00000	0.00000	0.0	0.0	0.0
				-40.00000	-24.00000	0.00000	0.0	0.0	0.0
				-39.00000	-24.00000	0.00000	0.0	0.0	0.0
				-38.00000	-24.00000	0.00000	0.0	0.0	0.0
				-37.00000	-24.00000	0.00000	0.0	0.0	0.0
				-36.00000	-24.00000	0.00000	0.0	0.0	0.0
				-35.00000	-24.00000	0.00000	0.0	0.0	0.0
				-34.00000	-24.00000	0.00000	0.0	0.0	0.0
				-33.00000	-24.00000	0.00000	0.0	0.0	0.0
				-32.00000	-24.00000	0.00000	0.0	0.0	0.0
				-31.00000	-24.00000	0.00000	0.0	0.0	0.0
				-30.00000	-24.00000	0.00000	0.0	0.0	0.0
				-29.00000	-24.00000	0.00000	0.0	0.0	0.0
				-28.00000	-24.00000	0.00000	0.0	0.0	0.0
				-27.00000	-24.00000	0.00000	0.0	0.0	0.0
				-26.00000	-24.00000	0.00000	0.0	0.0	0.0
				-25.00000	-24.00000	0.00000	0.0	0.0	0.0
				-24.00000	-24.00000	0.00000	0.0	0.0	0.0
				-23.00000	-24.00000	0.00000	0.0	0.0	0.0
				-22.00000	-24.00000	0.00000	0.0	0.0	0.0
				-21.00000	-24.00000	0.00000	0.0	0.0	0.0
				-20.00000	-24.00000	0.00000	0.0	0.0	0.0
				-19.00000	-24.00000	0.00000	0.0	0.0	0.0
				-18.00000	-24.00000	0.00000	0.0	0.0	0.0
				-17.00000	-24.00000	0.00000	0.0	0.0	0.0
				-16.00000	-24.00000	0.00000	0.0	0.0	0.0
				-15.00000	-24.00000	0.00000	0.0	0.0	0.0
				-14.00000	-24.00000	0.00000	0.0	0.0	0.0
				-13.00000	-24.00000	0.00000	0.0	0.0	0.0
				-12.00000	-24.00000	0.00000	0.0	0.0	0.0
				-11.00000	-24.00000	0.00000	0.0	0.0	0.0
				-10.00000	-24.00000	0.00000	0.0	0.0	0.0
				-9.00000	-24.00000	0.00000	0.0	0.0	0.0
				-8.00000	-24.00000	0.00000	0.0	0.0	0.0
				-7.00000	-24.00000	0.00000	0.0	0.0	0.0
				-6.00000	-24.00000	0.00000	0.0	0.0	0.0
				-5.00000	-24.00000	0.00000	0.0	0.0	0.0
				-4.00000	-24.00000	0.00000	0.0	0.0	0.0
				-3.00000	-24.00000	0.00000	0.0	0.0	0.0
				-2.00000	-24.00000	0.00000	0.0	0.0	0.0
				-1.00000	-24.00000	0.00000	0.0	0.0	0.0
				0.00000	-24.00000	0.00000	0.0	0.0	0.0
				1.00000	-24.00000	0.00000	0.0	0.0	0.0
				2.00000	-24.00000	0.00000	0.0	0.0	0.0
				3.00000	-24.00000	0.00000	0.0	0.0	0.0
				4.00000	-24.00000	0.00000	0.0	0.0	0.0
				5.00000	-24.00000	0.00000	0.0	0.0	0.0
				6.00000	-24.00000	0.00000	0.0	0.0	0.0
				7.00000	-24.00000	0.00000	0.0	0.0	0.0
				8.00000	-24.00000	0.00000	0.0	0.0	0.0
				9.00000	-24.00000	0.00000	0.0	0.0	0.0
				10.00000	-24.00000	0.00000	0.0	0.0	0.0
				11.00000	-24.00000	0.00000	0.0	0.0	0.0
				12.00000	-24.00000	0.00000	0.0	0.0	0.0
				13.00000	-24.00000	0.00000	0.0	0.0	0.0
				14.00000	-24.00000	0.00000	0.0	0.0	0.0



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	-24.00000	0.00000	0.0	0.0	0.0
				16.00000	-24.00000	0.00000	0.0	0.0	0.0
				17.00000	-24.00000	0.00000	0.0	0.0	0.0
				18.00000	-24.00000	0.00000	0.0	0.0	0.0
				19.00000	-24.00000	0.00000	0.0	0.0	0.0
				20.00000	-24.00000	0.00000	0.0	0.0	0.0
				21.00000	-24.00000	0.00000	0.0	0.0	0.0
				22.00000	-24.00000	0.00000	0.0	0.0	0.0
				23.00000	-24.00000	0.00000	0.0	0.0	0.0
				24.00000	-24.00000	0.00000	0.0	0.0	0.0
				25.00000	-24.00000	0.00000	0.0	0.0	0.0
				26.00000	-24.00000	0.00000	0.0	0.0	0.0
				27.00000	-24.00000	0.00000	0.0	0.0	0.0
				28.00000	-24.00000	0.00000	0.0	0.0	0.0
				29.00000	-24.00000	0.00000	0.0	0.0	0.0
				30.00000	-24.00000	0.00000	0.0	0.0	0.0
				-40.00000	-23.00000	0.00000	0.0	0.0	0.0
				-39.00000	-23.00000	0.00000	0.0	0.0	0.0
				-38.00000	-23.00000	0.00000	0.0	0.0	0.0
				-37.00000	-23.00000	0.00000	0.0	0.0	0.0
				-36.00000	-23.00000	0.00000	0.0	0.0	0.0
				-35.00000	-23.00000	0.00000	0.0	0.0	0.0
				-34.00000	-23.00000	0.00000	0.0	0.0	0.0
				-33.00000	-23.00000	0.00000	0.0	0.0	0.0
				-32.00000	-23.00000	0.00000	0.0	0.0	0.0
				-31.00000	-23.00000	0.00000	0.0	0.0	0.0
				-30.00000	-23.00000	0.00000	0.0	0.0	0.0
				-29.00000	-23.00000	0.00000	0.0	0.0	0.0
				-28.00000	-23.00000	0.00000	0.0	0.0	0.0
				-27.00000	-23.00000	0.00000	0.0	0.0	0.0
				-26.00000	-23.00000	0.00000	0.0	0.0	0.0
				-25.00000	-23.00000	0.00000	0.0	0.0	0.0
				-24.00000	-23.00000	0.00000	0.0	0.0	0.0
				-23.00000	-23.00000	0.00000	0.0	0.0	0.0
				-22.00000	-23.00000	0.00000	0.0	0.0	0.0
				-21.00000	-23.00000	0.00000	0.0	0.0	0.0
				-20.00000	-23.00000	0.00000	0.0	0.0	0.0
				-19.00000	-23.00000	0.00000	0.0	0.0	0.0
				-18.00000	-23.00000	0.00000	0.0	0.0	0.0
				-17.00000	-23.00000	0.00000	0.0	0.0	0.0
				-16.00000	-23.00000	0.00000	0.0	0.0	0.0
				-15.00000	-23.00000	0.00000	0.0	0.0	0.0
				-14.00000	-23.00000	0.00000	0.0	0.0	0.0
				-13.00000	-23.00000	0.00000	0.0	0.0	0.0
				-12.00000	-23.00000	0.00000	0.0	0.0	0.0
				-11.00000	-23.00000	0.00000	0.0	0.0	0.0
				-10.00000	-23.00000	0.00000	0.0	0.0	0.0
				-9.00000	-23.00000	0.00000	0.0	0.0	0.0
				-8.00000	-23.00000	0.00000	0.0	0.0	0.0
				-7.00000	-23.00000	0.00000	0.0	0.0	0.0
				-6.00000	-23.00000	0.00000	0.0	0.0	0.028313
				-5.00000	-23.00000	0.00000	0.0	0.0	0.057726
				-4.00000	-23.00000	0.00000	0.0	0.0	0.082858
				-3.00000	-23.00000	0.00000	0.0	0.0	0.10337
				-2.00000	-23.00000	0.00000	0.0	0.0	0.11894
				-1.00000	-23.00000	0.00000	0.0	0.0	0.12925
				0.00000	-23.00000	0.00000	0.0	0.0	0.13400
				1.00000	-23.00000	0.00000	0.0	0.0	0.20000
				2.00000	-23.00000	0.00000	0.0	0.0	0.20000
				3.00000	-23.00000	0.00000	0.0	0.0	0.20000
				4.00000	-23.00000	0.00000	0.0	0.0	0.20000
				5.00000	-23.00000	0.00000	0.0	0.0	0.20000
				6.00000	-23.00000	0.00000	0.0	0.0	0.20000
				7.00000	-23.00000	0.00000	0.0	0.0	0.20000
				8.00000	-23.00000	0.00000	0.0	0.0	0.20000
				9.00000	-23.00000	0.00000	0.0	0.0	0.20000
				10.00000	-23.00000	0.00000	0.0	0.0	0.20000
				11.00000	-23.00000	0.00000	0.0	0.0	0.20000
				12.00000	-23.00000	0.00000	0.0	0.0	0.20000
				13.00000	-23.00000	0.00000	0.0	0.0	0.20000
				14.00000	-23.00000	0.00000	0.0	0.0	0.20000



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	-23.00000	0.00000	0.0	0.0	0.20000
				16.00000	-23.00000	0.00000	0.0	0.0	0.20000
				17.00000	-23.00000	0.00000	0.0	0.0	0.20000
				18.00000	-23.00000	0.00000	0.0	0.0	0.13373
				19.00000	-23.00000	0.00000	0.0	0.0	0.12830
				20.00000	-23.00000	0.00000	0.0	0.0	0.11734
				21.00000	-23.00000	0.00000	0.0	0.0	0.10117
				22.00000	-23.00000	0.00000	0.0	0.0	0.080079
				23.00000	-23.00000	0.00000	0.0	0.0	0.054416
				24.00000	-23.00000	0.00000	0.0	0.0	0.024511
				25.00000	-23.00000	0.00000	0.0	0.0	0.0
				26.00000	-23.00000	0.00000	0.0	0.0	0.0
				27.00000	-23.00000	0.00000	0.0	0.0	0.0
				28.00000	-23.00000	0.00000	0.0	0.0	0.0
				29.00000	-23.00000	0.00000	0.0	0.0	0.0
				30.00000	-23.00000	0.00000	0.0	0.0	0.0
				-40.00000	-22.00000	0.00000	0.0	0.0	0.0
				-39.00000	-22.00000	0.00000	0.0	0.0	0.0
				-38.00000	-22.00000	0.00000	0.0	0.0	0.0
				-37.00000	-22.00000	0.00000	0.0	0.0	0.0
				-36.00000	-22.00000	0.00000	0.0	0.0	0.0
				-35.00000	-22.00000	0.00000	0.0	0.0	0.0
				-34.00000	-22.00000	0.00000	0.0	0.0	0.0
				-33.00000	-22.00000	0.00000	0.0	0.0	0.0
				-32.00000	-22.00000	0.00000	0.0	0.0	0.0
				-31.00000	-22.00000	0.00000	0.0	0.0	0.0
				-30.00000	-22.00000	0.00000	0.0	0.0	0.0
				-29.00000	-22.00000	0.00000	0.0	0.0	0.0
				-28.00000	-22.00000	0.00000	0.0	0.0	0.0
				-27.00000	-22.00000	0.00000	0.0	0.0	0.0
				-26.00000	-22.00000	0.00000	0.0	0.0	0.0
				-25.00000	-22.00000	0.00000	0.0	0.0	0.0
				-24.00000	-22.00000	0.00000	0.0	0.0	0.0
				-23.00000	-22.00000	0.00000	0.0	0.0	0.0
				-22.00000	-22.00000	0.00000	0.0	0.0	0.0
				-21.00000	-22.00000	0.00000	0.0	0.0	0.0
				-20.00000	-22.00000	0.00000	0.0	0.0	0.0
				-19.00000	-22.00000	0.00000	0.0	0.0	0.0
				-18.00000	-22.00000	0.00000	0.0	0.0	0.0
				-17.00000	-22.00000	0.00000	0.0	0.0	0.0
				-16.00000	-22.00000	0.00000	0.0	0.0	0.0
				-15.00000	-22.00000	0.00000	0.0	0.0	0.0
				-14.00000	-22.00000	0.00000	0.0	0.0	0.0
				-13.00000	-22.00000	0.00000	0.0	0.0	0.0
				-12.00000	-22.00000	0.00000	0.0	0.0	0.0
				-11.00000	-22.00000	0.00000	0.0	0.0	0.0
				-10.00000	-22.00000	0.00000	0.0	0.0	0.0
				-9.00000	-22.00000	0.00000	0.0	0.0	0.026985
				-8.00000	-22.00000	0.00000	0.0	0.0	0.070223
				-7.00000	-22.00000	0.00000	0.0	0.0	0.11019
				-6.00000	-22.00000	0.00000	0.0	0.0	0.14654
				-5.00000	-22.00000	0.00000	0.0	0.0	0.17890
				-4.00000	-22.00000	0.00000	0.0	0.0	0.20691
				-3.00000	-22.00000	0.00000	0.0	0.0	0.23018
				-2.00000	-22.00000	0.00000	0.0	0.0	0.24835
				-1.00000	-22.00000	0.00000	0.0	0.0	0.26107
				0.00000	-22.00000	0.00000	0.0	0.0	0.26800
				1.00000	-22.00000	0.00000	0.0	0.0	0.40000
				2.00000	-22.00000	0.00000	0.0	0.0	0.40000
				3.00000	-22.00000	0.00000	0.0	0.0	0.40000
				4.00000	-22.00000	0.00000	0.0	0.0	0.40000
				5.00000	-22.00000	0.00000	0.0	0.0	0.40000
				6.00000	-22.00000	0.00000	0.0	0.0	0.40000
				7.00000	-22.00000	0.00000	0.0	0.0	0.40000
				8.00000	-22.00000	0.00000	0.0	0.0	0.40000
				9.00000	-22.00000	0.00000	0.0	0.0	0.40000
				10.00000	-22.00000	0.00000	0.0	0.0	0.40000
				11.00000	-22.00000	0.00000	0.0	0.0	0.40000
				12.00000	-22.00000	0.00000	0.0	0.0	0.40000
				13.00000	-22.00000	0.00000	0.0	0.0	0.40000
				14.00000	-22.00000	0.00000	0.0	0.0	0.40000



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	-22.00000	0.00000	0.0	0.0	0.40000
				16.00000	-22.00000	0.00000	0.0	0.0	0.40000
				17.00000	-22.00000	0.00000	0.0	0.0	0.40000
				18.00000	-22.00000	0.00000	0.0	0.0	0.26748
				19.00000	-22.00000	0.00000	0.0	0.0	0.25984
				20.00000	-22.00000	0.00000	0.0	0.0	0.24645
				21.00000	-22.00000	0.00000	0.0	0.0	0.22765
				22.00000	-22.00000	0.00000	0.0	0.0	0.20379
				23.00000	-22.00000	0.00000	0.0	0.0	0.17524
				24.00000	-22.00000	0.00000	0.0	0.0	0.14238
				25.00000	-22.00000	0.00000	0.0	0.0	0.10558
				26.00000	-22.00000	0.00000	0.0	0.0	0.065201
				27.00000	-22.00000	0.00000	0.0	0.0	0.021593
				28.00000	-22.00000	0.00000	0.0	0.0	0.0
				29.00000	-22.00000	0.00000	0.0	0.0	0.0
				30.00000	-22.00000	0.00000	0.0	0.0	0.0
				-40.00000	-21.00000	0.00000	0.0	0.0	0.0
				-39.00000	-21.00000	0.00000	0.0	0.0	0.0
				-38.00000	-21.00000	0.00000	0.0	0.0	0.0
				-37.00000	-21.00000	0.00000	0.0	0.0	0.0
				-36.00000	-21.00000	0.00000	0.0	0.0	0.0
				-35.00000	-21.00000	0.00000	0.0	0.0	0.0
				-34.00000	-21.00000	0.00000	0.0	0.0	0.0
				-33.00000	-21.00000	0.00000	0.0	0.0	0.0
				-32.00000	-21.00000	0.00000	0.0	0.0	0.0
				-31.00000	-21.00000	0.00000	0.0	0.0	0.0
				-30.00000	-21.00000	0.00000	0.0	0.0	0.0
				-29.00000	-21.00000	0.00000	0.0	0.0	0.0
				-28.00000	-21.00000	0.00000	0.0	0.0	0.0
				-27.00000	-21.00000	0.00000	0.0	0.0	0.0
				-26.00000	-21.00000	0.00000	0.0	0.0	0.0
				-25.00000	-21.00000	0.00000	0.0	0.0	0.0
				-24.00000	-21.00000	0.00000	0.0	0.0	0.0
				-23.00000	-21.00000	0.00000	0.0	0.0	0.0
				-22.00000	-21.00000	0.00000	0.0	0.0	0.0
				-21.00000	-21.00000	0.00000	0.0	0.0	0.0
				-20.00000	-21.00000	0.00000	0.0	0.0	0.0
				-19.00000	-21.00000	0.00000	0.0	0.0	0.0
				-18.00000	-21.00000	0.00000	0.0	0.0	0.0
				-17.00000	-21.00000	0.00000	0.0	0.0	0.0
				-16.00000	-21.00000	0.00000	0.0	0.0	0.0
				-15.00000	-21.00000	0.00000	0.0	0.0	0.0
				-14.00000	-21.00000	0.00000	0.0	0.0	0.0
				-13.00000	-21.00000	0.00000	0.0	0.0	0.0
				-12.00000	-21.00000	0.00000	0.0	0.0	0.0
				-11.00000	-21.00000	0.00000	0.0	0.0	0.033194
				-10.00000	-21.00000	0.00000	0.0	0.0	0.084991
				-9.00000	-21.00000	0.00000	0.0	0.0	0.13426
				-8.00000	-21.00000	0.00000	0.0	0.0	0.18065
				-7.00000	-21.00000	0.00000	0.0	0.0	0.22382
				-6.00000	-21.00000	0.00000	0.0	0.0	0.26338
				-5.00000	-21.00000	0.00000	0.0	0.0	0.29892
				-4.00000	-21.00000	0.00000	0.0	0.0	0.33004
				-3.00000	-21.00000	0.00000	0.0	0.0	0.35631
				-2.00000	-21.00000	0.00000	0.0	0.0	0.37733
				-1.00000	-21.00000	0.00000	0.0	0.0	0.39268
				0.00000	-21.00000	0.00000	0.0	0.0	0.40200
				1.00000	-21.00000	0.00000	0.0	0.0	0.60000
				2.00000	-21.00000	0.00000	0.0	0.0	0.60000
				3.00000	-21.00000	0.00000	0.0	0.0	0.60000
				4.00000	-21.00000	0.00000	0.0	0.0	0.60000
				5.00000	-21.00000	0.00000	0.0	0.0	0.60000
				6.00000	-21.00000	0.00000	0.0	0.0	0.60000
				7.00000	-21.00000	0.00000	0.0	0.0	0.60000
				8.00000	-21.00000	0.00000	0.0	0.0	0.60000
				9.00000	-21.00000	0.00000	0.0	0.0	0.60000
				10.00000	-21.00000	0.00000	0.0	0.0	0.60000
				11.00000	-21.00000	0.00000	0.0	0.0	0.60000
				12.00000	-21.00000	0.00000	0.0	0.0	0.60000
				13.00000	-21.00000	0.00000	0.0	0.0	0.60000
				14.00000	-21.00000	0.00000	0.0	0.0	0.60000



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	-21.00000	0.00000	0.0	0.0	0.60000
				16.00000	-21.00000	0.00000	0.0	0.0	0.60000
				17.00000	-21.00000	0.00000	0.0	0.0	0.60000
				18.00000	-21.00000	0.00000	0.0	0.0	0.40121
				19.00000	-21.00000	0.00000	0.0	0.0	0.39115
				20.00000	-21.00000	0.00000	0.0	0.0	0.37510
				21.00000	-21.00000	0.00000	0.0	0.0	0.35343
				22.00000	-21.00000	0.00000	0.0	0.0	0.32655
				23.00000	-21.00000	0.00000	0.0	0.0	0.29488
				24.00000	-21.00000	0.00000	0.0	0.0	0.25883
				25.00000	-21.00000	0.00000	0.0	0.0	0.21882
				26.00000	-21.00000	0.00000	0.0	0.0	0.17525
				27.00000	-21.00000	0.00000	0.0	0.0	0.12849
				28.00000	-21.00000	0.00000	0.0	0.0	0.078903
				29.00000	-21.00000	0.00000	0.0	0.0	0.026823
				30.00000	-21.00000	0.00000	0.0	0.0	0.0
				-40.00000	-20.00000	0.00000	0.0	0.0	0.0
				-39.00000	-20.00000	0.00000	0.0	0.0	0.0
				-38.00000	-20.00000	0.00000	0.0	0.0	0.0
				-37.00000	-20.00000	0.00000	0.0	0.0	0.0
				-36.00000	-20.00000	0.00000	0.0	0.0	0.0
				-35.00000	-20.00000	0.00000	0.0	0.0	0.0
				-34.00000	-20.00000	0.00000	0.0	0.0	0.0
				-33.00000	-20.00000	0.00000	0.0	0.0	0.0
				-32.00000	-20.00000	0.00000	0.0	0.0	0.0
				-31.00000	-20.00000	0.00000	0.0	0.0	0.0
				-30.00000	-20.00000	0.00000	0.0	0.0	0.0
				-29.00000	-20.00000	0.00000	0.0	0.0	0.0
				-28.00000	-20.00000	0.00000	0.0	0.0	0.0
				-27.00000	-20.00000	0.00000	0.0	0.0	0.0
				-26.00000	-20.00000	0.00000	0.0	0.0	0.0
				-25.00000	-20.00000	0.00000	0.0	0.0	0.0
				-24.00000	-20.00000	0.00000	0.0	0.0	0.0
				-23.00000	-20.00000	0.00000	0.0	0.0	0.0
				-22.00000	-20.00000	0.00000	0.0	0.0	0.0
				-21.00000	-20.00000	0.00000	0.0	0.0	0.0
				-20.00000	-20.00000	0.00000	0.0	0.0	0.0
				-19.00000	-20.00000	0.00000	0.0	0.0	0.0
				-18.00000	-20.00000	0.00000	0.0	0.0	0.0
				-17.00000	-20.00000	0.00000	0.0	0.0	0.0
				-16.00000	-20.00000	0.00000	0.0	0.0	0.0
				-15.00000	-20.00000	0.00000	0.0	0.0	0.0
				-14.00000	-20.00000	0.00000	0.0	0.0	0.0
				-13.00000	-20.00000	0.00000	0.0	0.0	0.015952
				-12.00000	-20.00000	0.00000	0.0	0.0	0.074790
				-11.00000	-20.00000	0.00000	0.0	0.0	0.13182
				-10.00000	-20.00000	0.00000	0.0	0.0	0.18677
				-9.00000	-20.00000	0.00000	0.0	0.0	0.23929
				-8.00000	-20.00000	0.00000	0.0	0.0	0.28904
				-7.00000	-20.00000	0.00000	0.0	0.0	0.33563
				-6.00000	-20.00000	0.00000	0.0	0.0	0.37864
				-5.00000	-20.00000	0.00000	0.0	0.0	0.41763
				-4.00000	-20.00000	0.00000	0.0	0.0	0.45213
				-3.00000	-20.00000	0.00000	0.0	0.0	0.48168
				-2.00000	-20.00000	0.00000	0.0	0.0	0.50581
				-1.00000	-20.00000	0.00000	0.0	0.0	0.52406
				0.00000	-20.00000	0.00000	0.0	0.0	0.53600
				1.00000	-20.00000	0.00000	0.0	0.0	0.80000
				2.00000	-20.00000	0.00000	0.0	0.0	0.80000
				3.00000	-20.00000	0.00000	0.0	0.0	0.80000
				4.00000	-20.00000	0.00000	0.0	0.0	0.80000
				5.00000	-20.00000	0.00000	0.0	0.0	0.80000
				6.00000	-20.00000	0.00000	0.0	0.0	0.80000
				7.00000	-20.00000	0.00000	0.0	0.0	0.80000
				8.00000	-20.00000	0.00000	0.0	0.0	0.80000
				9.00000	-20.00000	0.00000	0.0	0.0	0.80000
				10.00000	-20.00000	0.00000	0.0	0.0	0.80000
				11.00000	-20.00000	0.00000	0.0	0.0	0.80000
				12.00000	-20.00000	0.00000	0.0	0.0	0.80000
				13.00000	-20.00000	0.00000	0.0	0.0	0.80000
				14.00000	-20.00000	0.00000	0.0	0.0	0.80000



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	-20.00000	0.00000	0.0	0.0	0.80000
				16.00000	-20.00000	0.00000	0.0	0.0	0.80000
				17.00000	-20.00000	0.00000	0.0	0.0	0.80000
				18.00000	-20.00000	0.00000	0.0	0.0	0.53491
				19.00000	-20.00000	0.00000	0.0	0.0	0.52219
				20.00000	-20.00000	0.00000	0.0	0.0	0.50321
				21.00000	-20.00000	0.00000	0.0	0.0	0.47841
				22.00000	-20.00000	0.00000	0.0	0.0	0.44824
				23.00000	-20.00000	0.00000	0.0	0.0	0.41318
				24.00000	-20.00000	0.00000	0.0	0.0	0.37368
				25.00000	-20.00000	0.00000	0.0	0.0	0.33022
				26.00000	-20.00000	0.00000	0.0	0.0	0.28323
				27.00000	-20.00000	0.00000	0.0	0.0	0.23313
				28.00000	-20.00000	0.00000	0.0	0.0	0.18029
				29.00000	-20.00000	0.00000	0.0	0.0	0.12509
				30.00000	-20.00000	0.00000	0.0	0.0	0.067820
				-40.00000	-19.00000	0.00000	0.0	0.0	0.0
				-39.00000	-19.00000	0.00000	0.0	0.0	0.0
				-38.00000	-19.00000	0.00000	0.0	0.0	0.0
				-37.00000	-19.00000	0.00000	0.0	0.0	0.0
				-36.00000	-19.00000	0.00000	0.0	0.0	0.0
				-35.00000	-19.00000	0.00000	0.0	0.0	0.0
				-34.00000	-19.00000	0.00000	0.0	0.0	0.0
				-33.00000	-19.00000	0.00000	0.0	0.0	0.0
				-32.00000	-19.00000	0.00000	0.0	0.0	0.0
				-31.00000	-19.00000	0.00000	0.0	0.0	0.0
				-30.00000	-19.00000	0.00000	0.0	0.0	0.0
				-29.00000	-19.00000	0.00000	0.0	0.0	0.0
				-28.00000	-19.00000	0.00000	0.0	0.0	0.0
				-27.00000	-19.00000	0.00000	0.0	0.0	0.0
				-26.00000	-19.00000	0.00000	0.0	0.0	0.0
				-25.00000	-19.00000	0.00000	0.0	0.0	0.0
				-24.00000	-19.00000	0.00000	0.0	0.0	0.0
				-23.00000	-19.00000	0.00000	0.0	0.0	0.0
				-22.00000	-19.00000	0.00000	0.0	0.0	0.0
				-21.00000	-19.00000	0.00000	0.0	0.0	0.0
				-20.00000	-19.00000	0.00000	0.0	0.0	0.0
				-19.00000	-19.00000	0.00000	0.0	0.0	0.0
				-18.00000	-19.00000	0.00000	0.0	0.0	0.0
				-17.00000	-19.00000	0.00000	0.0	0.0	0.0
				-16.00000	-19.00000	0.00000	0.0	0.0	0.0
				-15.00000	-19.00000	0.00000	0.0	0.0	0.0
				-14.00000	-19.00000	0.00000	0.0	0.0	0.042514
				-13.00000	-19.00000	0.00000	0.0	0.0	0.10568
				-12.00000	-19.00000	0.00000	0.0	0.0	0.16747
				-11.00000	-19.00000	0.00000	0.0	0.0	0.22763
				-10.00000	-19.00000	0.00000	0.0	0.0	0.28586
				-9.00000	-19.00000	0.00000	0.0	0.0	0.34182
				-8.00000	-19.00000	0.00000	0.0	0.0	0.39513
				-7.00000	-19.00000	0.00000	0.0	0.0	0.44538
				-6.00000	-19.00000	0.00000	0.0	0.0	0.49211
				-5.00000	-19.00000	0.00000	0.0	0.0	0.53483
				-4.00000	-19.00000	0.00000	0.0	0.0	0.57302
				-3.00000	-19.00000	0.00000	0.0	0.0	0.60616
				-2.00000	-19.00000	0.00000	0.0	0.0	0.63371
				-1.00000	-19.00000	0.00000	0.0	0.0	0.65515
				0.00000	-19.00000	0.00000	0.0	0.0	0.67000
				1.00000	-19.00000	0.00000	0.0	0.0	1.0000
				2.00000	-19.00000	0.00000	0.0	0.0	1.0000
				3.00000	-19.00000	0.00000	0.0	0.0	1.0000
				4.00000	-19.00000	0.00000	0.0	0.0	1.0000
				5.00000	-19.00000	0.00000	0.0	0.0	1.0000
				6.00000	-19.00000	0.00000	0.0	0.0	1.0000
				7.00000	-19.00000	0.00000	0.0	0.0	1.0000
				8.00000	-19.00000	0.00000	0.0	0.0	1.0000
				9.00000	-19.00000	0.00000	0.0	0.0	1.0000
				10.00000	-19.00000	0.00000	0.0	0.0	1.0000
				11.00000	-19.00000	0.00000	0.0	0.0	1.0000
				12.00000	-19.00000	0.00000	0.0	0.0	1.0000
				13.00000	-19.00000	0.00000	0.0	0.0	1.0000
				14.00000	-19.00000	0.00000	0.0	0.0	1.0000



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	-19.00000	0.00000	0.0	0.0	1.0000
				16.00000	-19.00000	0.00000	0.0	0.0	1.0000
				17.00000	-19.00000	0.00000	0.0	0.0	1.0000
				18.00000	-19.00000	0.00000	0.0	0.0	0.66858
				19.00000	-19.00000	0.00000	0.0	0.0	0.65292
				20.00000	-19.00000	0.00000	0.0	0.0	0.63072
				21.00000	-19.00000	0.00000	0.0	0.0	0.60247
				22.00000	-19.00000	0.00000	0.0	0.0	0.56869
				23.00000	-19.00000	0.00000	0.0	0.0	0.52993
				24.00000	-19.00000	0.00000	0.0	0.0	0.48670
				25.00000	-19.00000	0.00000	0.0	0.0	0.43953
				26.00000	-19.00000	0.00000	0.0	0.0	0.38889
				27.00000	-19.00000	0.00000	0.0	0.0	0.33523
				28.00000	-19.00000	0.00000	0.0	0.0	0.27898
				29.00000	-19.00000	0.00000	0.0	0.0	0.22050
				30.00000	-19.00000	0.00000	0.0	0.0	0.16013
				-40.00000	-18.00000	0.00000	0.0	0.0	0.0
				-39.00000	-18.00000	0.00000	0.0	0.0	0.0
				-38.00000	-18.00000	0.00000	0.0	0.0	0.0
				-37.00000	-18.00000	0.00000	0.0	0.0	0.0
				-36.00000	-18.00000	0.00000	0.0	0.0	0.0
				-35.00000	-18.00000	0.00000	0.0	0.0	0.0
				-34.00000	-18.00000	0.00000	0.0	0.0	0.0
				-33.00000	-18.00000	0.00000	0.0	0.0	0.0
				-32.00000	-18.00000	0.00000	0.0	0.0	0.0
				-31.00000	-18.00000	0.00000	0.0	0.0	0.0
				-30.00000	-18.00000	0.00000	0.0	0.0	0.0
				-29.00000	-18.00000	0.00000	0.0	0.0	0.0
				-28.00000	-18.00000	0.00000	0.0	0.0	0.0
				-27.00000	-18.00000	0.00000	0.0	0.0	0.0
				-26.00000	-18.00000	0.00000	0.0	0.0	0.0
				-25.00000	-18.00000	0.00000	0.0	0.0	0.0
				-24.00000	-18.00000	0.00000	0.0	0.0	0.0
				-23.00000	-18.00000	0.00000	0.0	0.0	0.0
				-22.00000	-18.00000	0.00000	0.0	0.0	0.0
				-21.00000	-18.00000	0.00000	0.0	0.0	0.0
				-20.00000	-18.00000	0.00000	0.0	0.0	0.0
				-19.00000	-18.00000	0.00000	0.0	0.0	0.0
				-18.00000	-18.00000	0.00000	0.0	0.0	0.0
				-17.00000	-18.00000	0.00000	0.0	0.0	0.0
				-16.00000	-18.00000	0.00000	0.0	0.0	0.0
				-15.00000	-18.00000	0.00000	0.0	0.0	0.059159
				-14.00000	-18.00000	0.00000	0.0	0.0	0.12609
				-13.00000	-18.00000	0.00000	0.0	0.0	0.19208
				-12.00000	-18.00000	0.00000	0.0	0.0	0.25689
				-11.00000	-18.00000	0.00000	0.0	0.0	0.32028
				-10.00000	-18.00000	0.00000	0.0	0.0	0.38194
				-9.00000	-18.00000	0.00000	0.0	0.0	0.44628
				-8.00000	-18.00000	0.00000	0.0	0.0	0.51844
				-7.00000	-18.00000	0.00000	0.0	0.0	0.58262
				-6.00000	-18.00000	0.00000	0.0	0.0	0.63805
				-5.00000	-18.00000	0.00000	0.0	0.0	0.70229
				-4.00000	-18.00000	0.00000	0.0	0.0	0.74452
				-3.00000	-18.00000	0.00000	0.0	0.0	0.78161
				-2.00000	-18.00000	0.00000	0.0	0.0	0.81295
				-1.00000	-18.00000	0.00000	0.0	0.0	0.83793
				0.00000	-18.00000	0.00000	0.0	0.0019122	0.84143
				1.00000	-18.00000	0.00000	0.0	0.0028541	1.2039
				2.00000	-18.00000	0.00000	0.0	0.0028541	1.2039
				3.00000	-18.00000	0.00000	0.0	0.0028541	1.2039
				4.00000	-18.00000	0.00000	0.0	0.0028541	1.2039
				5.00000	-18.00000	0.00000	0.0	0.0028541	1.2039
				6.00000	-18.00000	0.00000	0.0	0.0028541	1.2039
				7.00000	-18.00000	0.00000	0.0	0.0028541	1.2039
				8.00000	-18.00000	0.00000	0.0	0.0028541	1.2039
				9.00000	-18.00000	0.00000	0.0	0.0028541	1.2039
				10.00000	-18.00000	0.00000	0.0	0.0028541	1.2039
				11.00000	-18.00000	0.00000	0.0	0.0028541	1.2039
				12.00000	-18.00000	0.00000	0.0	0.0028541	1.2039
				13.00000	-18.00000	0.00000	0.0	0.0028541	1.2039
				14.00000	-18.00000	0.00000	0.0	0.0028541	1.2039



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	-18.00000	0.00000	0.0	0.0028541	1.2039
				16.00000	-18.00000	0.00000	0.0	0.0028541	1.2039
				17.00000	-18.00000	0.00000	0.0	0.0028541	1.2039
				18.00000	-18.00000	0.00000	0.0	0.0	0.80221
				19.00000	-18.00000	0.00000	0.0	0.0	0.78329
				20.00000	-18.00000	0.00000	0.0	0.0	0.75751
				21.00000	-18.00000	0.00000	0.0	0.0	0.72545
				22.00000	-18.00000	0.00000	0.0	0.0	0.68771
				23.00000	-18.00000	0.00000	0.0	0.0	0.64491
				24.00000	-18.00000	0.00000	0.0	0.0	0.59763
				25.00000	-18.00000	0.00000	0.0	0.0	0.54645
				26.00000	-18.00000	0.00000	0.0	0.0	0.49191
				27.00000	-18.00000	0.00000	0.0	0.0	0.43449
				28.00000	-18.00000	0.00000	0.0	0.0	0.37464
				29.00000	-18.00000	0.00000	0.0	0.0	0.31276
				30.00000	-18.00000	0.00000	0.0	0.0	0.24919
				-40.00000	-17.00000	0.00000	0.0	0.0	0.0
				-39.00000	-17.00000	0.00000	0.0	0.0	0.0
				-38.00000	-17.00000	0.00000	0.0	0.0	0.0
				-37.00000	-17.00000	0.00000	0.0	0.0	0.0
				-36.00000	-17.00000	0.00000	0.0	0.0	0.0
				-35.00000	-17.00000	0.00000	0.0	0.0	0.0
				-34.00000	-17.00000	0.00000	0.0	0.0	0.0
				-33.00000	-17.00000	0.00000	0.0	0.0	0.0
				-32.00000	-17.00000	0.00000	0.0	0.0	0.0
				-31.00000	-17.00000	0.00000	0.0	0.0	0.0
				-30.00000	-17.00000	0.00000	0.0	0.0	0.0
				-29.00000	-17.00000	0.00000	0.0	0.0	0.0
				-28.00000	-17.00000	0.00000	0.0	0.0	0.0
				-27.00000	-17.00000	0.00000	0.0	0.0	0.0
				-26.00000	-17.00000	0.00000	0.0	0.0	0.0
				-25.00000	-17.00000	0.00000	0.0	0.0	0.0
				-24.00000	-17.00000	0.00000	0.0	0.0	0.0
				-23.00000	-17.00000	0.00000	0.0	0.0	0.0
				-22.00000	-17.00000	0.00000	0.0	0.0	0.0
				-21.00000	-17.00000	0.00000	0.0	0.0	0.0
				-20.00000	-17.00000	0.00000	0.0	0.0	0.0
				-19.00000	-17.00000	0.00000	0.0	0.0	0.0
				-18.00000	-17.00000	0.00000	0.0	0.0	0.0
				-17.00000	-17.00000	0.00000	0.0	0.0	0.0
				-16.00000	-17.00000	0.00000	0.0	0.0	0.066335
				-15.00000	-17.00000	0.00000	0.0	0.0	0.13643
				-14.00000	-17.00000	0.00000	0.0	0.0	0.20599
				-13.00000	-17.00000	0.00000	0.0	0.0	0.29040
				-12.00000	-17.00000	0.00000	0.0	0.0	0.39339
				-11.00000	-17.00000	0.00000	0.0	0.0	0.49133
				-10.00000	-17.00000	0.00000	0.0	0.0	0.58356
				-9.00000	-17.00000	0.00000	0.0	0.0	0.66938
				-8.00000	-17.00000	0.00000	0.0	0.0	0.74804
				-7.00000	-17.00000	0.00000	0.0	0.0	0.81872
				-6.00000	-17.00000	0.00000	0.0	0.0	0.88058
				-5.00000	-17.00000	0.00000	0.014309	0.081250	1.0302
				-4.00000	-17.00000	0.00000	0.021932	0.16292	1.0866
				-3.00000	-17.00000	0.00000	0.022758	0.23601	1.1350
				-2.00000	-17.00000	0.00000	0.018249	0.29734	1.1755
				-1.00000	-17.00000	0.00000	0.010063	0.34357	1.2076
				0.00000	-17.00000	0.00000	0.0	0.37135	1.1477
				1.00000	-17.00000	0.00000	0.0	0.55425	1.4610
				2.00000	-17.00000	0.00000	0.0	0.55425	1.4610
				3.00000	-17.00000	0.00000	0.0	0.55425	1.4610
				4.00000	-17.00000	0.00000	0.0	0.55425	1.4610
				5.00000	-17.00000	0.00000	0.0	0.55425	1.4610
				6.00000	-17.00000	0.00000	0.0	0.55425	1.4610
				7.00000	-17.00000	0.00000	0.0	0.55425	1.4610
				8.00000	-17.00000	0.00000	0.0	0.55425	1.4610
				9.00000	-17.00000	0.00000	0.0	0.55425	1.4610
				10.00000	-17.00000	0.00000	0.0	0.55425	1.4610
				11.00000	-17.00000	0.00000	0.0	0.55425	1.4610
				12.00000	-17.00000	0.00000	0.0	0.55425	1.4610
				13.00000	-17.00000	0.00000	0.0	0.55425	1.4610
				14.00000	-17.00000	0.00000	0.0	0.55425	1.4610



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	-17.00000	0.00000	0.0	0.55425	1.4610
				16.00000	-17.00000	0.00000	0.0	0.55425	1.4610
				17.00000	-17.00000	0.00000	0.0	0.55425	1.4610
				18.00000	-17.00000	0.00000	-0.0012448	0.36910	0.97659
				19.00000	-17.00000	0.00000	-0.011180	0.33893	0.95223
				20.00000	-17.00000	0.00000	-0.019018	0.29071	0.91905
				21.00000	-17.00000	0.00000	-0.022971	0.22779	0.87759
				22.00000	-17.00000	0.00000	-0.021403	0.15351	0.82821
				23.00000	-17.00000	0.00000	-0.012876	0.071015	0.77092
				24.00000	-17.00000	0.00000	0.0	0.0	0.70614
				25.00000	-17.00000	0.00000	0.0	0.0	0.65065
				26.00000	-17.00000	0.00000	0.0	0.0	0.59194
				27.00000	-17.00000	0.00000	0.0	0.0	0.53054
				28.00000	-17.00000	0.00000	0.0	0.0	0.46692
				29.00000	-17.00000	0.00000	0.0	0.0	0.40150
				30.00000	-17.00000	0.00000	0.0	0.0	0.33463
				-40.00000	-16.00000	0.00000	0.0	0.0	0.0
				-39.00000	-16.00000	0.00000	0.0	0.0	0.0
				-38.00000	-16.00000	0.00000	0.0	0.0	0.0
				-37.00000	-16.00000	0.00000	0.0	0.0	0.0
				-36.00000	-16.00000	0.00000	0.0	0.0	0.0
				-35.00000	-16.00000	0.00000	0.0	0.0	0.0
				-34.00000	-16.00000	0.00000	0.0	0.0	0.0
				-33.00000	-16.00000	0.00000	0.0	0.0	0.0
				-32.00000	-16.00000	0.00000	0.0	0.0	0.0
				-31.00000	-16.00000	0.00000	0.0	0.0	0.0
				-30.00000	-16.00000	0.00000	0.0	0.0	0.0
				-29.00000	-16.00000	0.00000	0.0	0.0	0.0
				-28.00000	-16.00000	0.00000	0.0	0.0	0.0
				-27.00000	-16.00000	0.00000	0.0	0.0	0.0
				-26.00000	-16.00000	0.00000	0.0	0.0	0.0
				-25.00000	-16.00000	0.00000	0.0	0.0	0.0
				-24.00000	-16.00000	0.00000	0.0	0.0	0.0
				-23.00000	-16.00000	0.00000	0.0	0.0	0.0
				-22.00000	-16.00000	0.00000	0.0	0.0	0.0
				-21.00000	-16.00000	0.00000	0.0	0.0	0.0
				-20.00000	-16.00000	0.00000	0.0	0.0	0.0
				-19.00000	-16.00000	0.00000	0.0	0.0	0.0
				-18.00000	-16.00000	0.00000	0.0	0.0	0.0
				-17.00000	-16.00000	0.00000	0.0	0.0	0.066335
				-16.00000	-16.00000	0.00000	0.0	0.0	0.13726
				-15.00000	-16.00000	0.00000	0.0	0.0	0.25285
				-14.00000	-16.00000	0.00000	0.0	0.0	0.36983
				-13.00000	-16.00000	0.00000	0.0	0.0	0.48318
				-12.00000	-16.00000	0.00000	0.0	0.0	0.59234
				-11.00000	-16.00000	0.00000	0.0	0.0	0.69669
				-10.00000	-16.00000	0.00000	0.0	0.0	0.79556
				-9.00000	-16.00000	0.00000	0.0	0.0	0.88820
				-8.00000	-16.00000	0.00000	0.0094866	0.027130	0.98079
				-7.00000	-16.00000	0.00000	0.039140	0.13401	1.0741
				-6.00000	-16.00000	0.00000	0.057749	0.24179	1.1542
				-5.00000	-16.00000	0.00000	0.066050	0.34804	1.3695
				-4.00000	-16.00000	0.00000	0.065087	0.44989	1.4282
				-3.00000	-16.00000	0.00000	0.056218	0.54398	1.4806
				-2.00000	-16.00000	0.00000	0.041101	0.62664	1.5257
				-1.00000	-16.00000	0.00000	0.021658	0.69396	1.5627
				0.00000	-16.00000	0.00000	0.0	0.74194	1.4415
				1.00000	-16.00000	0.00000	0.0	1.1074	1.6994
				2.00000	-16.00000	0.00000	0.0	1.1074	1.6994
				3.00000	-16.00000	0.00000	0.0	1.1074	1.6994
				4.00000	-16.00000	0.00000	0.0	1.1074	1.6994
				5.00000	-16.00000	0.00000	0.0	1.1074	1.6994
				6.00000	-16.00000	0.00000	0.0	1.1074	1.6994
				7.00000	-16.00000	0.00000	0.0	1.1074	1.6994
				8.00000	-16.00000	0.00000	0.0	1.1074	1.6994
				9.00000	-16.00000	0.00000	0.0	1.1074	1.6994
				10.00000	-16.00000	0.00000	0.0	1.1074	1.6994
				11.00000	-16.00000	0.00000	0.0	1.1074	1.6994
				12.00000	-16.00000	0.00000	0.0	1.1074	1.6994
				13.00000	-16.00000	0.00000	0.0	1.1074	1.6994
				14.00000	-16.00000	0.00000	0.0	1.1074	1.6994



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	-16.00000	0.00000	0.0	1.1074	1.6994
				16.00000	-16.00000	0.00000	0.0	1.1074	1.6994
				17.00000	-16.00000	0.00000	0.0	1.1074	1.6994
				18.00000	-16.00000	0.00000	-0.0026430	0.73733	1.1358
				19.00000	-16.00000	0.00000	-0.024151	0.68682	1.1068
				20.00000	-16.00000	0.00000	-0.043184	0.61745	1.0687
				21.00000	-16.00000	0.00000	-0.057647	0.53322	1.0226
				22.00000	-16.00000	0.00000	-0.065650	0.43800	0.96952
				23.00000	-16.00000	0.00000	-0.065566	0.33546	0.91007
				24.00000	-16.00000	0.00000	-0.056077	0.22888	0.84459
				25.00000	-16.00000	0.00000	-0.036177	0.12109	0.77273
				26.00000	-16.00000	0.00000	-0.0051613	0.014462	0.69326
				27.00000	-16.00000	0.00000	0.0	0.0	0.62295
				28.00000	-16.00000	0.00000	0.0	0.0	0.55540
				29.00000	-16.00000	0.00000	0.0	0.0	0.48633
				30.00000	-16.00000	0.00000	0.0	0.0	0.41609
				-40.00000	-15.00000	0.00000	0.0	0.0	0.0
				-39.00000	-15.00000	0.00000	0.0	0.0	0.0
				-38.00000	-15.00000	0.00000	0.0	0.0	0.0
				-37.00000	-15.00000	0.00000	0.0	0.0	0.0
				-36.00000	-15.00000	0.00000	0.0	0.0	0.0
				-35.00000	-15.00000	0.00000	0.0	0.0	0.0
				-34.00000	-15.00000	0.00000	0.0	0.0	0.0
				-33.00000	-15.00000	0.00000	0.0	0.0	0.0
				-32.00000	-15.00000	0.00000	0.0	0.0	0.0
				-31.00000	-15.00000	0.00000	0.0	0.0	0.0
				-30.00000	-15.00000	0.00000	0.0	0.0	0.0
				-29.00000	-15.00000	0.00000	0.0	0.0	0.0
				-28.00000	-15.00000	0.00000	0.0	0.0	0.0
				-27.00000	-15.00000	0.00000	0.0	0.0	0.0
				-26.00000	-15.00000	0.00000	0.0	0.0	0.0
				-25.00000	-15.00000	0.00000	0.0	0.0	0.0
				-24.00000	-15.00000	0.00000	0.0	0.0	0.0
				-23.00000	-15.00000	0.00000	0.0	0.0	0.0
				-22.00000	-15.00000	0.00000	0.0	0.0	0.0
				-21.00000	-15.00000	0.00000	0.0	0.0	0.0
				-20.00000	-15.00000	0.00000	0.0	0.0	0.0
				-19.00000	-15.00000	0.00000	0.0	0.0	0.0
				-18.00000	-15.00000	0.00000	0.0	0.0	0.059159
				-17.00000	-15.00000	0.00000	0.0	0.0	0.18148
				-16.00000	-15.00000	0.00000	0.0	0.0	0.30796
				-15.00000	-15.00000	0.00000	0.0	0.0	0.42770
				-14.00000	-15.00000	0.00000	0.0	0.0	0.55041
				-13.00000	-15.00000	0.00000	0.0	0.0	0.66983
				-12.00000	-15.00000	0.00000	0.0	0.0	0.78537
				-11.00000	-15.00000	0.00000	0.0	0.0	0.89643
				-10.00000	-15.00000	0.00000	0.0	0.0	1.0023
				-9.00000	-15.00000	0.00000	0.048576	0.10759	1.1228
				-8.00000	-15.00000	0.00000	0.086440	0.22613	1.2296
				-7.00000	-15.00000	0.00000	0.11135	0.34973	1.3256
				-6.00000	-15.00000	0.00000	0.12368	0.47640	1.4117
				-5.00000	-15.00000	0.00000	0.12413	0.60352	1.6996
				-4.00000	-15.00000	0.00000	0.11378	0.72787	1.7659
				-3.00000	-15.00000	0.00000	0.094135	0.84563	1.8266
				-2.00000	-15.00000	0.00000	0.067080	0.95250	1.8800
				-1.00000	-15.00000	0.00000	0.034865	1.0438	1.9244
				0.00000	-15.00000	0.00000	0.0	1.1149	1.7430
				1.00000	-15.00000	0.00000	0.0	1.6640	1.9496
				2.00000	-15.00000	0.00000	0.0	1.6640	1.9496
				3.00000	-15.00000	0.00000	0.0	1.6640	1.9496
				4.00000	-15.00000	0.00000	0.0	1.6640	1.9496
				5.00000	-15.00000	0.00000	0.0	1.6640	1.9496
				6.00000	-15.00000	0.00000	0.0	1.6640	1.9496
				7.00000	-15.00000	0.00000	0.0	1.6640	1.9496
				8.00000	-15.00000	0.00000	0.0	1.6640	1.9496
				9.00000	-15.00000	0.00000	0.0	1.6640	1.9496
				10.00000	-15.00000	0.00000	0.0	1.6640	1.9496
				11.00000	-15.00000	0.00000	0.0	1.6640	1.9496
				12.00000	-15.00000	0.00000	0.0	1.6640	1.9496
				13.00000	-15.00000	0.00000	0.0	1.6640	1.9496
				14.00000	-15.00000	0.00000	0.0	1.6640	1.9496



Braemar Avenue
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Job No.	Sheet No.	Rev.
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	-15.00000	0.00000	0.0	1.6640	1.9496
				16.00000	-15.00000	0.00000	0.0	1.6640	1.9496
				17.00000	-15.00000	0.00000	0.0	1.6640	1.9496
				18.00000	-15.00000	0.00000	-0.0042366	1.1076	1.3027
				19.00000	-15.00000	0.00000	-0.038922	1.0339	1.2676
				20.00000	-15.00000	0.00000	-0.070646	0.94041	1.2220
				21.00000	-15.00000	0.00000	-0.096925	0.83199	1.1676
				22.00000	-15.00000	0.00000	-0.11555	0.71322	1.1062
				23.00000	-15.00000	0.00000	-0.12467	0.58835	1.0393
				24.00000	-15.00000	0.00000	-0.12285	0.46112	0.96807
				25.00000	-15.00000	0.00000	-0.10904	0.33469	0.89315
				26.00000	-15.00000	0.00000	-0.082584	0.21160	0.81423
				27.00000	-15.00000	0.00000	-0.043155	0.093780	0.72991
				28.00000	-15.00000	0.00000	0.0	0.0	0.63959
				29.00000	-15.00000	0.00000	0.0	0.0	0.56678
				30.00000	-15.00000	0.00000	0.0	0.0	0.49314
				-40.00000	-14.00000	0.00000	0.0	0.0	0.0
				-39.00000	-14.00000	0.00000	0.0	0.0	0.0
				-38.00000	-14.00000	0.00000	0.0	0.0	0.0
				-37.00000	-14.00000	0.00000	0.0	0.0	0.0
				-36.00000	-14.00000	0.00000	0.0	0.0	0.0
				-35.00000	-14.00000	0.00000	0.0	0.0	0.0
				-34.00000	-14.00000	0.00000	0.0	0.0	0.0
				-33.00000	-14.00000	0.00000	0.0	0.0	0.0
				-32.00000	-14.00000	0.00000	0.0	0.0	0.0
				-31.00000	-14.00000	0.00000	0.0	0.0	0.0
				-30.00000	-14.00000	0.00000	0.0	0.0	0.0
				-29.00000	-14.00000	0.00000	0.0	0.0	0.0
				-28.00000	-14.00000	0.00000	0.0	0.0	0.0
				-27.00000	-14.00000	0.00000	0.0	0.0	0.0
				-26.00000	-14.00000	0.00000	0.0	0.0	0.0
				-25.00000	-14.00000	0.00000	0.0	0.0	0.0
				-24.00000	-14.00000	0.00000	0.0	0.0	0.0
				-23.00000	-14.00000	0.00000	0.0	0.0	0.0
				-22.00000	-14.00000	0.00000	0.0	0.0	0.0
				-21.00000	-14.00000	0.00000	0.0	0.0	0.0
				-20.00000	-14.00000	0.00000	0.0	0.0	0.0
				-19.00000	-14.00000	0.00000	0.0	0.0	0.066345
				-18.00000	-14.00000	0.00000	0.0	0.0	0.20993
				-17.00000	-14.00000	0.00000	0.0	0.0	0.34815
				-16.00000	-14.00000	0.00000	0.0	0.0	0.48038
				-15.00000	-14.00000	0.00000	0.0	0.0	0.60593
				-14.00000	-14.00000	0.00000	0.0	0.0	0.72407
				-13.00000	-14.00000	0.00000	0.0	0.0	0.84969
				-12.00000	-14.00000	0.00000	0.0	0.0	0.97184
				-11.00000	-14.00000	0.00000	0.023446	0.034714	1.0994
				-10.00000	-14.00000	0.00000	0.087131	0.14931	1.2309
				-9.00000	-14.00000	0.00000	0.13662	0.27381	1.3516
				-8.00000	-14.00000	0.00000	0.17159	0.40743	1.4642
				-7.00000	-14.00000	0.00000	0.19191	0.54882	1.5699
				-6.00000	-14.00000	0.00000	0.19780	0.69596	1.6684
				-5.00000	-14.00000	0.00000	0.18987	0.84609	2.0347
				-4.00000	-14.00000	0.00000	0.16923	0.99563	2.1140
				-3.00000	-14.00000	0.00000	0.13752	1.1402	2.1876
				-2.00000	-14.00000	0.00000	0.096913	1.2748	2.2530
				-1.00000	-14.00000	0.00000	0.050066	1.3937	2.3078
				0.00000	-14.00000	0.00000	0.0	1.4914	2.0683
				1.00000	-14.00000	0.00000	0.0	2.2259	2.2350
				2.00000	-14.00000	0.00000	0.0	2.2259	2.2350
				3.00000	-14.00000	0.00000	0.0	2.2259	2.2350
				4.00000	-14.00000	0.00000	0.0	2.2259	2.2350
				5.00000	-14.00000	0.00000	0.0	2.2259	2.2350
				6.00000	-14.00000	0.00000	0.0	2.2259	2.2350
				7.00000	-14.00000	0.00000	0.0	2.2259	2.2350
				8.00000	-14.00000	0.00000	0.0	2.2259	2.2350
				9.00000	-14.00000	0.00000	0.0	2.2259	2.2350
				10.00000	-14.00000	0.00000	0.0	2.2259	2.2350
				11.00000	-14.00000	0.00000	0.0	2.2259	2.2350
				12.00000	-14.00000	0.00000	0.0	2.2259	2.2350
				13.00000	-14.00000	0.00000	0.0	2.2259	2.2350
				14.00000	-14.00000	0.00000	0.0	2.2259	2.2350



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	-14.00000	0.00000	0.0	2.2259	2.2350
				16.00000	-14.00000	0.00000	0.0	2.2259	2.2350
				17.00000	-14.00000	0.00000	0.0	2.2259	2.2350
				18.00000	-14.00000	0.00000	-0.0060721	1.4810	1.4932
				19.00000	-14.00000	0.00000	-0.055920	1.3805	1.4498
				20.00000	-14.00000	0.00000	-0.10217	1.2593	1.3937
				21.00000	-14.00000	0.00000	-0.14184	1.1233	1.3271
				22.00000	-14.00000	0.00000	-0.17233	0.97786	1.2527
				23.00000	-14.00000	0.00000	-0.19152	0.82803	1.1730
				24.00000	-14.00000	0.00000	-0.19783	0.67808	1.0902
				25.00000	-14.00000	0.00000	-0.19024	0.53150	1.0059
				26.00000	-14.00000	0.00000	-0.16816	0.39095	0.92079
				27.00000	-14.00000	0.00000	-0.13145	0.25837	0.83442
				28.00000	-14.00000	0.00000	-0.080230	0.13502	0.74498
				29.00000	-14.00000	0.00000	-0.014872	0.021650	0.64917
				30.00000	-14.00000	0.00000	0.0	0.0	0.56531
				-40.00000	-13.00000	0.00000	0.0	0.0	0.0
				-39.00000	-13.00000	0.00000	0.0	0.0	0.0
				-38.00000	-13.00000	0.00000	0.0	0.0	0.0
				-37.00000	-13.00000	0.00000	0.0	0.0	0.0
				-36.00000	-13.00000	0.00000	0.0	0.0	0.0
				-35.00000	-13.00000	0.00000	0.0	0.0	0.0
				-34.00000	-13.00000	0.00000	0.0	0.0	0.0
				-33.00000	-13.00000	0.00000	0.0	0.0	0.0
				-32.00000	-13.00000	0.00000	0.0	0.0	0.0
				-31.00000	-13.00000	0.00000	0.0	0.0	0.0
				-30.00000	-13.00000	0.00000	0.0	0.0	0.0
				-29.00000	-13.00000	0.00000	0.0	0.0	0.0
				-28.00000	-13.00000	0.00000	0.0	0.0	0.0
				-27.00000	-13.00000	0.00000	0.0	0.0	0.0
				-26.00000	-13.00000	0.00000	0.0	0.0	0.0
				-25.00000	-13.00000	0.00000	0.0	0.0	0.0
				-24.00000	-13.00000	0.00000	0.0	0.0	0.0
				-23.00000	-13.00000	0.00000	0.0	0.0	0.0
				-22.00000	-13.00000	0.00000	0.0	0.0	0.0
				-21.00000	-13.00000	0.00000	0.0	0.0	0.0
				-20.00000	-13.00000	0.00000	0.0	0.0	0.063731
				-19.00000	-13.00000	0.00000	0.0	0.0	0.21765
				-18.00000	-13.00000	0.00000	0.0	0.0	0.36699
				-17.00000	-13.00000	0.00000	0.0	0.0	0.51116
				-16.00000	-13.00000	0.00000	0.0	0.0	0.64952
				-15.00000	-13.00000	0.00000	0.0	0.0	0.78134
				-14.00000	-13.00000	0.00000	0.0	0.0	0.90581
				-13.00000	-13.00000	0.00000	0.0	0.0	1.0221
				-12.00000	-13.00000	0.00000	0.040980	0.046870	1.1640
				-11.00000	-13.00000	0.00000	0.12027	0.15843	1.3072
				-10.00000	-13.00000	0.00000	0.18474	0.28267	1.4415
				-9.00000	-13.00000	0.00000	0.23362	0.41958	1.5704
				-8.00000	-13.00000	0.00000	0.26628	0.56865	1.6956
				-7.00000	-13.00000	0.00000	0.28232	0.72877	1.8174
				-6.00000	-13.00000	0.00000	0.28170	0.89799	1.9345
				-5.00000	-13.00000	0.00000	0.26488	1.0735	2.3850
				-4.00000	-13.00000	0.00000	0.23295	1.2513	2.4823
				-3.00000	-13.00000	0.00000	0.18767	1.4264	2.5736
				-2.00000	-13.00000	0.00000	0.13155	1.5929	2.6552
				-1.00000	-13.00000	0.00000	0.067761	1.7440	2.7236
				0.00000	-13.00000	0.00000	0.0	1.8725	2.4283
				1.00000	-13.00000	0.00000	0.0	2.7948	2.5724
				2.00000	-13.00000	0.00000	0.0	2.7948	2.5724
				3.00000	-13.00000	0.00000	0.0	2.7948	2.5724
				4.00000	-13.00000	0.00000	0.0	2.7948	2.5724
				5.00000	-13.00000	0.00000	0.0	2.7948	2.5724
				6.00000	-13.00000	0.00000	0.0	2.7948	2.5724
				7.00000	-13.00000	0.00000	0.0	2.7948	2.5724
				8.00000	-13.00000	0.00000	0.0	2.7948	2.5724
				9.00000	-13.00000	0.00000	0.0	2.7948	2.5724
				10.00000	-13.00000	0.00000	0.0	2.7948	2.5724
				11.00000	-13.00000	0.00000	0.0	2.7948	2.5724
				12.00000	-13.00000	0.00000	0.0	2.7948	2.5724
				13.00000	-13.00000	0.00000	0.0	2.7948	2.5724
				14.00000	-13.00000	0.00000	0.0	2.7948	2.5724



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	-13.00000	0.00000	0.0	2.7948	2.5724
				16.00000	-13.00000	0.00000	0.0	2.7948	2.5724
				17.00000	-13.00000	0.00000	0.0	2.7948	2.5724
				18.00000	-13.00000	0.00000	-0.0082108	1.8585	1.7182
				19.00000	-13.00000	0.00000	-0.075701	1.7269	1.6642
				20.00000	-13.00000	0.00000	-0.13875	1.5736	1.5940
				21.00000	-13.00000	0.00000	-0.19373	1.4057	1.5110
				22.00000	-13.00000	0.00000	-0.23753	1.2300	1.4188
				23.00000	-13.00000	0.00000	-0.26773	1.0522	1.3211
				24.00000	-13.00000	0.00000	-0.28264	0.87729	1.2211
				25.00000	-13.00000	0.00000	-0.28128	0.70902	1.1215
				26.00000	-13.00000	0.00000	-0.26323	0.55015	1.0240
				27.00000	-13.00000	0.00000	-0.22860	0.40250	0.92910
				28.00000	-13.00000	0.00000	-0.17781	0.26709	0.83581
				29.00000	-13.00000	0.00000	-0.11152	0.14437	0.74165
				30.00000	-13.00000	0.00000	-0.030509	0.034324	0.64240
				-40.00000	-12.00000	0.00000	0.0	0.0	0.0
				-39.00000	-12.00000	0.00000	0.0	0.0	0.0
				-38.00000	-12.00000	0.00000	0.0	0.0	0.0
				-37.00000	-12.00000	0.00000	0.0	0.0	0.0
				-36.00000	-12.00000	0.00000	0.0	0.0	0.0
				-35.00000	-12.00000	0.00000	0.0	0.0	0.0
				-34.00000	-12.00000	0.00000	0.0	0.0	0.0
				-33.00000	-12.00000	0.00000	0.0	0.0	0.0
				-32.00000	-12.00000	0.00000	0.0	0.0	0.0
				-31.00000	-12.00000	0.00000	0.0	0.0	0.0
				-30.00000	-12.00000	0.00000	0.0	0.0	0.0
				-29.00000	-12.00000	0.00000	0.0	0.0	0.0
				-28.00000	-12.00000	0.00000	0.0	0.0	0.0
				-27.00000	-12.00000	0.00000	0.0	0.0	0.0
				-26.00000	-12.00000	0.00000	0.0	0.0	0.0
				-25.00000	-12.00000	0.00000	0.0	0.0	0.0
				-24.00000	-12.00000	0.00000	0.0	0.0	0.0
				-23.00000	-12.00000	0.00000	0.0	0.0	0.0
				-22.00000	-12.00000	0.00000	0.0	0.0	0.0
				-21.00000	-12.00000	0.00000	0.0	0.0	0.061915
				-20.00000	-12.00000	0.00000	0.0	0.0	0.20452
				-19.00000	-12.00000	0.00000	0.0	0.0	0.36417
				-18.00000	-12.00000	0.00000	0.0	0.0	0.51952
				-17.00000	-12.00000	0.00000	0.0	0.0	0.66998
				-16.00000	-12.00000	0.00000	0.0	0.0	0.81487
				-15.00000	-12.00000	0.00000	0.0	0.0	0.95342
				-14.00000	-12.00000	0.00000	0.0	0.0	1.0848
				-13.00000	-12.00000	0.00000	0.046870	0.040980	1.2210
				-12.00000	-12.00000	0.00000	0.14262	0.14262	1.3531
				-11.00000	-12.00000	0.00000	0.22504	0.26036	1.4998
				-10.00000	-12.00000	0.00000	0.29149	0.39343	1.6435
				-9.00000	-12.00000	0.00000	0.34084	0.54227	1.7868
				-8.00000	-12.00000	0.00000	0.37478	0.74725	1.9388
				-7.00000	-12.00000	0.00000	0.38712	0.96316	2.0872
				-6.00000	-12.00000	0.00000	0.37804	1.1753	2.2308
				-5.00000	-12.00000	0.00000	0.35122	1.4287	2.7782
				-4.00000	-12.00000	0.00000	0.30689	1.6382	2.8985
				-3.00000	-12.00000	0.00000	0.24627	1.8483	3.0122
				-2.00000	-12.00000	0.00000	0.17223	2.0519	3.1144
				-1.00000	-12.00000	0.00000	0.088614	2.2407	3.2001
				0.00000	-12.00000	0.00000	0.0	2.3576	2.8447
				1.00000	-12.00000	0.00000	0.0	3.3726	2.9713
				2.00000	-12.00000	0.00000	0.0	3.3726	2.9713
				3.00000	-12.00000	0.00000	0.0	3.3726	2.9713
				4.00000	-12.00000	0.00000	0.0	3.3726	2.9713
				5.00000	-12.00000	0.00000	0.0	3.3726	2.9713
				6.00000	-12.00000	0.00000	0.0	3.3726	2.9713
				7.00000	-12.00000	0.00000	0.0	3.3726	2.9713
				8.00000	-12.00000	0.00000	0.0	3.3726	2.9713
				9.00000	-12.00000	0.00000	0.0	3.3726	2.9713
				10.00000	-12.00000	0.00000	0.0	3.3726	2.9713
				11.00000	-12.00000	0.00000	0.0	3.3726	2.9713
				12.00000	-12.00000	0.00000	0.0	3.3726	2.9713
				13.00000	-12.00000	0.00000	0.0	3.3726	2.9713
				14.00000	-12.00000	0.00000	0.0	3.3726	2.9713



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	-12.00000	0.00000	0.0	3.3726	2.9713
				16.00000	-12.00000	0.00000	0.0	3.3726	2.9713
				17.00000	-12.00000	0.00000	0.0	3.3726	2.9713
				18.00000	-12.00000	0.00000	-0.010734	2.2414	1.9842
				19.00000	-12.00000	0.00000	-0.099007	2.0730	1.9164
				20.00000	-12.00000	0.00000	-0.18170	1.8819	1.8284
				21.00000	-12.00000	0.00000	-0.25431	1.6772	1.7246
				22.00000	-12.00000	0.00000	-0.31311	1.4668	1.6098
				23.00000	-12.00000	0.00000	-0.35534	1.2577	1.4890
				24.00000	-12.00000	0.00000	-0.37923	1.0554	1.3666
				25.00000	-12.00000	0.00000	-0.38392	0.86406	1.2464
				26.00000	-12.00000	0.00000	-0.36931	0.68626	1.1311
				27.00000	-12.00000	0.00000	-0.33586	0.52357	1.0219
				28.00000	-12.00000	0.00000	-0.28440	0.37663	0.91884
				29.00000	-12.00000	0.00000	-0.21597	0.24543	0.82012
				30.00000	-12.00000	0.00000	-0.13228	0.13006	0.72533
				-40.00000	-11.00000	0.00000	0.0	0.0	0.0
				-39.00000	-11.00000	0.00000	0.0	0.0	0.0
				-38.00000	-11.00000	0.00000	0.0	0.0	0.0
				-37.00000	-11.00000	0.00000	0.0	0.0	0.0
				-36.00000	-11.00000	0.00000	0.0	0.0	0.0
				-35.00000	-11.00000	0.00000	0.0	0.0	0.0
				-34.00000	-11.00000	0.00000	0.0	0.0	0.0
				-33.00000	-11.00000	0.00000	0.0	0.0	0.0
				-32.00000	-11.00000	0.00000	0.0	0.0	0.0
				-31.00000	-11.00000	0.00000	0.0	0.0	0.0
				-30.00000	-11.00000	0.00000	0.0	0.0	0.0
				-29.00000	-11.00000	0.00000	0.0	0.0	0.0
				-28.00000	-11.00000	0.00000	0.0	0.0	0.0
				-27.00000	-11.00000	0.00000	0.0	0.0	0.0
				-26.00000	-11.00000	0.00000	0.0	0.0	0.0
				-25.00000	-11.00000	0.00000	0.0	0.0	0.0
				-24.00000	-11.00000	0.00000	0.0	0.0	0.0
				-23.00000	-11.00000	0.00000	0.0	0.0	0.0
				-22.00000	-11.00000	0.00000	0.0	0.0	0.066718
				-21.00000	-11.00000	0.00000	0.0	0.0	0.17073
				-20.00000	-11.00000	0.00000	0.0	0.0	0.33974
				-19.00000	-11.00000	0.00000	0.0	0.0	0.50530
				-18.00000	-11.00000	0.00000	0.0	0.0	0.66692
				-17.00000	-11.00000	0.00000	0.0	0.0	0.82398
				-16.00000	-11.00000	0.00000	0.0	0.0	0.97580
				-15.00000	-11.00000	0.00000	0.0	0.0	1.1216
				-14.00000	-11.00000	0.00000	0.034714	0.023446	1.2700
				-13.00000	-11.00000	0.00000	0.15843	0.12027	1.4222
				-12.00000	-11.00000	0.00000	0.26871	0.26012	1.5660
				-11.00000	-11.00000	0.00000	0.36292	0.46655	1.7041
				-10.00000	-11.00000	0.00000	0.44038	0.69546	1.8719
				-9.00000	-11.00000	0.00000	0.49175	0.93600	2.0418
				-8.00000	-11.00000	0.00000	0.51694	1.1855	2.2145
				-7.00000	-11.00000	0.00000	0.51627	1.4405	2.3888
				-6.00000	-11.00000	0.00000	0.49065	1.6962	2.5616
				-5.00000	-11.00000	0.00000	0.45143	2.1667	3.2193
				-4.00000	-11.00000	0.00000	0.39357	2.4119	3.3673
				-3.00000	-11.00000	0.00000	0.31554	2.6622	3.5080
				-2.00000	-11.00000	0.00000	0.22064	2.9093	3.6352
				-1.00000	-11.00000	0.00000	0.11353	3.1429	3.7426
				0.00000	-11.00000	0.00000	0.0	3.1214	3.3218
				1.00000	-11.00000	0.00000	0.0	3.9609	3.4344
				2.00000	-11.00000	0.00000	0.0	3.9609	3.4344
				3.00000	-11.00000	0.00000	0.0	3.9609	3.4344
				4.00000	-11.00000	0.00000	0.0	3.9609	3.4344
				5.00000	-11.00000	0.00000	0.0	3.9609	3.4344
				6.00000	-11.00000	0.00000	0.0	3.9609	3.4344
				7.00000	-11.00000	0.00000	0.0	3.9609	3.4344
				8.00000	-11.00000	0.00000	0.0	3.9609	3.4344
				9.00000	-11.00000	0.00000	0.0	3.9609	3.4344
				10.00000	-11.00000	0.00000	0.0	3.9609	3.4344
				11.00000	-11.00000	0.00000	0.0	3.9609	3.4344
				12.00000	-11.00000	0.00000	0.0	3.9609	3.4344
				13.00000	-11.00000	0.00000	0.0	3.9609	3.4344
				14.00000	-11.00000	0.00000	0.0	3.9609	3.4344



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	-11.00000	0.00000	0.0	3.9609	3.4344
				16.00000	-11.00000	0.00000	0.0	3.9609	3.4344
				17.00000	-11.00000	0.00000	0.0	3.9609	3.4344
				18.00000	-11.00000	0.00000	-0.013752	2.6305	2.2927
				19.00000	-11.00000	0.00000	-0.12684	2.4181	2.2075
				20.00000	-11.00000	0.00000	-0.23277	2.1823	2.0974
				21.00000	-11.00000	0.00000	-0.32588	1.9344	1.9682
				22.00000	-11.00000	0.00000	-0.40163	1.6842	1.8263
				23.00000	-11.00000	0.00000	-0.45691	1.4401	1.6779
				24.00000	-11.00000	0.00000	-0.48997	1.2081	1.5285
				25.00000	-11.00000	0.00000	-0.50024	0.99254	1.3831
				26.00000	-11.00000	0.00000	-0.48810	0.79565	1.2453
				27.00000	-11.00000	0.00000	-0.45454	0.61850	1.1172
				28.00000	-11.00000	0.00000	-0.40095	0.46112	0.99950
				29.00000	-11.00000	0.00000	-0.33041	0.32436	0.89529
				30.00000	-11.00000	0.00000	-0.24934	0.21202	0.82285
				-40.00000	-10.00000	0.00000	0.0	0.0	0.0
				-39.00000	-10.00000	0.00000	0.0	0.0	0.0
				-38.00000	-10.00000	0.00000	0.0	0.0	0.0
				-37.00000	-10.00000	0.00000	0.0	0.0	0.0
				-36.00000	-10.00000	0.00000	0.0	0.0	0.0
				-35.00000	-10.00000	0.00000	0.0	0.0	0.0
				-34.00000	-10.00000	0.00000	0.0	0.0	0.0
				-33.00000	-10.00000	0.00000	0.0	0.0	0.0
				-32.00000	-10.00000	0.00000	0.0	0.0	0.0
				-31.00000	-10.00000	0.00000	0.0	0.0	0.0
				-30.00000	-10.00000	0.00000	0.0	0.0	0.0
				-29.00000	-10.00000	0.00000	0.0	0.0	0.0
				-28.00000	-10.00000	0.00000	0.0	0.0	0.0
				-27.00000	-10.00000	0.00000	0.0	0.0	0.0
				-26.00000	-10.00000	0.00000	0.0	0.0	0.0
				-25.00000	-10.00000	0.00000	0.0	0.0	0.0
				-24.00000	-10.00000	0.00000	0.0	0.0	0.0
				-23.00000	-10.00000	0.00000	0.0	0.0	0.065350
				-22.00000	-10.00000	0.00000	0.0	0.0	0.13792
				-21.00000	-10.00000	0.00000	0.0	0.0	0.29409
				-20.00000	-10.00000	0.00000	0.0	0.0	0.46876
				-19.00000	-10.00000	0.00000	0.0	0.0	0.64039
				-18.00000	-10.00000	0.00000	0.0	0.0	0.80848
				-17.00000	-10.00000	0.00000	0.0	0.0	0.97245
				-16.00000	-10.00000	0.00000	0.0	0.0	1.1316
				-15.00000	-10.00000	0.00000	0.0	0.0	1.2851
				-14.00000	-10.00000	0.00000	0.16876	0.13918	1.4712
				-13.00000	-10.00000	0.00000	0.33360	0.34721	1.6419
				-12.00000	-10.00000	0.00000	0.46426	0.56634	1.7988
				-11.00000	-10.00000	0.00000	0.55880	0.79527	1.9481
				-10.00000	-10.00000	0.00000	0.61530	1.0321	2.0924
				-9.00000	-10.00000	0.00000	0.66082	1.3032	2.2859
				-8.00000	-10.00000	0.00000	0.67690	1.5884	2.4870
				-7.00000	-10.00000	0.00000	0.66339	1.8845	2.6931
				-6.00000	-10.00000	0.00000	0.62073	2.1871	2.8999
				-5.00000	-10.00000	0.00000	0.56878	2.8783	3.6684
				-4.00000	-10.00000	0.00000	0.49631	3.1634	3.8481
				-3.00000	-10.00000	0.00000	0.39851	3.4602	4.0202
				-2.00000	-10.00000	0.00000	0.27908	3.7587	4.1770
				-1.00000	-10.00000	0.00000	0.14376	4.0462	4.3106
				0.00000	-10.00000	0.00000	0.0	3.8949	3.8322
				1.00000	-10.00000	0.00000	0.0	4.5616	3.9575
				2.00000	-10.00000	0.00000	0.0	4.5616	3.9575
				3.00000	-10.00000	0.00000	0.0	4.5616	3.9575
				4.00000	-10.00000	0.00000	0.0	4.5616	3.9575
				5.00000	-10.00000	0.00000	0.0	4.5616	3.9575
				6.00000	-10.00000	0.00000	0.0	4.5616	3.9575
				7.00000	-10.00000	0.00000	0.0	4.5616	3.9575
				8.00000	-10.00000	0.00000	0.0	4.5616	3.9575
				9.00000	-10.00000	0.00000	0.0	4.5616	3.9575
				10.00000	-10.00000	0.00000	0.0	4.5616	3.9575
				11.00000	-10.00000	0.00000	0.0	4.5616	3.9575
				12.00000	-10.00000	0.00000	0.0	4.5616	3.9575
				13.00000	-10.00000	0.00000	0.0	4.5616	3.9575
				14.00000	-10.00000	0.00000	0.0	4.5616	3.9575



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	-10.00000	0.00000	0.0	4.5616	3.9575
				16.00000	-10.00000	0.00000	0.0	4.5616	3.9575
				17.00000	-10.00000	0.00000	0.0	4.5616	3.9575
				18.00000	-10.00000	0.00000	-0.017422	3.0267	2.6410
				19.00000	-10.00000	0.00000	-0.16060	2.7611	2.5338
				20.00000	-10.00000	0.00000	-0.29438	2.4715	2.3970
				21.00000	-10.00000	0.00000	-0.41148	2.1726	2.2379
				22.00000	-10.00000	0.00000	-0.50640	1.8767	2.0645
				23.00000	-10.00000	0.00000	-0.57568	1.5936	1.8844
				24.00000	-10.00000	0.00000	-0.61776	1.3298	1.7045
				25.00000	-10.00000	0.00000	-0.63266	1.0894	1.5304
				26.00000	-10.00000	0.00000	-0.62149	0.87397	1.3667
				27.00000	-10.00000	0.00000	-0.58603	0.68372	1.2162
				28.00000	-10.00000	0.00000	-0.53111	0.52043	1.0858
				29.00000	-10.00000	0.00000	-0.47014	0.39379	1.0032
				30.00000	-10.00000	0.00000	-0.38142	0.27816	0.92102
				-40.00000	-9.00000	0.00000	0.0	0.0	0.0
				-39.00000	-9.00000	0.00000	0.0	0.0	0.0
				-38.00000	-9.00000	0.00000	0.0	0.0	0.0
				-37.00000	-9.00000	0.00000	0.0	0.0	0.0
				-36.00000	-9.00000	0.00000	0.0	0.0	0.0
				-35.00000	-9.00000	0.00000	0.0	0.0	0.0
				-34.00000	-9.00000	0.00000	0.0	0.0	0.0
				-33.00000	-9.00000	0.00000	0.0	0.0	0.0
				-32.00000	-9.00000	0.00000	0.0	0.0	0.0
				-31.00000	-9.00000	0.00000	0.0	0.0	0.0
				-30.00000	-9.00000	0.00000	0.0	0.0	0.0
				-29.00000	-9.00000	0.00000	0.0	0.0	0.0
				-28.00000	-9.00000	0.00000	0.0	0.0	0.0
				-27.00000	-9.00000	0.00000	0.0	0.0	0.0
				-26.00000	-9.00000	0.00000	0.0	0.0	0.0
				-25.00000	-9.00000	0.00000	0.0	0.0	0.0
				-24.00000	-9.00000	0.00000	0.0	0.0	0.055763
				-23.00000	-9.00000	0.00000	0.0	0.0	0.13468
				-22.00000	-9.00000	0.00000	0.0	0.0	0.23668
				-21.00000	-9.00000	0.00000	0.0	0.0	0.41470
				-20.00000	-9.00000	0.00000	0.0	0.0	0.59090
				-19.00000	-9.00000	0.00000	0.0	0.0	0.76869
				-18.00000	-9.00000	0.00000	0.0	0.0	0.94344
				-17.00000	-9.00000	0.00000	0.0	0.0	1.1146
				-16.00000	-9.00000	0.00000	0.0048978	0.0087253	1.2851
				-15.00000	-9.00000	0.00000	0.16643	0.17052	1.4868
				-14.00000	-9.00000	0.00000	0.37320	0.37923	1.6762
				-13.00000	-9.00000	0.00000	0.54613	0.60304	1.8521
				-12.00000	-9.00000	0.00000	0.68282	0.84137	2.0236
				-11.00000	-9.00000	0.00000	0.78071	1.0931	2.1951
				-10.00000	-9.00000	0.00000	0.83711	1.3565	2.3669
				-9.00000	-9.00000	0.00000	0.84934	1.6292	2.5359
				-8.00000	-9.00000	0.00000	0.85743	1.9507	2.7711
				-7.00000	-9.00000	0.00000	0.83172	2.2894	3.0139
				-6.00000	-9.00000	0.00000	0.77194	2.6416	3.2587
				-5.00000	-9.00000	0.00000	0.70742	3.5574	4.1469
				-4.00000	-9.00000	0.00000	0.61951	3.8867	4.3613
				-3.00000	-9.00000	0.00000	0.49931	4.2371	4.5685
				-2.00000	-9.00000	0.00000	0.35082	4.5971	4.7595
				-1.00000	-9.00000	0.00000	0.18112	4.9504	4.9245
				0.00000	-9.00000	0.00000	0.0	4.6806	4.3876
				1.00000	-9.00000	0.00000	0.0	5.1765	4.5291
				2.00000	-9.00000	0.00000	0.0	5.1765	4.5291
				3.00000	-9.00000	0.00000	0.0	5.1765	4.5291
				4.00000	-9.00000	0.00000	0.0	5.1765	4.5291
				5.00000	-9.00000	0.00000	0.0	5.1765	4.5291
				6.00000	-9.00000	0.00000	0.0	5.1765	4.5291
				7.00000	-9.00000	0.00000	0.0	5.1765	4.5291
				8.00000	-9.00000	0.00000	0.0	5.1765	4.5291
				9.00000	-9.00000	0.00000	0.0	5.1765	4.5291
				10.00000	-9.00000	0.00000	0.0	5.1765	4.5291
				11.00000	-9.00000	0.00000	0.0	5.1765	4.5291
				12.00000	-9.00000	0.00000	0.0	5.1765	4.5291
				13.00000	-9.00000	0.00000	0.0	5.1765	4.5291
				14.00000	-9.00000	0.00000	0.0	5.1765	4.5291



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	-9.00000	0.00000	0.0	5.1765	4.5291
				16.00000	-9.00000	0.00000	0.0	5.1765	4.5291
				17.00000	-9.00000	0.00000	0.0	5.1765	4.5291
				18.00000	-9.00000	0.00000	-0.021966	3.4310	3.0211
				19.00000	-9.00000	0.00000	-0.20230	3.0994	2.8868
				20.00000	-9.00000	0.00000	-0.36992	2.7443	2.7182
				21.00000	-9.00000	0.00000	-0.51533	2.3848	2.5248
				22.00000	-9.00000	0.00000	-0.63181	2.0363	2.3162
				23.00000	-9.00000	0.00000	-0.71572	1.7102	2.1015
				24.00000	-9.00000	0.00000	-0.76608	1.4132	1.8884
				25.00000	-9.00000	0.00000	-0.78391	1.1483	1.6836
				26.00000	-9.00000	0.00000	-0.77147	0.91613	1.4921
				27.00000	-9.00000	0.00000	-0.73581	0.71942	1.3248
				28.00000	-9.00000	0.00000	-0.69897	0.57494	1.2212
				29.00000	-9.00000	0.00000	-0.62864	0.44474	1.1201
				30.00000	-9.00000	0.00000	-0.52886	0.32739	1.0232
				-40.00000	-8.00000	0.00000	0.0	0.0	0.0
				-39.00000	-8.00000	0.00000	0.0	0.0	0.0
				-38.00000	-8.00000	0.00000	0.0	0.0	0.0
				-37.00000	-8.00000	0.00000	0.0	0.0	0.0
				-36.00000	-8.00000	0.00000	0.0	0.0	0.0
				-35.00000	-8.00000	0.00000	0.0	0.0	0.0
				-34.00000	-8.00000	0.00000	0.0	0.0	0.0
				-33.00000	-8.00000	0.00000	0.0	0.0	0.0
				-32.00000	-8.00000	0.00000	0.0	0.0	0.0
				-31.00000	-8.00000	0.00000	0.0	0.0	0.0
				-30.00000	-8.00000	0.00000	0.0	0.0	0.0
				-29.00000	-8.00000	0.00000	0.0	0.0	0.0
				-28.00000	-8.00000	0.00000	0.0	0.0	0.0
				-27.00000	-8.00000	0.00000	0.0	0.0	0.0
				-26.00000	-8.00000	0.00000	0.0	0.0	0.0
				-25.00000	-8.00000	0.00000	0.0	0.0	0.036576
				-24.00000	-8.00000	0.00000	0.0	0.0	0.12177
				-23.00000	-8.00000	0.00000	0.0	0.0	0.20337
				-22.00000	-8.00000	0.00000	0.0	0.0	0.35127
				-21.00000	-8.00000	0.00000	0.0	0.0	0.53508
				-20.00000	-8.00000	0.00000	0.0	0.0	0.71217
				-19.00000	-8.00000	0.00000	0.0	0.0	0.88941
				-18.00000	-8.00000	0.00000	0.0	0.0	1.0709
				-17.00000	-8.00000	0.00000	0.028994	0.040186	1.2603
				-16.00000	-8.00000	0.00000	0.12361	0.16401	1.4602
				-15.00000	-8.00000	0.00000	0.37568	0.36601	1.6711
				-14.00000	-8.00000	0.00000	0.59519	0.58631	1.8664
				-13.00000	-8.00000	0.00000	0.77952	0.82511	2.0586
				-12.00000	-8.00000	0.00000	0.92574	1.0822	2.2554
				-11.00000	-8.00000	0.00000	1.0306	1.3566	2.4591
				-10.00000	-8.00000	0.00000	1.0907	1.6470	2.6679
				-9.00000	-8.00000	0.00000	1.1023	1.9511	2.8760
				-8.00000	-8.00000	0.00000	1.0615	2.2659	3.0746
				-7.00000	-8.00000	0.00000	1.0249	2.6479	3.3575
				-6.00000	-8.00000	0.00000	0.94866	3.0516	3.6428
				-5.00000	-8.00000	0.00000	0.87264	4.1953	4.6652
				-4.00000	-8.00000	0.00000	0.76908	4.5725	4.9160
				-3.00000	-8.00000	0.00000	0.62376	4.9847	5.1612
				-2.00000	-8.00000	0.00000	0.44061	5.4186	5.3906
				-1.00000	-8.00000	0.00000	0.22829	5.8537	5.5926
				0.00000	-8.00000	0.00000	0.0	5.4808	4.9905
				1.00000	-8.00000	0.00000	0.0	5.8072	5.1312
				2.00000	-8.00000	0.00000	0.0	5.8072	5.1312
				3.00000	-8.00000	0.00000	0.0	5.8072	5.1312
				4.00000	-8.00000	0.00000	0.0	5.8072	5.1312
				5.00000	-8.00000	0.00000	0.0	5.8072	5.1312
				6.00000	-8.00000	0.00000	0.0	5.8072	5.1312
				7.00000	-8.00000	0.00000	0.0	5.8072	5.1312
				8.00000	-8.00000	0.00000	0.0	5.8072	5.1312
				9.00000	-8.00000	0.00000	0.0	5.8072	5.1312
				10.00000	-8.00000	0.00000	0.0	5.8072	5.1312
				11.00000	-8.00000	0.00000	0.0	5.8072	5.1312
				12.00000	-8.00000	0.00000	0.0	5.8072	5.1312
				13.00000	-8.00000	0.00000	0.0	5.8072	5.1312
				14.00000	-8.00000	0.00000	0.0	5.8072	5.1312



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
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Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	-8.00000	0.00000	0.0	5.8072	5.1312
				16.00000	-8.00000	0.00000	0.0	5.8072	5.1312
				17.00000	-8.00000	0.00000	0.0	5.8072	5.1312
				18.00000	-8.00000	0.00000	-0.027722	3.8438	3.4209
				19.00000	-8.00000	0.00000	-0.25491	3.4292	3.2530
				20.00000	-8.00000	0.00000	-0.46434	2.9929	3.0471
				21.00000	-8.00000	0.00000	-0.64331	2.5607	2.8152
				22.00000	-8.00000	0.00000	-0.78375	2.1521	2.5688
				23.00000	-8.00000	0.00000	-0.88223	1.7796	2.3179
				24.00000	-8.00000	0.00000	-0.93907	1.4492	2.0711
				25.00000	-8.00000	0.00000	-0.95701	1.1620	1.8353
				26.00000	-8.00000	0.00000	-0.94605	0.92239	1.6263
				27.00000	-8.00000	0.00000	-0.93915	0.75547	1.4988
				28.00000	-8.00000	0.00000	-0.89066	0.60729	1.3704
				29.00000	-8.00000	0.00000	-0.80642	0.47573	1.2469
				30.00000	-8.00000	0.00000	-0.69157	0.35873	1.1311
				-40.00000	-7.00000	0.00000	0.0	0.0	0.0
				-39.00000	-7.00000	0.00000	0.0	0.0	0.0
				-38.00000	-7.00000	0.00000	0.0	0.0	0.0
				-37.00000	-7.00000	0.00000	0.0	0.0	0.0
				-36.00000	-7.00000	0.00000	0.0	0.0	0.0
				-35.00000	-7.00000	0.00000	0.0	0.0	0.0
				-34.00000	-7.00000	0.00000	0.0	0.0	0.0
				-33.00000	-7.00000	0.00000	0.0	0.0	0.0
				-32.00000	-7.00000	0.00000	0.0	0.0	0.0
				-31.00000	-7.00000	0.00000	0.0	0.0	0.0
				-30.00000	-7.00000	0.00000	0.0	0.0	0.0
				-29.00000	-7.00000	0.00000	0.0	0.0	0.0
				-28.00000	-7.00000	0.00000	0.0	0.0	0.0
				-27.00000	-7.00000	0.00000	0.0	0.0	0.0
				-26.00000	-7.00000	0.00000	0.0	0.0	0.0073803
				-25.00000	-7.00000	0.00000	0.0	0.0	0.098666
				-24.00000	-7.00000	0.00000	0.0	0.0	0.18672
				-23.00000	-7.00000	0.00000	0.0	0.0	0.27123
				-22.00000	-7.00000	0.00000	0.0	0.0	0.46201
				-21.00000	-7.00000	0.00000	0.0	0.0	0.65193
				-20.00000	-7.00000	0.00000	0.0	0.0	0.83529
				-19.00000	-7.00000	0.00000	0.0	0.0	1.0114
				-18.00000	-7.00000	0.00000	0.043585	0.046512	1.2032
				-17.00000	-7.00000	0.00000	0.12734	0.15638	1.4071
				-16.00000	-7.00000	0.00000	0.33022	0.31866	1.6264
				-15.00000	-7.00000	0.00000	0.59906	0.52747	1.8420
				-14.00000	-7.00000	0.00000	0.83474	0.75782	2.0534
				-13.00000	-7.00000	0.00000	1.0342	1.0104	2.2719
				-12.00000	-7.00000	0.00000	1.1940	1.2853	2.5033
				-11.00000	-7.00000	0.00000	1.3102	1.5820	2.7483
				-10.00000	-7.00000	0.00000	1.3786	1.8994	3.0026
				-9.00000	-7.00000	0.00000	1.3944	2.2354	3.2580
				-8.00000	-7.00000	0.00000	1.3524	2.5871	3.5028
				-7.00000	-7.00000	0.00000	1.2470	2.9510	3.7230
				-6.00000	-7.00000	0.00000	1.1560	3.4064	4.0497
				-5.00000	-7.00000	0.00000	1.0711	4.7796	5.2234
				-4.00000	-7.00000	0.00000	0.95306	5.2072	5.5101
				-3.00000	-7.00000	0.00000	0.78026	5.6896	5.7946
				-2.00000	-7.00000	0.00000	0.55561	6.2130	6.0661
				-1.00000	-7.00000	0.00000	0.28947	6.7518	6.3112
				0.00000	-7.00000	0.00000	0.0	6.2978	5.6337
				1.00000	-7.00000	0.00000	0.0	6.4555	5.7385
				2.00000	-7.00000	0.00000	0.0	6.4555	5.7385
				3.00000	-7.00000	0.00000	0.0	6.4555	5.7385
				4.00000	-7.00000	0.00000	0.0	6.4555	5.7385
				5.00000	-7.00000	0.00000	0.0	6.4555	5.7385
				6.00000	-7.00000	0.00000	0.0	6.4555	5.7385
				7.00000	-7.00000	0.00000	0.0	6.4555	5.7385
				8.00000	-7.00000	0.00000	0.0	6.4555	5.7385
				9.00000	-7.00000	0.00000	0.0	6.4555	5.7385
				10.00000	-7.00000	0.00000	0.0	6.4555	5.7385
				11.00000	-7.00000	0.00000	0.0	6.4555	5.7385
				12.00000	-7.00000	0.00000	0.0	6.4555	5.7385
				13.00000	-7.00000	0.00000	0.0	6.4555	5.7385
				14.00000	-7.00000	0.00000	0.0	6.4555	5.7385



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	-7.00000	0.00000	0.0	6.4555	5.7385
				16.00000	-7.00000	0.00000	0.0	6.4555	5.7385
				17.00000	-7.00000	0.00000	0.0	6.4555	5.7385
				18.00000	-7.00000	0.00000	-0.035219	4.2656	3.8231
				19.00000	-7.00000	0.00000	-0.32306	3.7433	3.6137
				20.00000	-7.00000	0.00000	-0.58504	3.2046	3.3647
				21.00000	-7.00000	0.00000	-0.80385	2.6850	3.0910
				22.00000	-7.00000	0.00000	-0.97011	2.2087	2.8057
				23.00000	-7.00000	0.00000	-1.0817	1.7881	2.5193
				24.00000	-7.00000	0.00000	-1.1415	1.4267	2.2404
				25.00000	-7.00000	0.00000	-1.1635	1.1304	1.9902
				26.00000	-7.00000	0.00000	-1.1950	0.93470	1.8446
				27.00000	-7.00000	0.00000	-1.1733	0.76417	1.6887
				28.00000	-7.00000	0.00000	-1.1069	0.61548	1.5323
				29.00000	-7.00000	0.00000	-1.0033	0.48550	1.3829
				30.00000	-7.00000	0.00000	-0.86875	0.37145	1.2447
				-40.00000	-6.00000	0.00000	0.0	0.0	0.0
				-39.00000	-6.00000	0.00000	0.0	0.0	0.0
				-38.00000	-6.00000	0.00000	0.0	0.0	0.0
				-37.00000	-6.00000	0.00000	0.0	0.0	0.0
				-36.00000	-6.00000	0.00000	0.0	0.0	0.0
				-35.00000	-6.00000	0.00000	0.0	0.0	0.0
				-34.00000	-6.00000	0.00000	0.0	0.0	0.0
				-33.00000	-6.00000	0.00000	0.0	0.0	0.0
				-32.00000	-6.00000	0.00000	0.0	0.0	0.0
				-31.00000	-6.00000	0.00000	0.0	0.0	0.0
				-30.00000	-6.00000	0.00000	0.0	0.0	0.0
				-29.00000	-6.00000	0.00000	0.0	0.0	0.0
				-28.00000	-6.00000	0.00000	0.0	0.0	0.0
				-27.00000	-6.00000	0.00000	0.0	0.0	0.0
				-26.00000	-6.00000	0.00000	0.0	0.0	0.065011
				-25.00000	-6.00000	0.00000	0.0	0.0	0.15927
				-24.00000	-6.00000	0.00000	0.0	0.0	0.25039
				-23.00000	-6.00000	0.00000	0.0	0.0	0.36634
				-22.00000	-6.00000	0.00000	0.0	0.0	0.56834
				-21.00000	-6.00000	0.00000	0.0	0.0	0.76467
				-20.00000	-6.00000	0.00000	0.0	0.0	0.95467
				-19.00000	-6.00000	0.00000	0.045905	0.037487	1.1501
				-18.00000	-6.00000	0.00000	0.14866	0.13816	1.3440
				-17.00000	-6.00000	0.00000	0.23348	0.25056	1.5378
				-16.00000	-6.00000	0.00000	0.54682	0.43923	1.7783
				-15.00000	-6.00000	0.00000	0.83579	0.65261	2.0078
				-14.00000	-6.00000	0.00000	1.0913	0.89092	2.2439
				-13.00000	-6.00000	0.00000	1.3100	1.1554	2.4966
				-12.00000	-6.00000	0.00000	1.4878	1.4467	2.7705
				-11.00000	-6.00000	0.00000	1.6203	1.7648	3.0644
				-10.00000	-6.00000	0.00000	1.7025	2.1087	3.3720
				-9.00000	-6.00000	0.00000	1.7287	2.4766	3.6824
				-8.00000	-6.00000	0.00000	1.6923	2.8657	3.9808
				-7.00000	-6.00000	0.00000	1.5856	3.2726	4.2497
				-6.00000	-6.00000	0.00000	1.3996	3.6933	4.4700
				-5.00000	-6.00000	0.00000	1.3111	5.2941	5.8120
				-4.00000	-6.00000	0.00000	1.1824	5.7706	6.1310
				-3.00000	-6.00000	0.00000	0.98118	6.3305	6.4534
				-2.00000	-6.00000	0.00000	0.70712	6.9624	6.7692
				-1.00000	-6.00000	0.00000	0.37152	7.6354	7.0641
				0.00000	-6.00000	0.00000	0.0	7.1340	6.3009
				1.00000	-6.00000	0.00000	0.0	7.1233	6.3188
				2.00000	-6.00000	0.00000	0.0	7.1233	6.3188
				3.00000	-6.00000	0.00000	0.0	7.1233	6.3188
				4.00000	-6.00000	0.00000	0.0	7.1233	6.3188
				5.00000	-6.00000	0.00000	0.0	7.1233	6.3188
				6.00000	-6.00000	0.00000	0.0	7.1233	6.3188
				7.00000	-6.00000	0.00000	0.0	7.1233	6.3188
				8.00000	-6.00000	0.00000	0.0	7.1233	6.3188
				9.00000	-6.00000	0.00000	0.0	7.1233	6.3188
				10.00000	-6.00000	0.00000	0.0	7.1233	6.3188
				11.00000	-6.00000	0.00000	0.0	7.1233	6.3188
				12.00000	-6.00000	0.00000	0.0	7.1233	6.3188
				13.00000	-6.00000	0.00000	0.0	7.1233	6.3188
				14.00000	-6.00000	0.00000	0.0	7.1233	6.3188



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	-6.00000	0.00000	0.0	7.1233	6.3188
				16.00000	-6.00000	0.00000	0.0	7.1233	6.3188
				17.00000	-6.00000	0.00000	0.0	7.1233	6.3188
				18.00000	-6.00000	0.00000	-0.045337	4.6959	4.2058
				19.00000	-6.00000	0.00000	-0.41432	4.0296	3.9448
				20.00000	-6.00000	0.00000	-0.74361	3.3591	3.6465
				21.00000	-6.00000	0.00000	-1.0093	2.7346	3.3293
				22.00000	-6.00000	0.00000	-1.2015	2.1845	3.0068
				23.00000	-6.00000	0.00000	-1.3220	1.7181	2.6888
				24.00000	-6.00000	0.00000	-1.3901	1.3442	2.4029
				25.00000	-6.00000	0.00000	-1.4729	1.1108	2.2537
				26.00000	-6.00000	0.00000	-1.4847	0.91219	2.0783
				27.00000	-6.00000	0.00000	-1.4390	0.74285	1.8910
				28.00000	-6.00000	0.00000	-1.3471	0.59791	1.7037
				29.00000	-6.00000	0.00000	-1.2180	0.47318	1.5257
				30.00000	-6.00000	0.00000	-1.0587	0.36519	1.3626
				-40.00000	-5.00000	0.00000	0.0	0.0	0.0
				-39.00000	-5.00000	0.00000	0.0	0.0	0.0
				-38.00000	-5.00000	0.00000	0.0	0.0	0.0
				-37.00000	-5.00000	0.00000	0.0	0.0	0.0
				-36.00000	-5.00000	0.00000	0.0	0.0	0.0
				-35.00000	-5.00000	0.00000	0.0	0.0	0.0
				-34.00000	-5.00000	0.00000	0.0	0.0	0.0
				-33.00000	-5.00000	0.00000	0.0	0.0	0.0
				-32.00000	-5.00000	0.00000	0.0	0.0	0.0
				-31.00000	-5.00000	0.00000	0.0	0.0	0.0
				-30.00000	-5.00000	0.00000	0.0	0.0	0.0
				-29.00000	-5.00000	0.00000	0.0	0.0	0.0
				-28.00000	-5.00000	0.00000	0.0	0.0	0.0
				-27.00000	-5.00000	0.00000	0.0	0.0	0.020612
				-26.00000	-5.00000	0.00000	0.0	0.0	0.12073
				-25.00000	-5.00000	0.00000	0.0	0.0	0.21812
				-24.00000	-5.00000	0.00000	0.0	0.0	0.31250
				-23.00000	-5.00000	0.00000	0.0	0.0	0.46122
				-22.00000	-5.00000	0.00000	0.0	0.0	0.66962
				-21.00000	-5.00000	0.00000	0.0	0.0	0.87266
				-20.00000	-5.00000	0.00000	0.027413	0.017342	1.0775
				-19.00000	-5.00000	0.00000	0.15879	0.11247	1.2903
				-18.00000	-5.00000	0.00000	0.26867	0.21565	1.4876
				-17.00000	-5.00000	0.00000	0.43617	0.34199	1.6906
				-16.00000	-5.00000	0.00000	0.77188	0.52393	1.9218
				-15.00000	-5.00000	0.00000	1.0845	0.73898	2.1724
				-14.00000	-5.00000	0.00000	1.3640	0.98249	2.4396
				-13.00000	-5.00000	0.00000	1.6062	1.2564	2.7328
				-12.00000	-5.00000	0.00000	1.8070	1.5620	3.0551
				-11.00000	-5.00000	0.00000	1.9612	1.8999	3.4039
				-10.00000	-5.00000	0.00000	2.0634	2.2695	3.7710
				-9.00000	-5.00000	0.00000	2.1070	2.6690	4.1431
				-8.00000	-5.00000	0.00000	2.0846	3.0954	4.5025
				-7.00000	-5.00000	0.00000	1.9868	3.5450	4.8278
				-6.00000	-5.00000	0.00000	1.8013	4.0142	5.0952
				-5.00000	-5.00000	0.00000	1.6022	5.7181	6.4129
				-4.00000	-5.00000	0.00000	1.4716	6.2342	6.7561
				-3.00000	-5.00000	0.00000	1.2451	6.8737	7.1107
				-2.00000	-5.00000	0.00000	0.91376	7.6355	7.4702
				-1.00000	-5.00000	0.00000	0.48652	8.4864	7.8218
				0.00000	-5.00000	0.00000	0.0	7.9919	6.9666
				1.00000	-5.00000	0.00000	0.0	7.8124	6.8330
				2.00000	-5.00000	0.00000	0.0	7.8124	6.8330
				3.00000	-5.00000	0.00000	0.0	7.8124	6.8330
				4.00000	-5.00000	0.00000	0.0	7.8124	6.8330
				5.00000	-5.00000	0.00000	0.0	7.8124	6.8330
				6.00000	-5.00000	0.00000	0.0	7.8124	6.8330
				7.00000	-5.00000	0.00000	0.0	7.8124	6.8330
				8.00000	-5.00000	0.00000	0.0	7.8124	6.8330
				9.00000	-5.00000	0.00000	0.0	7.8124	6.8330
				10.00000	-5.00000	0.00000	0.0	7.8124	6.8330
				11.00000	-5.00000	0.00000	0.0	7.8124	6.8330
				12.00000	-5.00000	0.00000	0.0	7.8124	6.8330
				13.00000	-5.00000	0.00000	0.0	7.8124	6.8330
				14.00000	-5.00000	0.00000	0.0	7.8124	6.8330



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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	-5.00000	0.00000	0.0	7.8124	6.8330
				16.00000	-5.00000	0.00000	0.0	7.8124	6.8330
				17.00000	-5.00000	0.00000	0.0	7.8124	6.8330
				18.00000	-5.00000	0.00000	-0.059663	5.1334	4.5422
				19.00000	-5.00000	0.00000	-0.54191	4.2659	4.2157
				20.00000	-5.00000	0.00000	-0.95900	3.4224	3.8621
				21.00000	-5.00000	0.00000	-1.2778	2.6744	3.5028
				22.00000	-5.00000	0.00000	-1.4920	2.0501	3.1492
				23.00000	-5.00000	0.00000	-1.6285	1.5642	2.8367
				24.00000	-5.00000	0.00000	-1.7824	1.2798	2.7080
				25.00000	-5.00000	0.00000	-1.8376	1.0453	2.5302
				26.00000	-5.00000	0.00000	-1.8162	0.85121	2.3220
				27.00000	-5.00000	0.00000	-1.7356	0.68950	2.1005
				28.00000	-5.00000	0.00000	-1.6094	0.55367	1.8802
				29.00000	-5.00000	0.00000	-1.4479	0.43857	1.6717
				30.00000	-5.00000	0.00000	-1.2585	0.34018	1.4820
				-40.00000	-4.00000	0.00000	0.0	0.0	0.0
				-39.00000	-4.00000	0.00000	0.0	0.0	0.0
				-38.00000	-4.00000	0.00000	0.0	0.0	0.0
				-37.00000	-4.00000	0.00000	0.0	0.0	0.0
				-36.00000	-4.00000	0.00000	0.0	0.0	0.0
				-35.00000	-4.00000	0.00000	0.0	0.0	0.0
				-34.00000	-4.00000	0.00000	0.0	0.0	0.0
				-33.00000	-4.00000	0.00000	0.0	0.0	0.0
				-32.00000	-4.00000	0.00000	0.0	0.0	0.0
				-31.00000	-4.00000	0.00000	0.0	0.0	0.0
				-30.00000	-4.00000	0.00000	0.0	0.0	0.0
				-29.00000	-4.00000	0.00000	0.0	0.0	0.0
				-28.00000	-4.00000	0.00000	0.0	0.0	0.0
				-27.00000	-4.00000	0.00000	0.0	0.0	0.070980
				-26.00000	-4.00000	0.00000	0.0	0.0	0.17423
				-25.00000	-4.00000	0.00000	0.0	0.0	0.27492
				-24.00000	-4.00000	0.00000	0.0	0.0	0.37273
				-23.00000	-4.00000	0.00000	0.0	0.0	0.55017
				-22.00000	-4.00000	0.00000	0.0	0.0	0.76517
				-21.00000	-4.00000	0.00000	0.0	0.0	0.97517
				-20.00000	-4.00000	0.00000	0.14187	0.077419	1.2059
				-19.00000	-4.00000	0.00000	0.28371	0.17274	1.4212
				-18.00000	-4.00000	0.00000	0.40342	0.27721	1.6277
				-17.00000	-4.00000	0.00000	0.66128	0.41387	1.8552
				-16.00000	-4.00000	0.00000	1.0154	0.58309	2.0836
				-15.00000	-4.00000	0.00000	1.3434	0.78412	2.3356
				-14.00000	-4.00000	0.00000	1.6508	1.0292	2.6382
				-13.00000	-4.00000	0.00000	1.9214	1.3091	2.9755
				-12.00000	-4.00000	0.00000	2.1502	1.6262	3.3499
				-11.00000	-4.00000	0.00000	2.3318	1.9818	3.7575
				-10.00000	-4.00000	0.00000	2.4604	2.3758	4.1887
				-9.00000	-4.00000	0.00000	2.5292	2.8063	4.6282
				-8.00000	-4.00000	0.00000	2.5305	3.2696	5.0554
				-7.00000	-4.00000	0.00000	2.4543	3.7610	5.4451
				-6.00000	-4.00000	0.00000	2.2862	4.2760	5.7688
				-5.00000	-4.00000	0.00000	2.1184	6.1916	7.2931
				-4.00000	-4.00000	0.00000	1.8393	6.5594	7.3545
				-3.00000	-4.00000	0.00000	1.6002	7.2660	7.7284
				-2.00000	-4.00000	0.00000	1.2080	8.1747	8.1251
				-1.00000	-4.00000	0.00000	0.65778	9.2667	8.5401
				0.00000	-4.00000	0.00000	0.0	8.8737	7.5958
				1.00000	-4.00000	0.00000	0.0	8.5243	7.2349
				2.00000	-4.00000	0.00000	0.0	8.5243	7.2349
				3.00000	-4.00000	0.00000	0.0	8.5243	7.2349
				4.00000	-4.00000	0.00000	0.0	8.5243	7.2349
				5.00000	-4.00000	0.00000	0.0	8.5243	7.2349
				6.00000	-4.00000	0.00000	0.0	8.5243	7.2349
				7.00000	-4.00000	0.00000	0.0	8.5243	7.2349
				8.00000	-4.00000	0.00000	0.0	8.5243	7.2349
				9.00000	-4.00000	0.00000	0.0	8.5243	7.2349
				10.00000	-4.00000	0.00000	0.0	8.5243	7.2349
				11.00000	-4.00000	0.00000	0.0	8.5243	7.2349
				12.00000	-4.00000	0.00000	0.0	8.5243	7.2349
				13.00000	-4.00000	0.00000	0.0	8.5243	7.2349
				14.00000	-4.00000	0.00000	0.0	8.5243	7.2349



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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	-4.00000	0.00000	0.0	8.5243	7.2349
				16.00000	-4.00000	0.00000	0.0	8.5243	7.2349
				17.00000	-4.00000	0.00000	0.0	8.5243	7.2349
				18.00000	-4.00000	0.00000	-0.081365	5.5737	4.8001
				19.00000	-4.00000	0.00000	-0.73112	4.4086	4.3878
				20.00000	-4.00000	0.00000	-1.2637	3.3349	3.9742
				21.00000	-4.00000	0.00000	-1.6365	2.4507	3.5803
				22.00000	-4.00000	0.00000	-1.8824	1.7904	3.2503
				23.00000	-4.00000	0.00000	-2.1408	1.4331	3.1776
				24.00000	-4.00000	0.00000	-2.2533	1.1520	3.0235
				25.00000	-4.00000	0.00000	-2.2591	0.92883	2.8127
				26.00000	-4.00000	0.00000	-2.1875	0.74950	2.5684
				27.00000	-4.00000	0.00000	-2.0593	0.60347	2.3107
				28.00000	-4.00000	0.00000	-1.8895	0.48300	2.0559
				29.00000	-4.00000	0.00000	-1.6886	0.38240	1.8162
				30.00000	-4.00000	0.00000	-1.4641	0.29740	1.5993
				-40.00000	-3.00000	0.00000	0.0	0.0	0.0
				-39.00000	-3.00000	0.00000	0.0	0.0	0.0
				-38.00000	-3.00000	0.00000	0.0	0.0	0.0
				-37.00000	-3.00000	0.00000	0.0	0.0	0.0
				-36.00000	-3.00000	0.00000	0.0	0.0	0.0
				-35.00000	-3.00000	0.00000	0.0	0.0	0.0
				-34.00000	-3.00000	0.00000	0.0	0.0	0.0
				-33.00000	-3.00000	0.00000	0.0	0.0	0.0
				-32.00000	-3.00000	0.00000	0.0	0.0	0.0
				-31.00000	-3.00000	0.00000	0.0	0.0	0.0
				-30.00000	-3.00000	0.00000	0.0	0.0	0.0
				-29.00000	-3.00000	0.00000	0.0	0.0	0.0
				-28.00000	-3.00000	0.00000	0.0	0.0	0.010092
				-27.00000	-3.00000	0.00000	0.0	0.0	0.11871
				-26.00000	-3.00000	0.00000	0.0	0.0	0.22520
				-25.00000	-3.00000	0.00000	0.0	0.0	0.32931
				-24.00000	-3.00000	0.00000	0.0	0.0	0.43073
				-23.00000	-3.00000	0.00000	0.0	0.0	0.63249
				-22.00000	-3.00000	0.00000	0.0	0.0	0.85424
				-21.00000	-3.00000	0.00000	0.090607	0.038283	1.0893
				-20.00000	-3.00000	0.00000	0.26541	0.12356	1.3230
				-19.00000	-3.00000	0.00000	0.42044	0.21763	1.5459
				-18.00000	-3.00000	0.00000	0.55310	0.32182	1.7665
				-17.00000	-3.00000	0.00000	0.89625	0.46032	2.0206
				-16.00000	-3.00000	0.00000	1.2821	0.62262	2.2720
				-15.00000	-3.00000	0.00000	1.6282	0.80404	2.5275
				-14.00000	-3.00000	0.00000	1.9495	1.0276	2.8338
				-13.00000	-3.00000	0.00000	2.2531	1.3091	3.2164
				-12.00000	-3.00000	0.00000	2.5152	1.6337	3.6437
				-11.00000	-3.00000	0.00000	2.7301	2.0040	4.1115
				-10.00000	-3.00000	0.00000	2.8914	2.4207	4.6091
				-9.00000	-3.00000	0.00000	2.9927	2.8818	5.1197
				-8.00000	-3.00000	0.00000	3.0272	3.3824	5.6205
				-7.00000	-3.00000	0.00000	2.9862	3.9149	6.0831
				-6.00000	-3.00000	0.00000	2.8565	4.4717	6.4742
				-5.00000	-3.00000	0.00000	2.7578	6.5840	8.2294
				-4.00000	-3.00000	0.00000	2.5459	6.9391	8.3100
				-3.00000	-3.00000	0.00000	2.0873	7.4262	8.2589
				-2.00000	-3.00000	0.00000	1.6493	8.4720	8.6733
				-1.00000	-3.00000	0.00000	0.93606	9.8899	9.1544
				0.00000	-3.00000	0.00000	0.0	9.7819	8.1440
				1.00000	-3.00000	0.00000	0.0	9.2611	7.4716
				2.00000	-3.00000	0.00000	0.0	9.2611	7.4716
				3.00000	-3.00000	0.00000	0.0	9.2611	7.4716
				4.00000	-3.00000	0.00000	0.0	9.2611	7.4716
				5.00000	-3.00000	0.00000	0.0	9.2611	7.4716
				6.00000	-3.00000	0.00000	0.0	9.2611	7.4716
				7.00000	-3.00000	0.00000	0.0	9.2611	7.4716
				8.00000	-3.00000	0.00000	0.0	9.2611	7.4716
				9.00000	-3.00000	0.00000	0.0	9.2611	7.4716
				10.00000	-3.00000	0.00000	0.0	9.2611	7.4716
				11.00000	-3.00000	0.00000	0.0	9.2611	7.4716
				12.00000	-3.00000	0.00000	0.0	9.2611	7.4716
				13.00000	-3.00000	0.00000	0.0	9.2611	7.4716
				14.00000	-3.00000	0.00000	0.0	9.2611	7.4716



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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	-3.00000	0.00000	0.0	9.2611	7.4716
				16.00000	-3.00000	0.00000	0.0	9.2611	7.4716
				17.00000	-3.00000	0.00000	0.0	9.2611	7.4716
				18.00000	-3.00000	0.00000	-0.11783	6.0058	4.9411
				19.00000	-3.00000	0.00000	-1.0361	4.3630	4.4093
				20.00000	-3.00000	0.00000	-1.7158	2.9881	3.9368
				21.00000	-3.00000	0.00000	-2.1589	2.0203	3.5894
				22.00000	-3.00000	0.00000	-2.5824	1.5516	3.6230
				23.00000	-3.00000	0.00000	-2.7709	1.2093	3.5289
				24.00000	-3.00000	0.00000	-2.8036	0.95418	3.3415
				25.00000	-3.00000	0.00000	-2.7327	0.75942	3.0925
				26.00000	-3.00000	0.00000	-2.5918	0.60733	2.8089
				27.00000	-3.00000	0.00000	-2.4029	0.48610	2.5135
				28.00000	-3.00000	0.00000	-2.1804	0.38771	2.2240
				29.00000	-3.00000	0.00000	-1.9338	0.30657	1.9534
				30.00000	-3.00000	0.00000	-1.6697	0.23872	1.7101
				-40.00000	-2.00000	0.00000	0.0	0.0	0.0
				-39.00000	-2.00000	0.00000	0.0	0.0	0.0
				-38.00000	-2.00000	0.00000	0.0	0.0	0.0
				-37.00000	-2.00000	0.00000	0.0	0.0	0.0
				-36.00000	-2.00000	0.00000	0.0	0.0	0.0
				-35.00000	-2.00000	0.00000	0.0	0.0	0.0
				-34.00000	-2.00000	0.00000	0.0	0.0	0.0
				-33.00000	-2.00000	0.00000	0.0	0.0	0.0
				-32.00000	-2.00000	0.00000	0.0	0.0	0.0
				-31.00000	-2.00000	0.00000	0.0	0.0	0.0
				-30.00000	-2.00000	0.00000	0.0	0.0	0.0
				-29.00000	-2.00000	0.00000	0.0	0.0	0.0
				-28.00000	-2.00000	0.00000	0.0	0.0	0.051720
				-27.00000	-2.00000	0.00000	0.0	0.0	0.16346
				-26.00000	-2.00000	0.00000	0.0	0.0	0.27327
				-25.00000	-2.00000	0.00000	0.0	0.0	0.38091
				-24.00000	-2.00000	0.00000	0.0	0.0	0.48609
				-23.00000	-2.00000	0.00000	0.0	0.0	0.70742
				-22.00000	-2.00000	0.00000	0.0	0.0	0.93601
				-21.00000	-2.00000	0.00000	0.20663	0.073686	1.1925
				-20.00000	-2.00000	0.00000	0.39704	0.15554	1.4313
				-19.00000	-2.00000	0.00000	0.56825	0.24666	1.6662
				-18.00000	-2.00000	0.00000	0.71738	0.34862	1.9049
				-17.00000	-2.00000	0.00000	1.1381	0.48145	2.1874
				-16.00000	-2.00000	0.00000	1.5608	0.63353	2.4665
				-15.00000	-2.00000	0.00000	1.9446	0.80562	2.7556
				-14.00000	-2.00000	0.00000	2.2832	1.0008	3.0639
				-13.00000	-2.00000	0.00000	2.5983	1.2514	3.4437
				-12.00000	-2.00000	0.00000	2.8992	1.5780	3.9219
				-11.00000	-2.00000	0.00000	3.1528	1.9587	4.4479
				-10.00000	-2.00000	0.00000	3.3526	2.3958	5.0109
				-9.00000	-2.00000	0.00000	3.4923	2.8879	5.5937
				-8.00000	-2.00000	0.00000	3.5670	3.4283	6.1724
				-7.00000	-2.00000	0.00000	3.5723	4.0044	6.7160
				-6.00000	-2.00000	0.00000	3.5018	4.6006	7.1875
				-5.00000	-2.00000	0.00000	3.5196	6.8877	9.1950
				-4.00000	-2.00000	0.00000	3.4546	7.1820	9.3128
				-3.00000	-2.00000	0.00000	3.1332	7.6233	9.2795
				-2.00000	-2.00000	0.00000	2.3475	8.3215	9.0355
				-1.00000	-2.00000	0.00000	1.4525	10.128	9.5644
				0.00000	-2.00000	0.00000	0.0	10.719	8.5577
				1.00000	-2.00000	0.00000	0.0	10.024	7.4829
				2.00000	-2.00000	0.00000	0.0	10.024	7.4829
				3.00000	-2.00000	0.00000	0.0	10.024	7.4829
				4.00000	-2.00000	0.00000	0.0	10.024	7.4829
				5.00000	-2.00000	0.00000	0.0	10.024	7.4829
				6.00000	-2.00000	0.00000	0.0	10.024	7.4829
				7.00000	-2.00000	0.00000	0.0	10.024	7.4829
				8.00000	-2.00000	0.00000	0.0	10.024	7.4829
				9.00000	-2.00000	0.00000	0.0	10.024	7.4829
				10.00000	-2.00000	0.00000	0.0	10.024	7.4829
				11.00000	-2.00000	0.00000	0.0	10.024	7.4829
				12.00000	-2.00000	0.00000	0.0	10.024	7.4829
				13.00000	-2.00000	0.00000	0.0	10.024	7.4829
				14.00000	-2.00000	0.00000	0.0	10.024	7.4829



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Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	-2.00000	0.00000	0.0	10.024	7.4829
				16.00000	-2.00000	0.00000	0.0	10.024	7.4829
				17.00000	-2.00000	0.00000	0.0	10.024	7.4829
				18.00000	-2.00000	0.00000	-0.19117	6.3933	4.9168
				19.00000	-2.00000	0.00000	-1.5922	3.8901	4.2001
				20.00000	-2.00000	0.00000	-2.4765	2.2449	3.7883
				21.00000	-2.00000	0.00000	-3.1909	1.5856	4.0035
				22.00000	-2.00000	0.00000	-3.4731	1.1665	4.0158
				23.00000	-2.00000	0.00000	-3.5160	0.88516	3.8832
				24.00000	-2.00000	0.00000	-3.4215	0.68649	3.6519
				25.00000	-2.00000	0.00000	-3.2444	0.54016	3.3587
				26.00000	-2.00000	0.00000	-3.0161	0.42867	3.0335
				27.00000	-2.00000	0.00000	-2.7549	0.34137	2.7001
				28.00000	-2.00000	0.00000	-2.4722	0.27144	2.3770
				29.00000	-2.00000	0.00000	-2.1753	0.21435	2.0773
				30.00000	-2.00000	0.00000	-1.8686	0.16698	1.8096
				-40.00000	-1.00000	0.00000	0.0	0.0	0.0
				-39.00000	-1.00000	0.00000	0.0	0.0	0.0
				-38.00000	-1.00000	0.00000	0.0	0.0	0.0
				-37.00000	-1.00000	0.00000	0.0	0.0	0.0
				-36.00000	-1.00000	0.00000	0.0	0.0	0.0
				-35.00000	-1.00000	0.00000	0.0	0.0	0.0
				-34.00000	-1.00000	0.00000	0.0	0.0	0.0
				-33.00000	-1.00000	0.00000	0.0	0.0	0.0
				-32.00000	-1.00000	0.00000	0.0	0.0	0.0
				-31.00000	-1.00000	0.00000	0.0	0.0	0.0
				-30.00000	-1.00000	0.00000	0.0	0.0	0.0
				-29.00000	-1.00000	0.00000	0.0	0.0	0.0
				-28.00000	-1.00000	0.00000	0.0	0.0	0.089982
				-27.00000	-1.00000	0.00000	0.0	0.0	0.20487
				-26.00000	-1.00000	0.00000	0.0	0.0	0.31805
				-25.00000	-1.00000	0.00000	0.0	0.0	0.42931
				-24.00000	-1.00000	0.00000	0.0	0.0	0.53837
				-23.00000	-1.00000	0.00000	0.0	0.0	0.77415
				-22.00000	-1.00000	0.00000	0.10230	0.027825	1.0278
				-21.00000	-1.00000	0.00000	0.32664	0.096613	1.2842
				-20.00000	-1.00000	0.00000	0.53523	0.17337	1.5318
				-19.00000	-1.00000	0.00000	0.72576	0.25958	1.7819
				-18.00000	-1.00000	0.00000	0.89518	0.35700	2.0419
				-17.00000	-1.00000	0.00000	1.3831	0.47781	2.3541
				-16.00000	-1.00000	0.00000	1.8478	0.61596	2.6643
				-15.00000	-1.00000	0.00000	2.2756	0.77446	2.9895
				-14.00000	-1.00000	0.00000	2.6594	0.95703	3.3373
				-13.00000	-1.00000	0.00000	2.9903	1.1678	3.7084
				-12.00000	-1.00000	0.00000	3.2985	1.4516	4.1671
				-11.00000	-1.00000	0.00000	3.5965	1.8363	4.7455
				-10.00000	-1.00000	0.00000	3.8394	2.2904	5.3692
				-9.00000	-1.00000	0.00000	4.0210	2.8146	6.0215
				-8.00000	-1.00000	0.00000	4.1381	3.4011	6.6791
				-7.00000	-1.00000	0.00000	4.1929	4.0306	7.3104
				-6.00000	-1.00000	0.00000	4.1922	4.6730	7.8759
				-5.00000	-1.00000	0.00000	4.3705	7.1137	10.150
				-4.00000	-1.00000	0.00000	4.5466	7.2850	10.331
				-3.00000	-1.00000	0.00000	4.5511	7.5633	10.364
				-2.00000	-1.00000	0.00000	4.1538	8.0797	10.168
				-1.00000	-1.00000	0.00000	2.6211	9.2483	9.5726
				0.00000	-1.00000	0.00000	0.0	11.687	8.7739
				1.00000	-1.00000	0.00000	0.0	10.816	7.2019
				2.00000	-1.00000	0.00000	0.0	10.816	7.2019
				3.00000	-1.00000	0.00000	0.0	10.816	7.2019
				4.00000	-1.00000	0.00000	0.0	10.816	7.2019
				5.00000	-1.00000	0.00000	0.0	10.816	7.2019
				6.00000	-1.00000	0.00000	0.0	10.816	7.2019
				7.00000	-1.00000	0.00000	0.0	10.816	7.2019
				8.00000	-1.00000	0.00000	0.0	10.816	7.2019
				9.00000	-1.00000	0.00000	0.0	10.816	7.2019
				10.00000	-1.00000	0.00000	0.0	10.816	7.2019
				11.00000	-1.00000	0.00000	0.0	10.816	7.2019
				12.00000	-1.00000	0.00000	0.0	10.816	7.2019
				13.00000	-1.00000	0.00000	0.0	10.816	7.2019
				14.00000	-1.00000	0.00000	0.0	10.816	7.2019



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	-1.00000	0.00000	0.0	10.816	7.2019
				16.00000	-1.00000	0.00000	0.0	10.816	7.2019
				17.00000	-1.00000	0.00000	0.0	10.816	7.2019
				18.00000	-1.00000	0.00000	-0.41095	6.5524	4.6412
				19.00000	-1.00000	0.00000	-2.9188	2.4164	3.7823
				20.00000	-1.00000	0.00000	-4.2382	1.3691	4.3144
				21.00000	-1.00000	0.00000	-4.5649	0.89399	4.4769
				22.00000	-1.00000	0.00000	-4.5321	0.63300	4.4230
				23.00000	-1.00000	0.00000	-4.3427	0.47037	4.2277
				24.00000	-1.00000	0.00000	-4.0763	0.36024	3.9405
				25.00000	-1.00000	0.00000	-3.7693	0.28120	3.5983
				26.00000	-1.00000	0.00000	-3.4404	0.22199	3.2308
				27.00000	-1.00000	0.00000	-3.0996	0.17618	2.8611
				28.00000	-1.00000	0.00000	-2.7527	0.13980	2.5072
				29.00000	-1.00000	0.00000	-2.4030	0.11029	2.1819
				30.00000	-1.00000	0.00000	-2.0525	0.085917	1.8930
				-40.00000	0.00000	0.00000	0.0	0.0	0.0
				-39.00000	0.00000	0.00000	0.0	0.0	0.0
				-38.00000	0.00000	0.00000	0.0	0.0	0.0
				-37.00000	0.00000	0.00000	0.0	0.0	0.0
				-36.00000	0.00000	0.00000	0.0	0.0	0.0
				-35.00000	0.00000	0.00000	0.0	0.0	0.0
				-34.00000	0.00000	0.00000	0.0	0.0	0.0
				-33.00000	0.00000	0.00000	0.0	0.0	0.0
				-32.00000	0.00000	0.00000	0.0	0.0	0.0
				-31.00000	0.00000	0.00000	0.0	0.0	0.0
				-30.00000	0.00000	0.00000	0.0	0.0	0.0
				-29.00000	0.00000	0.00000	0.0	0.0	0.0052153
				-28.00000	0.00000	0.00000	0.0	0.0	0.12453
				-27.00000	0.00000	0.00000	0.0	0.0	0.24256
				-26.00000	0.00000	0.00000	0.0	0.0	0.35914
				-25.00000	0.00000	0.00000	0.0	0.0	0.47405
				-24.00000	0.00000	0.00000	0.0	0.0	0.58705
				-23.00000	0.00000	0.00000	0.0	0.0	0.83186
				-22.00000	0.00000	0.00000	0.20515	0.045362	1.1040
				-21.00000	0.00000	0.00000	0.44848	0.10754	1.3654
				-20.00000	0.00000	0.00000	0.67778	0.17741	1.6243
				-19.00000	0.00000	0.00000	0.89080	0.25654	1.8920
				-18.00000	0.00000	0.00000	1.0864	0.34681	2.1779
				-17.00000	0.00000	0.00000	1.6261	0.45056	2.5176
				-16.00000	0.00000	0.00000	2.1381	0.57067	2.8612
				-15.00000	0.00000	0.00000	2.6167	0.71069	3.2236
				-14.00000	0.00000	0.00000	3.0539	0.87494	3.6114
				-13.00000	0.00000	0.00000	3.4395	1.0686	4.0236
				-12.00000	0.00000	0.00000	3.7604	1.2978	4.4520
				-11.00000	0.00000	0.00000	4.0575	1.6248	4.9817
				-10.00000	0.00000	0.00000	4.3485	2.0892	5.6559
				-9.00000	0.00000	0.00000	4.5730	2.6460	6.3699
				-8.00000	0.00000	0.00000	4.7276	3.2902	7.1028
				-7.00000	0.00000	0.00000	4.8209	3.9960	7.8251
				-6.00000	0.00000	0.00000	4.8778	4.7119	8.4968
				-5.00000	0.00000	0.00000	5.2343	7.3004	11.039
				-4.00000	0.00000	0.00000	5.7113	7.3004	11.308
				-3.00000	0.00000	0.00000	6.2049	7.3004	11.467
				-2.00000	0.00000	0.00000	6.7163	7.3004	11.474
				-1.00000	0.00000	0.00000	7.2466	7.3004	11.286
				0.00000	0.00000	0.00000	3.8985	8.7898	8.7201
				1.00000	0.00000	0.00000	0.0	11.637	6.5546
				2.00000	0.00000	0.00000	0.0	11.637	6.5546
				3.00000	0.00000	0.00000	0.0	11.637	6.5546
				4.00000	0.00000	0.00000	0.0	11.637	6.5546
				5.00000	0.00000	0.00000	0.0	11.637	6.5546
				6.00000	0.00000	0.00000	0.0	11.637	6.5546
				7.00000	0.00000	0.00000	0.0	11.637	6.5546
				8.00000	0.00000	0.00000	0.0	11.637	6.5546
				9.00000	0.00000	0.00000	0.0	11.637	6.5546
				10.00000	0.00000	0.00000	0.0	11.637	6.5546
				11.00000	0.00000	0.00000	0.0	11.637	6.5546
				12.00000	0.00000	0.00000	0.0	11.637	6.5546
				13.00000	0.00000	0.00000	0.0	11.637	6.5546
				14.00000	0.00000	0.00000	0.0	11.637	6.5546

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	0.00000	0.00000	0.0	11.637	6.5546
				16.00000	0.00000	0.00000	0.0	11.637	6.5546
				17.00000	0.00000	0.00000	0.0	11.637	6.5546
				18.00000	0.00000	0.00000	-7.7299	0.0	4.4583
				19.00000	0.00000	0.00000	-7.1819	0.0	4.8598
				20.00000	0.00000	0.00000	-6.6540	0.0	5.0221
				21.00000	0.00000	0.00000	-6.1448	0.0	4.9941
				22.00000	0.00000	0.00000	-5.6532	0.0	4.8202
				23.00000	0.00000	0.00000	-5.1781	0.0	4.5401
				24.00000	0.00000	0.00000	-4.7182	0.0	4.1887
				25.00000	0.00000	0.00000	-4.2724	0.0	3.7965
				26.00000	0.00000	0.00000	-3.8395	0.0	3.3889
				27.00000	0.00000	0.00000	-3.4183	0.0	2.9872
				28.00000	0.00000	0.00000	-3.0075	0.0	2.6075
				29.00000	0.00000	0.00000	-2.6061	0.0	2.2616
				30.00000	0.00000	0.00000	-2.2128	0.0	1.9564
				-40.00000	1.00000	0.00000	0.0	0.0	0.0
				-39.00000	1.00000	0.00000	0.0	0.0	0.0
				-38.00000	1.00000	0.00000	0.0	0.0	0.0
				-37.00000	1.00000	0.00000	0.0	0.0	0.0
				-36.00000	1.00000	0.00000	0.0	0.0	0.0
				-35.00000	1.00000	0.00000	0.0	0.0	0.0
				-34.00000	1.00000	0.00000	0.0	0.0	0.0
				-33.00000	1.00000	0.00000	0.0	0.0	0.0
				-32.00000	1.00000	0.00000	0.0	0.0	0.0
				-31.00000	1.00000	0.00000	0.0	0.0	0.0
				-30.00000	1.00000	0.00000	0.0	0.0	0.0
				-29.00000	1.00000	0.00000	0.0	0.0	0.032821
				-28.00000	1.00000	0.00000	0.0	0.0	0.15501
				-27.00000	1.00000	0.00000	0.0	0.0	0.27615
				-26.00000	1.00000	0.00000	0.0	0.0	0.39608
				-25.00000	1.00000	0.00000	0.0	0.0	0.51464
				-24.00000	1.00000	0.00000	0.0	0.0	0.63161
				-23.00000	1.00000	0.00000	0.030811	0.0049909	0.95379
				-22.00000	1.00000	0.00000	0.30536	0.053193	1.2985
				-21.00000	1.00000	0.00000	0.56946	0.10726	1.6308
				-20.00000	1.00000	0.00000	0.82176	0.16843	1.9665
				-19.00000	1.00000	0.00000	1.0602	0.23820	2.3164
				-18.00000	1.00000	0.00000	1.2849	0.31850	2.6910
				-17.00000	1.00000	0.00000	2.0376	0.41173	3.1418
				-16.00000	1.00000	0.00000	2.7661	0.52101	3.5943
				-15.00000	1.00000	0.00000	3.4647	0.65029	4.0725
				-14.00000	1.00000	0.00000	4.1253	0.80474	4.5892
				-13.00000	1.00000	0.00000	4.7363	0.99099	5.1468
				-12.00000	1.00000	0.00000	5.2815	1.2175	5.7372
				-11.00000	1.00000	0.00000	5.7395	1.4948	6.3434
				-10.00000	1.00000	0.00000	6.1630	1.9138	7.0818
				-9.00000	1.00000	0.00000	6.5748	2.5362	8.0115
				-8.00000	1.00000	0.00000	6.8887	3.2999	8.9821
				-7.00000	1.00000	0.00000	7.1072	4.1844	9.9593
				-6.00000	1.00000	0.00000	7.2627	5.1193	10.891
				-5.00000	1.00000	0.00000	7.8124	7.9952	13.783
				-4.00000	1.00000	0.00000	8.5243	7.9952	14.185
				-3.00000	1.00000	0.00000	9.2611	7.9952	14.422
				-2.00000	1.00000	0.00000	10.024	7.9952	14.433
				-1.00000	1.00000	0.00000	10.816	7.9952	14.152
				0.00000	1.00000	0.00000	11.637	5.3568	11.211
				1.00000	1.00000	0.00000	Point lies within an excavation.		
				2.00000	1.00000	0.00000	Point lies within an excavation.		
				3.00000	1.00000	0.00000	Point lies within an excavation.		
				4.00000	1.00000	0.00000	Point lies within an excavation.		
				5.00000	1.00000	0.00000	Point lies within an excavation.		
				6.00000	1.00000	0.00000	Point lies within an excavation.		
				7.00000	1.00000	0.00000	Point lies within an excavation.		
				8.00000	1.00000	0.00000	Point lies within an excavation.		
				9.00000	1.00000	0.00000	Point lies within an excavation.		
				10.00000	1.00000	0.00000	Point lies within an excavation.		
				11.00000	1.00000	0.00000	Point lies within an excavation.		
				12.00000	1.00000	0.00000	Point lies within an excavation.		
				13.00000	1.00000	0.00000	Point lies within an excavation.		
				14.00000	1.00000	0.00000	Point lies within an excavation.		



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	1.00000	0.00000	Point lies within an excavation.		
				16.00000	1.00000	0.00000	Point lies within an excavation.		
				17.00000	1.00000	0.00000	Point lies within an excavation.		
				18.00000	1.00000	0.00000	-11.537	0.0	6.6542
				19.00000	1.00000	0.00000	-10.719	0.0	7.2535
				20.00000	1.00000	0.00000	-9.9313	0.0	7.4956
				21.00000	1.00000	0.00000	-9.1713	0.0	7.4539
				22.00000	1.00000	0.00000	-8.4376	0.0	7.1943
				23.00000	1.00000	0.00000	-7.7285	0.0	6.7762
				24.00000	1.00000	0.00000	-7.0421	0.0	6.2518
				25.00000	1.00000	0.00000	-6.3767	0.0	5.6663
				26.00000	1.00000	0.00000	-5.7306	0.0	5.0581
				27.00000	1.00000	0.00000	-5.1019	0.0	4.4585
				28.00000	1.00000	0.00000	-4.4888	0.0	3.8918
				29.00000	1.00000	0.00000	-3.8897	0.0	3.3755
				30.00000	1.00000	0.00000	-3.3027	0.0	2.9200
				-40.00000	2.00000	0.00000	0.0	0.0	0.0
				-39.00000	2.00000	0.00000	0.0	0.0	0.0
				-38.00000	2.00000	0.00000	0.0	0.0	0.0
				-37.00000	2.00000	0.00000	0.0	0.0	0.0
				-36.00000	2.00000	0.00000	0.0	0.0	0.0
				-35.00000	2.00000	0.00000	0.0	0.0	0.0
				-34.00000	2.00000	0.00000	0.0	0.0	0.0
				-33.00000	2.00000	0.00000	0.0	0.0	0.0
				-32.00000	2.00000	0.00000	0.0	0.0	0.0
				-31.00000	2.00000	0.00000	0.0	0.0	0.0
				-30.00000	2.00000	0.00000	0.0	0.0	0.0
				-29.00000	2.00000	0.00000	0.0	0.0	0.056081
				-28.00000	2.00000	0.00000	0.0	0.0	0.18106
				-27.00000	2.00000	0.00000	0.0	0.0	0.30522
				-26.00000	2.00000	0.00000	0.0	0.0	0.42844
				-25.00000	2.00000	0.00000	0.0	0.0	0.55058
				-24.00000	2.00000	0.00000	0.0	0.0	0.67148
				-23.00000	2.00000	0.00000	0.10558	0.012901	1.0081
				-22.00000	2.00000	0.00000	0.39999	0.052421	1.3544
				-21.00000	2.00000	0.00000	0.68629	0.096967	1.6933
				-20.00000	2.00000	0.00000	0.96349	0.14763	2.0406
				-19.00000	2.00000	0.00000	1.2300	0.20581	2.4073
				-18.00000	2.00000	0.00000	1.4864	0.27327	2.8037
				-17.00000	2.00000	0.00000	2.2748	0.35231	3.2809
				-16.00000	2.00000	0.00000	3.0437	0.44599	3.7641
				-15.00000	2.00000	0.00000	3.7877	0.55834	4.2765
				-14.00000	2.00000	0.00000	4.4987	0.69489	4.8298
				-13.00000	2.00000	0.00000	5.1642	0.86321	5.4244
				-12.00000	2.00000	0.00000	5.7656	1.0738	6.0497
				-11.00000	2.00000	0.00000	6.2753	1.3413	6.6844
				-10.00000	2.00000	0.00000	6.6540	1.6854	7.2980
				-9.00000	2.00000	0.00000	6.9655	2.2469	8.0561
				-8.00000	2.00000	0.00000	7.2360	3.1326	9.0543
				-7.00000	2.00000	0.00000	7.3413	4.2492	10.087
				-6.00000	2.00000	0.00000	7.3157	5.5104	11.108
				-5.00000	2.00000	0.00000	7.8124	8.7134	14.148
				-4.00000	2.00000	0.00000	8.5243	8.7134	14.550
				-3.00000	2.00000	0.00000	9.2611	8.7134	14.786
				-2.00000	2.00000	0.00000	10.024	8.7134	14.798
				-1.00000	2.00000	0.00000	10.816	8.7134	14.517
				0.00000	2.00000	0.00000	11.637	5.8380	11.455
				1.00000	2.00000	0.00000	Point lies within an excavation.		
				2.00000	2.00000	0.00000	Point lies within an excavation.		
				3.00000	2.00000	0.00000	Point lies within an excavation.		
				4.00000	2.00000	0.00000	Point lies within an excavation.		
				5.00000	2.00000	0.00000	Point lies within an excavation.		
				6.00000	2.00000	0.00000	Point lies within an excavation.		
				7.00000	2.00000	0.00000	Point lies within an excavation.		
				8.00000	2.00000	0.00000	Point lies within an excavation.		
				9.00000	2.00000	0.00000	Point lies within an excavation.		
				10.00000	2.00000	0.00000	Point lies within an excavation.		
				11.00000	2.00000	0.00000	Point lies within an excavation.		
				12.00000	2.00000	0.00000	Point lies within an excavation.		
				13.00000	2.00000	0.00000	Point lies within an excavation.		
				14.00000	2.00000	0.00000	Point lies within an excavation.		



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	2.00000	0.00000	Point lies within an excavation.		
				16.00000	2.00000	0.00000	Point lies within an excavation.		
				17.00000	2.00000	0.00000	Point lies within an excavation.		
				18.00000	2.00000	0.00000	-11.537	0.0	6.6542
				19.00000	2.00000	0.00000	-10.719	0.0	7.2535
				20.00000	2.00000	0.00000	-9.9313	0.0	7.4956
				21.00000	2.00000	0.00000	-9.1713	0.0	7.4539
				22.00000	2.00000	0.00000	-8.4376	0.0	7.1943
				23.00000	2.00000	0.00000	-7.7285	0.0	6.7762
				24.00000	2.00000	0.00000	-7.0421	0.0	6.2518
				25.00000	2.00000	0.00000	-6.3767	0.0	5.6663
				26.00000	2.00000	0.00000	-5.7306	0.0	5.0581
				27.00000	2.00000	0.00000	-5.1019	0.0	4.4585
				28.00000	2.00000	0.00000	-4.4888	0.0	3.8918
				29.00000	2.00000	0.00000	-3.8897	0.0	3.3755
				30.00000	2.00000	0.00000	-3.3027	0.0	2.9200
				-40.00000	3.00000	0.00000	0.0	0.0	0.0
				-39.00000	3.00000	0.00000	0.0	0.0	0.0
				-38.00000	3.00000	0.00000	0.0	0.0	0.0
				-37.00000	3.00000	0.00000	0.0	0.0	0.0
				-36.00000	3.00000	0.00000	0.0	0.0	0.0
				-35.00000	3.00000	0.00000	0.0	0.0	0.0
				-34.00000	3.00000	0.00000	0.0	0.0	0.0
				-33.00000	3.00000	0.00000	0.0	0.0	0.0
				-32.00000	3.00000	0.00000	0.0	0.0	0.0
				-31.00000	3.00000	0.00000	0.0	0.0	0.0
				-30.00000	3.00000	0.00000	0.0	0.0	0.0
				-29.00000	3.00000	0.00000	0.0	0.0	0.074669
				-28.00000	3.00000	0.00000	0.0	0.0	0.20231
				-27.00000	3.00000	0.00000	0.0	0.0	0.32937
				-26.00000	3.00000	0.00000	0.0	0.0	0.45575
				-25.00000	3.00000	0.00000	0.0	0.0	0.58136
				-24.00000	3.00000	0.00000	0.0	0.0	0.70607
				-23.00000	3.00000	0.00000	0.17082	0.014613	1.0541
				-22.00000	3.00000	0.00000	0.48574	0.044448	1.4034
				-21.00000	3.00000	0.00000	0.79515	0.078204	1.7497
				-20.00000	3.00000	0.00000	1.0986	0.11677	2.1086
				-19.00000	3.00000	0.00000	1.3950	0.16128	2.4915
				-18.00000	3.00000	0.00000	1.6858	0.21322	2.9087
				-17.00000	3.00000	0.00000	2.5139	0.27454	3.4113
				-16.00000	3.00000	0.00000	3.3288	0.34788	3.9245
				-15.00000	3.00000	0.00000	4.1265	0.43689	4.4710
				-14.00000	3.00000	0.00000	4.9002	0.54670	5.0618
				-13.00000	3.00000	0.00000	5.6384	0.68478	5.6962
				-12.00000	3.00000	0.00000	6.3229	0.86222	6.3614
				-11.00000	3.00000	0.00000	6.9236	1.0961	7.0328
				-10.00000	3.00000	0.00000	7.3914	1.4131	7.6735
				-9.00000	3.00000	0.00000	7.6464	1.8550	8.2351
				-8.00000	3.00000	0.00000	7.7504	2.6659	8.9662
				-7.00000	3.00000	0.00000	7.7245	4.0651	10.046
				-6.00000	3.00000	0.00000	7.4079	5.8519	11.189
				-5.00000	3.00000	0.00000	7.8124	9.4569	14.332
				-4.00000	3.00000	0.00000	8.5243	9.4569	14.734
				-3.00000	3.00000	0.00000	9.2611	9.4569	14.970
				-2.00000	3.00000	0.00000	10.024	9.4569	14.982
				-1.00000	3.00000	0.00000	10.816	9.4569	14.701
				0.00000	3.00000	0.00000	11.637	6.3361	11.579
				1.00000	3.00000	0.00000	Point lies within an excavation.		
				2.00000	3.00000	0.00000	Point lies within an excavation.		
				3.00000	3.00000	0.00000	Point lies within an excavation.		
				4.00000	3.00000	0.00000	Point lies within an excavation.		
				5.00000	3.00000	0.00000	Point lies within an excavation.		
				6.00000	3.00000	0.00000	Point lies within an excavation.		
				7.00000	3.00000	0.00000	Point lies within an excavation.		
				8.00000	3.00000	0.00000	Point lies within an excavation.		
				9.00000	3.00000	0.00000	Point lies within an excavation.		
				10.00000	3.00000	0.00000	Point lies within an excavation.		
				11.00000	3.00000	0.00000	Point lies within an excavation.		
				12.00000	3.00000	0.00000	Point lies within an excavation.		
				13.00000	3.00000	0.00000	Point lies within an excavation.		
				14.00000	3.00000	0.00000	Point lies within an excavation.		



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	3.00000	0.00000	Point lies within an excavation.		
				16.00000	3.00000	0.00000	Point lies within an excavation.		
				17.00000	3.00000	0.00000	Point lies within an excavation.		
				18.00000	3.00000	0.00000	-11.537	0.0	6.6542
				19.00000	3.00000	0.00000	-10.719	0.0	7.2535
				20.00000	3.00000	0.00000	-9.9313	0.0	7.4956
				21.00000	3.00000	0.00000	-9.1713	0.0	7.4539
				22.00000	3.00000	0.00000	-8.4376	0.0	7.1943
				23.00000	3.00000	0.00000	-7.7285	0.0	6.7762
				24.00000	3.00000	0.00000	-7.0421	0.0	6.2518
				25.00000	3.00000	0.00000	-6.3767	0.0	5.6663
				26.00000	3.00000	0.00000	-5.7306	0.0	5.0581
				27.00000	3.00000	0.00000	-5.1019	0.0	4.4585
				28.00000	3.00000	0.00000	-4.4888	0.0	3.8918
				29.00000	3.00000	0.00000	-3.8897	0.0	3.3755
				30.00000	3.00000	0.00000	-3.3027	0.0	2.9200
				-40.00000	4.00000	0.00000	0.0	0.0	0.0
				-39.00000	4.00000	0.00000	0.0	0.0	0.0
				-38.00000	4.00000	0.00000	0.0	0.0	0.0
				-37.00000	4.00000	0.00000	0.0	0.0	0.0
				-36.00000	4.00000	0.00000	0.0	0.0	0.0
				-35.00000	4.00000	0.00000	0.0	0.0	0.0
				-34.00000	4.00000	0.00000	0.0	0.0	0.0
				-33.00000	4.00000	0.00000	0.0	0.0	0.0
				-32.00000	4.00000	0.00000	0.0	0.0	0.0
				-31.00000	4.00000	0.00000	0.0	0.0	0.0
				-30.00000	4.00000	0.00000	0.0	0.0	0.0
				-29.00000	4.00000	0.00000	0.0	0.0	0.088269
				-28.00000	4.00000	0.00000	0.0	0.0	0.21841
				-27.00000	4.00000	0.00000	0.0	0.0	0.34820
				-26.00000	4.00000	0.00000	0.0	0.0	0.47757
				-25.00000	4.00000	0.00000	0.0	0.0	0.60647
				-24.00000	4.00000	0.00000	0.0	0.0	0.73481
				-23.00000	4.00000	0.00000	0.22342	0.011594	1.0917
				-22.00000	4.00000	0.00000	0.55899	0.030944	1.4450
				-21.00000	4.00000	0.00000	0.89183	0.052897	1.7984
				-20.00000	4.00000	0.00000	1.2220	0.078058	2.1681
				-19.00000	4.00000	0.00000	1.5494	0.10721	2.5656
				-18.00000	4.00000	0.00000	1.8760	0.14137	3.0014
				-17.00000	4.00000	0.00000	2.7463	0.18193	3.5272
				-16.00000	4.00000	0.00000	3.6113	0.23078	4.0681
				-15.00000	4.00000	0.00000	4.4689	0.29059	4.6469
				-14.00000	4.00000	0.00000	5.3152	0.36525	5.2748
				-13.00000	4.00000	0.00000	6.1424	0.46059	5.9507
				-12.00000	4.00000	0.00000	6.9368	0.58585	6.6611
				-11.00000	4.00000	0.00000	7.6734	0.75630	7.3796
				-10.00000	4.00000	0.00000	8.3058	0.99894	8.0654
				-9.00000	4.00000	0.00000	8.7433	1.3649	8.6608
				-8.00000	4.00000	0.00000	8.7981	1.9574	9.0853
				-7.00000	4.00000	0.00000	8.4324	3.3181	9.7450
				-6.00000	4.00000	0.00000	7.6055	6.0321	11.068
				-5.00000	4.00000	0.00000	7.8124	10.227	14.274
				-4.00000	4.00000	0.00000	8.5243	10.227	14.676
				-3.00000	4.00000	0.00000	9.2611	10.227	14.912
				-2.00000	4.00000	0.00000	10.024	10.227	14.924
				-1.00000	4.00000	0.00000	10.816	10.227	14.643
				0.00000	4.00000	0.00000	11.637	6.8523	11.540
				1.00000	4.00000	0.00000	Point lies within an excavation.		
				2.00000	4.00000	0.00000	Point lies within an excavation.		
				3.00000	4.00000	0.00000	Point lies within an excavation.		
				4.00000	4.00000	0.00000	Point lies within an excavation.		
				5.00000	4.00000	0.00000	Point lies within an excavation.		
				6.00000	4.00000	0.00000	Point lies within an excavation.		
				7.00000	4.00000	0.00000	Point lies within an excavation.		
				8.00000	4.00000	0.00000	Point lies within an excavation.		
				9.00000	4.00000	0.00000	Point lies within an excavation.		
				10.00000	4.00000	0.00000	Point lies within an excavation.		
				11.00000	4.00000	0.00000	Point lies within an excavation.		
				12.00000	4.00000	0.00000	Point lies within an excavation.		
				13.00000	4.00000	0.00000	Point lies within an excavation.		
				14.00000	4.00000	0.00000	Point lies within an excavation.		



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	4.00000	0.00000	Point lies within an excavation.		
				16.00000	4.00000	0.00000	Point lies within an excavation.		
				17.00000	4.00000	0.00000	Point lies within an excavation.		
				18.00000	4.00000	0.00000	-11.537	0.0	6.6542
				19.00000	4.00000	0.00000	-10.719	0.0	7.2535
				20.00000	4.00000	0.00000	-9.9313	0.0	7.4956
				21.00000	4.00000	0.00000	-9.1713	0.0	7.4539
				22.00000	4.00000	0.00000	-8.4376	0.0	7.1943
				23.00000	4.00000	0.00000	-7.7285	0.0	6.7762
				24.00000	4.00000	0.00000	-7.0421	0.0	6.2518
				25.00000	4.00000	0.00000	-6.3767	0.0	5.6663
				26.00000	4.00000	0.00000	-5.7306	0.0	5.0581
				27.00000	4.00000	0.00000	-5.1019	0.0	4.4585
				28.00000	4.00000	0.00000	-4.4888	0.0	3.8918
				29.00000	4.00000	0.00000	-3.8897	0.0	3.3755
				30.00000	4.00000	0.00000	-3.3027	0.0	2.9200
				-40.00000	5.00000	0.00000	0.0	0.0	0.0
				-39.00000	5.00000	0.00000	0.0	0.0	0.0
				-38.00000	5.00000	0.00000	0.0	0.0	0.0
				-37.00000	5.00000	0.00000	0.0	0.0	0.0
				-36.00000	5.00000	0.00000	0.0	0.0	0.0
				-35.00000	5.00000	0.00000	0.0	0.0	0.0
				-34.00000	5.00000	0.00000	0.0	0.0	0.0
				-33.00000	5.00000	0.00000	0.0	0.0	0.0
				-32.00000	5.00000	0.00000	0.0	0.0	0.0
				-31.00000	5.00000	0.00000	0.0	0.0	0.0
				-30.00000	5.00000	0.00000	0.0	0.0	0.0
				-29.00000	5.00000	0.00000	0.0	0.0	0.096580
				-28.00000	5.00000	0.00000	0.0	0.0	0.22903
				-27.00000	5.00000	0.00000	0.0	0.0	0.36133
				-26.00000	5.00000	0.00000	0.0	0.0	0.49346
				-25.00000	5.00000	0.00000	0.0	0.0	0.62540
				-24.00000	5.00000	0.00000	0.0	0.0	0.75711
				-23.00000	5.00000	0.00000	0.26016	0.0054834	1.1207
				-22.00000	5.00000	0.00000	0.61596	0.013810	1.4783
				-21.00000	5.00000	0.00000	0.97183	0.023272	1.8381
				-20.00000	5.00000	0.00000	1.3285	0.034136	2.2168
				-19.00000	5.00000	0.00000	1.6865	0.046748	2.6263
				-18.00000	5.00000	0.00000	2.0491	0.061570	3.0776
				-17.00000	5.00000	0.00000	2.9621	0.079222	3.6228
				-16.00000	5.00000	0.00000	3.8784	0.10057	4.1875
				-15.00000	5.00000	0.00000	4.7988	0.12684	4.7952
				-14.00000	5.00000	0.00000	5.7231	0.15985	5.4577
				-13.00000	5.00000	0.00000	6.6494	0.20243	6.1747
				-12.00000	5.00000	0.00000	7.5726	0.25912	6.9337
				-11.00000	5.00000	0.00000	8.4820	0.33790	7.7095
				-10.00000	5.00000	0.00000	9.3541	0.45392	8.4629
				-9.00000	5.00000	0.00000	10.135	0.63985	9.1375
				-8.00000	5.00000	0.00000	10.681	0.98029	9.6481
				-7.00000	5.00000	0.00000	10.488	1.7659	9.8306
				-6.00000	5.00000	0.00000	8.3054	5.3778	10.554
				-5.00000	5.00000	0.00000	7.8124	11.027	13.905
				-4.00000	5.00000	0.00000	8.5243	11.027	14.307
				-3.00000	5.00000	0.00000	9.2611	11.027	14.544
				-2.00000	5.00000	0.00000	10.024	11.027	14.555
				-1.00000	5.00000	0.00000	10.816	11.027	14.274
				0.00000	5.00000	0.00000	11.637	7.3878	11.293
				1.00000	5.00000	0.00000	Point lies within an excavation.		
				2.00000	5.00000	0.00000	Point lies within an excavation.		
				3.00000	5.00000	0.00000	Point lies within an excavation.		
				4.00000	5.00000	0.00000	Point lies within an excavation.		
				5.00000	5.00000	0.00000	Point lies within an excavation.		
				6.00000	5.00000	0.00000	Point lies within an excavation.		
				7.00000	5.00000	0.00000	Point lies within an excavation.		
				8.00000	5.00000	0.00000	Point lies within an excavation.		
				9.00000	5.00000	0.00000	Point lies within an excavation.		
				10.00000	5.00000	0.00000	Point lies within an excavation.		
				11.00000	5.00000	0.00000	Point lies within an excavation.		
				12.00000	5.00000	0.00000	Point lies within an excavation.		
				13.00000	5.00000	0.00000	Point lies within an excavation.		
				14.00000	5.00000	0.00000	Point lies within an excavation.		



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	5.00000	0.00000	Point lies within an excavation.		
				16.00000	5.00000	0.00000	Point lies within an excavation.		
				17.00000	5.00000	0.00000	Point lies within an excavation.		
				18.00000	5.00000	0.00000	-11.537	0.0	6.6542
				19.00000	5.00000	0.00000	-10.719	0.0	7.2535
				20.00000	5.00000	0.00000	-9.9313	0.0	7.4956
				21.00000	5.00000	0.00000	-9.1713	0.0	7.4539
				22.00000	5.00000	0.00000	-8.4376	0.0	7.1943
				23.00000	5.00000	0.00000	-7.7285	0.0	6.7762
				24.00000	5.00000	0.00000	-7.0421	0.0	6.2518
				25.00000	5.00000	0.00000	-6.3767	0.0	5.6663
				26.00000	5.00000	0.00000	-5.7306	0.0	5.0581
				27.00000	5.00000	0.00000	-5.1019	0.0	4.4585
				28.00000	5.00000	0.00000	-4.4888	0.0	3.8918
				29.00000	5.00000	0.00000	-3.8897	0.0	3.3755
				30.00000	5.00000	0.00000	-3.3027	0.0	2.9200
				-40.00000	6.00000	0.00000	0.0	0.0	0.0
				-39.00000	6.00000	0.00000	0.0	0.0	0.0
				-38.00000	6.00000	0.00000	0.0	0.0	0.0
				-37.00000	6.00000	0.00000	0.0	0.0	0.0
				-36.00000	6.00000	0.00000	0.0	0.0	0.0
				-35.00000	6.00000	0.00000	0.0	0.0	0.0
				-34.00000	6.00000	0.00000	0.0	0.0	0.0
				-33.00000	6.00000	0.00000	0.0	0.0	0.0
				-32.00000	6.00000	0.00000	0.0	0.0	0.0
				-31.00000	6.00000	0.00000	0.0	0.0	0.0
				-30.00000	6.00000	0.00000	0.0	0.0	0.0
				-29.00000	6.00000	0.00000	0.0	0.0	0.14800
				-28.00000	6.00000	0.00000	0.0	0.0	0.34800
				-27.00000	6.00000	0.00000	0.0	0.0	0.54800
				-26.00000	6.00000	0.00000	0.0	0.0	0.74800
				-25.00000	6.00000	0.00000	0.0	0.0	0.94800
				-24.00000	6.00000	0.00000	0.0	0.0	1.1480
				-23.00000	6.00000	0.00000	0.41079	0.0	1.3974
				-22.00000	6.00000	0.00000	0.96330	0.0	1.6374
				-21.00000	6.00000	0.00000	1.5188	0.0	1.8820
				-20.00000	6.00000	0.00000	2.0792	0.0	2.1563
				-19.00000	6.00000	0.00000	2.6461	0.0	2.4790
				-18.00000	6.00000	0.00000	3.2214	0.0	2.8614
				-17.00000	6.00000	0.00000	3.8069	0.0	3.3079
				-16.00000	6.00000	0.00000	4.4042	0.0	3.8162
				-15.00000	6.00000	0.00000	5.0151	0.0	4.3767
				-14.00000	6.00000	0.00000	5.6415	0.0	4.9730
				-13.00000	6.00000	0.00000	6.2852	0.0	5.5818
				-12.00000	6.00000	0.00000	6.9477	0.0	6.1726
				-11.00000	6.00000	0.00000	7.6311	0.0	6.7081
				-10.00000	6.00000	0.00000	8.3369	0.0	7.1441
				-9.00000	6.00000	0.00000	9.0670	0.0	7.4292
				-8.00000	6.00000	0.00000	9.8232	0.0	7.5053
				-7.00000	6.00000	0.00000	10.607	0.0	7.3071
				-6.00000	6.00000	0.00000	11.421	0.0	6.7625
				-5.00000	6.00000	0.00000	Point lies within an excavation.		
				-4.00000	6.00000	0.00000	Point lies within an excavation.		
				-3.00000	6.00000	0.00000	Point lies within an excavation.		
				-2.00000	6.00000	0.00000	Point lies within an excavation.		
				-1.00000	6.00000	0.00000	Point lies within an excavation.		
				0.00000	6.00000	0.00000	Point lies within an excavation.		
				1.00000	6.00000	0.00000	Point lies within an excavation.		
				2.00000	6.00000	0.00000	Point lies within an excavation.		
				3.00000	6.00000	0.00000	Point lies within an excavation.		
				4.00000	6.00000	0.00000	Point lies within an excavation.		
				5.00000	6.00000	0.00000	Point lies within an excavation.		
				6.00000	6.00000	0.00000	Point lies within an excavation.		
				7.00000	6.00000	0.00000	Point lies within an excavation.		
				8.00000	6.00000	0.00000	Point lies within an excavation.		
				9.00000	6.00000	0.00000	Point lies within an excavation.		
				10.00000	6.00000	0.00000	Point lies within an excavation.		
				11.00000	6.00000	0.00000	Point lies within an excavation.		
				12.00000	6.00000	0.00000	Point lies within an excavation.		
				13.00000	6.00000	0.00000	Point lies within an excavation.		
				14.00000	6.00000	0.00000	Point lies within an excavation.		



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	6.00000	0.00000	Point lies within an excavation.		
				16.00000	6.00000	0.00000	Point lies within an excavation.		
				17.00000	6.00000	0.00000	Point lies within an excavation.		
				18.00000	6.00000	0.00000	-11.537	0.0	6.6542
				19.00000	6.00000	0.00000	-10.719	0.0	7.2535
				20.00000	6.00000	0.00000	-9.9313	0.0	7.4956
				21.00000	6.00000	0.00000	-9.1713	0.0	7.4539
				22.00000	6.00000	0.00000	-8.4376	0.0	7.1943
				23.00000	6.00000	0.00000	-7.7285	0.0	6.7762
				24.00000	6.00000	0.00000	-7.0421	0.0	6.2518
				25.00000	6.00000	0.00000	-6.3767	0.0	5.6663
				26.00000	6.00000	0.00000	-5.7306	0.0	5.0581
				27.00000	6.00000	0.00000	-5.1019	0.0	4.4585
				28.00000	6.00000	0.00000	-4.4888	0.0	3.8918
				29.00000	6.00000	0.00000	-3.8897	0.0	3.3755
				30.00000	6.00000	0.00000	-3.3027	0.0	2.9200
				-40.00000	7.00000	0.00000	0.0	0.0	0.0
				-39.00000	7.00000	0.00000	0.0	0.0	0.0
				-38.00000	7.00000	0.00000	0.0	0.0	0.0
				-37.00000	7.00000	0.00000	0.0	0.0	0.0
				-36.00000	7.00000	0.00000	0.0	0.0	0.0
				-35.00000	7.00000	0.00000	0.0	0.0	0.0
				-34.00000	7.00000	0.00000	0.0	0.0	0.0
				-33.00000	7.00000	0.00000	0.0	0.0	0.0
				-32.00000	7.00000	0.00000	0.0	0.0	0.0
				-31.00000	7.00000	0.00000	0.0	0.0	0.0
				-30.00000	7.00000	0.00000	0.0	0.0	0.0
				-29.00000	7.00000	0.00000	0.0	0.0	0.14800
				-28.00000	7.00000	0.00000	0.0	0.0	0.34800
				-27.00000	7.00000	0.00000	0.0	0.0	0.54800
				-26.00000	7.00000	0.00000	0.0	0.0	0.74800
				-25.00000	7.00000	0.00000	0.0	0.0	0.94800
				-24.00000	7.00000	0.00000	0.0	0.0	1.1480
				-23.00000	7.00000	0.00000	0.41079	0.0	1.3974
				-22.00000	7.00000	0.00000	0.96330	0.0	1.6374
				-21.00000	7.00000	0.00000	1.5188	0.0	1.8820
				-20.00000	7.00000	0.00000	2.0792	0.0	2.1563
				-19.00000	7.00000	0.00000	2.6461	0.0	2.4790
				-18.00000	7.00000	0.00000	3.2214	0.0	2.8614
				-17.00000	7.00000	0.00000	3.8069	0.0	3.3079
				-16.00000	7.00000	0.00000	4.4042	0.0	3.8162
				-15.00000	7.00000	0.00000	5.0151	0.0	4.3767
				-14.00000	7.00000	0.00000	5.6415	0.0	4.9730
				-13.00000	7.00000	0.00000	6.2852	0.0	5.5818
				-12.00000	7.00000	0.00000	6.9477	0.0	6.1726
				-11.00000	7.00000	0.00000	7.6311	0.0	6.7081
				-10.00000	7.00000	0.00000	8.3369	0.0	7.1441
				-9.00000	7.00000	0.00000	9.0670	0.0	7.4292
				-8.00000	7.00000	0.00000	9.8232	0.0	7.5053
				-7.00000	7.00000	0.00000	10.607	0.0	7.3071
				-6.00000	7.00000	0.00000	11.421	0.0	6.7625
				-5.00000	7.00000	0.00000	Point lies within an excavation.		
				-4.00000	7.00000	0.00000	Point lies within an excavation.		
				-3.00000	7.00000	0.00000	Point lies within an excavation.		
				-2.00000	7.00000	0.00000	Point lies within an excavation.		
				-1.00000	7.00000	0.00000	Point lies within an excavation.		
				0.00000	7.00000	0.00000	Point lies within an excavation.		
				1.00000	7.00000	0.00000	Point lies within an excavation.		
				2.00000	7.00000	0.00000	Point lies within an excavation.		
				3.00000	7.00000	0.00000	Point lies within an excavation.		
				4.00000	7.00000	0.00000	Point lies within an excavation.		
				5.00000	7.00000	0.00000	Point lies within an excavation.		
				6.00000	7.00000	0.00000	Point lies within an excavation.		
				7.00000	7.00000	0.00000	Point lies within an excavation.		
				8.00000	7.00000	0.00000	Point lies within an excavation.		
				9.00000	7.00000	0.00000	Point lies within an excavation.		
				10.00000	7.00000	0.00000	Point lies within an excavation.		
				11.00000	7.00000	0.00000	Point lies within an excavation.		
				12.00000	7.00000	0.00000	Point lies within an excavation.		
				13.00000	7.00000	0.00000	Point lies within an excavation.		
				14.00000	7.00000	0.00000	Point lies within an excavation.		



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	7.00000	0.00000	Point lies within an excavation.		
				16.00000	7.00000	0.00000	Point lies within an excavation.		
				17.00000	7.00000	0.00000	Point lies within an excavation.		
				18.00000	7.00000	0.00000	-11.537	0.0	6.6542
				19.00000	7.00000	0.00000	-10.719	0.0	7.2535
				20.00000	7.00000	0.00000	-9.9313	0.0	7.4956
				21.00000	7.00000	0.00000	-9.1713	0.0	7.4539
				22.00000	7.00000	0.00000	-8.4376	0.0	7.1943
				23.00000	7.00000	0.00000	-7.7285	0.0	6.7762
				24.00000	7.00000	0.00000	-7.0421	0.0	6.2518
				25.00000	7.00000	0.00000	-6.3767	0.0	5.6663
				26.00000	7.00000	0.00000	-5.7306	0.0	5.0581
				27.00000	7.00000	0.00000	-5.1019	0.0	4.4585
				28.00000	7.00000	0.00000	-4.4888	0.0	3.8918
				29.00000	7.00000	0.00000	-3.8897	0.0	3.3755
				30.00000	7.00000	0.00000	-3.3027	0.0	2.9200
				-40.00000	8.00000	0.00000	0.0	0.0	0.0
				-39.00000	8.00000	0.00000	0.0	0.0	0.0
				-38.00000	8.00000	0.00000	0.0	0.0	0.0
				-37.00000	8.00000	0.00000	0.0	0.0	0.0
				-36.00000	8.00000	0.00000	0.0	0.0	0.0
				-35.00000	8.00000	0.00000	0.0	0.0	0.0
				-34.00000	8.00000	0.00000	0.0	0.0	0.0
				-33.00000	8.00000	0.00000	0.0	0.0	0.0
				-32.00000	8.00000	0.00000	0.0	0.0	0.0
				-31.00000	8.00000	0.00000	0.0	0.0	0.0
				-30.00000	8.00000	0.00000	0.0	0.0	0.0
				-29.00000	8.00000	0.00000	0.0	0.0	0.14800
				-28.00000	8.00000	0.00000	0.0	0.0	0.34800
				-27.00000	8.00000	0.00000	0.0	0.0	0.54800
				-26.00000	8.00000	0.00000	0.0	0.0	0.74800
				-25.00000	8.00000	0.00000	0.0	0.0	0.94800
				-24.00000	8.00000	0.00000	0.0	0.0	1.1480
				-23.00000	8.00000	0.00000	0.41079	0.0	1.3974
				-22.00000	8.00000	0.00000	0.96330	0.0	1.6374
				-21.00000	8.00000	0.00000	1.5188	0.0	1.8820
				-20.00000	8.00000	0.00000	2.0792	0.0	2.1563
				-19.00000	8.00000	0.00000	2.6461	0.0	2.4790
				-18.00000	8.00000	0.00000	3.2214	0.0	2.8614
				-17.00000	8.00000	0.00000	3.8069	0.0	3.3079
				-16.00000	8.00000	0.00000	4.4042	0.0	3.8162
				-15.00000	8.00000	0.00000	5.0151	0.0	4.3767
				-14.00000	8.00000	0.00000	5.6415	0.0	4.9730
				-13.00000	8.00000	0.00000	6.2852	0.0	5.5818
				-12.00000	8.00000	0.00000	6.9477	0.0	6.1726
				-11.00000	8.00000	0.00000	7.6311	0.0	6.7081
				-10.00000	8.00000	0.00000	8.3369	0.0	7.1441
				-9.00000	8.00000	0.00000	9.0670	0.0	7.4292
				-8.00000	8.00000	0.00000	9.8232	0.0	7.5053
				-7.00000	8.00000	0.00000	10.607	0.0	7.3071
				-6.00000	8.00000	0.00000	11.421	0.0	6.7625
				-5.00000	8.00000	0.00000	Point lies within an excavation.		
				-4.00000	8.00000	0.00000	Point lies within an excavation.		
				-3.00000	8.00000	0.00000	Point lies within an excavation.		
				-2.00000	8.00000	0.00000	Point lies within an excavation.		
				-1.00000	8.00000	0.00000	Point lies within an excavation.		
				0.00000	8.00000	0.00000	Point lies within an excavation.		
				1.00000	8.00000	0.00000	Point lies within an excavation.		
				2.00000	8.00000	0.00000	Point lies within an excavation.		
				3.00000	8.00000	0.00000	Point lies within an excavation.		
				4.00000	8.00000	0.00000	Point lies within an excavation.		
				5.00000	8.00000	0.00000	Point lies within an excavation.		
				6.00000	8.00000	0.00000	Point lies within an excavation.		
				7.00000	8.00000	0.00000	Point lies within an excavation.		
				8.00000	8.00000	0.00000	Point lies within an excavation.		
				9.00000	8.00000	0.00000	Point lies within an excavation.		
				10.00000	8.00000	0.00000	Point lies within an excavation.		
				11.00000	8.00000	0.00000	Point lies within an excavation.		
				12.00000	8.00000	0.00000	Point lies within an excavation.		
				13.00000	8.00000	0.00000	Point lies within an excavation.		
				14.00000	8.00000	0.00000	Point lies within an excavation.		



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	8.00000	0.00000	Point lies within an excavation.		
				16.00000	8.00000	0.00000	Point lies within an excavation.		
				17.00000	8.00000	0.00000	Point lies within an excavation.		
				18.00000	8.00000	0.00000	-11.537	0.0	6.6542
				19.00000	8.00000	0.00000	-10.719	0.0	7.2535
				20.00000	8.00000	0.00000	-9.9313	0.0	7.4956
				21.00000	8.00000	0.00000	-9.1713	0.0	7.4539
				22.00000	8.00000	0.00000	-8.4376	0.0	7.1943
				23.00000	8.00000	0.00000	-7.7285	0.0	6.7762
				24.00000	8.00000	0.00000	-7.0421	0.0	6.2518
				25.00000	8.00000	0.00000	-6.3767	0.0	5.6663
				26.00000	8.00000	0.00000	-5.7306	0.0	5.0581
				27.00000	8.00000	0.00000	-5.1019	0.0	4.4585
				28.00000	8.00000	0.00000	-4.4888	0.0	3.8918
				29.00000	8.00000	0.00000	-3.8897	0.0	3.3755
				30.00000	8.00000	0.00000	-3.3027	0.0	2.9200
				-40.00000	9.00000	0.00000	0.0	0.0	0.0
				-39.00000	9.00000	0.00000	0.0	0.0	0.0
				-38.00000	9.00000	0.00000	0.0	0.0	0.0
				-37.00000	9.00000	0.00000	0.0	0.0	0.0
				-36.00000	9.00000	0.00000	0.0	0.0	0.0
				-35.00000	9.00000	0.00000	0.0	0.0	0.0
				-34.00000	9.00000	0.00000	0.0	0.0	0.0
				-33.00000	9.00000	0.00000	0.0	0.0	0.0
				-32.00000	9.00000	0.00000	0.0	0.0	0.0
				-31.00000	9.00000	0.00000	0.0	0.0	0.0
				-30.00000	9.00000	0.00000	0.0	0.0	0.0
				-29.00000	9.00000	0.00000	0.0	0.0	0.14800
				-28.00000	9.00000	0.00000	0.0	0.0	0.34800
				-27.00000	9.00000	0.00000	0.0	0.0	0.54800
				-26.00000	9.00000	0.00000	0.0	0.0	0.74800
				-25.00000	9.00000	0.00000	0.0	0.0	0.94800
				-24.00000	9.00000	0.00000	0.0	0.0	1.1480
				-23.00000	9.00000	0.00000	0.41079	0.0	1.3974
				-22.00000	9.00000	0.00000	0.96330	0.0	1.6374
				-21.00000	9.00000	0.00000	1.5188	0.0	1.8820
				-20.00000	9.00000	0.00000	2.0792	0.0	2.1563
				-19.00000	9.00000	0.00000	2.6461	0.0	2.4790
				-18.00000	9.00000	0.00000	3.2214	0.0	2.8614
				-17.00000	9.00000	0.00000	3.8069	0.0	3.3079
				-16.00000	9.00000	0.00000	4.4042	0.0	3.8162
				-15.00000	9.00000	0.00000	5.0151	0.0	4.3767
				-14.00000	9.00000	0.00000	5.6415	0.0	4.9730
				-13.00000	9.00000	0.00000	6.2852	0.0	5.5818
				-12.00000	9.00000	0.00000	6.9477	0.0	6.1726
				-11.00000	9.00000	0.00000	7.6311	0.0	6.7081
				-10.00000	9.00000	0.00000	8.3369	0.0	7.1441
				-9.00000	9.00000	0.00000	9.0670	0.0	7.4292
				-8.00000	9.00000	0.00000	9.8232	0.0	7.5053
				-7.00000	9.00000	0.00000	10.607	0.0	7.3071
				-6.00000	9.00000	0.00000	11.421	0.0	6.7625
				-5.00000	9.00000	0.00000	Point lies within an excavation.		
				-4.00000	9.00000	0.00000	Point lies within an excavation.		
				-3.00000	9.00000	0.00000	Point lies within an excavation.		
				-2.00000	9.00000	0.00000	Point lies within an excavation.		
				-1.00000	9.00000	0.00000	Point lies within an excavation.		
				0.00000	9.00000	0.00000	Point lies within an excavation.		
				1.00000	9.00000	0.00000	Point lies within an excavation.		
				2.00000	9.00000	0.00000	Point lies within an excavation.		
				3.00000	9.00000	0.00000	Point lies within an excavation.		
				4.00000	9.00000	0.00000	Point lies within an excavation.		
				5.00000	9.00000	0.00000	Point lies within an excavation.		
				6.00000	9.00000	0.00000	Point lies within an excavation.		
				7.00000	9.00000	0.00000	Point lies within an excavation.		
				8.00000	9.00000	0.00000	Point lies within an excavation.		
				9.00000	9.00000	0.00000	Point lies within an excavation.		
				10.00000	9.00000	0.00000	Point lies within an excavation.		
				11.00000	9.00000	0.00000	Point lies within an excavation.		
				12.00000	9.00000	0.00000	Point lies within an excavation.		
				13.00000	9.00000	0.00000	Point lies within an excavation.		
				14.00000	9.00000	0.00000	Point lies within an excavation.		



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	9.00000	0.00000	Point lies within an excavation.		
				16.00000	9.00000	0.00000	Point lies within an excavation.		
				17.00000	9.00000	0.00000	Point lies within an excavation.		
				18.00000	9.00000	0.00000	-11.537	0.0	6.6542
				19.00000	9.00000	0.00000	-10.719	0.0	7.2535
				20.00000	9.00000	0.00000	-9.9313	0.0	7.4956
				21.00000	9.00000	0.00000	-9.1713	0.0	7.4539
				22.00000	9.00000	0.00000	-8.4376	0.0	7.1943
				23.00000	9.00000	0.00000	-7.7285	0.0	6.7762
				24.00000	9.00000	0.00000	-7.0421	0.0	6.2518
				25.00000	9.00000	0.00000	-6.3767	0.0	5.6663
				26.00000	9.00000	0.00000	-5.7306	0.0	5.0581
				27.00000	9.00000	0.00000	-5.1019	0.0	4.4585
				28.00000	9.00000	0.00000	-4.4888	0.0	3.8918
				29.00000	9.00000	0.00000	-3.8897	0.0	3.3755
				30.00000	9.00000	0.00000	-3.3027	0.0	2.9200
				-40.00000	10.00000	0.00000	0.0	0.0	0.0
				-39.00000	10.00000	0.00000	0.0	0.0	0.0
				-38.00000	10.00000	0.00000	0.0	0.0	0.0
				-37.00000	10.00000	0.00000	0.0	0.0	0.0
				-36.00000	10.00000	0.00000	0.0	0.0	0.0
				-35.00000	10.00000	0.00000	0.0	0.0	0.0
				-34.00000	10.00000	0.00000	0.0	0.0	0.0
				-33.00000	10.00000	0.00000	0.0	0.0	0.0
				-32.00000	10.00000	0.00000	0.0	0.0	0.0
				-31.00000	10.00000	0.00000	0.0	0.0	0.0
				-30.00000	10.00000	0.00000	0.0	0.0	0.0
				-29.00000	10.00000	0.00000	0.0	0.0	0.14800
				-28.00000	10.00000	0.00000	0.0	0.0	0.34800
				-27.00000	10.00000	0.00000	0.0	0.0	0.54800
				-26.00000	10.00000	0.00000	0.0	0.0	0.74800
				-25.00000	10.00000	0.00000	0.0	0.0	0.94800
				-24.00000	10.00000	0.00000	0.0	0.0	1.1480
				-23.00000	10.00000	0.00000	0.41079	0.0	1.3974
				-22.00000	10.00000	0.00000	0.96330	0.0	1.6374
				-21.00000	10.00000	0.00000	1.5188	0.0	1.8820
				-20.00000	10.00000	0.00000	2.0792	0.0	2.1563
				-19.00000	10.00000	0.00000	2.6461	0.0	2.4790
				-18.00000	10.00000	0.00000	3.2214	0.0	2.8614
				-17.00000	10.00000	0.00000	3.8069	0.0	3.3079
				-16.00000	10.00000	0.00000	4.4042	0.0	3.8162
				-15.00000	10.00000	0.00000	5.0151	0.0	4.3767
				-14.00000	10.00000	0.00000	5.6415	0.0	4.9730
				-13.00000	10.00000	0.00000	6.2852	0.0	5.5818
				-12.00000	10.00000	0.00000	6.9477	0.0	6.1726
				-11.00000	10.00000	0.00000	7.6311	0.0	6.7081
				-10.00000	10.00000	0.00000	8.3369	0.0	7.1441
				-9.00000	10.00000	0.00000	9.0670	0.0	7.4292
				-8.00000	10.00000	0.00000	9.8232	0.0	7.5053
				-7.00000	10.00000	0.00000	10.607	0.0	7.3071
				-6.00000	10.00000	0.00000	11.421	0.0	6.7625
				-5.00000	10.00000	0.00000	Point lies within an excavation.		
				-4.00000	10.00000	0.00000	Point lies within an excavation.		
				-3.00000	10.00000	0.00000	Point lies within an excavation.		
				-2.00000	10.00000	0.00000	Point lies within an excavation.		
				-1.00000	10.00000	0.00000	Point lies within an excavation.		
				0.00000	10.00000	0.00000	Point lies within an excavation.		
				1.00000	10.00000	0.00000	Point lies within an excavation.		
				2.00000	10.00000	0.00000	Point lies within an excavation.		
				3.00000	10.00000	0.00000	Point lies within an excavation.		
				4.00000	10.00000	0.00000	Point lies within an excavation.		
				5.00000	10.00000	0.00000	Point lies within an excavation.		
				6.00000	10.00000	0.00000	Point lies within an excavation.		
				7.00000	10.00000	0.00000	Point lies within an excavation.		
				8.00000	10.00000	0.00000	Point lies within an excavation.		
				9.00000	10.00000	0.00000	Point lies within an excavation.		
				10.00000	10.00000	0.00000	Point lies within an excavation.		
				11.00000	10.00000	0.00000	Point lies within an excavation.		
				12.00000	10.00000	0.00000	Point lies within an excavation.		
				13.00000	10.00000	0.00000	Point lies within an excavation.		
				14.00000	10.00000	0.00000	Point lies within an excavation.		



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	10.00000	0.00000	Point lies within an excavation.		
				16.00000	10.00000	0.00000	Point lies within an excavation.		
				17.00000	10.00000	0.00000	Point lies within an excavation.		
				18.00000	10.00000	0.00000	-11.537	0.0	6.6542
				19.00000	10.00000	0.00000	-10.719	0.0	7.2535
				20.00000	10.00000	0.00000	-9.9313	0.0	7.4956
				21.00000	10.00000	0.00000	-9.1713	0.0	7.4539
				22.00000	10.00000	0.00000	-8.4376	0.0	7.1943
				23.00000	10.00000	0.00000	-7.7285	0.0	6.7762
				24.00000	10.00000	0.00000	-7.0421	0.0	6.2518
				25.00000	10.00000	0.00000	-6.3767	0.0	5.6663
				26.00000	10.00000	0.00000	-5.7306	0.0	5.0581
				27.00000	10.00000	0.00000	-5.1019	0.0	4.4585
				28.00000	10.00000	0.00000	-4.4888	0.0	3.8918
				29.00000	10.00000	0.00000	-3.8897	0.0	3.3755
				30.00000	10.00000	0.00000	-3.3027	0.0	2.9200
				-40.00000	11.00000	0.00000	0.0	0.0	0.0
				-39.00000	11.00000	0.00000	0.0	0.0	0.0
				-38.00000	11.00000	0.00000	0.0	0.0	0.0
				-37.00000	11.00000	0.00000	0.0	0.0	0.0
				-36.00000	11.00000	0.00000	0.0	0.0	0.0
				-35.00000	11.00000	0.00000	0.0	0.0	0.0
				-34.00000	11.00000	0.00000	0.0	0.0	0.0
				-33.00000	11.00000	0.00000	0.0	0.0	0.0
				-32.00000	11.00000	0.00000	0.0	0.0	0.0
				-31.00000	11.00000	0.00000	0.0	0.0	0.0
				-30.00000	11.00000	0.00000	0.0	0.0	0.0
				-29.00000	11.00000	0.00000	0.0	0.0	0.14800
				-28.00000	11.00000	0.00000	0.0	0.0	0.34800
				-27.00000	11.00000	0.00000	0.0	0.0	0.54800
				-26.00000	11.00000	0.00000	0.0	0.0	0.74800
				-25.00000	11.00000	0.00000	0.0	0.0	0.94800
				-24.00000	11.00000	0.00000	0.0	0.0	1.1480
				-23.00000	11.00000	0.00000	0.41079	0.0	1.3974
				-22.00000	11.00000	0.00000	0.96330	0.0	1.6374
				-21.00000	11.00000	0.00000	1.5188	0.0	1.8820
				-20.00000	11.00000	0.00000	2.0792	0.0	2.1563
				-19.00000	11.00000	0.00000	2.6461	0.0	2.4790
				-18.00000	11.00000	0.00000	3.2214	0.0	2.8614
				-17.00000	11.00000	0.00000	3.8069	0.0	3.3079
				-16.00000	11.00000	0.00000	4.4042	0.0	3.8162
				-15.00000	11.00000	0.00000	5.0151	0.0	4.3767
				-14.00000	11.00000	0.00000	5.6415	0.0	4.9730
				-13.00000	11.00000	0.00000	6.2852	0.0	5.5818
				-12.00000	11.00000	0.00000	6.9477	0.0	6.1726
				-11.00000	11.00000	0.00000	7.6311	0.0	6.7081
				-10.00000	11.00000	0.00000	8.3369	0.0	7.1441
				-9.00000	11.00000	0.00000	9.0670	0.0	7.4292
				-8.00000	11.00000	0.00000	9.8232	0.0	7.5053
				-7.00000	11.00000	0.00000	10.607	0.0	7.3071
				-6.00000	11.00000	0.00000	11.421	0.0	6.7625
				-5.00000	11.00000	0.00000	Point lies within an excavation.		
				-4.00000	11.00000	0.00000	Point lies within an excavation.		
				-3.00000	11.00000	0.00000	Point lies within an excavation.		
				-2.00000	11.00000	0.00000	Point lies within an excavation.		
				-1.00000	11.00000	0.00000	Point lies within an excavation.		
				0.00000	11.00000	0.00000	Point lies within an excavation.		
				1.00000	11.00000	0.00000	Point lies within an excavation.		
				2.00000	11.00000	0.00000	Point lies within an excavation.		
				3.00000	11.00000	0.00000	Point lies within an excavation.		
				4.00000	11.00000	0.00000	Point lies within an excavation.		
				5.00000	11.00000	0.00000	Point lies within an excavation.		
				6.00000	11.00000	0.00000	Point lies within an excavation.		
				7.00000	11.00000	0.00000	Point lies within an excavation.		
				8.00000	11.00000	0.00000	Point lies within an excavation.		
				9.00000	11.00000	0.00000	Point lies within an excavation.		
				10.00000	11.00000	0.00000	Point lies within an excavation.		
				11.00000	11.00000	0.00000	Point lies within an excavation.		
				12.00000	11.00000	0.00000	Point lies within an excavation.		
				13.00000	11.00000	0.00000	Point lies within an excavation.		
				14.00000	11.00000	0.00000	Point lies within an excavation.		



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	11.00000	0.00000	Point lies within an excavation.		
				16.00000	11.00000	0.00000	Point lies within an excavation.		
				17.00000	11.00000	0.00000	Point lies within an excavation.		
				18.00000	11.00000	0.00000	-11.537	0.0	6.6542
				19.00000	11.00000	0.00000	-10.719	0.0	7.2535
				20.00000	11.00000	0.00000	-9.9313	0.0	7.4956
				21.00000	11.00000	0.00000	-9.1713	0.0	7.4539
				22.00000	11.00000	0.00000	-8.4376	0.0	7.1943
				23.00000	11.00000	0.00000	-7.7285	0.0	6.7762
				24.00000	11.00000	0.00000	-7.0421	0.0	6.2518
				25.00000	11.00000	0.00000	-6.3767	0.0	5.6663
				26.00000	11.00000	0.00000	-5.7306	0.0	5.0581
				27.00000	11.00000	0.00000	-5.1019	0.0	4.4585
				28.00000	11.00000	0.00000	-4.4888	0.0	3.8918
				29.00000	11.00000	0.00000	-3.8897	0.0	3.3755
				30.00000	11.00000	0.00000	-3.3027	0.0	2.9200
				-40.00000	12.00000	0.00000	0.0	0.0	0.0
				-39.00000	12.00000	0.00000	0.0	0.0	0.0
				-38.00000	12.00000	0.00000	0.0	0.0	0.0
				-37.00000	12.00000	0.00000	0.0	0.0	0.0
				-36.00000	12.00000	0.00000	0.0	0.0	0.0
				-35.00000	12.00000	0.00000	0.0	0.0	0.0
				-34.00000	12.00000	0.00000	0.0	0.0	0.0
				-33.00000	12.00000	0.00000	0.0	0.0	0.0
				-32.00000	12.00000	0.00000	0.0	0.0	0.0
				-31.00000	12.00000	0.00000	0.0	0.0	0.0
				-30.00000	12.00000	0.00000	0.0	0.0	0.0
				-29.00000	12.00000	0.00000	0.0	0.0	0.14800
				-28.00000	12.00000	0.00000	0.0	0.0	0.34800
				-27.00000	12.00000	0.00000	0.0	0.0	0.54800
				-26.00000	12.00000	0.00000	0.0	0.0	0.74800
				-25.00000	12.00000	0.00000	0.0	0.0	0.94800
				-24.00000	12.00000	0.00000	0.0	0.0	1.1480
				-23.00000	12.00000	0.00000	0.41079	0.0	1.3974
				-22.00000	12.00000	0.00000	0.96330	0.0	1.6374
				-21.00000	12.00000	0.00000	1.5188	0.0	1.8820
				-20.00000	12.00000	0.00000	2.0792	0.0	2.1563
				-19.00000	12.00000	0.00000	2.6461	0.0	2.4790
				-18.00000	12.00000	0.00000	3.2214	0.0	2.8614
				-17.00000	12.00000	0.00000	3.8069	0.0	3.3079
				-16.00000	12.00000	0.00000	4.4042	0.0	3.8162
				-15.00000	12.00000	0.00000	5.0151	0.0	4.3767
				-14.00000	12.00000	0.00000	5.6415	0.0	4.9730
				-13.00000	12.00000	0.00000	6.2852	0.0	5.5818
				-12.00000	12.00000	0.00000	6.9477	0.0	6.1726
				-11.00000	12.00000	0.00000	7.6311	0.0	6.7081
				-10.00000	12.00000	0.00000	8.3369	0.0	7.1441
				-9.00000	12.00000	0.00000	9.0670	0.0	7.4292
				-8.00000	12.00000	0.00000	9.8232	0.0	7.5053
				-7.00000	12.00000	0.00000	10.607	0.0	7.3071
				-6.00000	12.00000	0.00000	11.421	0.0	6.7625
				-5.00000	12.00000	0.00000	Point lies within an excavation.		
				-4.00000	12.00000	0.00000	Point lies within an excavation.		
				-3.00000	12.00000	0.00000	Point lies within an excavation.		
				-2.00000	12.00000	0.00000	Point lies within an excavation.		
				-1.00000	12.00000	0.00000	Point lies within an excavation.		
				0.00000	12.00000	0.00000	Point lies within an excavation.		
				1.00000	12.00000	0.00000	Point lies within an excavation.		
				2.00000	12.00000	0.00000	Point lies within an excavation.		
				3.00000	12.00000	0.00000	Point lies within an excavation.		
				4.00000	12.00000	0.00000	Point lies within an excavation.		
				5.00000	12.00000	0.00000	Point lies within an excavation.		
				6.00000	12.00000	0.00000	Point lies within an excavation.		
				7.00000	12.00000	0.00000	Point lies within an excavation.		
				8.00000	12.00000	0.00000	Point lies within an excavation.		
				9.00000	12.00000	0.00000	Point lies within an excavation.		
				10.00000	12.00000	0.00000	Point lies within an excavation.		
				11.00000	12.00000	0.00000	Point lies within an excavation.		
				12.00000	12.00000	0.00000	Point lies within an excavation.		
				13.00000	12.00000	0.00000	Point lies within an excavation.		
				14.00000	12.00000	0.00000	Point lies within an excavation.		



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	12.00000	0.00000	Point lies within an excavation.		
				16.00000	12.00000	0.00000	Point lies within an excavation.		
				17.00000	12.00000	0.00000	Point lies within an excavation.		
				18.00000	12.00000	0.00000	-11.537	0.0	6.6542
				19.00000	12.00000	0.00000	-10.719	0.0	7.2535
				20.00000	12.00000	0.00000	-9.9313	0.0	7.4956
				21.00000	12.00000	0.00000	-9.1713	0.0	7.4539
				22.00000	12.00000	0.00000	-8.4376	0.0	7.1943
				23.00000	12.00000	0.00000	-7.7285	0.0	6.7762
				24.00000	12.00000	0.00000	-7.0421	0.0	6.2518
				25.00000	12.00000	0.00000	-6.3767	0.0	5.6663
				26.00000	12.00000	0.00000	-5.7306	0.0	5.0581
				27.00000	12.00000	0.00000	-5.1019	0.0	4.4585
				28.00000	12.00000	0.00000	-4.4888	0.0	3.8918
				29.00000	12.00000	0.00000	-3.8897	0.0	3.3755
				30.00000	12.00000	0.00000	-3.3027	0.0	2.9200
				-40.00000	13.00000	0.00000	0.0	0.0	0.0
				-39.00000	13.00000	0.00000	0.0	0.0	0.0
				-38.00000	13.00000	0.00000	0.0	0.0	0.0
				-37.00000	13.00000	0.00000	0.0	0.0	0.0
				-36.00000	13.00000	0.00000	0.0	0.0	0.0
				-35.00000	13.00000	0.00000	0.0	0.0	0.0
				-34.00000	13.00000	0.00000	0.0	0.0	0.0
				-33.00000	13.00000	0.00000	0.0	0.0	0.0
				-32.00000	13.00000	0.00000	0.0	0.0	0.0
				-31.00000	13.00000	0.00000	0.0	0.0	0.0
				-30.00000	13.00000	0.00000	0.0	0.0	0.0
				-29.00000	13.00000	0.00000	0.0	0.0	0.14800
				-28.00000	13.00000	0.00000	0.0	0.0	0.34800
				-27.00000	13.00000	0.00000	0.0	0.0	0.54800
				-26.00000	13.00000	0.00000	0.0	0.0	0.74800
				-25.00000	13.00000	0.00000	0.0	0.0	0.94800
				-24.00000	13.00000	0.00000	0.0	0.0	1.1480
				-23.00000	13.00000	0.00000	0.41079	0.0	1.3974
				-22.00000	13.00000	0.00000	0.96330	0.0	1.6374
				-21.00000	13.00000	0.00000	1.5188	0.0	1.8820
				-20.00000	13.00000	0.00000	2.0792	0.0	2.1563
				-19.00000	13.00000	0.00000	2.6461	0.0	2.4790
				-18.00000	13.00000	0.00000	3.2214	0.0	2.8614
				-17.00000	13.00000	0.00000	3.8069	0.0	3.3079
				-16.00000	13.00000	0.00000	4.4042	0.0	3.8162
				-15.00000	13.00000	0.00000	5.0151	0.0	4.3767
				-14.00000	13.00000	0.00000	5.6415	0.0	4.9730
				-13.00000	13.00000	0.00000	6.2852	0.0	5.5818
				-12.00000	13.00000	0.00000	6.9477	0.0	6.1726
				-11.00000	13.00000	0.00000	7.6311	0.0	6.7081
				-10.00000	13.00000	0.00000	8.3369	0.0	7.1441
				-9.00000	13.00000	0.00000	9.0670	0.0	7.4292
				-8.00000	13.00000	0.00000	9.8232	0.0	7.5053
				-7.00000	13.00000	0.00000	10.607	0.0	7.3071
				-6.00000	13.00000	0.00000	11.421	0.0	6.7625
				-5.00000	13.00000	0.00000	Point lies within an excavation.		
				-4.00000	13.00000	0.00000	Point lies within an excavation.		
				-3.00000	13.00000	0.00000	Point lies within an excavation.		
				-2.00000	13.00000	0.00000	Point lies within an excavation.		
				-1.00000	13.00000	0.00000	Point lies within an excavation.		
				0.00000	13.00000	0.00000	Point lies within an excavation.		
				1.00000	13.00000	0.00000	Point lies within an excavation.		
				2.00000	13.00000	0.00000	Point lies within an excavation.		
				3.00000	13.00000	0.00000	Point lies within an excavation.		
				4.00000	13.00000	0.00000	Point lies within an excavation.		
				5.00000	13.00000	0.00000	Point lies within an excavation.		
				6.00000	13.00000	0.00000	Point lies within an excavation.		
				7.00000	13.00000	0.00000	Point lies within an excavation.		
				8.00000	13.00000	0.00000	Point lies within an excavation.		
				9.00000	13.00000	0.00000	Point lies within an excavation.		
				10.00000	13.00000	0.00000	Point lies within an excavation.		
				11.00000	13.00000	0.00000	Point lies within an excavation.		
				12.00000	13.00000	0.00000	Point lies within an excavation.		
				13.00000	13.00000	0.00000	Point lies within an excavation.		
				14.00000	13.00000	0.00000	Point lies within an excavation.		



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	13.00000	0.00000	Point lies within an excavation.		
				16.00000	13.00000	0.00000	Point lies within an excavation.		
				17.00000	13.00000	0.00000	Point lies within an excavation.		
				18.00000	13.00000	0.00000	-11.537	0.0	6.6542
				19.00000	13.00000	0.00000	-10.719	0.0	7.2535
				20.00000	13.00000	0.00000	-9.9313	0.0	7.4956
				21.00000	13.00000	0.00000	-9.1713	0.0	7.4539
				22.00000	13.00000	0.00000	-8.4376	0.0	7.1943
				23.00000	13.00000	0.00000	-7.7285	0.0	6.7762
				24.00000	13.00000	0.00000	-7.0421	0.0	6.2518
				25.00000	13.00000	0.00000	-6.3767	0.0	5.6663
				26.00000	13.00000	0.00000	-5.7306	0.0	5.0581
				27.00000	13.00000	0.00000	-5.1019	0.0	4.4585
				28.00000	13.00000	0.00000	-4.4888	0.0	3.8918
				29.00000	13.00000	0.00000	-3.8897	0.0	3.3755
				30.00000	13.00000	0.00000	-3.3027	0.0	2.9200
				-40.00000	14.00000	0.00000	0.0	0.0	0.0
				-39.00000	14.00000	0.00000	0.0	0.0	0.0
				-38.00000	14.00000	0.00000	0.0	0.0	0.0
				-37.00000	14.00000	0.00000	0.0	0.0	0.0
				-36.00000	14.00000	0.00000	0.0	0.0	0.0
				-35.00000	14.00000	0.00000	0.0	0.0	0.0
				-34.00000	14.00000	0.00000	0.0	0.0	0.0
				-33.00000	14.00000	0.00000	0.0	0.0	0.0
				-32.00000	14.00000	0.00000	0.0	0.0	0.0
				-31.00000	14.00000	0.00000	0.0	0.0	0.0
				-30.00000	14.00000	0.00000	0.0	0.0	0.0
				-29.00000	14.00000	0.00000	0.0	0.0	0.14800
				-28.00000	14.00000	0.00000	0.0	0.0	0.34800
				-27.00000	14.00000	0.00000	0.0	0.0	0.54800
				-26.00000	14.00000	0.00000	0.0	0.0	0.74800
				-25.00000	14.00000	0.00000	0.0	0.0	0.94800
				-24.00000	14.00000	0.00000	0.0	0.0	1.1480
				-23.00000	14.00000	0.00000	0.41079	0.0	1.3974
				-22.00000	14.00000	0.00000	0.96330	0.0	1.6374
				-21.00000	14.00000	0.00000	1.5188	0.0	1.8820
				-20.00000	14.00000	0.00000	2.0792	0.0	2.1563
				-19.00000	14.00000	0.00000	2.6461	0.0	2.4790
				-18.00000	14.00000	0.00000	3.2214	0.0	2.8614
				-17.00000	14.00000	0.00000	3.8069	0.0	3.3079
				-16.00000	14.00000	0.00000	4.4042	0.0	3.8162
				-15.00000	14.00000	0.00000	5.0151	0.0	4.3767
				-14.00000	14.00000	0.00000	5.6415	0.0	4.9730
				-13.00000	14.00000	0.00000	6.2852	0.0	5.5818
				-12.00000	14.00000	0.00000	6.9477	0.0	6.1726
				-11.00000	14.00000	0.00000	7.6311	0.0	6.7081
				-10.00000	14.00000	0.00000	8.3369	0.0	7.1441
				-9.00000	14.00000	0.00000	9.0670	0.0	7.4292
				-8.00000	14.00000	0.00000	9.8232	0.0	7.5053
				-7.00000	14.00000	0.00000	10.607	0.0	7.3071
				-6.00000	14.00000	0.00000	11.421	0.0	6.7625
				-5.00000	14.00000	0.00000	Point lies within an excavation.		
				-4.00000	14.00000	0.00000	Point lies within an excavation.		
				-3.00000	14.00000	0.00000	Point lies within an excavation.		
				-2.00000	14.00000	0.00000	Point lies within an excavation.		
				-1.00000	14.00000	0.00000	Point lies within an excavation.		
				0.00000	14.00000	0.00000	Point lies within an excavation.		
				1.00000	14.00000	0.00000	Point lies within an excavation.		
				2.00000	14.00000	0.00000	Point lies within an excavation.		
				3.00000	14.00000	0.00000	Point lies within an excavation.		
				4.00000	14.00000	0.00000	Point lies within an excavation.		
				5.00000	14.00000	0.00000	Point lies within an excavation.		
				6.00000	14.00000	0.00000	Point lies within an excavation.		
				7.00000	14.00000	0.00000	Point lies within an excavation.		
				8.00000	14.00000	0.00000	Point lies within an excavation.		
				9.00000	14.00000	0.00000	Point lies within an excavation.		
				10.00000	14.00000	0.00000	Point lies within an excavation.		
				11.00000	14.00000	0.00000	Point lies within an excavation.		
				12.00000	14.00000	0.00000	Point lies within an excavation.		
				13.00000	14.00000	0.00000	Point lies within an excavation.		
				14.00000	14.00000	0.00000	Point lies within an excavation.		



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	14.00000	0.00000	Point lies within an excavation.		
				16.00000	14.00000	0.00000	Point lies within an excavation.		
				17.00000	14.00000	0.00000	Point lies within an excavation.		
				18.00000	14.00000	0.00000	-11.537	0.0	6.6542
				19.00000	14.00000	0.00000	-10.719	0.0	7.2535
				20.00000	14.00000	0.00000	-9.9313	0.0	7.4956
				21.00000	14.00000	0.00000	-9.1713	0.0	7.4539
				22.00000	14.00000	0.00000	-8.4376	0.0	7.1943
				23.00000	14.00000	0.00000	-7.7285	0.0	6.7762
				24.00000	14.00000	0.00000	-7.0421	0.0	6.2518
				25.00000	14.00000	0.00000	-6.3767	0.0	5.6663
				26.00000	14.00000	0.00000	-5.7306	0.0	5.0581
				27.00000	14.00000	0.00000	-5.1019	0.0	4.4585
				28.00000	14.00000	0.00000	-4.4888	0.0	3.8918
				29.00000	14.00000	0.00000	-3.8897	0.0	3.3755
				30.00000	14.00000	0.00000	-3.3027	0.0	2.9200
				-40.00000	15.00000	0.00000	0.0	0.0	0.0
				-39.00000	15.00000	0.00000	0.0	0.0	0.0
				-38.00000	15.00000	0.00000	0.0	0.0	0.0
				-37.00000	15.00000	0.00000	0.0	0.0	0.0
				-36.00000	15.00000	0.00000	0.0	0.0	0.0
				-35.00000	15.00000	0.00000	0.0	0.0	0.0
				-34.00000	15.00000	0.00000	0.0	0.0	0.0
				-33.00000	15.00000	0.00000	0.0	0.0	0.0
				-32.00000	15.00000	0.00000	0.0	0.0	0.0
				-31.00000	15.00000	0.00000	0.0	0.0	0.0
				-30.00000	15.00000	0.00000	0.0	0.0	0.0
				-29.00000	15.00000	0.00000	0.0	0.0	0.14800
				-28.00000	15.00000	0.00000	0.0	0.0	0.34800
				-27.00000	15.00000	0.00000	0.0	0.0	0.54800
				-26.00000	15.00000	0.00000	0.0	0.0	0.74800
				-25.00000	15.00000	0.00000	0.0	0.0	0.94800
				-24.00000	15.00000	0.00000	0.0	0.0	1.1480
				-23.00000	15.00000	0.00000	0.41079	0.0	1.3974
				-22.00000	15.00000	0.00000	0.96330	0.0	1.6374
				-21.00000	15.00000	0.00000	1.5188	0.0	1.8820
				-20.00000	15.00000	0.00000	2.0792	0.0	2.1563
				-19.00000	15.00000	0.00000	2.6461	0.0	2.4790
				-18.00000	15.00000	0.00000	3.2214	0.0	2.8614
				-17.00000	15.00000	0.00000	3.8069	0.0	3.3079
				-16.00000	15.00000	0.00000	4.4042	0.0	3.8162
				-15.00000	15.00000	0.00000	5.0151	0.0	4.3767
				-14.00000	15.00000	0.00000	5.6415	0.0	4.9730
				-13.00000	15.00000	0.00000	6.2852	0.0	5.5818
				-12.00000	15.00000	0.00000	6.9477	0.0	6.1726
				-11.00000	15.00000	0.00000	7.6311	0.0	6.7081
				-10.00000	15.00000	0.00000	8.3369	0.0	7.1441
				-9.00000	15.00000	0.00000	9.0670	0.0	7.4292
				-8.00000	15.00000	0.00000	9.8232	0.0	7.5053
				-7.00000	15.00000	0.00000	10.607	0.0	7.3071
				-6.00000	15.00000	0.00000	11.421	0.0	6.7625
				-5.00000	15.00000	0.00000	Point lies within an excavation.		
				-4.00000	15.00000	0.00000	Point lies within an excavation.		
				-3.00000	15.00000	0.00000	Point lies within an excavation.		
				-2.00000	15.00000	0.00000	Point lies within an excavation.		
				-1.00000	15.00000	0.00000	Point lies within an excavation.		
				0.00000	15.00000	0.00000	Point lies within an excavation.		
				1.00000	15.00000	0.00000	Point lies within an excavation.		
				2.00000	15.00000	0.00000	Point lies within an excavation.		
				3.00000	15.00000	0.00000	Point lies within an excavation.		
				4.00000	15.00000	0.00000	Point lies within an excavation.		
				5.00000	15.00000	0.00000	Point lies within an excavation.		
				6.00000	15.00000	0.00000	Point lies within an excavation.		
				7.00000	15.00000	0.00000	Point lies within an excavation.		
				8.00000	15.00000	0.00000	Point lies within an excavation.		
				9.00000	15.00000	0.00000	Point lies within an excavation.		
				10.00000	15.00000	0.00000	Point lies within an excavation.		
				11.00000	15.00000	0.00000	Point lies within an excavation.		
				12.00000	15.00000	0.00000	Point lies within an excavation.		
				13.00000	15.00000	0.00000	Point lies within an excavation.		
				14.00000	15.00000	0.00000	Point lies within an excavation.		



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	15.00000	0.00000	Point lies within an excavation.		
				16.00000	15.00000	0.00000	Point lies within an excavation.		
				17.00000	15.00000	0.00000	Point lies within an excavation.		
				18.00000	15.00000	0.00000	-11.537	0.0	6.6542
				19.00000	15.00000	0.00000	-10.719	0.0	7.2535
				20.00000	15.00000	0.00000	-9.9313	0.0	7.4956
				21.00000	15.00000	0.00000	-9.1713	0.0	7.4539
				22.00000	15.00000	0.00000	-8.4376	0.0	7.1943
				23.00000	15.00000	0.00000	-7.7285	0.0	6.7762
				24.00000	15.00000	0.00000	-7.0421	0.0	6.2518
				25.00000	15.00000	0.00000	-6.3767	0.0	5.6663
				26.00000	15.00000	0.00000	-5.7306	0.0	5.0581
				27.00000	15.00000	0.00000	-5.1019	0.0	4.4585
				28.00000	15.00000	0.00000	-4.4888	0.0	3.8918
				29.00000	15.00000	0.00000	-3.8897	0.0	3.3755
				30.00000	15.00000	0.00000	-3.3027	0.0	2.9200
				-40.00000	16.00000	0.00000	0.0	0.0	0.0
				-39.00000	16.00000	0.00000	0.0	0.0	0.0
				-38.00000	16.00000	0.00000	0.0	0.0	0.0
				-37.00000	16.00000	0.00000	0.0	0.0	0.0
				-36.00000	16.00000	0.00000	0.0	0.0	0.0
				-35.00000	16.00000	0.00000	0.0	0.0	0.0
				-34.00000	16.00000	0.00000	0.0	0.0	0.0
				-33.00000	16.00000	0.00000	0.0	0.0	0.0
				-32.00000	16.00000	0.00000	0.0	0.0	0.0
				-31.00000	16.00000	0.00000	0.0	0.0	0.0
				-30.00000	16.00000	0.00000	0.0	0.0	0.0
				-29.00000	16.00000	0.00000	0.0	0.0	0.097493
				-28.00000	16.00000	0.00000	0.0	0.0	0.23033
				-27.00000	16.00000	0.00000	0.0	0.0	0.36306
				-26.00000	16.00000	0.00000	0.0	0.0	0.63566
				-25.00000	16.00000	0.00000	0.0	0.0	0.96812
				-24.00000	16.00000	0.00000	0.0	0.0	1.3004
				-23.00000	16.00000	0.00000	0.26484	-0.0041893	1.6649
				-22.00000	16.00000	0.00000	0.62420	-0.010498	2.0234
				-21.00000	16.00000	0.00000	0.98411	-0.017667	2.3842
				-20.00000	16.00000	0.00000	1.7341	-0.025900	2.8117
				-19.00000	16.00000	0.00000	2.6500	-0.035460	3.2635
				-18.00000	16.00000	0.00000	3.5715	-0.046698	3.7571
				-17.00000	16.00000	0.00000	4.5008	-0.060085	4.3209
				-16.00000	16.00000	0.00000	5.4398	-0.076281	4.9714
				-15.00000	16.00000	0.00000	6.3897	-0.096222	5.7136
				-14.00000	16.00000	0.00000	7.3512	-0.12130	6.5404
				-13.00000	16.00000	0.00000	8.3235	-0.15367	7.4330
				-12.00000	16.00000	0.00000	9.3035	-0.19683	8.3606
				-11.00000	16.00000	0.00000	10.284	-0.25694	9.2797
				-10.00000	16.00000	0.00000	11.246	-0.34576	10.133
				-9.00000	16.00000	0.00000	12.150	-0.48907	10.848
				-8.00000	16.00000	0.00000	12.881	-0.75543	11.324
				-7.00000	16.00000	0.00000	13.001	-1.3995	11.387
				-6.00000	16.00000	0.00000	10.577	-4.8685	11.454
				-5.00000	16.00000	0.00000	9.7925	-11.174	14.474
				-4.00000	16.00000	0.00000	10.575	-11.174	14.288
				-3.00000	16.00000	0.00000	11.388	-11.174	13.759
				-2.00000	16.00000	0.00000	Point lies within an excavation.		
				-1.00000	16.00000	0.00000	Point lies within an excavation.		
				0.00000	16.00000	0.00000	Point lies within an excavation.		
				1.00000	16.00000	0.00000	Point lies within an excavation.		
				2.00000	16.00000	0.00000	Point lies within an excavation.		
				3.00000	16.00000	0.00000	Point lies within an excavation.		
				4.00000	16.00000	0.00000	Point lies within an excavation.		
				5.00000	16.00000	0.00000	Point lies within an excavation.		
				6.00000	16.00000	0.00000	Point lies within an excavation.		
				7.00000	16.00000	0.00000	Point lies within an excavation.		
				8.00000	16.00000	0.00000	Point lies within an excavation.		
				9.00000	16.00000	0.00000	Point lies within an excavation.		
				10.00000	16.00000	0.00000	Point lies within an excavation.		
				11.00000	16.00000	0.00000	Point lies within an excavation.		
				12.00000	16.00000	0.00000	Point lies within an excavation.		
				13.00000	16.00000	0.00000	Point lies within an excavation.		
				14.00000	16.00000	0.00000	Point lies within an excavation.		



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	16.00000	0.00000	Point lies within an excavation.		
				16.00000	16.00000	0.00000	Point lies within an excavation.		
				17.00000	16.00000	0.00000	Point lies within an excavation.		
				18.00000	16.00000	0.00000	-11.537	0.0	6.6542
				19.00000	16.00000	0.00000	-10.719	0.0	7.2535
				20.00000	16.00000	0.00000	-9.9313	0.0	7.4956
				21.00000	16.00000	0.00000	-9.1713	0.0	7.4539
				22.00000	16.00000	0.00000	-8.4376	0.0	7.1943
				23.00000	16.00000	0.00000	-7.7285	0.0	6.7762
				24.00000	16.00000	0.00000	-7.0421	0.0	6.2518
				25.00000	16.00000	0.00000	-6.3767	0.0	5.6663
				26.00000	16.00000	0.00000	-5.7306	0.0	5.0581
				27.00000	16.00000	0.00000	-5.1019	0.0	4.4585
				28.00000	16.00000	0.00000	-4.4888	0.0	3.8918
				29.00000	16.00000	0.00000	-3.8897	0.0	3.3755
				30.00000	16.00000	0.00000	-3.3027	0.0	2.9200
				-40.00000	17.00000	0.00000	0.0	0.0	0.0
				-39.00000	17.00000	0.00000	0.0	0.0	0.0
				-38.00000	17.00000	0.00000	0.0	0.0	0.0
				-37.00000	17.00000	0.00000	0.0	0.0	0.0
				-36.00000	17.00000	0.00000	0.0	0.0	0.0
				-35.00000	17.00000	0.00000	0.0	0.0	0.0
				-34.00000	17.00000	0.00000	0.0	0.0	0.0
				-33.00000	17.00000	0.00000	0.0	0.0	0.0
				-32.00000	17.00000	0.00000	0.0	0.0	0.0
				-31.00000	17.00000	0.00000	0.0	0.0	0.0
				-30.00000	17.00000	0.00000	0.0	0.0	0.0
				-29.00000	17.00000	0.00000	0.0	0.0	0.090164
				-28.00000	17.00000	0.00000	0.0	0.0	0.22074
				-27.00000	17.00000	0.00000	0.0	0.0	0.35099
				-26.00000	17.00000	0.00000	0.0	0.0	0.62088
				-25.00000	17.00000	0.00000	0.0	0.0	0.95034
				-24.00000	17.00000	0.00000	0.0	0.0	1.2793
				-23.00000	17.00000	0.00000	0.23130	-0.010673	1.6376
				-22.00000	17.00000	0.00000	0.57056	-0.028070	1.9917
				-21.00000	17.00000	0.00000	0.90759	-0.047815	2.3463
				-20.00000	17.00000	0.00000	1.6313	-0.070454	2.7652
				-19.00000	17.00000	0.00000	2.5167	-0.096695	3.2055
				-18.00000	17.00000	0.00000	3.4024	-0.12747	3.6844
				-17.00000	17.00000	0.00000	4.2891	-0.16404	4.2296
				-16.00000	17.00000	0.00000	5.1768	-0.20812	4.8571
				-15.00000	17.00000	0.00000	6.0640	-0.26215	5.5712
				-14.00000	17.00000	0.00000	6.9472	-0.32971	6.3642
				-13.00000	17.00000	0.00000	7.8196	-0.41618	7.2161
				-12.00000	17.00000	0.00000	8.6688	-0.53013	8.0949
				-11.00000	17.00000	0.00000	9.4716	-0.68595	8.9552
				-10.00000	17.00000	0.00000	10.185	-0.90946	9.7372
				-9.00000	17.00000	0.00000	10.719	-1.2510	10.364
				-8.00000	17.00000	0.00000	10.882	-1.8178	10.732
				-7.00000	17.00000	0.00000	10.475	-3.0730	11.043
				-6.00000	17.00000	0.00000	9.5815	-6.0216	12.118
				-5.00000	17.00000	0.00000	9.7925	-10.369	14.907
				-4.00000	17.00000	0.00000	10.575	-10.369	14.721
				-3.00000	17.00000	0.00000	11.388	-10.369	14.191
				-2.00000	17.00000	0.00000	Point lies within an excavation.		
				-1.00000	17.00000	0.00000	Point lies within an excavation.		
				0.00000	17.00000	0.00000	Point lies within an excavation.		
				1.00000	17.00000	0.00000	Point lies within an excavation.		
				2.00000	17.00000	0.00000	Point lies within an excavation.		
				3.00000	17.00000	0.00000	Point lies within an excavation.		
				4.00000	17.00000	0.00000	Point lies within an excavation.		
				5.00000	17.00000	0.00000	Point lies within an excavation.		
				6.00000	17.00000	0.00000	Point lies within an excavation.		
				7.00000	17.00000	0.00000	Point lies within an excavation.		
				8.00000	17.00000	0.00000	Point lies within an excavation.		
				9.00000	17.00000	0.00000	Point lies within an excavation.		
				10.00000	17.00000	0.00000	Point lies within an excavation.		
				11.00000	17.00000	0.00000	Point lies within an excavation.		
				12.00000	17.00000	0.00000	Point lies within an excavation.		
				13.00000	17.00000	0.00000	Point lies within an excavation.		
				14.00000	17.00000	0.00000	Point lies within an excavation.		



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	17.00000	0.00000	Point lies within an excavation.		
				16.00000	17.00000	0.00000	Point lies within an excavation.		
				17.00000	17.00000	0.00000	Point lies within an excavation.		
				18.00000	17.00000	0.00000	-11.537	0.0	6.6542
				19.00000	17.00000	0.00000	-10.719	0.0	7.2535
				20.00000	17.00000	0.00000	-9.9313	0.0	7.4956
				21.00000	17.00000	0.00000	-9.1713	0.0	7.4539
				22.00000	17.00000	0.00000	-8.4376	0.0	7.1943
				23.00000	17.00000	0.00000	-7.7285	0.0	6.7762
				24.00000	17.00000	0.00000	-7.0421	0.0	6.2518
				25.00000	17.00000	0.00000	-6.3767	0.0	5.6663
				26.00000	17.00000	0.00000	-5.7306	0.0	5.0581
				27.00000	17.00000	0.00000	-5.1019	0.0	4.4585
				28.00000	17.00000	0.00000	-4.4888	0.0	3.8918
				29.00000	17.00000	0.00000	-3.8897	0.0	3.3755
				30.00000	17.00000	0.00000	-3.3027	0.0	2.9200
				-40.00000	18.00000	0.00000	0.0	0.0	0.0
				-39.00000	18.00000	0.00000	0.0	0.0	0.0
				-38.00000	18.00000	0.00000	0.0	0.0	0.0
				-37.00000	18.00000	0.00000	0.0	0.0	0.0
				-36.00000	18.00000	0.00000	0.0	0.0	0.0
				-35.00000	18.00000	0.00000	0.0	0.0	0.0
				-34.00000	18.00000	0.00000	0.0	0.0	0.0
				-33.00000	18.00000	0.00000	0.0	0.0	0.0
				-32.00000	18.00000	0.00000	0.0	0.0	0.0
				-31.00000	18.00000	0.00000	0.0	0.0	0.0
				-30.00000	18.00000	0.00000	0.0	0.0	0.0
				-29.00000	18.00000	0.00000	0.0	0.0	0.077494
				-28.00000	18.00000	0.00000	0.0	0.0	0.20560
				-27.00000	18.00000	0.00000	0.0	0.0	0.33316
				-26.00000	18.00000	0.00000	0.0	0.0	0.60010
				-25.00000	18.00000	0.00000	0.0	0.0	0.92632
				-24.00000	18.00000	0.00000	0.0	0.0	1.2517
				-23.00000	18.00000	0.00000	0.18132	-0.014373	1.6015
				-22.00000	18.00000	0.00000	0.49995	-0.042373	1.9515
				-21.00000	18.00000	0.00000	0.81358	-0.074071	2.2990
				-20.00000	18.00000	0.00000	1.5105	-0.11031	2.7074
				-19.00000	18.00000	0.00000	2.3649	-0.15217	3.1336
				-18.00000	18.00000	0.00000	3.2146	-0.20106	3.5943
				-17.00000	18.00000	0.00000	4.0589	-0.25884	4.1170
				-16.00000	18.00000	0.00000	4.8962	-0.32806	4.7174
				-15.00000	18.00000	0.00000	5.7226	-0.41221	5.3996
				-14.00000	18.00000	0.00000	6.5317	-0.51628	6.1557
				-13.00000	18.00000	0.00000	7.3128	-0.64755	6.9660
				-12.00000	18.00000	0.00000	8.0478	-0.81700	7.7988
				-11.00000	18.00000	0.00000	8.7071	-1.0417	8.6100
				-10.00000	18.00000	0.00000	9.2407	-1.3492	9.3430
				-9.00000	18.00000	0.00000	9.5647	-1.7841	9.9287
				-8.00000	18.00000	0.00000	9.6643	-2.5357	10.486
				-7.00000	18.00000	0.00000	9.6726	-3.9867	11.405
				-6.00000	18.00000	0.00000	9.3461	-5.9022	12.287
				-5.00000	18.00000	0.00000	9.7925	-9.5935	15.015
				-4.00000	18.00000	0.00000	10.575	-9.5935	14.829
				-3.00000	18.00000	0.00000	11.388	-9.5935	14.300
				-2.00000	18.00000	0.00000	Point lies within an excavation.		
				-1.00000	18.00000	0.00000	Point lies within an excavation.		
				0.00000	18.00000	0.00000	Point lies within an excavation.		
				1.00000	18.00000	0.00000	Point lies within an excavation.		
				2.00000	18.00000	0.00000	Point lies within an excavation.		
				3.00000	18.00000	0.00000	Point lies within an excavation.		
				4.00000	18.00000	0.00000	Point lies within an excavation.		
				5.00000	18.00000	0.00000	Point lies within an excavation.		
				6.00000	18.00000	0.00000	Point lies within an excavation.		
				7.00000	18.00000	0.00000	Point lies within an excavation.		
				8.00000	18.00000	0.00000	Point lies within an excavation.		
				9.00000	18.00000	0.00000	Point lies within an excavation.		
				10.00000	18.00000	0.00000	Point lies within an excavation.		
				11.00000	18.00000	0.00000	Point lies within an excavation.		
				12.00000	18.00000	0.00000	Point lies within an excavation.		
				13.00000	18.00000	0.00000	Point lies within an excavation.		
				14.00000	18.00000	0.00000	Point lies within an excavation.		



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	18.00000	0.00000	Point lies within an excavation.		
				16.00000	18.00000	0.00000	Point lies within an excavation.		
				17.00000	18.00000	0.00000	Point lies within an excavation.		
				18.00000	18.00000	0.00000	-11.537	0.0	6.6542
				19.00000	18.00000	0.00000	-10.719	0.0	7.2535
				20.00000	18.00000	0.00000	-9.9313	0.0	7.4956
				21.00000	18.00000	0.00000	-9.1713	0.0	7.4539
				22.00000	18.00000	0.00000	-8.4376	0.0	7.1943
				23.00000	18.00000	0.00000	-7.7285	0.0	6.7762
				24.00000	18.00000	0.00000	-7.0421	0.0	6.2518
				25.00000	18.00000	0.00000	-6.3767	0.0	5.6663
				26.00000	18.00000	0.00000	-5.7306	0.0	5.0581
				27.00000	18.00000	0.00000	-5.1019	0.0	4.4585
				28.00000	18.00000	0.00000	-4.4888	0.0	3.8918
				29.00000	18.00000	0.00000	-3.8897	0.0	3.3755
				30.00000	18.00000	0.00000	-3.3027	0.0	2.9200
				-40.00000	19.00000	0.00000	0.0	0.0	0.0
				-39.00000	19.00000	0.00000	0.0	0.0	0.0
				-38.00000	19.00000	0.00000	0.0	0.0	0.0
				-37.00000	19.00000	0.00000	0.0	0.0	0.0
				-36.00000	19.00000	0.00000	0.0	0.0	0.0
				-35.00000	19.00000	0.00000	0.0	0.0	0.0
				-34.00000	19.00000	0.00000	0.0	0.0	0.0
				-33.00000	19.00000	0.00000	0.0	0.0	0.0
				-32.00000	19.00000	0.00000	0.0	0.0	0.0
				-31.00000	19.00000	0.00000	0.0	0.0	0.0
				-30.00000	19.00000	0.00000	0.0	0.0	0.0
				-29.00000	19.00000	0.00000	0.0	0.0	0.059781
				-28.00000	19.00000	0.00000	0.0	0.0	0.18525
				-27.00000	19.00000	0.00000	0.0	0.0	0.30994
				-26.00000	19.00000	0.00000	0.0	0.0	0.57374
				-25.00000	19.00000	0.00000	0.0	0.0	0.89652
				-24.00000	19.00000	0.00000	0.0	0.0	1.2181
				-23.00000	19.00000	0.00000	0.11812	-0.013627	1.5570
				-22.00000	19.00000	0.00000	0.41618	-0.051473	1.9037
				-21.00000	19.00000	0.00000	0.70659	-0.094163	2.2439
				-20.00000	19.00000	0.00000	1.3772	-0.14276	2.6408
				-19.00000	19.00000	0.00000	2.2014	-0.19862	3.0510
				-18.00000	19.00000	0.00000	3.0163	-0.26348	3.4911
				-17.00000	19.00000	0.00000	3.8204	-0.33958	3.9887
				-16.00000	19.00000	0.00000	4.6106	-0.42994	4.5595
				-15.00000	19.00000	0.00000	5.3820	-0.53856	5.2078
				-14.00000	19.00000	0.00000	6.1265	-0.67096	5.9263
				-13.00000	19.00000	0.00000	6.8317	-0.83477	6.6965
				-12.00000	19.00000	0.00000	7.4786	-1.0408	7.4883
				-11.00000	19.00000	0.00000	8.0389	-1.3042	8.2611
				-10.00000	19.00000	0.00000	8.4711	-1.6462	8.9644
				-9.00000	19.00000	0.00000	8.7933	-2.1699	9.6714
				-8.00000	19.00000	0.00000	9.1100	-3.0754	10.609
				-7.00000	19.00000	0.00000	9.2489	-4.2400	11.485
				-6.00000	19.00000	0.00000	9.2425	-5.5771	12.237
				-5.00000	19.00000	0.00000	9.7925	-8.8454	14.870
				-4.00000	19.00000	0.00000	10.575	-8.8454	14.684
				-3.00000	19.00000	0.00000	11.388	-8.8454	14.155
				-2.00000	19.00000	0.00000	Point lies within an excavation.		
				-1.00000	19.00000	0.00000	Point lies within an excavation.		
				0.00000	19.00000	0.00000	Point lies within an excavation.		
				1.00000	19.00000	0.00000	Point lies within an excavation.		
				2.00000	19.00000	0.00000	Point lies within an excavation.		
				3.00000	19.00000	0.00000	Point lies within an excavation.		
				4.00000	19.00000	0.00000	Point lies within an excavation.		
				5.00000	19.00000	0.00000	Point lies within an excavation.		
				6.00000	19.00000	0.00000	Point lies within an excavation.		
				7.00000	19.00000	0.00000	Point lies within an excavation.		
				8.00000	19.00000	0.00000	Point lies within an excavation.		
				9.00000	19.00000	0.00000	Point lies within an excavation.		
				10.00000	19.00000	0.00000	Point lies within an excavation.		
				11.00000	19.00000	0.00000	Point lies within an excavation.		
				12.00000	19.00000	0.00000	Point lies within an excavation.		
				13.00000	19.00000	0.00000	0.0	-11.454	6.7324
				14.00000	19.00000	0.00000	0.0	-11.454	6.7324



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	19.00000	0.00000	0.0	-11.454	6.7324
				16.00000	19.00000	0.00000	0.0	-11.454	6.7324
				17.00000	19.00000	0.00000	0.0	-11.454	6.7324
				18.00000	19.00000	0.00000	-1.8165	-4.6054	3.7960
				19.00000	19.00000	0.00000	-6.0604	-0.66074	4.5607
				20.00000	19.00000	0.00000	-6.0994	-0.32659	4.8549
				21.00000	19.00000	0.00000	-5.7959	-0.20538	4.8797
				22.00000	19.00000	0.00000	-5.4098	-0.14321	4.7358
				23.00000	19.00000	0.00000	-4.9985	-0.10560	4.4756
				24.00000	19.00000	0.00000	-4.5812	-0.080514	4.1386
				25.00000	19.00000	0.00000	-4.1656	-0.062676	3.7572
				26.00000	19.00000	0.00000	-3.7552	-0.049393	3.3581
				27.00000	19.00000	0.00000	-3.3514	-0.039155	2.9629
				28.00000	19.00000	0.00000	-2.9544	-0.031047	2.5884
				29.00000	19.00000	0.00000	-2.5641	-0.024484	2.2464
				30.00000	19.00000	0.00000	-2.1800	-0.019074	1.9444
				-40.00000	20.00000	0.00000	0.0	0.0	0.0
				-39.00000	20.00000	0.00000	0.0	0.0	0.0
				-38.00000	20.00000	0.00000	0.0	0.0	0.0
				-37.00000	20.00000	0.00000	0.0	0.0	0.0
				-36.00000	20.00000	0.00000	0.0	0.0	0.0
				-35.00000	20.00000	0.00000	0.0	0.0	0.0
				-34.00000	20.00000	0.00000	0.0	0.0	0.0
				-33.00000	20.00000	0.00000	0.0	0.0	0.0
				-32.00000	20.00000	0.00000	0.0	0.0	0.0
				-31.00000	20.00000	0.00000	0.0	0.0	0.0
				-30.00000	20.00000	0.00000	0.0	0.0	0.0
				-29.00000	20.00000	0.00000	0.0	0.0	0.037338
				-28.00000	20.00000	0.00000	0.0	0.0	0.16004
				-27.00000	20.00000	0.00000	0.0	0.0	0.28173
				-26.00000	20.00000	0.00000	0.0	0.0	0.54226
				-25.00000	20.00000	0.00000	0.0	0.0	0.86147
				-24.00000	20.00000	0.00000	0.0	0.0	1.1791
				-23.00000	20.00000	0.00000	0.044841	-0.0069315	1.5042
				-22.00000	20.00000	0.00000	0.32289	-0.053652	1.8490
				-21.00000	20.00000	0.00000	0.59090	-0.10611	2.1825
				-20.00000	20.00000	0.00000	1.2363	-0.16551	2.5676
				-19.00000	20.00000	0.00000	2.0321	-0.23336	2.9611
				-18.00000	20.00000	0.00000	2.8148	-0.31155	3.3796
				-17.00000	20.00000	0.00000	3.5823	-0.40251	3.8507
				-16.00000	20.00000	0.00000	4.3310	-0.50933	4.3909
				-15.00000	20.00000	0.00000	5.0555	-0.63604	5.0048
				-14.00000	20.00000	0.00000	5.7473	-0.78789	5.6866
				-13.00000	20.00000	0.00000	6.3946	-0.97176	6.4191
				-12.00000	20.00000	0.00000	6.9807	-1.1965	7.1753
				-11.00000	20.00000	0.00000	7.4830	-1.4734	7.9183
				-10.00000	20.00000	0.00000	7.9240	-1.8668	8.6950
				-9.00000	20.00000	0.00000	8.3814	-2.4994	9.6486
				-8.00000	20.00000	0.00000	8.7384	-3.2855	10.562
				-7.00000	20.00000	0.00000	8.9949	-4.2075	11.383
				-6.00000	20.00000	0.00000	9.1845	-5.1914	12.041
				-5.00000	20.00000	0.00000	9.7925	-8.1227	14.534
				-4.00000	20.00000	0.00000	10.575	-8.1227	14.348
				-3.00000	20.00000	0.00000	11.388	-8.1227	13.819
				-2.00000	20.00000	0.00000	Point lies within an excavation.		
				-1.00000	20.00000	0.00000	Point lies within an excavation.		
				0.00000	20.00000	0.00000	Point lies within an excavation.		
				1.00000	20.00000	0.00000	Point lies within an excavation.		
				2.00000	20.00000	0.00000	Point lies within an excavation.		
				3.00000	20.00000	0.00000	Point lies within an excavation.		
				4.00000	20.00000	0.00000	Point lies within an excavation.		
				5.00000	20.00000	0.00000	Point lies within an excavation.		
				6.00000	20.00000	0.00000	Point lies within an excavation.		
				7.00000	20.00000	0.00000	Point lies within an excavation.		
				8.00000	20.00000	0.00000	Point lies within an excavation.		
				9.00000	20.00000	0.00000	Point lies within an excavation.		
				10.00000	20.00000	0.00000	Point lies within an excavation.		
				11.00000	20.00000	0.00000	Point lies within an excavation.		
				12.00000	20.00000	0.00000	-7.3360	-8.3423	7.0144
				13.00000	20.00000	0.00000	-6.9840	-18.581	14.613
				14.00000	20.00000	0.00000	0.0	-10.639	7.2925



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	20.00000	0.00000	0.0	-10.639	7.2925
				16.00000	20.00000	0.00000	0.0	-10.639	7.2925
				17.00000	20.00000	0.00000	0.0	-10.639	7.2925
				18.00000	20.00000	0.00000	-0.33189	-6.5675	4.7326
				19.00000	20.00000	0.00000	-2.4334	-2.8084	3.7801
				20.00000	20.00000	0.00000	-3.7827	-1.6091	4.1828
				21.00000	20.00000	0.00000	-4.2362	-1.0679	4.3676
				22.00000	20.00000	0.00000	-4.2886	-0.76156	4.3330
				23.00000	20.00000	0.00000	-4.1570	-0.56803	4.1538
				24.00000	20.00000	0.00000	-3.9314	-0.43598	3.8797
				25.00000	20.00000	0.00000	-3.6544	-0.34079	3.5486
				26.00000	20.00000	0.00000	-3.3482	-0.26928	3.1903
				27.00000	20.00000	0.00000	-3.0253	-0.21383	2.8284
				28.00000	20.00000	0.00000	-2.6927	-0.16973	2.4809
				29.00000	20.00000	0.00000	-2.3546	-0.13392	2.1608
				30.00000	20.00000	0.00000	-2.0137	-0.10433	1.8763
				-40.00000	21.00000	0.00000	0.0	0.0	0.0
				-39.00000	21.00000	0.00000	0.0	0.0	0.0
				-38.00000	21.00000	0.00000	0.0	0.0	0.0
				-37.00000	21.00000	0.00000	0.0	0.0	0.0
				-36.00000	21.00000	0.00000	0.0	0.0	0.0
				-35.00000	21.00000	0.00000	0.0	0.0	0.0
				-34.00000	21.00000	0.00000	0.0	0.0	0.0
				-33.00000	21.00000	0.00000	0.0	0.0	0.0
				-32.00000	21.00000	0.00000	0.0	0.0	0.0
				-31.00000	21.00000	0.00000	0.0	0.0	0.0
				-30.00000	21.00000	0.00000	0.0	0.0	0.0
				-29.00000	21.00000	0.00000	0.0	0.0	0.010490
				-28.00000	21.00000	0.00000	0.0	0.0	0.13033
				-27.00000	21.00000	0.00000	0.0	0.0	0.24892
				-26.00000	21.00000	0.00000	0.0	0.0	0.50610
				-25.00000	21.00000	0.00000	0.0	0.0	0.82167
				-24.00000	21.00000	0.00000	0.0	0.0	1.1354
				-23.00000	21.00000	0.00000	0.0	0.0	1.4470
				-22.00000	21.00000	0.00000	0.22346	-0.047460	1.7878
				-21.00000	21.00000	0.00000	0.47041	-0.10829	2.1159
				-20.00000	21.00000	0.00000	1.0924	-0.17673	2.4900
				-19.00000	21.00000	0.00000	1.8622	-0.25434	2.8671
				-18.00000	21.00000	0.00000	2.6161	-0.34303	3.2640
				-17.00000	21.00000	0.00000	3.3517	-0.44515	3.7088
				-16.00000	21.00000	0.00000	4.0654	-0.56365	4.2185
				-15.00000	21.00000	0.00000	4.7518	-0.70216	4.7990
				-14.00000	21.00000	0.00000	5.4035	-0.86519	5.4457
				-13.00000	21.00000	0.00000	6.0103	-1.0582	6.1437
				-12.00000	21.00000	0.00000	6.5592	-1.2877	6.8686
				-11.00000	21.00000	0.00000	7.0704	-1.5968	7.6520
				-10.00000	21.00000	0.00000	7.6019	-2.0673	8.5889
				-9.00000	21.00000	0.00000	8.0727	-2.6367	9.5177
				-8.00000	21.00000	0.00000	8.4786	-3.3014	10.393
				-7.00000	21.00000	0.00000	8.8280	-4.0359	11.159
				-6.00000	21.00000	0.00000	9.1477	-4.7857	11.745
				-5.00000	21.00000	0.00000	9.7925	-7.4238	14.063
				-4.00000	21.00000	0.00000	10.575	-7.4238	13.877
				-3.00000	21.00000	0.00000	11.388	-7.4238	13.348
				-2.00000	21.00000	0.00000	Point lies within an excavation.		
				-1.00000	21.00000	0.00000	Point lies within an excavation.		
				0.00000	21.00000	0.00000	Point lies within an excavation.		
				1.00000	21.00000	0.00000	Point lies within an excavation.		
				2.00000	21.00000	0.00000	Point lies within an excavation.		
				3.00000	21.00000	0.00000	Point lies within an excavation.		
				4.00000	21.00000	0.00000	Point lies within an excavation.		
				5.00000	21.00000	0.00000	Point lies within an excavation.		
				6.00000	21.00000	0.00000	Point lies within an excavation.		
				7.00000	21.00000	0.00000	Point lies within an excavation.		
				8.00000	21.00000	0.00000	Point lies within an excavation.		
				9.00000	21.00000	0.00000	Point lies within an excavation.		
				10.00000	21.00000	0.00000	-7.6469	-8.6958	6.6126
				11.00000	21.00000	0.00000	-7.2872	-8.2868	7.0661
				12.00000	21.00000	0.00000	-6.9364	-7.8878	7.3508
				13.00000	21.00000	0.00000	-6.5940	-17.353	14.992
				14.00000	21.00000	0.00000	-6.2598	-16.972	15.004



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	21.00000	0.00000	0.0	-9.8540	7.5031
				16.00000	21.00000	0.00000	0.0	-9.8540	7.5031
				17.00000	21.00000	0.00000	0.0	-9.8540	7.5031
				18.00000	21.00000	0.00000	-0.16934	-6.3160	4.9395
				19.00000	21.00000	0.00000	-1.4352	-4.0541	4.2720
				20.00000	21.00000	0.00000	-2.2347	-2.4157	3.7681
				21.00000	21.00000	0.00000	-2.9343	-1.7024	3.9077
				22.00000	21.00000	0.00000	-3.2609	-1.2645	3.9278
				23.00000	21.00000	0.00000	-3.3433	-0.96495	3.8056
				24.00000	21.00000	0.00000	-3.2810	-0.75101	3.5849
				25.00000	21.00000	0.00000	-3.1296	-0.59228	3.3019
				26.00000	21.00000	0.00000	-2.9219	-0.47075	2.9861
				27.00000	21.00000	0.00000	-2.6775	-0.37525	2.6609
				28.00000	21.00000	0.00000	-2.4085	-0.29856	2.3450
				29.00000	21.00000	0.00000	-2.1230	-0.23583	2.0515
				30.00000	21.00000	0.00000	-1.8258	-0.18370	1.7889
				-40.00000	22.00000	0.00000	0.0	0.0	0.0
				-39.00000	22.00000	0.00000	0.0	0.0	0.0
				-38.00000	22.00000	0.00000	0.0	0.0	0.0
				-37.00000	22.00000	0.00000	0.0	0.0	0.0
				-36.00000	22.00000	0.00000	0.0	0.0	0.0
				-35.00000	22.00000	0.00000	0.0	0.0	0.0
				-34.00000	22.00000	0.00000	0.0	0.0	0.0
				-33.00000	22.00000	0.00000	0.0	0.0	0.0
				-32.00000	22.00000	0.00000	0.0	0.0	0.0
				-31.00000	22.00000	0.00000	0.0	0.0	0.0
				-30.00000	22.00000	0.00000	0.0	0.0	0.0
				-29.00000	22.00000	0.00000	0.0	0.0	0.0
				-28.00000	22.00000	0.00000	0.0	0.0	0.096486
				-27.00000	22.00000	0.00000	0.0	0.0	0.21194
				-26.00000	22.00000	0.00000	0.0	0.0	0.46573
				-25.00000	22.00000	0.00000	0.0	0.0	0.77764
				-24.00000	22.00000	0.00000	0.0	0.0	1.0874
				-23.00000	22.00000	0.00000	0.0	0.0	1.3947
				-22.00000	22.00000	0.00000	0.12089	-0.031738	1.7198
				-21.00000	22.00000	0.00000	0.34850	-0.099447	2.0448
				-20.00000	22.00000	0.00000	0.94937	-0.17510	2.4098
				-19.00000	22.00000	0.00000	1.6961	-0.26020	2.7718
				-18.00000	22.00000	0.00000	2.4250	-0.35653	3.1483
				-17.00000	22.00000	0.00000	3.1338	-0.46626	3.5679
				-16.00000	22.00000	0.00000	3.8191	-0.59196	4.0485
				-15.00000	22.00000	0.00000	4.4764	-0.73666	4.5974
				-14.00000	22.00000	0.00000	5.0993	-0.90389	5.2114
				-13.00000	22.00000	0.00000	5.6802	-1.0976	5.8779
				-12.00000	22.00000	0.00000	6.2358	-1.3478	6.6209
				-11.00000	22.00000	0.00000	6.8096	-1.7119	7.5061
				-10.00000	22.00000	0.00000	7.3446	-2.1436	8.4150
				-9.00000	22.00000	0.00000	7.8373	-2.6429	9.3097
				-8.00000	22.00000	0.00000	8.2894	-3.1998	10.143
				-7.00000	22.00000	0.00000	8.7109	-3.7904	10.858
				-6.00000	22.00000	0.00000	9.1224	-4.3753	11.388
				-5.00000	22.00000	0.00000	9.7925	-6.7469	13.506
				-4.00000	22.00000	0.00000	10.575	-6.7469	13.320
				-3.00000	22.00000	0.00000	11.388	-6.7469	12.791
				-2.00000	22.00000	0.00000	Point lies within an excavation.		
				-1.00000	22.00000	0.00000	Point lies within an excavation.		
				0.00000	22.00000	0.00000	Point lies within an excavation.		
				1.00000	22.00000	0.00000	Point lies within an excavation.		
				2.00000	22.00000	0.00000	Point lies within an excavation.		
				3.00000	22.00000	0.00000	Point lies within an excavation.		
				4.00000	22.00000	0.00000	Point lies within an excavation.		
				5.00000	22.00000	0.00000	Point lies within an excavation.		
				6.00000	22.00000	0.00000	Point lies within an excavation.		
				7.00000	22.00000	0.00000	Point lies within an excavation.		
				8.00000	22.00000	0.00000	Point lies within an excavation.		
				9.00000	22.00000	0.00000	-7.5970	-8.6391	6.6857
				10.00000	22.00000	0.00000	-7.2386	-8.2315	7.1147
				11.00000	22.00000	0.00000	-6.8889	-7.8339	7.3779
				12.00000	22.00000	0.00000	-6.5477	-7.4458	7.4974
				13.00000	22.00000	0.00000	-6.2145	-6.164	14.931
				14.00000	22.00000	0.00000	-5.8891	-15.794	14.823



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	22.00000	0.00000	-5.5711	-15.432	14.630
				16.00000	22.00000	0.00000	0.0	-9.0968	7.4367
				17.00000	22.00000	0.00000	0.0	-9.0968	7.4367
				18.00000	22.00000	0.00000	-0.10784	-5.9126	4.9223
				19.00000	22.00000	0.00000	-0.95431	-4.3976	4.4209
				20.00000	22.00000	0.00000	-1.5993	-3.0948	3.9605
				21.00000	22.00000	0.00000	-2.0032	-2.1132	3.5530
				22.00000	22.00000	0.00000	-2.4124	-1.6160	3.5392
				23.00000	22.00000	0.00000	-2.6220	-1.2671	3.4510
				24.00000	22.00000	0.00000	-2.6761	-1.0038	3.2718
				25.00000	22.00000	0.00000	-2.6246	-0.80118	3.0317
				26.00000	22.00000	0.00000	-2.5006	-0.64194	2.7570
				27.00000	22.00000	0.00000	-2.3261	-0.51445	2.4700
				28.00000	22.00000	0.00000	-2.1159	-0.41063	2.1880
				29.00000	22.00000	0.00000	-1.8799	-0.32480	1.9241
				30.00000	22.00000	0.00000	-1.6248	-0.25286	1.6865
				-40.00000	23.00000	0.00000	0.0	0.0	0.0
				-39.00000	23.00000	0.00000	0.0	0.0	0.0
				-38.00000	23.00000	0.00000	0.0	0.0	0.0
				-37.00000	23.00000	0.00000	0.0	0.0	0.0
				-36.00000	23.00000	0.00000	0.0	0.0	0.0
				-35.00000	23.00000	0.00000	0.0	0.0	0.0
				-34.00000	23.00000	0.00000	0.0	0.0	0.0
				-33.00000	23.00000	0.00000	0.0	0.0	0.0
				-32.00000	23.00000	0.00000	0.0	0.0	0.0
				-31.00000	23.00000	0.00000	0.0	0.0	0.0
				-30.00000	23.00000	0.00000	0.0	0.0	0.0
				-29.00000	23.00000	0.00000	0.0	0.0	0.0
				-28.00000	23.00000	0.00000	0.0	0.0	0.058865
				-27.00000	23.00000	0.00000	0.0	0.0	0.17117
				-26.00000	23.00000	0.00000	0.0	0.0	0.42158
				-25.00000	23.00000	0.00000	0.0	0.0	0.72987
				-24.00000	23.00000	0.00000	0.0	0.0	1.0357
				-23.00000	23.00000	0.00000	0.0	0.0	1.3389
				-22.00000	23.00000	0.00000	0.017739	-0.0056199	1.6441
				-21.00000	23.00000	0.00000	0.22799	-0.078724	1.9693
				-20.00000	23.00000	0.00000	0.81022	-0.15978	2.3278
				-19.00000	23.00000	0.00000	1.5371	-0.25017	2.6772
				-18.00000	23.00000	0.00000	2.2450	-0.35150	3.0355
				-17.00000	23.00000	0.00000	2.9319	-0.46560	3.4321
				-16.00000	23.00000	0.00000	3.5953	-0.59460	3.8860
				-15.00000	23.00000	0.00000	4.2312	-0.74084	4.4056
				-14.00000	23.00000	0.00000	4.8351	-0.90687	4.9898
				-13.00000	23.00000	0.00000	5.4202	-1.1139	5.6603
				-12.00000	23.00000	0.00000	6.0194	-1.4029	6.4658
				-11.00000	23.00000	0.00000	6.5926	-1.7406	7.3210
				-10.00000	23.00000	0.00000	7.1375	-2.1275	8.1962
				-9.00000	23.00000	0.00000	7.6542	-2.5594	9.0530
				-8.00000	23.00000	0.00000	8.1468	-3.0248	9.8441
				-7.00000	23.00000	0.00000	8.6248	-3.5034	10.514
				-6.00000	23.00000	0.00000	9.1040	-3.9666	10.997
				-5.00000	23.00000	0.00000	9.7925	-6.0902	12.907
				-4.00000	23.00000	0.00000	10.575	-6.0902	12.721
				-3.00000	23.00000	0.00000	11.388	-6.0902	12.191
				-2.00000	23.00000	0.00000	Point lies within an excavation.		
				-1.00000	23.00000	0.00000	Point lies within an excavation.		
				0.00000	23.00000	0.00000	Point lies within an excavation.		
				1.00000	23.00000	0.00000	Point lies within an excavation.		
				2.00000	23.00000	0.00000	Point lies within an excavation.		
				3.00000	23.00000	0.00000	Point lies within an excavation.		
				4.00000	23.00000	0.00000	Point lies within an excavation.		
				5.00000	23.00000	0.00000	Point lies within an excavation.		
				6.00000	23.00000	0.00000	Point lies within an excavation.		
				7.00000	23.00000	0.00000	Point lies within an excavation.		
				8.00000	23.00000	0.00000	-7.5473	-8.5825	6.7552
				9.00000	23.00000	0.00000	-7.1901	-8.1764	7.1601
				10.00000	23.00000	0.00000	-6.8416	-7.7801	7.4023
				11.00000	23.00000	0.00000	-6.5015	-7.3933	7.5038
				12.00000	23.00000	0.00000	-6.1694	-7.0157	7.4849
				13.00000	23.00000	0.00000	-5.8450	-15.012	14.524
				14.00000	23.00000	0.00000	-5.5280	-14.652	14.320



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	23.00000	0.00000	-5.2180	-14.299	14.050
				16.00000	23.00000	0.00000	-4.9146	-13.954	13.728
				17.00000	23.00000	0.00000	0.0	-8.3656	7.1587
				18.00000	23.00000	0.00000	-0.075690	-5.4770	4.7519
				19.00000	23.00000	0.00000	-0.68216	-4.3888	4.3608
				20.00000	23.00000	0.00000	-1.1866	-3.3715	3.9607
				21.00000	23.00000	0.00000	-1.5481	-2.5175	3.5732
				22.00000	23.00000	0.00000	-1.7708	-1.8443	3.2041
				23.00000	23.00000	0.00000	-2.0183	-1.4695	3.1015
				24.00000	23.00000	0.00000	-2.1428	-1.1860	2.9535
				25.00000	23.00000	0.00000	-2.1617	-0.95899	2.7504
				26.00000	23.00000	0.00000	-2.1026	-0.77541	2.5143
				27.00000	23.00000	0.00000	-1.9861	-0.62517	2.2648
				28.00000	23.00000	0.00000	-1.8267	-0.50075	2.0176
				29.00000	23.00000	0.00000	-1.6350	-0.39653	1.7848
				30.00000	23.00000	0.00000	-1.4186	-0.30826	1.5739
				-40.00000	24.00000	0.00000	0.0	0.0	0.0
				-39.00000	24.00000	0.00000	0.0	0.0	0.0
				-38.00000	24.00000	0.00000	0.0	0.0	0.0
				-37.00000	24.00000	0.00000	0.0	0.0	0.0
				-36.00000	24.00000	0.00000	0.0	0.0	0.0
				-35.00000	24.00000	0.00000	0.0	0.0	0.0
				-34.00000	24.00000	0.00000	0.0	0.0	0.0
				-33.00000	24.00000	0.00000	0.0	0.0	0.0
				-32.00000	24.00000	0.00000	0.0	0.0	0.0
				-31.00000	24.00000	0.00000	0.0	0.0	0.0
				-30.00000	24.00000	0.00000	0.0	0.0	0.0
				-29.00000	24.00000	0.00000	0.0	0.0	0.0
				-28.00000	24.00000	0.00000	0.0	0.0	0.017818
				-27.00000	24.00000	0.00000	0.0	0.0	0.12699
				-26.00000	24.00000	0.00000	0.0	0.0	0.32557
				-25.00000	24.00000	0.00000	0.0	0.0	0.56285
				-24.00000	24.00000	0.00000	0.0	0.0	0.79734
				-23.00000	24.00000	0.00000	0.0	0.0	1.0287
				-22.00000	24.00000	0.00000	0.0	0.0	1.2564
				-21.00000	24.00000	0.00000	0.11112	-0.045588	1.5009
				-20.00000	24.00000	0.00000	0.53552	-0.13527	1.8398
				-19.00000	24.00000	0.00000	1.0498	-0.23679	2.2976
				-18.00000	24.00000	0.00000	1.5419	-0.34963	2.7566
				-17.00000	24.00000	0.00000	2.0093	-0.47556	3.2385
				-16.00000	24.00000	0.00000	2.4488	-0.61652	3.7567
				-15.00000	24.00000	0.00000	2.8563	-0.77464	4.3169
				-14.00000	24.00000	0.00000	3.4306	-0.96540	4.9683
				-13.00000	24.00000	0.00000	4.3657	-1.2192	5.7426
				-12.00000	24.00000	0.00000	5.2725	-1.5137	6.5562
				-11.00000	24.00000	0.00000	6.1479	-1.8514	7.4209
				-10.00000	24.00000	0.00000	6.9884	-2.2329	8.3346
				-9.00000	24.00000	0.00000	7.7898	-2.6566	9.2818
				-8.00000	24.00000	0.00000	8.5454	-3.1188	10.233
				-7.00000	24.00000	0.00000	9.2405	-3.6170	11.143
				-6.00000	24.00000	0.00000	9.8362	-4.1603	11.952
				-5.00000	24.00000	0.00000	10.362	-6.3653	14.074
				-4.00000	24.00000	0.00000	10.261	-7.0926	14.284
				-3.00000	24.00000	0.00000	8.0992	-10.444	14.858
				-2.00000	24.00000	0.00000	7.3551	-11.059	13.553
				-1.00000	24.00000	0.00000	8.0518	-11.059	14.034
				0.00000	24.00000	0.00000	8.7720	-11.059	14.387
				1.00000	24.00000	0.00000	9.5175	-11.059	14.554
				2.00000	24.00000	0.00000	10.290	-11.059	14.473
				3.00000	24.00000	0.00000	11.092	-11.059	14.077
				4.00000	24.00000	0.00000	Point lies within an excavation.		
				5.00000	24.00000	0.00000	Point lies within an excavation.		
				6.00000	24.00000	0.00000	Point lies within an excavation.		
				7.00000	24.00000	0.00000	Point lies within an excavation.		
				8.00000	24.00000	0.00000	-18.185	-8.1214	14.263
				9.00000	24.00000	0.00000	-17.038	-7.7265	14.861
				10.00000	24.00000	0.00000	-15.928	-7.3410	15.008
				11.00000	24.00000	0.00000	-14.853	-6.9646	14.794
				12.00000	24.00000	0.00000	-13.810	-6.5969	14.300
				13.00000	24.00000	0.00000	-12.799	-13.896	20.327
				14.00000	24.00000	0.00000	-11.816	-13.545	19.483



Braemar Avenue
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Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	24.00000	0.00000	-10.860	-13.201	18.552
				16.00000	24.00000	0.00000	-9.9287	-12.864	17.582
				17.00000	24.00000	0.00000	-9.0195	-12.534	16.613
				18.00000	24.00000	0.00000	-4.1838	-5.0367	8.0489
				19.00000	24.00000	0.00000	-4.0459	-4.2199	7.2576
				20.00000	24.00000	0.00000	-3.8610	-3.4188	6.4998
				21.00000	24.00000	0.00000	-3.5965	-2.6994	5.7954
				22.00000	24.00000	0.00000	-3.2429	-2.0910	5.1492
				23.00000	24.00000	0.00000	-2.8064	-1.5952	4.5539
				24.00000	24.00000	0.00000	-2.3984	-1.2991	4.1680
				25.00000	24.00000	0.00000	-1.9097	-1.0639	3.7483
				26.00000	24.00000	0.00000	-1.7397	-0.86807	3.3238
				27.00000	24.00000	0.00000	-1.6678	-0.70404	2.9101
				28.00000	24.00000	0.00000	-1.5500	-0.56570	2.4972
				29.00000	24.00000	0.00000	-1.3962	-0.44808	2.0955
				30.00000	24.00000	0.00000	-1.2139	-0.34725	1.7118
				-40.00000	25.00000	0.00000	0.0	0.0	0.0
				-39.00000	25.00000	0.00000	0.0	0.0	0.0
				-38.00000	25.00000	0.00000	0.0	0.0	0.0
				-37.00000	25.00000	0.00000	0.0	0.0	0.0
				-36.00000	25.00000	0.00000	0.0	0.0	0.0
				-35.00000	25.00000	0.00000	0.0	0.0	0.0
				-34.00000	25.00000	0.00000	0.0	0.0	0.0
				-33.00000	25.00000	0.00000	0.0	0.0	0.0
				-32.00000	25.00000	0.00000	0.0	0.0	0.0
				-31.00000	25.00000	0.00000	0.0	0.0	0.0
				-30.00000	25.00000	0.00000	0.0	0.0	0.0
				-29.00000	25.00000	0.00000	0.0	0.0	0.0
				-28.00000	25.00000	0.00000	0.0	0.0	0.0
				-27.00000	25.00000	0.00000	0.0	0.0	0.079775
				-26.00000	25.00000	0.00000	0.0	0.0	0.26709
				-25.00000	25.00000	0.00000	0.0	0.0	0.49864
				-24.00000	25.00000	0.00000	0.0	0.0	0.72699
				-23.00000	25.00000	0.00000	0.0	0.0	0.95175
				-22.00000	25.00000	0.00000	0.0	0.0	1.1724
				-21.00000	25.00000	0.00000	0.0	0.0	1.3885
				-20.00000	25.00000	0.00000	0.37517	-0.097450	1.7019
				-19.00000	25.00000	0.00000	0.85567	-0.21148	2.0841
				-18.00000	25.00000	0.00000	1.3113	-0.33739	2.4594
				-17.00000	25.00000	0.00000	1.7396	-0.47690	2.8500
				-16.00000	25.00000	0.00000	2.1371	-0.63194	3.2701
				-15.00000	25.00000	0.00000	2.5087	-0.81366	3.7432
				-14.00000	25.00000	0.00000	2.9959	-1.0452	4.3218
				-13.00000	25.00000	0.00000	3.6913	-1.3140	4.9626
				-12.00000	25.00000	0.00000	4.3500	-1.6218	5.6372
				-11.00000	25.00000	0.00000	4.9658	-1.9717	6.3474
				-10.00000	25.00000	0.00000	5.5302	-2.3660	7.0841
				-9.00000	25.00000	0.00000	6.0301	-2.8075	7.8266
				-8.00000	25.00000	0.00000	6.4441	-3.3012	8.5427
				-7.00000	25.00000	0.00000	6.7321	-3.8603	9.1875
				-6.00000	25.00000	0.00000	6.8133	-4.5185	9.7019
				-5.00000	25.00000	0.00000	6.6305	-6.7676	11.335
				-4.00000	25.00000	0.00000	6.0125	-8.0622	11.713
				-3.00000	25.00000	0.00000	4.9365	-10.797	12.847
				-2.00000	25.00000	0.00000	4.7874	-10.341	11.739
				-1.00000	25.00000	0.00000	5.2080	-10.369	12.046
				0.00000	25.00000	0.00000	5.6186	-10.411	12.261
				1.00000	25.00000	0.00000	5.9912	-10.486	12.338
				2.00000	25.00000	0.00000	6.2289	-10.651	12.216
				3.00000	25.00000	0.00000	5.6738	-11.295	11.703
				4.00000	25.00000	0.00000	0.0	-11.471	6.7171
				5.00000	25.00000	0.00000	0.0	-11.471	6.7171
				6.00000	25.00000	0.00000	0.0	-11.471	6.7171
				7.00000	25.00000	0.00000	0.0	-11.471	6.7171
				8.00000	25.00000	0.00000	-5.7870	-0.95047	4.3259
				9.00000	25.00000	0.00000	-12.633	-7.6659	12.308
				10.00000	25.00000	0.00000	-12.051	-7.1348	12.367
				11.00000	25.00000	0.00000	-11.352	-6.6962	12.135
				12.00000	25.00000	0.00000	-10.625	-6.2967	11.691
				13.00000	25.00000	0.00000	-9.8963	-12.894	17.289
				14.00000	25.00000	0.00000	-9.1747	-12.533	16.587



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517419		
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	25.00000	0.00000	-8.4644	-12.184	15.824
				16.00000	25.00000	0.00000	-7.7667	-11.844	15.035
				17.00000	25.00000	0.00000	-7.0817	-11.513	14.249
				18.00000	25.00000	0.00000	-2.7665	-4.6251	6.5049
				19.00000	25.00000	0.00000	-2.7280	-3.9891	5.9373
				20.00000	25.00000	0.00000	-2.6595	-3.3463	5.3735
				21.00000	25.00000	0.00000	-2.5378	-2.7427	4.8306
				22.00000	25.00000	0.00000	-2.3522	-2.2059	4.3174
				23.00000	25.00000	0.00000	-2.1022	-1.7464	3.8341
				24.00000	25.00000	0.00000	-1.7931	-1.3628	3.3740
				25.00000	25.00000	0.00000	-1.5041	-1.1194	3.0485
				26.00000	25.00000	0.00000	-1.4174	-0.92033	2.7308
				27.00000	25.00000	0.00000	-1.3779	-0.75023	2.4172
				28.00000	25.00000	0.00000	-1.2923	-0.60404	2.1034
				29.00000	25.00000	0.00000	-1.1693	-0.47781	1.7983
				30.00000	25.00000	0.00000	-1.0159	-0.36819	1.5073
				-40.00000	26.00000	0.00000	0.0	0.0	0.0
				-39.00000	26.00000	0.00000	0.0	0.0	0.0
				-38.00000	26.00000	0.00000	0.0	0.0	0.0
				-37.00000	26.00000	0.00000	0.0	0.0	0.0
				-36.00000	26.00000	0.00000	0.0	0.0	0.0
				-35.00000	26.00000	0.00000	0.0	0.0	0.0
				-34.00000	26.00000	0.00000	0.0	0.0	0.0
				-33.00000	26.00000	0.00000	0.0	0.0	0.0
				-32.00000	26.00000	0.00000	0.0	0.0	0.0
				-31.00000	26.00000	0.00000	0.0	0.0	0.0
				-30.00000	26.00000	0.00000	0.0	0.0	0.0
				-29.00000	26.00000	0.00000	0.0	0.0	0.0
				-28.00000	26.00000	0.00000	0.0	0.0	0.0
				-27.00000	26.00000	0.00000	0.0	0.0	0.029859
				-26.00000	26.00000	0.00000	0.0	0.0	0.20072
				-25.00000	26.00000	0.00000	0.0	0.0	0.42647
				-24.00000	26.00000	0.00000	0.0	0.0	0.64864
				-23.00000	26.00000	0.00000	0.0	0.0	0.86680
				-22.00000	26.00000	0.00000	0.0	0.0	1.0805
				-21.00000	26.00000	0.00000	0.0	0.0	1.2890
				-20.00000	26.00000	0.00000	0.20777	-0.042635	1.5677
				-19.00000	26.00000	0.00000	0.65679	-0.16718	1.9442
				-18.00000	26.00000	0.00000	1.0788	-0.30383	2.3041
				-17.00000	26.00000	0.00000	1.4711	-0.45428	2.6703
				-16.00000	26.00000	0.00000	1.8361	-0.62610	3.0704
				-15.00000	26.00000	0.00000	2.1836	-0.83553	3.5373
				-14.00000	26.00000	0.00000	2.6060	-1.0793	4.0648
				-13.00000	26.00000	0.00000	3.2324	-1.3661	4.6478
				-12.00000	26.00000	0.00000	3.8135	-1.6915	5.2557
				-11.00000	26.00000	0.00000	4.3406	-2.0589	5.8905
				-10.00000	26.00000	0.00000	4.8014	-2.4723	6.5437
				-9.00000	26.00000	0.00000	5.1777	-2.9373	7.1957
				-8.00000	26.00000	0.00000	5.4412	-3.4629	7.8167
				-7.00000	26.00000	0.00000	5.5453	-4.0661	8.3667
				-6.00000	26.00000	0.00000	5.4134	-4.7779	8.7962
				-5.00000	26.00000	0.00000	5.1716	-7.0493	10.465
				-4.00000	26.00000	0.00000	4.8242	-8.5024	11.299
				-3.00000	26.00000	0.00000	4.1318	-10.386	12.214
				-2.00000	26.00000	0.00000	4.0582	-9.9706	11.523
				-1.00000	26.00000	0.00000	4.2520	-10.125	11.760
				0.00000	26.00000	0.00000	4.3210	-10.358	11.881
				1.00000	26.00000	0.00000	4.1334	-10.745	11.828
				2.00000	26.00000	0.00000	3.3484	-11.477	11.504
				3.00000	26.00000	0.00000	1.6838	-13.707	11.623
				4.00000	26.00000	0.00000	0.0	-10.655	7.2850
				5.00000	26.00000	0.00000	0.0	-10.655	7.2850
				6.00000	26.00000	0.00000	0.0	-10.655	7.2850
				7.00000	26.00000	0.00000	0.0	-10.655	7.2850
				8.00000	26.00000	0.00000	-1.8056	-3.9991	4.0668
				9.00000	26.00000	0.00000	-3.4248	-1.9291	4.0326
				10.00000	26.00000	0.00000	-9.8700	-7.7250	11.626
				11.00000	26.00000	0.00000	-9.7218	-6.9935	11.434
				12.00000	26.00000	0.00000	-9.3355	-6.4172	11.011
				13.00000	26.00000	0.00000	-8.8357	-12.236	16.036
				14.00000	26.00000	0.00000	-8.2783	-11.795	15.351



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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	26.00000	0.00000	-7.6910	-11.388	14.608
				16.00000	26.00000	0.00000	-7.0888	-11.006	13.843
				17.00000	26.00000	0.00000	-6.4801	-10.642	13.086
				18.00000	26.00000	0.00000	-5.9031	-8.1545	10.489
				19.00000	26.00000	0.00000	-2.4606	-3.7897	5.5232
				20.00000	26.00000	0.00000	-2.3672	-3.2496	5.0224
				21.00000	26.00000	0.00000	-2.2330	-2.7285	4.5346
				22.00000	26.00000	0.00000	-2.0492	-2.2487	4.0683
				23.00000	26.00000	0.00000	-1.8132	-1.8223	3.6247
				24.00000	26.00000	0.00000	-1.5269	-1.4529	3.1985
				25.00000	26.00000	0.00000	-1.1947	-1.1388	2.7780
				26.00000	26.00000	0.00000	-1.1369	-0.93484	2.4829
				27.00000	26.00000	0.00000	-1.1190	-0.76475	2.2032
				28.00000	26.00000	0.00000	-1.0572	-0.61584	1.9225
				29.00000	26.00000	0.00000	-0.95838	-0.48523	1.6480
				30.00000	26.00000	0.00000	-0.82860	-0.37028	1.3837
				-40.00000	27.00000	0.00000	0.0	0.0	0.0
				-39.00000	27.00000	0.00000	0.0	0.0	0.0
				-38.00000	27.00000	0.00000	0.0	0.0	0.0
				-37.00000	27.00000	0.00000	0.0	0.0	0.0
				-36.00000	27.00000	0.00000	0.0	0.0	0.0
				-35.00000	27.00000	0.00000	0.0	0.0	0.0
				-34.00000	27.00000	0.00000	0.0	0.0	0.0
				-33.00000	27.00000	0.00000	0.0	0.0	0.0
				-32.00000	27.00000	0.00000	0.0	0.0	0.0
				-31.00000	27.00000	0.00000	0.0	0.0	0.0
				-30.00000	27.00000	0.00000	0.0	0.0	0.0
				-29.00000	27.00000	0.00000	0.0	0.0	0.0
				-28.00000	27.00000	0.00000	0.0	0.0	0.0
				-27.00000	27.00000	0.00000	0.0	0.0	0.0
				-26.00000	27.00000	0.00000	0.0	0.0	0.12709
				-25.00000	27.00000	0.00000	0.0	0.0	0.34702
				-24.00000	27.00000	0.00000	0.0	0.0	0.56302
				-23.00000	27.00000	0.00000	0.0	0.0	0.77463
				-22.00000	27.00000	0.00000	0.0	0.0	0.98134
				-21.00000	27.00000	0.00000	0.0	0.0	1.1825
				-20.00000	27.00000	0.00000	0.096431	-0.011604	1.4245
				-19.00000	27.00000	0.00000	0.45729	-0.10261	1.7871
				-18.00000	27.00000	0.00000	0.84869	-0.24773	2.1369
				-17.00000	27.00000	0.00000	1.2116	-0.40946	2.4924
				-16.00000	27.00000	0.00000	1.5519	-0.59897	2.8882
				-15.00000	27.00000	0.00000	1.8621	-0.81472	3.3153
				-14.00000	27.00000	0.00000	2.2068	-1.0639	3.7895
				-13.00000	27.00000	0.00000	2.7692	-1.3632	4.3159
				-12.00000	27.00000	0.00000	3.2792	-1.6999	4.8576
				-11.00000	27.00000	0.00000	3.7269	-2.0776	5.4179
				-10.00000	27.00000	0.00000	4.0984	-2.5009	5.9898
				-9.00000	27.00000	0.00000	4.3744	-2.9757	6.5569
				-8.00000	27.00000	0.00000	4.5268	-3.5108	7.0934
				-7.00000	27.00000	0.00000	4.5160	-4.1194	7.5666
				-6.00000	27.00000	0.00000	4.3850	-4.9164	8.1082
				-5.00000	27.00000	0.00000	4.2649	-7.1236	9.8880
				-4.00000	27.00000	0.00000	3.9553	-8.3476	10.639
				-3.00000	27.00000	0.00000	3.4441	-9.7585	11.389
				-2.00000	27.00000	0.00000	3.3373	-9.5775	11.029
				-1.00000	27.00000	0.00000	3.3451	-9.8245	11.210
				0.00000	27.00000	0.00000	3.1700	-10.178	11.273
				1.00000	27.00000	0.00000	2.6816	-10.706	11.171
				2.00000	27.00000	0.00000	1.9433	-11.806	11.300
				3.00000	27.00000	0.00000	0.90871	-13.779	11.882
				4.00000	27.00000	0.00000	0.0	-9.8695	7.5018
				5.00000	27.00000	0.00000	0.0	-9.8695	7.5018
				6.00000	27.00000	0.00000	0.0	-9.8695	7.5018
				7.00000	27.00000	0.00000	0.0	-9.8695	7.5018
				8.00000	27.00000	0.00000	-0.98473	-4.8990	4.5161
				9.00000	27.00000	0.00000	-1.9891	-2.9679	3.9450
				10.00000	27.00000	0.00000	-2.7233	-1.9247	3.8571
				11.00000	27.00000	0.00000	-8.2384	-7.1533	10.668
				12.00000	27.00000	0.00000	-8.0998	-6.4671	10.252
				13.00000	27.00000	0.00000	-7.7900	-11.558	14.688
				14.00000	27.00000	0.00000	-7.3791	-11.054	14.032



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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	27.00000	0.00000	-6.9066	-10.599	13.323
				16.00000	27.00000	0.00000	-6.3962	-10.180	12.598
				17.00000	27.00000	0.00000	-5.8622	-9.7869	11.883
				18.00000	27.00000	0.00000	-5.3399	-7.5002	9.5365
				19.00000	27.00000	0.00000	-4.9980	-6.7501	8.7438
				20.00000	27.00000	0.00000	-2.0884	-3.0960	4.6244
				21.00000	27.00000	0.00000	-1.9495	-2.6414	4.1932
				22.00000	27.00000	0.00000	-1.7690	-2.2128	3.7773
				23.00000	27.00000	0.00000	-1.5445	-1.8212	3.3780
				24.00000	27.00000	0.00000	-1.2762	-1.4721	2.9902
				25.00000	27.00000	0.00000	-0.9653	-1.1666	2.6024
				26.00000	27.00000	0.00000	-0.90127	-0.92024	2.2533
				27.00000	27.00000	0.00000	-0.89184	-0.74978	1.9962
				28.00000	27.00000	0.00000	-0.84640	-0.60218	1.7459
				29.00000	27.00000	0.00000	-0.76565	-0.47070	1.4993
				30.00000	27.00000	0.00000	-0.65449	-0.35342	1.2593
				-40.00000	28.00000	0.00000	0.0	0.0	0.0
				-39.00000	28.00000	0.00000	0.0	0.0	0.0
				-38.00000	28.00000	0.00000	0.0	0.0	0.0
				-37.00000	28.00000	0.00000	0.0	0.0	0.0
				-36.00000	28.00000	0.00000	0.0	0.0	0.0
				-35.00000	28.00000	0.00000	0.0	0.0	0.0
				-34.00000	28.00000	0.00000	0.0	0.0	0.0
				-33.00000	28.00000	0.00000	0.0	0.0	0.0
				-32.00000	28.00000	0.00000	0.0	0.0	0.0
				-31.00000	28.00000	0.00000	0.0	0.0	0.0
				-30.00000	28.00000	0.00000	0.0	0.0	0.0
				-29.00000	28.00000	0.00000	0.0	0.0	0.0
				-28.00000	28.00000	0.00000	0.0	0.0	0.0
				-27.00000	28.00000	0.00000	0.0	0.0	0.0
				-26.00000	28.00000	0.00000	0.0	0.0	0.046808
				-25.00000	28.00000	0.00000	0.0	0.0	0.26096
				-24.00000	28.00000	0.00000	0.0	0.0	0.47086
				-23.00000	28.00000	0.00000	0.0	0.0	0.67603
				-22.00000	28.00000	0.00000	0.0	0.0	0.87593
				-21.00000	28.00000	0.00000	0.0	0.0	1.0700
				-20.00000	28.00000	0.00000	0.022734	-0.0036347	1.2792
				-19.00000	28.00000	0.00000	0.29845	-0.051299	1.6184
				-18.00000	28.00000	0.00000	0.62538	-0.16886	1.9622
				-17.00000	28.00000	0.00000	0.96347	-0.34024	2.3218
				-16.00000	28.00000	0.00000	1.2729	-0.53385	2.6917
				-15.00000	28.00000	0.00000	1.5499	-0.75184	3.0823
				-14.00000	28.00000	0.00000	1.8080	-0.99824	3.5033
				-13.00000	28.00000	0.00000	2.3129	-1.3046	3.9773
				-12.00000	28.00000	0.00000	2.7607	-1.6462	4.4567
				-11.00000	28.00000	0.00000	3.1411	-2.0267	4.9464
				-10.00000	28.00000	0.00000	3.4406	-2.4499	5.4424
				-9.00000	28.00000	0.00000	3.6413	-2.9210	5.9314
				-8.00000	28.00000	0.00000	3.7200	-3.4462	6.3932
				-7.00000	28.00000	0.00000	3.7136	-4.0989	6.9195
				-6.00000	28.00000	0.00000	3.6649	-4.9617	7.6143
				-5.00000	28.00000	0.00000	3.5273	-6.8786	9.1880
				-4.00000	28.00000	0.00000	3.2524	-7.9076	9.8449
				-3.00000	28.00000	0.00000	2.8321	-9.0299	10.463
				-2.00000	28.00000	0.00000	2.6791	-9.1349	10.338
				-1.00000	28.00000	0.00000	2.5628	-9.4332	10.480
				0.00000	28.00000	0.00000	2.2606	-9.8323	10.516
				1.00000	28.00000	0.00000	1.8561	-10.539	10.700
				2.00000	28.00000	0.00000	1.3423	-11.673	11.132
				3.00000	28.00000	0.00000	0.58668	-13.109	11.617
				4.00000	28.00000	0.00000	0.0	-9.1117	7.4403
				5.00000	28.00000	0.00000	0.0	-9.1117	7.4403
				6.00000	28.00000	0.00000	0.0	-9.1117	7.4403
				7.00000	28.00000	0.00000	0.0	-9.1117	7.4403
				8.00000	28.00000	0.00000	-0.63770	-4.9936	4.6193
				9.00000	28.00000	0.00000	-1.3802	-3.5717	4.1365
				10.00000	28.00000	0.00000	-1.8792	-2.4576	3.7085
				11.00000	28.00000	0.00000	-2.2854	-1.7813	3.5496
				12.00000	28.00000	0.00000	-6.9918	-6.4127	9.4550
				13.00000	28.00000	0.00000	-6.8120	-10.833	13.313
				14.00000	28.00000	0.00000	-6.5146	-10.289	12.690



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Job No.	Sheet No.	Rev.
517419		
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	28.00000	0.00000	-6.1383	-9.8001	12.026
				16.00000	28.00000	0.00000	-5.7088	-9.3526	11.350
				17.00000	28.00000	0.00000	-5.2430	-8.9366	10.689
				18.00000	28.00000	0.00000	-4.7729	-6.8467	8.5976
				19.00000	28.00000	0.00000	-4.4359	-6.1591	7.8916
				20.00000	28.00000	0.00000	-4.0746	-5.4637	7.2084
				21.00000	28.00000	0.00000	-1.6820	-2.4995	3.8306
				22.00000	28.00000	0.00000	-1.5068	-2.1155	3.4657
				23.00000	28.00000	0.00000	-1.2926	-1.7575	3.1117
				24.00000	28.00000	0.00000	-1.0394	-1.4311	2.7632
				25.00000	28.00000	0.00000	-0.74887	-1.1390	2.4065
				26.00000	28.00000	0.00000	-0.73695	-0.91024	2.0989
				27.00000	28.00000	0.00000	-0.69834	-0.71142	1.8060
				28.00000	28.00000	0.00000	-0.66004	-0.56478	1.5766
				29.00000	28.00000	0.00000	-0.59212	-0.43520	1.3547
				30.00000	28.00000	0.00000	-0.49510	-0.31806	1.1354
				-40.00000	29.00000	0.00000	0.0	0.0	0.0
				-39.00000	29.00000	0.00000	0.0	0.0	0.0
				-38.00000	29.00000	0.00000	0.0	0.0	0.0
				-37.00000	29.00000	0.00000	0.0	0.0	0.0
				-36.00000	29.00000	0.00000	0.0	0.0	0.0
				-35.00000	29.00000	0.00000	0.0	0.0	0.0
				-34.00000	29.00000	0.00000	0.0	0.0	0.0
				-33.00000	29.00000	0.00000	0.0	0.0	0.0
				-32.00000	29.00000	0.00000	0.0	0.0	0.0
				-31.00000	29.00000	0.00000	0.0	0.0	0.0
				-30.00000	29.00000	0.00000	0.0	0.0	0.0
				-29.00000	29.00000	0.00000	0.0	0.0	0.0
				-28.00000	29.00000	0.00000	0.0	0.0	0.0
				-27.00000	29.00000	0.00000	0.0	0.0	0.0
				-26.00000	29.00000	0.00000	0.0	0.0	0.0015971
				-25.00000	29.00000	0.00000	0.0	0.0	0.16893
				-24.00000	29.00000	0.00000	0.0	0.0	0.37284
				-23.00000	29.00000	0.00000	0.0	0.0	0.57171
				-22.00000	29.00000	0.00000	0.0	0.0	0.76502
				-21.00000	29.00000	0.00000	0.0	0.0	0.95215
				-20.00000	29.00000	0.00000	0.0	0.0	1.1324
				-19.00000	29.00000	0.00000	0.19920	-0.043521	1.4595
				-18.00000	29.00000	0.00000	0.44385	-0.10512	1.7890
				-17.00000	29.00000	0.00000	0.72077	-0.23699	2.1304
				-16.00000	29.00000	0.00000	1.0031	-0.43137	2.4803
				-15.00000	29.00000	0.00000	1.2517	-0.64796	2.8401
				-14.00000	29.00000	0.00000	1.4620	-0.88855	3.2153
				-13.00000	29.00000	0.00000	1.8727	-1.1906	3.6386
				-12.00000	29.00000	0.00000	2.2679	-1.5313	4.0622
				-11.00000	29.00000	0.00000	2.5938	-1.9073	4.4880
				-10.00000	29.00000	0.00000	2.8383	-2.3218	4.9148
				-9.00000	29.00000	0.00000	2.9866	-2.7780	5.3336
				-8.00000	29.00000	0.00000	3.0675	-3.3262	5.8118
				-7.00000	29.00000	0.00000	3.1130	-4.0203	6.4219
				-6.00000	29.00000	0.00000	3.0499	-4.8057	7.0452
				-5.00000	29.00000	0.00000	2.9104	-6.4294	8.4219
				-4.00000	29.00000	0.00000	2.6621	-7.3039	8.9866
				-3.00000	29.00000	0.00000	2.2960	-8.2298	9.4979
				-2.00000	29.00000	0.00000	2.1110	-8.6331	9.5184
				-1.00000	29.00000	0.00000	1.9272	-8.9479	9.6336
				0.00000	29.00000	0.00000	1.6921	-9.4538	9.8542
				1.00000	29.00000	0.00000	1.4075	-10.211	10.232
				2.00000	29.00000	0.00000	0.97692	-11.150	10.628
				3.00000	29.00000	0.00000	0.41393	-12.222	11.029
				4.00000	29.00000	0.00000	0.0	-8.3800	7.1660
				5.00000	29.00000	0.00000	0.0	-8.3800	7.1660
				6.00000	29.00000	0.00000	0.0	-8.3800	7.1660
				7.00000	29.00000	0.00000	0.0	-8.3800	7.1660
				8.00000	29.00000	0.00000	-0.45050	-4.8283	4.5237
				9.00000	29.00000	0.00000	-1.0069	-3.7609	4.1219
				10.00000	29.00000	0.00000	-1.4286	-2.8324	3.7271
				11.00000	29.00000	0.00000	-1.7049	-2.0864	3.3502
				12.00000	29.00000	0.00000	-1.9423	-1.5991	3.1471
				13.00000	29.00000	0.00000	-5.9283	-10.050	11.961
				14.00000	29.00000	0.00000	-5.7087	-9.4890	11.377



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517419		
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	29.00000	0.00000	-5.4058	-8.9814	10.762
				16.00000	29.00000	0.00000	-5.0424	-8.5159	10.143
				17.00000	29.00000	0.00000	-4.6350	-8.0836	9.5427
				18.00000	29.00000	0.00000	-4.2118	-6.1882	7.7006
				19.00000	29.00000	0.00000	-3.8842	-5.5507	7.0800
				20.00000	29.00000	0.00000	-3.5298	-4.9066	6.4833
				21.00000	29.00000	0.00000	-3.1456	-4.2666	5.9180
				22.00000	29.00000	0.00000	-1.2598	-1.9689	3.1509
				23.00000	29.00000	0.00000	-1.0555	-1.6422	2.8407
				24.00000	29.00000	0.00000	-0.81529	-1.3391	2.5298
				25.00000	29.00000	0.00000	-0.60201	-1.0711	2.2147
				26.00000	29.00000	0.00000	-0.59079	-0.85965	1.9386
				27.00000	29.00000	0.00000	-0.55594	-0.67212	1.6736
				28.00000	29.00000	0.00000	-0.49938	-0.50781	1.4207
				29.00000	29.00000	0.00000	-0.43781	-0.38005	1.2149
				30.00000	29.00000	0.00000	-0.35105	-0.26503	1.0120
				-40.00000	30.00000	0.00000	0.0	0.0	0.0
				-39.00000	30.00000	0.00000	0.0	0.0	0.0
				-38.00000	30.00000	0.00000	0.0	0.0	0.0
				-37.00000	30.00000	0.00000	0.0	0.0	0.0
				-36.00000	30.00000	0.00000	0.0	0.0	0.0
				-35.00000	30.00000	0.00000	0.0	0.0	0.0
				-34.00000	30.00000	0.00000	0.0	0.0	0.0
				-33.00000	30.00000	0.00000	0.0	0.0	0.0
				-32.00000	30.00000	0.00000	0.0	0.0	0.0
				-31.00000	30.00000	0.00000	0.0	0.0	0.0
				-30.00000	30.00000	0.00000	0.0	0.0	0.0
				-29.00000	30.00000	0.00000	0.0	0.0	0.0
				-28.00000	30.00000	0.00000	0.0	0.0	0.0
				-27.00000	30.00000	0.00000	0.0	0.0	0.0
				-26.00000	30.00000	0.00000	0.0	0.0	0.0
				-25.00000	30.00000	0.00000	0.0	0.0	0.086805
				-24.00000	30.00000	0.00000	0.0	0.0	0.26959
				-23.00000	30.00000	0.00000	0.0	0.0	0.46237
				-22.00000	30.00000	0.00000	0.0	0.0	0.64933
				-21.00000	30.00000	0.00000	0.0	0.0	0.82984
				-20.00000	30.00000	0.00000	0.0	0.0	1.0065
				-19.00000	30.00000	0.00000	0.097128	-0.026129	1.2970
				-18.00000	30.00000	0.00000	0.32278	-0.094390	1.6182
				-17.00000	30.00000	0.00000	0.53282	-0.17056	1.9290
				-16.00000	30.00000	0.00000	0.74579	-0.29253	2.2498
				-15.00000	30.00000	0.00000	0.97073	-0.50459	2.5864
				-14.00000	30.00000	0.00000	1.1572	-0.73778	2.9283
				-13.00000	30.00000	0.00000	1.4549	-1.0227	3.3011
				-12.00000	30.00000	0.00000	1.8074	-1.3570	3.6779
				-11.00000	30.00000	0.00000	2.0910	-1.7226	4.0484
				-10.00000	30.00000	0.00000	2.2956	-2.1212	4.4145
				-9.00000	30.00000	0.00000	2.4433	-2.5883	4.8299
				-8.00000	30.00000	0.00000	2.5578	-3.1612	5.3489
				-7.00000	30.00000	0.00000	2.5867	-3.7997	5.8888
				-6.00000	30.00000	0.00000	2.5216	-4.5014	6.4349
				-5.00000	30.00000	0.00000	2.3875	-5.8416	7.6312
				-4.00000	30.00000	0.00000	2.1619	-6.5919	8.1101
				-3.00000	30.00000	0.00000	1.8368	-7.3715	8.5321
				-2.00000	30.00000	0.00000	1.6382	-8.0750	8.6272
				-1.00000	30.00000	0.00000	1.5041	-8.4597	8.8596
				0.00000	30.00000	0.00000	1.3434	-9.0074	9.2029
				1.00000	30.00000	0.00000	1.0884	-9.6704	9.5535
				2.00000	30.00000	0.00000	0.73707	-10.436	9.9026
				3.00000	30.00000	0.00000	0.30717	-11.259	10.234
				4.00000	30.00000	0.00000	0.0	-7.6728	6.7375
				5.00000	30.00000	0.00000	0.0	-7.6728	6.7375
				6.00000	30.00000	0.00000	0.0	-7.6728	6.7375
				7.00000	30.00000	0.00000	0.0	-7.6728	6.7375
				8.00000	30.00000	0.00000	-0.33452	-4.5557	4.2979
				9.00000	30.00000	0.00000	-0.76067	-3.7343	3.9649
				10.00000	30.00000	0.00000	-1.1065	-2.9737	3.6154
				11.00000	30.00000	0.00000	-1.3556	-2.3175	3.2649
				12.00000	30.00000	0.00000	-1.5110	-1.7767	2.9223
				13.00000	30.00000	0.00000	-1.6472	-5.2350	6.0295
				14.00000	30.00000	0.00000	-4.9721	-8.6510	10.130



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Job No.	Sheet No.	Rev.
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Drg. Ref.		
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	30.00000	0.00000	-4.7205	-8.1378	9.5696
				16.00000	30.00000	0.00000	-4.4075	-7.6639	9.0116
				17.00000	30.00000	0.00000	-4.0475	-7.2222	8.4746
				18.00000	30.00000	0.00000	-3.6642	-5.5206	6.8668
				19.00000	30.00000	0.00000	-3.3469	-4.9250	6.3278
				20.00000	30.00000	0.00000	-3.0007	-4.3239	5.8127
				21.00000	30.00000	0.00000	-2.6247	-3.7250	5.3249
				22.00000	30.00000	0.00000	-2.2177	-3.1351	4.8629
				23.00000	30.00000	0.00000	-0.83183	-1.4834	2.5760
				24.00000	30.00000	0.00000	-0.60312	-1.2032	2.2986
				25.00000	30.00000	0.00000	-0.47336	-0.96679	2.0251
				26.00000	30.00000	0.00000	-0.46078	-0.77409	1.7784
				27.00000	30.00000	0.00000	-0.42738	-0.60003	1.5389
				28.00000	30.00000	0.00000	-0.37441	-0.44482	1.3071
				29.00000	30.00000	0.00000	-0.30328	-0.30794	1.0822
				30.00000	30.00000	0.00000	-0.22232	-0.19531	0.88755
				-40.00000	31.00000	0.00000	0.0	0.0	0.0
				-39.00000	31.00000	0.00000	0.0	0.0	0.0
				-38.00000	31.00000	0.00000	0.0	0.0	0.0
				-37.00000	31.00000	0.00000	0.0	0.0	0.0
				-36.00000	31.00000	0.00000	0.0	0.0	0.0
				-35.00000	31.00000	0.00000	0.0	0.0	0.0
				-34.00000	31.00000	0.00000	0.0	0.0	0.0
				-33.00000	31.00000	0.00000	0.0	0.0	0.0
				-32.00000	31.00000	0.00000	0.0	0.0	0.0
				-31.00000	31.00000	0.00000	0.0	0.0	0.0
				-30.00000	31.00000	0.00000	0.0	0.0	0.0
				-29.00000	31.00000	0.00000	0.0	0.0	0.0
				-28.00000	31.00000	0.00000	0.0	0.0	0.0
				-27.00000	31.00000	0.00000	0.0	0.0	0.0
				-26.00000	31.00000	0.00000	0.0	0.0	0.0
				-25.00000	31.00000	0.00000	0.0	0.0	0.048806
				-24.00000	31.00000	0.00000	0.0	0.0	0.16173
				-23.00000	31.00000	0.00000	0.0	0.0	0.34864
				-22.00000	31.00000	0.00000	0.0	0.0	0.52951
				-21.00000	31.00000	0.00000	0.0	0.0	0.70561
				-20.00000	31.00000	0.00000	0.0	0.0	0.88161
				-19.00000	31.00000	0.00000	0.0	0.0	1.1162
				-18.00000	31.00000	0.00000	0.20336	-0.071747	1.4334
				-17.00000	31.00000	0.00000	0.39516	-0.15308	1.7317
				-16.00000	31.00000	0.00000	0.56791	-0.24365	2.0239
				-15.00000	31.00000	0.00000	0.71871	-0.34501	2.3173
				-14.00000	31.00000	0.00000	0.87727	-0.54657	2.6325
				-13.00000	31.00000	0.00000	1.0638	-0.80273	2.9605
				-12.00000	31.00000	0.00000	1.3826	-1.1264	3.3016
				-11.00000	31.00000	0.00000	1.6346	-1.4767	3.6270
				-10.00000	31.00000	0.00000	1.8362	-1.8787	3.9839
				-9.00000	31.00000	0.00000	2.0050	-2.3591	4.4170
				-8.00000	31.00000	0.00000	2.1038	-2.8886	4.8716
				-7.00000	31.00000	0.00000	2.1262	-3.4659	5.3402
				-6.00000	31.00000	0.00000	2.0667	-4.0854	5.8096
				-5.00000	31.00000	0.00000	1.9425	-5.1539	6.8422
				-4.00000	31.00000	0.00000	1.7392	-5.8014	7.2431
				-3.00000	31.00000	0.00000	1.4508	-6.4647	7.5898
				-2.00000	31.00000	0.00000	1.3085	-7.5239	7.8080
				-1.00000	31.00000	0.00000	1.2235	-7.9399	8.1152
				0.00000	31.00000	0.00000	1.0736	-8.4336	8.4299
				1.00000	31.00000	0.00000	0.85439	-9.0017	8.7435
				2.00000	31.00000	0.00000	0.56970	-9.6264	9.0445
				3.00000	31.00000	0.00000	0.23511	-10.271	9.3173
				4.00000	31.00000	0.00000	0.0	-6.9881	6.2067
				5.00000	31.00000	0.00000	0.0	-6.9881	6.2067
				6.00000	31.00000	0.00000	0.0	-6.9881	6.2067
				7.00000	31.00000	0.00000	0.0	-6.9881	6.2067
				8.00000	31.00000	0.00000	-0.25613	-4.2330	3.9879
				9.00000	31.00000	0.00000	-0.58841	-3.5882	3.7129
				10.00000	31.00000	0.00000	-0.86947	-2.9660	3.4108
				11.00000	31.00000	0.00000	-1.0845	-2.4020	3.0968
				12.00000	31.00000	0.00000	-1.2304	-1.9130	2.7823
				13.00000	31.00000	0.00000	-1.3117	-4.7463	5.3538
				14.00000	31.00000	0.00000	-1.3813	-4.4514	5.1392



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Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	31.00000	0.00000	-4.0869	-7.2680	8.4724
				16.00000	31.00000	0.00000	-3.8101	-6.7937	7.9769
				17.00000	31.00000	0.00000	-3.4865	-6.3488	7.5045
				18.00000	31.00000	0.00000	-3.1354	-4.8408	6.1099
				19.00000	31.00000	0.00000	-2.8271	-4.2819	5.6467
				20.00000	31.00000	0.00000	-2.4888	-3.7181	5.2051
				21.00000	31.00000	0.00000	-2.1206	-3.1549	4.7852
				22.00000	31.00000	0.00000	-1.7220	-2.5976	4.3821
				23.00000	31.00000	0.00000	-1.2928	-2.0509	3.9852
				24.00000	31.00000	0.00000	-0.40254	-1.0290	2.0745
				25.00000	31.00000	0.00000	-0.36024	-0.83208	1.8422
				26.00000	31.00000	0.00000	-0.34494	-0.65847	1.6212
				27.00000	31.00000	0.00000	-0.31133	-0.49906	1.4035
				28.00000	31.00000	0.00000	-0.26013	-0.35459	1.1889
				29.00000	31.00000	0.00000	-0.19229	-0.22516	0.97594
				30.00000	31.00000	0.00000	-0.10887	-0.11040	0.76100
				-40.00000	32.00000	0.00000	0.0	0.0	0.0
				-39.00000	32.00000	0.00000	0.0	0.0	0.0
				-38.00000	32.00000	0.00000	0.0	0.0	0.0
				-37.00000	32.00000	0.00000	0.0	0.0	0.0
				-36.00000	32.00000	0.00000	0.0	0.0	0.0
				-35.00000	32.00000	0.00000	0.0	0.0	0.0
				-34.00000	32.00000	0.00000	0.0	0.0	0.0
				-33.00000	32.00000	0.00000	0.0	0.0	0.0
				-32.00000	32.00000	0.00000	0.0	0.0	0.0
				-31.00000	32.00000	0.00000	0.0	0.0	0.0
				-30.00000	32.00000	0.00000	0.0	0.0	0.0
				-29.00000	32.00000	0.00000	0.0	0.0	0.0
				-28.00000	32.00000	0.00000	0.0	0.0	0.0
				-27.00000	32.00000	0.00000	0.0	0.0	0.0
				-26.00000	32.00000	0.00000	0.0	0.0	0.0
				-25.00000	32.00000	0.00000	0.0	0.0	0.0074274
				-24.00000	32.00000	0.00000	0.0	0.0	0.11625
				-23.00000	32.00000	0.00000	0.0	0.0	0.23108
				-22.00000	32.00000	0.00000	0.0	0.0	0.40680
				-21.00000	32.00000	0.00000	0.0	0.0	0.57972
				-20.00000	32.00000	0.00000	0.0	0.0	0.74922
				-19.00000	32.00000	0.00000	0.0	0.0	0.94173
				-18.00000	32.00000	0.00000	0.087755	-0.036701	1.2341
				-17.00000	32.00000	0.00000	0.26388	-0.12154	1.5240
				-16.00000	32.00000	0.00000	0.42033	-0.21516	1.8005
				-15.00000	32.00000	0.00000	0.55454	-0.31886	2.0719
				-14.00000	32.00000	0.00000	0.66333	-0.43411	2.3424
				-13.00000	32.00000	0.00000	0.74301	-0.56245	2.6127
				-12.00000	32.00000	0.00000	0.99479	-0.84288	2.9244
				-11.00000	32.00000	0.00000	1.2416	-1.1915	3.2468
				-10.00000	32.00000	0.00000	1.4554	-1.5987	3.6144
				-9.00000	32.00000	0.00000	1.6102	-2.0439	3.9948
				-8.00000	32.00000	0.00000	1.7011	-2.5259	4.3881
				-7.00000	32.00000	0.00000	1.7237	-3.0414	4.7885
				-6.00000	32.00000	0.00000	1.6748	-3.5833	5.1852
				-5.00000	32.00000	0.00000	1.5641	-4.3907	6.0670
				-4.00000	32.00000	0.00000	1.3838	-4.9510	6.3982
				-3.00000	32.00000	0.00000	1.1705	-5.5572	6.7494
				-2.00000	32.00000	0.00000	1.0769	-6.9571	7.0400
				-1.00000	32.00000	0.00000	0.99495	-7.3382	7.3168
				0.00000	32.00000	0.00000	0.86198	-7.7737	7.5966
				1.00000	32.00000	0.00000	0.67762	-8.2559	7.8698
				2.00000	32.00000	0.00000	0.44728	-8.7673	8.1251
				3.00000	32.00000	0.00000	0.18345	-9.2798	8.3487
				4.00000	32.00000	0.00000	0.0	-6.3244	5.6181
				5.00000	32.00000	0.00000	0.0	-6.3244	5.6181
				6.00000	32.00000	0.00000	0.0	-6.3244	5.6181
				7.00000	32.00000	0.00000	0.0	-6.3244	5.6181
				8.00000	32.00000	0.00000	-0.19990	-3.8858	3.6288
				9.00000	32.00000	0.00000	-0.46220	-3.3723	3.4029
				10.00000	32.00000	0.00000	-0.69007	-2.8620	3.1462
				11.00000	32.00000	0.00000	-0.87142	-2.3822	2.8723
				12.00000	32.00000	0.00000	-1.0013	-1.9499	2.5925
				13.00000	32.00000	0.00000	-1.0802	-4.2411	4.8092
				14.00000	32.00000	0.00000	-1.1124	-3.9182	4.5438



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	32.00000	0.00000	-3.5047	-6.3731	7.4851
				16.00000	32.00000	0.00000	-3.2521	-5.9044	7.0515
				17.00000	32.00000	0.00000	-2.9552	-5.4615	6.6420
				18.00000	32.00000	0.00000	-2.6288	-4.1470	5.4358
				19.00000	32.00000	0.00000	-2.3271	-3.6213	5.0401
				20.00000	32.00000	0.00000	-1.9951	-3.0906	4.6616
				21.00000	32.00000	0.00000	-1.6334	-2.5591	4.2969
				22.00000	32.00000	0.00000	-1.2419	-2.0310	3.9378
				23.00000	32.00000	0.00000	-0.82086	-1.5100	3.5706
				24.00000	32.00000	0.00000	-0.41980	-1.0134	3.1836
				25.00000	32.00000	0.00000	-0.26032	-0.67177	1.6670
				26.00000	32.00000	0.00000	-0.24143	-0.51700	1.4669
				27.00000	32.00000	0.00000	-0.20641	-0.37267	1.2660
				28.00000	32.00000	0.00000	-0.15560	-0.23989	1.0635
				29.00000	32.00000	0.00000	-0.089612	-0.11917	0.85708
				30.00000	32.00000	0.00000	-0.0091403	-0.010572	0.64250
				-40.00000	33.00000	0.00000	0.0	0.0	0.0
				-39.00000	33.00000	0.00000	0.0	0.0	0.0
				-38.00000	33.00000	0.00000	0.0	0.0	0.0
				-37.00000	33.00000	0.00000	0.0	0.0	0.0
				-36.00000	33.00000	0.00000	0.0	0.0	0.0
				-35.00000	33.00000	0.00000	0.0	0.0	0.0
				-34.00000	33.00000	0.00000	0.0	0.0	0.0
				-33.00000	33.00000	0.00000	0.0	0.0	0.0
				-32.00000	33.00000	0.00000	0.0	0.0	0.0
				-31.00000	33.00000	0.00000	0.0	0.0	0.0
				-30.00000	33.00000	0.00000	0.0	0.0	0.0
				-29.00000	33.00000	0.00000	0.0	0.0	0.0
				-28.00000	33.00000	0.00000	0.0	0.0	0.0
				-27.00000	33.00000	0.00000	0.0	0.0	0.0
				-26.00000	33.00000	0.00000	0.0	0.0	0.0
				-25.00000	33.00000	0.00000	0.0	0.0	0.0
				-24.00000	33.00000	0.00000	0.0	0.0	0.068757
				-23.00000	33.00000	0.00000	0.0	0.0	0.17223
				-22.00000	33.00000	0.00000	0.0	0.0	0.28007
				-21.00000	33.00000	0.00000	0.0	0.0	0.44705
				-20.00000	33.00000	0.00000	0.0	0.0	0.61019
				-19.00000	33.00000	0.00000	0.0	0.0	0.76893
				-18.00000	33.00000	0.00000	0.0	0.0	1.0220
				-17.00000	33.00000	0.00000	0.14053	-0.075899	1.3051
				-16.00000	33.00000	0.00000	0.28367	-0.17085	1.5706
				-15.00000	33.00000	0.00000	0.40477	-0.27496	1.8243
				-14.00000	33.00000	0.00000	0.50118	-0.38933	2.0715
				-13.00000	33.00000	0.00000	0.56987	-0.51507	2.3143
				-12.00000	33.00000	0.00000	0.69365	-0.69258	2.5885
				-11.00000	33.00000	0.00000	0.92449	-0.96195	2.9077
				-10.00000	33.00000	0.00000	1.1120	-1.2666	3.2265
				-9.00000	33.00000	0.00000	1.2561	-1.6543	3.5602
				-8.00000	33.00000	0.00000	1.3448	-2.0876	3.8986
				-7.00000	33.00000	0.00000	1.3727	-2.5430	4.2371
				-6.00000	33.00000	0.00000	1.3379	-3.0129	4.5673
				-5.00000	33.00000	0.00000	1.2432	-3.5683	5.3036
				-4.00000	33.00000	0.00000	1.1149	-4.0816	5.6226
				-3.00000	33.00000	0.00000	0.96323	-4.6323	5.9652
				-2.00000	33.00000	0.00000	0.88147	-6.3347	6.2693
				-1.00000	33.00000	0.00000	0.80755	-6.6770	6.5120
				0.00000	33.00000	0.00000	0.69341	-7.0563	6.7545
				1.00000	33.00000	0.00000	0.54055	-7.4636	6.9877
				2.00000	33.00000	0.00000	0.35440	-7.8838	7.2011
				3.00000	33.00000	0.00000	0.14477	-8.2954	7.3833
				4.00000	33.00000	0.00000	0.0	-5.6797	5.0095
				5.00000	33.00000	0.00000	0.0	-5.6797	5.0095
				6.00000	33.00000	0.00000	0.0	-5.6797	5.0095
				7.00000	33.00000	0.00000	0.0	-5.6797	5.0095
				8.00000	33.00000	0.00000	-0.15778	-3.5269	3.2489
				9.00000	33.00000	0.00000	-0.36635	-3.1141	3.0645
				10.00000	33.00000	0.00000	-0.55073	-2.6941	2.8496
				11.00000	33.00000	0.00000	-0.70138	-2.2881	2.6155
				12.00000	33.00000	0.00000	-0.81312	-1.9109	2.3728
				13.00000	33.00000	0.00000	-0.88465	-3.6727	4.2986
				14.00000	33.00000	0.00000	-0.91750	-3.3734	4.0640



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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	33.00000	0.00000	-0.91487	-3.1145	3.8432
				16.00000	33.00000	0.00000	-2.7328	-4.9966	6.2370
				17.00000	33.00000	0.00000	-2.4542	-4.5593	5.8860
				18.00000	33.00000	0.00000	-2.1459	-3.4382	4.8422
				19.00000	33.00000	0.00000	-1.8479	-2.9431	4.5035
				20.00000	33.00000	0.00000	-1.5201	-2.4425	4.1751
				21.00000	33.00000	0.00000	-1.1631	-1.9397	3.8502
				22.00000	33.00000	0.00000	-0.77717	-1.4380	3.5174
				23.00000	33.00000	0.00000	-0.36243	-0.94049	3.1596
				24.00000	33.00000	0.00000	-0.18056	-0.63178	2.8122
				25.00000	33.00000	0.00000	-0.17159	-0.48976	1.4968
				26.00000	33.00000	0.00000	-0.14857	-0.35313	1.3117
				27.00000	33.00000	0.00000	-0.11130	-0.22383	1.1217
				28.00000	33.00000	0.00000	-0.059874	-0.10317	0.92514
				29.00000	33.00000	0.00000	0.0	0.0	0.71894
				30.00000	33.00000	0.00000	0.0	0.0	0.54988
				-40.00000	34.00000	0.00000	0.0	0.0	0.0
				-39.00000	34.00000	0.00000	0.0	0.0	0.0
				-38.00000	34.00000	0.00000	0.0	0.0	0.0
				-37.00000	34.00000	0.00000	0.0	0.0	0.0
				-36.00000	34.00000	0.00000	0.0	0.0	0.0
				-35.00000	34.00000	0.00000	0.0	0.0	0.0
				-34.00000	34.00000	0.00000	0.0	0.0	0.0
				-33.00000	34.00000	0.00000	0.0	0.0	0.0
				-32.00000	34.00000	0.00000	0.0	0.0	0.0
				-31.00000	34.00000	0.00000	0.0	0.0	0.0
				-30.00000	34.00000	0.00000	0.0	0.0	0.0
				-29.00000	34.00000	0.00000	0.0	0.0	0.0
				-28.00000	34.00000	0.00000	0.0	0.0	0.0
				-27.00000	34.00000	0.00000	0.0	0.0	0.0
				-26.00000	34.00000	0.00000	0.0	0.0	0.0
				-25.00000	34.00000	0.00000	0.0	0.0	0.0
				-24.00000	34.00000	0.00000	0.0	0.0	0.018611
				-23.00000	34.00000	0.00000	0.0	0.0	0.11895
				-22.00000	34.00000	0.00000	0.0	0.0	0.21659
				-21.00000	34.00000	0.00000	0.0	0.0	0.31122
				-20.00000	34.00000	0.00000	0.0	0.0	0.46530
				-19.00000	34.00000	0.00000	0.0	0.0	0.61753
				-18.00000	34.00000	0.00000	0.0	0.0	0.81881
				-17.00000	34.00000	0.00000	0.026120	-0.016359	1.0730
				-16.00000	34.00000	0.00000	0.15868	-0.11121	1.3329
				-15.00000	34.00000	0.00000	0.26980	-0.21413	1.5742
				-14.00000	34.00000	0.00000	0.35733	-0.32592	1.8033
				-13.00000	34.00000	0.00000	0.42612	-0.45450	2.0398
				-12.00000	34.00000	0.00000	0.48424	-0.61099	2.3007
				-11.00000	34.00000	0.00000	0.66437	-0.85701	2.5909
				-10.00000	34.00000	0.00000	0.83696	-1.1471	2.8755
				-9.00000	34.00000	0.00000	0.96500	-1.4670	3.1568
				-8.00000	34.00000	0.00000	1.0451	-1.8162	3.4374
				-7.00000	34.00000	0.00000	1.0741	-2.1922	3.7153
				-6.00000	34.00000	0.00000	1.0501	-2.5904	3.9843
				-5.00000	34.00000	0.00000	0.99147	-3.0235	4.6219
				-4.00000	34.00000	0.00000	0.90655	-3.4899	4.9212
				-3.00000	34.00000	0.00000	0.78470	-3.9656	5.2099
				-2.00000	34.00000	0.00000	0.71611	-5.6697	5.5311
				-1.00000	34.00000	0.00000	0.65251	-5.9730	5.7389
				0.00000	34.00000	0.00000	0.55701	-6.3005	5.9446
				1.00000	34.00000	0.00000	0.43182	-6.6437	6.1401
				2.00000	34.00000	0.00000	0.28187	-6.9897	6.3163
				3.00000	34.00000	0.00000	0.11484	-7.3221	6.4638
				4.00000	34.00000	0.00000	0.0	-5.0523	4.4117
				5.00000	34.00000	0.00000	0.0	-5.0523	4.4117
				6.00000	34.00000	0.00000	0.0	-5.0523	4.4117
				7.00000	34.00000	0.00000	0.0	-5.0523	4.4117
				8.00000	34.00000	0.00000	-0.12517	-3.1631	2.8705
				9.00000	34.00000	0.00000	-0.29143	-2.8294	2.7210
				10.00000	34.00000	0.00000	-0.44009	-2.4831	2.5434
				11.00000	34.00000	0.00000	-0.56361	-2.1405	2.3471
				12.00000	34.00000	0.00000	-0.65724	-1.8142	2.1410
				13.00000	34.00000	0.00000	-0.71890	-3.0537	3.8255
				14.00000	34.00000	0.00000	-0.74870	-2.7814	3.6232



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
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Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	34.00000	0.00000	-0.74820	-2.5399	3.4317
				16.00000	34.00000	0.00000	-0.71985	-2.3291	3.2552
				17.00000	34.00000	0.00000	-1.9828	-3.6420	5.2246
				18.00000	34.00000	0.00000	-1.6869	-2.7139	4.3184
				19.00000	34.00000	0.00000	-1.3897	-2.2475	4.0240
				20.00000	34.00000	0.00000	-1.0637	-1.7745	3.7304
				21.00000	34.00000	0.00000	-0.70948	-1.2977	3.4272
				22.00000	34.00000	0.00000	-0.32718	-0.82016	3.0999
				23.00000	34.00000	0.00000	-0.11106	-0.53378	2.7704
				24.00000	34.00000	0.00000	-0.10751	-0.41127	2.4779
				25.00000	34.00000	0.00000	-0.092341	-0.28907	2.1774
				26.00000	34.00000	0.00000	-0.064894	-0.16969	1.1482
				27.00000	34.00000	0.00000	-0.024806	-0.055046	0.96229
				28.00000	34.00000	0.00000	0.0	0.0	0.77555
				29.00000	34.00000	0.00000	0.0	0.0	0.59753
				30.00000	34.00000	0.00000	0.0	0.0	0.47659
				-40.00000	35.00000	0.00000	0.0	0.0	0.0
				-39.00000	35.00000	0.00000	0.0	0.0	0.0
				-38.00000	35.00000	0.00000	0.0	0.0	0.0
				-37.00000	35.00000	0.00000	0.0	0.0	0.0
				-36.00000	35.00000	0.00000	0.0	0.0	0.0
				-35.00000	35.00000	0.00000	0.0	0.0	0.0
				-34.00000	35.00000	0.00000	0.0	0.0	0.0
				-33.00000	35.00000	0.00000	0.0	0.0	0.0
				-32.00000	35.00000	0.00000	0.0	0.0	0.0
				-31.00000	35.00000	0.00000	0.0	0.0	0.0
				-30.00000	35.00000	0.00000	0.0	0.0	0.0
				-29.00000	35.00000	0.00000	0.0	0.0	0.0
				-28.00000	35.00000	0.00000	0.0	0.0	0.0
				-27.00000	35.00000	0.00000	0.0	0.0	0.0
				-26.00000	35.00000	0.00000	0.0	0.0	0.0
				-25.00000	35.00000	0.00000	0.0	0.0	0.0
				-24.00000	35.00000	0.00000	0.0	0.0	0.0
				-23.00000	35.00000	0.00000	0.0	0.0	0.063443
				-22.00000	35.00000	0.00000	0.0	0.0	0.15794
				-21.00000	35.00000	0.00000	0.0	0.0	0.24932
				-20.00000	35.00000	0.00000	0.0	0.0	0.33723
				-19.00000	35.00000	0.00000	0.0	0.0	0.46124
				-18.00000	35.00000	0.00000	0.0	0.0	0.60830
				-17.00000	35.00000	0.00000	0.0	0.0	0.84503
				-16.00000	35.00000	0.00000	0.045630	-0.036876	1.0845
				-15.00000	35.00000	0.00000	0.14948	-0.13738	1.3195
				-14.00000	35.00000	0.00000	0.23469	-0.24893	1.5486
				-13.00000	35.00000	0.00000	0.30704	-0.37948	1.7887
				-12.00000	35.00000	0.00000	0.36219	-0.52666	2.0268
				-11.00000	35.00000	0.00000	0.42668	-0.70630	2.2716
				-10.00000	35.00000	0.00000	0.58886	-0.97915	2.5302
				-9.00000	35.00000	0.00000	0.70992	-1.2756	2.7763
				-8.00000	35.00000	0.00000	0.78746	-1.5943	3.0142
				-7.00000	35.00000	0.00000	0.81952	-1.9322	3.2441
				-6.00000	35.00000	0.00000	0.81778	-2.2978	3.4886
				-5.00000	35.00000	0.00000	0.78864	-2.6913	4.0362
				-4.00000	35.00000	0.00000	0.72524	-3.0969	4.2856
				-3.00000	35.00000	0.00000	0.63043	-3.5052	4.5256
				-2.00000	35.00000	0.00000	0.57541	-4.9720	4.8514
				-1.00000	35.00000	0.00000	0.52300	-5.2381	5.0257
				0.00000	35.00000	0.00000	0.44502	-5.5192	5.1970
				1.00000	35.00000	0.00000	0.34388	-5.8076	5.3583
				2.00000	35.00000	0.00000	0.22387	-6.0926	5.5020
				3.00000	35.00000	0.00000	0.091065	-6.3614	5.6207
				4.00000	35.00000	0.00000	0.0	-4.4404	3.8485
				5.00000	35.00000	0.00000	0.0	-4.4404	3.8485
				6.00000	35.00000	0.00000	0.0	-4.4404	3.8485
				7.00000	35.00000	0.00000	0.0	-4.4404	3.8485
				8.00000	35.00000	0.00000	-0.099262	-2.7980	2.5108
				9.00000	35.00000	0.00000	-0.23150	-2.5279	2.3904
				10.00000	35.00000	0.00000	-0.35054	-2.2424	2.2455
				11.00000	35.00000	0.00000	-0.45038	-1.9541	2.0834
				12.00000	35.00000	0.00000	-0.52688	-1.6737	1.9118
				13.00000	35.00000	0.00000	-0.57772	-2.3942	3.3844
				14.00000	35.00000	0.00000	-0.60224	-2.1497	3.2135



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517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	35.00000	0.00000	-0.60098	-1.9283	3.0508
				16.00000	35.00000	0.00000	-0.57533	-1.7309	2.8998
				17.00000	35.00000	0.00000	-0.52713	-1.5573	2.7622
				18.00000	35.00000	0.00000	-1.2510	-1.9742	3.8454
				19.00000	35.00000	0.00000	-0.95191	-1.5345	3.5805
				20.00000	35.00000	0.00000	-0.62550	-1.0870	3.3038
				21.00000	35.00000	0.00000	-0.27195	-0.63433	3.0017
				22.00000	35.00000	0.00000	-0.073879	-0.38644	2.7004
				23.00000	35.00000	0.00000	-0.053465	-0.27823	2.4214
				24.00000	35.00000	0.00000	-0.042353	-0.17593	2.1373
				25.00000	35.00000	0.00000	-0.021136	-0.072044	1.8422
				26.00000	35.00000	0.00000	0.0	0.0	1.5394
				27.00000	35.00000	0.00000	0.0	0.0	0.80676
				28.00000	35.00000	0.00000	0.0	0.0	0.63968
				29.00000	35.00000	0.00000	0.0	0.0	0.46851
				30.00000	35.00000	0.00000	0.0	0.0	0.39853
				-40.00000	36.00000	0.00000	0.0	0.0	0.0
				-39.00000	36.00000	0.00000	0.0	0.0	0.0
				-38.00000	36.00000	0.00000	0.0	0.0	0.0
				-37.00000	36.00000	0.00000	0.0	0.0	0.0
				-36.00000	36.00000	0.00000	0.0	0.0	0.0
				-35.00000	36.00000	0.00000	0.0	0.0	0.0
				-34.00000	36.00000	0.00000	0.0	0.0	0.0
				-33.00000	36.00000	0.00000	0.0	0.0	0.0
				-32.00000	36.00000	0.00000	0.0	0.0	0.0
				-31.00000	36.00000	0.00000	0.0	0.0	0.0
				-30.00000	36.00000	0.00000	0.0	0.0	0.0
				-29.00000	36.00000	0.00000	0.0	0.0	0.0
				-28.00000	36.00000	0.00000	0.0	0.0	0.0
				-27.00000	36.00000	0.00000	0.0	0.0	0.0
				-26.00000	36.00000	0.00000	0.0	0.0	0.0
				-25.00000	36.00000	0.00000	0.0	0.0	0.0
				-24.00000	36.00000	0.00000	0.0	0.0	0.0
				-23.00000	36.00000	0.00000	0.0	0.0	0.0060000
				-22.00000	36.00000	0.00000	0.0	0.0	0.097524
				-21.00000	36.00000	0.00000	0.0	0.0	0.18584
				-20.00000	36.00000	0.00000	0.0	0.0	0.27061
				-19.00000	36.00000	0.00000	0.0	0.0	0.35149
				-18.00000	36.00000	0.00000	0.0	0.0	0.43496
				-17.00000	36.00000	0.00000	0.0	0.0	0.61887
				-16.00000	36.00000	0.00000	0.0	0.0	0.83639
				-15.00000	36.00000	0.00000	0.043901	-0.046348	1.0649
				-14.00000	36.00000	0.00000	0.12836	-0.15592	1.3037
				-13.00000	36.00000	0.00000	0.19793	-0.27886	1.5316
				-12.00000	36.00000	0.00000	0.25172	-0.41537	1.7520
				-11.00000	36.00000	0.00000	0.28894	-0.56522	1.9667
				-10.00000	36.00000	0.00000	0.36584	-0.76865	2.1899
				-9.00000	36.00000	0.00000	0.48344	-1.0411	2.4107
				-8.00000	36.00000	0.00000	0.56161	-1.3298	2.6157
				-7.00000	36.00000	0.00000	0.60671	-1.6392	2.8269
				-6.00000	36.00000	0.00000	0.62406	-1.9709	3.0485
				-5.00000	36.00000	0.00000	0.61016	-2.3151	3.4872
				-4.00000	36.00000	0.00000	0.56676	-2.6653	3.6934
				-3.00000	36.00000	0.00000	0.49656	-3.0132	3.8911
				-2.00000	36.00000	0.00000	0.45492	-4.2493	4.2461
				-1.00000	36.00000	0.00000	0.41372	-4.4808	4.3899
				0.00000	36.00000	0.00000	0.35182	-4.7207	4.5302
				1.00000	36.00000	0.00000	0.27155	-4.9622	4.6614
				2.00000	36.00000	0.00000	0.17658	-5.1964	4.7773
				3.00000	36.00000	0.00000	0.071774	-5.4133	4.8723
				4.00000	36.00000	0.00000	0.0	-3.8423	3.3368
				5.00000	36.00000	0.00000	0.0	-3.8423	3.3368
				6.00000	36.00000	0.00000	0.0	-3.8423	3.3368
				7.00000	36.00000	0.00000	0.0	-3.8423	3.3368
				8.00000	36.00000	0.00000	-0.078237	-2.4338	2.1820
				9.00000	36.00000	0.00000	-0.18261	-2.2156	2.0856
				10.00000	36.00000	0.00000	-0.27682	-1.9806	1.9685
				11.00000	36.00000	0.00000	-0.35608	-1.7390	1.8367
				12.00000	36.00000	0.00000	-0.41680	-1.4994	1.6960
				13.00000	36.00000	0.00000	-0.45670	-1.7014	2.9594
				14.00000	36.00000	0.00000	-0.47473	-1.4843	2.8175



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	36.00000	0.00000	-0.47082	-1.2840	2.6813
				16.00000	36.00000	0.00000	-0.44562	-1.1021	2.5536
				17.00000	36.00000	0.00000	-0.40027	-0.93913	2.4353
				18.00000	36.00000	0.00000	-0.33712	-0.65024	1.8596
				19.00000	36.00000	0.00000	-0.53342	-0.80434	3.1431
				20.00000	36.00000	0.00000	-0.20446	-0.38054	2.8631
				21.00000	36.00000	0.00000	-0.065151	-0.19509	2.5935
				22.00000	36.00000	0.00000	-0.012325	-0.089765	2.3257
				23.00000	36.00000	0.00000	-0.0020348	-0.011401	2.0572
				24.00000	36.00000	0.00000	0.0	0.0	1.7871
				25.00000	36.00000	0.00000	0.0	0.0	1.5131
				26.00000	36.00000	0.00000	0.0	0.0	1.2322
				27.00000	36.00000	0.00000	0.0	0.0	0.94535
				28.00000	36.00000	0.00000	0.0	0.0	0.49721
				29.00000	36.00000	0.00000	0.0	0.0	0.38230
				30.00000	36.00000	0.00000	0.0	0.0	0.31616
				-40.00000	37.00000	0.00000	0.0	0.0	0.0
				-39.00000	37.00000	0.00000	0.0	0.0	0.0
				-38.00000	37.00000	0.00000	0.0	0.0	0.0
				-37.00000	37.00000	0.00000	0.0	0.0	0.0
				-36.00000	37.00000	0.00000	0.0	0.0	0.0
				-35.00000	37.00000	0.00000	0.0	0.0	0.0
				-34.00000	37.00000	0.00000	0.0	0.0	0.0
				-33.00000	37.00000	0.00000	0.0	0.0	0.0
				-32.00000	37.00000	0.00000	0.0	0.0	0.0
				-31.00000	37.00000	0.00000	0.0	0.0	0.0
				-30.00000	37.00000	0.00000	0.0	0.0	0.0
				-29.00000	37.00000	0.00000	0.0	0.0	0.0
				-28.00000	37.00000	0.00000	0.0	0.0	0.0
				-27.00000	37.00000	0.00000	0.0	0.0	0.0
				-26.00000	37.00000	0.00000	0.0	0.0	0.0
				-25.00000	37.00000	0.00000	0.0	0.0	0.0
				-24.00000	37.00000	0.00000	0.0	0.0	0.0
				-23.00000	37.00000	0.00000	0.0	0.0	0.0
				-22.00000	37.00000	0.00000	0.0	0.0	0.035603
				-21.00000	37.00000	0.00000	0.0	0.0	0.12104
				-20.00000	37.00000	0.00000	0.0	0.0	0.20291
				-19.00000	37.00000	0.00000	0.0	0.0	0.28086
				-18.00000	37.00000	0.00000	0.0	0.0	0.35453
				-17.00000	37.00000	0.00000	0.0	0.0	0.42429
				-16.00000	37.00000	0.00000	0.0	0.0	0.60270
				-15.00000	37.00000	0.00000	0.0	0.0	0.82004
				-14.00000	37.00000	0.00000	0.029793	-0.040873	1.0422
				-13.00000	37.00000	0.00000	0.097879	-0.15514	1.2642
				-12.00000	37.00000	0.00000	0.15152	-0.28023	1.4732
				-11.00000	37.00000	0.00000	0.19026	-0.41557	1.6716
				-10.00000	37.00000	0.00000	0.21382	-0.56006	1.8604
				-9.00000	37.00000	0.00000	0.28289	-0.76889	2.0554
				-8.00000	37.00000	0.00000	0.36715	-1.0318	2.2534
				-7.00000	37.00000	0.00000	0.42354	-1.3114	2.4510
				-6.00000	37.00000	0.00000	0.45158	-1.6031	2.6394
				-5.00000	37.00000	0.00000	0.45232	-1.9019	2.9777
				-4.00000	37.00000	0.00000	0.42755	-2.2017	3.1483
				-3.00000	37.00000	0.00000	0.37977	-2.4953	3.3108
				-2.00000	37.00000	0.00000	0.35098	-3.5069	3.7204
				-1.00000	37.00000	0.00000	0.32062	-3.7068	3.8376
				0.00000	37.00000	0.00000	0.27329	-3.9103	3.9513
				1.00000	37.00000	0.00000	0.21116	-4.1115	4.0569
				2.00000	37.00000	0.00000	0.13736	-4.3030	4.1497
				3.00000	37.00000	0.00000	0.055840	-4.4767	4.2254
				4.00000	37.00000	0.00000	0.0	-3.2563	2.8864
				5.00000	37.00000	0.00000	0.0	-3.2563	2.8864
				6.00000	37.00000	0.00000	0.0	-3.2563	2.8864
				7.00000	37.00000	0.00000	0.0	-3.2563	2.8864
				8.00000	37.00000	0.00000	-0.060868	-2.0712	1.8912
				9.00000	37.00000	0.00000	-0.14205	-1.8962	1.8144
				10.00000	37.00000	0.00000	-0.21526	-1.7038	1.7206
				11.00000	37.00000	0.00000	-0.27657	-1.5023	1.6144
				12.00000	37.00000	0.00000	-0.32294	-1.2988	1.5005
				13.00000	37.00000	0.00000	-0.35223	-1.0993	2.5392
				14.00000	37.00000	0.00000	-0.36322	-0.90830	2.4224



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	37.00000	0.00000	-0.35546	-0.72900	2.3091
				16.00000	37.00000	0.00000	-0.32914	-0.56345	2.2009
				17.00000	37.00000	0.00000	-0.28486	-0.41270	2.0983
				18.00000	37.00000	0.00000	-0.22351	-0.27709	1.6167
				19.00000	37.00000	0.00000	-0.14613	-0.15640	1.5016
				20.00000	37.00000	0.00000	-0.054731	-0.051001	2.4504
				21.00000	37.00000	0.00000	0.0	0.0	2.2072
				22.00000	37.00000	0.00000	0.0	0.0	1.9678
				23.00000	37.00000	0.00000	0.0	0.0	1.7184
				24.00000	37.00000	0.00000	0.0	0.0	1.4600
				25.00000	37.00000	0.00000	0.0	0.0	1.1935
				26.00000	37.00000	0.00000	0.0	0.0	0.91993
				27.00000	37.00000	0.00000	0.0	0.0	0.64010
				28.00000	37.00000	0.00000	0.0	0.0	0.35974
				29.00000	37.00000	0.00000	0.0	0.0	0.29275
				30.00000	37.00000	0.00000	0.0	0.0	0.22989
				-40.00000	38.00000	0.00000	0.0	0.0	0.0
				-39.00000	38.00000	0.00000	0.0	0.0	0.0
				-38.00000	38.00000	0.00000	0.0	0.0	0.0
				-37.00000	38.00000	0.00000	0.0	0.0	0.0
				-36.00000	38.00000	0.00000	0.0	0.0	0.0
				-35.00000	38.00000	0.00000	0.0	0.0	0.0
				-34.00000	38.00000	0.00000	0.0	0.0	0.0
				-33.00000	38.00000	0.00000	0.0	0.0	0.0
				-32.00000	38.00000	0.00000	0.0	0.0	0.0
				-31.00000	38.00000	0.00000	0.0	0.0	0.0
				-30.00000	38.00000	0.00000	0.0	0.0	0.0
				-29.00000	38.00000	0.00000	0.0	0.0	0.0
				-28.00000	38.00000	0.00000	0.0	0.0	0.0
				-27.00000	38.00000	0.00000	0.0	0.0	0.0
				-26.00000	38.00000	0.00000	0.0	0.0	0.0
				-25.00000	38.00000	0.00000	0.0	0.0	0.0
				-24.00000	38.00000	0.00000	0.0	0.0	0.0
				-23.00000	38.00000	0.00000	0.0	0.0	0.0
				-22.00000	38.00000	0.00000	0.0	0.0	0.0
				-21.00000	38.00000	0.00000	0.0	0.0	0.055183
				-20.00000	38.00000	0.00000	0.0	0.0	0.13436
				-19.00000	38.00000	0.00000	0.0	0.0	0.20963
				-18.00000	38.00000	0.00000	0.0	0.0	0.28066
				-17.00000	38.00000	0.00000	0.0	0.0	0.35128
				-16.00000	38.00000	0.00000	0.0	0.0	0.46132
				-15.00000	38.00000	0.00000	0.0	0.0	0.62455
				-14.00000	38.00000	0.00000	0.0	0.0	0.78392
				-13.00000	38.00000	0.00000	0.0059833	-0.010554	0.97926
				-12.00000	38.00000	0.00000	0.060408	-0.12393	1.1839
				-11.00000	38.00000	0.00000	0.10140	-0.24488	1.3729
				-10.00000	38.00000	0.00000	0.12892	-0.37215	1.5483
				-9.00000	38.00000	0.00000	0.14321	-0.50390	1.7209
				-8.00000	38.00000	0.00000	0.19469	-0.69895	1.9089
				-7.00000	38.00000	0.00000	0.25856	-0.94592	2.0894
				-6.00000	38.00000	0.00000	0.29728	-1.2002	2.2551
				-5.00000	38.00000	0.00000	0.31204	-1.4571	2.5023
				-4.00000	38.00000	0.00000	0.30460	-1.7112	2.6460
				-3.00000	38.00000	0.00000	0.27729	-1.9559	2.7808
				-2.00000	38.00000	0.00000	0.26066	-2.7485	3.2688
				-1.00000	38.00000	0.00000	0.24055	-2.9198	3.3642
				0.00000	38.00000	0.00000	0.20636	-3.0912	3.4558
				1.00000	38.00000	0.00000	0.16008	-3.2575	3.5404
				2.00000	38.00000	0.00000	0.10437	-3.4127	3.6145
				3.00000	38.00000	0.00000	0.042475	-3.5501	3.6748
				4.00000	38.00000	0.00000	0.0	-2.6804	2.5002
				5.00000	38.00000	0.00000	0.0	-2.6804	2.5002
				6.00000	38.00000	0.00000	0.0	-2.6804	2.5002
				7.00000	38.00000	0.00000	0.0	-2.6804	2.5002
				8.00000	38.00000	0.00000	-0.046298	-1.7106	1.6411
				9.00000	38.00000	0.00000	-0.10792	-1.5719	1.5798
				10.00000	38.00000	0.00000	-0.16316	-1.4158	1.5050
				11.00000	38.00000	0.00000	-0.20878	-1.2490	1.4199
				12.00000	38.00000	0.00000	-0.24217	-1.0775	1.3279
				13.00000	38.00000	0.00000	-0.26139	-0.90639	2.1884
				14.00000	38.00000	0.00000	-0.26517	-0.73982	2.0921



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	38.00000	0.00000	-0.25287	-0.58094	1.9968
				16.00000	38.00000	0.00000	-0.22432	-0.43193	1.9034
				17.00000	38.00000	0.00000	-0.17979	-0.29418	1.8114
				18.00000	38.00000	0.00000	-0.11978	-0.16840	1.4018
				19.00000	38.00000	0.00000	-0.044969	-0.054815	1.2897
				20.00000	38.00000	0.00000	0.0	0.0	1.1741
				21.00000	38.00000	0.00000	0.0	0.0	1.8557
				22.00000	38.00000	0.00000	0.0	0.0	1.6232
				23.00000	38.00000	0.00000	0.0	0.0	1.3808
				24.00000	38.00000	0.00000	0.0	0.0	1.1294
				25.00000	38.00000	0.00000	0.0	0.0	0.86991
				26.00000	38.00000	0.00000	0.0	0.0	0.60320
				27.00000	38.00000	0.00000	0.0	0.0	0.34227
				28.00000	38.00000	0.00000	0.0	0.0	0.25752
				29.00000	38.00000	0.00000	0.0	0.0	0.19977
				30.00000	38.00000	0.00000	0.0	0.0	0.14009
				-40.00000	39.00000	0.00000	0.0	0.0	0.0
				-39.00000	39.00000	0.00000	0.0	0.0	0.0
				-38.00000	39.00000	0.00000	0.0	0.0	0.0
				-37.00000	39.00000	0.00000	0.0	0.0	0.0
				-36.00000	39.00000	0.00000	0.0	0.0	0.0
				-35.00000	39.00000	0.00000	0.0	0.0	0.0
				-34.00000	39.00000	0.00000	0.0	0.0	0.0
				-33.00000	39.00000	0.00000	0.0	0.0	0.0
				-32.00000	39.00000	0.00000	0.0	0.0	0.0
				-31.00000	39.00000	0.00000	0.0	0.0	0.0
				-30.00000	39.00000	0.00000	0.0	0.0	0.0
				-29.00000	39.00000	0.00000	0.0	0.0	0.0
				-28.00000	39.00000	0.00000	0.0	0.0	0.0
				-27.00000	39.00000	0.00000	0.0	0.0	0.0
				-26.00000	39.00000	0.00000	0.0	0.0	0.0
				-25.00000	39.00000	0.00000	0.0	0.0	0.0
				-24.00000	39.00000	0.00000	0.0	0.0	0.0
				-23.00000	39.00000	0.00000	0.0	0.0	0.0
				-22.00000	39.00000	0.00000	0.0	0.0	0.0
				-21.00000	39.00000	0.00000	0.0	0.0	0.0
				-20.00000	39.00000	0.00000	0.0	0.0	0.065145
				-19.00000	39.00000	0.00000	0.0	0.0	0.13797
				-18.00000	39.00000	0.00000	0.0	0.0	0.20895
				-17.00000	39.00000	0.00000	0.0	0.0	0.28195
				-16.00000	39.00000	0.00000	0.0	0.0	0.35462
				-15.00000	39.00000	0.00000	0.0	0.0	0.48514
				-14.00000	39.00000	0.00000	0.0	0.0	0.63837
				-13.00000	39.00000	0.00000	0.0	0.0	0.78680
				-12.00000	39.00000	0.00000	0.0	0.0	0.92974
				-11.00000	39.00000	0.00000	0.021008	-0.055632	1.0784
				-10.00000	39.00000	0.00000	0.052772	-0.16656	1.2374
				-9.00000	39.00000	0.00000	0.072899	-0.27963	1.4075
				-8.00000	39.00000	0.00000	0.082027	-0.39252	1.5671
				-7.00000	39.00000	0.00000	0.10926	-0.54711	1.7272
				-6.00000	39.00000	0.00000	0.15856	-0.76648	1.8815
				-5.00000	39.00000	0.00000	0.18669	-0.98492	2.0477
				-4.00000	39.00000	0.00000	0.19537	-1.1974	2.1736
				-3.00000	39.00000	0.00000	0.18679	-1.3980	2.2887
				-2.00000	39.00000	0.00000	0.18159	-1.9766	2.8745
				-1.00000	39.00000	0.00000	0.17105	-2.1220	2.9532
				0.00000	39.00000	0.00000	0.14871	-2.2650	3.0278
				1.00000	39.00000	0.00000	0.11635	-2.4010	3.0960
				2.00000	39.00000	0.00000	0.076254	-2.5250	3.1555
				3.00000	39.00000	0.00000	0.031111	-2.6316	3.2039
				4.00000	39.00000	0.00000	0.0	-2.1130	2.1742
				5.00000	39.00000	0.00000	0.0	-2.1130	2.1742
				6.00000	39.00000	0.00000	0.0	-2.1130	2.1742
				7.00000	39.00000	0.00000	0.0	-2.1130	2.1742
				8.00000	39.00000	0.00000	-0.033908	-1.3519	1.4293
				9.00000	39.00000	0.00000	-0.078831	-1.2441	1.3802
				10.00000	39.00000	0.00000	-0.11854	-1.1192	1.3201
				11.00000	39.00000	0.00000	-0.15036	-0.98262	1.2514
				12.00000	39.00000	0.00000	-0.17203	-0.83938	1.1765
				13.00000	39.00000	0.00000	-0.18182	-0.69395	1.8536
				14.00000	39.00000	0.00000	-0.17847	-0.55004	1.7723



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	39.00000	0.00000	-0.16122	-0.41061	1.6896
				16.00000	39.00000	0.00000	-0.12972	-0.27787	1.6051
				17.00000	39.00000	0.00000	-0.083959	-0.15336	1.5176
				18.00000	39.00000	0.00000	-0.024173	-0.038074	1.1737
				19.00000	39.00000	0.00000	0.0	0.0	1.0753
				20.00000	39.00000	0.00000	0.0	0.0	0.98040
				21.00000	39.00000	0.00000	0.0	0.0	0.87962
				22.00000	39.00000	0.00000	0.0	0.0	1.2770
				23.00000	39.00000	0.00000	0.0	0.0	1.0409
				24.00000	39.00000	0.00000	0.0	0.0	0.79598
				25.00000	39.00000	0.00000	0.0	0.0	0.54296
				26.00000	39.00000	0.00000	0.0	0.0	0.31300
				27.00000	39.00000	0.00000	0.0	0.0	0.21031
				28.00000	39.00000	0.00000	0.0	0.0	0.15821
				29.00000	39.00000	0.00000	0.0	0.0	0.10370
				30.00000	39.00000	0.00000	0.0	0.0	0.047104
				-40.00000	40.00000	0.00000	0.0	0.0	0.0
				-39.00000	40.00000	0.00000	0.0	0.0	0.0
				-38.00000	40.00000	0.00000	0.0	0.0	0.0
				-37.00000	40.00000	0.00000	0.0	0.0	0.0
				-36.00000	40.00000	0.00000	0.0	0.0	0.0
				-35.00000	40.00000	0.00000	0.0	0.0	0.0
				-34.00000	40.00000	0.00000	0.0	0.0	0.0
				-33.00000	40.00000	0.00000	0.0	0.0	0.0
				-32.00000	40.00000	0.00000	0.0	0.0	0.0
				-31.00000	40.00000	0.00000	0.0	0.0	0.0
				-30.00000	40.00000	0.00000	0.0	0.0	0.0
				-29.00000	40.00000	0.00000	0.0	0.0	0.0
				-28.00000	40.00000	0.00000	0.0	0.0	0.0
				-27.00000	40.00000	0.00000	0.0	0.0	0.0
				-26.00000	40.00000	0.00000	0.0	0.0	0.0
				-25.00000	40.00000	0.00000	0.0	0.0	0.0
				-24.00000	40.00000	0.00000	0.0	0.0	0.0
				-23.00000	40.00000	0.00000	0.0	0.0	0.0
				-22.00000	40.00000	0.00000	0.0	0.0	0.0
				-21.00000	40.00000	0.00000	0.0	0.0	0.0
				-20.00000	40.00000	0.00000	0.0	0.0	0.0
				-19.00000	40.00000	0.00000	0.0	0.0	0.066724
				-18.00000	40.00000	0.00000	0.0	0.0	0.13765
				-17.00000	40.00000	0.00000	0.0	0.0	0.20815
				-16.00000	40.00000	0.00000	0.0	0.0	0.27805
				-15.00000	40.00000	0.00000	0.0	0.0	0.34717
				-14.00000	40.00000	0.00000	0.0	0.0	0.48746
				-13.00000	40.00000	0.00000	0.0	0.0	0.62969
				-12.00000	40.00000	0.00000	0.0	0.0	0.76618
				-11.00000	40.00000	0.00000	0.0	0.0	0.90069
				-10.00000	40.00000	0.00000	0.0	0.0	1.0353
				-9.00000	40.00000	0.00000	0.0098956	-0.041115	1.1756
				-8.00000	40.00000	0.00000	0.026113	-0.13499	1.3154
				-7.00000	40.00000	0.00000	0.033629	-0.22438	1.4467
				-6.00000	40.00000	0.00000	0.033633	-0.30637	1.5696
				-5.00000	40.00000	0.00000	0.074027	-0.48846	1.7044
				-4.00000	40.00000	0.00000	0.097742	-0.66301	1.8218
				-3.00000	40.00000	0.00000	0.10637	-0.82387	1.9253
				-2.00000	40.00000	0.00000	0.11184	-1.1924	2.5094
				-1.00000	40.00000	0.00000	0.11020	-1.3145	2.5770
				0.00000	40.00000	0.00000	0.098557	-1.4323	2.6396
				1.00000	40.00000	0.00000	0.078503	-1.5418	2.6959
				2.00000	40.00000	0.00000	0.052004	-1.6388	2.7446
				3.00000	40.00000	0.00000	0.021331	-1.7188	2.7840
				4.00000	40.00000	0.00000	0.0	-1.5523	1.8974
				5.00000	40.00000	0.00000	0.0	-1.5523	1.8974
				6.00000	40.00000	0.00000	0.0	-1.5523	1.8974
				7.00000	40.00000	0.00000	0.0	-1.5523	1.8974
				8.00000	40.00000	0.00000	-0.023245	-0.99463	1.2489
				9.00000	40.00000	0.00000	-0.053736	-0.91352	1.2089
				10.00000	40.00000	0.00000	-0.079909	-0.81563	1.1598
				11.00000	40.00000	0.00000	-0.099511	-0.70549	1.1030
				12.00000	40.00000	0.00000	-0.11060	-0.58737	1.0401
				13.00000	40.00000	0.00000	-0.11159	-0.46512	1.5282
				14.00000	40.00000	0.00000	-0.10131	-0.34206	1.4561



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	40.00000	0.00000	-0.078936	-0.22094	1.3796
				16.00000	40.00000	0.00000	-0.044002	-0.10390	1.2977
				17.00000	40.00000	0.00000	0.0	0.0	1.2076
				18.00000	40.00000	0.00000	0.0	0.0	0.95181
				19.00000	40.00000	0.00000	0.0	0.0	0.86966
				20.00000	40.00000	0.00000	0.0	0.0	0.78085
				21.00000	40.00000	0.00000	0.0	0.0	0.68599
				22.00000	40.00000	0.00000	0.0	0.0	0.93340
				23.00000	40.00000	0.00000	0.0	0.0	0.69920
				24.00000	40.00000	0.00000	0.0	0.0	0.46018
				25.00000	40.00000	0.00000	0.0	0.0	0.26162
				26.00000	40.00000	0.00000	0.0	0.0	0.15121
				27.00000	40.00000	0.00000	0.0	0.0	0.10516
				28.00000	40.00000	0.00000	0.0	0.0	0.056263
				29.00000	40.00000	0.00000	0.0	0.0	0.0048518
				30.00000	40.00000	0.00000	0.0	0.0	0.0
	2		Neighbouring Foundations	-40.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-39.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-38.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-37.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-36.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-35.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-34.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-33.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-32.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-31.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-30.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-29.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-28.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-27.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-26.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-25.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-24.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-23.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-22.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-21.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-20.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-19.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-18.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-17.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-16.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-15.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-14.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-13.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-12.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-11.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-10.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-9.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-8.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-7.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-6.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-5.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-4.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-3.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-2.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-1.00000	-30.00000	-0.80000	0.0	0.0	0.0
				0.00000	-30.00000	-0.80000	0.0	0.0	0.0
				1.00000	-30.00000	-0.80000	0.0	0.0	0.0
				2.00000	-30.00000	-0.80000	0.0	0.0	0.0
				3.00000	-30.00000	-0.80000	0.0	0.0	0.0
				4.00000	-30.00000	-0.80000	0.0	0.0	0.0
				5.00000	-30.00000	-0.80000	0.0	0.0	0.0
				6.00000	-30.00000	-0.80000	0.0	0.0	0.0
				7.00000	-30.00000	-0.80000	0.0	0.0	0.0
				8.00000	-30.00000	-0.80000	0.0	0.0	0.0
				9.00000	-30.00000	-0.80000	0.0	0.0	0.0
				10.00000	-30.00000	-0.80000	0.0	0.0	0.0
				11.00000	-30.00000	-0.80000	0.0	0.0	0.0
				12.00000	-30.00000	-0.80000	0.0	0.0	0.0
				13.00000	-30.00000	-0.80000	0.0	0.0	0.0
				14.00000	-30.00000	-0.80000	0.0	0.0	0.0



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	-30.00000	-0.80000	0.0	0.0	0.0
				16.00000	-30.00000	-0.80000	0.0	0.0	0.0
				17.00000	-30.00000	-0.80000	0.0	0.0	0.0
				18.00000	-30.00000	-0.80000	0.0	0.0	0.0
				19.00000	-30.00000	-0.80000	0.0	0.0	0.0
				20.00000	-30.00000	-0.80000	0.0	0.0	0.0
				21.00000	-30.00000	-0.80000	0.0	0.0	0.0
				22.00000	-30.00000	-0.80000	0.0	0.0	0.0
				23.00000	-30.00000	-0.80000	0.0	0.0	0.0
				24.00000	-30.00000	-0.80000	0.0	0.0	0.0
				25.00000	-30.00000	-0.80000	0.0	0.0	0.0
				26.00000	-30.00000	-0.80000	0.0	0.0	0.0
				27.00000	-30.00000	-0.80000	0.0	0.0	0.0
				28.00000	-30.00000	-0.80000	0.0	0.0	0.0
				29.00000	-30.00000	-0.80000	0.0	0.0	0.0
				30.00000	-30.00000	-0.80000	0.0	0.0	0.0
				-40.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-39.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-38.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-37.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-36.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-35.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-34.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-33.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-32.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-31.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-30.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-29.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-28.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-27.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-26.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-25.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-24.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-23.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-22.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-21.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-20.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-19.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-18.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-17.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-16.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-15.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-14.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-13.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-12.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-11.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-10.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-9.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-8.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-7.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-6.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-5.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-4.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-3.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-2.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-1.00000	-29.00000	-0.80000	0.0	0.0	0.0
				0.00000	-29.00000	-0.80000	0.0	0.0	0.0
				1.00000	-29.00000	-0.80000	0.0	0.0	0.0
				2.00000	-29.00000	-0.80000	0.0	0.0	0.0
				3.00000	-29.00000	-0.80000	0.0	0.0	0.0
				4.00000	-29.00000	-0.80000	0.0	0.0	0.0
				5.00000	-29.00000	-0.80000	0.0	0.0	0.0
				6.00000	-29.00000	-0.80000	0.0	0.0	0.0
				7.00000	-29.00000	-0.80000	0.0	0.0	0.0
				8.00000	-29.00000	-0.80000	0.0	0.0	0.0
				9.00000	-29.00000	-0.80000	0.0	0.0	0.0
				10.00000	-29.00000	-0.80000	0.0	0.0	0.0
				11.00000	-29.00000	-0.80000	0.0	0.0	0.0
				12.00000	-29.00000	-0.80000	0.0	0.0	0.0
				13.00000	-29.00000	-0.80000	0.0	0.0	0.0
				14.00000	-29.00000	-0.80000	0.0	0.0	0.0



Braemar Avenue
Short Term Analysis

Job No.	Sheet No.	Rev.
517419		
Drg. Ref.		
Made by HM	Date 12-Dec-2022	Checked Date

Stage: Ref.	Stage: Name	Disp. Grid: Ref.	Disp. Grid: Name	x	y	z	δx	δy	δz
				[m]	[m]	[m]	[mm]	[mm]	[mm]
				15.00000	-29.00000	-0.80000	0.0	0.0	0.0
				16.00000	-29.00000	-0.80000	0.0	0.0	0.0
				17.00000	-29.00000	-0.80000	0.0	0.0	0.0
				18.00000	-29.00000	-0.80000	0.0	0.0	0.0
				19.00000	-29.00000	-0.80000	0.0	0.0	0.0
				20.00000	-29.00000	-0.80000	0.0	0.0	0.0
				21.00000	-29.00000	-0.80000	0.0	0.0	0.0
				22.00000	-29.00000	-0.80000	0.0	0.0	0.0
				23.00000	-29.00000	-0.80000	0.0	0.0	0.0
				24.00000	-29.00000	-0.80000	0.0	0.0	0.0
				25.00000	-29.00000	-0.80000	0.0	0.0	0.0
				26.00000	-29.00000	-0.80000	0.0	0.0	0.0
				27.00000	-29.00000	-0.80000	0.0	0.0	0.0
				28.00000	-29.00000	-0.80000	0.0	0.0	0.0
				29.00000	-29.00000	-0.80000	0.0	0.0	0.0
				30.00000	-29.00000	-0.80000	0.0	0.0	0.0
				-40.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-39.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-38.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-37.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-36.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-35.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-34.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-33.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-32.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-31.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-30.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-29.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-28.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-27.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-26.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-25.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-24.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-23.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-22.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-21.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-20.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-19.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-18.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-17.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-16.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-15.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-14.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-13.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-12.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-11.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-10.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-9.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-8.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-7.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-6.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-5.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-4.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-3.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-2.00000	-28.00000	-0.80000	0.0	0.0	0.0
				-1.00000	-28.00000	-0.80000	0.0	0.0	0.0
				0.00000	-28.00000	-0.80000	0.0	0.0	0.0
				1.00000	-28.00000	-0.80000	0.0	0.0	0.0
				2.00000	-28.00000	-0.80000	0.0	0.0	0.0
				3.00000	-28.00000	-0.80000	0.0	0.0	0.0
				4.00000	-28.00000	-0.80000	0.0	0.0	0.0
				5.00000	-28.00000	-0.80000	0.0	0.0	0.0
				6.00000	-28.00000	-0.80000	0.0	0.0	0.0
				7.00000	-28.00000	-0.80000	0.0	0.0	0.0
				8.00000	-28.00000	-0.80000	0.0	0.0	0.0
				9.00000	-28.00000	-0.80000	0.0	0.0	0.0
				10.00000	-28.00000	-0.80000	0.0	0.0	0.0
				11.00000	-28.00000	-0.80000	0.0	0.0	0.0
				12.00000	-28.00000	-0.80000	0.0	0.0	0.0
				13.00000	-28.00000	-0.80000	0.0	0.0	0.0
				14.00000	-28.00000	-0.80000	0.0	0.0	0.0