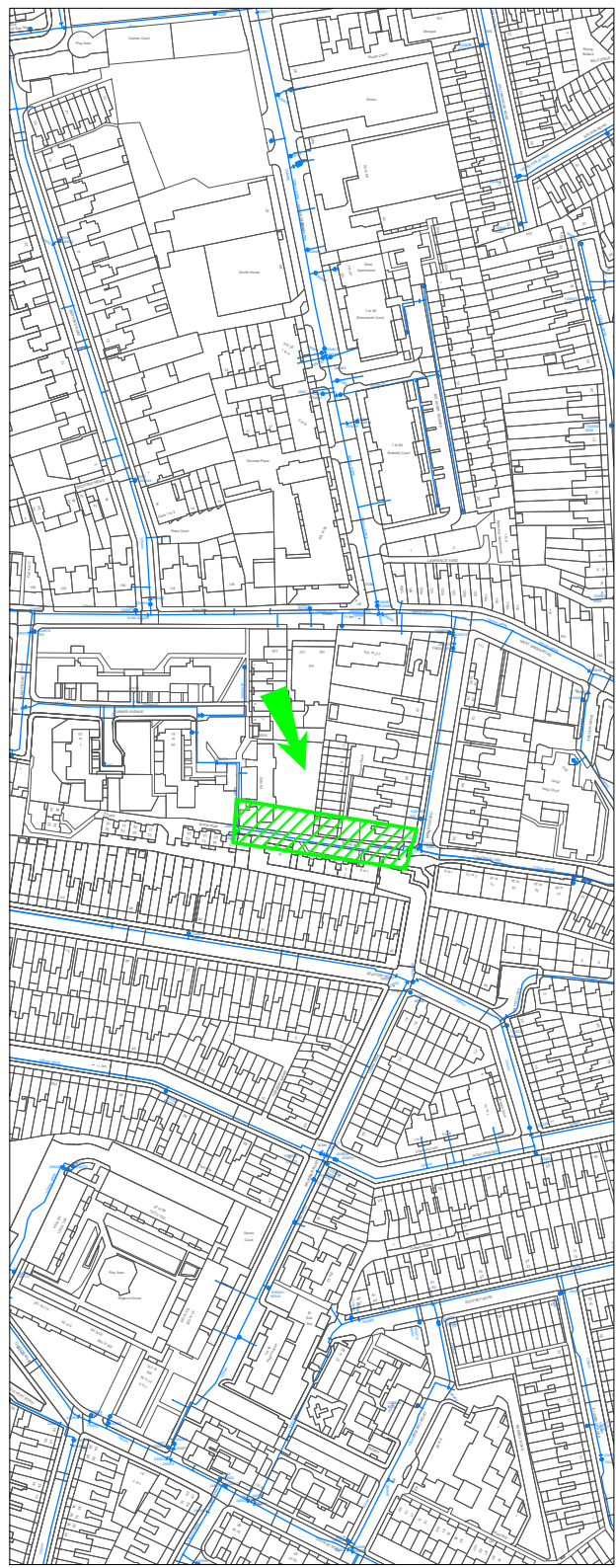




SITE LOCATION PLAN
(NOT TO SCALE)
GRID REF:TQ3314989036



1. BEWARE OF THE PROXIMITY OF EXISTING SERVICES AND HENCE DUE CARE AND ATTENTION SHOULD BE TAKEN BY THE CONSTRUCTION TEAM.



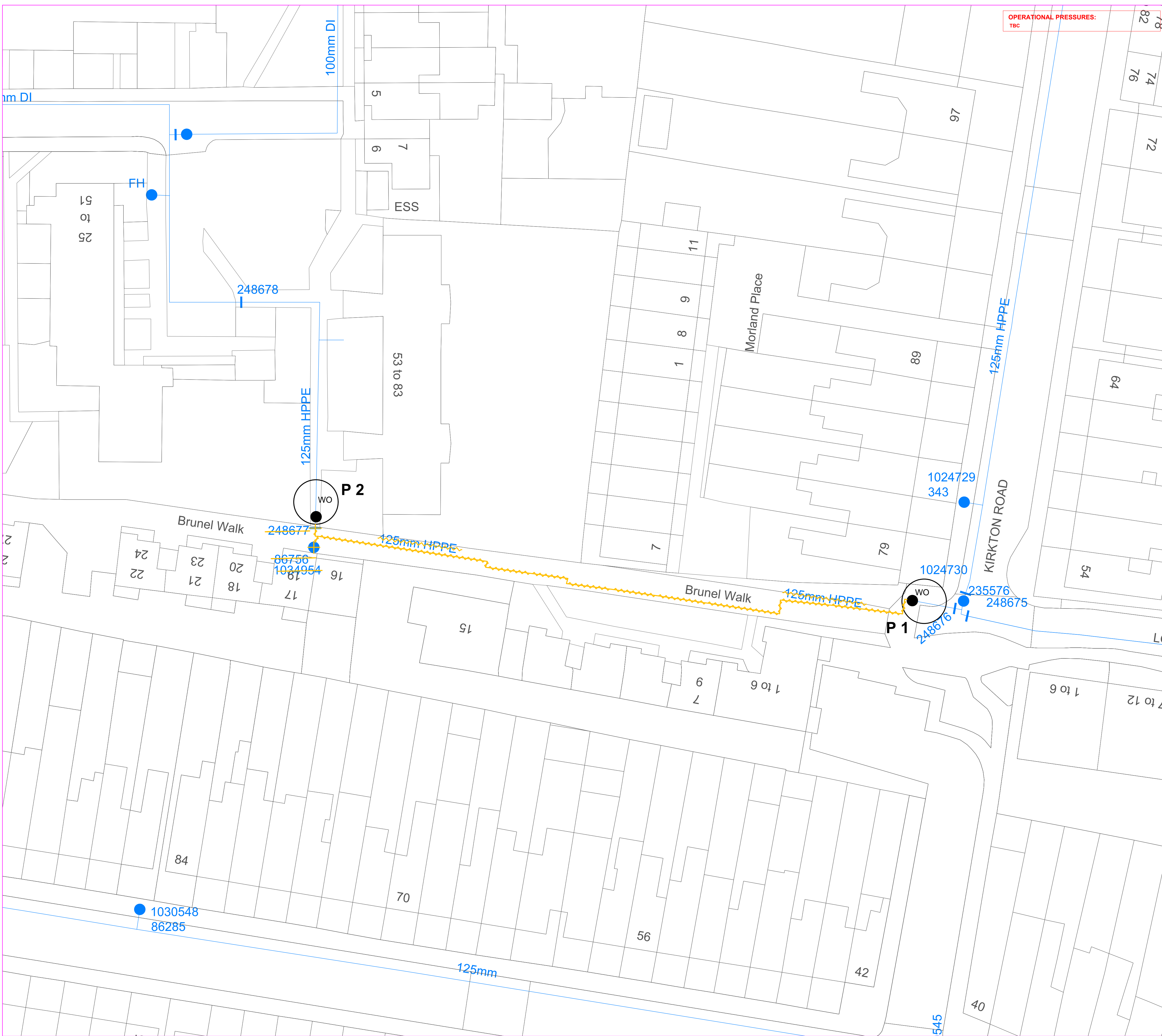
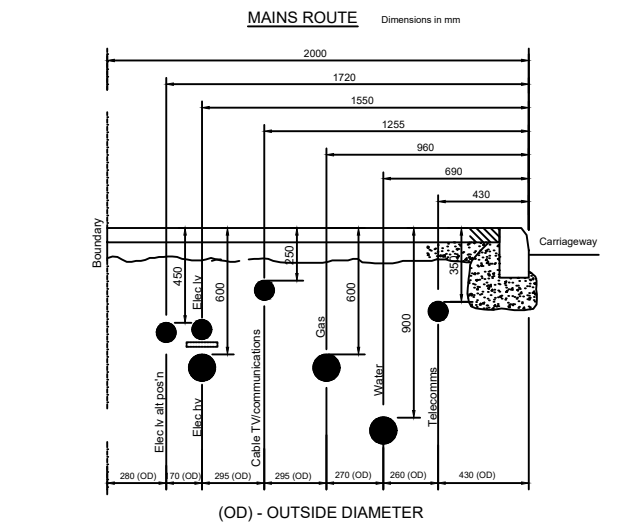
1. ALL THRUST BLOCKS TO BE SIZED BY THE DESIGN TEAM - REFER TO ASSET STANDARD DRAWING AM-DRG-WN-0226. LOCATION IS IDENTIFIED ON CONSTRUCTION DRAWING.
2. EXACT ROUTE OF PROPOSED MAIN TO BE DETERMINED ON SITE BY THE CONSTRUCTION TEAM.
3. HIGHWAY NOTICE TO BE APPLIED FOR BY THE CONSTRUCTION TEAM.

DESCRIPTION	PREVIOUS ACTION	RESULT
DIGGING TRENCH, OPERATING CLOSE TO EXISTING UTILITIES	UTILITY MAP	Permit to work must be obtained

- PREFERRED LAYOUT FOR MAINS IN A 2 METRES WIDE FOOTWAY:
- NOTES:
- THE LAYOUT OF MAINS IS GENERALLY IN ACCORDANCE WITH THE REPORT OF JOINT COMMITTEE ON LOCATION OF UNDERGROUND SERVICES PUBLISHED BY THE INSTITUTION OF CIVIL ENGINEERS.
 - THE DIMENSIONS SHOWN REPRESENT THE PREFERRED ARRANGEMENT IN STRAIGHT ROUTES ON RESIDENTIAL ESTATES. VARIATIONS MAY BE NECESSARY AT CURVES AND CHANGES OF GRADIENT.
 - THE SPACE ALLOCATED IS CONSIDERED TO BE THE ABSOLUTE MINIMUM AND IN CERTAIN CIRCUMSTANCES E.G. WHERE BOTH HV AND LV CABLES ARE LAID IN ALTERNATIVE POSITION AND ADDITIONAL WIDTH MAY BE REQUIRED.
 - WHERE SERVICES ARE TO BE CONNECTED TO GAS MAIN A MINIMUM DISTANCE OF 2.0M IS REQUIRED BETWEEN THE BUILDING LINE AND THE CENTRE LINE OF THE MAIN.
 - MINIMUM DISTANCE OF ANY WATER SERVICE TO ANY SURFACE/FOUL WATER STRUCTURE IS 300mm.

COVER OF WATER MAIN
UP TO 12(300mm) 900mm
12(300mm) TO 24(500mm) 1100mm
24(500mm) AND OVER 1200mm

TRENCH WIDTH
NOMINAL TRENCH WIDTHS TO ALLOW FOR 100mm BED AND SURROUND TO MAIN.



OPERATIONAL PRESSURES:
TBC

SCHEDULE OF FITTINGS

ALL FITTINGS MATERIALS, PIPES & JOINTS ARE TO BE INSTALLED IN ACCORDANCE WITH LOTS 12 AND 4 OF THE DELIVERY CONTRACTS APRIL 2022

POINT NUMBER	FITTINGS
Point 1	1 FLANGED ADAPTOR(100MM) 1 DUCKFOOT BEND FLANGED(100MM) 1 WASHOUT+CHAMBER(80MM) 1 FLANGED ADAPTOR(100MM)
Point 2	1 DUCKFOOT BEND FLANGED(100MM) 1 WASHOUT+CHAMBER(80MM)

NOTES:

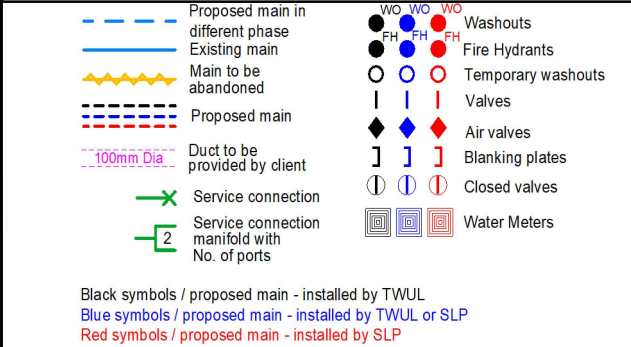
- ALL END WASHOUTS TO BE POSITIONED NO MORE THAN 1m PAST LAST DRAIN OFF POINT.
- ALL FIRE HYDRANTS TO BE INSTALLED TO BS759. THEY MUST BE THROUGH-BORE TYPE UNLESS OTHERWISE SPECIFIED.
- ALL FITTINGS & CHAMBERS WITH IN VERGES/ROOT GROUND MUST BE ADEQUATELY SUPPORTED BY 140mm LAYER OF CONCRETE WITH A LAYER OF 400 MESH ON BUTTABLE COMPACTED MATERIAL TO A DEPTH OF 150mm.
- ALL 'OPEN ENDED' PIPE WORK FOLLOWING ABANDONMENT OF MAINS, AND REMOVAL OF FITTINGS (IN OFF-SITE CONDITIONS), MUST BE CAPPED TO ENSURE THERE IS NO INTRUSION OF ANY FOREIGN MATERIAL, ETC. WHICH COULD RESULT IN FUTURE GROUND SUBSIDENCE.
- THE ACTUAL LINE AND DEPTH OF THE MAIN OR PIPE AS SHOWN IS SUBJECT TO VARIATION DUE TO OBSTRUCTIONS.
- LEVELS AND LEVELS FOR ALL ON-SITE DEVELOPMENT ARE THE RESPONSIBILITY OF THE DEVELOPER. IF ANY VARIATIONS TO THE LINES OR LEVELS ARE MADE AFTER THE WATER MAINS, SERVICE PIPES OR OTHER WATER APPARATUS ARE A LAID, THE DEVELOPER WILL BE LIABLE FOR THE COST OF ANY SUBSEQUENT ALTERATIONS REQUIRED.
- DISTANCES SHOWN ARE APPROXIMATE AND SITE MEASURED DISTANCE MAY VARY.
- PLEASE NOTE THAT FITTINGS AND PIPE SIZE ARE NOT SHOWN TO SCALE. (THE LINE OF PROPOSED MAINS AND ASSOCIATED FITTINGS ARE INDICATIVE ONLY. QUERIES SHOULD BE REFERRED TO THE THAMES WATER FIELD DELIVERY REPRESENTATIVE.
- ALL DUCTILE IRON PIPE AND JOINTS FOR BOTH DUCTILE IRON AND BARRIER PIPE NEEDS TO BE APPROPRIATELY WRAPPED UNLESS OTHERWISE SPECIFIED.
- MAINS TO BE INSTALLED AT A UNIFORM DEPTH WITH THE MINIMUM NUMBER OF BENDS REQUIRED AND TO BE LAID IN A DIRECT ROUTE AS FAR AS PRACTICALLY POSSIBLE.
- THE POSITION OF EXISTING BURIED SERVICES / ASSETS TO BE POSITIVELY CONFIRMED ON SITE BY THE DELIVERY CONTRACTOR PRIOR TO ANY INTRUSIVE WORK.
- ALL PIPEWORK TO BE SDR17 PE100 UNLESS OTHERWISE SPECIFIED.
- UNDER PRESSURE TESS SHOULD BE USED WHEN CONNECTING INTO EXISTING MAINS UNLESS OTHERWISE SPECIFIED.
- FOUNDATION BLOCKS SHOULD BE USED UNDERNEATH ALL UNDER PRESSURE TESS UNLESS SPACE PRECLUDES THE INSTALLATION. REFER TO DS STANDARD DRAWING DS-DRG-WN-0324.
- 'AQUAGRIP' ADAPTORS TO BE USED ON ALL 'PRICE UP' AND 'PULL CUT-OUTS' ON HP/EP/AD/EP/PIPE MAINS UNLESS OTHERWISE SPECIFIED.

WHAT THREE WORDS:
radar.wizard.bowl

REV	DESCRIPTION	DRN/CHK	APP	DATE
1	FOR INFORMATION	SD		13/08/24

SITE LOCATION:
MAIN DIVERSION AT BRUNEL WALK
LONDON
N15 5EJ

MATERIAL:	DIA:	mm	LENGTH:	m
MATERIAL:	DIA:	mm	LENGTH:	m
MATERIAL:	DIA:	mm	LENGTH:	m
MATERIAL:	DIA:	mm	LENGTH:	m



 THAMES WATER UTILITIES DEVELOPER SERVICES CUSTOMER EXPERIENCE CLAREMOUNT COURT, WATERSIDE ROAD, READING RG1 1QB TEL: 0800 059 3821 EMAIL: enquiries@thameswater.co.uk THAMESWATER.CO.UK	SUB-CASE/DRAWING NO: 50318342														
	DRAWING REVISION: 1														
	SERVICE ORDER NO: 81380601														
	SLY-SUBCASE NO: -														
	SLY-SERV. ORDER: -														
	SCHEME NO: L174														
	GRID REF: 533199, 159010														
	SCALE: 1:250 @ A1														
	DESIGN BY: K.KUMAR 13/08/24														
	DRAWN BY: S.DICKMAN 13/08/24														
BASED ON DEVELOPER'S DWG: N/A															
LINES AND LEVELS CONFIRMED DURING SITE MEETING HELD ON:-															
<table><tr><td>CONTRACTOR</td><td>SURVEYOR</td><td>CUSTOMER</td></tr><tr><td>NAME</td><td></td><td></td></tr><tr><td>SIGNATURE</td><td></td><td></td></tr><tr><td>COMPANY</td><td></td><td></td></tr></table>				CONTRACTOR	SURVEYOR	CUSTOMER	NAME			SIGNATURE			COMPANY		
CONTRACTOR	SURVEYOR	CUSTOMER													
NAME															
SIGNATURE															
COMPANY															

CAD DATE: 13/08/2024 CAD: 01