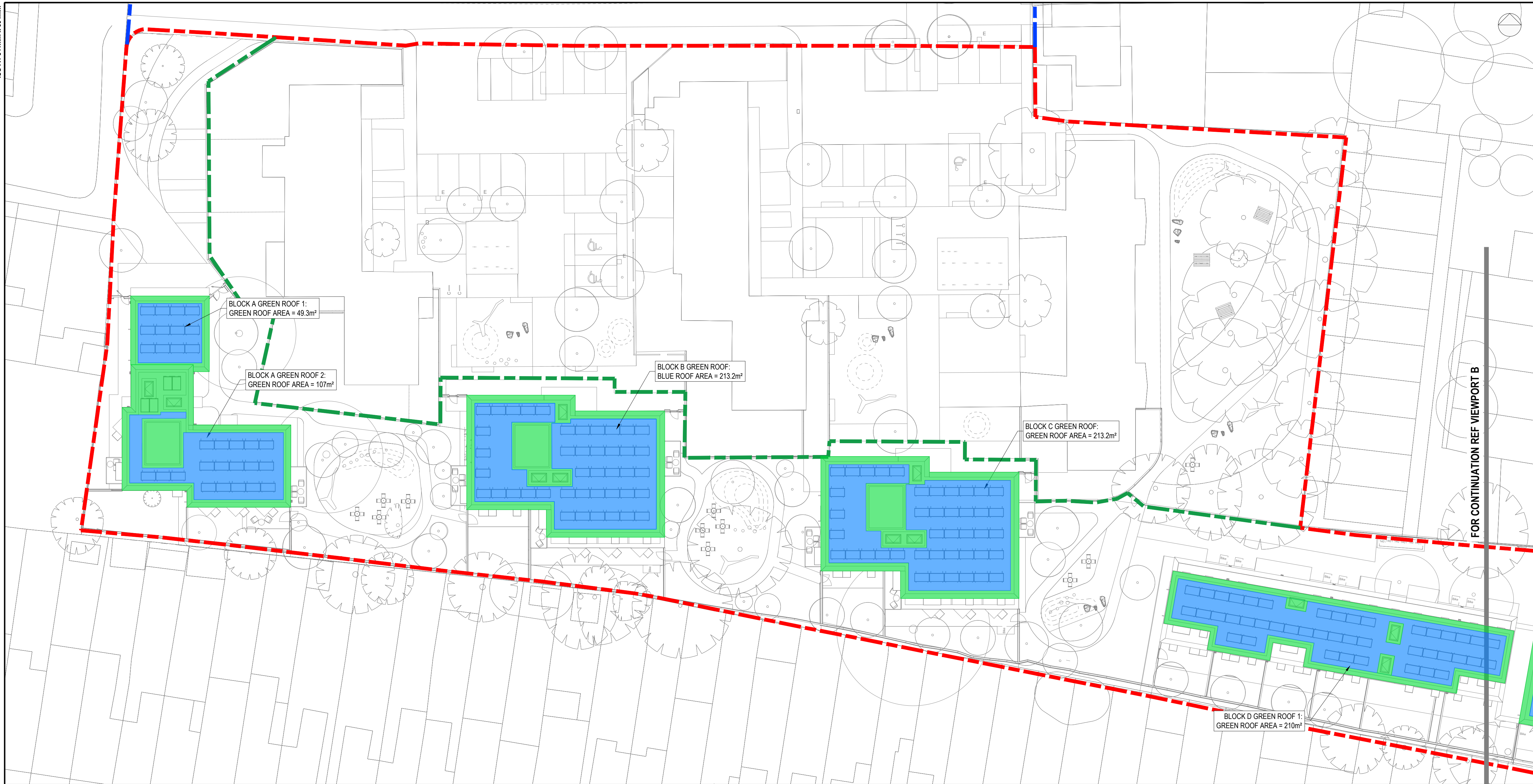




VIEWPORT A



VIEWPORT B

PRELIMINARY
NOT FOR CONSTRUCTION

[illegible]

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KEY:

	APPLICATION BOUNDARY
	AREA CONSIDERED IN DRAINAGE STRATEGY - NEW BUILD DEVELOPMENT
	GREEN ROOF AREA
	TRADITIONAL ROOF AREA CATCHMENTS (NOT DRAINING VIA GREEN ROOF)

FOR CONTINUATION REF VIEWPORT B

CDM RESIDUAL CIVIL / STRUCTURAL DESIGN RISKS

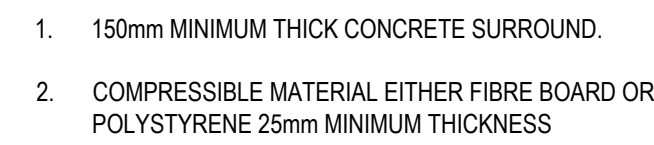


PROJECT
1-36 BRUNEL WALK
TOTTENHAM
LONDON
N15 5HQ

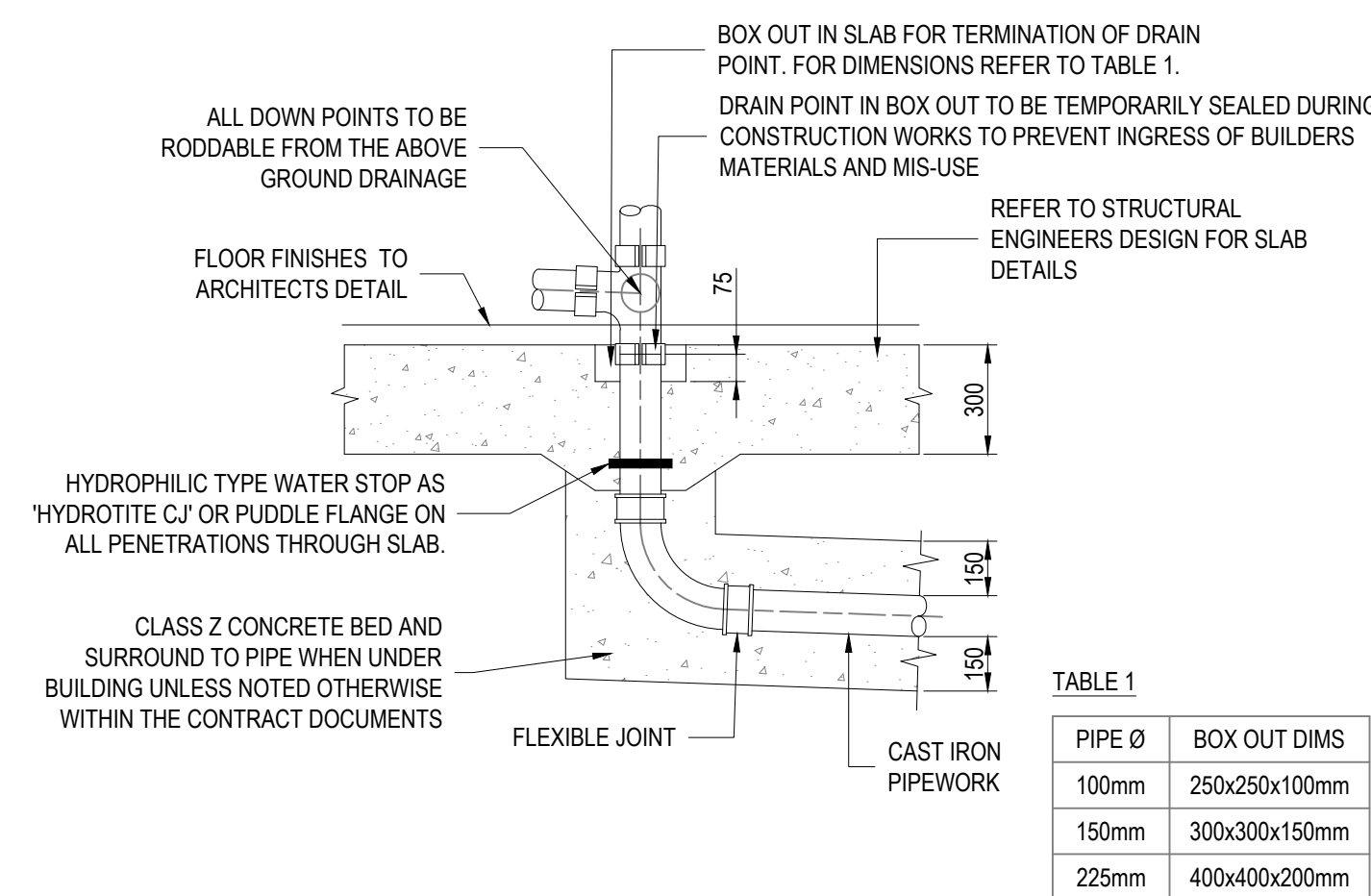
CLIENT
LONDON BOROUGH OF HARINGEY

TITLE
PROPOSED SURFACE WATER
BLUE ROOF PLAN

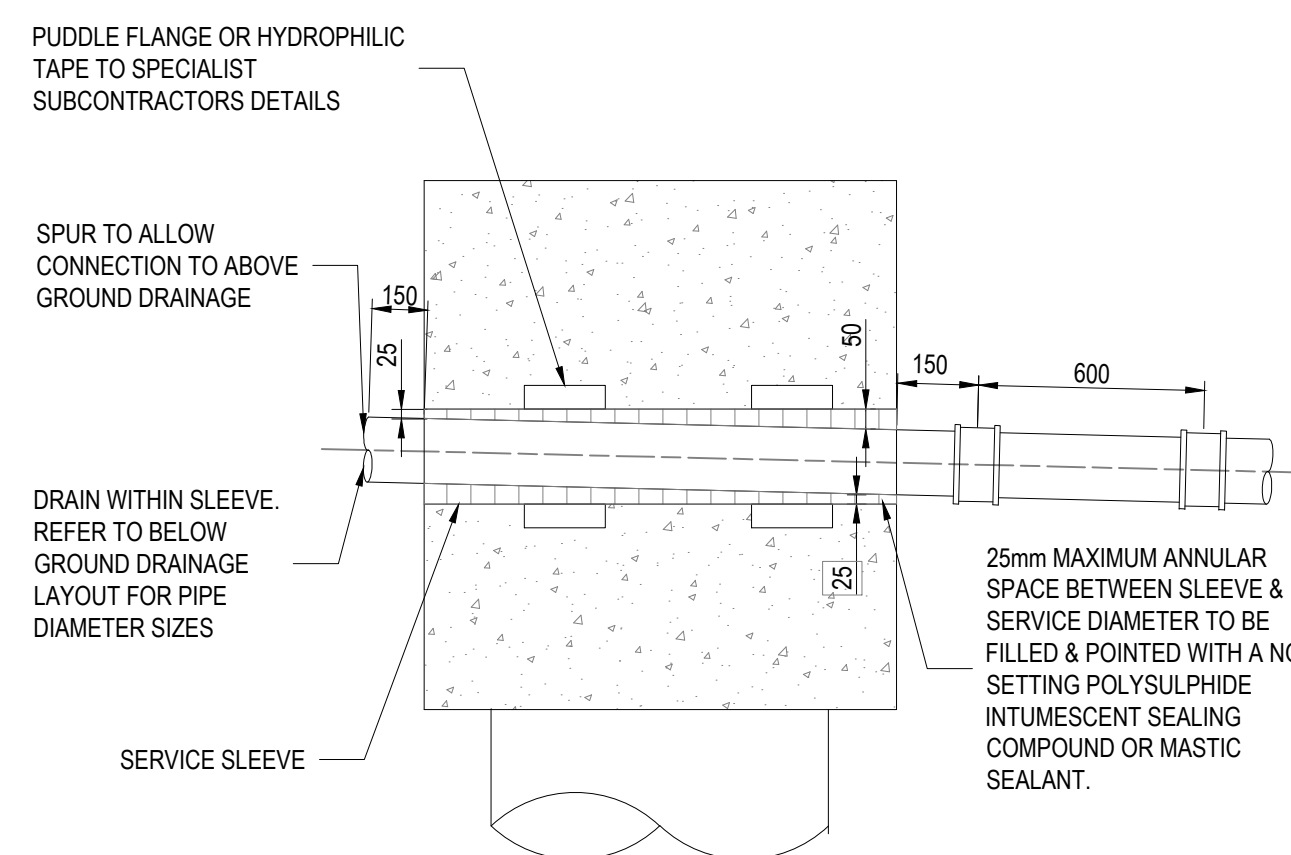
DISCIPLINE CIVIL			SCALE 1:100
DRAWN LH	DESIGNED LH	CHECKED GB	APPROVED GB
DRAWING No 2844-MHT-CV-RF-XX-110			ISSUE P02



DRAIN WITH CONCRETE SURROUND



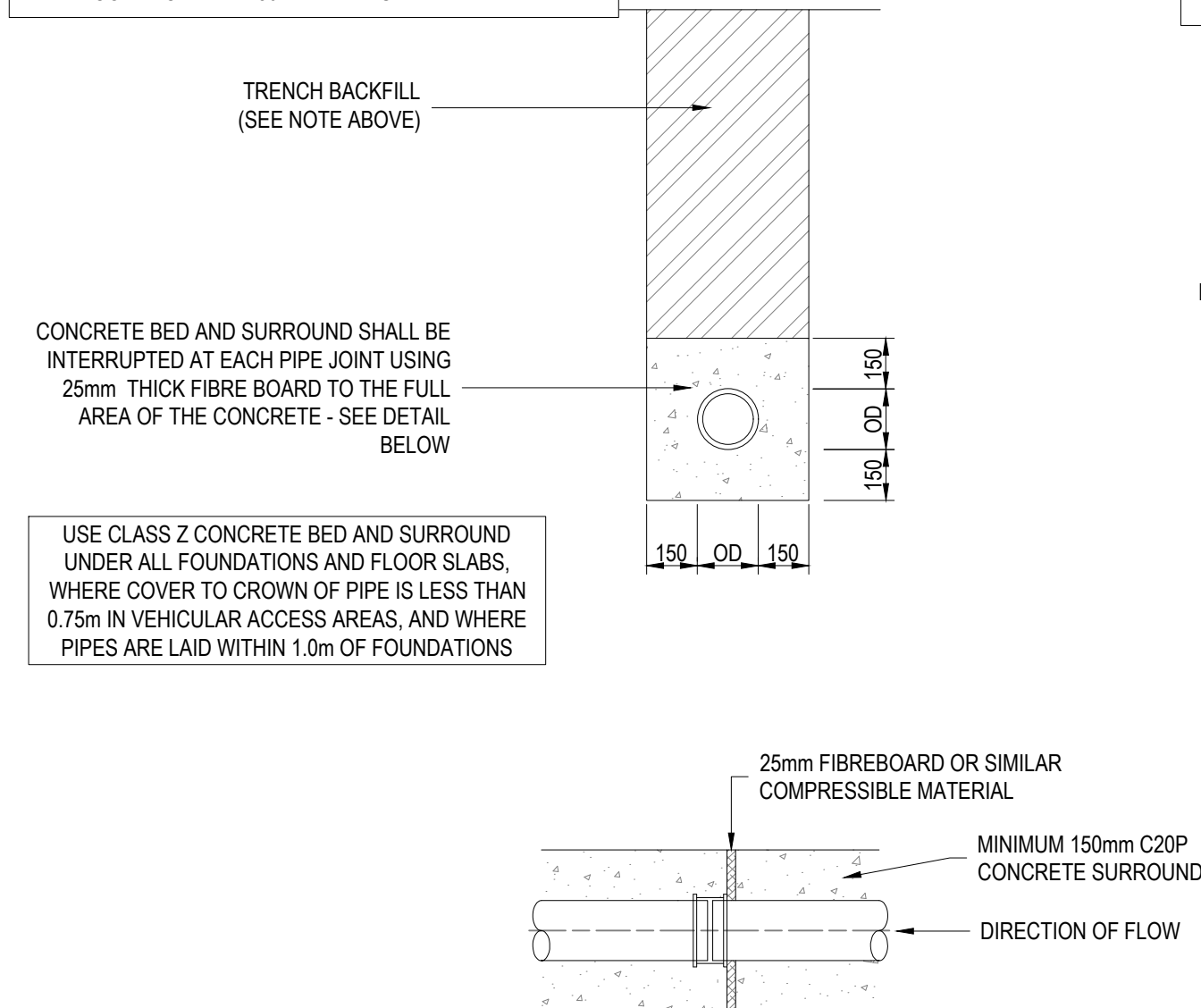
TYPICAL DRAIN POINT



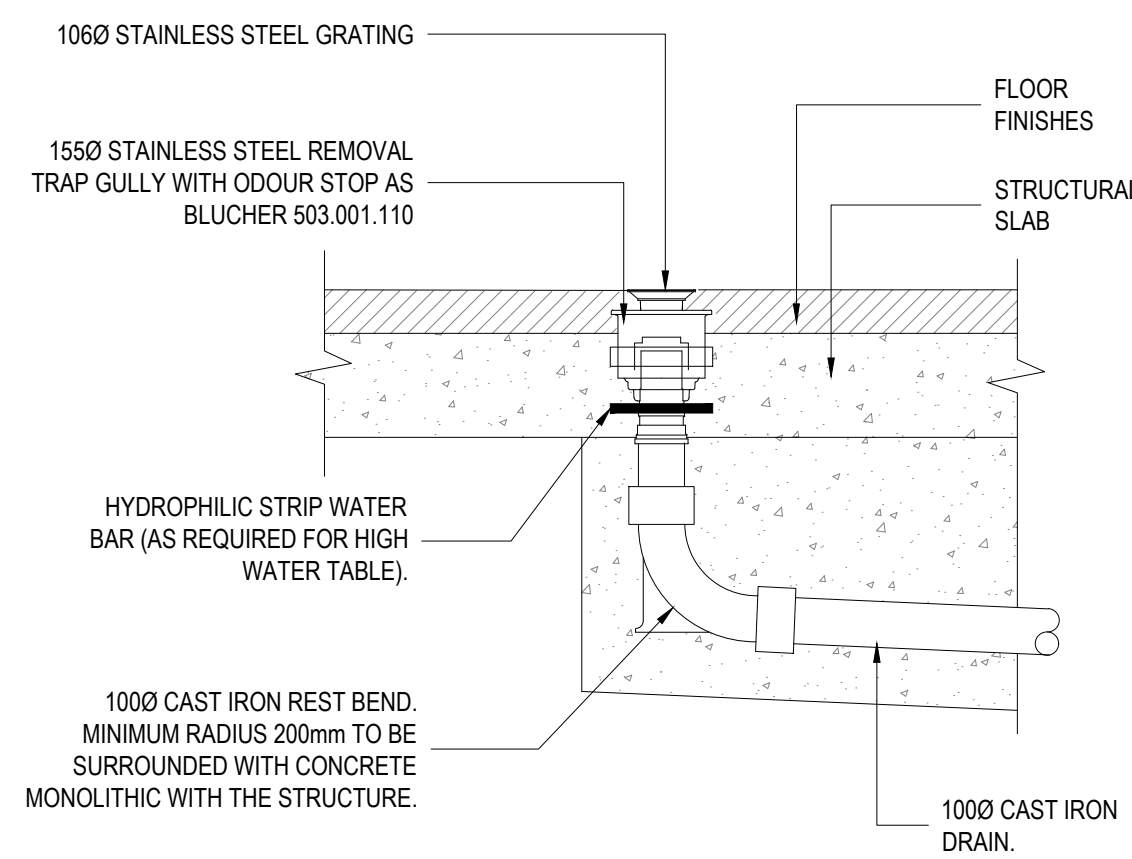
INDICATIVE PILED RAFT FOUNDATION
PENETRATION DETAIL

TRENCH BACKFILL NOTE

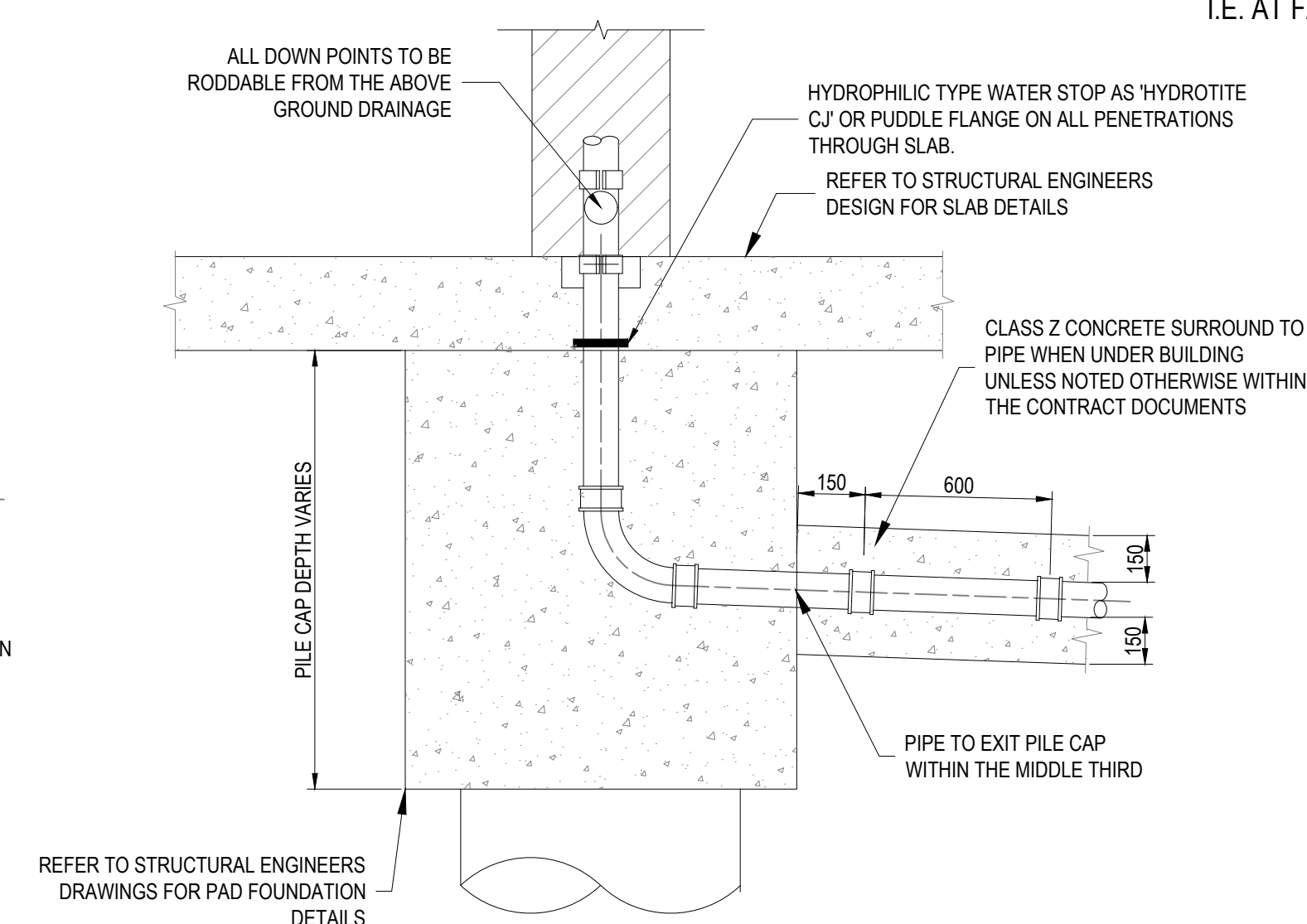
1. ROADS AND FOOTPATHS: TYPE 1 GRANULAR MATERIAL COMPACTED IN 150mm LAYERS TO THE UNDERSIDE OF SURFACE CONSTRUCTION
2. ELSEWHERE: SELECTED EXCAVATED MATERIAL COMPACTED IN 150mm LAYERS



CLASS Z CONCRETE BED AND SURROUND



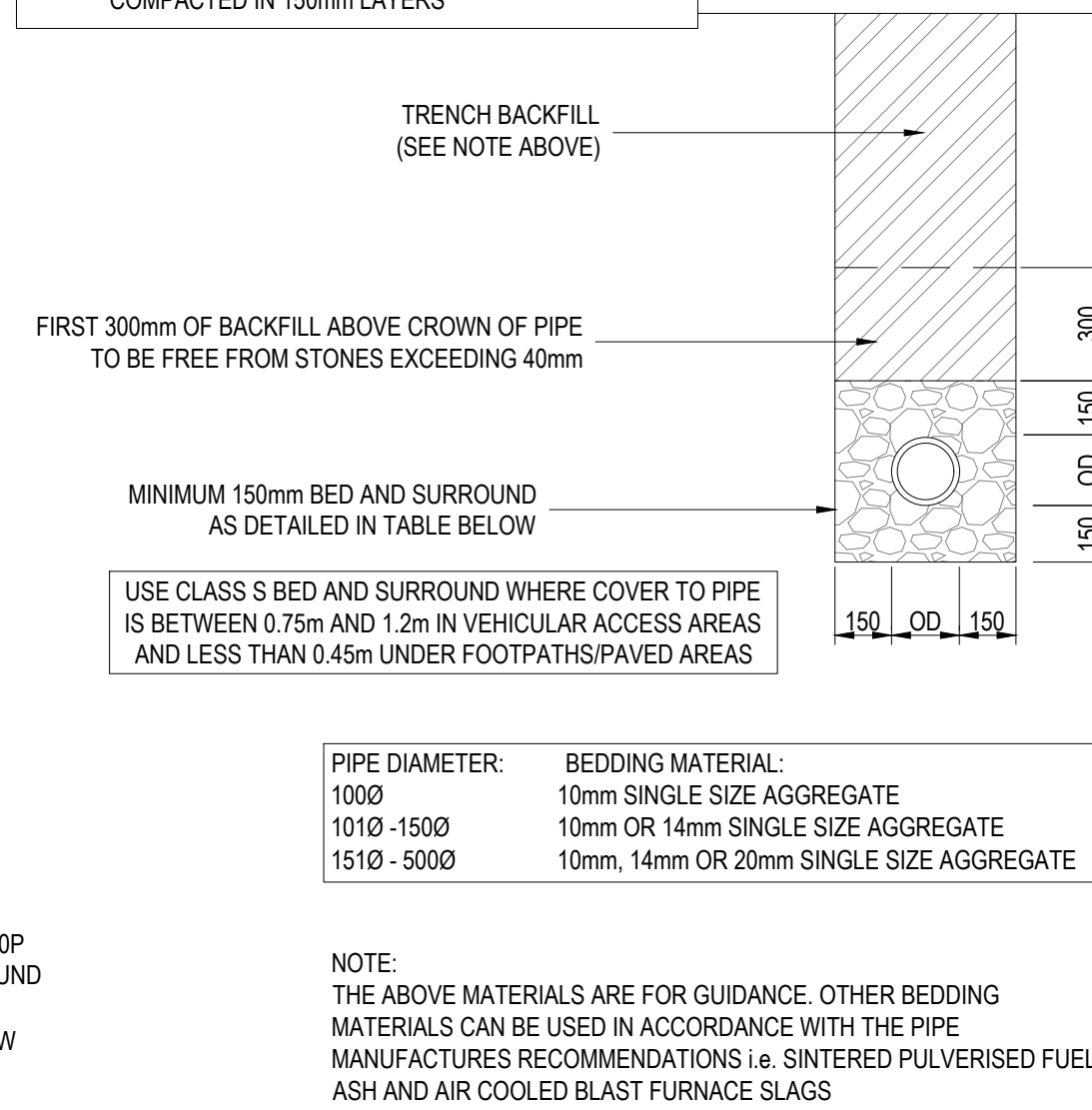
INTERNAL FLOOR GULLY WITH ODOUR STOP



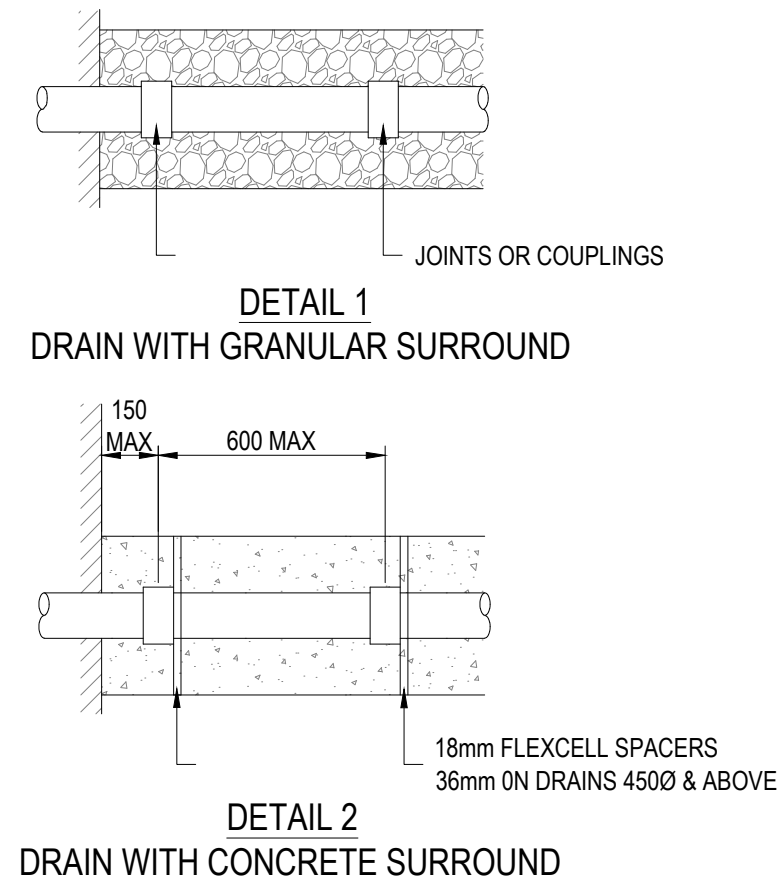
TYPICAL DRAIN POINT
STARTING WITHIN PILE CAP

TRENCH BACKFILL NOTE

1. ROADS AND FOOTPATHS: TYPE 1 GRANULAR MATERIAL COMPACTED IN 150mm LAYERS TO THE UNDERSIDE OF SURFACE CONSTRUCTION
2. ELSEWHERE: SELECTED EXCAVATED MATERIAL COMPACTED IN 150mm LAYERS



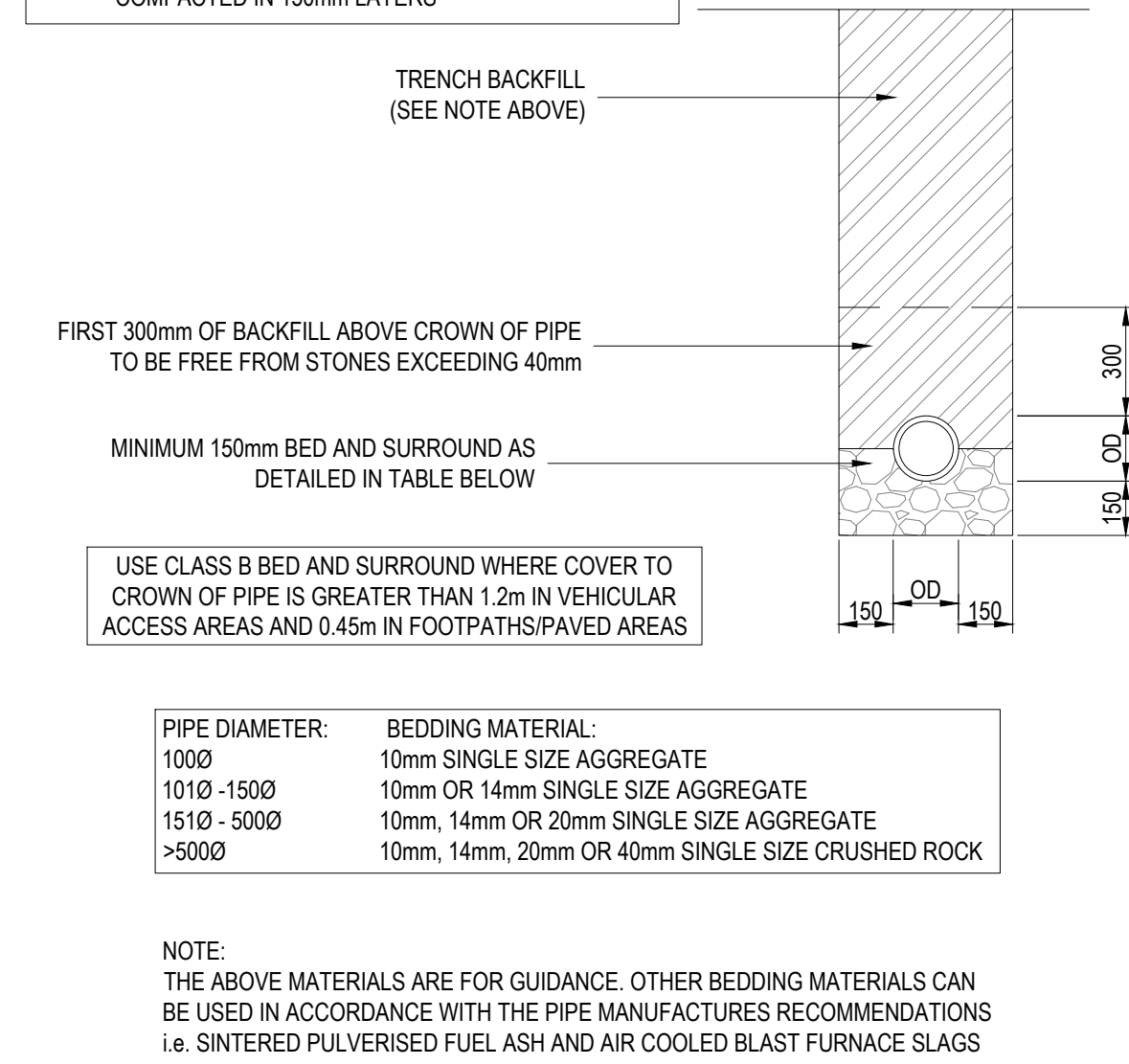
CLASS S GRANULAR BED AND SURROUND



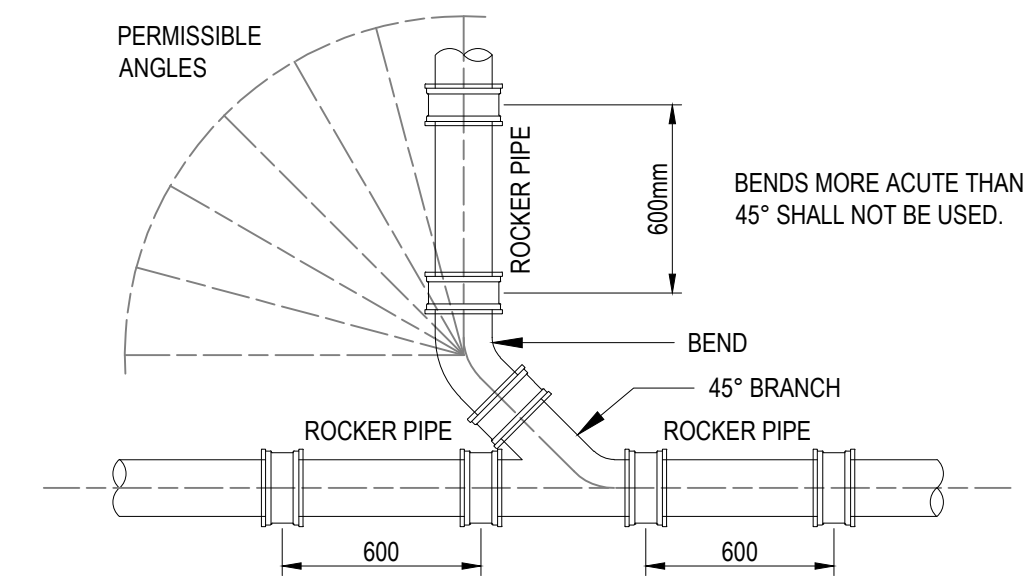
ROCKER PIPE ASSEMBLY
THESE DETAILS APPLY TO ALL DRAINS AT FIXED POINTS
I.E. AT FACE OF STRUCTURE, CHAMBERS ETC.

TRENCH BACKFILL NOTE

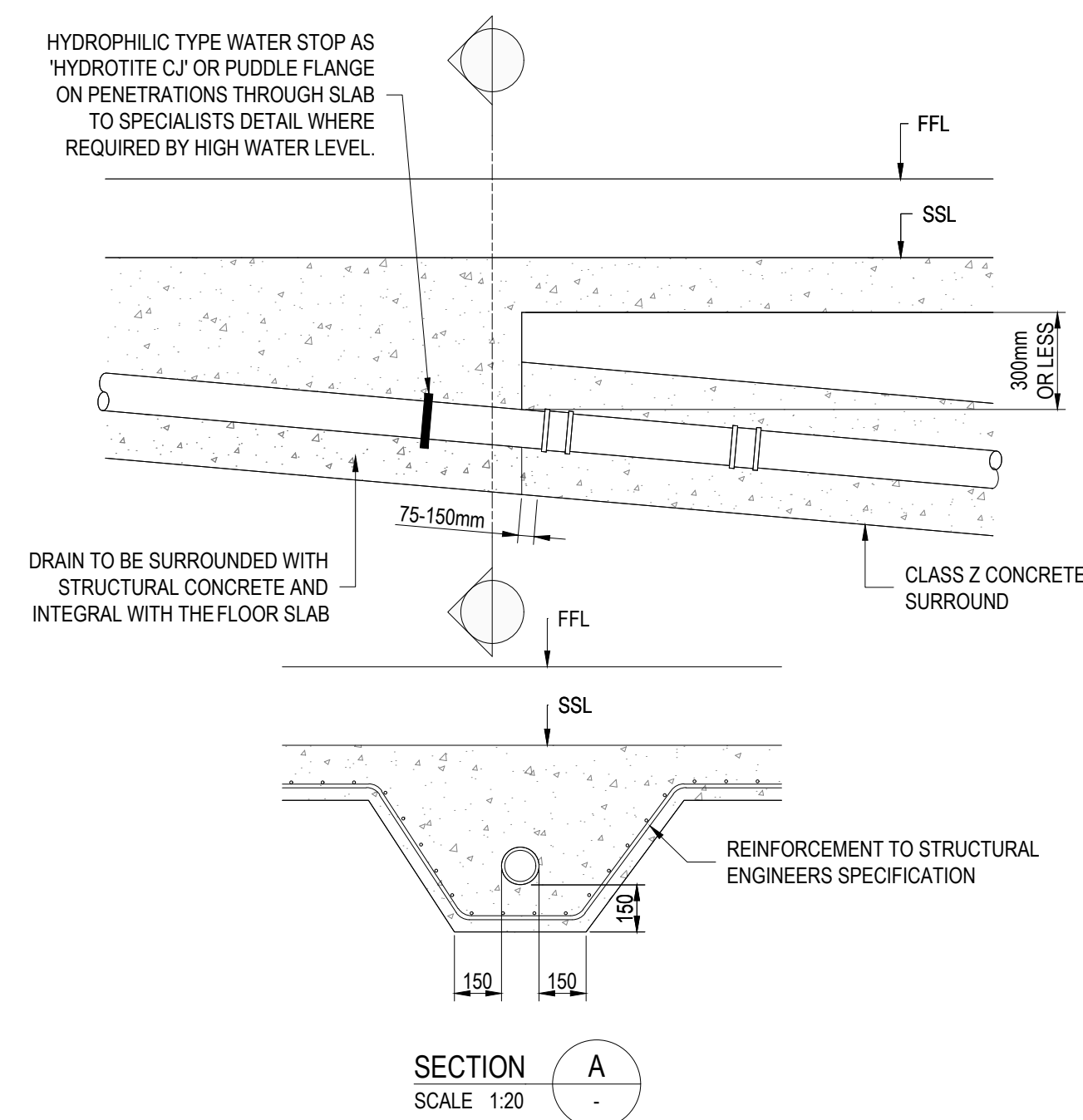
1. ROADS AND FOOTPATHS: TYPE 1 GRANULAR MATERIAL COMPACTED IN 150mm LAYERS TO THE UNDERSIDE OF SURFACE CONSTRUCTION
2. ELSEWHERE: SELECTED EXCAVATED MATERIAL COMPACTED IN 150mm LAYERS



CLASS B GRANULAR BED AND SURROUND



OBLIQUE JUNCTION ARRANGEMENT DETAIL



CLASS Y CONCRETE SURROUND DETAILS
(PIPE WITHIN 300mm OF FLOOR SLAB)

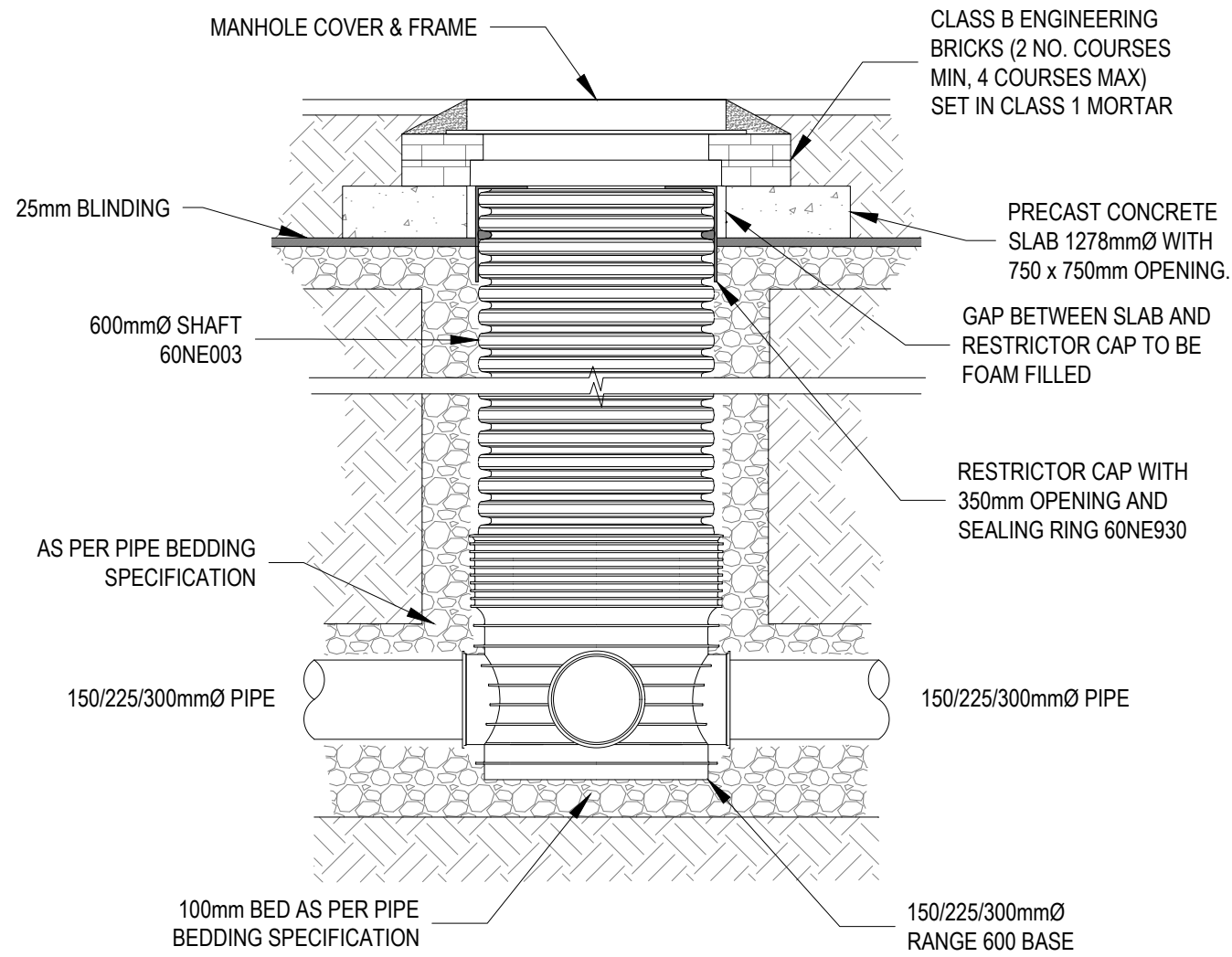
PRELIMINARY
NOT FOR CONSTRUCTION

[illegible]

NOTES:

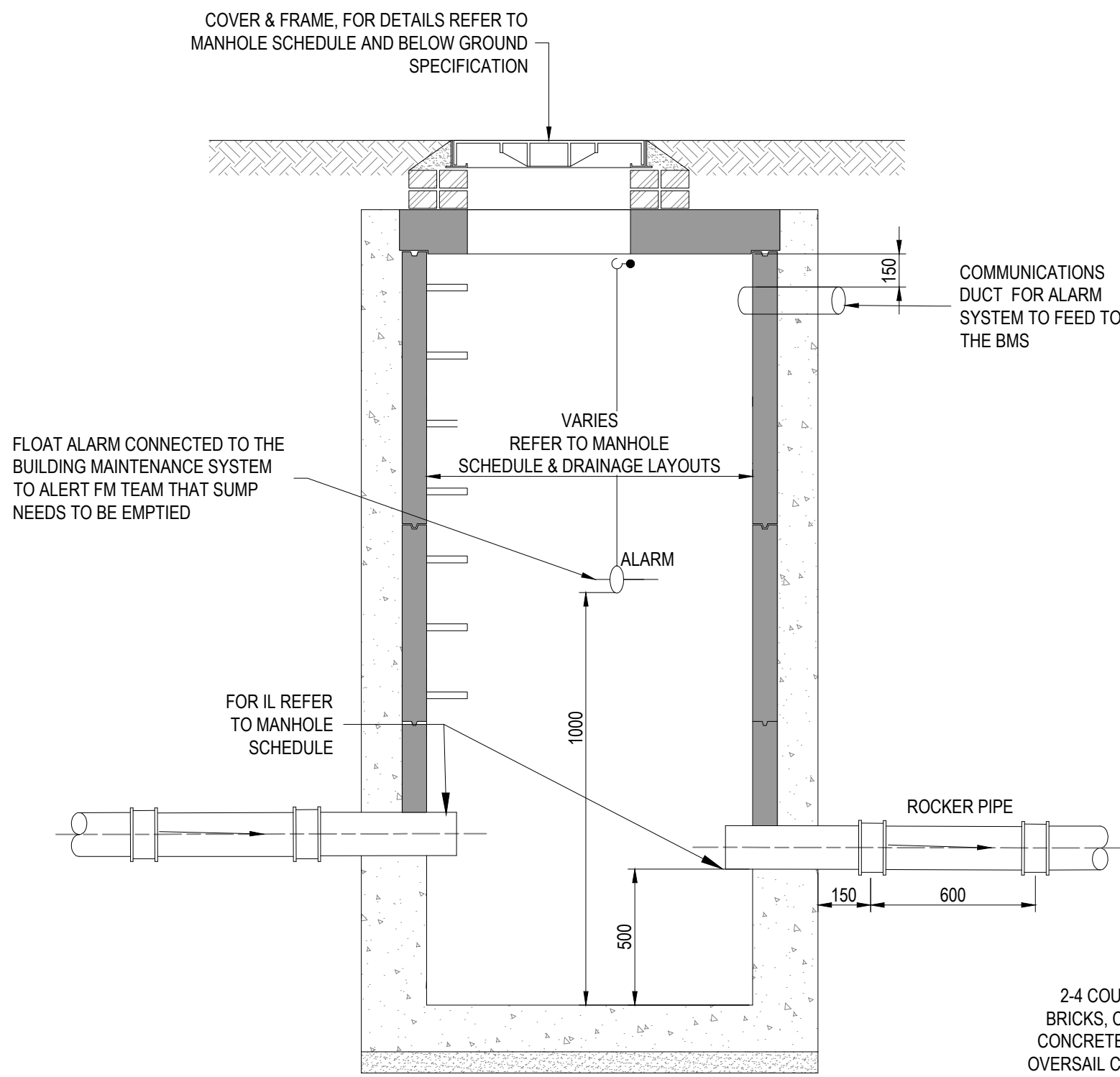
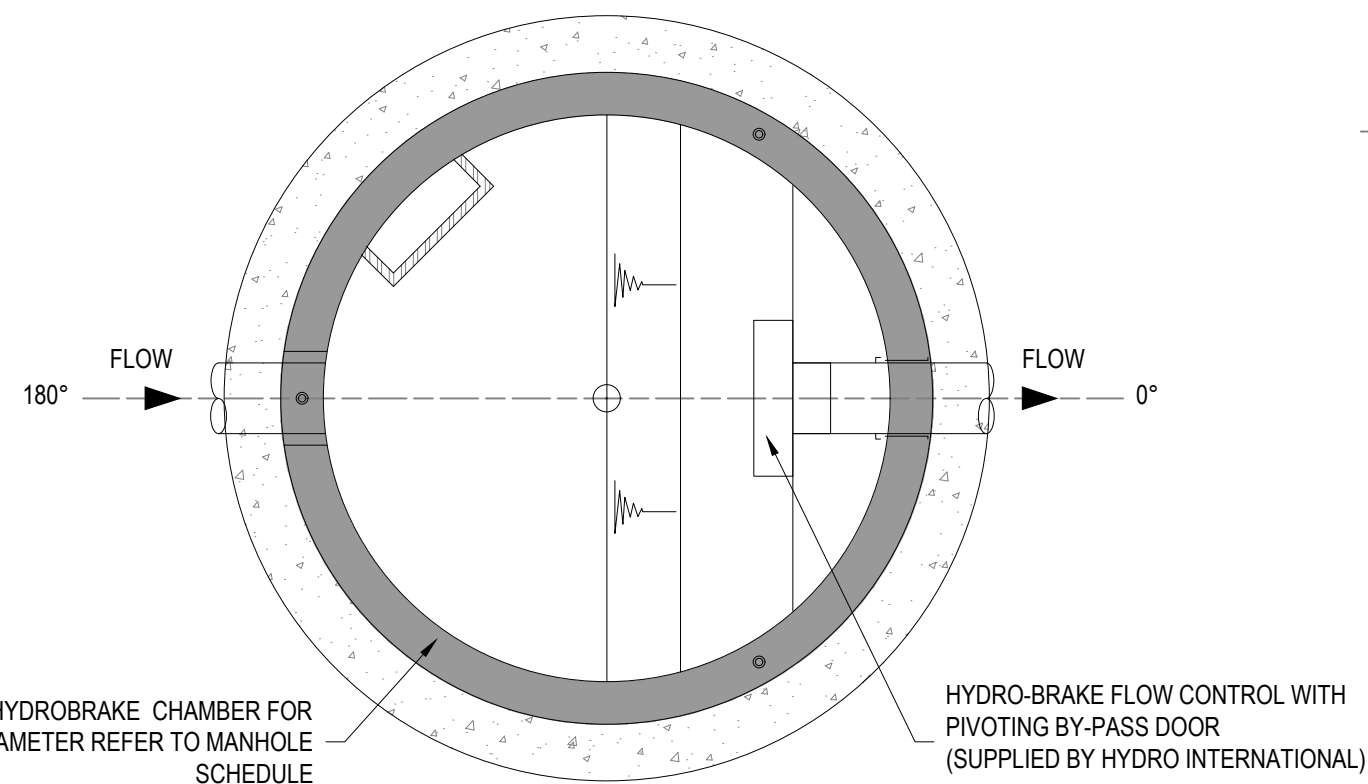
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CDM RESIDUAL CIVIL / STRUCTURAL DESIGN RISKS					
The logo consists of the word "MEIN" in blue followed by a red square containing a white plus sign, and then the word "HARDT" in blue. 10 Aldergate Street, London EC1A 4JU Telephone: +44 (0)20 7831 7969 www.meinhardt.co.uk					
PROJECT 1-36 BRUNEL WALK TOTTENHAM LONDON N15 5HQ					
CLIENT CITY OF TOTTENHAM COUNCIL LONDON BOROUGH OF HARINGEY					
TITLE PROPOSED DRAINAGE STANDARD DETAILS SHEET 1					
DISCIPLINE CIVIL				SCALE 1:20	
DRAWN LH	DESIGNED LH	CHECKED GB	APPROVED GB		
DRAWING No 2844-MHT-CV-XX-XX-200			ISSUE P01		

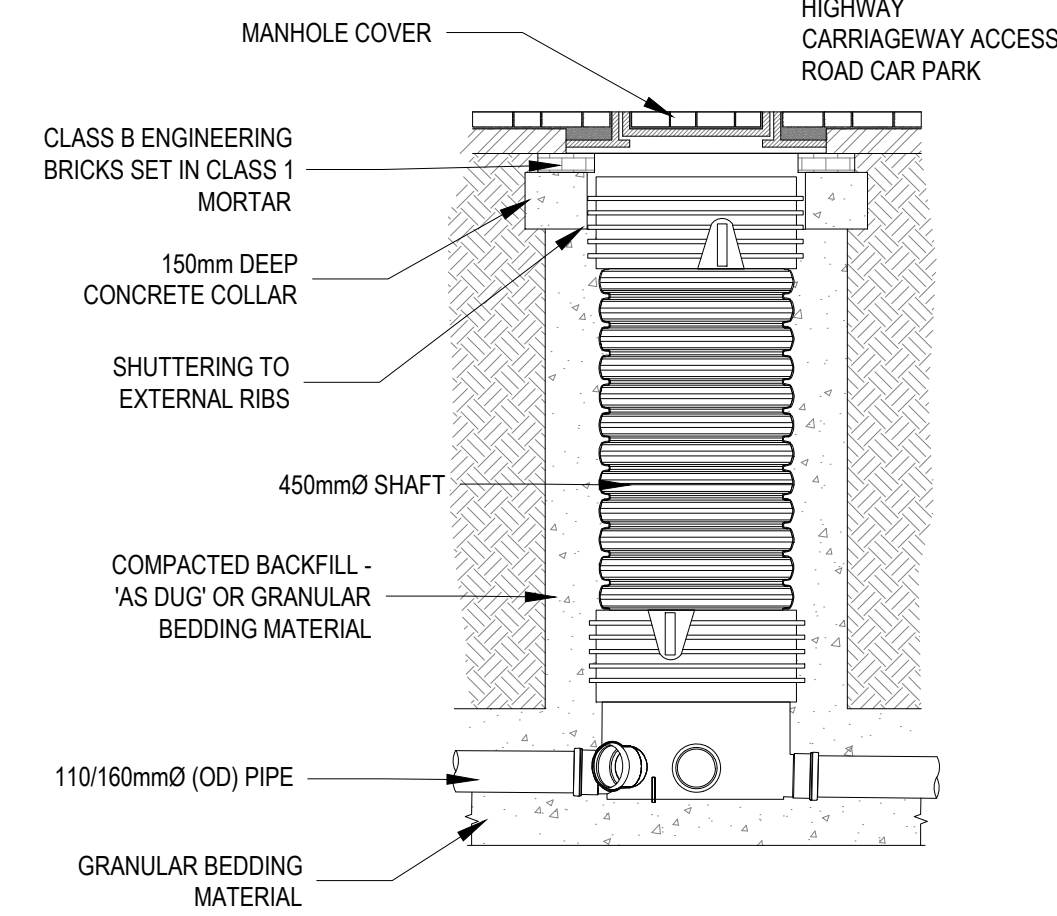


TYPICAL 600mm PPIC

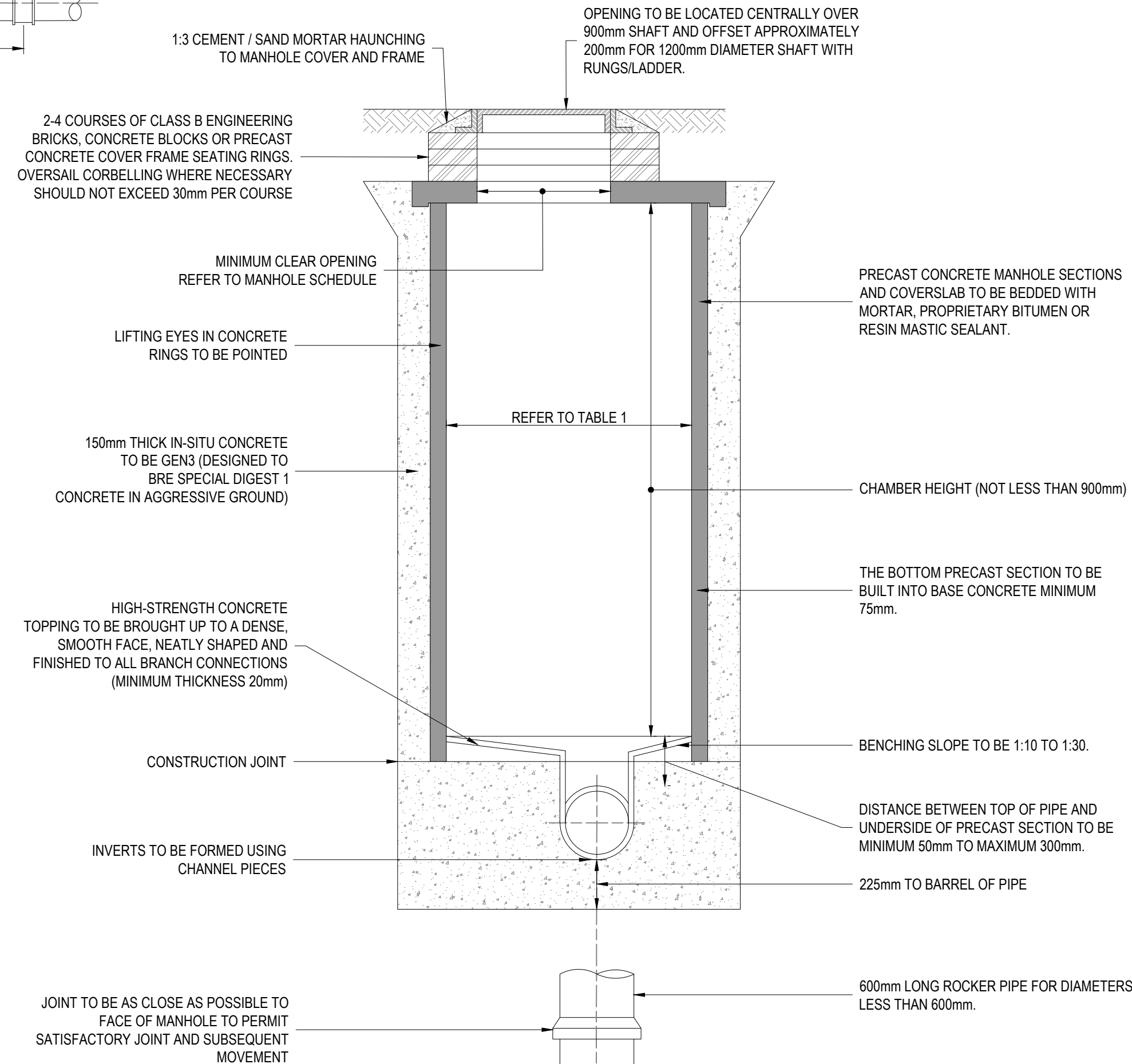
ORIENTATION OF INLET
AND OUTLET HOLES CAN
BE VARIED TO SUIT SITE



CATCHPIT



TYPICAL 450mm PPIC

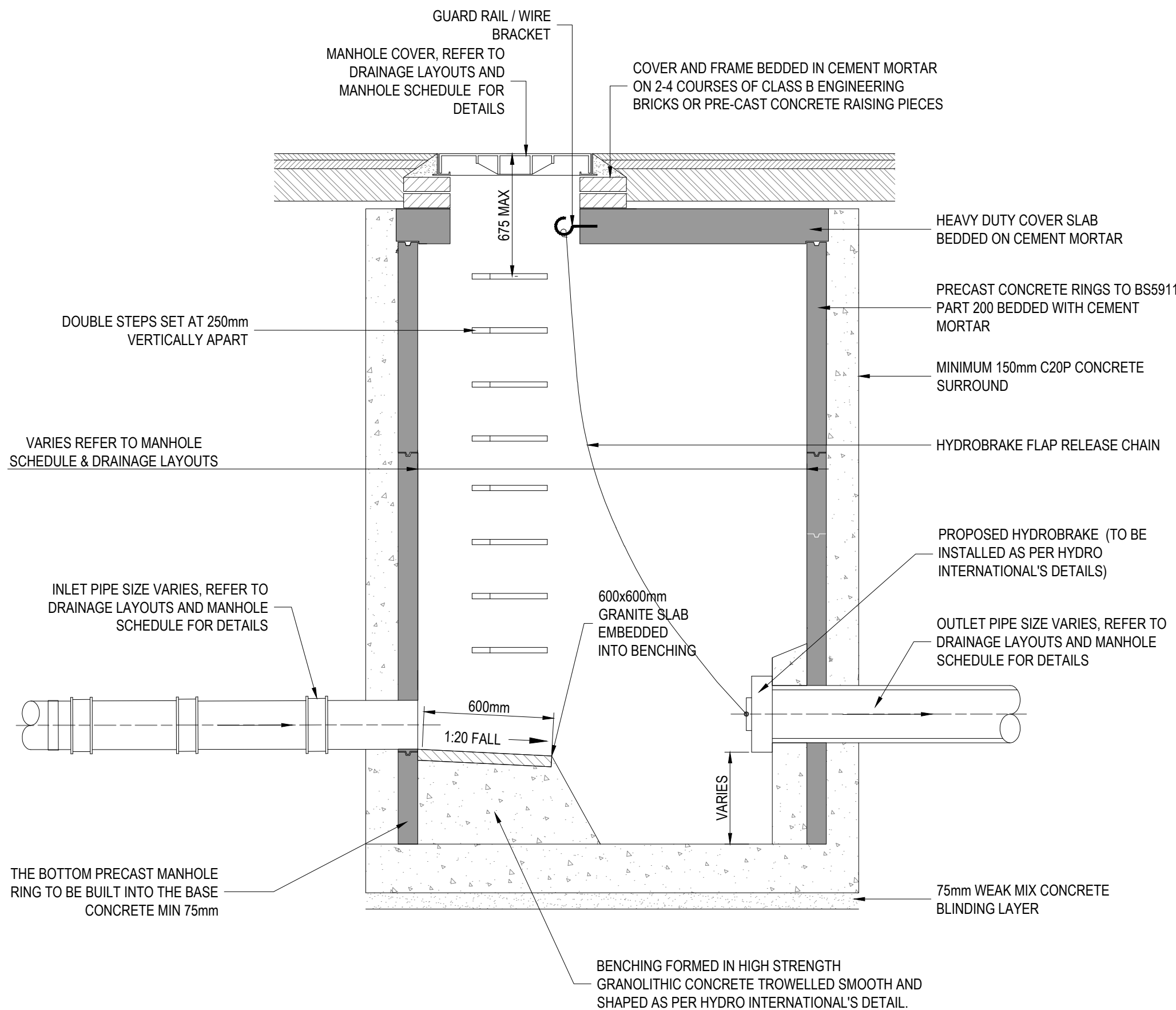


TYPICAL MANHOLE - TYPE B

(MAXIMUM DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE 3.0m)

TABLE 1

MANHOLE DEPTH	PIPE Ø	INTERNAL DIAMETER OF MANHOLE
< 1.5m	≤ 150	1000Ø
	225 - 300	1200Ø
	300 - 700	1500Ø
	≥ 700	THE LARGER OF 1800Ø OR (DN+450)
> 1.5m	100 - 375	1200Ø
	375 - 700	1500Ø
	≥ 700	THE LARGER OF 1800Ø OR (DN+775)



MANHOLE CHAMBER WITH FLOW CONTROL DEVICE
(HYDROBRAKE)

PRELIMINARY
NOT FOR CONSTRUCTION

REV	DESCRIPTION	BY	DATE
P01	STAGE 3 ISSUE	LH	06.05.22

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CDM RESIDUAL CIVIL / STRUCTURAL DESIGN RISKS



PROJECT
1-36 BRUNEL WALK
TOTTENHAM
LONDON
N15 5HQ

CLIENT
LONDON BOROUGH OF HARINGEY

TITLE
PROPOSED DRAINAGE
STANDARD DETAILS
SHEET 2

DISCIPLINE			SCALE
CIVIL			1:20
DRAWN	DESIGNED	CHECKED	APPROVED
LH	LH	GB	GB
DRAWING No			ISSUE
2844-MHT-CV-XX-XX-201			P01

[illegible]

FOUL WATER MANHOLE SCHEDULE													
MANHOLE No.	COVER LEVEL (m)	DEPTH TO INVERT (m)	PIPE IN DIAMETER (mm)	PIPE IN INVERT LEVEL (m)	PIPE OUT DIAMETER (mm)	PIPE OUT INVERT LEVEL (m)	MANHOLE SIZE & TYPE	COVER SIZE (mm) & GRADE	COMMENTS	BACKDROP DISTANCE (m)	EASTING (m)	NORTHING (m)	
FWMH01	13.300	0.895	100	12.405	100	12.405	450mmØ, PPIC	450 x 450 B125	PPIC	- -	533017.950	189027.773	
FWMH01a	13.300	1.300	100	12.190	100	12.190	450mmØ, PPIC	450 x 450 B125	PPIC	- -	533018.730	189033.650	
FWMH02	13.300	1.390	100 100 100	11.980 11.960 11.925 11.960	150	11.910	450mmØ, PPIC	450 x 450 B125	PPIC	- - - -	533029.702	189027.965	
FWMH03	13.450	1.350	100	12.150	100	12.100	450mmØ, PPIC	450 x 450 B125	PPIC	-	533031.831	189038.984	
FWMH04	13.300	1.488	100 100 150	11.942 11.922 11.812	150	11.872	600mmØ, PPIC	450 x 450 B125	PPIC	- - -	533037.124	189027.965	
FWMH05	13.600	1.615	100 100	12.055 12.000	100	11.985	450mmØ, PPIC	450 x 450 B125	PPIC	-	533067.886	189015.151	
FWMH06	13.600	1.715	100 100 100	11.935 11.955 11.955	100	11.885	450mmØ, PPIC	450 x 450 B125	PPIC	- - -	533065.808	189015.935	
FWMH07	13.450	1.695	100	11.785	150	11.755	600mmØ, PPIC	450 x 450 B125	PPIC	-	533058.290	189016.110	
FWMH08	13.320	1.702	150 150 100	11.618 11.618 11.668	150	11.618	1200mmØ, Type B	600 x 600 B125	PCC Circular Manhole	- - -	533057.442	189027.770	
FWMH09	13.250	1.676	150	11.574	150	11.574	1200mmØ, Type B	600 x 600 B125	PCC Circular Manhole	-	533057.507	189032.179	
FWMH10	13.140	1.210	100	12.000	100	11.930	450mmØ, PPIC	450 x 450 B125	PPIC	-	533067.579	189030.969	
FWMH11	13.140	1.687	150 100	11.453 11.503	150	11.453	1200mmØ, Type B	600 x 600 B125	PCC Circular Manhole	-	533069.593	189032.205	
FWMH12	13.200	1.270	100	12.000	100	11.930	450mmØ, PPIC	450 x 450 B125	PPIC	-	533078.346	189029.422	
FWMH13	11.833	0.519	150	11.314	150	11.314	1200mmØ, Type B	600 x 600 B125	PCC Circular Manhole	-	533083.490	189032.090	
FWMH14	13.400	1.150	100 100	12.270 12.300	100	12.250	450mmØ, PPIC	450 x 450 B125	PPIC	- -	533083.556	189020.535	
FWMH15	13.360	2.152	150 100	11.238 11.238	150	11.208	600mmØ, PPIC	450 x 450 B125	PPIC	-	533083.592	189024.514	
FWMH16	13.150	1.165	100 100	12.000 12.005	100	11.985	450mmØ, PPIC	450 x 450 B125	PPIC	-	533108.105	189007.860	
FWMH17	13.150	1.262	100 100 100	11.958 11.938 11.958	100	11.888	450mmØ, PPIC	450 x 450 B125	PPIC	- - -	533106.295	189008.709	
FWMH18	13.140	1.381	100	11.789	150	11.759	600mmØ, PPIC	450 x 450 B125	PPIC	-	533098.844	189008.717	
FWMH19	13.130	2.074	150 150	11.056 11.086	150	11.056	600mmØ, PPIC	450 x 450 B125	PPIC	- -	533098.825	189024.257	
FWMH20	13.200	1.265	100	11.950	100	11.935	450mmØ, PPIC	450 x 450 B125	PPIC	-	533107.961	189023.387	
FWMH21	13.080	2.192	150	10.888	150	10.888	600mmØ, PPIC	450 x 450 B125	PPIC	-	533115.627	189024.110	
FWMH22	13.120	0.870	100 100	12.265 12.320	100	12.250	450mmØ, PPIC	450 x 450 B125	PPIC	- -	533124.618	189012.791	
FWMH23	12.780	2.148	150 100	10.632 10.682	150	10.632	1200mmØ, Type B	600 x 600 B125	PCC Circular Manhole	- -	533139.603	189015.231	
FWMH24	12.650	1.295	100 100 100	11.425 11.370 11.425	100	11.355	450mmØ, PPIC	450 x 450 B125	PPIC	- - -	533145.377	189011.988	
FWMH25	12.550	1.195	100 100 100	11.370 11.425 11.425	100	11.355	450mmØ, PPIC	450 x 450 B125	PPIC	- - -	533148.980	189011.353	
FWMH26	12.550	1.195	100 100 100	11.370 11.425 11.425	100	11.355	450mmØ, PPIC	450 x 450 B125	PPIC	- - -	533157.150	189009.852	
FWMH27	12.550	1.195	100 100 100	11.370 11.425 11.425	100	11.355	450mmØ, PPIC	450 x 450 B125	PPIC	- - -	533160.576	189009.219	
FWMH28	12.540	2.343	150	10.197	150	10.197	1200mmØ, Type B	600 x 600 B125	PCC Circular Manhole	-	533165.340	189010.825	
FWMH29	12.450	1.095	100 100 100	11.370 11.425 11.425	100	11.355	450mmØ, PPIC	450 x 450 B125	PPIC	- - -	533171.521	189007.235	
FWMH32	12.430	2.470	100	10.030	100	9.960	450mmØ, PPIC	450 x 450 B125	PPIC	-	533179.005	189005.964	
FWMH33	10.700	0.970	100	9.800	100	9.730	450mmØ, PPIC	450 x 450 B125	PPIC	-	533189.008	188988.907	
FWMH34	10.600	1.003	100	9.627	100	9.597	600mmØ, PPIC	450 x 450 C250	PPIC	-	533196.627	188987.434	
FWMH35	10.550	0.785	100	9.780	100	9.765	450mmØ, PPIC	450 x 450 B125	PPIC	-	533196.878	188994.582	
FWMH36	11.230	1.000	100	10.300	100	10.230	450mmØ, PPIC	450 x 450 B125	PPIC	-	533196.359	189002.164	

[illegible]

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CDM RESIDUAL CIVIL / STRUCTURAL DESIGN RISKS



TITLE
PROPOSED BELOW GROUND DRAINAGE
FOUL WATER
MANHOLE SCHEDULE

DISCIPLINE			SCALE
CIVIL			NTS
DRAWN	DESIGNED	CHECKED	APPROVED
LH	LH	GB	GB
DRAWING No			ISSUE
2844-MHT-CV-XX-XX-251			P02