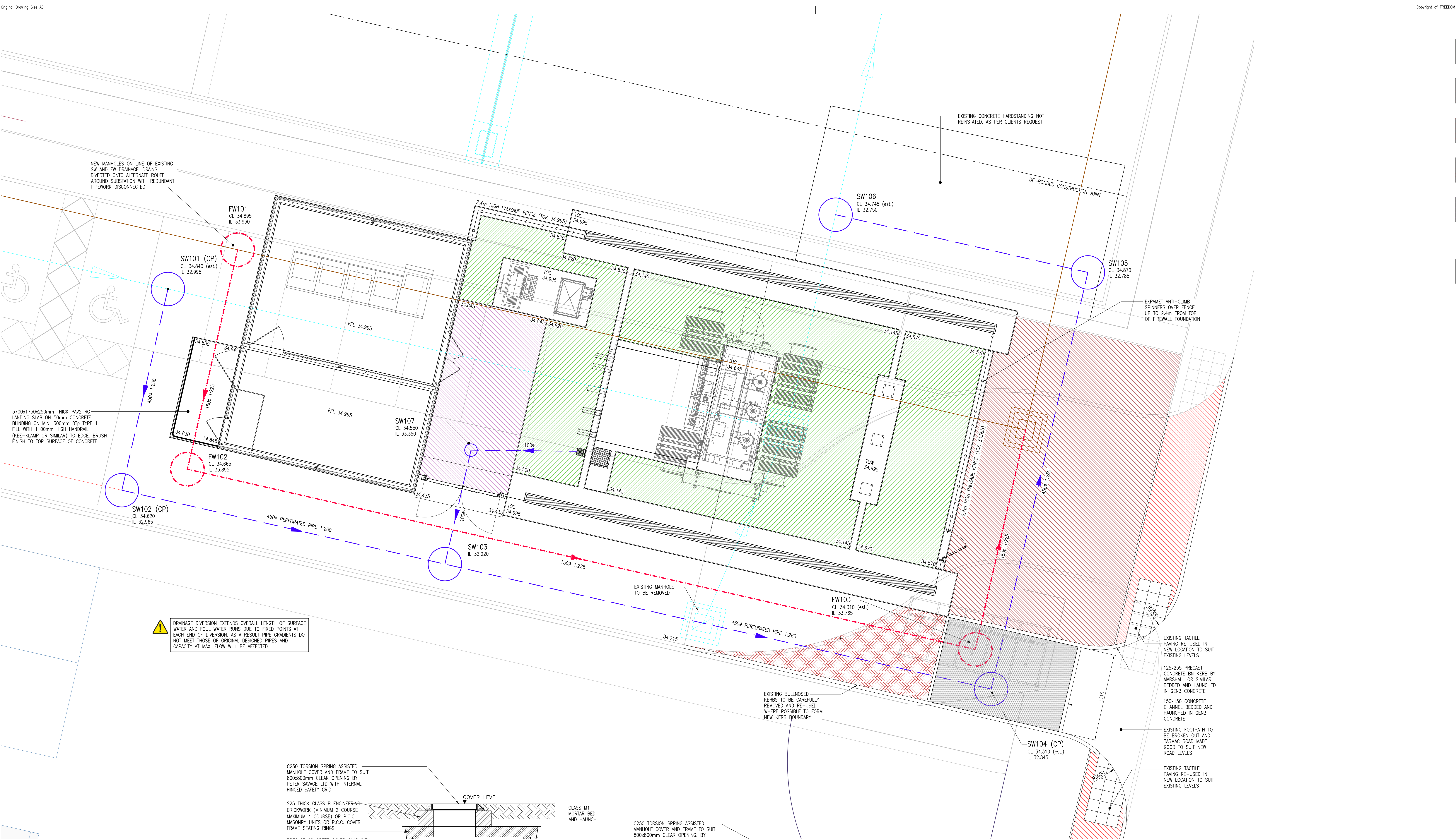


LEGEND:

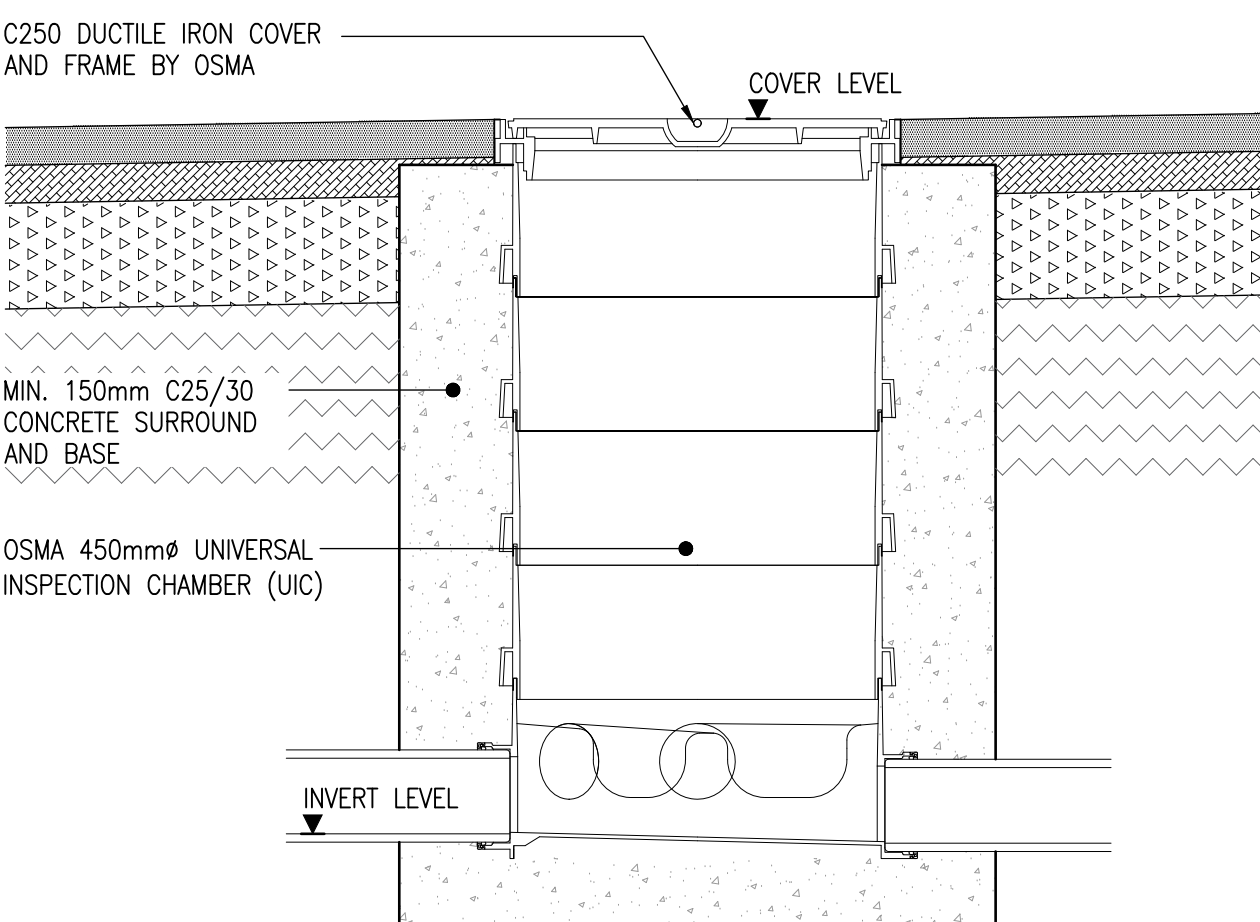
- 40mm SINGLE SIZE WASHED ROUNDED GRAVEL
- TOP SOIL
- 20mm "SMA 10 surf 40/60" ON 40mm "AC20 dense bin 100/50" ON 100mm THICK SUB-BASE MATERIAL "MCHW Vol. 1 CLAUSE 803 (TYPE 1) ON WELL COMPACTED SUB-GRADE WITH MIN. CBR 3%
- RECLAIMED 80mm POROUS BLOCK PAVING ON 50mm CLEAN STONE (6mm-2mm) ON PERMEABLE MEMBRANE ON 100mm UPPER SUB-BASE (20mm-4mm) ON 250mm SUB-BASE (63mm-10mm) ON IMPERMEABLE MEMBRANE. MIN. CBR 3%
- 200mm THICK PAW2 CONCRETE ROAD WITH 1 LAYER B385 MESH IN TOP (50mm COVER), ON 1200 GAUGE VISQUEEN MEMBRANE ON 50mm GEN3 CONCRETE BUILDING ON A MIN. 330mm TYPE 1 SUB-BASE TO CLAUSE 803 OF SPECIFICATION FOR HIGHWAYS WORKS. SUBJECT TO A MIN. CBR 5% IF THE CBR < 5%, THEN TYPE 1 FILL THICKNESS SHOULD BE INCREASED TO 430mm (MIN. CBR 3%). HEAVY BRUSH FINISH TO SURFACE. 25mm CHAMFER TO EXPOSED EDGES.
- TARMAC

- OSMA DRAIN SURFACE WATER DRAINAGE OR SIMILAR
- OSMA DRAIN FOUL WATER DRAINAGE OR SIMILAR
- OSMA BOTTLE GULLIES REF: 40850
- TOP OF CONCRETE
- TOP OF WALL
- FINISHED FLOOR LEVEL

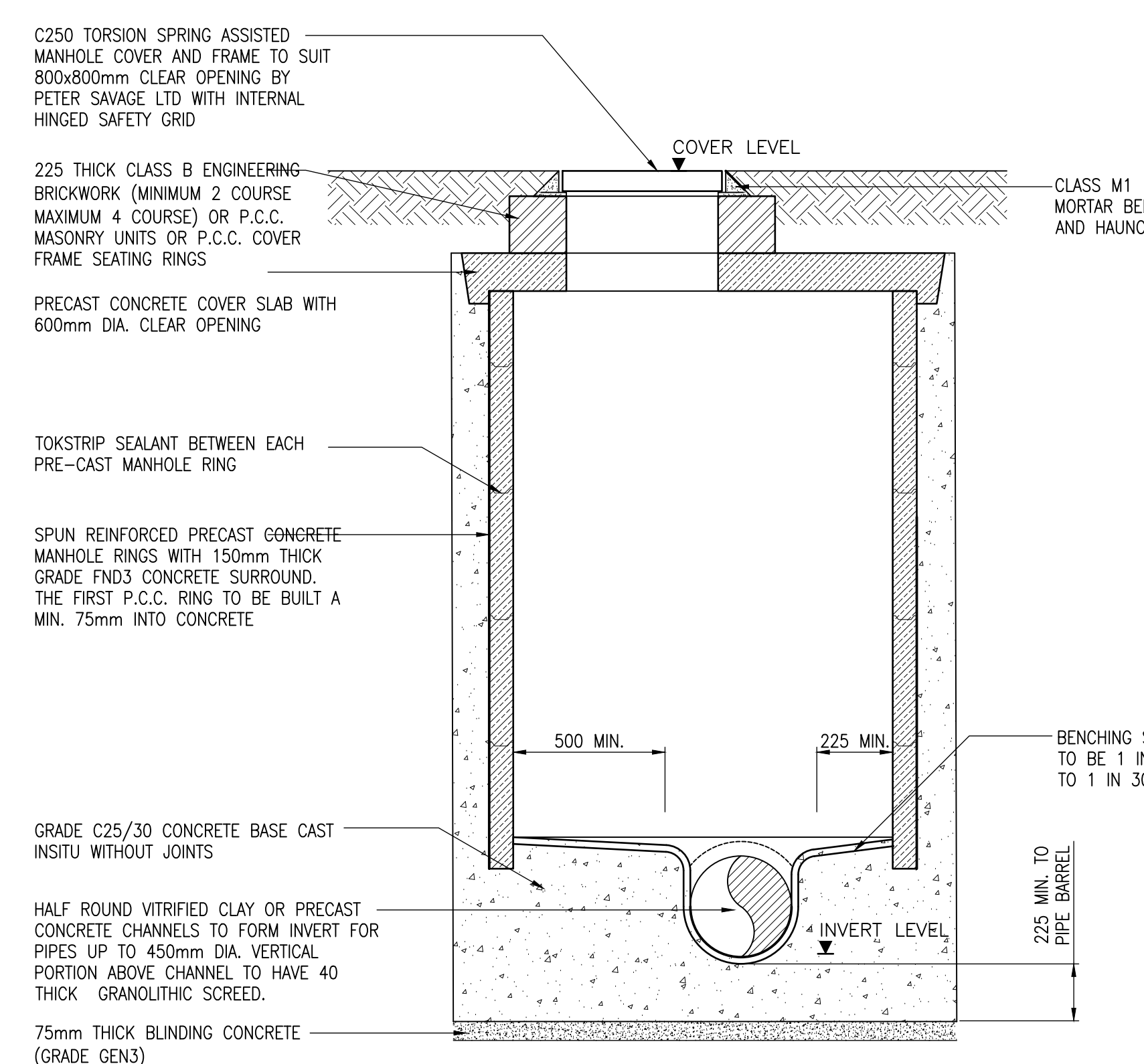
MANHOLE SCHEDULE					
MH	CL	IL	Ø(mm)	TYPE	
SW101 (CP)	34.840	32.995	1500	3	
SW102 (CP)	34.620	32.965	1500	3	
SW103	34.395	32.920	1350	2	
SW104 (CP)	34.310	32.845	1500	3	
SW105	34.870	32.785	1350	2	
SW106	34.745	32.750	1500	2	
SW107	34.550	33.350	450	1	
FW101	34.895	33.930	450	1	
FW102	34.665	33.895	450	1	
FW103	34.310	33.765	450	1	



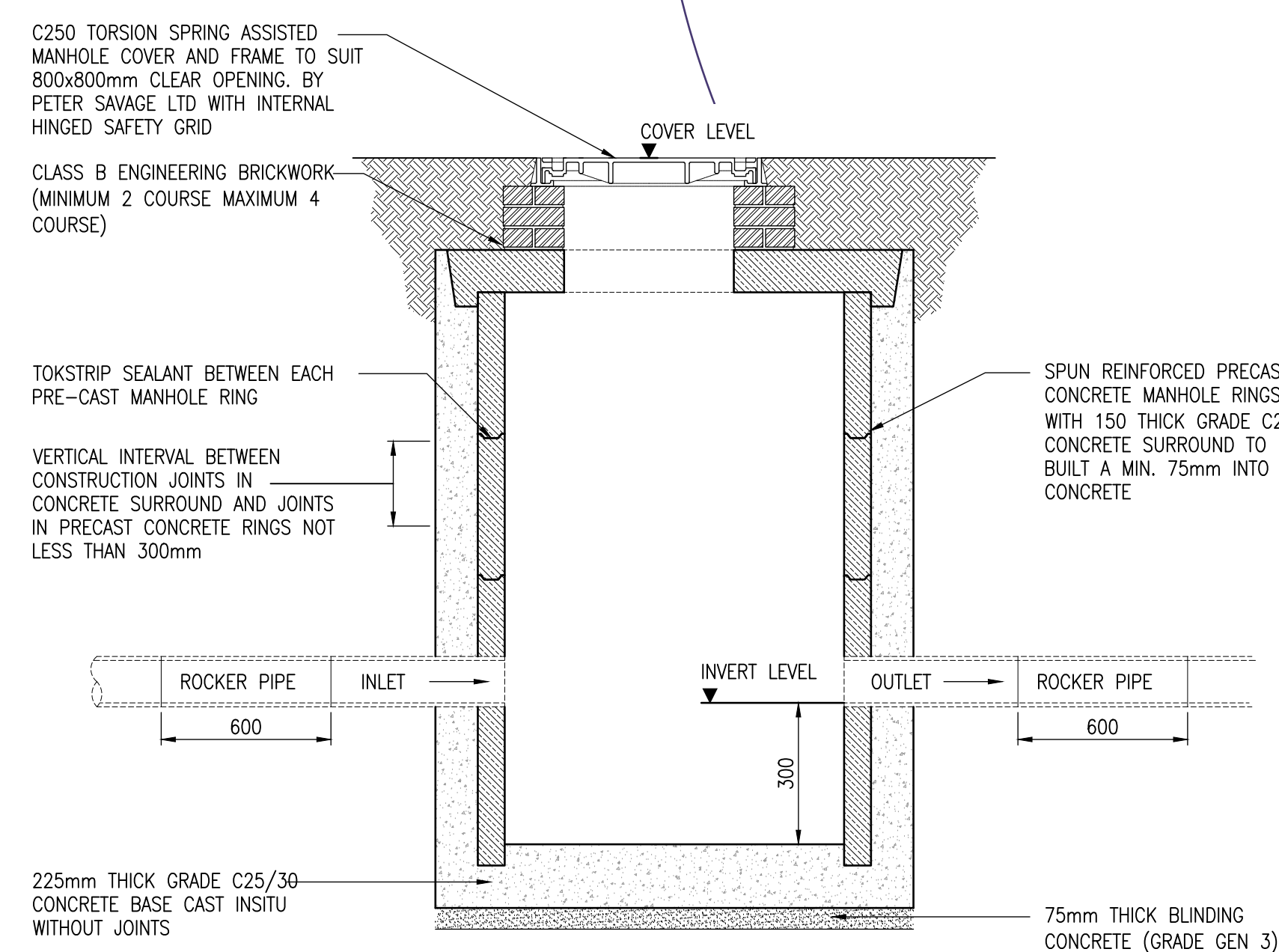
⚠ DRAINAGE DIVERSION EXTENDS OVERALL LENGTH OF SURFACE WATER AND FOUL WATER RUNS DUE TO FIXED POINTS AT EACH END OF DIVERSION. AS A RESULT PIPE GRADIENTS DO NOT MEET THOSE OF ORIGINAL DESIGNED PIPES AND CAPACITY AT MAX. FLOW WILL BE AFFECTED



TYPICAL SECTION THROUGH TYPE 1 MANHOLE
SCALE 1:10



TYPICAL SECTION THROUGH TYPE 2 MANHOLE
(SCALE 1:20)



TYPICAL SECTION THROUGH TYPE 3 MANHOLE
(SCALE 1:20)

PIPE BED AND SURROUND SCHEDULE				
LOCATION	COVER (mm)	BEDDING MATERIAL	SURROUND MATERIAL	BACKFILL MATERIAL
ADJACENT TO STRUCTURES	<300	PIPE CAST INTEGRALLY WITH STRUCTURE		
	>300	TYPE 1	TYPE 1	TYPE 1
ROAD/HARDSTANDINGS	<900	CLASS "Z"	CLASS "Z"	TYPE 1
	>900	CLASS "B"	CLASS "S"	TYPE 1
SOFT LANDSCAPING	<900	CLASS "Z"	CLASS "Z"	SELECTED EXCAVATED BACKFILL
	>900	CLASS "B"	CLASS "S"	SELECTED EXCAVATED BACKFILL
CLASS "Z"	GEN3 CONCRETE			
CLASS "B"	GRANULAR BEDDING (PEA GRAVEL)			
CLASS "S"	GRANULAR SURROUND (PEA GRAVEL)			
TYPE 1	COMPACTED IN ACCORDANCE WITH SPECIFICATION FOR HIGHWAY WORKS			
SELECTED EXCAVATED FILL	COMPACTED "AS DUG" MATERIAL FREE FROM DELETERIOUS AND ORGANIC MATERIAL			

REVISION:	AB	
DRAWN:	W.OGUNYINKA	18.04.20
CHECKED:	A.TEASDALE	18.04.20
APPROVED:	G.ARMITAGE	18.04.20
AS BUILT		



an NG Bailey Group company

Client: VIRTUS DATA CENTRES

Project: PROLOGIS PARK

Title: EXTERNAL FINISHES AND DRAINAGE DETAILS 66/11KV LONDON 7 SS

Status: AS BUILT

Scale: AS NOTED Date: 29.01.19

Drawn: A.TEASDALE Checked: M.LOWE Approved: G.ARMITAGE

Client Dwg No.: FPS Dwg No.: 80-405824-051

Rev: AB