

NOMINAL INTERNAL Ø (mm)	MINIMUM TRENCH WIDTH mm	MAXIMUM TRENCH WIDTH mm
100	450	650
150	500	700
225	600	800
300	700	900
375	950	1150
450	1050	1250
525	1150	1350
600	1250	1450
675	1350	1550
750	1400	1600
825	1500	1700
900	1950	2150
1050	2100	2300
1200	2300	2500
ABOVE 1200	OUTSIDE Ø OF PIPE PLUS 800mm	OUTSIDE Ø OF PIPE PLUS 1000mm

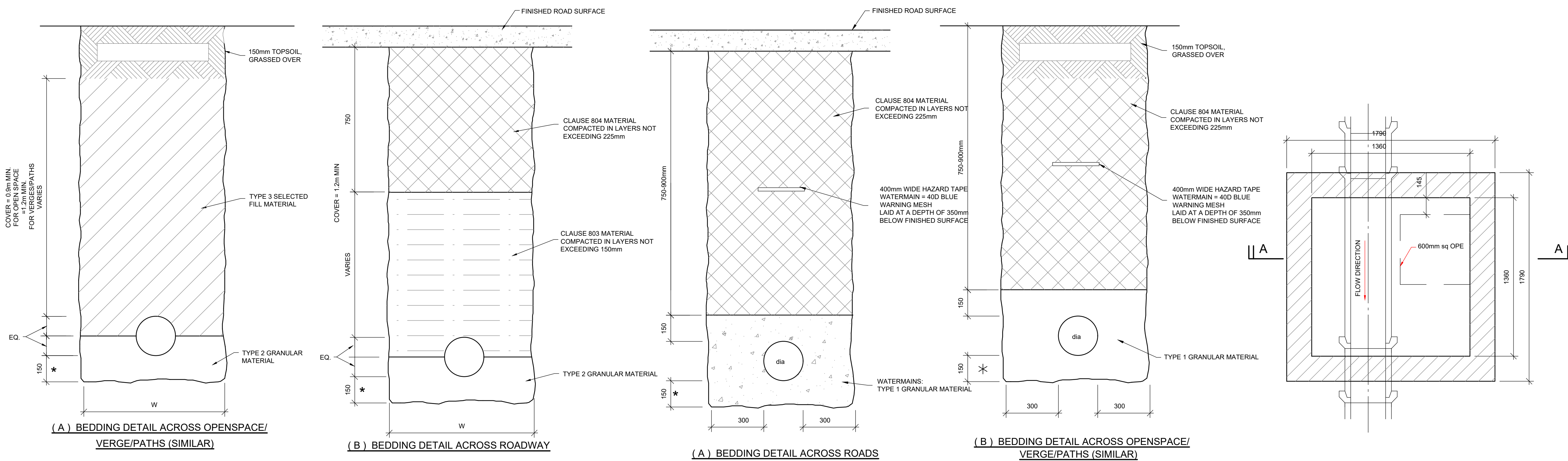
1. WHERE ROCKS OR OTHER HARD TRASH BOTTOM IS ENCOUNTERED THE FIGURE DENOTED BY * IS TO BE DOUBLED.
2. TYPE 1 GRANULAR MATERIAL : BROKEN STONE OR GRAVEL TO PASS 10mm SIEVE AND BE RETAINED ON 5mm SIEVE.
3. TYPE 2 GRANULAR MATERIAL : BROKEN STONE OR GRAVEL TO PASS 10mm - 25mm SIEVE, ACCORDING TO PIPE SIZE, (SEE TABLE) AND BE RETAINED ON 5mm SIEVE.
4. TYPE 3 SELECTED FILL : UNIFORM READILY COMPACTED MATERIAL FREE FROM ROOTS, VEGETABLE MATTER, BUILDING DEBRIS, AND FROZEN SOIL AND EXCLUDING CLAY LUMPS RETAINED ON A 75mm SIEVE AND STONES RETAINED ON A 37.5mm SIEVE.
5. RIGID PIPES SHALL MEAN CAST OR SPUN IRON, CONCRETE OR CLAY.
6. FLEXIBLE PIPES SHALL MEAN PIPES OF STEEL, PVC, OTHER PLASTIC OR DUCTILE IRON.

ALL MANHOLE COVERS, DUCT COVERS, VALVE COVERS, etc. IN VERGES / SLOPES TO HAVE 225 WIDE x 150 DEEP CONCRETE SURROUND.

TO BE USED WHERE COVER IS LESS
THAN MINIMUM AND/OR AS DIRECTED
BY ENGINEER

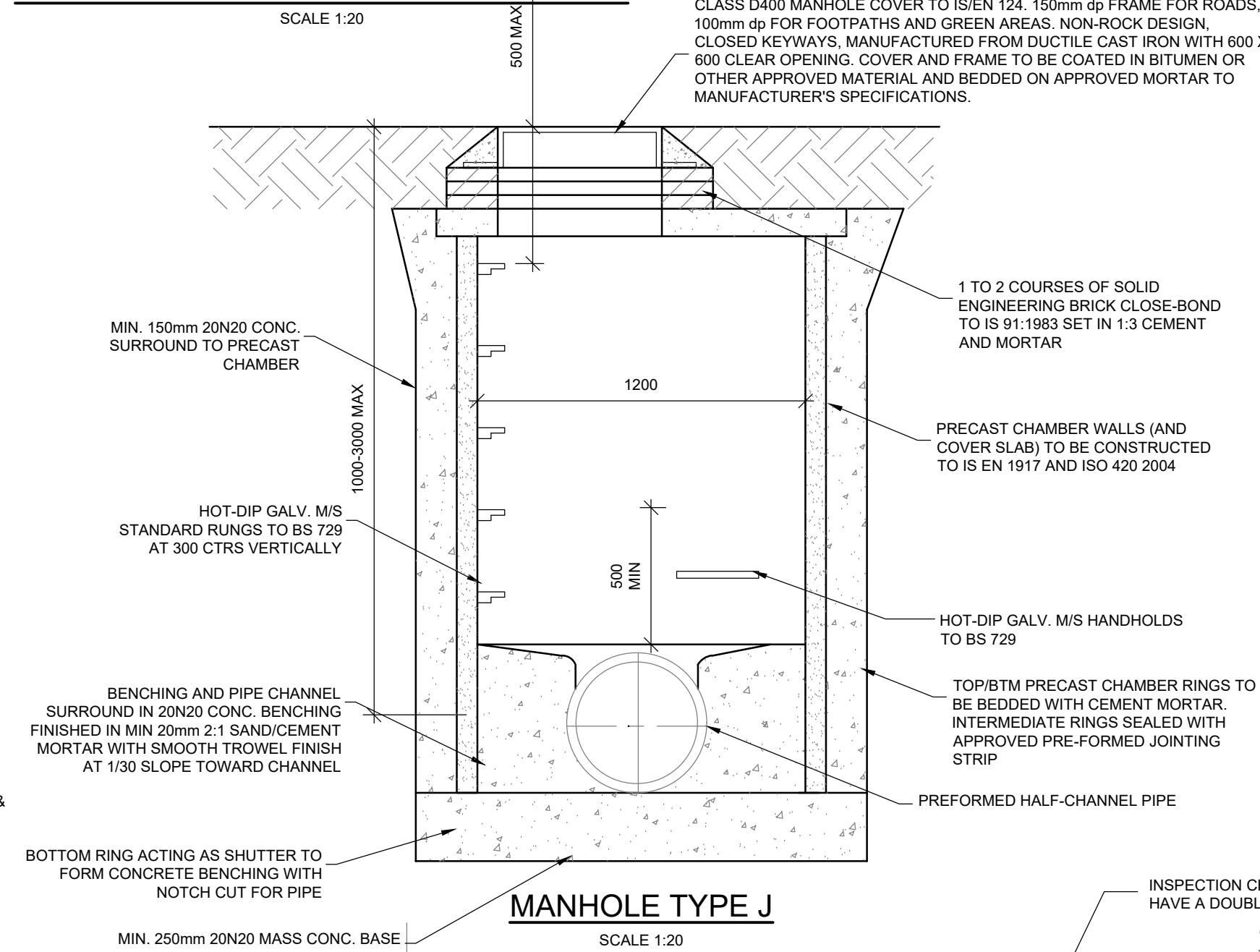
PIPE SIZE	100% PASSING
UP TO 225mm	10mm SIEVE
225 TO 450mm	20mm SIEVE
ABOVE 450mm	25mm SIEVE

DIAMETER OF LARGEST PIPE IN MANHOLE (mm)	INTERNAL DIAMETER OF MANHOLE (mm)
LESS THAN 375	1200
375 - 450	1350
500 - 750	1500

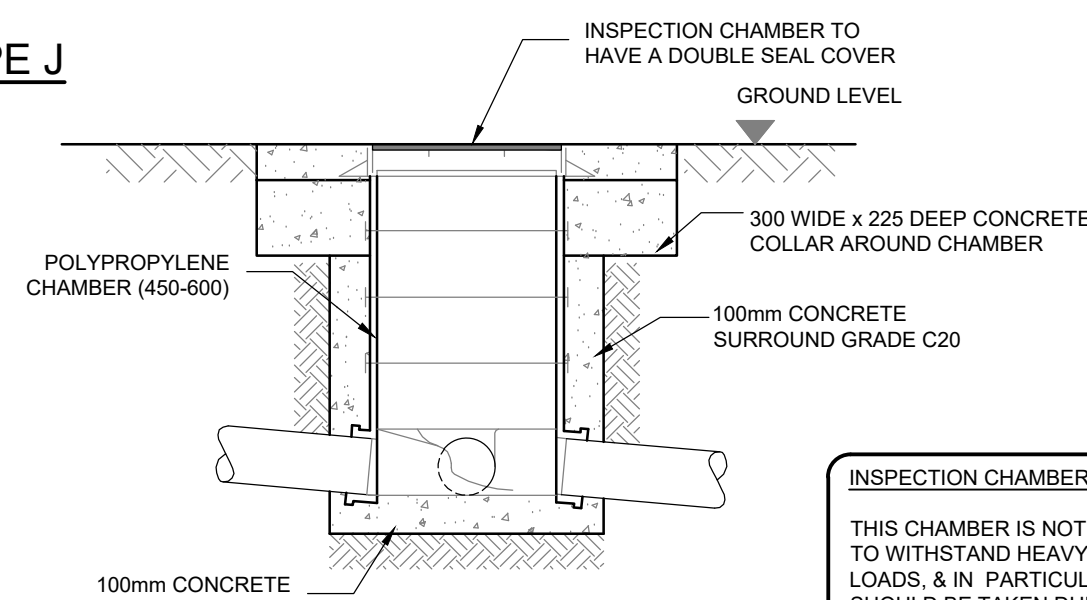


SCALE 1:20

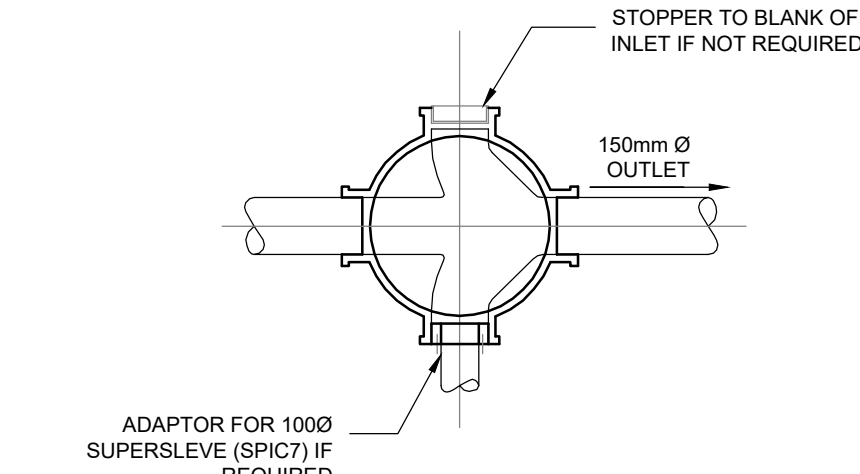
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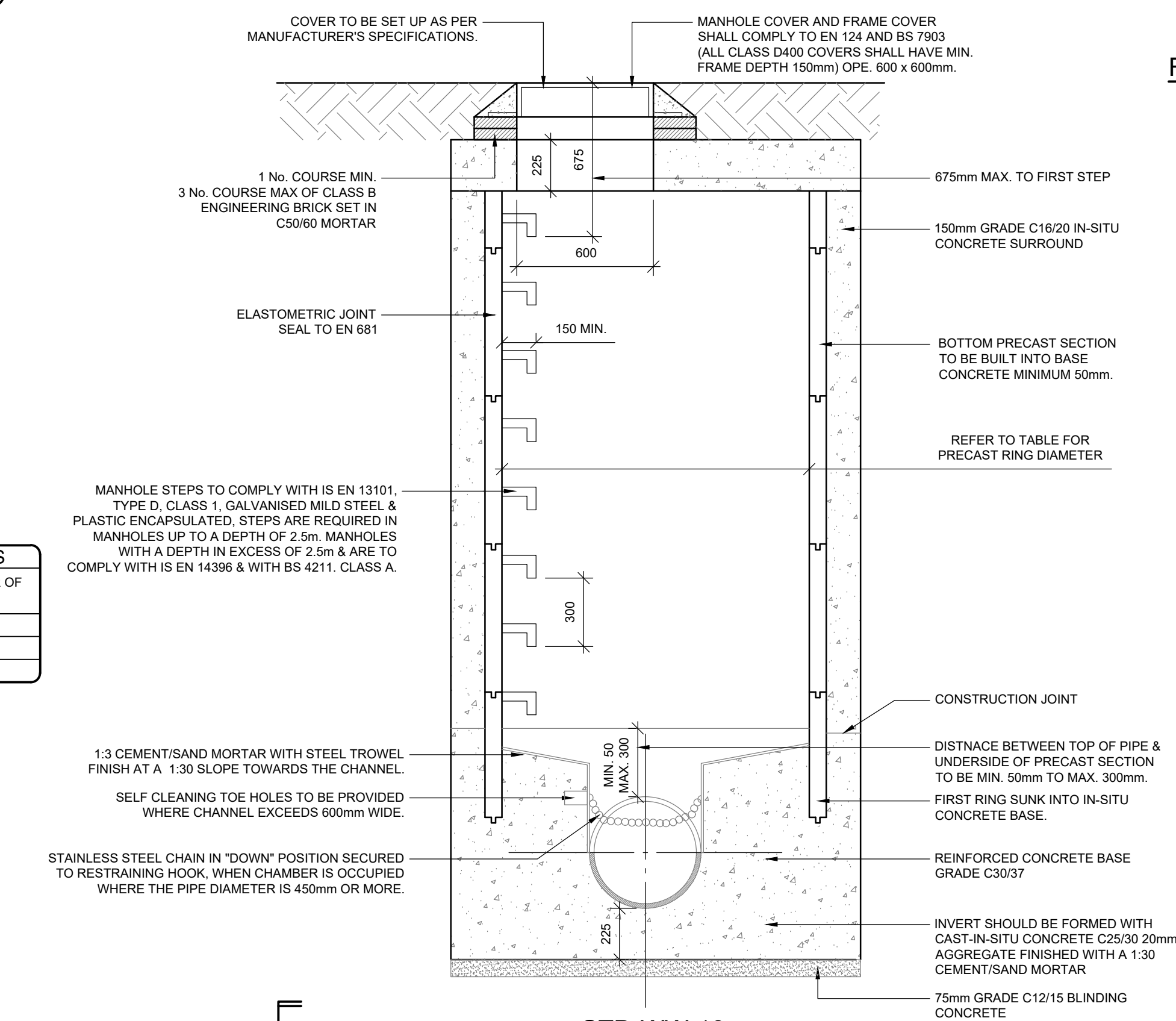
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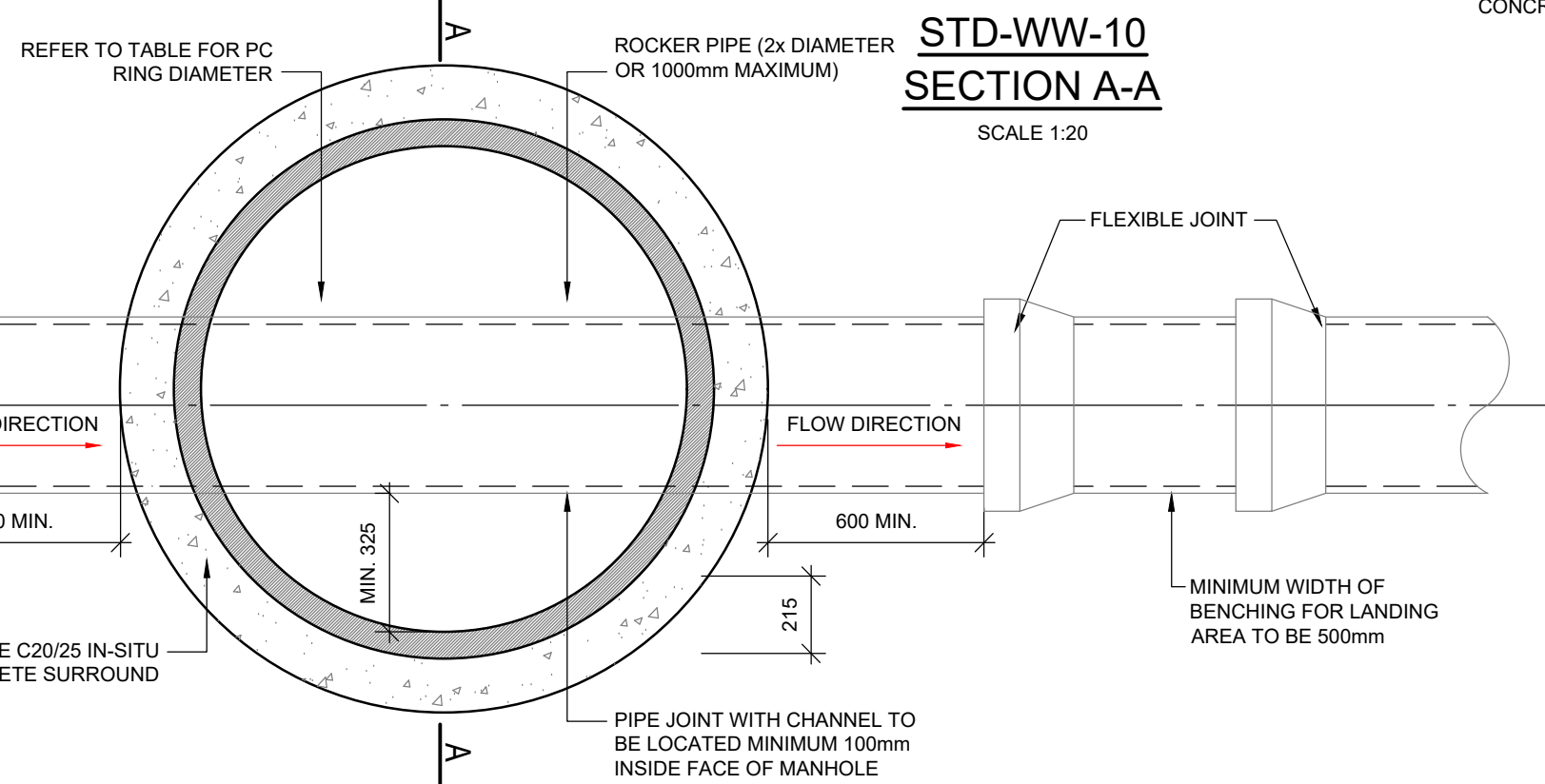
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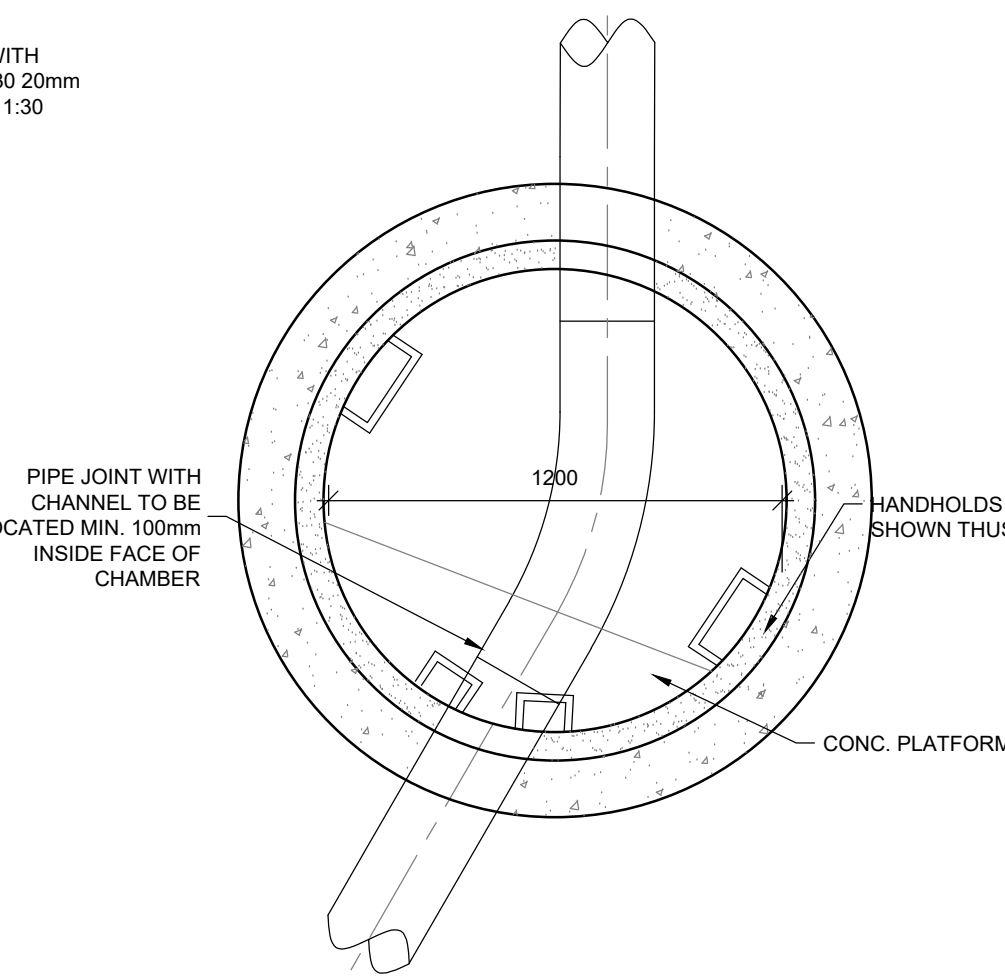
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P	22/12/2025	S.R.H.	G.P.	Issued for planning.	
Rev	Date	Dm	Chk'd	Description	



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Project: Cabra PBSA		Project No. 24227		Drg. No. 4C03	
Drawing: Proposed Foul & Surface Water Sections & Details					
Model Reference:		24227-LDE-ZZ-ZZ-M2-C-0001		Model Rev:	
Drawing Reference:		24227-LDE-ZZ-ZZ-DR-C-4C03		Suitability:	
				P01	
				S1	