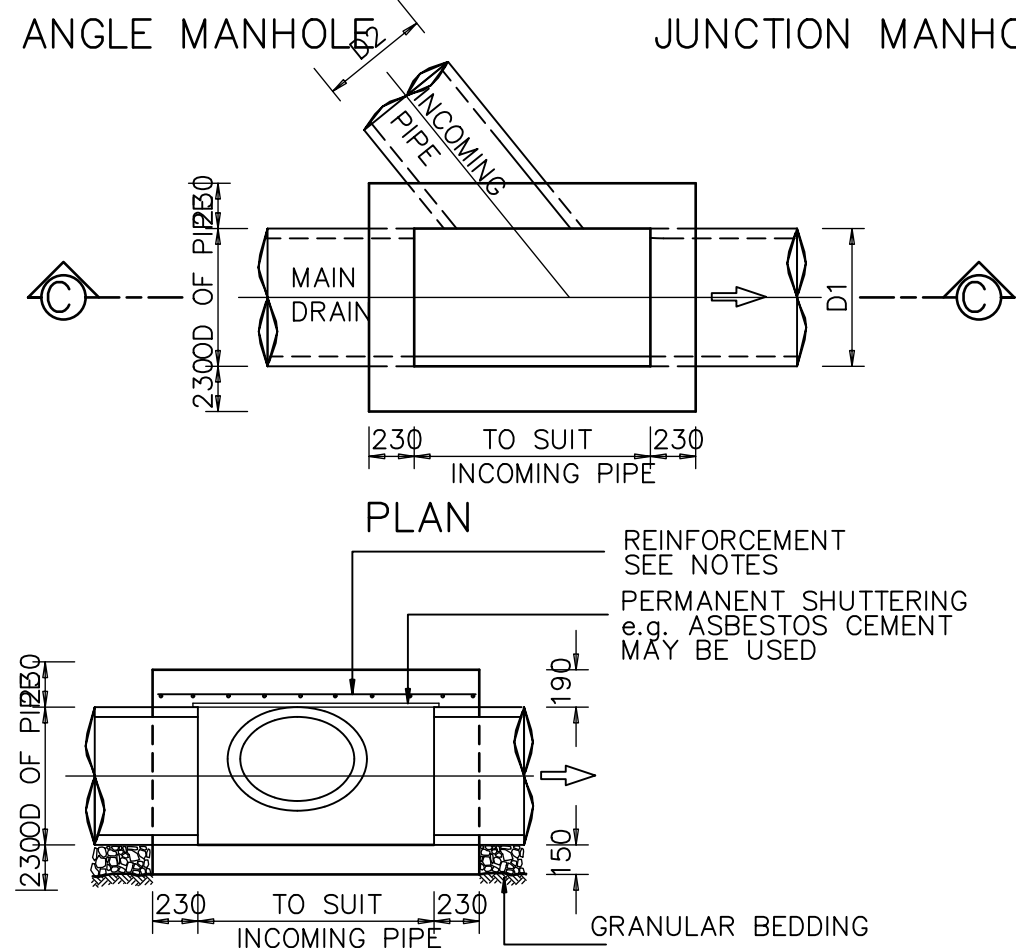
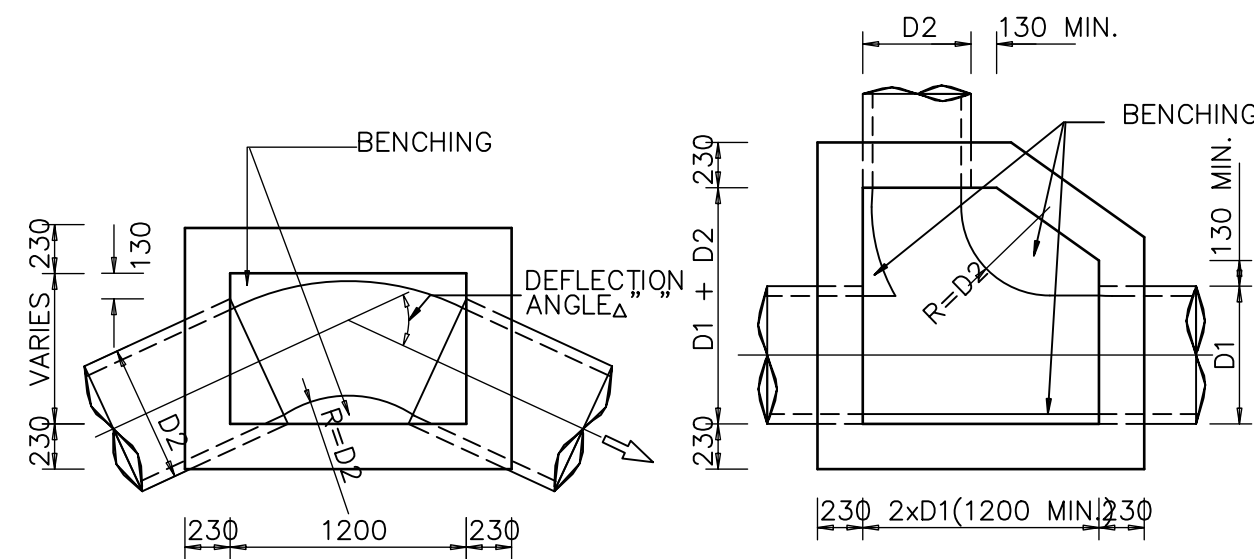
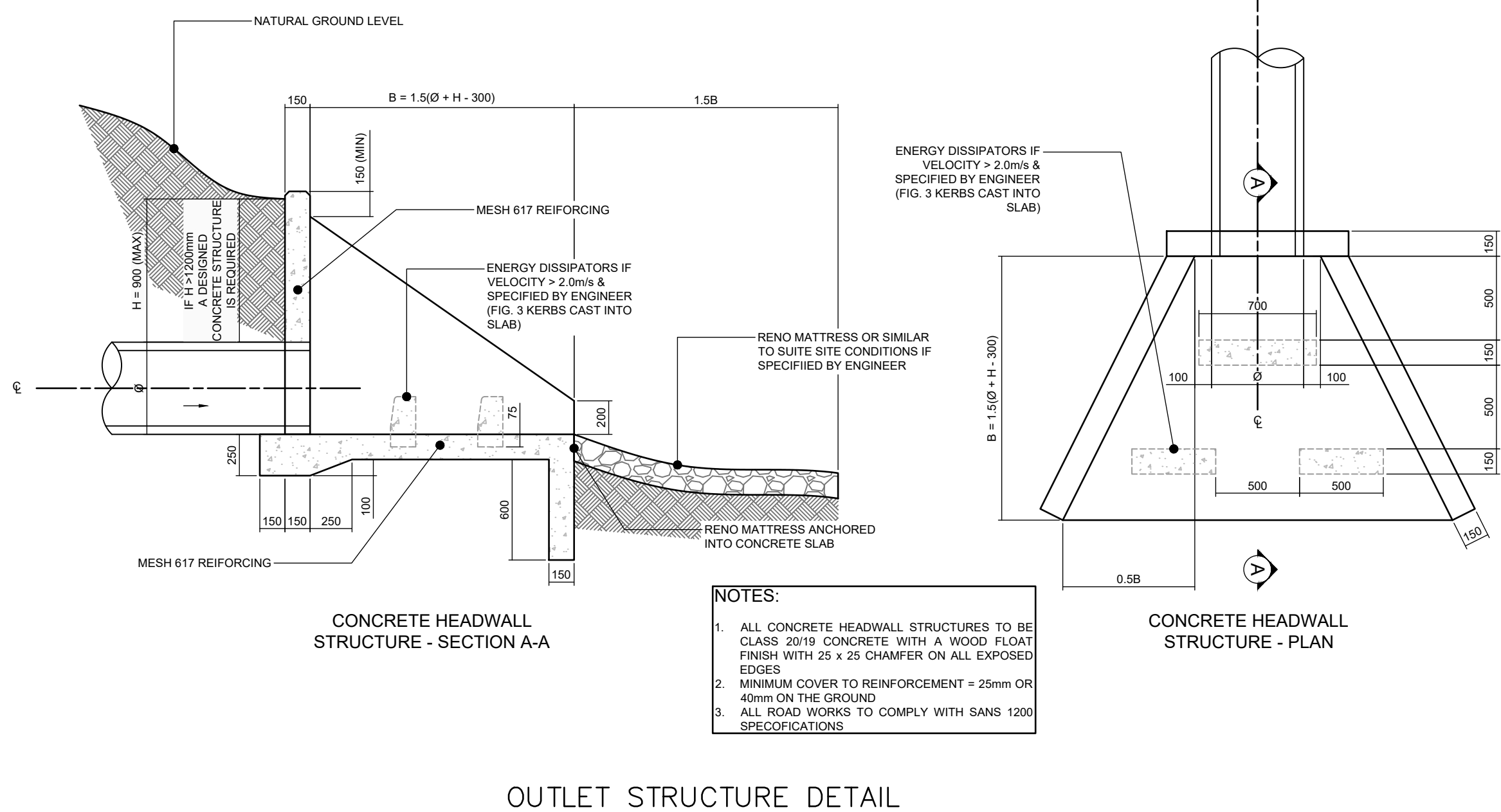




- NOTES:**
- FOR DETAILS OF MANHOLES WHERE THE INCOMING PIPES ARE LARGER THAN 750 mm – REFER TO DRG's JFA–SD–S010, S011, S012
 - DIMENSION "W" TO BE AS FOLLOWS IF NOT OTHERWISE INDICATED:
 - 600 mm
 - MAX. OD OF OUTLET PIPE PLUS 300 mm.
 - REINFORCEMENT IN DECK SLABS TO BE Y12 DEFORMED H.T. BARS AT 150 c/c BOTHWAYS WITH 25 mm COVER.
 - FLOOR BENCHING AND HD CI FRAME SURROUNDS TO BE STEEL TROWELLED.
 - MANHOLE COVER TYPE 6 TO BE USED OUTSIDE ROAD SURFACE AREA.
 - MANHOLE COVERS TYPE 2A TO BE USED INSIDE ROAD SURFACE AREA.
 - DECK SLABS MAY BE CONSTRUCTED WITH PRECAST CONCRETE PLANKS WITH AN IN-SITU TOPPING PROVIDED THE COMPOSITE CONSTRUCTION IS OF EQUIVALENT STRENGTH.
 - JUNCTION BOX WALLS MAY ALSO BE CONSTRUCTED WITH 150 mm THICK CAST IN-SITU CLASS 20/19 CONCRETE.
 - JUNCTION BOXES SHALL NOT BE USED UNLESS SPECIFICALLY REQUIRED BY THE LOCAL AUTHORITY.
 - ALL BRICKS TO BE QUALITY FBSE30 TO SABS 227–1986 WITH WATER ABSORPTION <14% AND EFFLORESCENCE <10.
 - ALL BRICK WORK TO BE ENGLISH BOND.

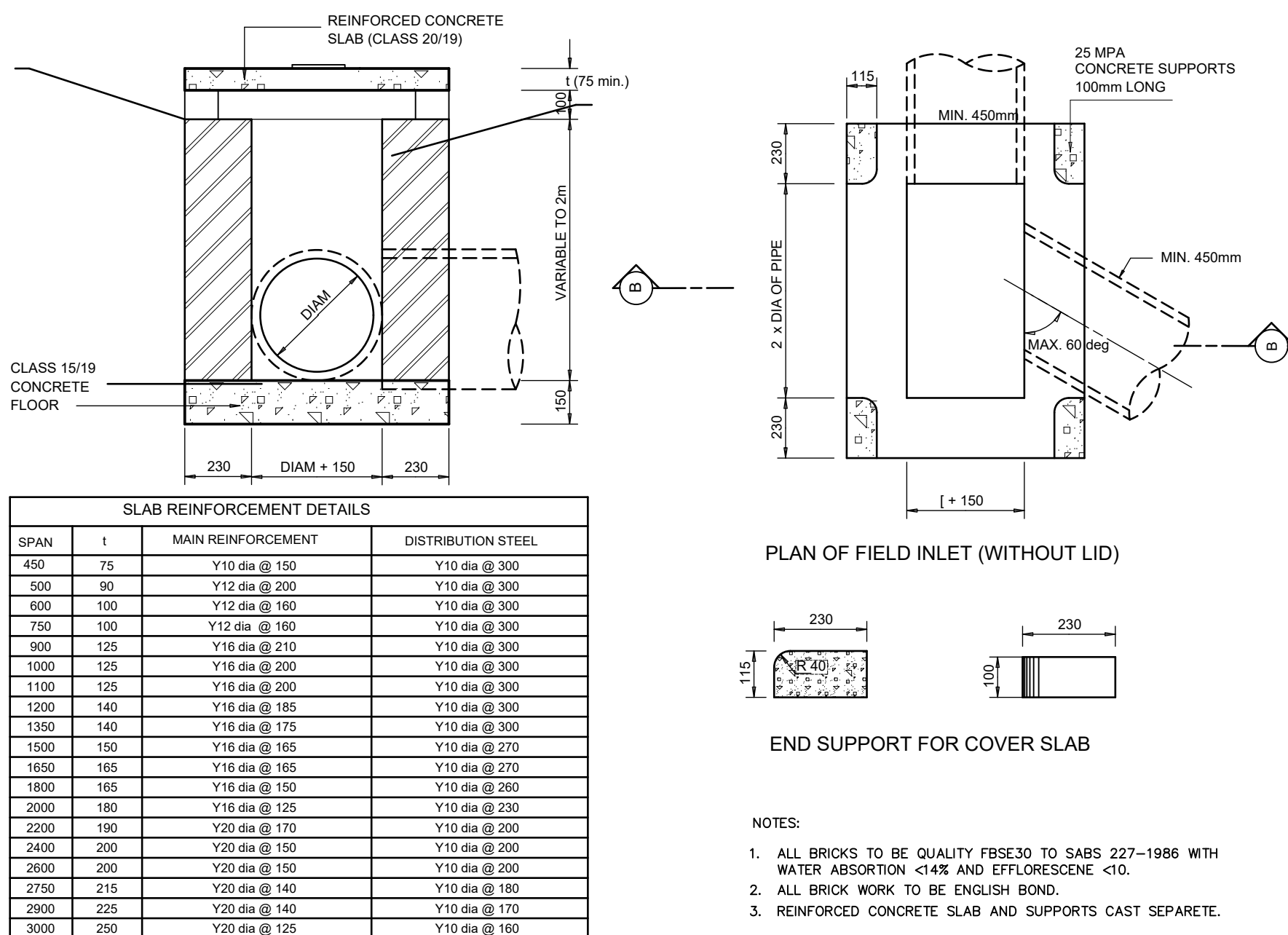
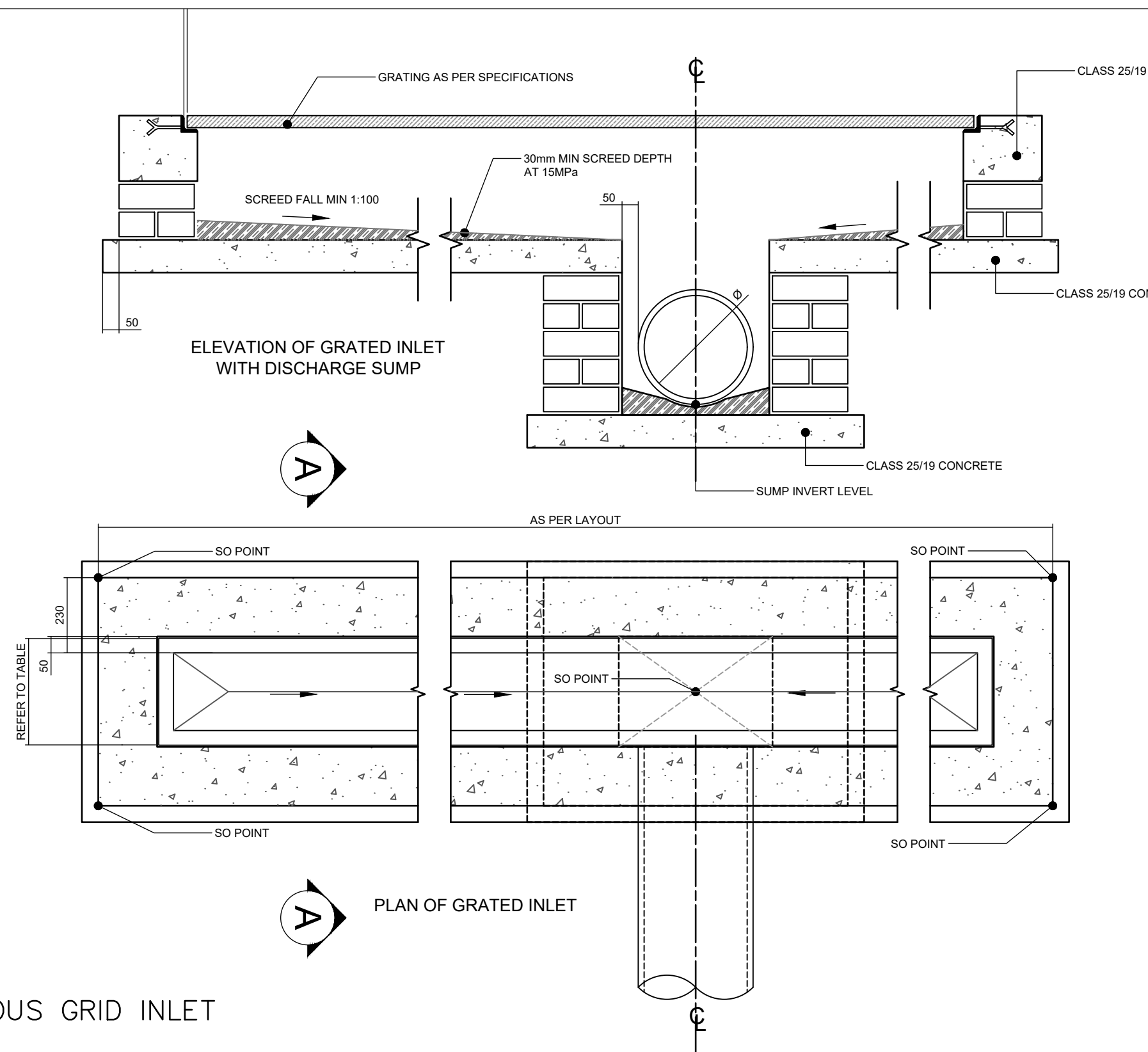
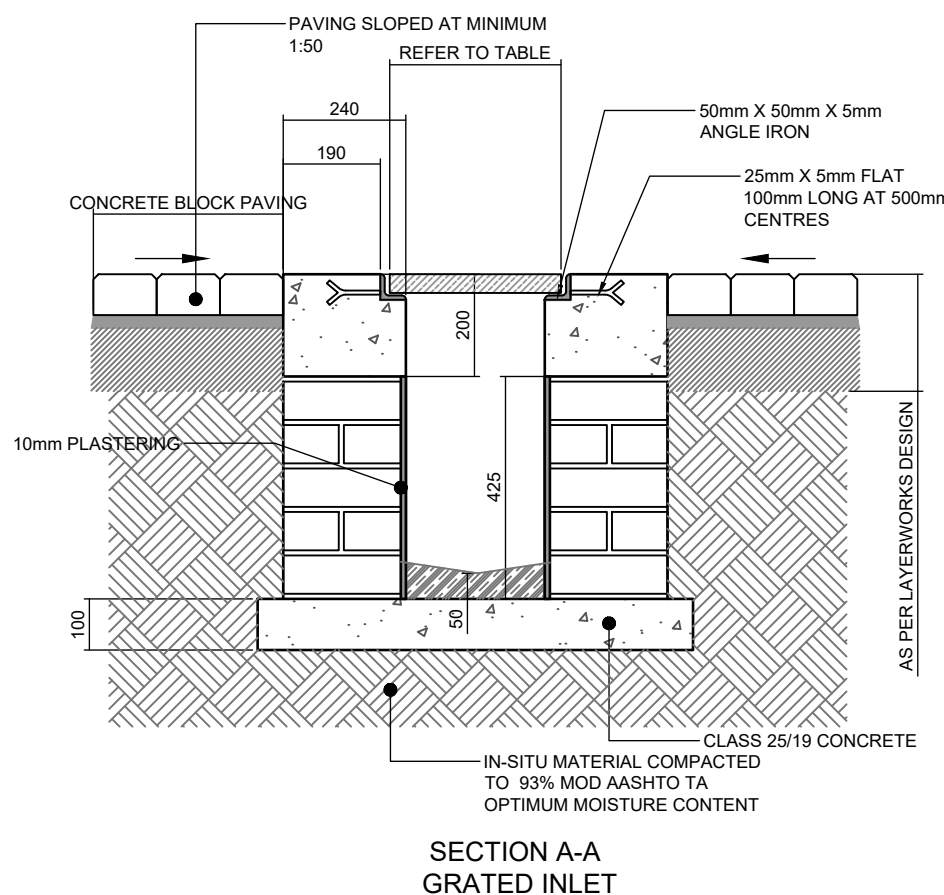
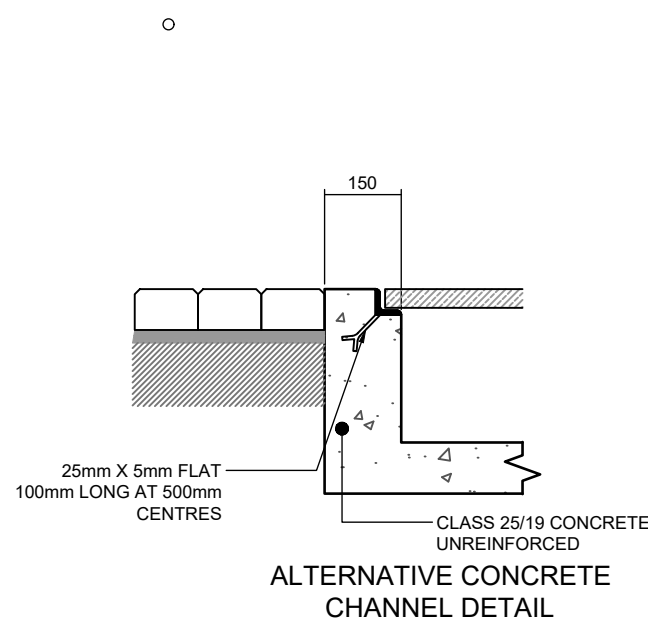
TYPICAL JUNCTION BOX DETAIL



OUTLET STRUCTURE DETAIL

TRENCH COVERS (TYPE RS40)		MENTIS 'RECTAGRID' TRENCH COVERS (TYPE RS40)	
BEARER BAR SIZE	GRATING TRENCH COVER STANDARD SIZES WIDTH & LENGTH	BEARER BAR SIZE	GRATING TRENCH COVER STANDARD SIZES WIDTH & LENGTH
25 x 4.5	325 x 1000	*25 x 4.5	325 x 1000
30 x 4.5	325 x 1000	*30 x 4.5	325 x 1000
40 x 4.5	325 x 1000	*40 x 4.5	325 x 1000
30 x 4.5	500 x 1000	30 x 4.5	500 x 1000
50 x 4.5	500 x 1000	50 x 4.5	500 x 1000

* AVAILABLE EX STOCK



FIELD INLET DETAIL

