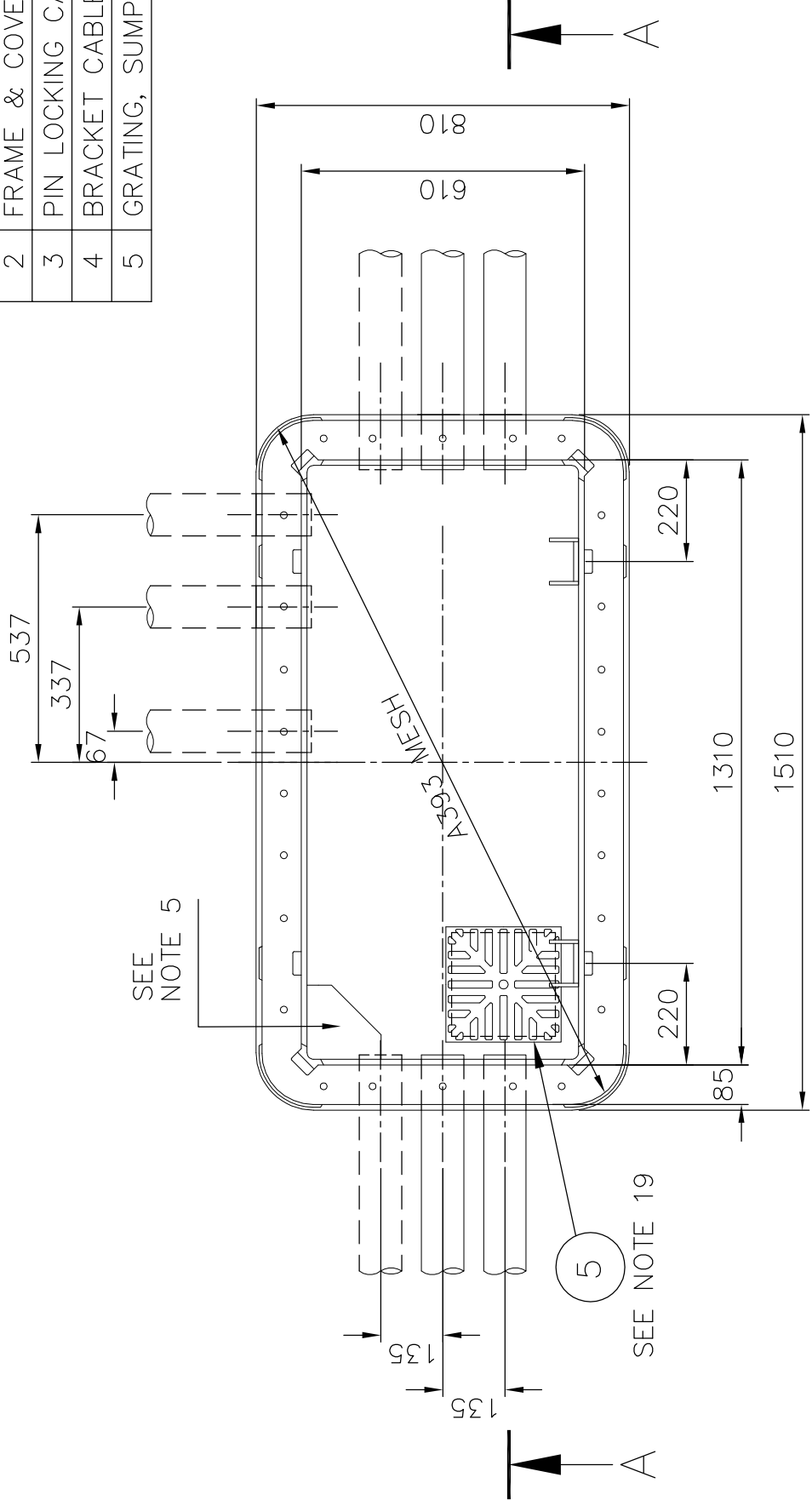


NOTES:

1. END DUCTS TO BE IN LINE.
2. THE MODULES HAVE DUCT ENTRY HOLE POSITIONS WHICH SHOULD BE PRE-DRILLED WITH A HOLE SAW BEFORE BUILDING THE U/G CHAMBER. HOLES FOR DUCTS CAN BE DRILLED IN ANY LOCATION TO ACCOMMODATE EXISTING DUCT RUNS PROVIDED THEY ARE COMPLIANT WITH CLEARANCE & SEPARATION STANDARDS. THEY MAY BE AT THE INTERSECTION OF 2 RINGS. ANY GAPS BETWEEN THE WALLS AND DUCT TO BE SEALED WITH EXCESS RESIN BEDDING, RESIN MORTAR OR CONCRETE.
3. MINIMUM REQUIRED DUCTS SHOWN. SOLID. MAXIMUM ADDITIONAL DUCTS SHOWN DOTTED. SHORT LENGTHS OF DUCT CAN BE INSERTED IN THESE LOCATIONS FOR POSSIBLE FUTURE USE.
4. SHORT LENGTHS OF DUCT 54D TO BE USED ON NON-DUCTED ROUTES, APPROPRIATE DUCT TO BE USED ON DUCTED ROUTES.
5. STEP(S) TO BE FITTED IN ALL BOXES DEEPER THAN 700mm. THE STEP(S) TO BE PROVIDED IN THE CORNER AWAY FROM ANY SIDE ENTRY DUCT.
6. SECOND ROW OF DUCTS MAY BE PROVIDED IN JOINT BOXES 106D, 106E & 106F ONLY.
7. THIS DRG TO BE READ IN CONJUNCTION WITH LATEST ISSUE OF BT SPECIFICATION LN 550.
8. DUCT ENTRIES: 2 X DUCTS FOR A JMF106 B-C, 4 X DUCTS FOR JMF106 D-F.
9. ALL DUCTS SHOWN ARE BASED ON MAXIMUM RECOMMENDED VALUES FOR DUCT TYPE 54D.
10. ITEM 1 SHOWN IN TYPICAL POSITION. IT'S POSITION MAY BE ADJUSTED TO SUIT LOCAL CONDITIONS.
11. BACKFILL SURROUNDING WITH EXCAVATED MATERIAL OR IMPORTED TYPE 1 MATERIAL WELL COMPACTED WITH VIBRATORY WHACKER PLATE OR PLACE LEAN MIX CONCRETE.
12. APPROVED MATERIALS SHALL BE USED TO ACHIEVE THE FINAL LEVEL OF THE FRAME & COVER.
13. IT IS HELPFUL TO USE A DEPTH MEASURE WHEN EXCAVATING TO GAUGE THE DEPTH OF EXCAVATION ACCURATELY.
14. THE DEFAULT ORDER IS FOR 6 RINGS (TYPICALLY A 106D CHAMBER).
15. IT IS IMPORTANT THAT THE TOP RING HAS THE ANGLE IRON OR STRENGTHENED WASHERS FOR ATTACHING PLATE PLANT PROTECTION IN FUTURE.
16. BENCHING CAN BE CARRIED OUT PROVIDED THAT A MINIMUM OF TWO COMPLETE RINGS ARE UNCUT.
17. IDEALLY, THE TOP 2 RINGS SHOULD NOT BE CUT.
18. BASE TO BE 200mm GRADE 35/45 CONCRETE WITH A WATER CEMENT RATIO 0.4. MIN CEMENT CONTENT 380kg/m<sup>3</sup>. AGGREGATE MAX. SIZE 20mm ALL IN ACCORDANCE WITH BS8500 (BS EN206).
19. SUMP: A PIPE MIN. 225mm DIA. CAN BE LEFT IN SITU TO FORM THE SUMP, ALL OTHER SUMP DETAILING AND DIMENSIONS TO BE AS THIS DRAWING.
20. ALL WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAY WORKS (SHW) AND ALL SUBSEQUENT AMENDMENTS.
21. 1No. LAYER A393 FABRIC MESH REINFORCEMENT IN TOP OF THE SLAB MINIMUM COVER 55mm TO ANY CONCRETE FACE. PROPRIETARY SPACERS TO BE USED. MESH TO BE GRADE B500B OR B500C CONFORMING TO BS4483.
22. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS, DOCUMENTATION AND SPECIFICATIONS RELATING TO THIS JOINTBOX TYPE CONSTRUCTION.
23. WORKMANSHIP, MATERIALS AND METHOD OF CONSTRUCTION ARE TO COMPLY WITH ALL CURRENT RELEVANT CONTRACT DOCUMENTS, EUROCODES, AND CODES OF PRACTICE (RELEVANT TO THE CONSTRUCTION INDUSTRY) AND ACCEPTED CONSTRUCTION PRACTICE.
24. ALL EXISTING SERVICES POSITIONS ARE TO BE VERIFIED ON SITE BY THE CONTRACTOR PRIOR TO STARTING THE WORKS. ALL ACCEPTED SAFE DIGGING PRACTICES AND SAFE METHODS OF WORKING ARE TO BE EMPLOYED DURING THE INSTALLATION OF THE JOINTBOX.
25. MODULAR JOINTBOX TO BE INSTALLED IN ACCORDANCE WITH THE RELEVANT SPECIFICATIONS AND GUIDANCE.

SCHEDULE							
ITEM	DESCRIPTION	No. OFF					
		DRG	6B	6C	6D	6E	6F
1	CABLE BEARERS, WALL TYPE, No.2 FOR JB106		2	—	—	—	—
2	CABLE BEARERS, WALL TYPE, No.3 FOR JB106		—	2	2	2	2
2	FRAME & COVER FOOTWAY No.6C	CN1914	1	1	1	1	1
3	PIN LOCKING CABLE BEARER	CN1301	2	2	2	2	2
4	BRACKET CABLE BEARER No.8	CN1069	2	2	2	2	2
5	GRATING, SUMP, No. 2	CN9165	1	1	1	1	1

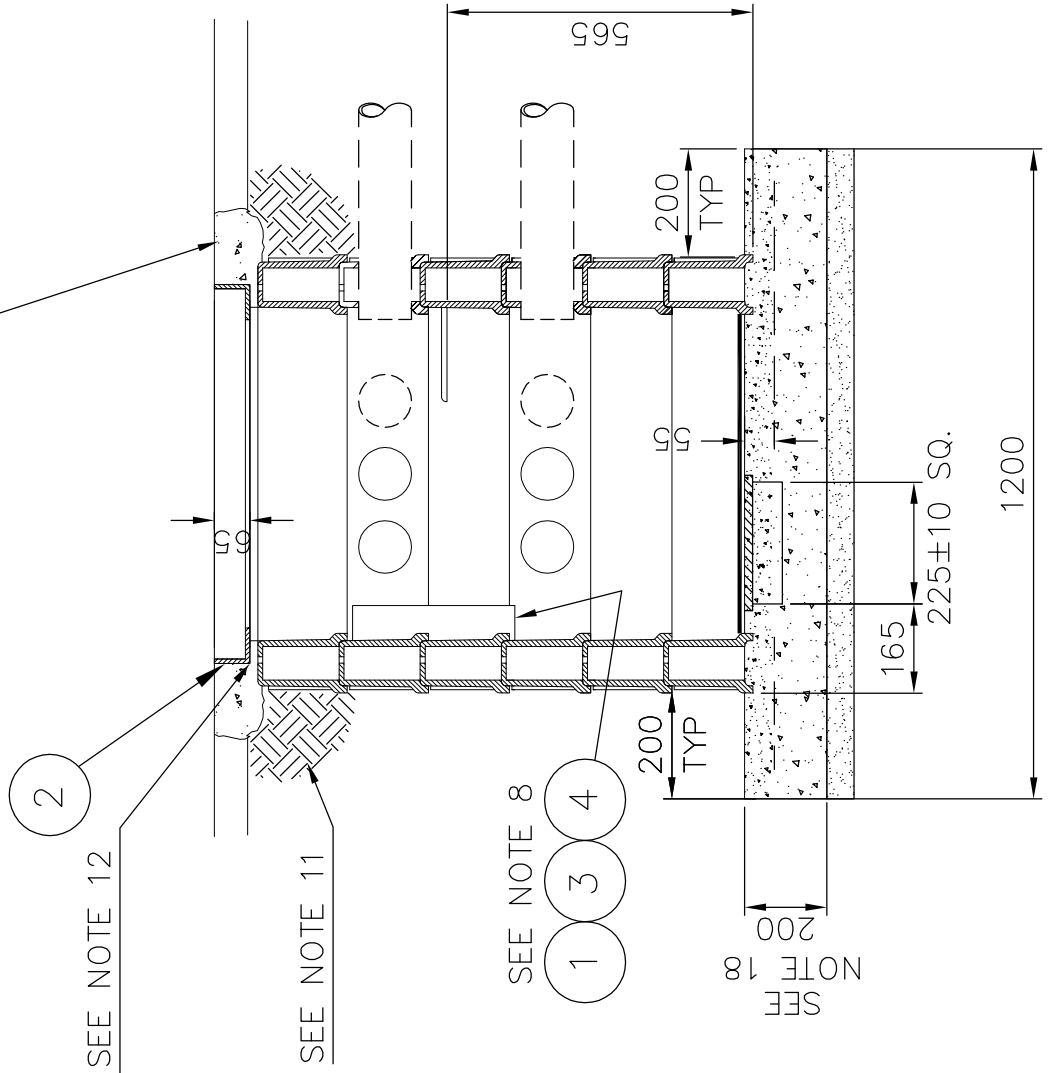


PLAN

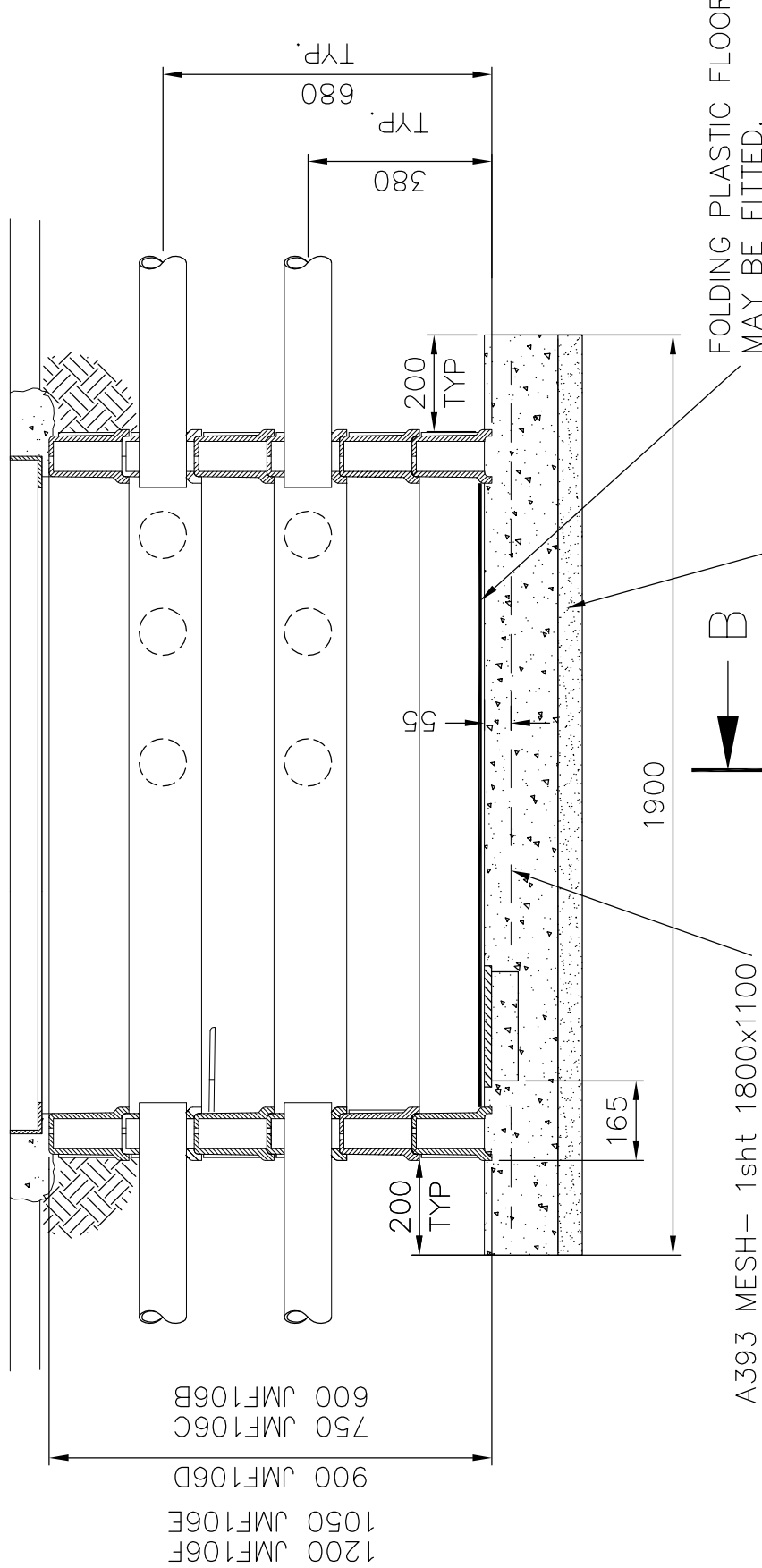
(FRAME & COVER OMITTED FOR CLARITY)

CONSTRUCT CONCRETE SURROUND

(GRADE C35/45) AS REQUIRED TO OUTER EDGES OF WALLS FOR UNPAVED SURFACES, TO DEPTH OF FRAME.



SECTION B-B



SECTION A-A

DRN S.A.D CKD A.O		ANY MODIFICATION TO THE DRAWING OR THE USE OF ALTERNATIVE ITEMS TO THOSE SPECIFIED MUST BE AGREED WITH THE DESIGNER.		DIMENSIONS IN mm UNLESS OTHERWISE STATED				© British Telecommunications plc 2005		DO NOT SCALE		ORIGINAL SCALE 1:10			
A1 A2	CERTIFICATION DESIGNER A.O CLIENT	MATERIAL —  FINISH —		Notes Amended   BT		—   27.11.2020		MODULAR JOINT BOX FOOTWAY JMF 106 B, C, D, E & F		REFERENCES SPEC LN 550					
DATE 12/12/05				AMENDMENT				Openreach		ALA944		CN 14981		SH 04 OF 04	