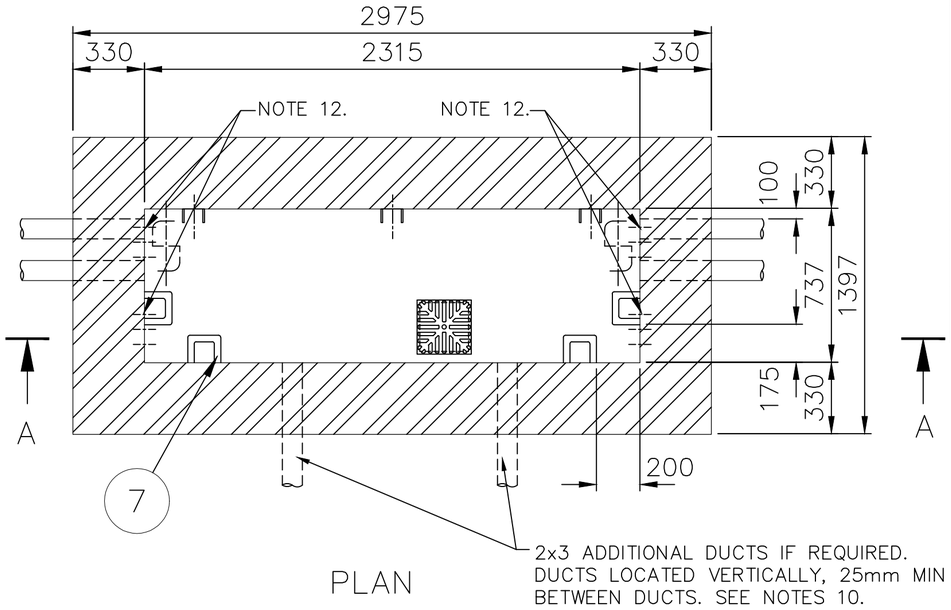
ORIGINAL FRAME SIZE 400mm X 574mm

PRODUCED BY CAD DO NOT MODIFY

THIRD ANGLE PROJECTION



PLAN

SCHEDULE					
ITEM	DESCRIPTION	No. OFF			
		DRG	10A	10B	10C
1	BOLTS, FOUNDATION, INDENTED No.2	CN1166	6	6	6
2	CABLE BEARERS, WALL TYPE, No.3	CN1059	3	–	–
3	CABLE BEARERS, WALL TYPE, No.5	CN1059	–	3	3
4	FRAME & COVER FOOTWAY OR DRIVEWAY No.10C	CN1915	1	1	1
5	GRATING, SUMP, No.2	CN9165	1	1	1
6	IRONS, ANCHOR No.4	CN1162	2	2	2
7	STEPS, MANHOLE No1	CN1961	6	8	8
8	A393 MESH – 2680x1290	–	1	1	1
9	PIN LOCKING CABLE BEARER	CN1302	6	6	6
10	BRACKET CABLE BEARER No.12	CN1069	6	6	6

TOLERANCES: – CN15456

BEDDING MATERIAL ±5mm

CEMENT MORTAR –20mm

VOIDAGE 0.5%

BRICKWORK MORTAR JOINTS ±5mm

WALL FLATNESS ±11mm

DUCT ENTRY POSITION ±25mm

DUCT FLUSH WITH WALL –10mm

F & C ROCKING NIL
F & C SURROUND IN UNMADE ±5mm
F & C UNSUPPORTED OVER BOX +5mm

STRUCTURE INTERNAL LENGTH & WIDTH ±25mm

STRUCTURE INTERNAL HEIGHT ±15mm

VERTICALITY OF WALLS ±15mm

SLAB THICKNESS –10 TO +150mm

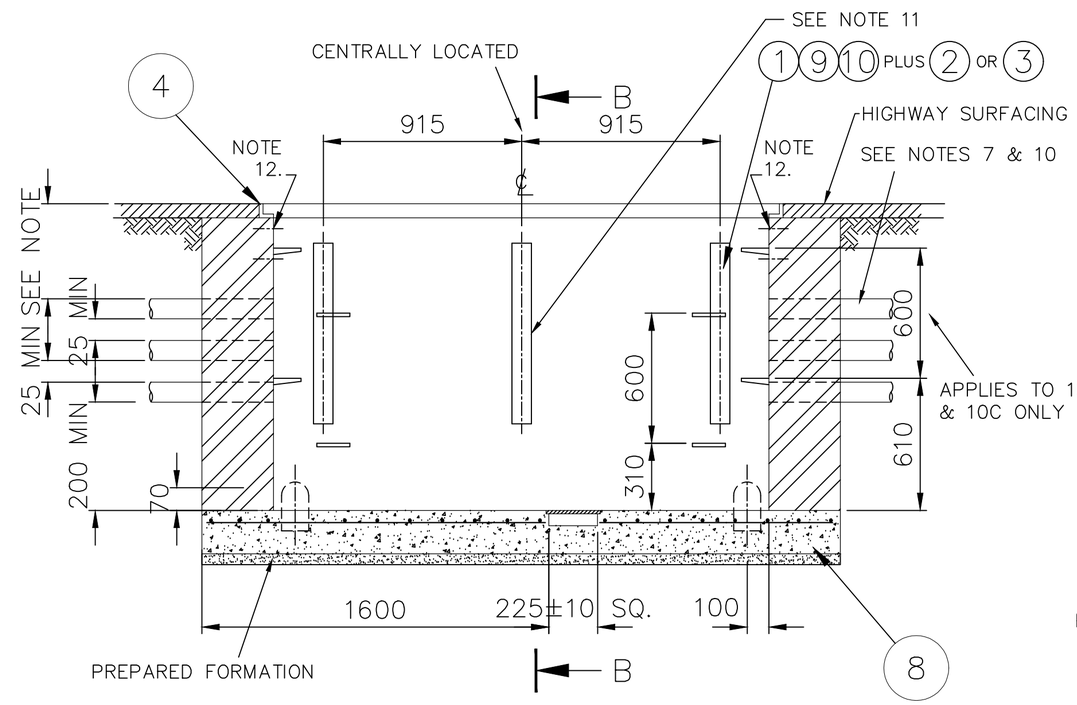
BOLT FOUNDATION ±5mm

DUCT DEPTHS OF COVER – (DoC)

MINIMUM DoC TO BE IN ACCORDANCE WITH CURRENT LN 550 SPEC.N AND INDUSTRY STANDARD GUIDELINES AND APPROVED BEST PRACTICES: –

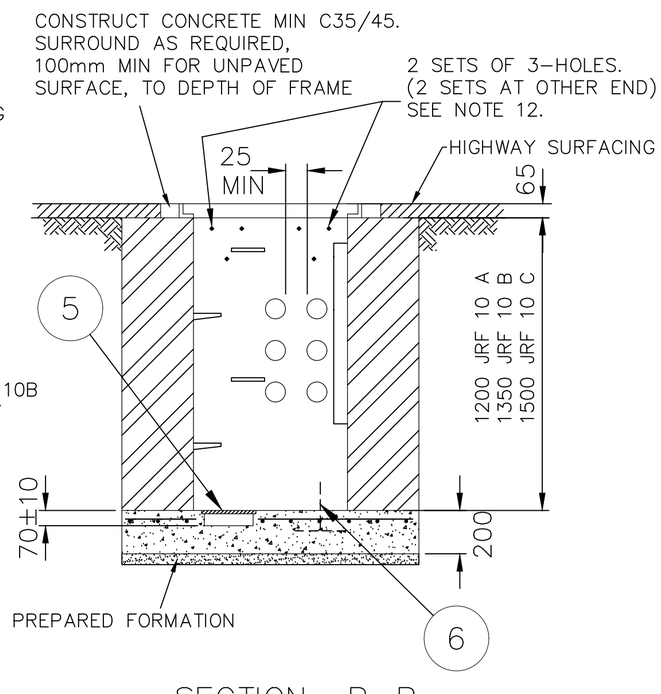
FOOTWAY (F/W)	250mm (MIN)
CARRIAGEWAY (C/W)	450mm (MIN) **

** SUBJECT TO DUCTS BEING INSTALLED BELOW DEPTH OF STRUCTURAL BUILD UP FOR C/W CONSTRUCTION FOR RELEVANT C/W CATEGORY.



SECTION A–A

ITEM 8 – A393 MESH, 55mm COVER TO TOP & SIDES, CUT HOLE AT SUMP.



SECTION B–B

NOTES

1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS, DOCUMENTATION AND SPECIFICATIONS RELATING TO THIS JOINTBOX TYPE CONSTRUCTION.
2. 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.
3. ALL EXISTING SERVICES POSITIONS ARE TO BE VERIFIED ON SITE BY THE CONTRACTOR PRIOR TO STARTING THE WORKS.
4. ALL ACCEPTED SAFE DIGGING PRACTICES AND SAFE METHODS OF WORKING ARE TO BE EMPLOYED DURING THE INSTALLATION OF THE JOINTBOX.
5. CONCRETE TO BE GRADE C35/45 WITH A WATER CEMENT RATIO 0.4. MIN. CEMENT CONTENT 380kg/m³. AGGREGATE MAX. SIZE 20mm. ALL IN ACCORDANCE WITH BS8500 (BS EN206).
6. ALL DUCTS SHOWN ARE BASED ON MAXIMUM RECOMMENDED VALUES FOR DUCT TYPE 54D.
7. END DUCTS TO BE IN LINE.
8. WHERE POSSIBLE DUCTS TO BE POSITIONED NOT LESS THAN 75mm FROM A SIDE WALL.
9. MINIMUM REQUIRED DUCTS SHOWN SOLID FOR EACH JOINTBOX VARIATION.
10. SHORT LENGTHS OF DUCTS 54D TO BE USED ON NON–DUCTED ROUTES, APPROPRIATE DUCT TO BE USED ON DUCTED ROUTES.
11. ITEMS 1&2 ARE SHOWN IN TYPICAL POSITIONS, THEY MAY BE REPOSITIONED OR INCREASED TO SUIT LOCAL CONDITIONS.
12. DRILL 4 SET OF 3 HOLES USING A 12mm MASONRY DRILL BIT TO A DEPTH OF 80mm FOR POSSIBLE FUTURE FITTING OF MOBRA BRACKET, SEE DRAWING CN15562 FOR DRILLING DETAILS.
13. IF OTIAN MOBRA BRACKET IS TO BE FITTED, LEAVE OUT WALL TYPE BEARERS AND STEPS. BOLTS FOUNDATION FOR WALL TYPE BEARERS SHOULD BE FITTED.
14. STEP MANHOLE TO BE FITTED IN ALL BOXES DEEPER THAN 700mm. THE STEP TO BE PROVIDED IN THE POSITION SHOWN ON THE END WALL REMOTE FROM ANY SIDE ENTRY DUCT.
15. FOR METHOD OF FIXING ITEM 4 SEE DRAWING CN1961.
16. BRICKS USED TO BE (MINIMUM) CLASS B ENGINEERING BRICKS. MORTAR TO BE CLASS (iii) 1:5 CEMENT: SAND RATIO (MAXIMUM) OR 1:1:5 CEMENT: LIME: SAND.
17. BRICKS AND MORTAR TO BE IN ACCORDANCE WITH BS EN1996.
18. 1N° LAYER A393 FABRIC MESH REINFORCEMENT IN TOP OF THE SLAB MINIMUM COVER 55mm TO ANY CONCRETE FACE. PROPRIETARY SPACERS TO BE USED.
19. MESH TO BE GRADE B500B OR B500C CONFORMING TO BS4483.
20. ALL WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAY WORKS (SHW) AND ALL SUBSEQUENT AMENDMENTS.
21. ALL BACKFILL MATERIAL TO BE CLASS 6N TYPE.

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

DO NOT SCALE ORIGINAL SCALE 1:20

A2 / A3	DRN B.S.(PIPCO) CKD M.S. CERTIFICATION DESIGNER J.VERONA CLIENT MAZZ DARIOS	MATERIAL – FINISH –	General Drawing Review Note added re minimum duct depths. Minor drafting mods BT T&S Design 11.07.19	L	JOINT BOX FOOTWAY JBF 110 A, B, C
DATE 27/07/94			AMENDMENT	ISSUE	Openreach ALA944 CN 14982 SHT 03 OF 04

REFERENCES
SPEC LN 550

CN14982S03