

TOLERANCES: - CN15456

BEDDING MATERIAL ±5mm

CEMENT MORTAR -20mm

WALL FLATNESS ±11mm

F & C ROCKING NIL

DUCT ENTRY POSITION ±25mm

DUCT FLUSH WITH WALL -10mm

F & C SURROUND IN UNMADE ±5mm

F & C UNSUPPORTED OVER BOX +5mm

STRUCTURE INTERNAL LENGTH & WIDTH

STRUCTURE INTERNAL HEIGHT ±15mm

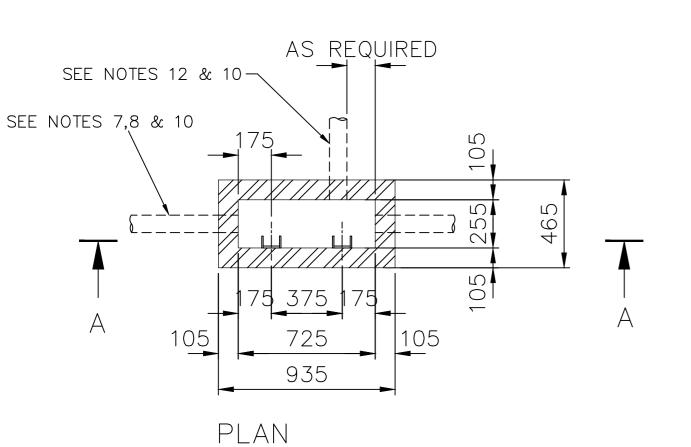
VERTICALITY OF WALLS ±15mm

BOLT FOUNDATION ±5mm

SLAB THICKNESS -10 TO +150mm

VOIDAGE 0.5%

 ± 25 mm



SECTION A-A

MATERIAL

FINISH

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PREPARED FORMATION

ВТ

SCHEDULE				
ITEM	DESCRIPTION	No. OFF		
		DRG	102A	102B
1	BOLTS, FOUNDATION, INDENTED No.2	CN1166	4	4
2	CABLE BEARERS, WALL TYPE, No.2	CN1059	2	2
3	FRAME & COVER No.2C FW/DW	CN1911	1	1
4	PIN LOCKING CABLE BEARER	CN1301	2	2
5	BRACKET CABLE BEARER No.5	CN1069	2	2

<u>DUCT DEPTHS OF COVER</u> - (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) 450mm (MIN) ** CARRIAGEWAY (C/W)

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

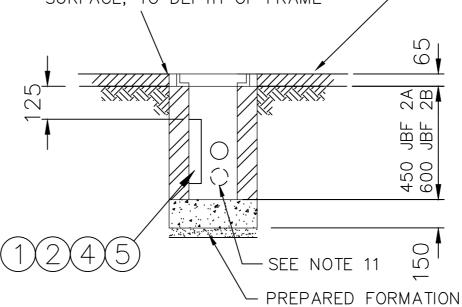
<u>NOTES</u>

- 1. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS, DOCUMENTATION AND SPECIFICATIONS RELATING TO THIS JOINTBOX TYPE
- 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
- 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 EQUIDISTANT FROM SIDE WALLS.
- 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. IN A JBF 102B ONLY AN ADDITIONAL DUCT CAN BE PLACED, DOTTED LINE INDICATES MIN 50mm FROM BASE.
- 12. ONE SINGLE WAY DUCT TO BE PROVIDED IF REQUIRED FOR POSSIBLE FUTURE SPUR THE DUCT TO BE POSITIONED IN EITHER OF THE SIDE WALLS.
- 13. ITEMS 1&2 ARE SHOWN IN TYPICAL POSITIONS, THEY MAY BE REPOSITIONED OR INCREASED TO SUIT LOCAL CONDITIONS.
- 14. FOR METHOD OF FIXING ITEM 3 SEE DRAWING CN1961.
- 15. ALL WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAY WORKS (SHW) AND ALL SUBSEQUENT AMENDMENTS.
- 16. ALL BACKFILL MATERIAL IS TO BE CLASS 6N TYPE.
- 17. ALL CONSTRUCTION JOINTS TO BE AS PER CLAUSE 1710 SHW.
- 18. 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.
- 19. BRICKS AND MORTAR TO BE IN ACCORDANCE WITH BS EN1996.

ORIGINAL SCALE 1:20 DO NOT SCALE JOINT BOX FOOTWAY JBF 102 A & B

REFERENCES

CONSTRUCT CONCRETE, MIN C35/45 SURROUND AS REQUIRED, TO OUTER HIGHWAY SURFACING HIGHWAY SURFACING EDGE OF WALLS FOR UNPAVED SURFACE, TO DEPTH OF FRAME Θ \sim 99



SECTION B-B

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

50 MIN FOR 2A

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General Drawing Review. Note added re minimum duct depths. Minor drafting mods.

ISSUE Openreach

SPEC LN 550

DRN B.S.(PIPCO) CKD M.S. CERTIFICATION DESIGNER J. VERONA CLIENT MAZZ DARIOS

DATE 27/07/94

T&S Design 30.06.19

AMENDMENT

ALA944

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