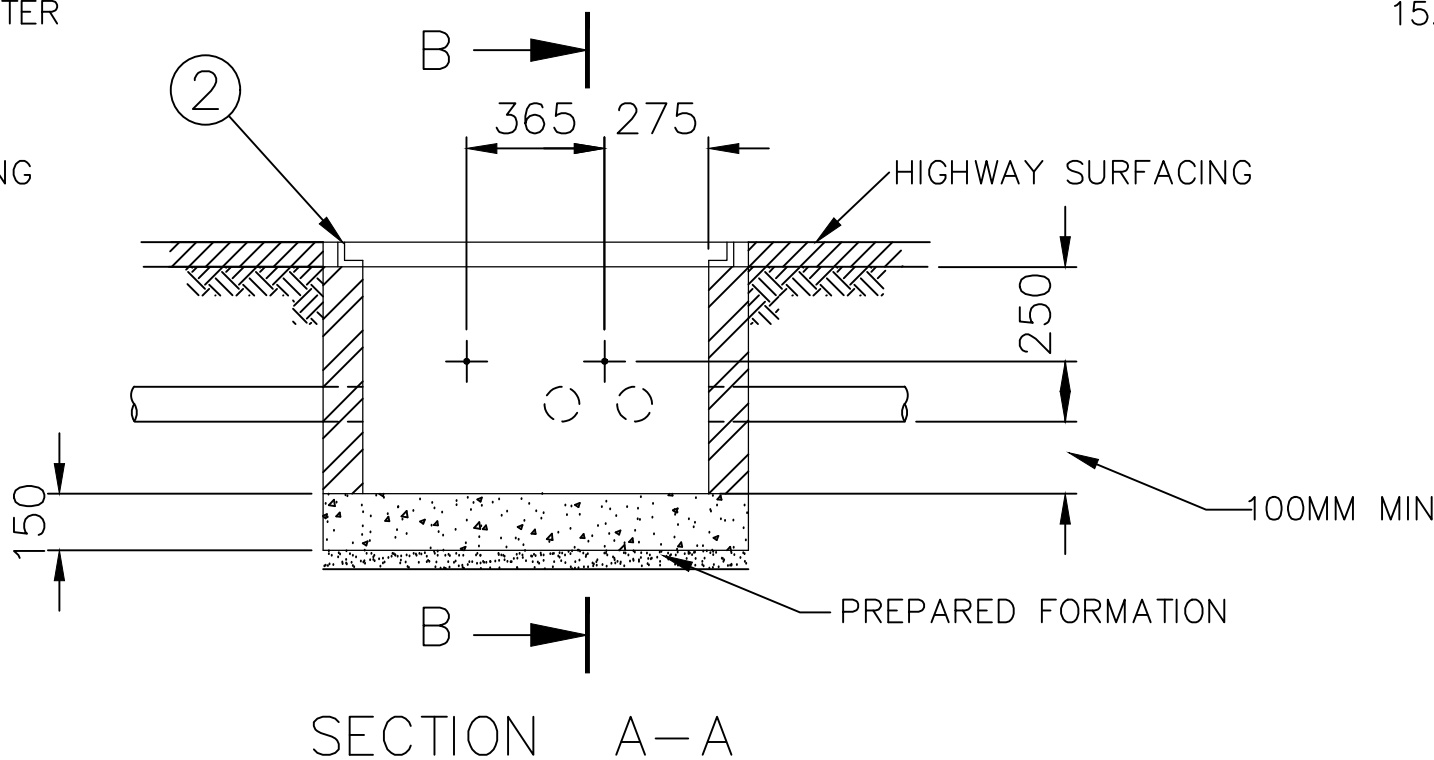
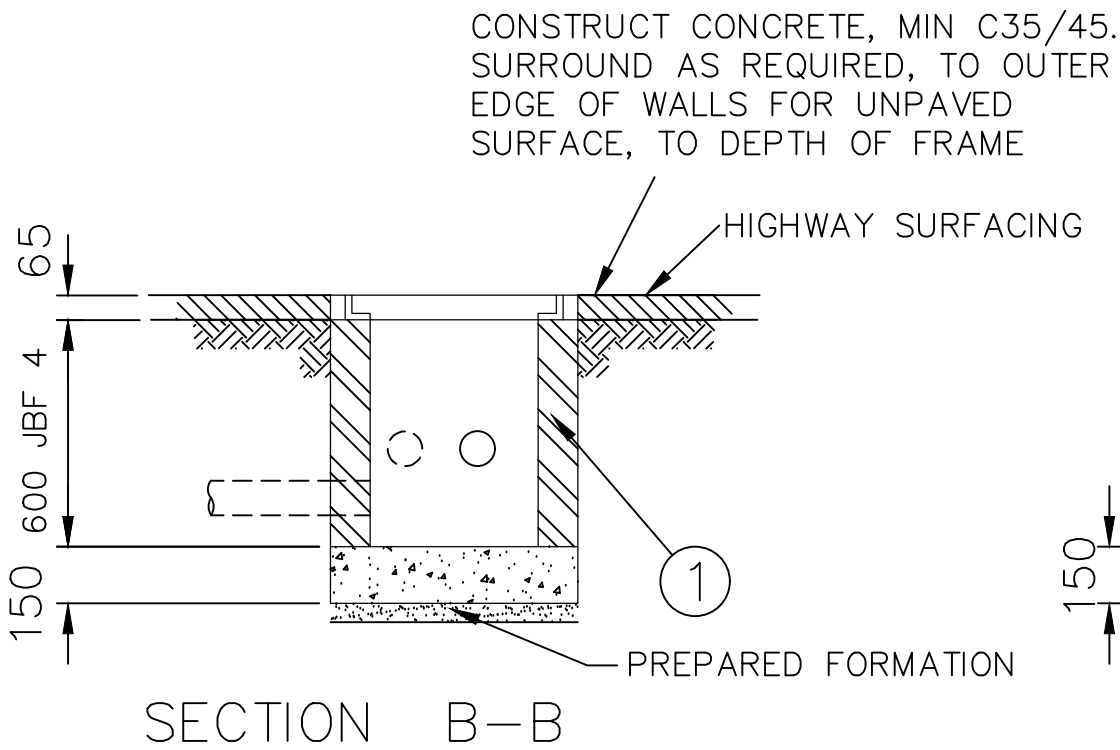
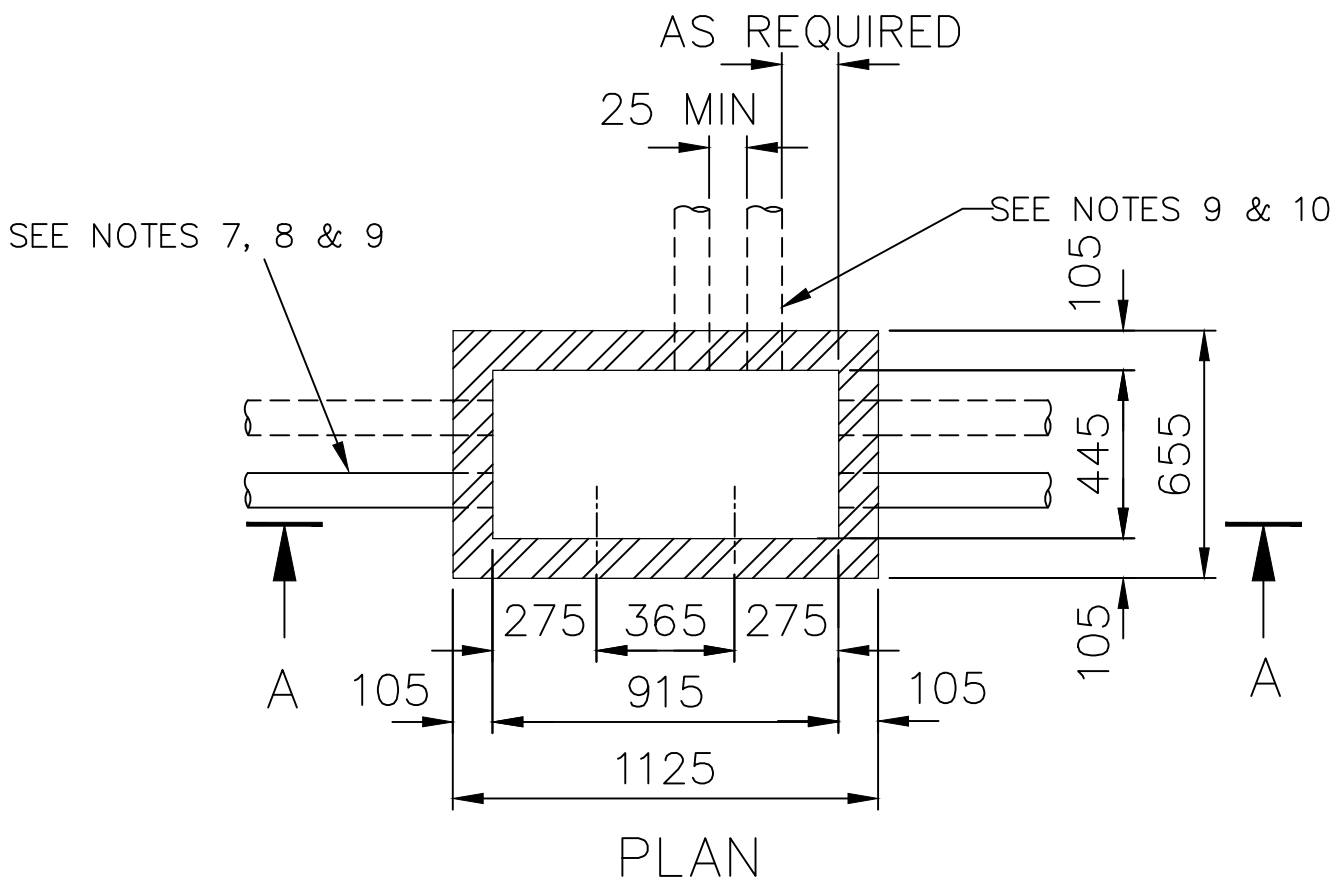


TOLERANCES: – CN15456
BEDDING MATERIAL +5mm
CEMENT MORTAR –20mm
VOIDAGE 0.5%
BRICKWORK MORTAR JOINTS ±5mm
WALL FLATNESS ±11mm
DUCT ENTRY POSITION ±25mm
DUCT FLUSH WITH WALL –10mm
F & C ROCKING NIL
F & C SURROUND IN UNMADE ±5mm
F & C UNSUPPORTED OVER BOX +10mm
STRUCTURE INTERNAL LENGTH & WIDTH ±15mm
STRUCTURE INTERNAL HEIGHT ±10mm
VERTICALITY OF WALLS ±15mm
SLAB THICKNESS –10mm TO +150mm
BOLT FOUNDATION ±5mm

SCHEDULE			
ITEM	DESCRIPTION	No. OFF	
		DRG	4
1	BOLTS, FOUNDATION, INDENTED No.2	CN1166	2
2	FRAME & COVER No.4C	CN1912	1



- NOTES
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS, DOCUMENTATION AND SPECIFICATIONS RELATING TO THIS JOINTBOX TYPE CONSTRUCTION.
  - WORKMANSHIP, MATERIALS AND METHOD OF CONSTRUCTION ARE TO COMPLY WITH ALL CURRENT RELEVANT CONTRACT DOCUMENTS, BRITISH STANDARDS, EUROCODES AND CODES OF PRACTICE (RELEVANT TO THE CONSTRUCTION INDUSTRY) AND ACCEPTED CONSTRUCTION PRACTICE.
  - 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.
  - 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).
  - ALL DUCTS SHOWN ARE BASED ON MAXIMUM RECOMMENDED VALUES FOR DUCT TYPE 54D.
  - END DUCTS TO BE IN LINE.
  - WHERE POSSIBLE DUCTS TO BE POSITIONED NOT LESS THAN 75mm FROM A SIDE WALL.
  - MINIMUM REQUIRED DUCTS SHOWN SOLID FOR EACH JOINTBOX VARIATION.
  - SHORT LENGTHS OF DUCTS 54D TO BE USED ON NON-DUCTED ROUTES, APPROPRIATE DUCT TO BE USED ON DUCTED ROUTES.
  - ITEMS 1&2 ARE SHOWN IN TYPICAL POSITIONS, THEY MAY BE REPOSITIONED OR INCREASED TO SUIT LOCAL CONDITIONS.
  - 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.
  - BRICKS AND MORTAR TO BE IN ACCORDANCE WITH BS EN1996.
  - ALL WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAY WORKS (SHW) AND ALL SUBSEQUENT AMENDMENTS.
  - ALL BACKFILL MATERIAL TO BE CLASS 6N TYPE.

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.	

ANY MODIFICATION TO THE DRAWING OR THE USE OF ALTERNATIVE ITEMS TO THOSE SPECIFIED MUST BE AGREED WITH THE DESIGNER.

BE AGREED WITH THE DESIGNER.		DIMENSIONS IN mm UNLESS OTHERWISE STATED		© British Telecommunications plc 2010		DO NOT SCALE		ORIGINAL SCALE 1:20	
A2 A3	DRN GP CKD IM	MATERIAL —	General Drawing Review Note added re minimum duct depths. Minor drafting mods Prepared formation note added	C		JOINT BOX FOOTWAY JBF 104 NEW SITES		REFERENCES SPEC LN 550	
	CERTIFICATION DESIGNER	FINISH —							
	DC CLIENT DC								
DATE 22/12/10		BT	T&S Design 12.07.19	ISSUE	Openreach	BEA3	CN 15727	SHT 01 OF 01	
			AMENDMENT						