



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

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 1994		DO NOT SCALE		ORIGINAL SCALE 1:20	
A2 A3	DRN B.S.(PIPCO) CKD M.S.	MATERIAL —	General Drawing Review. Note added re minimum duct depths. Minor drafting mods.	J		JOINT BOX FOOTWAY JBF 102 A & B		REFERENCES SPEC LN 550	
	CERTIFICATION DESIGNER J.VERONA CLIENT MAZZ DARIOS	FINISH —							
	DATE 27/07/94					BT	T&S Design 30.06.19	ISSUE	Openreach
			AMENDMENT						