

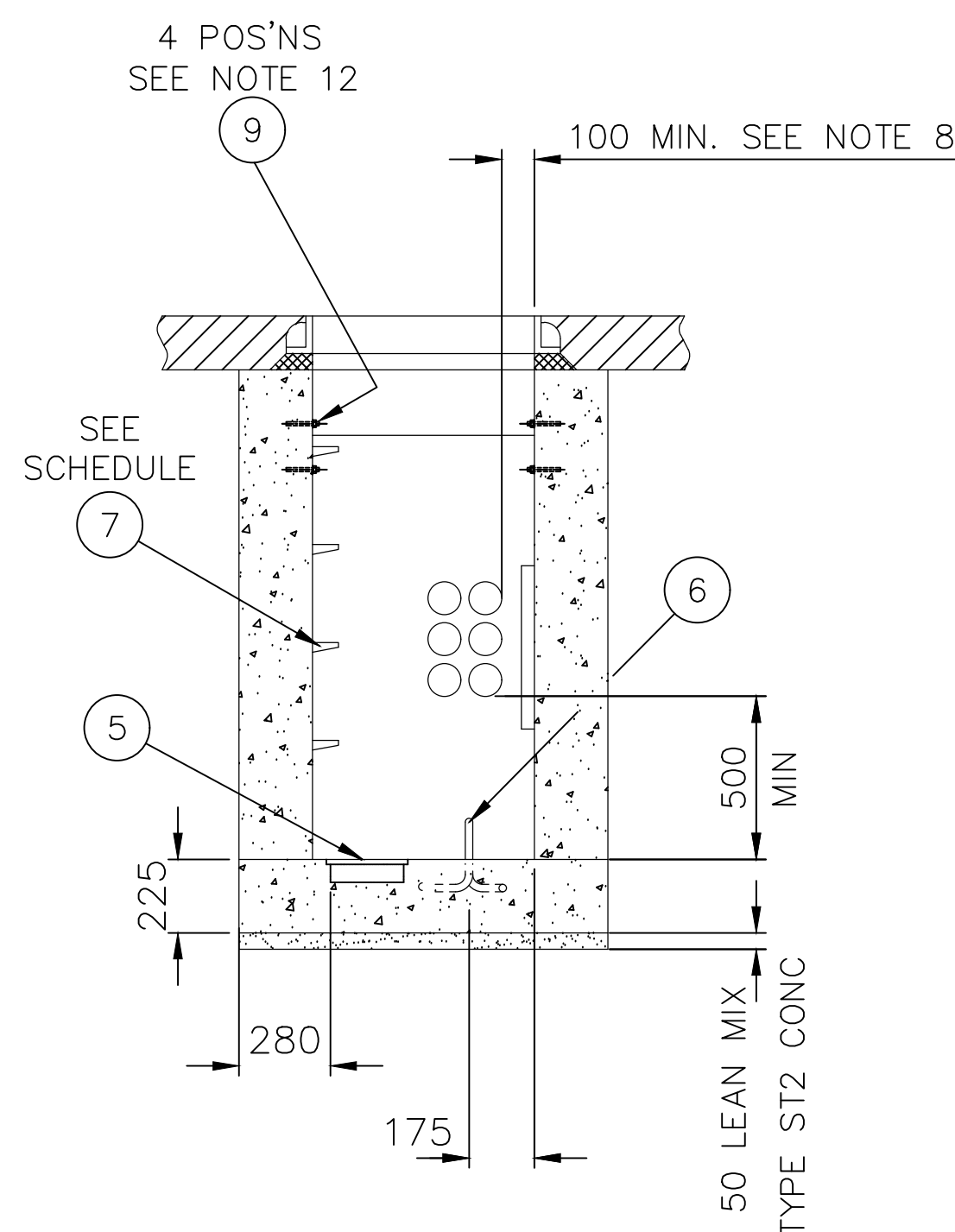
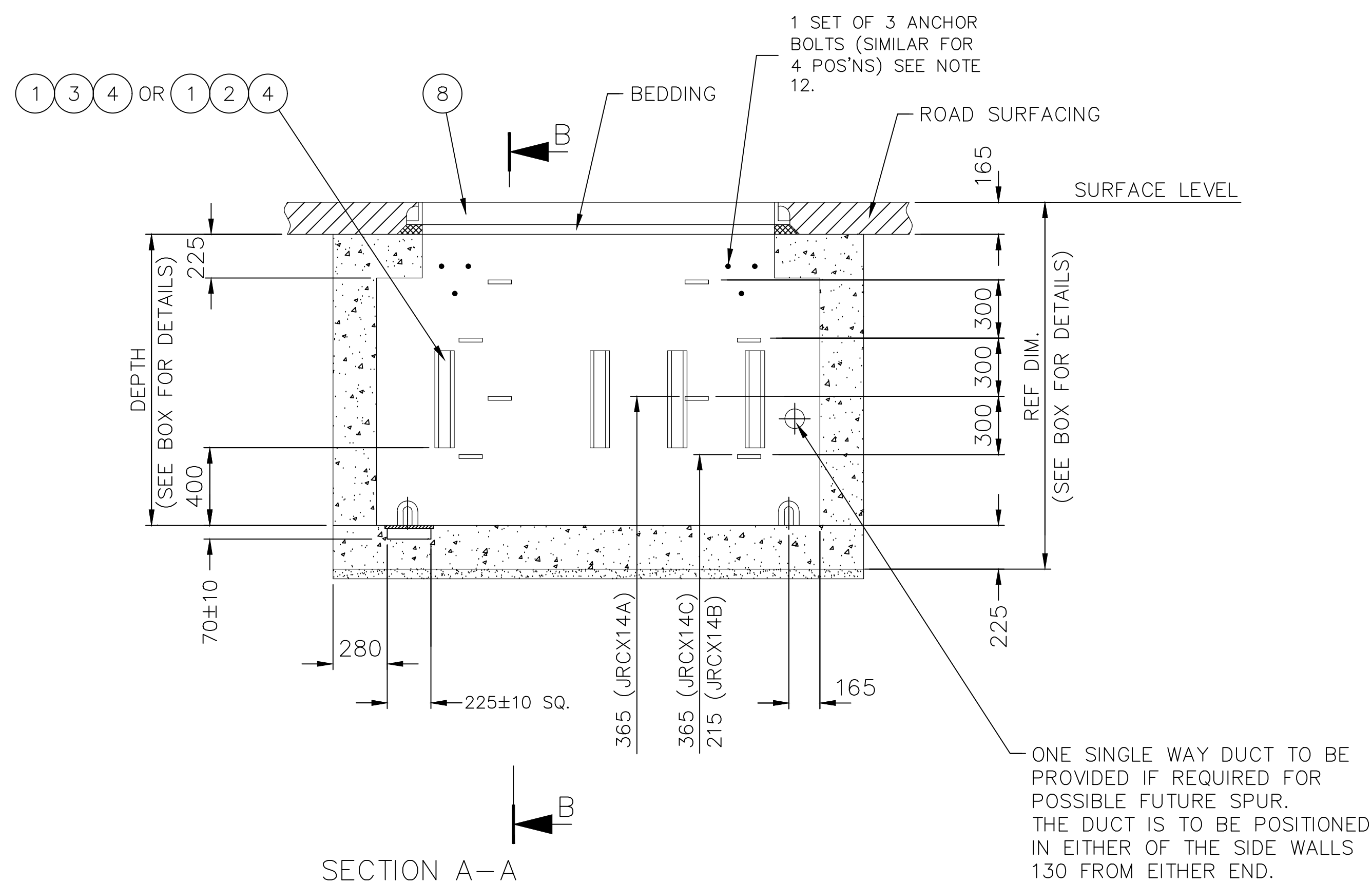
JOINT BOX DEPTH VARIATION			
TYPE	DEPTH	REF DIM.	No. OF DUCTS
A	1200	1590	4
B	1350	1740	6
C	1500	1890	6

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.

SCHEDULE							
ITEM	DESCRIPTION	DRAWING	QTY				
			JRCX14A	JRCX14B	JRCX14C		
1	BOLT FOUNDATION INDENTED No.2	CN1166	8	8	8		
2	CABLE BEARER WALL TYPE No.3	CN1061	4	—	—		
3	CABLE BEARER WALL TYPE No.5	CN1061	—	4	4		
4	BRACKET CABLE BEARER No.12	CN1069	4	4	4		
5	GRATING SUMP No.2A	CN9165	1	1	1		
6	IRON ANCHOR No.4	CN1162	2	2	2		
7	STEP MANHOLE No.1	CN1163	6	8	8		
8	FRAME & COVER CARRIAGEWAY No.3	CN1950 CN13885	1	1	1		
9	M12 X 100 LG. THROUGH BOLT RAWPLUG ITEM NO. 56—840 OR EQUIV. SEE NOTE 12.	—	12	12	12	12	
10	PINS LOCKING	CN1301	4	4	4	4	



## SECTION B-B

## NOTES

1. THIS DRAWING TO BE READ IN JUNCTION 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, BRITISH STANDARDS, 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  $380\text{kg/m}^3$ . AGGREGATE MAX. SIZE 20mm. ALL IN ACCORDANCE WITH BS8500 (BS EN208).
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. THIS JOINT BOX HAS BEEN DESIGNED FOR THE GREATER HEIGHT JRCX14C. WHERE JRCX14A OR 14B ARE TO BE USED SEE SHEET 2 AND 3 FOR VARIATIONS TO REINFORCEMENT.
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 8 SEE DRAWING CN1961.
16. SEE SHEET 02 OF 02 FOR REINFORCEMENT DETAILS AND NOTES.
17. ALL WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAY WORKS (SHW) AND ALL SUBSEQUENT AMENDMENTS.
18. ALL BACKFILL MATERIAL IS TO BE CLASS 6N TYPE.
19. ALL CONSTRUCTION JOINTS TO BE AS PER CLAUSE 1710 SHW.

TOLERANCES: - CN15456
ANCHOR IRON POSITION $\pm 50\text{mm}$ TOP OF DEPTH PLATE $\pm 4\text{mm}$
BEDDING MATERIAL $\pm 5$
VOIDAGE 0.5%
WALL FLATNESS $\pm 11\text{mm}$
F & C LEVEL WITH HIGHWAY NIL F & C ROCKING NIL F & C SURROUND IN UNMADE $\pm 5\text{mm}$ F & C UNSUPPORTED OVER BOX $+5\text{mm}$
CHAMBER INTERNAL LENGTH & WIDTH $\pm 25\text{mm}$
CHAMBER INTERNAL HEIGHT $\pm 15\text{mm}$
STEEL BARS ALIGNMENT VERT & HORIZ $\pm 15\text{mm}$ NEAR FACE TO FAR FACE $\pm 15\text{mm}$
STEEL CAGE GRID PATTERN $\pm 10\text{mm}$
STEEL DEPTH OF COVER $\pm 5\text{mm}$
STEEL DEPTH TO LUG $\pm 5\text{mm}$ STEP POSITION $\pm 15\text{mm}$ STEP HORIZONTAL $\pm 5\text{mm}$
SUMP POSITION $\pm 25\text{mm}$ SUMP DEPTH $\pm 10\text{mm}$ ROUND SUMP 230 $\phi$ $\pm 5\text{mm}$
VERTICALITY OF WALLS $\pm 15\text{mm}$
SLAB THICKNESS -10 TO $+150\text{mm}$

DIMENSIONS IN mm UNLESS OTHERWISE STATED

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DO NOT SCALE

ORIGINAL SCALE 1:20

A1 A2	DRN D.FRANCIS CKD M.E.COX	ANY MODIFICATION TO THE DRAWING OR THE USE OF ALTERNATIVE ITEMS TO THOSE SPECIFIED MUST BE AGREED WITH THE DESIGNER.	MATERIAL —	General Drawing Review Item 10 added to schedule. Note added re minimum duct depths.	J	JOINT BOX JRCX14A, JRCX14B & JRCX14C		REFERENCES SEE NOTES D1000 BS8500, BS EN206 CN15562		
	CERTIFICATION DESIGNER K.G.STANLEY CLIENT N/A		FINISH —							
DATE 02/09/88			BT	T&S Design 12.07.19		Openreach		ALA944	CN 14161	SHT 01 OF 03
			AMENDMENT		ISSUE					

CN14161S03
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