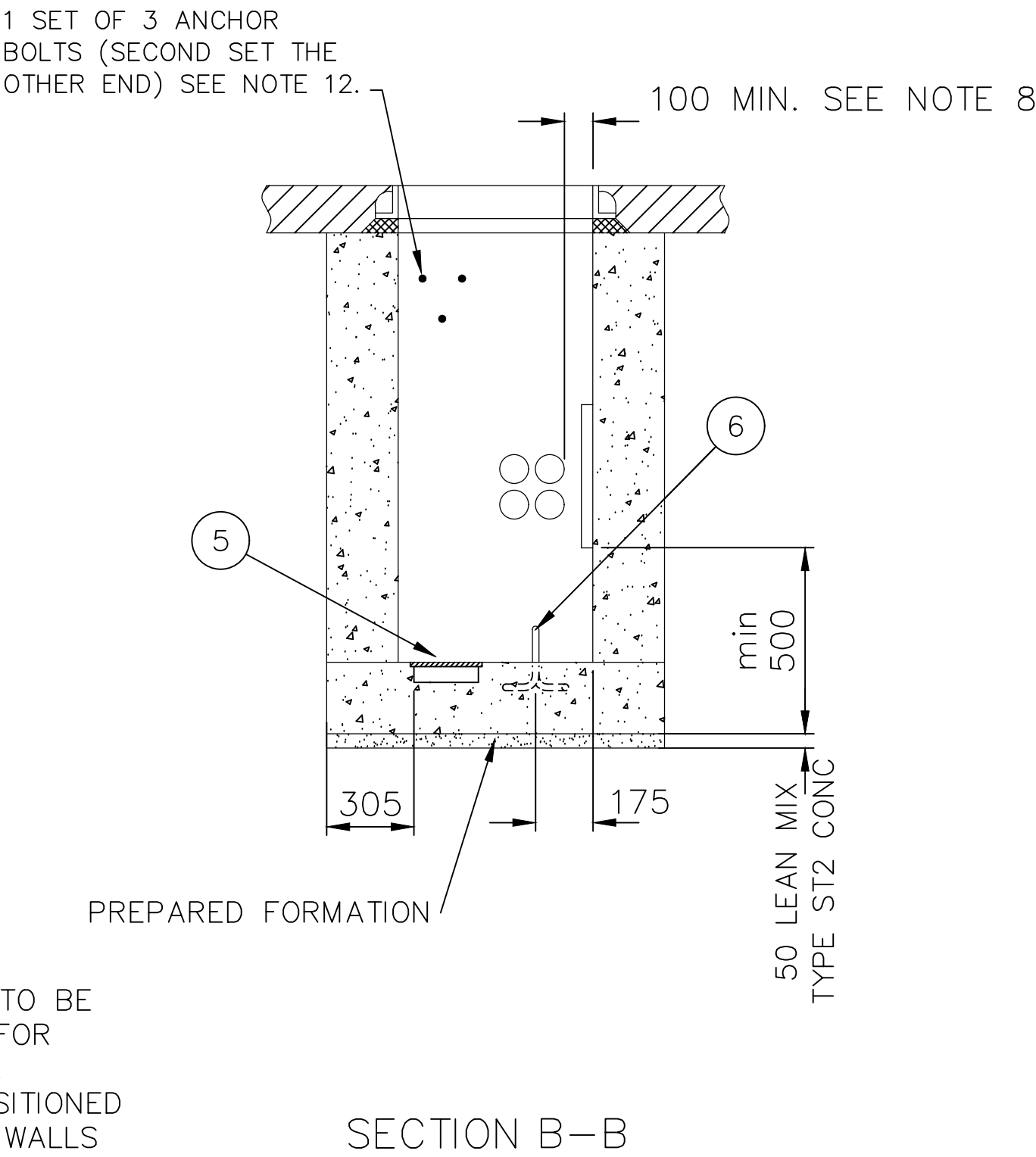
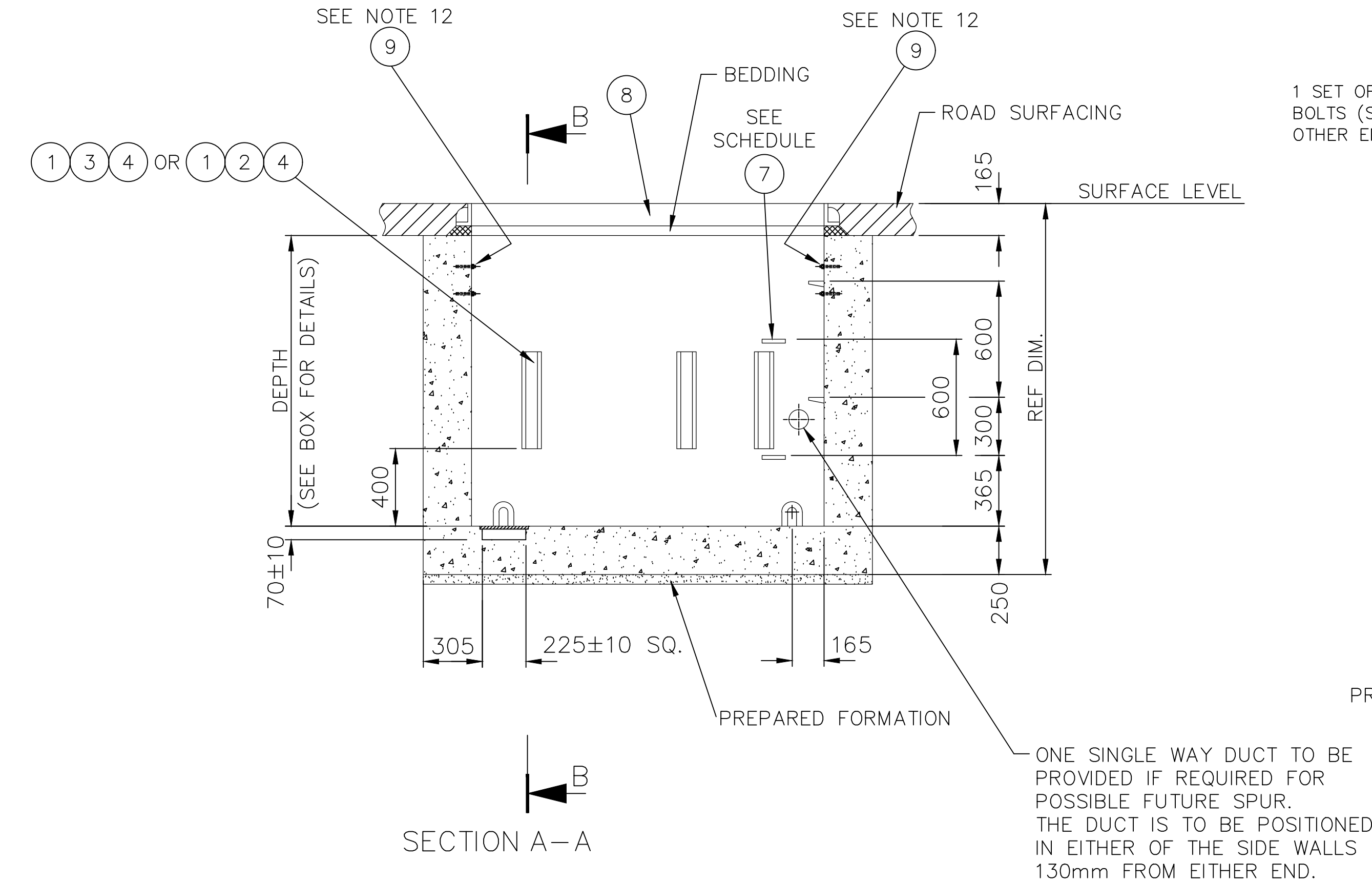
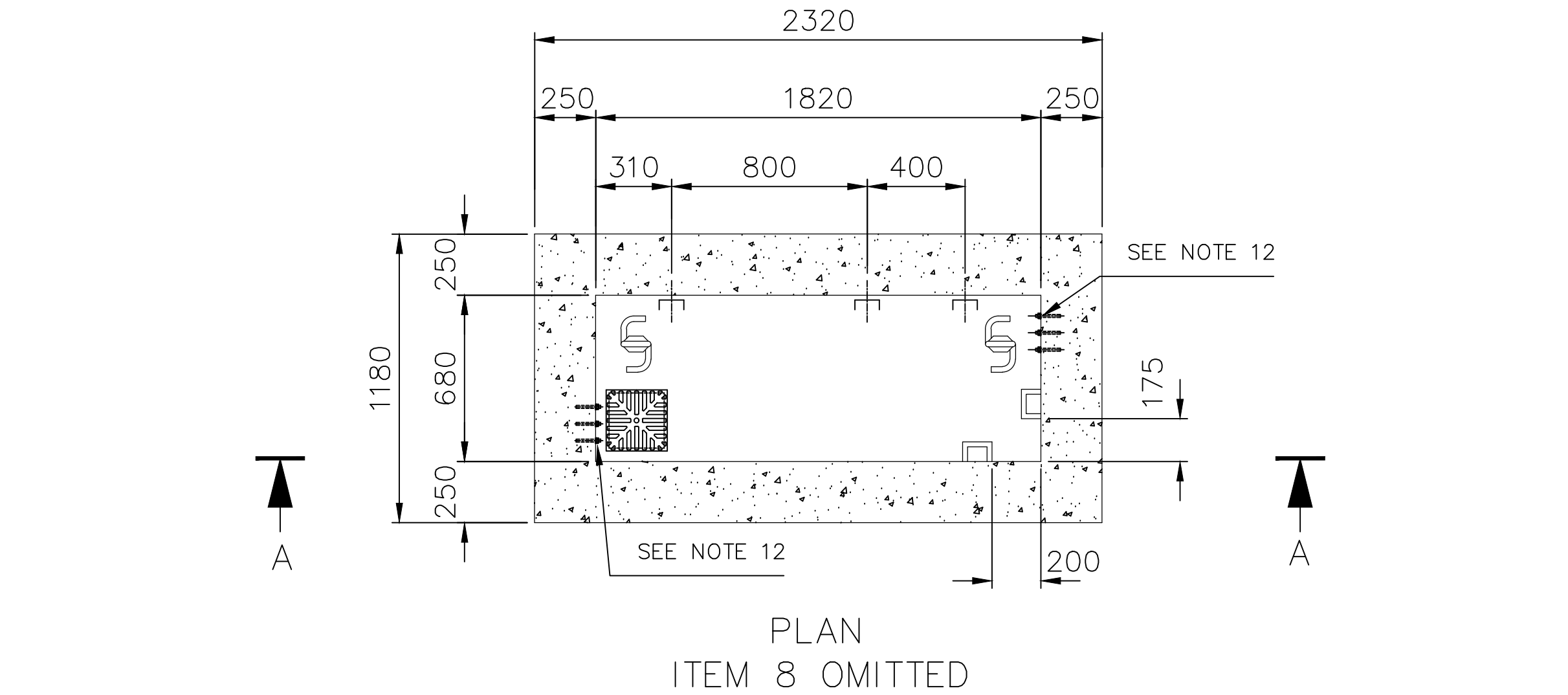


JOINT BOX DEPTH VARIATION			
TYPE	DEPTH	REF DIM.	No. OF DUCTS
A	1050	1465	4
B	1200	1615	4
C	1350	1765	4
D	1500	1915	4

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.	

SCHEDULE						
ITEM	DESCRIPTION	DRAWING	QTY			
			JRCX11A	JRCX11B	JRCX11C	JRCX11D
1	BOLT FOUNDATION INDENTED No.2	CN1166	6	6	6	6
2	CABLE BEARER WALL TYPE No.3	CN1061	3	3	–	–
3	CABLE BEARER WALL TYPE No.5	CN1061	–	–	3	3
4	BRACKET CABLE BEARER No.12	CN1069	3	3	3	3
5	GRATING SUMP No.2A	CN9165	1	1	1	1
6	IRON ANCHOR No.4	CN1162	2	2	2	2
7	STEP MANHOLE No.1	CN1163	3	3	4	4
8	FRAME & COVER CARRIAGEWAY No.3	CN1950 CN13885	1	1	1	1
9	M12 X 100 LG. THROUGH BOLT RAWPLUG ITEM NO. 56–840 OR EQUIV. SEE NOTE 12.	–	6	6	6	6
10	PINS LOCKING	CN1301	3	3	3	3



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.
- DRILL 2 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.
- THIS JOINT BOX HAS BEEN DESIGNED FOR THE GREATER HEIGHT JRCX11D. WHERE JRCX11A, 11B OR 11C ARE TO BE USED SEE SHEET 2 AND 3 FOR VARIATIONS TO REINFORCEMENT.
- 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.
- FOR METHOD OF FIXING ITEM 8 SEE DRAWING CN1961.
- SEE SHEET 02 OF 02 FOR REINFORCEMENT DETAILS AND NOTES.
- 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.

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

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 <u>MUST</u> BE AGREED WITH THE DESIGNER.	MATERIAL -	General Drawing Review Item 10 added to schedule. Note added re minimum duct depths.	J	TOLERANCES TO BS8666 & BS EN1992. CN15456.	JOINT BOX JRCX11A, JRCX11B, JRCX11C AND JRCX11D		REFERENCES SEE NOTES D1000 BS8500, BS EN206 CN15562
	CERTIFICATION DESIGNER K.G.STANLEY								
	CLIENT N/A								
DATE 06/09/88				BT	T&S Design 12.07.19				
				AMENDMENT	ISSUE	Openreach	ALA944	CN 14159	SHT 01 OF 03

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