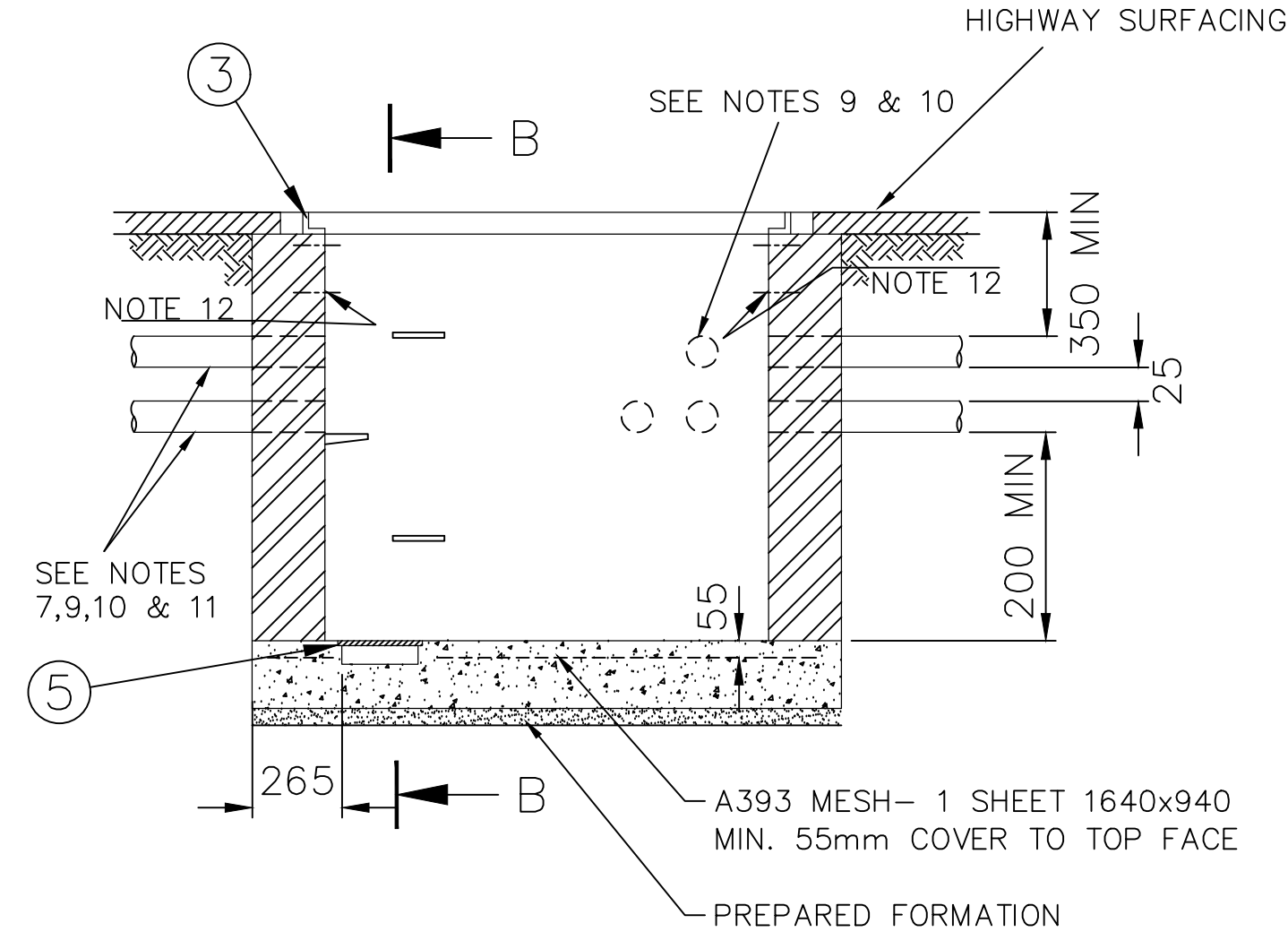


PLAN



SECTION A-A

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

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	+5mm
STRUCTURE INTERNAL LENGTH & WIDTH	±25mm
STRUCTURE INTERNAL HEIGHT	±15mm
VERTICALITY OF WALLS	±15mm
SLAB THICKNESS	–10 TO +150mm
BOLT FOUNDATION	±5mm

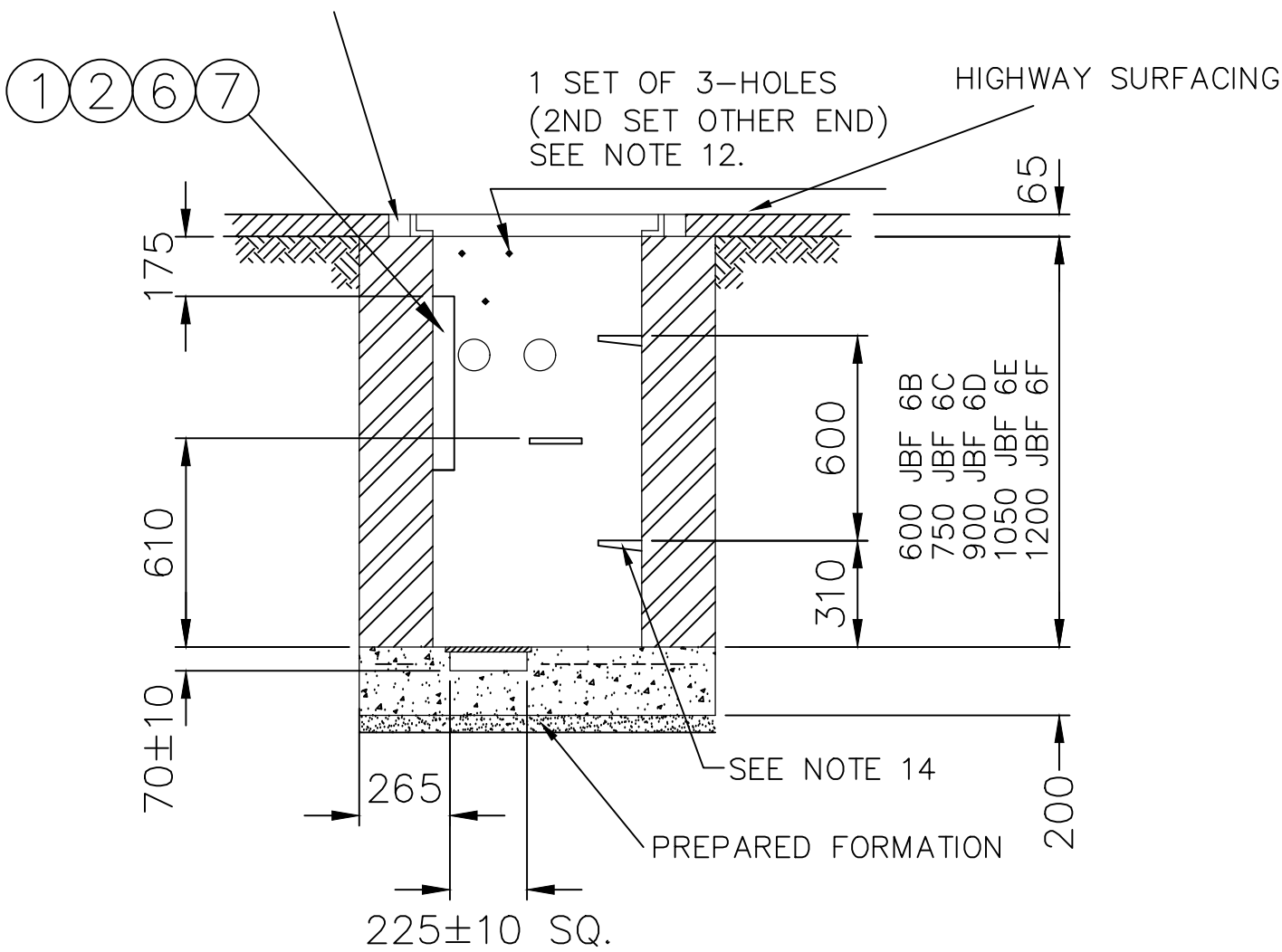
DUCT DEPTHS OF COVER – (DoC)

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.

CONSTRUCT CONCRETE, MIN C35/45  
SURROUND AS REQUIRED,  
100mm MIN FOR UNPAVED  
SURFACE, DEPTH OF FRAME



SECTION B-B

SCHEDULE							
ITEM	DESCRIPTION	No. OFF					
		DRG	6B	6C	6D	6E	6F
1	BOLTS, FOUNDATION, INDENTED No.2	CN1166	4	4	4	4	4
2	CABLE BEARERS, WALL TYPE, No.2	CN1059	2	—	—	—	—
	CABLE BEARERS, WALL TYPE, No.3	CN1059	—	2	2	2	2
3	FRAME & COVER FOOTWAY OR DRIVEWAY No.6C.	CN1914	1	1	1	1	1
4	STEPS, MANHOLE No1	CN1961	—	2	2	3	3
5	GRATING, SUMP, No.2	CN9165	1	1	1	1	1
6	PIN LOCKING CABLE BEARER	CN1301	2	2	2	2	2
7	BRACKET CABLE BEARER No.8	CN1069	2	2	2	2	2

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 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.
- IF OTIAN MOBRA BRACKET IS TO BE FITTED, LEAVE OUT WALL TYPE BEARERS AND STEPS. BOLTS FOUNDATION FOR WALL TYPE BEARERS SHOULD BE FITTED.
- 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 3 SEE DRAWING CN1961.
- 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.
- 1No. LAYER A393 FABRIC MESH REINFORCEMENT IN TOP OF THE SLAB MINIMUM COVER 55mm TO ANY CONCRETE FACE. PROPRIETARY SPACERS TO BE USED AS REQUIRED.
- MESH TO BE GRADE B500B OR B500C CONFORMING TO BS4483.
- 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.