

REINFORCEMENT DETAIL FOR BOX STRUCTURE			
BAR MKD	SHAPE	0 to 0.50m Fill	
		BAR DIA	SPACING/Nos.
01		10	300 C/C
02		10	300 C/C
03		NOT IN USED	
04		10	150 C/C
05		10	150 C/C
06		10	150 C/C
07		NOT IN USED	
08		10	300 C/C
09		10	300 C/C
10		10	300 C/C
11		10	300 C/C
12		10	300 C/C
13		10	300 C/C
14		10	16 Nos.
15		10	150 C/C
15a		10	150 C/C
16		12	150 C/C
16a		10	150 C/C
16b		12	150 C/C
16c		10	150 C/C
17		10	150 C/C
18		12	150 C/C
19		10	150 C/C
20		16	150 C/C
21		12	4 Nos.
22		12	4 Nos.

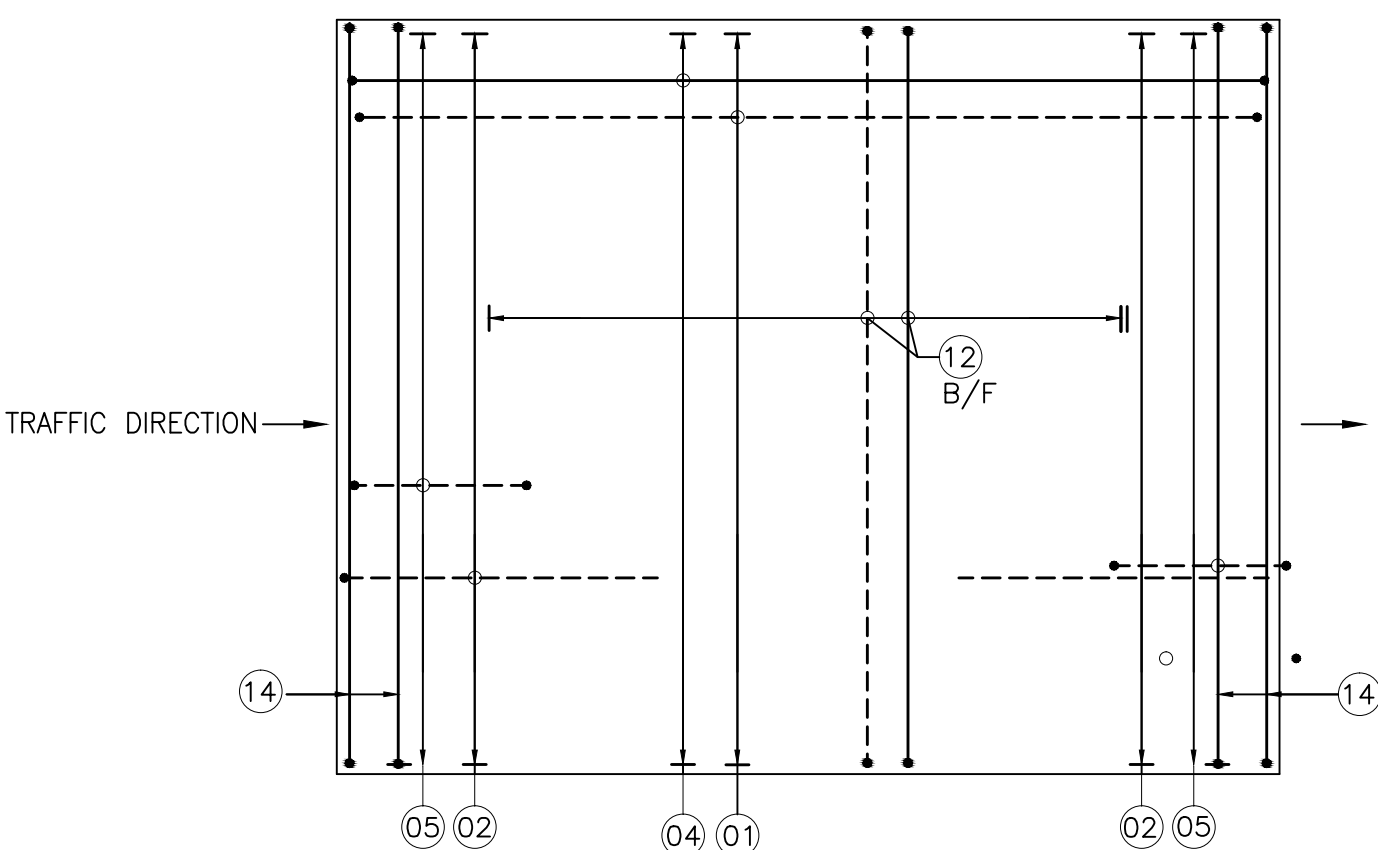
REINFORCEMENT DETAILS OF RCC BOX
(AT ENDS)

NOTES:

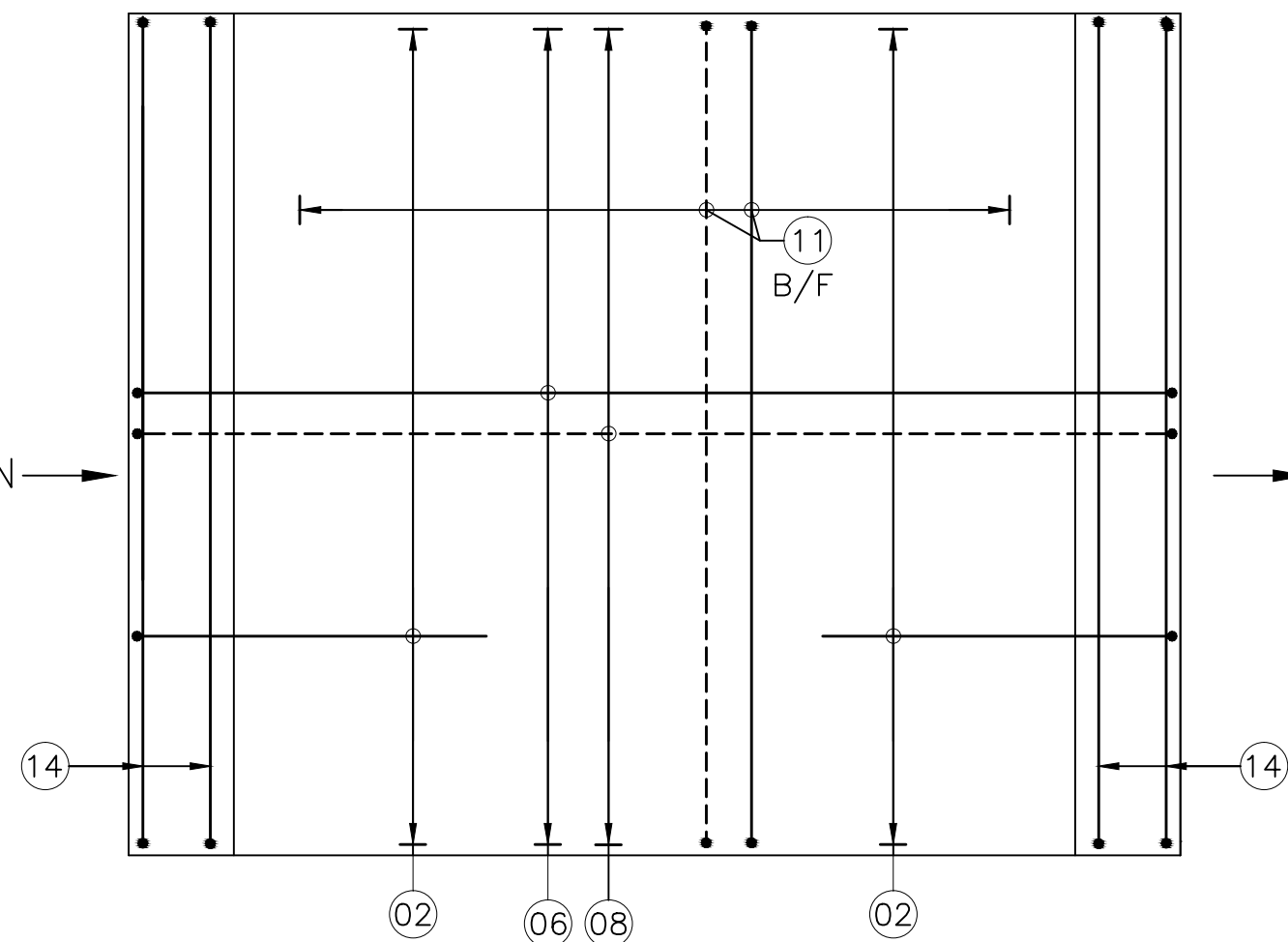
- ALL DIMENSIONS ARE IN mm AND LEVELS IN METERS, UNLESS OTHERWISE MENTIONED.
- ONLY WRITTEN DIMENSION SHALL BE FOLLOWED
- CLEAR COVER SHALL BE AS FLOW:
75mm. NEAR EARTH FACE & 40mm. IN OTHER FACE
- ALL LAPS SHALL BE SUITABLY STAGGERED AND MINIMUM c/c DISTANCE BETWEEN TWO THE ADJACENT LAPS SHALL BE 1.30 TIMES LAP LENGTH. NOT MORE THAN 50% OF REINFORCEMENT SHALL BE LAPPED AT ANY LOCATION.
- SOIL DENSITY ON THE BACKFILL SHOULD CONFORM TO CLAUSE 305.2.1.5 OF MOST SPECIFICATION.
- SOFT AND LOOSE PATCHES IN THE BEARING AREA ARE TO BE REPLACED BY COMPACTED GRANULAR FILLS WITH LAYERS NOT EXCEEDING 300mm.
- GRADE OF CONCRETE FOR RCC BOX SHALL BE M30.
- REINFORCEMENT STEEL SHALL BE OF THERMO MECHANICALLY TREATED (TMT) BARS.(GRADE DESIGNATION Fe500) CONFORMING TO IS:1786.

SPECIAL NOTE:-

2.SPECIALLY QUALIFIED ENGINEERS WITH ADEQUATE EXPERIENCE OF BRIDGE ENGINEERING CAPABLE,OF ENSURING CAREFUL EXECUTION OF WORK, SHALL BE DEPLOYED BY CONSTRUCTION AGENCY .



BOTTOM SLAB REINFORCEMENT PLAN
(NOT TO SCALE)



TOP SLAB REINFORCEMENT PLAN
(NOT TO SCALE)