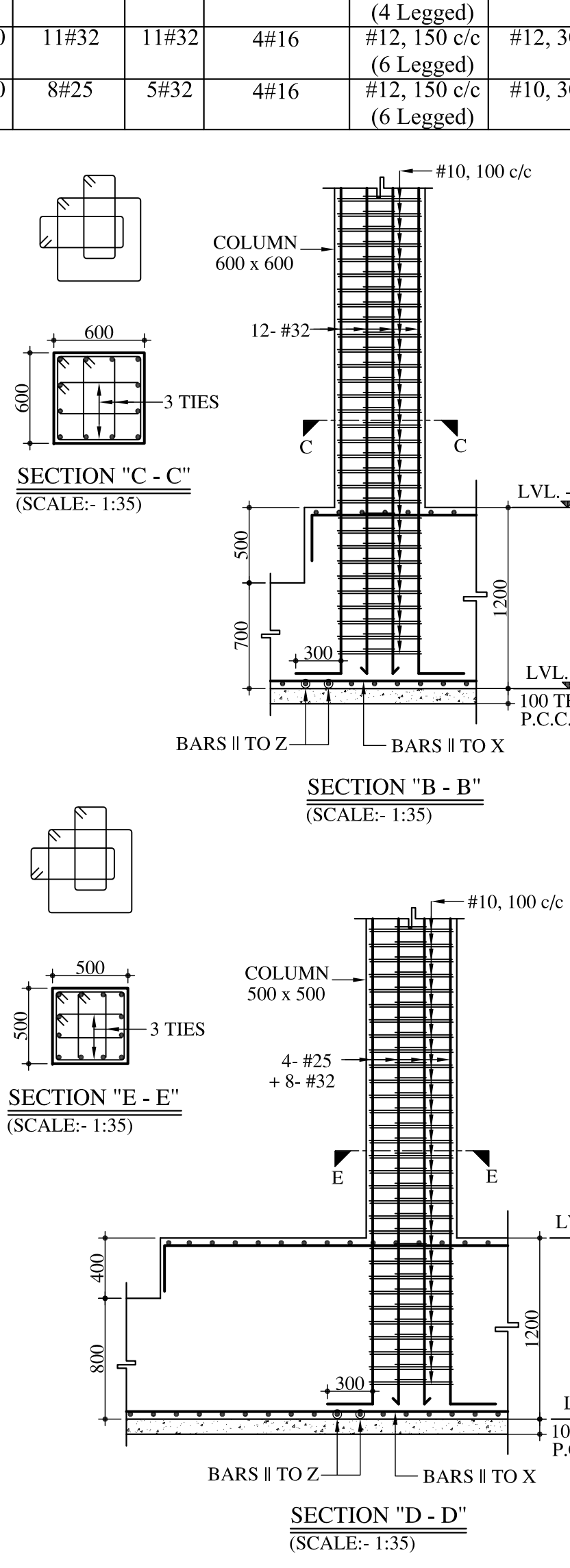
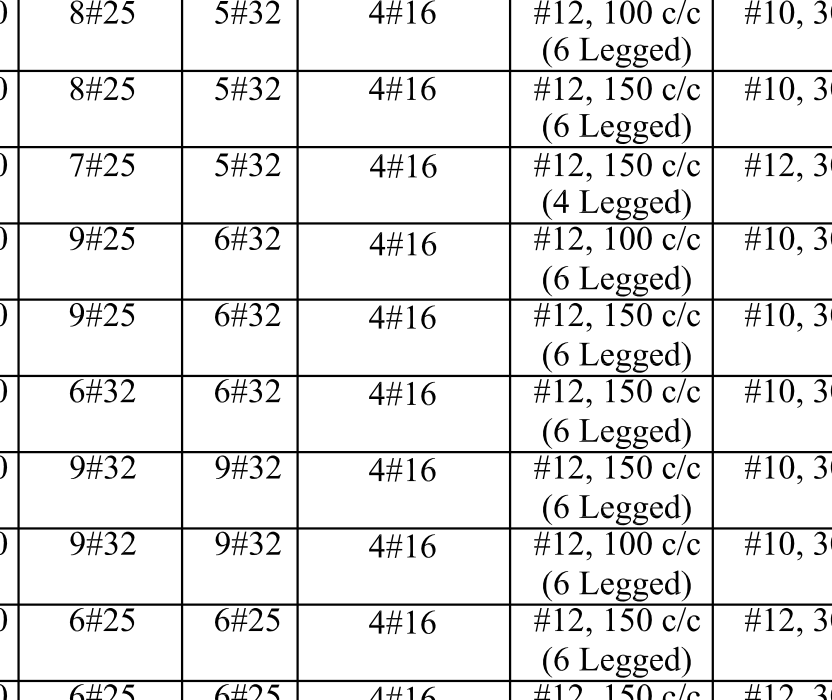
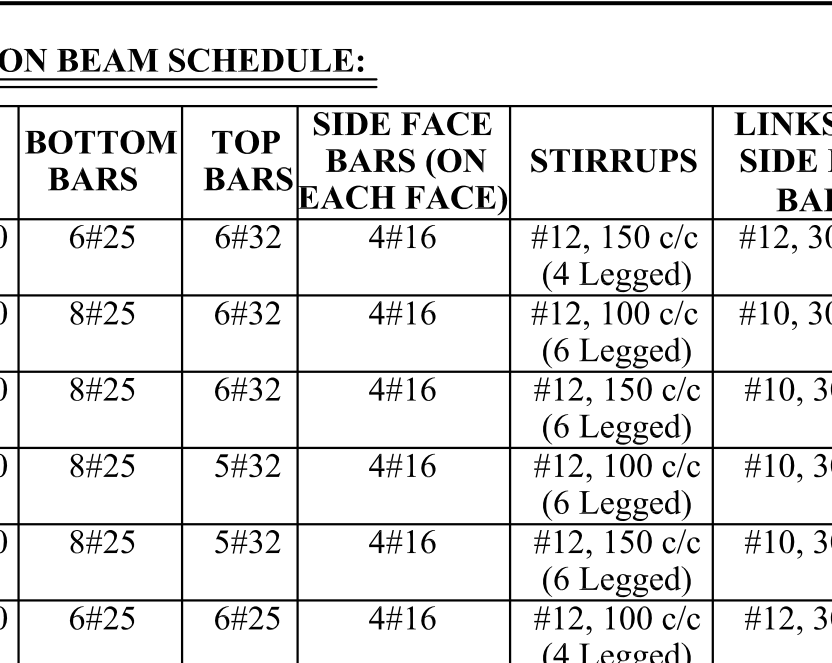
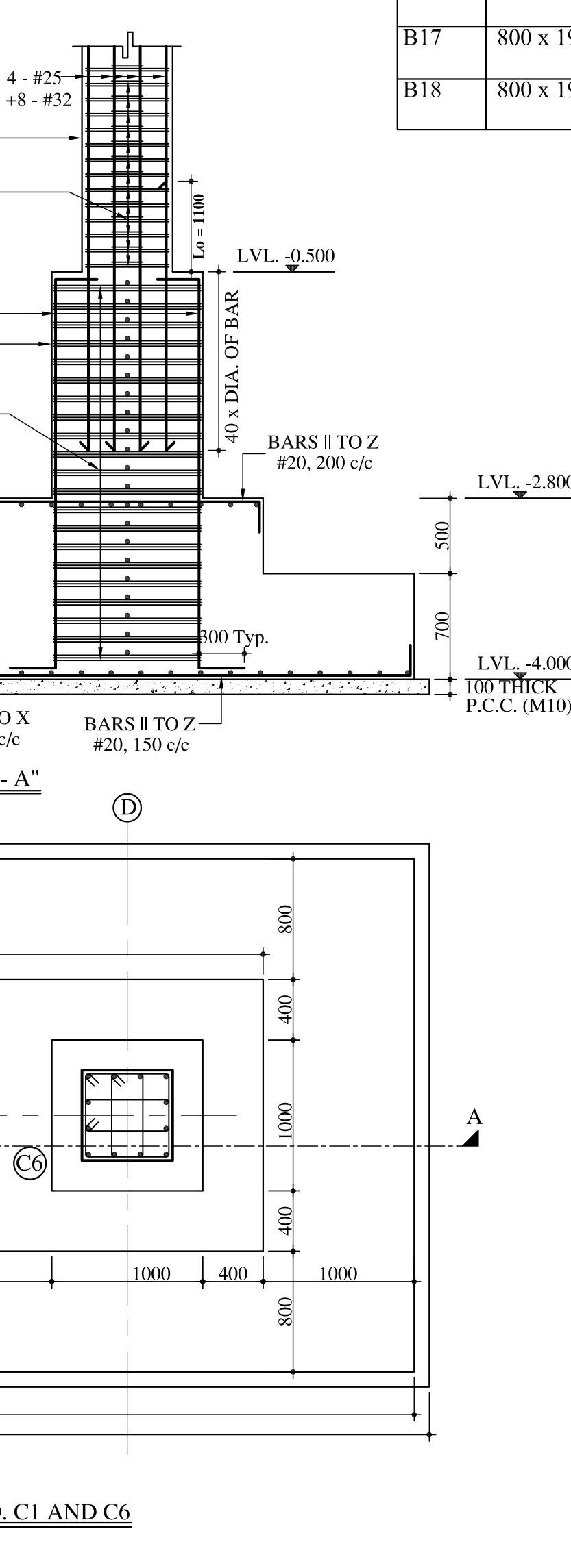
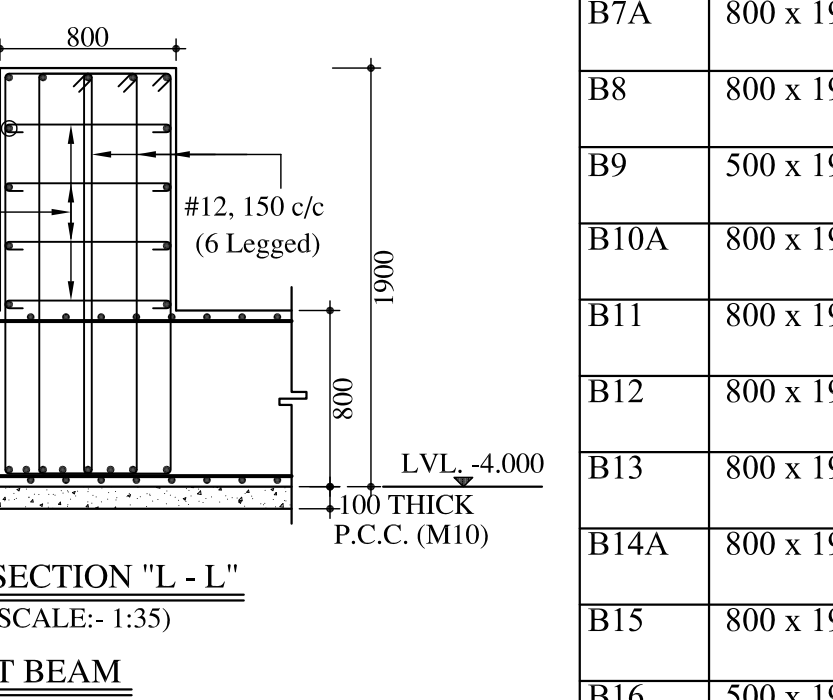
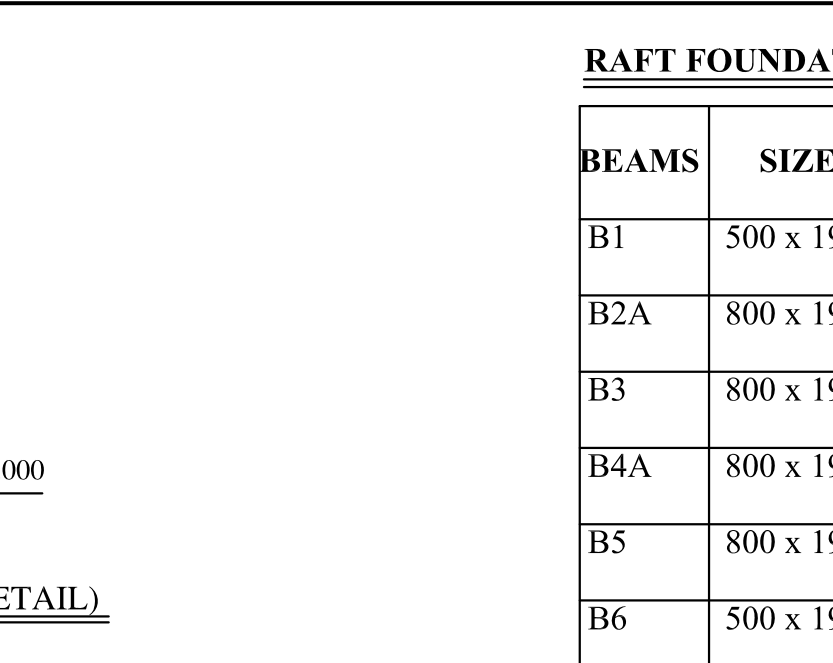
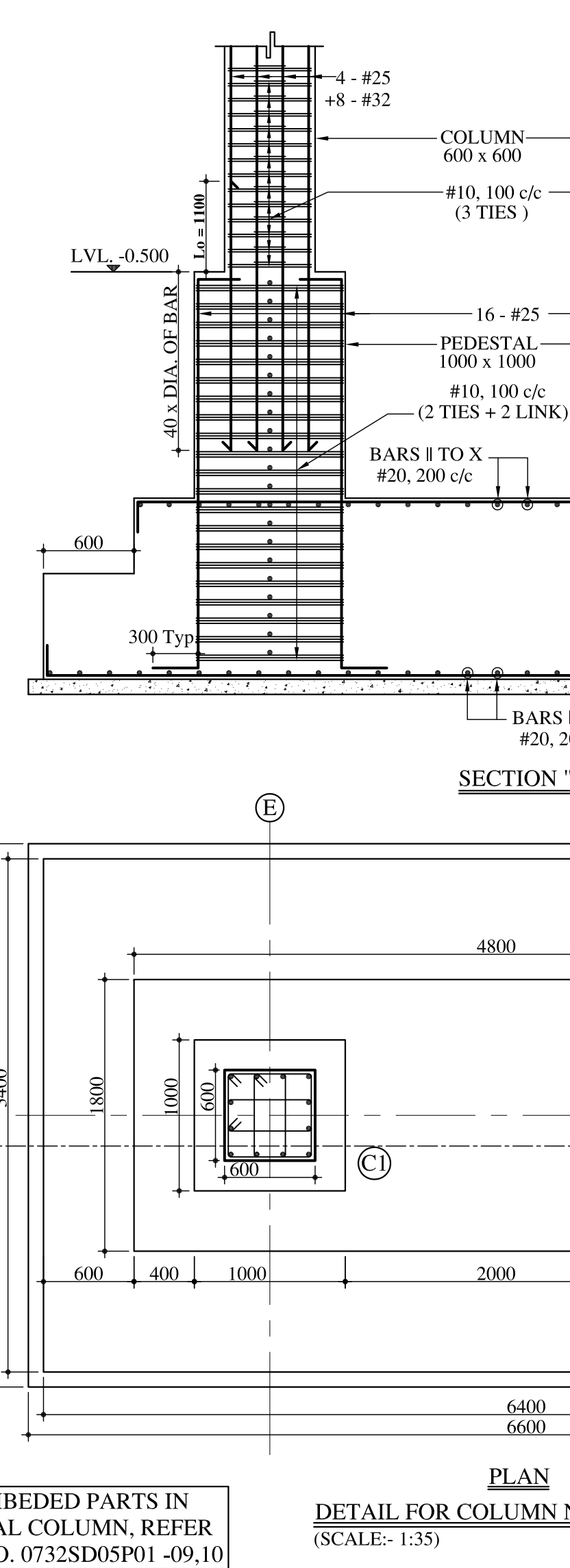
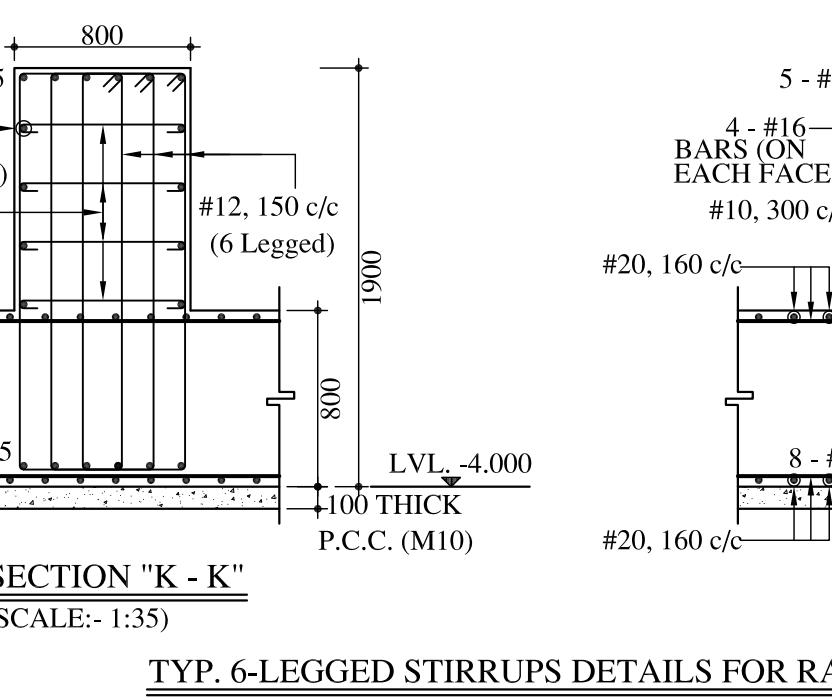
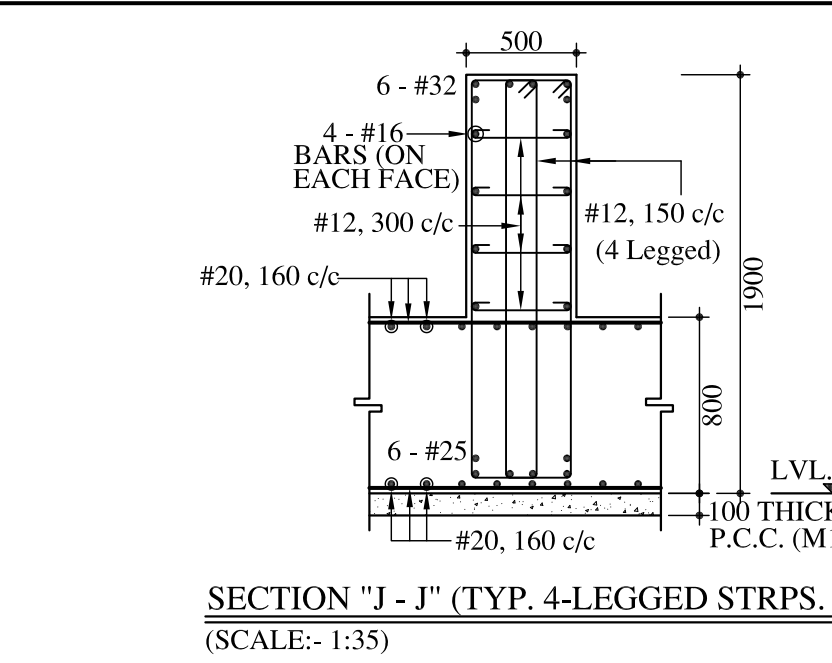
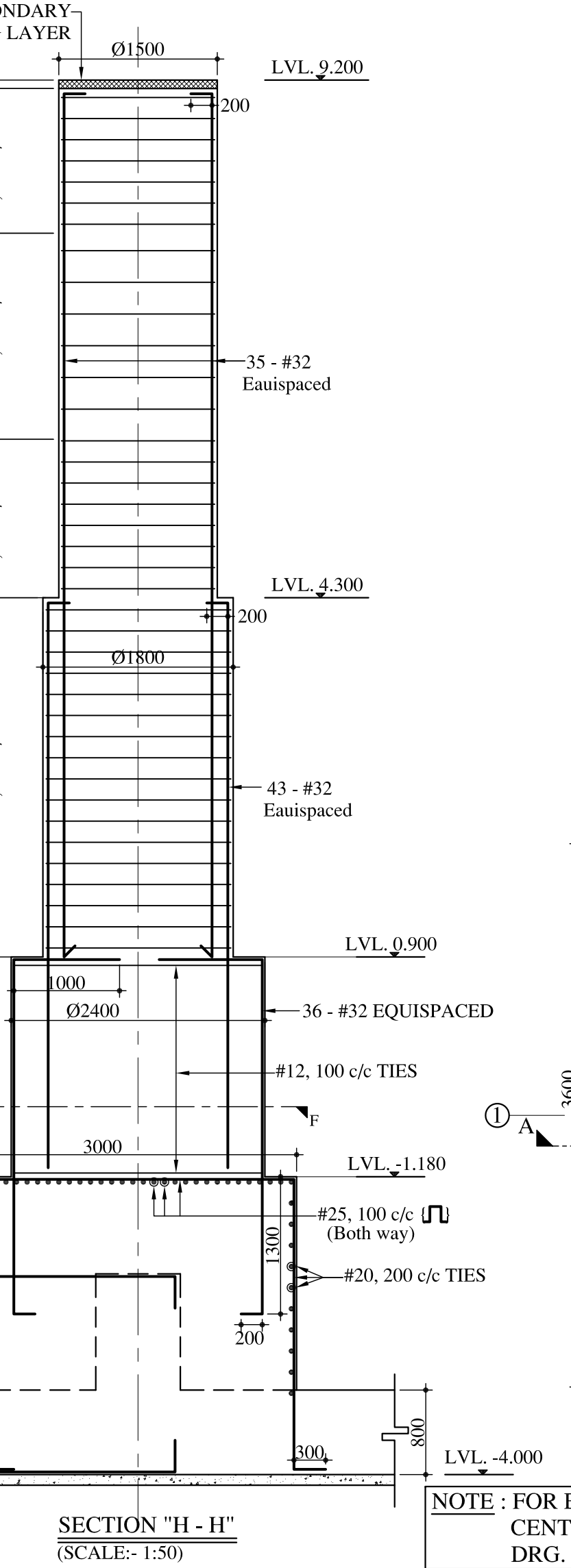
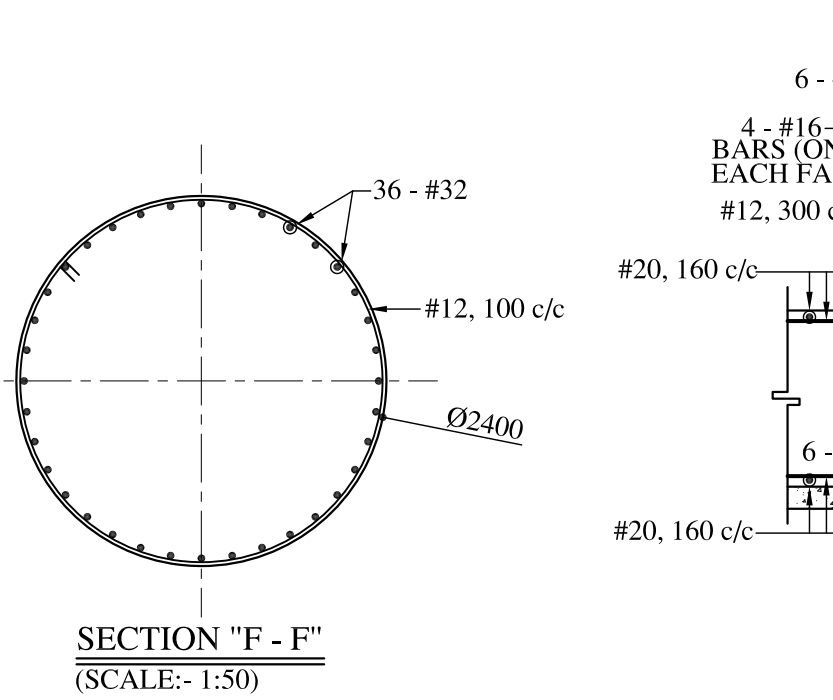
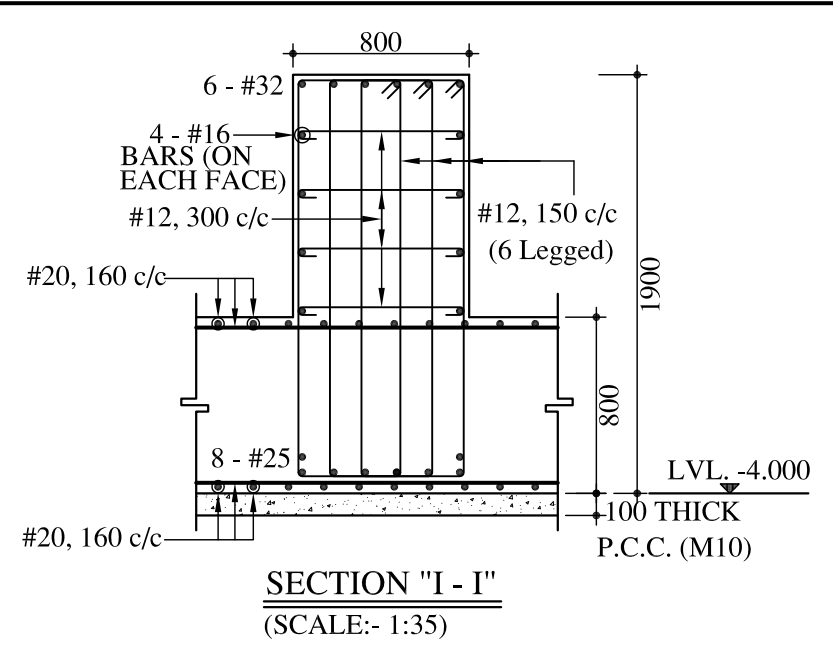
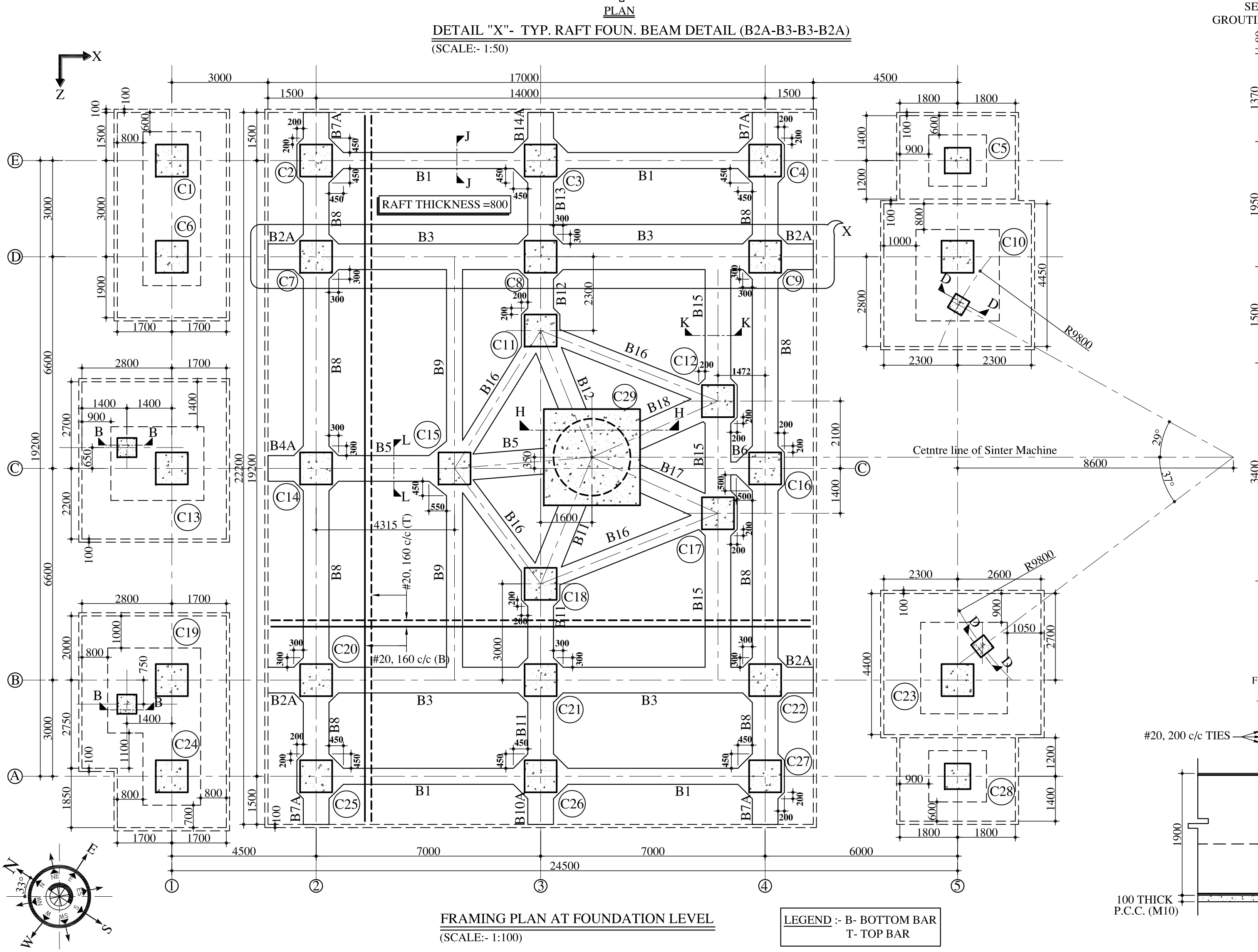
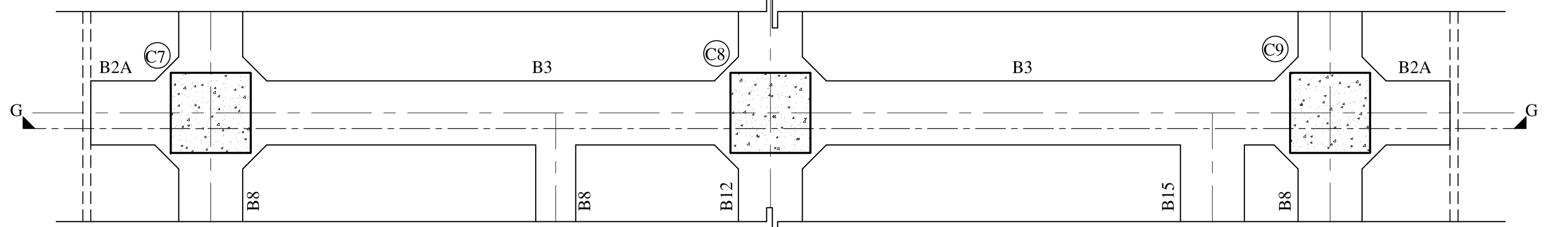
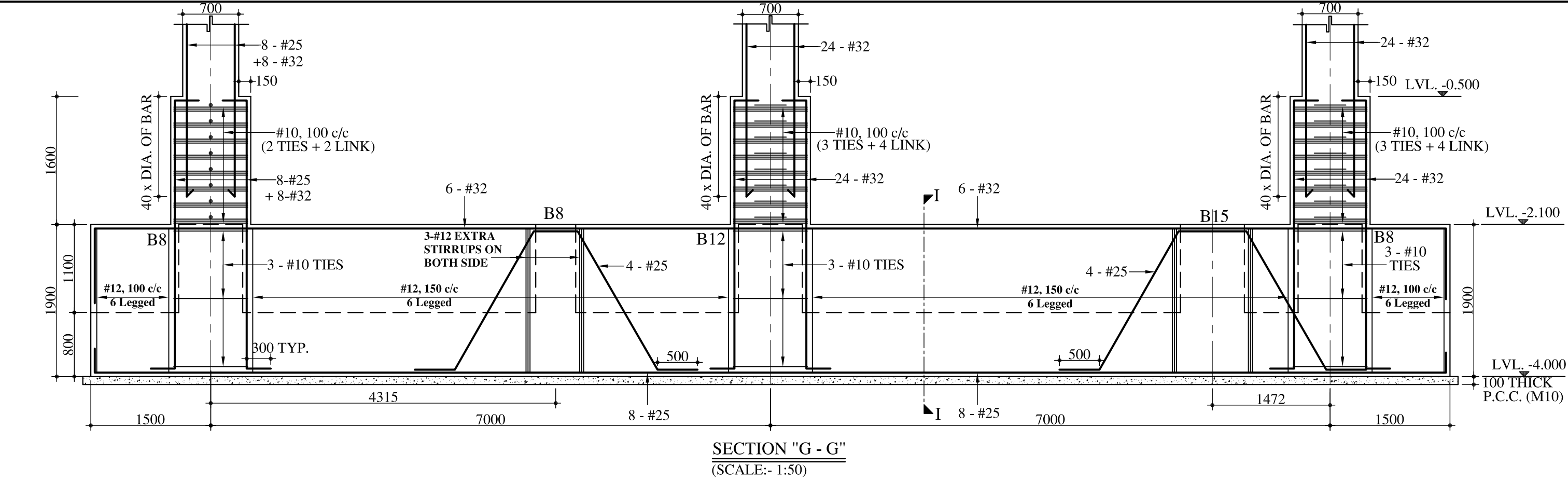




RAFT FOUNDATION BEAM SCHEDULE:

BEAMS	SIZE	BOTTOM BARS	TOP BARS	SIDE FACE BARS (ON EACH FACE)	STIRRUPS	LINKS FOR SIDE FACE BARS
B1	500 x 1900	6#25	6#32	4#16	#12, 150 c/c (4 Legged)	#12, 300 c/c
B2A	800 x 1900	8#25	6#32	4#16	#12, 100 c/c (6 Legged)	#10, 300 c/c
B3	800 x 1900	8#25	6#32	4#16	#12, 150 c/c (6 Legged)	#10, 300 c/c
B4A	800 x 1900	8#25	5#32	4#16	#12, 100 c/c (6 Legged)	#10, 300 c/c
B5	800 x 1900	8#25	5#32	4#16	#12, 150 c/c (6 Legged)	#10, 300 c/c
B6	500 x 1900	6#25	6#25	4#16	#12, 100 c/c (4 Legged)	#12, 300 c/c
B7A	800 x 1900	8#25	5#32	4#16	#12, 100 c/c (6 Legged)	#10, 300 c/c
B8	800 x 1900	8#25	5#32	4#16	#12, 100 c/c (6 Legged)	#10, 300 c/c
B9	500 x 1900	7#25	5#32	4#16	#12, 150 c/c (4 Legged)	#12, 300 c/c
B10A	800 x 1900	9#25	6#32	4#16	#12, 100 c/c (6 Legged)	#10, 300 c/c
B11	800 x 1900	9#25	6#32	4#16	#12, 150 c/c (6 Legged)	#10, 300 c/c
B12	800 x 1900	6#32	6#32	4#16	#12, 150 c/c (6 Legged)	#10, 300 c/c
B13	800 x 1900	9#32	9#32	4#16	#12, 150 c/c (6 Legged)	#10, 300 c/c
B14A	800 x 1900	9#32	9#32	4#16	#12, 100 c/c (6 Legged)	#10, 300 c/c
B15	800 x 1900	6#25	6#25	4#16	#12, 150 c/c (6 Legged)	#12, 300 c/c
B16	500 x 1900	6#25	6#25	4#16	#12, 150 c/c (4 Legged)	#12, 300 c/c
B17	800 x 1900	11#32	11#32	4#16	#12, 150 c/c (6 Legged)	#12, 300 c/c
B18	800 x 1900	8#25	5#32	4#16	#12, 150 c/c (6 Legged)	#10, 300 c/c

- NOTES:-
- 1) ALL DIMENSIONS ARE IN mm & LEVELS ARE IN m.
 - 2) RELATIVE ELEVATION OF ± 0.0 IS EQUAL TO ELEVATION OF 34.80 m ABOVE SEA LEVEL.
 - 3) CONCRETE MIX M30, CONFORMING TO IS:456-2000, SHALL BE USED UNLESS SPECIFIED OTHERWISE.
 - 4) CLEAR COVER TO REINFORCEMENT IN,
A) FOOTINGS & RAFT SLAB = 50
B) PEDESTAL = 40
C) BEAM = 25
D) FLOOR SLAB = 15
SHALL BE PROVIDED.
 - 5) CONCRETE SHALL BE MACHINE MIXED, MACHINE VIBRATED AND SHALL BE CONSTANTLY WET FOR SEVEN DAYS AFTER DATE OF PLACING.
 - 6) FOR CONCRETING OF ANY COMPONENT, FREE FALLING HEIGHT FOR CONCRETE SHALL NOT BE MORE THAN 1.5 m.
 - 7) # INDICATES HIGH YIELD STRENGTH DEFORMED BARS, TMT Fe415, CONFORMING TO IS:1786-1985 OR EQUIVALENT.
 - 8) CS MORTAR 1:6 SHALL BE USED FOR ALL MASONRY WORK.
 - 9) DIMENSIONS ARE TO BE READ AND NOT MEASURED.
 - 10) NET S.B.C. AT FOUNDATION STRATA OF -4.00 LVL. HAS BEEN CONSIDERED AS 250 kN/m² AS PER THE SOIL INVESTIGATION REPORT PROVIDED BY ISL.
 - 11) IF REQUIRED STRATA IS NOT MET WITH AT -4.00 LVL. OVER EXCAVATION SHALL BE FILLED BY M15 GRADE CONCRETE TO DESIGN ELEVATION.
 - 12) ALL STRUCTURAL STEEL ROLLED SECTIONS AND PLATES SHALL CONFORM TO IS : 226 - 1975 AND IS : 2062 - 1984
 - 13) WELDING SHALL CONFORM TO IS : 816 - 1969
 - 14) ALL ELECTRODES SHALL CONFORM TO IS : 814 (PART - I) - 1974
 - 15) ALL M.S. FITTED BOLTS AND NUTS SHALL CONFORM TO IS : 3694 - 1982
 - 16) WASHERS SHALL CONFORM TO IS : 5369 - 1975, IS : 5370 - 1969, IS : 5372 - 1975 OR IS : 5374 - 1975
 - 17) ALL WELDING SHALL BE FILLET WELD OF SIZE SPECIFIED AND WELDING TO BE DONE ALL AROUND THE SECTION.
 - 18) REFER 0732SD05J01 SERIES DRAWINGS ALONG WITH THIS DRAWING.
 - 19) FOR DETAILS OF PRE-EMBEDDED ELEMENTS, REFER DRG. NO.0732SD05P01-14-59
 - 20) ANY DISCREPANCY SHALL BE BROUGHT TO THE NOTICE OF THE ENGINEER IN CHARGE, BEFORE FURTHER PROGRESS OF THE WORK.
 - 21) REFER DRG. NO.653.SMB.1B ALONG WITH THIS DRAWING.

REV. NO.	REV. DATE	REVISIONS DETAILS	APPD. BY

NAME	SIGN	DATE

PRINCIPAL CLIENT :-

ARCHITECT:-

PROJECT TITLE:-

DRG. NO.

DRAWING TITLE:-
R. C. DETAILS FOR RAFT FOUNDATION

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