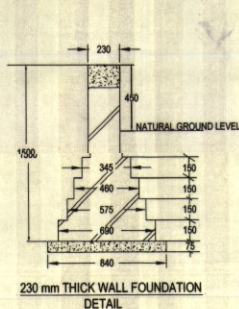
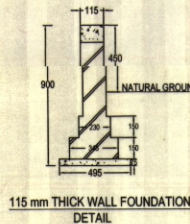


RCC COLUMN DETAIL

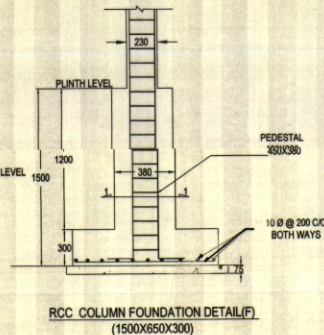
RCC COLUMN DETAIL



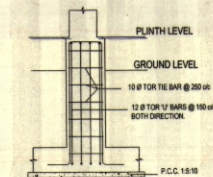
230 mm THICK WALL FOUNDATION
DETAIL



115 mm THICK WALL FOUNDATION DETAIL



RCC COLUMN FOUNDATION DETAIL(F
(1500X650X300)



TYPICAL DETAIL OF PEDESTAL

1. FOR GENERAL ARRANGEMENT SEE PLAN N.R./S. PLAN NO. 10/09/10-13.
ALL DIMENSIONS ARE IN MILLIMETER.

2. MAXIMUM PRESSURE SHALL BE 15 N/CM² THE D.E.A. SHALL BE 1500 N/CM² IN CASE SOIL AT SITE IS NOT SAFE FOR THE ASSUMED SOIL PRESSURE. THE FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ADVISE TO HEAD QUARTER OFFICE.

3. 230 MM THICK BRICK WORK SHALL BE IN CEMENT MORTAR (1:6).
115 MM THICK BRICK WORK SHALL BE IN CEMENT MORTAR (1:4).

4. PLINTH LEVEL IS KEPT 450 ABOVE NATURAL GROUND LEVEL AND IT SHOULD BE SUFFICIENTLY FIRM TO SUPPORT THE 150 MM FROM CENTER OF ROAD.

5. LINTEL BEAM & LINTEL BEAM TO BE PROVIDED TO ALL THE WALLS AS PER DETAILS.

6. 75% OF PLINTH BEAM SHALL BE IN LINE WITH TOP OF FLOOR FINISH.

7. BOTTOM OF LINTEL BEAM SHALL BE KEPT AT 2100 FROM FLOOR FINISH.

8. ALL RCC WORK SHALL BE IN NOMINAL MIX CONCRETE M20 AS PER SPECIFICATIONS OF BUREAU OF PUBLIC WORKS.

9. ALL CONCRETE SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS Laid DOWN IN IS-456-2000.

10. ALL SURFACES OF CONCRETE TO ACQUIRE HARDNESS, STRENGTH AND OTHER PROPERTIES ESSENTIAL FOR SATISFACTORY SERVICE SHALL BE ENSURED.

11. ALL CONCRETE SHALL BE CURRED PROPERLY.

12. COVER TO REINFORCEMENT SHALL NOT WHERE BE LESS THAN THAT SHOWN ON DRAWING.

13. HIGH YIELD STRENGTH COIL TWISTED DEFORMED BARS SHALL CONFORM TO IS-1786-1985.

14. PARTICULAR CARE MUST BE TAKEN TO ENSURE THAT
(a) NO SLAG OCCURS IN THE REINFORCING BARS DURING CONSTRUCTION.
(b) REINFORCING BARS EXTENDING ARE NOT OF THE MAIN REINFORCING BARS.

15. SPLIT PLICE WHERE BARS OBTAINED ARE OF SHORTER LENGTH SHALL NOT BE LESS THAN 60 TIMES THE DIAMETER OF SUCH BARS.

16. SPLIT PLICE SHALL NOT BE GIVEN AT SUPPORTS OR AT CENTER OF SPAN THESE

ALL CONCRETE MIX SHALL BE M-20
CONFORMING TO IS 456-2000

CLEAR COVER TO BE AS FOLLOWS:-

- | | |
|-------------------|---|
| 1. FOR FOUNDATION | 50 MINIMUM OR TWICE DIA OF BAR WHICHEVER IS MORE. |
| 2. FOR COLUMN | 40 MINIMUM OR TWICE DIA OF BAR WHICHEVER IS MORE. |
| 2. FOR PLINTH | 25 MINIMUM OR TWICE DIA OF BAR WHICHEVER IS MORE. |

(R.P. SINGH)
DY. CE / P.D
20/12/13
(MADANJIT SINGH)

NORTHERN RAILWAY

STANDARD TYPE PLAN
FOR SIGNAL EQUIPMENT FOR 3/4
LINE CENTRAL PI STATION

WALL FOUNDATION, RCC COLUMN FOUNDATION
& PLINTH BEAM DETAILED

RAWN	 (S.K. SINGH)	
E/DSN	 (BIBHA CHANDRA)	

SCALE : 1:100, 1:50 & 1:20

H.R. CASE NO.

[illegible]

PRESENTATION

N.R.DIVL. PLAN NO. **D.O.E./STD-1/2009**

ES	
	NDH05 PLAN NO

40 / 09 / 10 13

SHEET NO. 2