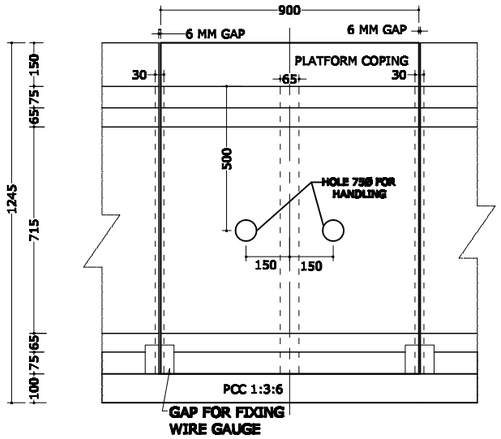
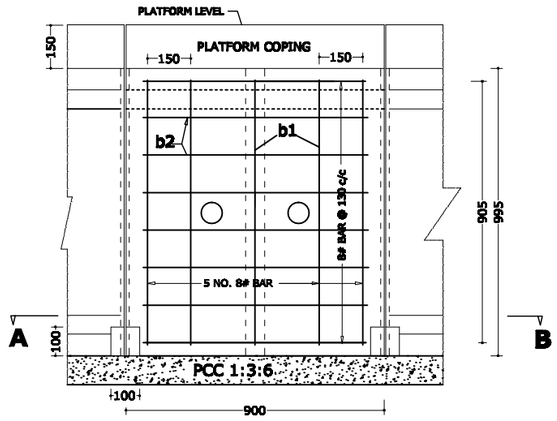
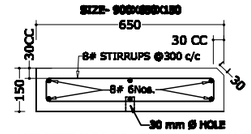


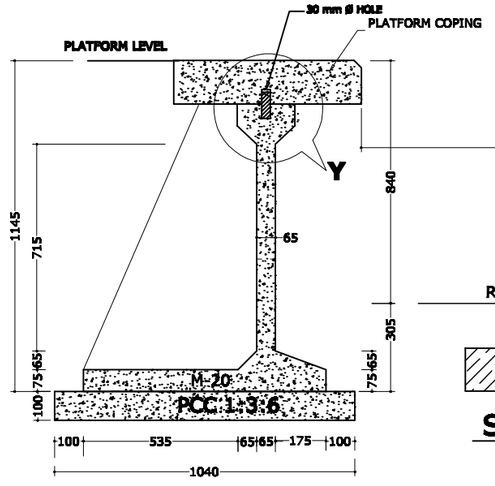
FRONT ELEVATION (PLATFORM WALL)

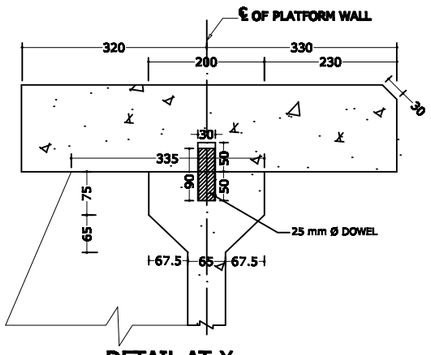


ELEVATIONAL SECTION AT X-X [PLATFORM WALL]

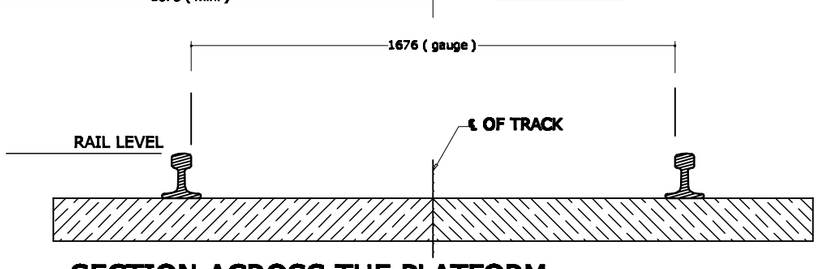


SECTIONAL DETAIL OF PLATFORM COPING

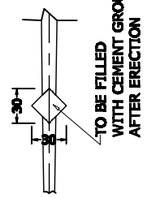




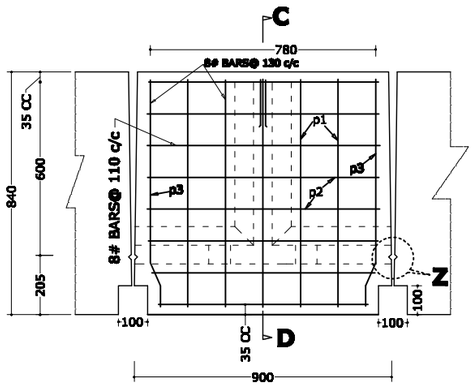
DETAIL AT-Y



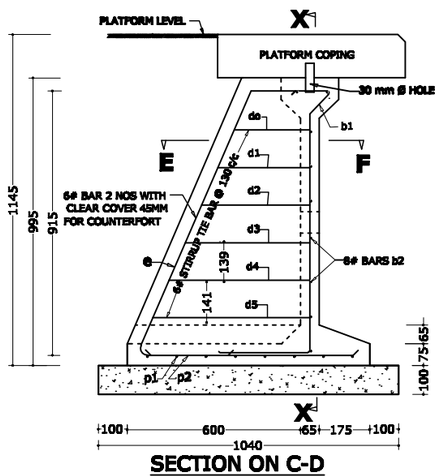
SECTION ACROSS THE PLATFORM



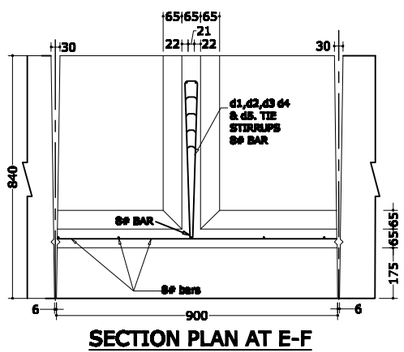
DETAIL AT-Z



SECTIONAL PLAN AT A-B



SECTION ON C-D



SECTION PLAN AT E-F

NOTE:-

1. ALL DIMENSIONS ARE IN MM.
2. SPACING OF REINFORCEMENT ARE WITH REFERANCE TO THE CENTRE LINE OF THE BARS.
3. GRADE OF CONCRETE SHALL M-25 UNLESS OTHERWISE MENTIONED CONFIRMING TO IS:456-2000.
4. MINIMUM CLEAR COVER (CC) WILL BE 45 MM EXCEPT AS SHOWN.
5. DRAWING IS BASED ON R.D.S.O. DRAWING NO. MA-10870
6. DESIGNED FOUNDATION PRESSURE COMES OUT 9 t/m2.
7. THE EARTH FILLING IN THE PLATFORM SHOULD BE WATERED AND RAMMED OR ROLLED IN 300 MM THICK LAYERS.
8. DRY BRICK BATS FILLING TO BE PROVIDED BEHIND THE WALL IN WIDTH OF 500 MM.
9. EXPANSION JOINT OF 25 MM SHOULD BE PROVIDED AT DISTANCE OF 45 M. C/C.
10. HYSD BARS CONFORMING TO IS:1786.
11. THE PLATFORM COPING SHALL BE PLACED AFTER INSERTING 25 MM DOWEL OF SIZE 90 MM IN THE PRECAST PLATFORM WALL.

SCHEDULE OF REINFORCEMENT OF PER UNIT OF PLATFORM WALL RCC PRECAST PANEL OF LENGTH 900 MM

MARK	DESCRIPTION	NO.	Ø OF BAR	LENGTH IN MM	TOTAL LENGTH IN M.M.
b1	120, 65°, 136°, 100, 835, 300	5	8	1355	6775
b2	775	8	8	775	6200

SCHEDULE OF REINFORCEMENT OF SECTIONAL PLAN AT A-B

MARK	DESCRIPTION	NO.	Ø OF BAR	LENGTH IN MM	TOTAL LENGTH IN M.M.
p1	770	5	8	770	3850
p2	830	8	8	830	6640
p3	65, 87°, 625, 35	2	8	777	1554

SCHEDULE OF REINFORCEMENT OF SECTION ON C-D

MARK	DESCRIPTION	NO.	Ø OF BAR	LENGTH IN MM	TOTAL LENGTH IN M.M.
e	270, 114°, 980, 69°, 300	2	6	1355	2710
d0	39, varies	1	6	674	674
d1		1	6	786	786
d2		1	6	900	900
d3		1	6	1012	1012
d4		1	6	1125	1125
d5		1	6	1238	1238

SCHEDULE OF REINFORCEMENT OF PLATFORM COPING

MARK	DESCRIPTION	NO.	Ø OF BAR	LENGTH IN MM	TOTAL LENGTH IN M.M.
pc1	830	6	8	830	4980
pc2	590, 90	3	8	1490	4470

C.P.D.E.	
DY.C.E.(P&D)	
XEN./DESIGN	
AXEN./PL.	
DESIGNATION	SIGNATURE

C E'S PLAN NO. GML1-2014 Z- 903003

NORTH EASTERN RAILWAY

HEADQUARTERS OFFICE

TYPE PLAN

GENERAL ARRANGEMENT & STRUCTURAL DRAWING FOR RCC HIGH LEVEL PLATFORM WALL.

SCALE	NOT TO SCALE
CE'S CASE NO .	W/22/BLDG/TYPE PLAN/DESIGN

SUNIL KR. SRIVASTAV	M.N. PRAJAPATI	MAHENDRA NATH	SANJAI KR. SRIVASTAV	NAND KISHORE PATHAK
J.E./1/DRG. PREPARED BY	S.S.E./DRG./BLDG.	S.S.E./DRG./INCH.	S.S.E./DESIGN.	S.S.E./DESIGN