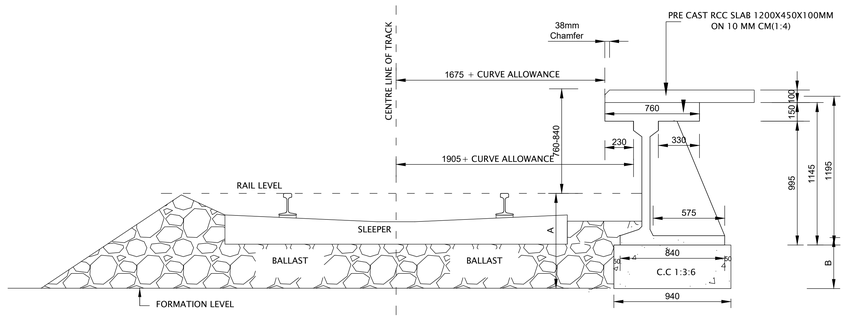
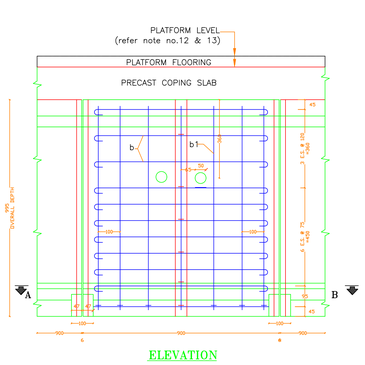


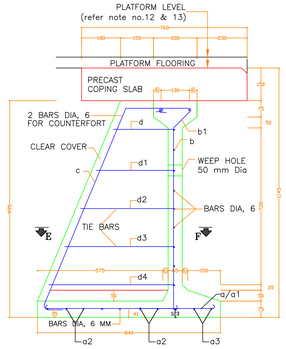
DETAILS OF 'A' & 'B'

TYPE OF SLEEPER	A	B
WIDER BASE	762	350
CONVENTIONAL	738	325

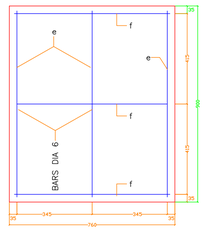
SECTION ACROSS THE PRE-CAST RCC COUNTERFORT PASSENGER PLATFORM WALL
SCALE 1:20



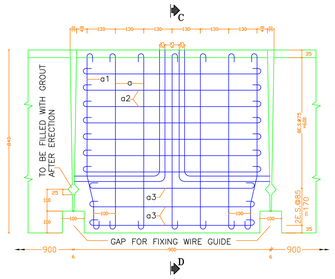
ELEVATION



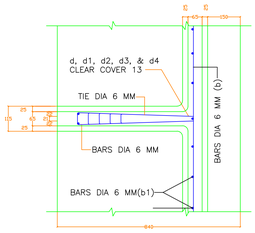
SECTION ON CD



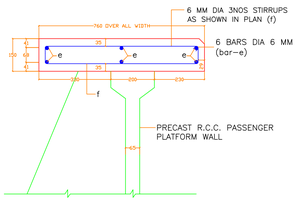
PART OF TOP PLAN



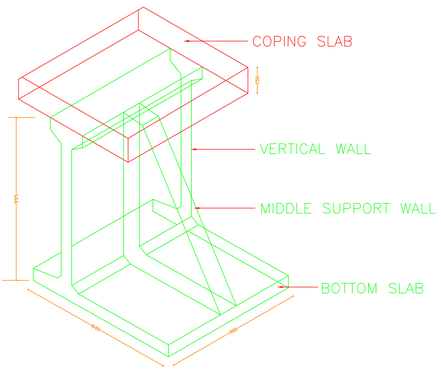
SECTIONAL PLAN ON A-B



PART SECTIONAL PLAN ON E-F

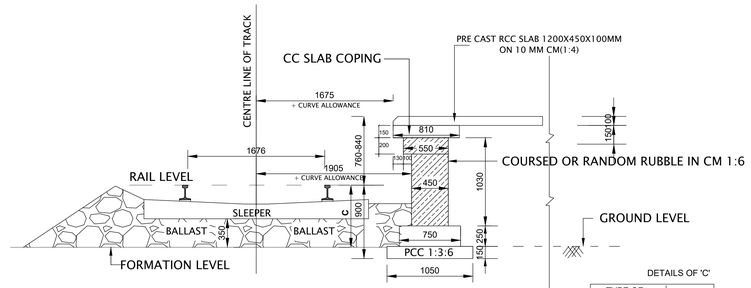


PLATFORM COPING SLAB (TO BE PRECAST)



ISOMETRIC VIEW

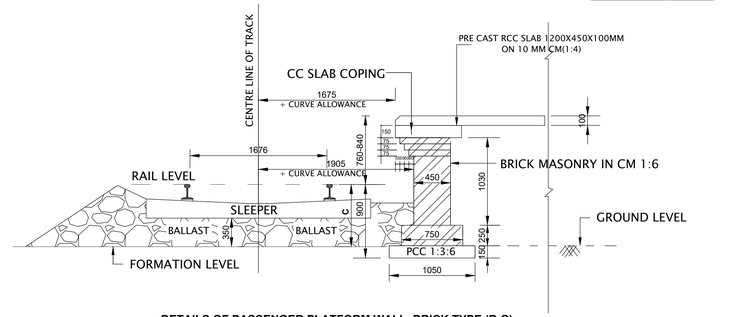
DETAILS OF PRECAST RCC COUNTERFORT PASSENGER PLATFORM WALL
SCALE 1:10



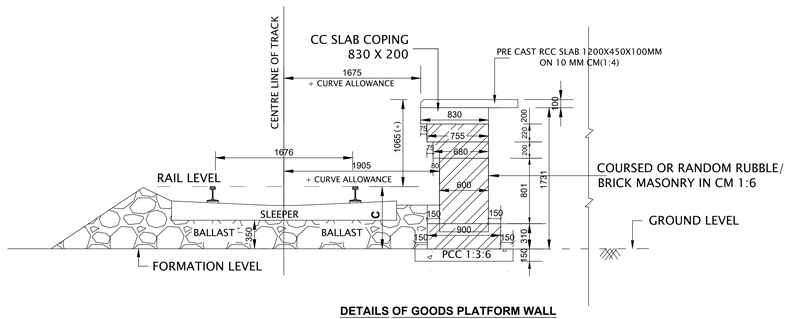
DETAILS OF PASSENGER PLATFORM WALL, STONE TYPE (B.G)
SCALE 1:30

DETAILS OF 'C'

TYPE OF SLEEPER	C
WIDER BASE	762
CONVENTIONAL	738



DETAILS OF PASSENGER PLATFORM WALL, BRICK TYPE (B.G)
SCALE 1:30



DETAILS OF GOODS PLATFORM WALL STONE TYPE / BRICK TYPE (SCALE 1:30)

(+) PLATFORM HEIGHT ABOVE RAIL LEVEL FOR GOODS PLATFORMS (EXCEPT HORSE AND END LOADING PLATFORMS) IS 1065MM AND FOR GOODS PLATFORMS (HORSE AND END LOADING PLATFORMS) IS 1295MM

BAR BENDING SCHEDULE FOR EACH UNIT

SCHEDULE OF REINFORCEMENT OF SECTIONAL PLAN AT A-B

BAR MARK	DESCRIPTION	NO.	Dia. OF BAR	LENGTH IN M	TOTAL LENGTH IN M	Unit Weight (Kg/M)	Total Weight (Kg)
a	24, 790, 36	5	6	0.940	4.700	0.222	1.045
a1	24, 555, 130, 125, 110, 36	2	6	0.945	1.890	0.222	0.420
a2	24, 826, 84	8	6	0.975	7.800	0.222	1.730
a3	24, 756, 84	3	6	0.905	2.715	0.222	0.604

SCHEDULE OF REINFORCEMENT (ELEVATION) PRECAST PANEL OF LENGTH 900 MM

BAR MARK	DESCRIPTION	NO.	Dia. OF BAR	LENGTH IN M	TOTAL LENGTH IN M	Unit Weight (Kg/M)	Total Weight (Kg)
b	24, 800, 36	11	6	0.955	10.505	0.222	2.320
b1	148, 24, 36, 24, 838, 36, 33	7	6	1.260	8.820	0.222	1.960

SCHEDULE OF REINFORCEMENT OF PLATFORM COPING

BAR MARK	DESCRIPTION	NO.	Dia. OF BAR	LENGTH IN M	TOTAL LENGTH IN M	Unit Weight (Kg/M)	Total Weight (Kg)
e	24, 850, 36	6	6	1.000	6.000	0.222	1.332
f	36, 702, 36	3	6	1.660	4.980	0.222	1.105

SCHEDULE OF REINFORCEMENT OF SECTION ON C-D

BAR MARK	DESCRIPTION	NO.	Dia. OF BAR	LENGTH IN M	TOTAL LENGTH IN M	Unit Weight (Kg/M)	Total Weight (Kg)
c	150, 150, 921, 282, 150	2	6	1.525	3.050	0.222	0.680
d		1	6	0.760	0.760	0.222	0.170
d1	49, VARIABLE 293/397/462/528/594, 18	1	6	0.970	0.970	0.222	0.216
d2		1	6	1.100	1.100	0.222	0.244
d3		1	6	1.230	1.230	0.222	0.274
d4		1	6	1.365	1.365	0.222	0.302

QUANTITY SCHEDULE FOR EACH UNIT (900mm LONG)

DESCRIPTION	PLATFORM WALL	COPING SLAB
NET WEIGHT OF BARS 6MM DIA	9.97 kg	2.44 kg
WASTAGE 10%	0.997 kg	0.24 kg
Total Weight of Steel	10.97 kg	2.68 kg

NOTES:

1. All dimensions are in millimeters unless otherwise specified.
2. All civil engineering works related to building works, road works & horticulture works shall confirm to CPWD specifications vol. 1 & 2 circulated vide CPDE lr. no. W1/221/CE/PLG/USSOR/SPL dated 21.04.2020.
3. For plain and reinforced concrete, IS: 456-2000 shall be followed.
4. Tor steel shall confirm to IS 1786-2008. Mild steel shall confirm to IS: 432:1982.
5. Platform walls shall be constructed over compacted earth as per the latest guidelines on compaction of earth work.

6. PRE-CAST RCC COUNTER FORT PF WALL

6.1 Grade of Concrete shall be M 30

6.2 All sharp corners to be rounded or chamfered suitably wherever necessary.

6.3 Spacing of reinforcement are with reference to the centre line of the bars

6.4 The details of counter fort platform wall are shown based on the RDSO Drg No. MA-10870

6.5 Bar bending schedule & quantities are with reference to RDSO Drg. No. MA-10870/1.

7. STONE TYPE & BRICK TYPE PASS. PF WALL

7.1 Platform wall with stone type & brick type masonry shall be adopted for extension/raising of existing similar type passenger platforms .

7.2 The details are shown based on standard drawing bearing No. CE'S DRG.No-16116 OF BNR.

8. GOODS PF WALL

8.1 Goods Platform wall with brick/stone masonry shall be adopted for extension/raising of existing similar type goods platforms.

9. The Platform shall be executed as per CE's Drg No. 5780/2024 Sheet 1/2

10. The Drawing supersheed the earlier approved drawing CE's Drawing No-5676/24 sheet 2/2

CE'S DRAWING NO:-5781/24

Signature block

CPDE/BBS	SRINIVASARAO BELLALA Digitally signed by SRINIVASARAO BELLALA Date:2024.08.06 12:36:19 +05'30'
DYCE/PLG/ BBS	BASANTA KUMAR TRIPATHY Digitally signed by BASANTA KUMAR TRIPATHY Date:2024.08.06 11:51:57 +05'30'

EAST COAST RAILWAY
HEAD QUARTERS OFFICE, BHUBANESWAR

PLATFORM WALL WITH PRECAST RCC, STONE MASONRY & BRICK MASONRY

Sheet: 2/2

SCALE AS SHOWN:

DRAWN BY	S.N.NAYAK JE/D&D