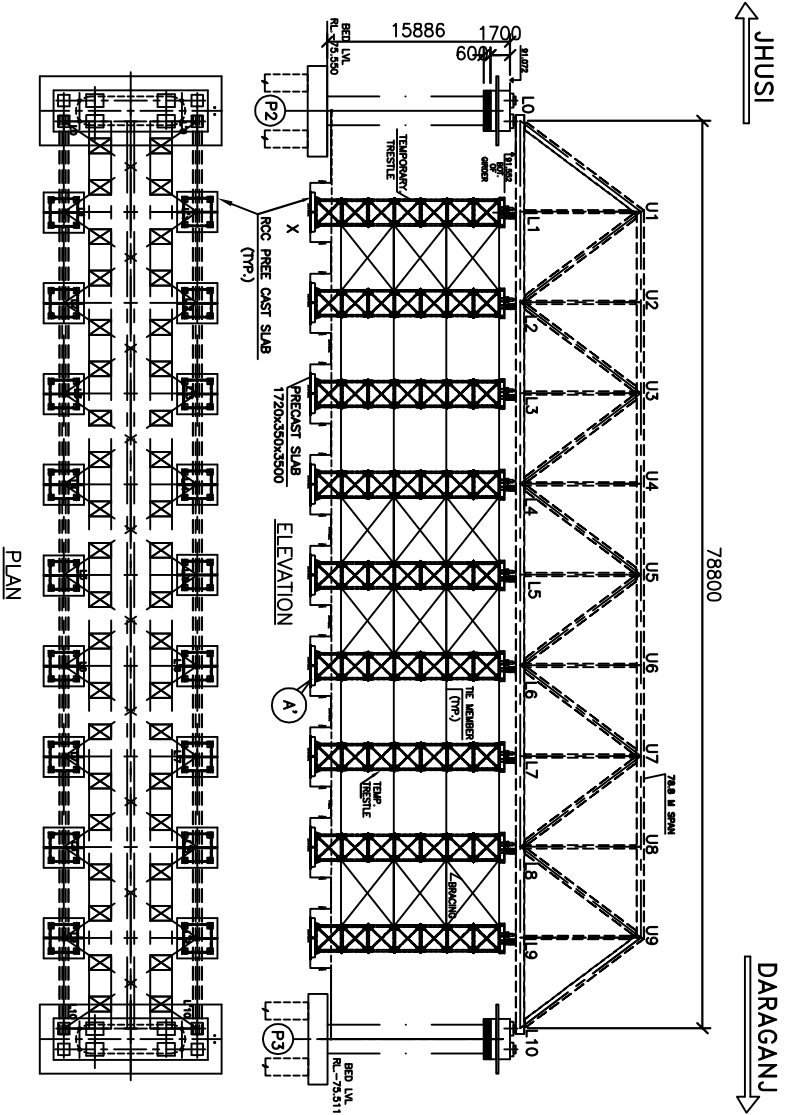


REINFORCEMENT DETAIL FOR RCC PRECAST SLAB - 36 NOS.

BAR MKD.	DESCRIPTION	SIZE	SHAPE	A	B	C	D	LENGTH	Nos.	UNIT WT.	WEIGHT IN KG./FD	TOTAL WEIGHT IN KG. FOR 36 NOS
d	Bottom	10Ø	B L A	1620	100	-	-	1820	23	0.62	25.95	934.20
b	Bottom	10Ø	B L A	3420	100	-	-	3620	11	0.62	24.68	888.48
c	Top	10Ø	B L A	1620	100	-	-	1820	23	0.62	25.95	934.20
d	Top	10Ø	B L A	3420	100	-	-	3620	11	0.62	24.68	888.48
e	Lifting Hook	12Ø	B/A/B c	150	400	100	-	1150	4	0.89	4.094	147.38
f	Choir Bar	12Ø	c/B/A/B c	150	220	100	-	790	4	0.89	3.160	113.76
SUB TOTAL WT =										3906.50		
5% EXTRA FOR LAP LENGTH ETC. =											4101.83	



TOTAL CONCRETE FOR PRECAST SLAB:-

- 1) PCC M10 (1:3:6) - $(18 \times 3.65 \times 3.65 \times 0.075 \text{ M}) \times 4 = 71.94 \text{ M}^3$ (FOR 4 SPAN LOCATION CONSIDERD)
 - 2) RCC M20 (1:1.5:3) - $36 \times 1.72 \times 3.5 \times 0.350 \text{ M}^3 = 75.85 \text{ M}^3$
- TOTAL = $147.79 \text{ M}^3 \approx 148 \text{ M}^3$

NOTES:-

1. ALL DIMENSION ARE IN MM.
2. PCC GRADE OF CONCRETE M10 (1:3:6).
3. RCC GRADE OF CONCRETE M20 & CLEAR COVER 40 MM.
4. BAR Fe 415 D CONFORMING TO IS:1786.

REV.	DATE	DESCRIPTION	BY

<p>PROJECTING AGENCY: THE BRAHMAWATE BURN & JESSOP CONSTRUCTION COMPANY LIMITED, KOLKATA (A GOVT. OF INDIA ENTERPRISE)</p>		<p>OWNER CLIENT: NORTH EASTERN RAILWAY</p>	
<p>CLIENT: RAIL VIKAS NIGAM LIMITED</p>		<p>PROJECT: 2x7.5/2.1 M. SPAN TRUSS GIRDER PROPOSED RAIL BRIDGE OVER RIVER GANGA BETWEEN JHUSI AND DARAGANG STATION AT ALLAHABAD (U.P.)</p>	
<p>TITLE: DETAIL OF PRECAST SLAB SUPPORT FOR SECTION OF 76.2M. SPAN DOUBLE LINE TRUSS GIRDER</p>			
SCALE:-1/175	NAME	DATE	B.B.L. ORDER NO.:- 3135
DRAWN BY: A.K.SETHI	30.09.22	30.09.22	3135-ERC-PRECAST SLAB-12/1
CHECKED BY: SAKHIBABE	30.09.22	0	REV.
APPROVED BY:			SHEET SIZE:- A3
			SHEET :-