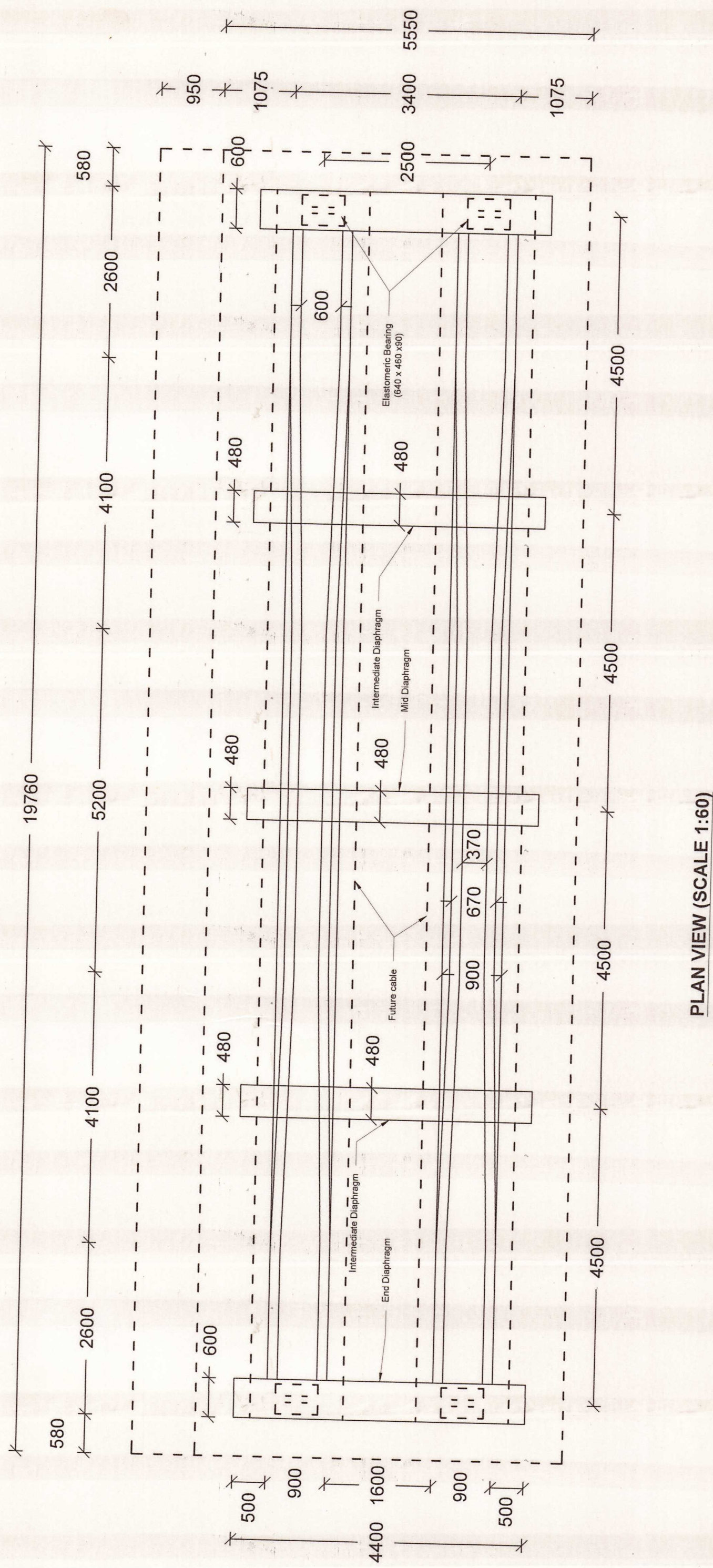
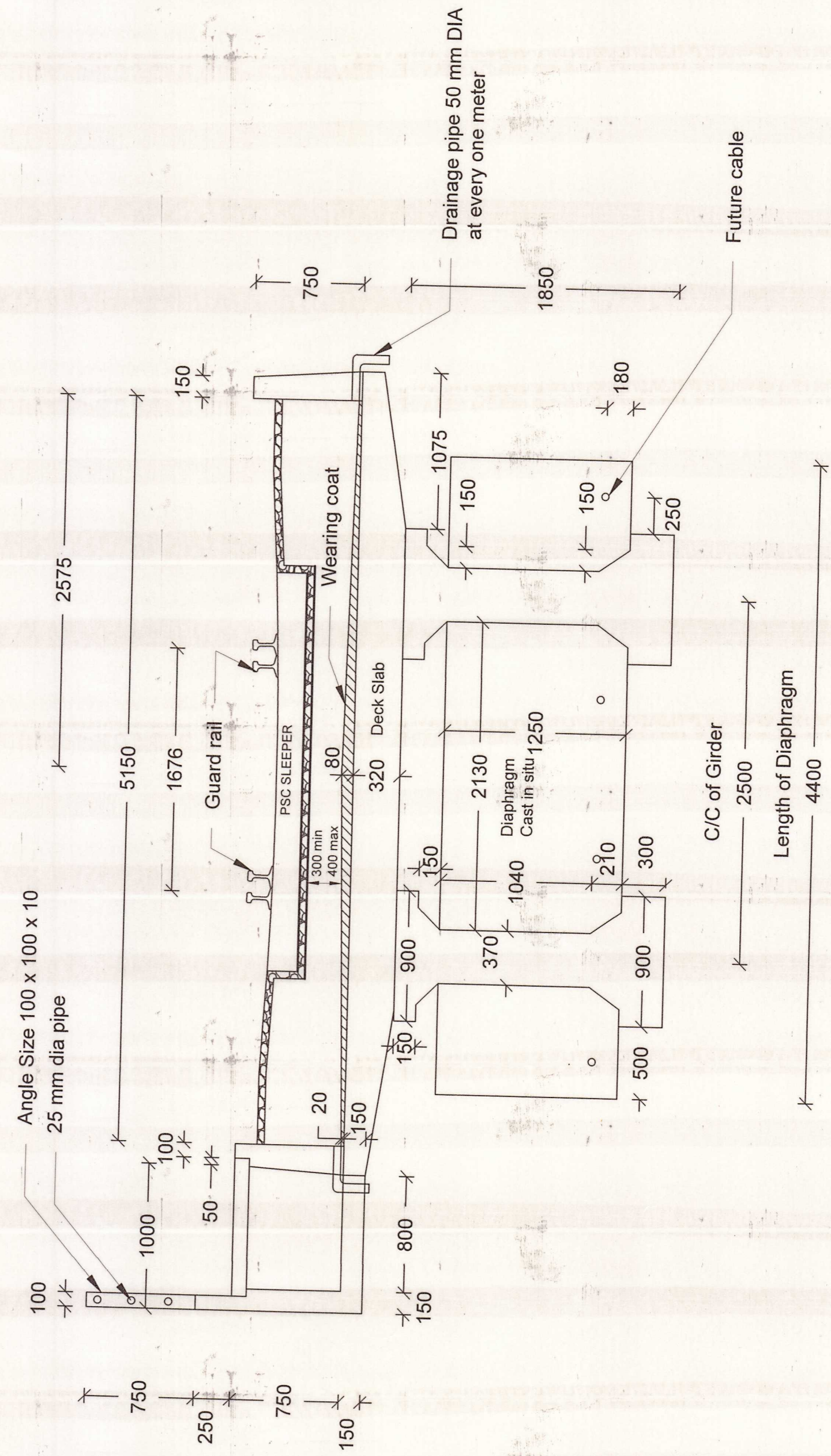
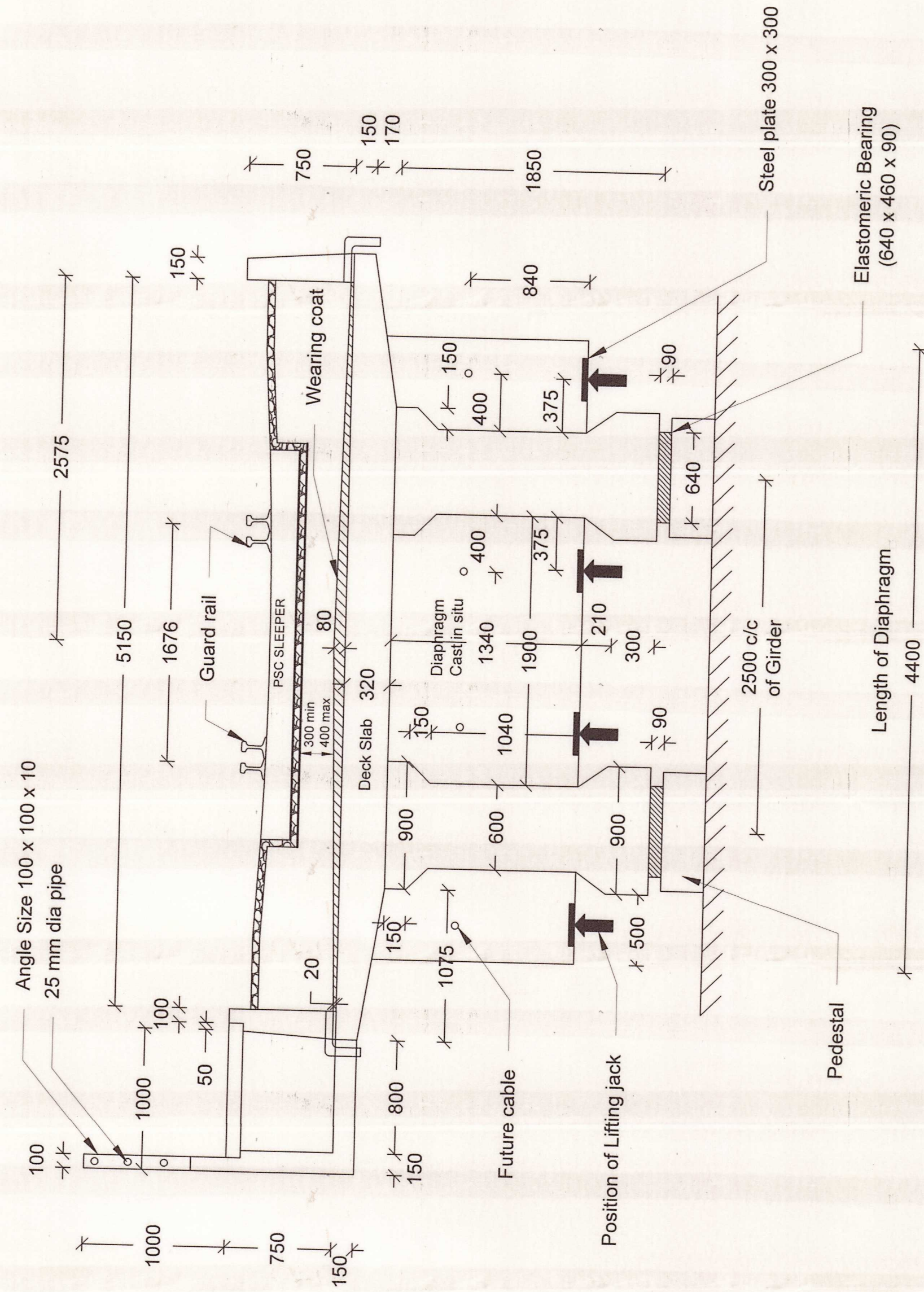
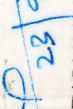
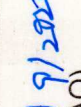
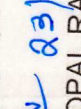
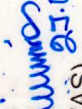
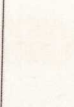
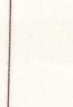




NOTES

1. All dimensions are in 'milli metres' except otherwise specified against the dimensions. No Dimensions shall be scaled only written dimensions shall be followed.
2. This drawing is to be read in conjunction with RDSO/B-102773 (18.3 m 21 Girder 25 T - 2008 Loading standard)
3. I - Girder shall be cast as per RDSO/B-10273.
4. 1st stage pre-stressing of Girders shall be done as per RDSO/B-10273 / 1.
5. 2nd stage pre-stressing after casting of deck slab and Diaphragm shall be done as per RDSO/B-10273 / 1 duly adding Three strands of 12.7 mm Diameter in cable 4.
6. Initial pre-stressing force at jacking end shall be 2617.73 KN and theoretical elongation at each end before slip shall be 70.59 mm for cable 4 with 19 strands.
7. All other conditions, Notes etc. given in the RDSO drawing No. RDSO/B-10273, RDSO/B-10273 / 1, RDSO/B-10273 / 2, RDSO/B-10273 / 3, RDSO/B-10273 / 4 shall be followed.

Weight of each span	
Weight of Girder	1058.34 KN
Weight of Diaphragm	280.66 KN
Weight of Deck Slab	1232.42 KN
Railing post and Railing Rod	31.10 KN

SOUTH CENTRAL RAILWAY	
DRG. NO.	GM (W) SC/BR/1R REC STD 1508 2020
Pre-stressed concrete 2 I Girder of span 18.3 m (Post-tensioned type) for 25 T Loading-2008 to suit deck width of 8.15 m.	
CBE/SC	 (K RAMAKRISHNA)  (P. RAJAGOPAL RAO)
DY.CE/BR.D/SC	 (P. RAJAGOPAL RAO)  (P. SRINIVAS)
AXEN/BR.D/SC	 (P. SRINIVAS)  (P. S. SARMIA)
SSE/W/BR.D/HQ/SC	 (P. S. SARMIA)  (MITHUN KUMAR SINGH)
SSE/DESIGNS/BR.D/HQ/SC	 (MITHUN KUMAR SINGH) 