

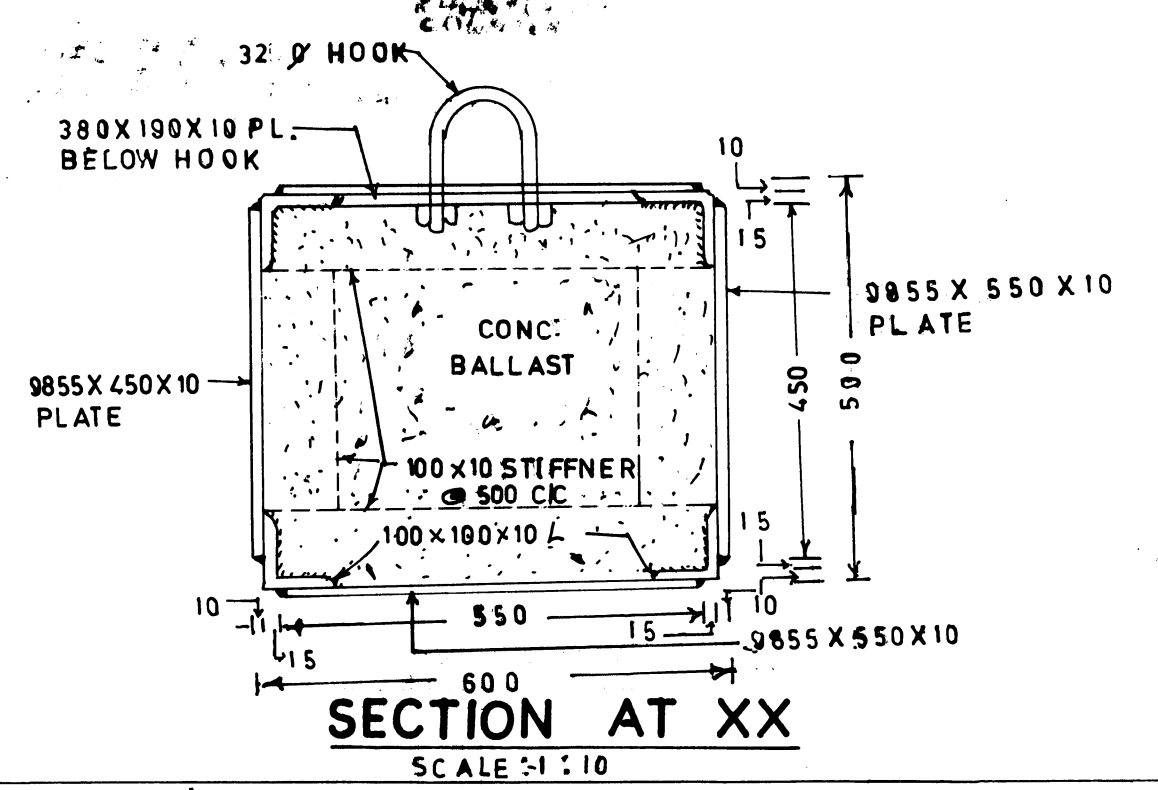
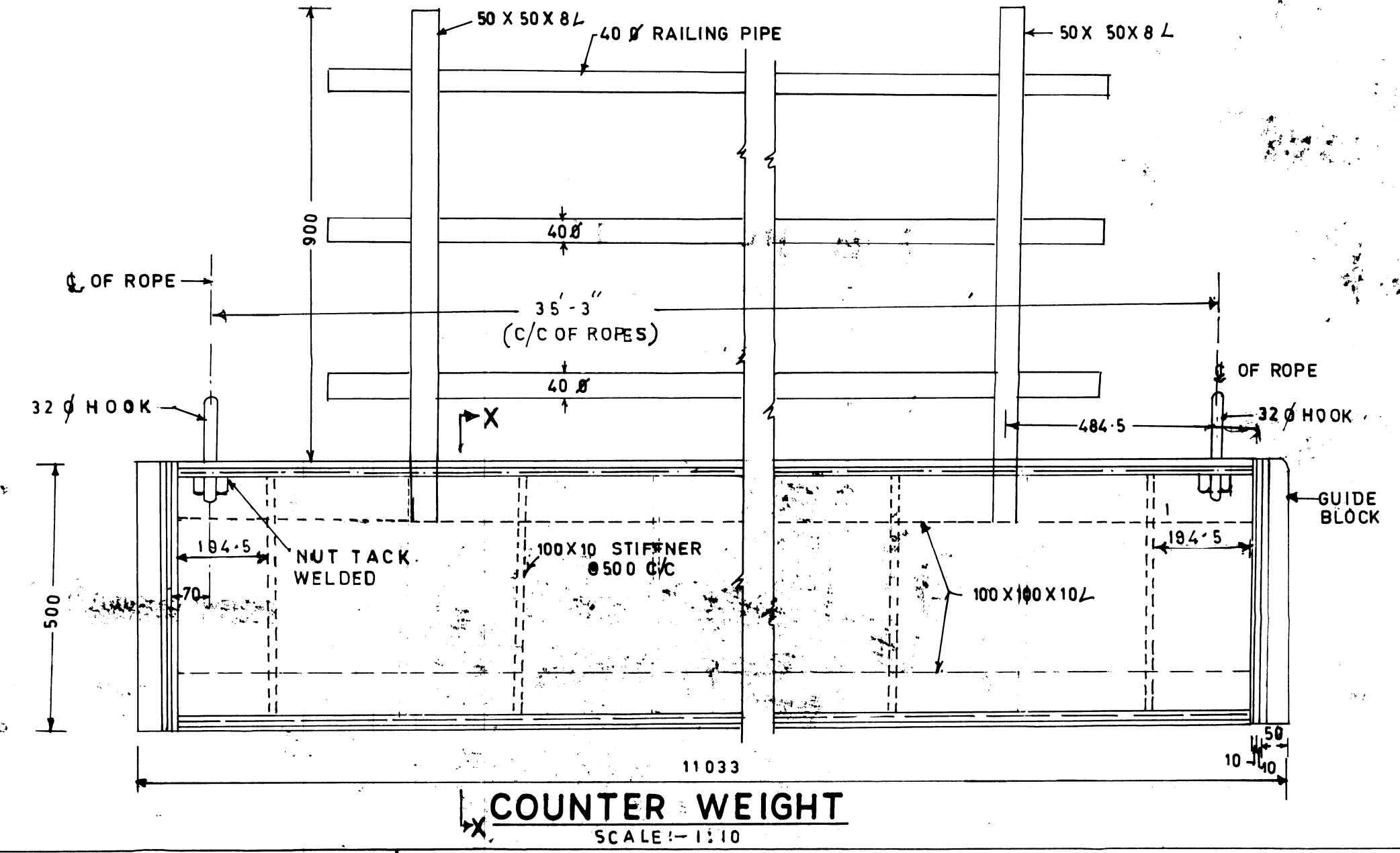
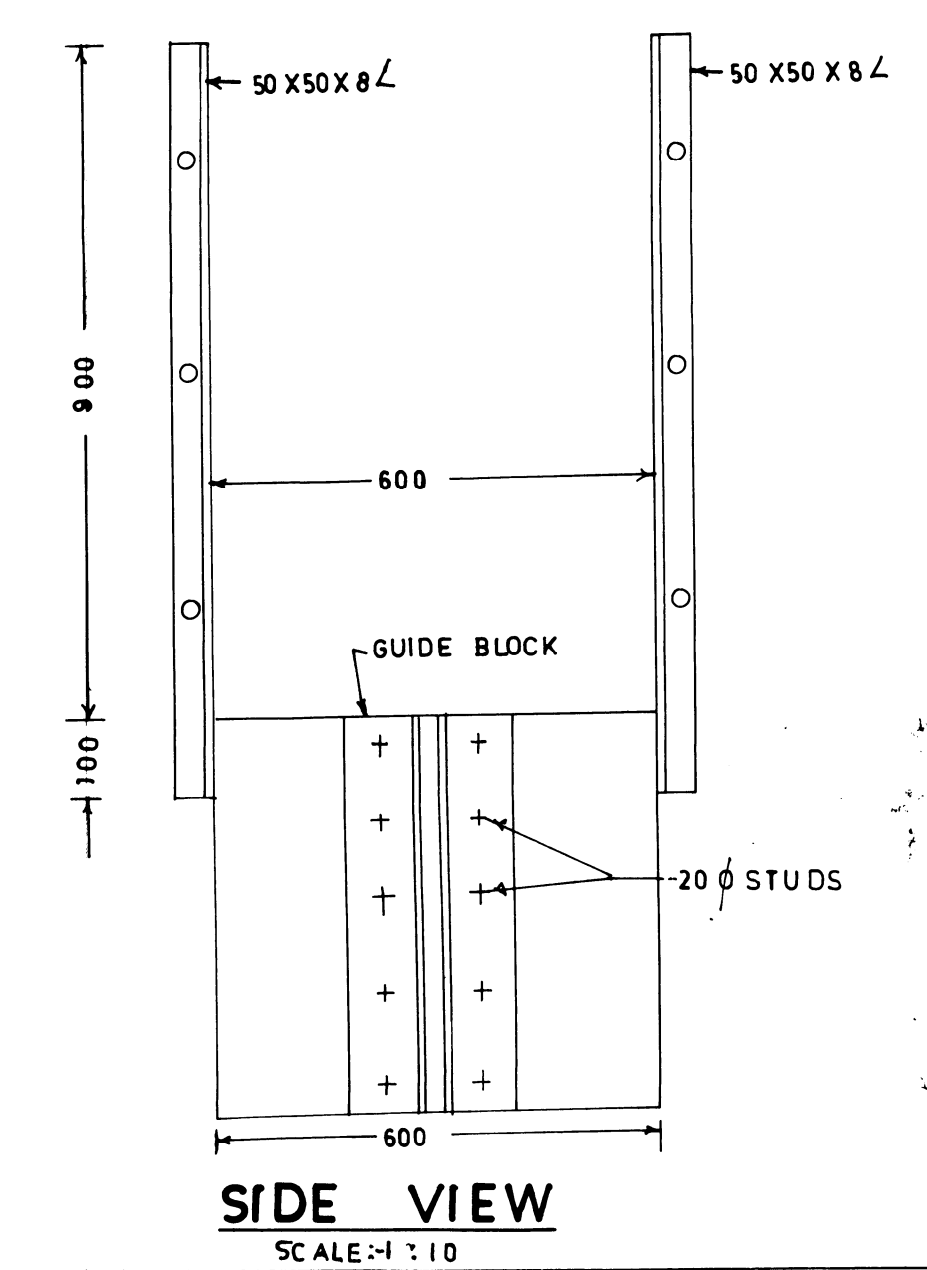
**GUIDE BLOCK**  
SCALE: 1:5

- NOTES:-**
1. ALL DIMENSIONS ARE IN mm. UNLESS OTHERWISE STATED.
  2. ALL R.L. ARE SHOWN IN FT.
  3. THE COUNTER WEIGHT IS DESIGNED AS A BOX GIRDER.
  4. CONCRETE MIX USED FOR BALLAST IS M: 100
  5. THE MISSING DIMENSIONS SHOULD BE COMPUTED AND NOT DIRECTLY MEASURED FROM THE DRAWING.
  6. THIS DRAWING SHOULD BE FOLLOWED FOR THE DETAILS OF COUNTER WEIGHT AND CANTILEVER BRACKET ONLY.
  7. NET WEIGHT OF COUNTER WEIGHT INCLUDING CONCRETE BALLAST AND RAILING SHOULD BE 8730 KG. (19200 FT.)
  8. THE DETAILS OF PIER, GATE LEAF, PULLEY AND PLATFORM ARE TAKEN FROM PREVIOUS DRG. NO. 78, SR. NO. 95 SUPPLIED BY F.O.
  9. TRIAL OPERATION OF COUNTER WEIGHT SHOULD BE DONE.
  10. STEEL USED SHOULD BE CONFIRMING TO THE I.S. 226.
  11. ALL WELD SHOULD BE 6mm FILLET WELD.
  12. THE EXISTING PIPE RAILING SHOULD BE UTILISED AS FAR AS POSSIBLE.
  13. ROPE SHUCKLE SHOULD BE USED AT ALL ROPE CONNECTION.

**SECTIONAL ELEVATION**  
SCALE: 1:20

**U/S VIEW**  
SCALE: 1:20

**PLAN**  
SCALE: 1:10



IRRIGATION DEPARTMENT		
CENTRAL DESIGNS ORGANISATION		
RANGHOLA IRRIGATION SCHEME		
DETAILS OF STEEL COUNTER WEIGHT FOR AUTOMATIC GATE SIZE: 36' X 5'		
TRACED BY <i>Phanendra</i>	DR. T. PARMAR DY. EX. ENGINEER	M. U. PUROHIT SUPERINTENDING ENGINEER
DRAWN BY <i>W. S. D.</i>	(J. H. PATEL) EXECUTIVE ENGINEER	CHIEF ENGINEER (C)
CHECKED BY GANDHINAGAR	DATE - 25-1-1982	DRG. NO. D/RANGOLA/1