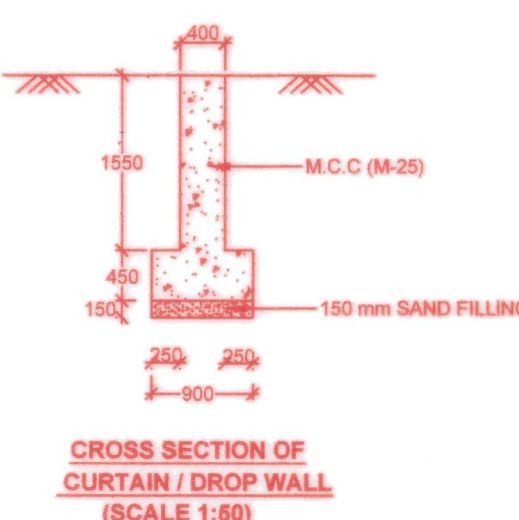
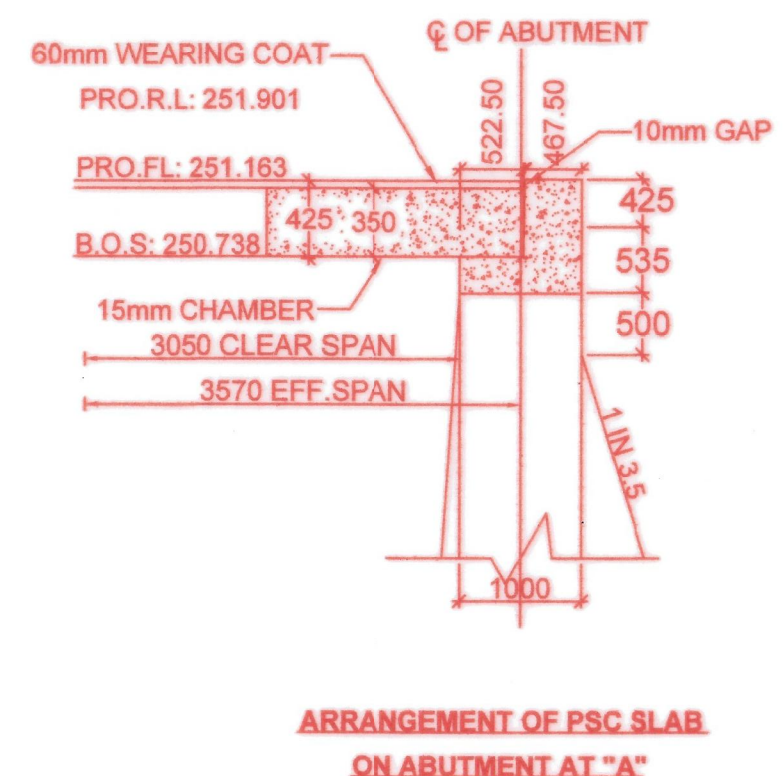
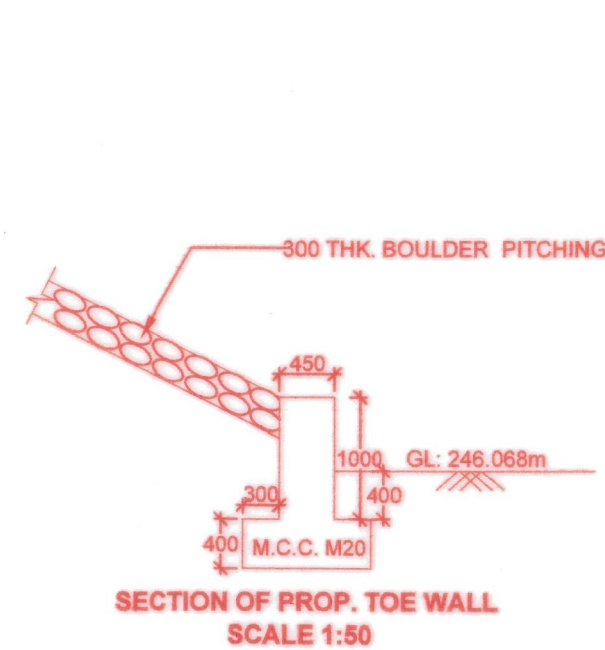
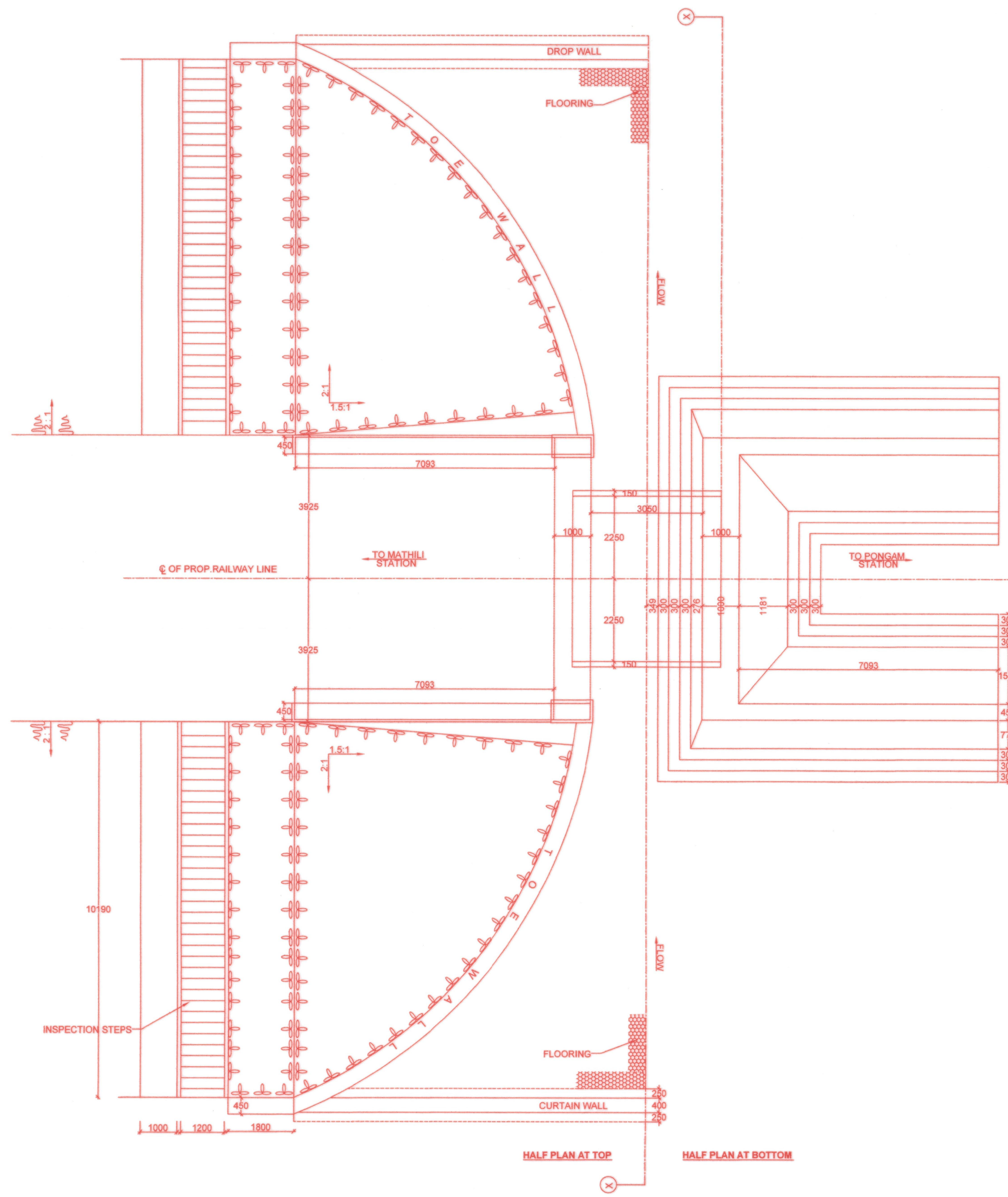
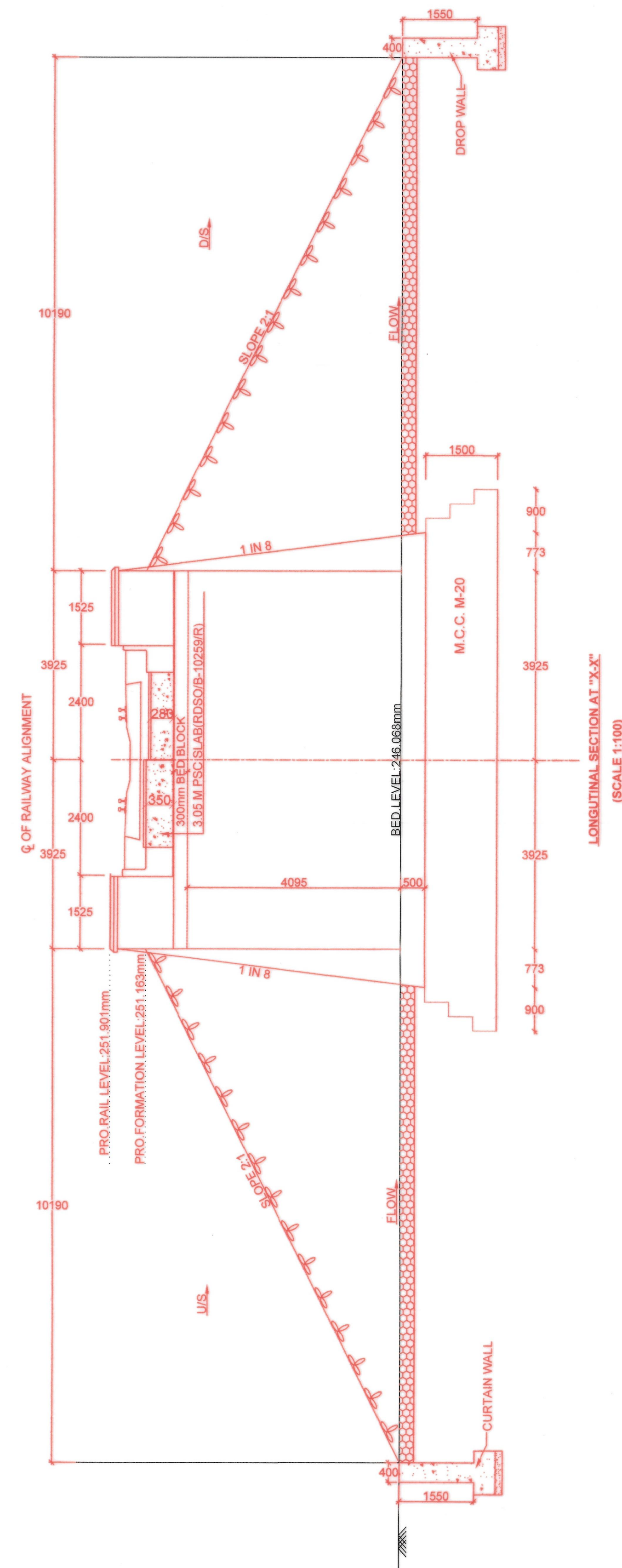




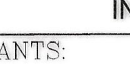




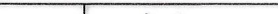


- NOTE**
1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE SPECIFIED AND REDUCED LEVELS ARE SHOWN IN METERS.
  2. FORMATION LEVEL SHOWN IN THE DRAWING IS AS PER LONGITUDINAL SECTION.
  3. THE GRADE OF CONCRETE FOR VARIOUS RCC/MSS AS CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE CONCRETE BRIDGE CODE 2014.
  4. IN CASE READY MIX CONCRETE IS TO BE USED THE MIX SHALL BE IN CONFORMITY WITH SPECIFICATIONS LAID DOWN IN CONCRETE BRIDGE CODE FOR OTHER ASPECTS WHICH ARE NOT COVERED BY CBC, IS-4928 SHALL BE APPLIED TO IT.
  5. WEEP HOLES OF 75/100 Ø PVC/AC PIPES ARE TO BE PROVIDED AT 1000mm C/C BOTH VERTICALLY & HORIZONTALLY IN STAGGER IN ABUTMENTS
  6. BACK FILL AND FILLING BELOW THE BRIDGE SHALL BE AS PER CLAUSE 7.5 OF IRS BRIDGE SUB-STRUCTURE & FOUNDATION CODE.
  7. ALL RCC SURFACES COMING IN CONTACT WITH SOIL SHOULD BE PAINTED WITH BITUMEN OR COAL TAR OF APPROVED QUALITY @1.464 kg/m<sup>2</sup>.
  8. THE DRAINING SHALL NOT BE SCALED. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
  9. DEPTH OF FOUNDATION SHOWN IN THE DRAWING IS TENTATIVE. THE ACTUAL DEPTH OF FOUNDATION SHALL BE AS PER DESIGN. THE CONTRACTOR IN CHARGE DURING HIS PERSONAL INSPECTION OF EXCAVATION AND SCOUR DEPTH CONSIDERATION.
  10. PROPOSED WORKS SHOWN IN RED.
  11. PROPOSED BRIDGE IS DESIGNED FOR 25t LOADING 2008 STANDARD.
  12. NO CONSTRUCTION JOINT SHALL NORMALLY BE ALLOWED IN CONCRETE WORKS WITHOUT SPECIAL PRECAUTIONS AS PER RELEVANT BRIDGE CODE.
  13. SKIN REINFORCEMENT MIN 8mm@2 TMT @200mm C/C BOTH WAY SHALL BE PROVIDED ON ALL EXPOSED SURFACES OF CONCRETE.
  14. SNIPER OUTLET ON D/S SIDE FOR DRAINAGE OF DISCHARGE TO BE ENSURED.
  15. IT SHOULD BE ENSURED THAT THE PROPOSED BRIDGE IS CAST FLUSH WITH THE FACE OF THE WALL OF THE EXISTING BRIDGE.
  16. GUARD RAILS ARE TO BE PROVIDED FOR THE TRACK TO THE ENTIRE LENGTH OF THE BRIDGE.
  17. ALL DIMENSIONS AND LEVELS SHOULD BE VERIFIED AND RECONCILED BEFORE EXECUTION.
  18. ANGLE OF REPOSE OF BACK FILL SHALL NOT LESS THAN 35°
  19. CEMENT CONCRETE SHOULD BE BONDED WITH OLD MASONRY BY PROVIDING 200D DOVEL BARS AT 450C/C BOTH HORIZONTALLY AND VERTICALLY.
  20. RCC AND PCC WORKS SHALL BE DONE IN ACCORDANCE WITH SPECIFICATION LAID DOWN IN IRS CONCRETE BRIDGE CODE.
  21. ALL CONCRETE WORKS SHALL BE MECHANICALLY MIXED AND VIBRATED.
  22. CURING SHALL BE DONE AS PER IRS CONCRETE BRIDGE CODE.
  23. MIX DESIGN SHALL BE APPROVED BY ENGINEER-IN-CHARGE.
  24. THE FILLING BELOW THE LEVELLING COURSE MAY BE PROVIDED WITH CLEAR RIVER SAND OR MACHINE CRUSHED MATERIAL DUST AS APPROVED BY ENGINEER-IN-CHARGE.
  25. PROPER ANCHORAGE OF REINFORCEMENT SHALL BE PROVIDED WITH BETWEEN BED BLOCK & PIER BASED ON ERECTION SCHEME/SEQUENCE OF CONSTRUCTION (IF ANY).
  26. THE OVERALL LENGTH OF THE PSC SLAB SHOULD BE SAME FOR ALL THE SPANS AS PER RDSO DRG. (IF ANY)
  27. THE G/S OF PSC SLAB SHOULD BE IN LINE WITH C/G OF ABUTMENT.
  28. THE PITCHING SHALL BE PROVIDED FOR A LENGTH AS DECIDED BY ENGINEER-IN-CHARGE AT SITE ON BOTH UP&DN STREAM SIDE OF THE BRIDGE LOCATION TO H.F. L+1m.
  29. THE AGGREGATE SHALL BE SUPPLIED WITH REQUIREMENTS OF IS 383.
  30. ALL REINFORCED BARS FOR RCC SHALL BE FOR STEEL TMT@CONFORMING TO IS 1786.
  31. FLOOD PROTECTION WORKS SHALL BE CARRIED OUT AS PER INSTRUCTIONS LAID DOWN IN PARA NO.818 OF IRBM.
  32. SAFE BEARING CAPACITY VALUE IS 13.55 T/M<sup>2</sup>
  33. NECESSARY STEPS PROVIDED AS PER SITE REQUIREMENTS.
  34. THE DRAWING IS BASED ON UNCOVERED AND UNRAILED PLAN AND SECTION: C/CON/IN/SPK/JEYPORE-MALKANGIRI/NO. OF 18



BH-188			
DEPTH	TYPE		SPTN
0.00	CL		
1.00			
1.50			14
2.50			
3.00			18
4.00			
4.50	SM-SP		22
5.50			-
6.00			27

CL- INORGANIC SILTY CLAY  
(SM-SP)- POORLY GRADED MEDIUM  
DENSE SAND WITH SILT

DRG. NO. /E/CION/WSP/JEYPORE-MALKANGIRINR/VB/3/2023/2024 <b>STANDARD OF LOADING : RAILWAY LOADING (25T-0098)</b>			
 <b>EAST COAST RAILWAY</b> (CONSTRUCTION)			
<b>DIVISION: WALTAIR</b>			
BR.NO-203	PROP. BRIDGE	1 X 3.0 PSC 54.6	
	LOCATION	CH/79240.000 to 81	
<b>PROPOSED BRIDGE NO-203(CH/79240.000M) BETWEEN                  MATHILI - PONGAM                  IN WALTAIR DIVISION OF EAST COAST RAILWAY</b>			
<b>CONSULTANTS: M/s SATRA SERVICES AND SOLUTIONS PVT. LTD.</b> Corporate Office : 401, Capital Park, Image Garden Lane, H- Tech City, Madhapur, Hyderabad, Telangana - 500 081, India.			
			
<b>Prepared By: M/s ODBA ASSOCIATES PVT. LTD.</b> Corporate Office : Plot No. 5841, Chakrasithi, Near Mangala Mandir, Post - Manchavaram, Manchavaram Road, Bhuvanesar, Khairati, Odisha, India - 751010 Email - odbaassociates@gmail.com / info@odbaassociates.com Ph: 9493908678/0674-2952731			
			
SHEET NO : _____		SHEET SIZE : <b>850X 900</b>	
SCALE : <b>AS SHOWN</b>		ISSUE DATE : _____	
APPROVED FOR PROJECT PARSE  <b>Rakshit Mohanty</b> RAKSHITA MOHANTY PROJECT PARSE		 <b>Pankaj Panda</b> PANKAJ PANDA PROJECT VISA	
<input type="checkbox"/> TENDER		<input type="checkbox"/> PRELIMINARY	
<input type="checkbox"/> INFORMATION		<input type="checkbox"/> APPROVAL	
<input type="checkbox"/> CONSTRUCTION			

 <b>A. S. Panwar</b> CHIEF ENGINEER E.C. Railway		 <b>B. S. Mohanty</b> (B) MOHANTY DY. CHIEF ENGINEER E.C. Railway		SHEET NO : _____ SCALE : <b>AS SHOWN</b> REVISION : <b>#0</b>		SHEET SIZE : <b>850X 900</b> ISSUE DATE : _____	
		SIGNATURE OF PROJECT DIRECTOR <b>Rashmi Mohanty</b> PROJECT DIRECTOR		SIGNATURE OF CHIEF ENGINEER <b>Pankaj Parda</b> CHIEF ENGINEER		<input type="checkbox"/> TENDER <input checked="" type="checkbox"/> PRELIMINARY <input checked="" type="checkbox"/> APPROVAL <input type="checkbox"/> CONSTRUCTION	