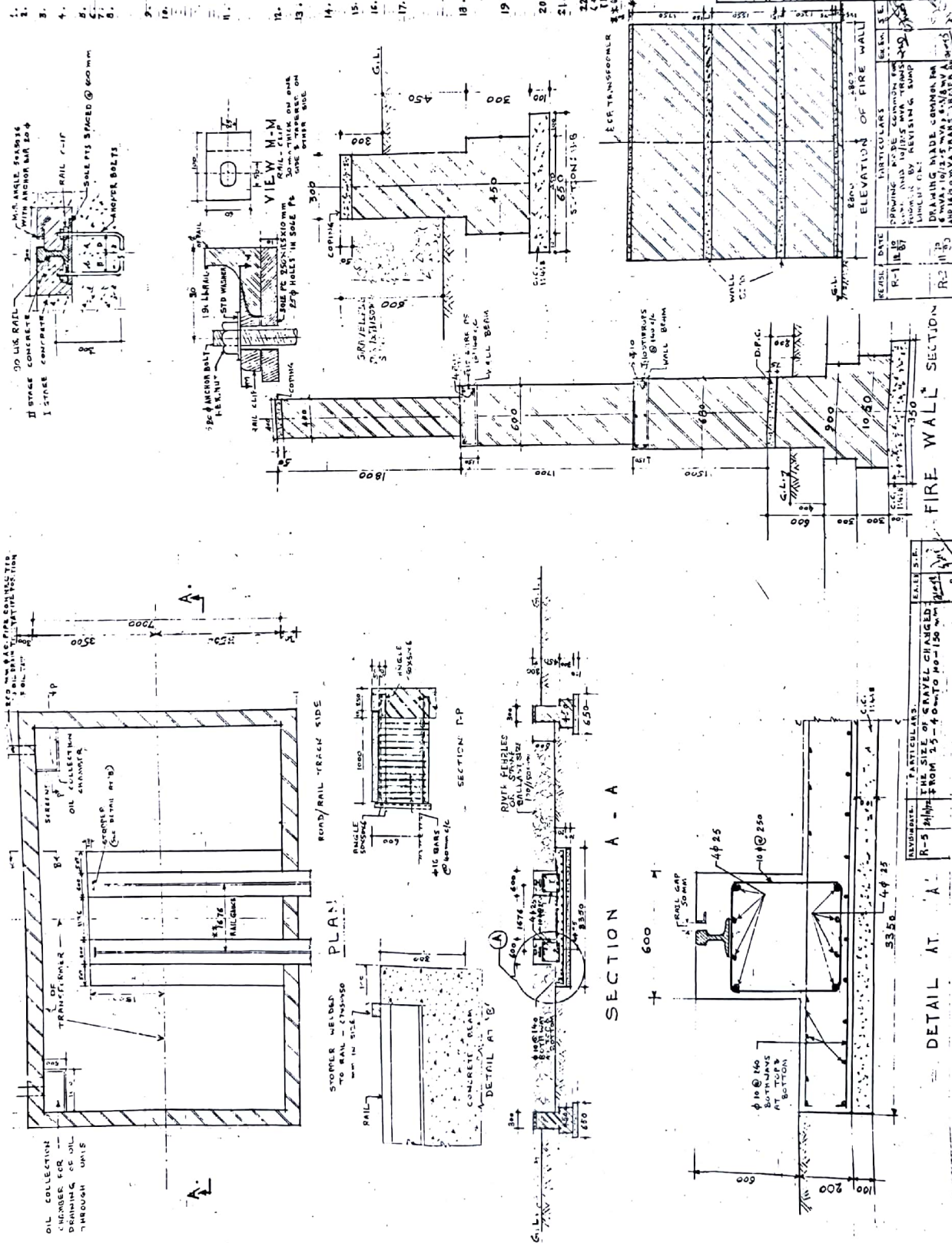


- ALL DIMENSIONS ARE IN MILLIMETERS.
- NO DIMENSIONS SHOULD BE FOLLOWED FROM THE DRAWING, ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
- USE CONCRETE OF M-15 GRADE AS PER IS-456 AT ALL PLACES EXCEPT WHEREVER MENTIONED.
- CONCRETE TO BE USED IS SMALL CONSIST OF 100 STEEL BARS.
- COVER TO REINFORCING BARS SHALL BE 50 MM.
- OVERLAP IN REINFORCING BARS SHALL BE MINIMUM 50 D.
- EMBEDMENT LENGTH OF REINFORCING BARS SHALL BE MINIMUM 40 D.
- MAINTAIN RAIL SHALL BE FIXED IN FINAL POSITION IN FIRST STAGE OF CONCRETE. THE RAIL SHALL THEN BE FIXED IN SECOND STAGE CONCRETE.
- TRANSFORMERS SHALL BE PROVIDED BETWEEN TWO ADJOINING TRACKS.
- TRANSFORMERS SHALL BE PROVIDED AS SHOWN IN THE LAYOUT OR FIRE WALL SHALL BE CONSTRUCTED IN STONE MASONRY OR BRICK MASONRY WITH CEMENT PLASTER AS PROVIDED IN THE LAYOUT. R.C.C. WALLS SHALL BE PLASTERED WITH 20 MM THICK PLASTER OF C.M. 1:1:6.
- THE SURFACE OF THE OLD CONCRETE IN THE POCKET AND AT OTHER PLACES WHERE FRESH CONCRETE AT LATER STAGE IS TO BE POURD SHALL BE ROUGHENED AND CONCRETE FRESH CONCRETE.
- THE TIME LAG BETWEEN THE FIRST STAGE CONCRETE AND SECOND STAGE CONCRETE SHALL NOT EXCEED BEYOND 18 DAYS.
- THE FLOOR OF FOUNDATION PIT SHALL HAVE NO FLOORING. IT SHALL ONLY BE FILLED WITH STONE BALLAST.
- THE EARTH/JACKFILL WHEREVER NEEDED SHALL BE PROPERLY COMPACTED IN LAYERS NOT EXCEEDING 150 MM TO ATTAIN 24% DENSITY. IN ANY PORTION CONCRETE EQUIPMENT DRAWING AND TAKE O.K. FROM ELECTRICAL WING.
- WHEN FIRE WALLS ARE NOT REQUIRED, THE FOUNDATION PIT SHALL BE PROVIDED WITH PLUMB WALLS ALL AROUND. AS THE FOUNDATION WALLING REST ON NATURAL UNDISTURBED FIRM SOIL IN EACH NATURAL FIRM SOIL IS NOT AVAILABLE, THE MATTER SHOULD BE REFERRED TO THIS OFFICE IMMEDIATELY.
- THE GRAVELS FILLED IN THE TANK SHALL BE OF SIZE 100-150 MM AND SHALL HAVE MINIMUM 40% Voids and FINE OF DIRT, DIST. AND ORGANIC IMPURITIES. THE PERCENTAGE OF AGGREGATE BELOW 100 MM SIZE SHALL BE NIL.
- THE DESIGN IS BASED ON THE SAFE BEARING CAPACITY VALUE OF 3000 TONNES PER SQUARE METRE. THE SOIL SHOULD BE KEPT IN THIS OFFICE FOR REVISING THE DRAWINGS ACCORDINGLY.
- IN CASE OF ANY DISCREPANCY IN THE DRAWINGS OR DIFFICULTY AT SITE THIS OFFICE SHOULD BE REFERRED IMMEDIATELY.
- THE DRAWING IMPROVEMENT BARS SHALL NOT BE COUNTED FROM THE DRAWING.
- THE DESIGN IS BASED ON FOLLOWING DATA:
 (1) TOTAL WEIGHT OF TRANSFORMER = 10,000 KG.
 (2) VOLUME OF OIL = 13500 LITRE.
 (3) RAIL GAUGE = 1676 MM IN GENERAL, THE DESIGN IS FOR 1600 MM INDEPENDANT TRACKS.

Chief Engineer (Civil)
RAJASTHAN STATE ELECTRICITY BOARD
400 K.V. G.S.S. JAIPUR.
FOUNDATION DRG FOR 6/8, 10/12.5, 15/20, 20/25 M.V.A. 152 K.V./33/11 K.V. TRANSFORMERS



REVISION	DATE	REASON
R-1	11/08/87	OPENING FOR COMMON RAIL TRACK BY REVISING TAMP WORKING CLEARANCE
R-2	10/03/88	DRAWING MADE COMMON FOR TRANSFORMERS AND RAIL TRACKS

ARTICULARS
 DRAWING MADE COMMON FOR TRANSFORMERS AND RAIL TRACKS
 DRAWING MADE COMMON FOR TRANSFORMERS AND RAIL TRACKS

REVISIONS
 R-1 11/08/87
 R-2 10/03/88

DETAIL AT A
 PARTICULARS
 R-3 11/08/87
 THE SIZE OF GRAVEL CHANGED FROM 15-40 TO 10-150 MM

SCALE:-
 N.T.S.
DATE:
 19.11.87

SIZE:
 30 X 100
DRG. NO.:
 ENY/286