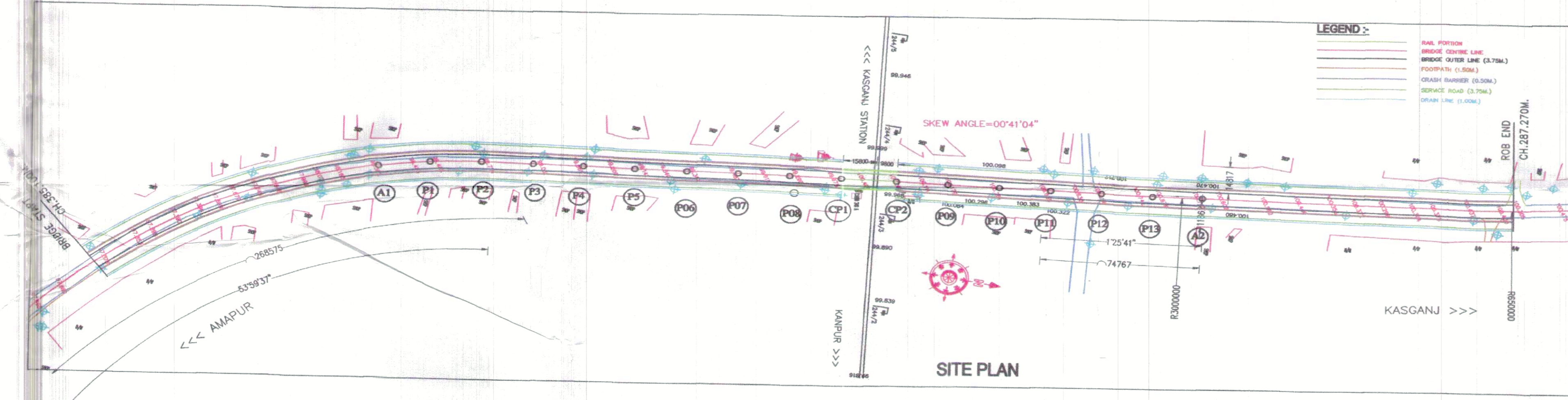
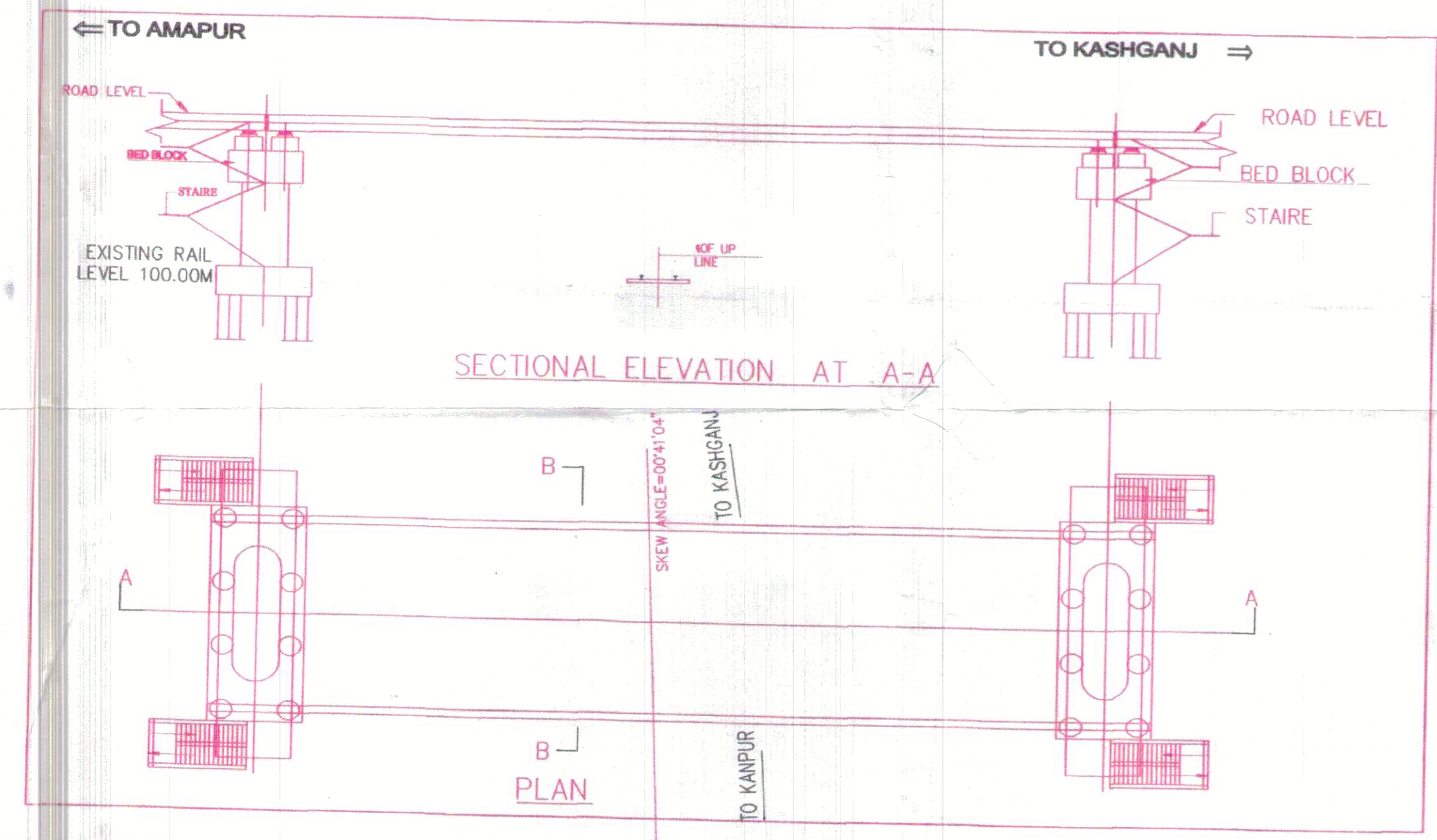


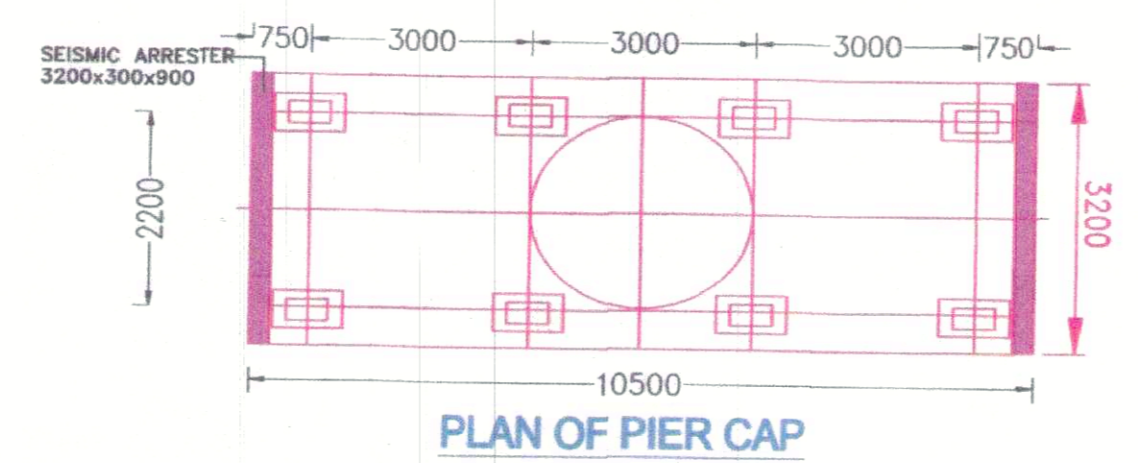
GENERAL ELEVATION OF BRIDGE



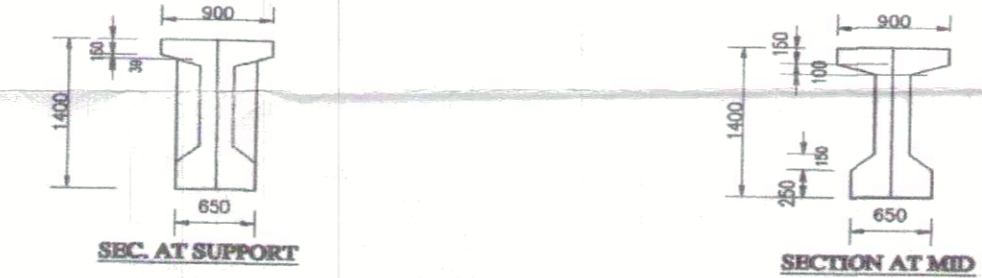
SITE PLAN



SECTIONAL ELEVATION AT A-A

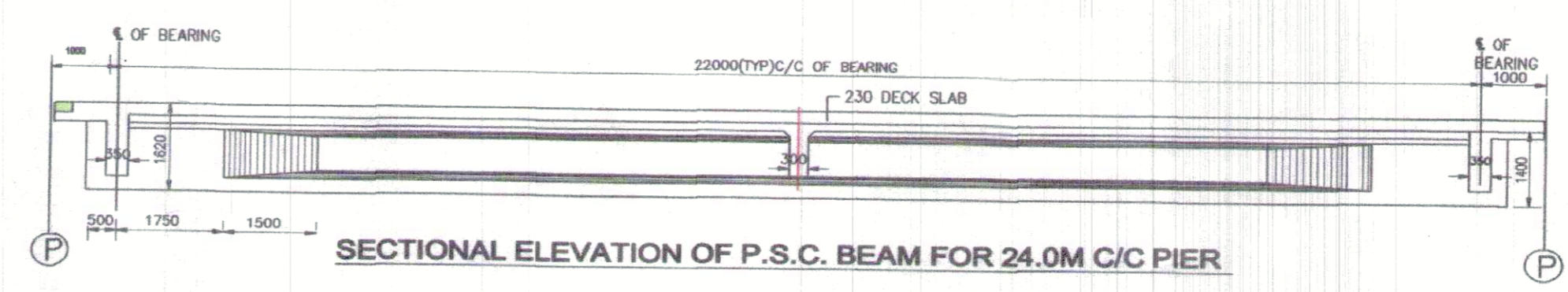


PLAN OF PIER CAP

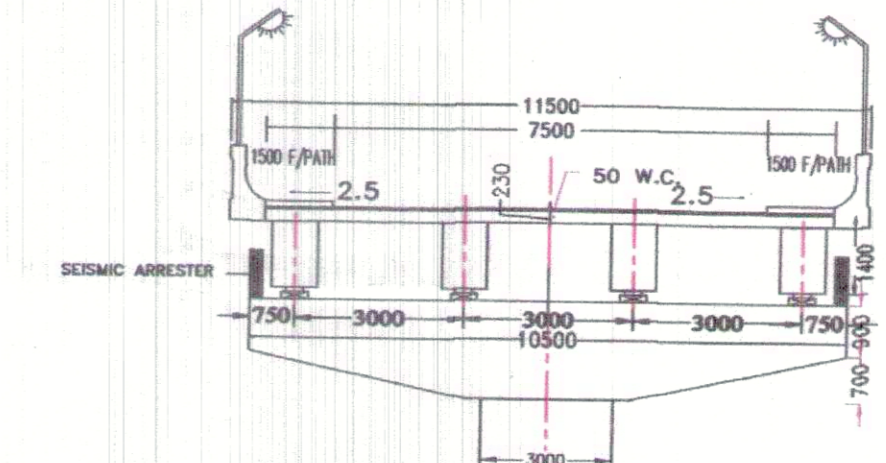


SEC. AT SUPPORT

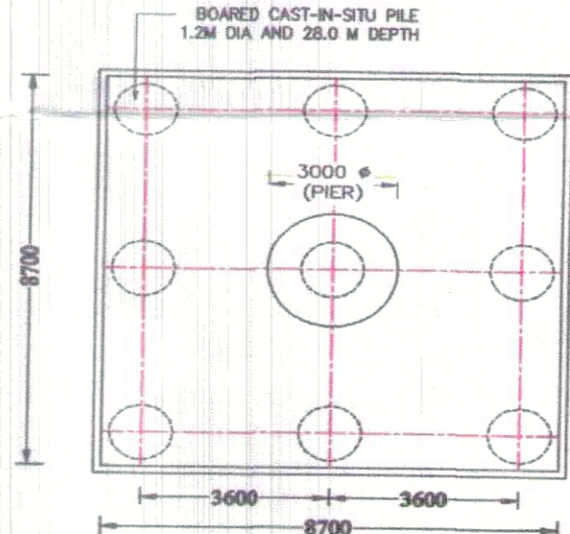
SECTION AT MID



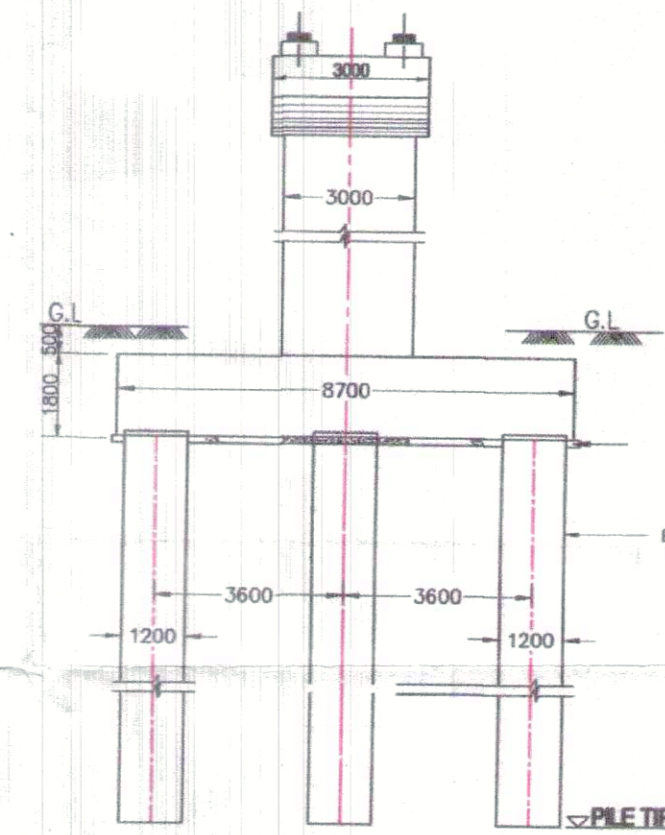
SECTIONAL ELEVATION OF P.S.C. BEAM FOR 24.0M C/C PIER



SECTION AT PIER (FOR 24.0M SPAN)



TYP. PLAN FOR 24.0M C/C PIER



SIDE VIEW (FOR 24.0M SPAN)

NOTES:-

- 1-ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED. R.L. ARE IN METRE.
- 2-DIMENSION SHOWN IN G.A.D. ARE TENTATIVE AND SUBJECT TO MODIFICATION AT THE TIME OF DETAILED DESIGN.
- 3-GRADE OF CONC. SHOWN BELOW :-
(A) FOUNDATION
(i) LEVELING COURSE.....M15
(ii) PILE.....M35
(iii) PILE CAP.....M35
(B) SUB STRUCTURE
(i) PIER.....M35
(ii) PIER CAP.....M35
(iii) ABUTMENT TOP BEAM.....M35
(d) BEARING.....POT P.T.F.E. BEARING
(C) SUPER STRUCTURE
(i) P.S.C. BEAM.....M45
(ii) CROSS BEAM.....M40
(iii) DECK SLAB.....M40
(iv) CRASH BARRIER.....M40
(v) WEARING COAT.....50mm BITUMINOUS CONCRETE
(vi) EXPANSION JOINT.....COMPRESSION SEAL TYPE
- 4-ALL THE WORK SHALL BE CARRIED OUT AS PER RELEVANT I.R.C. CODES.
- 5-LENGTH OF VIADUCT AND R.E. WALL HAS BEEN SHOWN ALONG THE CENTER LINE OF CARRIAGEWAY OF R.O.B.
- 6-TENTATIVE VERTICAL LOAD CARRYING CAPACITY OF PILE IS 259.50 T AND HORIZONTAL LOAD CARRYING CAPACITY OF PILE IS 27.40 T FOR 1.2 M Ø AND 28.0M PILE DEPTH AS PROVIDED.
- 7-CAMBER SHALL BE PROVIDED IN STRAIGHT PORTIONS OF THE R.O.B. SUPER ELEVATION AND EXTRA WIDENING SHALL BE PROVIDED IN CURVED PORTION AS PER THE CODAL REQUIREMENTS.
- 8-FORMATION LEVEL HAS BEEN GIVEN AS 109.213 M AND RAIL TOP AS 100.00M
- 9-SLOPE OF R.O.B. SHALL BE PROVIDED AS 1:30 FOR BOTH SIDE OF R.O.B.
- 11-FOLLOWING SEISMIC PARAMETER HAS BEEN TAKEN IN DESIGN.
(i) SEISMIC ZONE.....III
(ii) IMPORTANCE FACTOR.....1.20
(iii) Sa/g.....2.50
- 12-MAX. VEHICULAR SPEED LIMIT.....40.0km/HR. CAUTION BOARD MUST BE PROVIDED FOR SPEED LIMIT AS PER SITE REQUIREMENT.
- 13-CONSTRUCTION OF APPROACH ROAD AND ITS CRUST WILL BE AS PER PROVISIONS OF I.R.C. 37. DUE PRECAUTION SHOULD BE TAKEN IN EMBANKMENT CONSTRUCTION OF APPROACH ROAD.
- 14-DRAINAGE PIPE SHALL BE PROVIDED AS PER SITE REQUIREMENT TO PROTECT FOUNDATION FROM SEEPAGE OF WATER.

TENTATIVE GAD FOR ESTIMATE PURPOSE ONLY.

<p>U.P. STATE BRIDGE CORPORATION LTD. B.C.U.-ALIGARH.</p>	
NAME OF PROJECT	PROPOSED R.O.B. AT CROSSING NO.248 A ON KASHGANJ KANPUR RAIL SECTION IN DISTT. KASHGANJ.
TITLE OF DRAWING	GENERAL ARRANGEMENT DRAWING
SPAN ARRANGEMENT	R.E. WALL, 170.100M +1X23.000 M +8X24.0 M +1X23.000 M RLY. SPAN + 8X24.0M + 1X23.000M + 144.270 M. R.E.WALL.
CARRIAGEWAY	7.5M CLEAR CARRIAGE WAY WITH PATH
LOADING	SAFE FOR 2 LANES OF I.R.C. CLASS 'A' OR ONE LANE OF 70R
 A.E. B.C.U.-ALIGARH	 D.Y.P.M. B.C.U.-ALIGARH
 C.P.M. U.P.S.B.C.LTD.AGRA	

मुख्य परियोजना प्रबन्धक
उ०रा० राज्य सेतु निगम लि०
आगरा