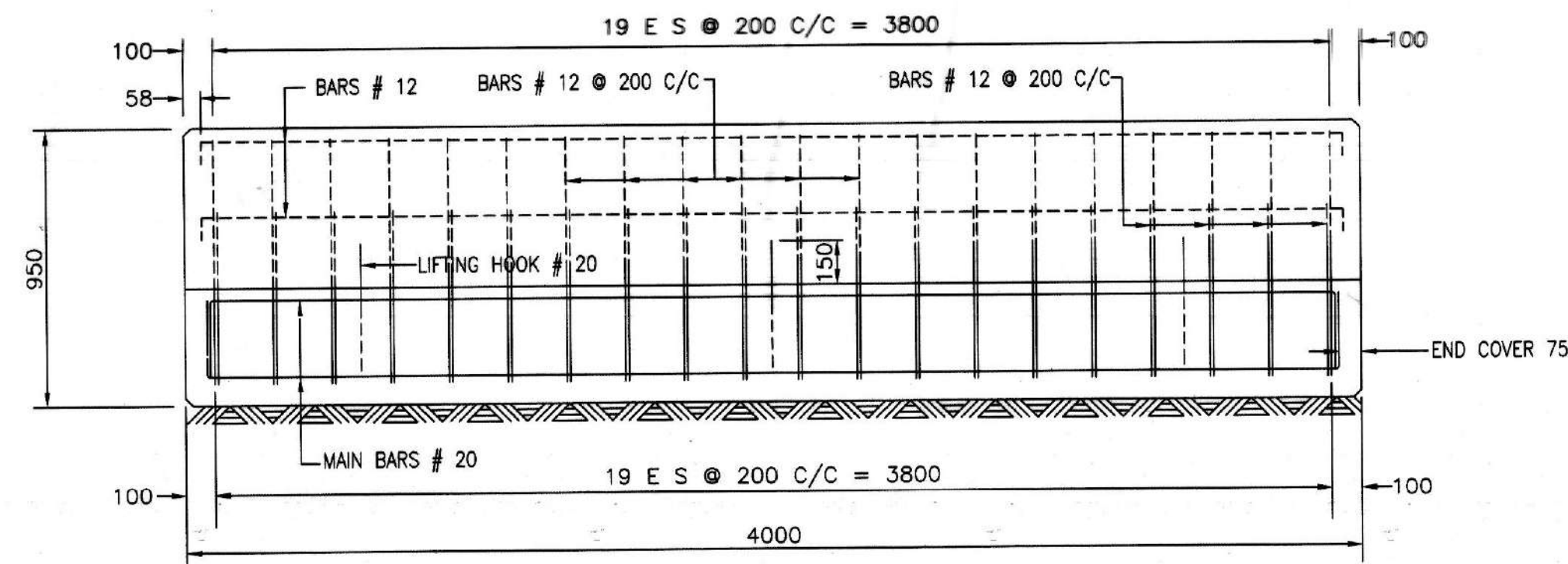
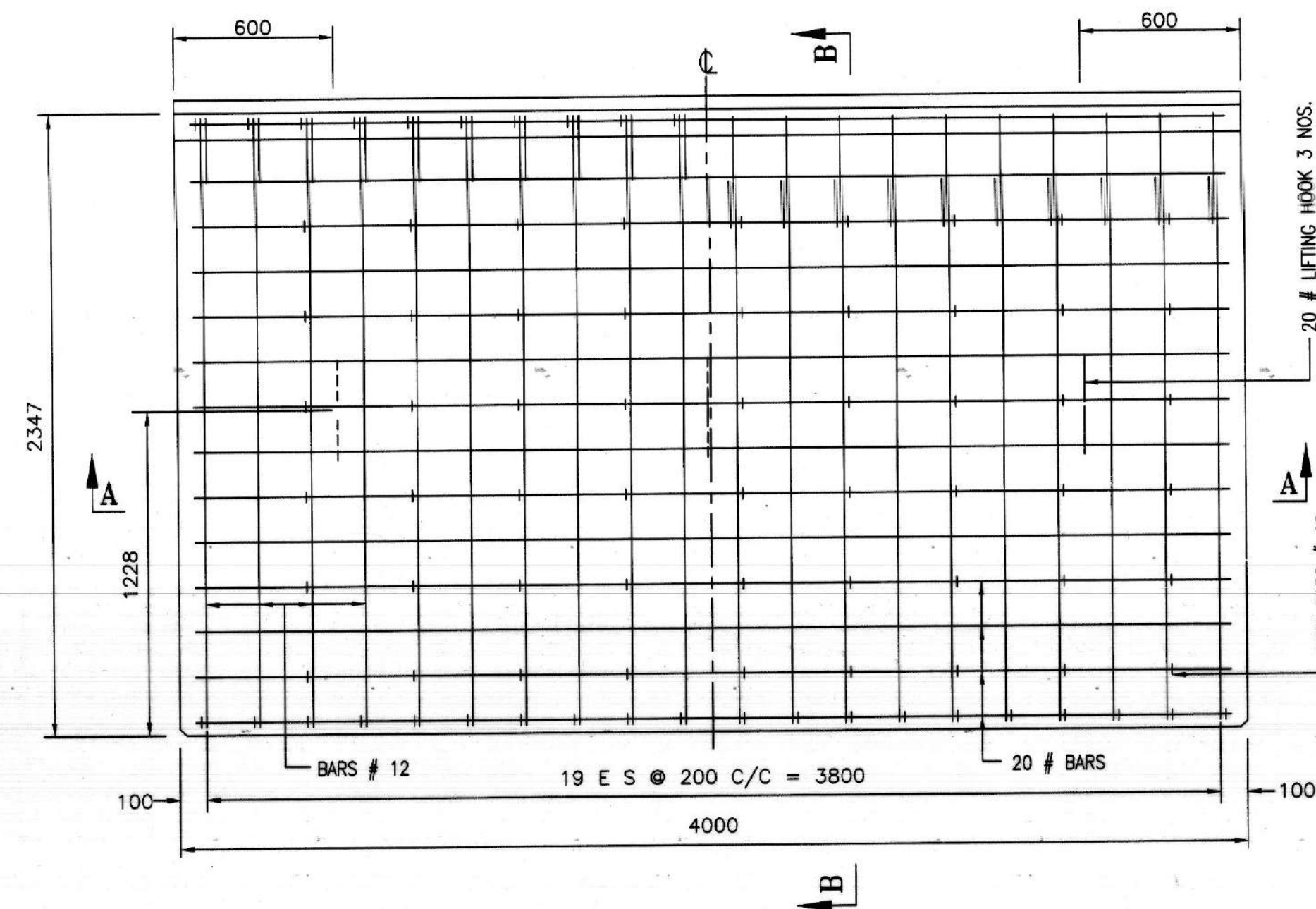




SECTIONAL ELEVATION ON A A

SCALE: 1:20

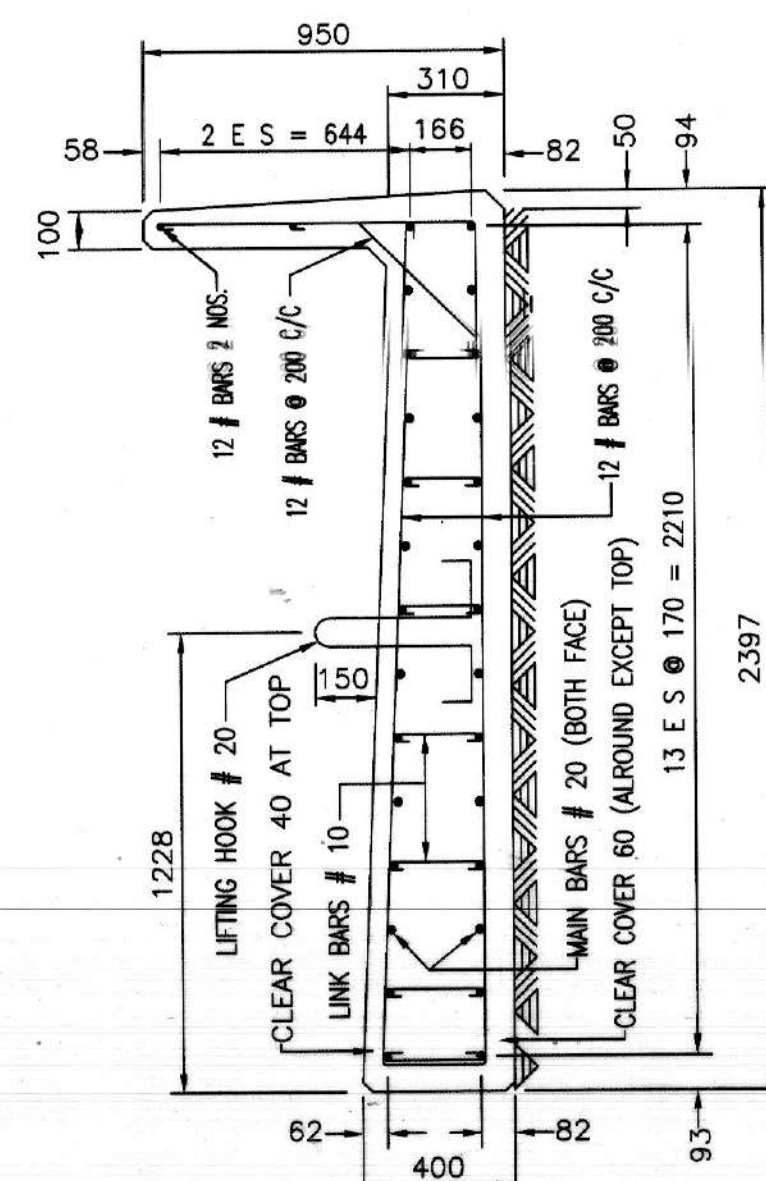


HALF TOP

SECTIONAL PLAN

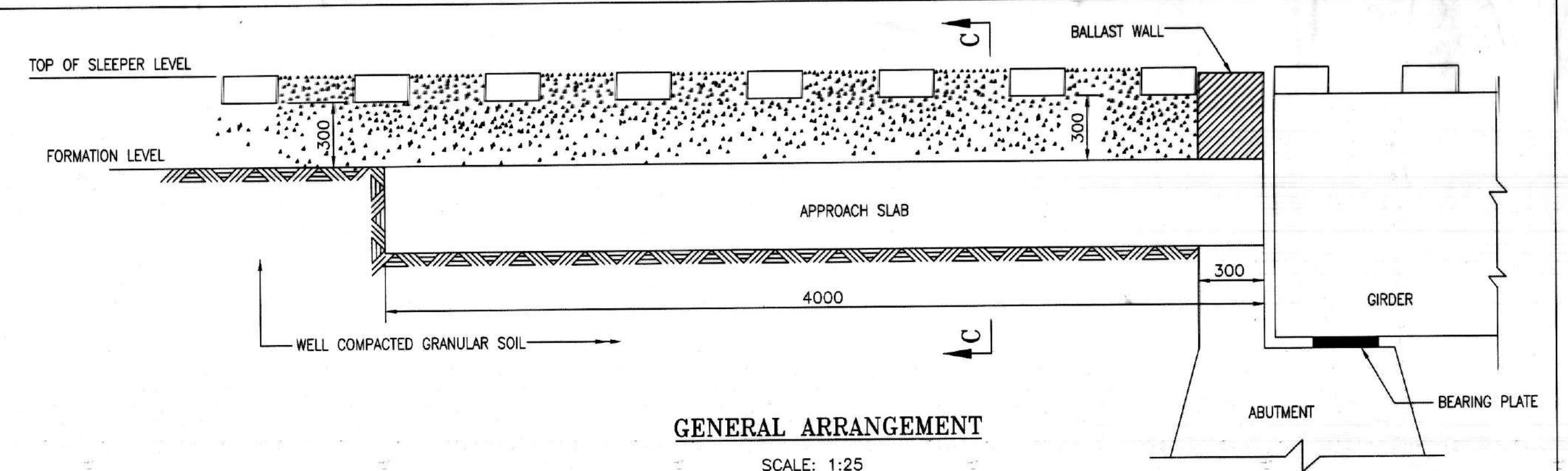
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HALF BOTTOM



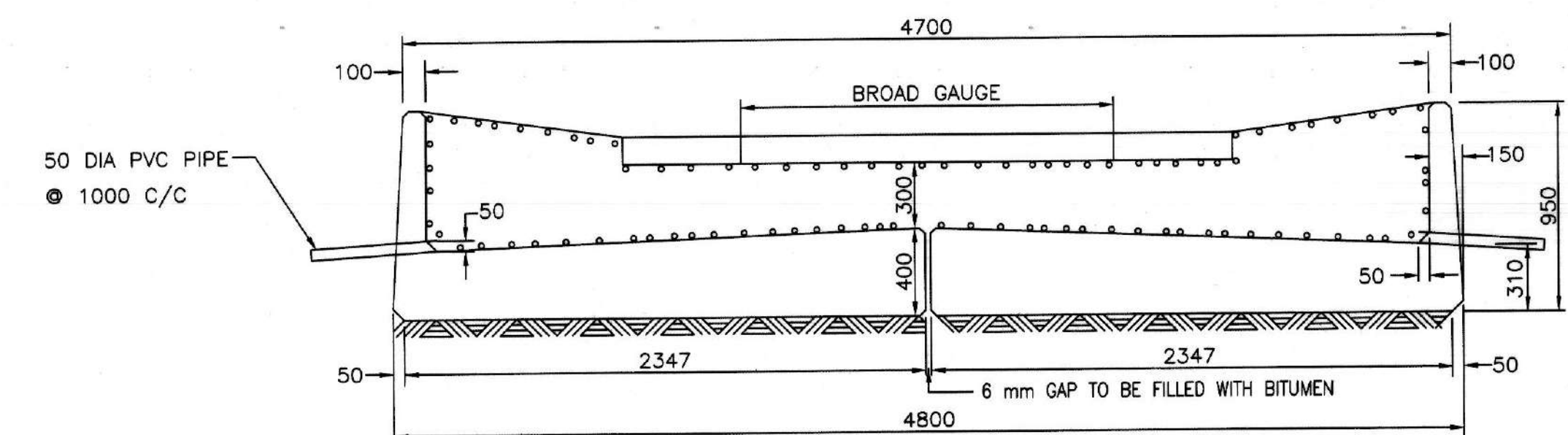
SECTION ON B B

SCALE: 1:20



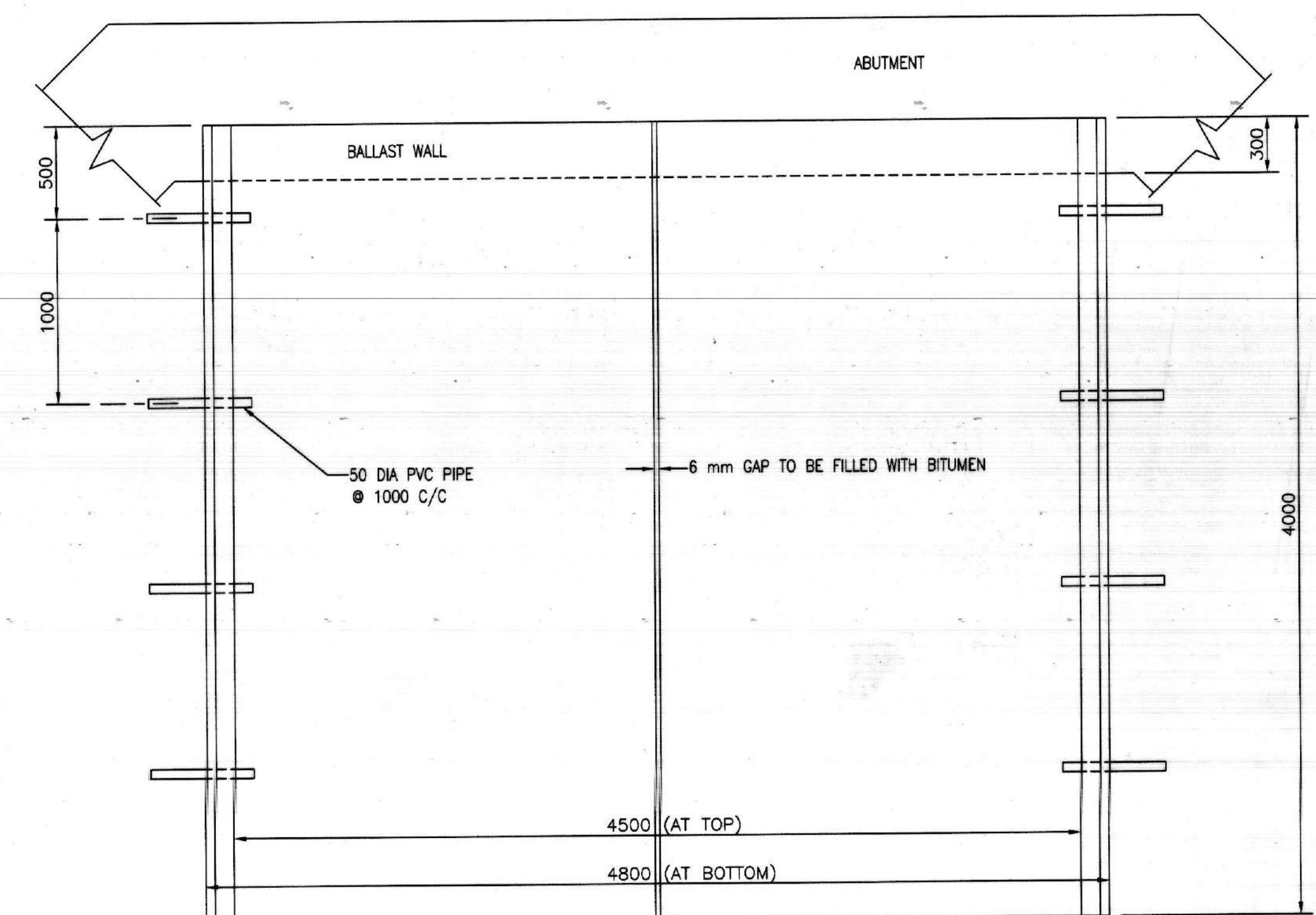
GENERAL ARRANGEMENT

SCALE: 1:25



SECTION ON C C

SCALE: 1:25



PLAN

SCALE: 1:25

- ALL DIMENSIONS ARE IN MILLIMETRES.
- VIBRATED CONTROLLED CONCRETE OF MINIMUM WORKS CUBE STRENGTH OF 25N/sq.mm AT 28 DAYS SHALL BE USED.
- ALL REINFORCEMENT BARS SHALL CONFORM TO IS: 1786-1985.
- SPACINGS OF REINFORCEMENT ARE WITH REFERENCE TO THE CENTRE LINE OF BARS.
- MAXIMUM SIZE OF AGGREGATE TO BE USED IS 20 mm.
- WEIGHT OF REINFORCED CONCRETE IS ASSUMED TO BE 25 kN/cu.m.
- MINIMUM DEPTH OF BALLAST CUSHION BELOW SLEEPER SHALL BE 300 mm.
- ALL CORNERS OF SLAB ARE TO HAVE A CHAMFER OF 25 mm.
- TOP SURFACE OF THE SLAB SHOULD BE GIVEN A FEW COATS OF COALTAR/BITUMEN OR ANY OTHER SUITABLE WATER PROOFING TREATMENT BEFORE LAYING THE TRACK.
- BEFORE PLACING THE APPROACH SLAB, A LAYER OF CEMENT SLURRY WITH CAST-IRON BORINGS SHALL BE PROVIDED ON THE SEATING AREA OF ABUTMENT.
- THESE SLABS ARE SUITABLE FOR CURVES UP TO 10 DEGREE.
- BALLAST CUSHION MAY BE ADJUSTED TO CATER FOR SUPER-ELEVATION WHILE PLACING SLABS ON CURVES.
- DATE OF CASTING AND NAME OF CASTING DEPOT SHOULD BE ENGRAVED ON EACH UNIT.
- SOIL BELOW APPROACH SLAB SHALL BE WELL COMPACTED GRANULAR SOIL AS SPECIFIED IN CLAUSE 7.5.2 OF IRS SUB-STRUCTURE CODE.
- BEARING CAPACITY OF SOIL TAKEN AS 12 t/sq. m.
- THE THICKNESS OF BALLAST WALL SHOULD NOT BE LESS THAN 300mm. IN CASE OF EXISTING BRIDGE BALLAST WALL MAY SUITABLY BE MODIFIED TO ACCOMMODATE APPROACH SLAB.
- JOINT BETWEEN TWO UNITS SHALL BE SEALED WITH HOT BITUMEN BEFORE THE BALLAST IS USED.
- PROPER DRAINAGE ARRANGEMENT SHOULD BE MADE TO DRAIN OUT RAIN WATER AWAY FROM THE FORMATION.
- PRECAST APPROACH SLABS MAY BE PROVIDED ON EXISTING NON BALLASTED BRIDGES AND CAST IN-SITU SLABS MAY BE PROVIDED ON NEW NON BALLASTED BRIDGES.

NOTE

SPECIFICATION

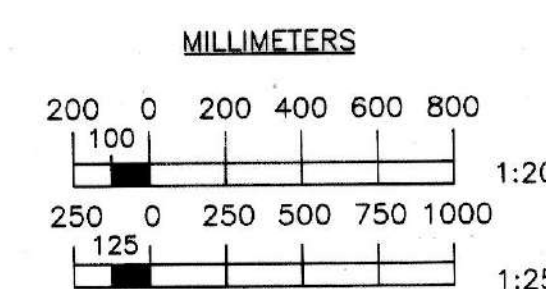
SCALE

ALT

DESCRIPTION

DATE

BRIDGE RULES-1964
IRS BRIDGE SUB-STRUCTURE AND
FOUNDATION CODE-1985
IRS CONCRETE BRIDGE CODE-1962



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अ.अ.मा.सं R.D.S.O	
परिवर्तित बड़ी लाइन भार-1987 के लिए उपयुक्त अप्रोच स्लैब (प्रबलित कंक्रीट) की सामान्य संरचना एवं विवरण GENERAL ARRANGEMENT AND DETAILS OF R.C. APPROACH SLAB (MBG LOADING-1987)	
दिनांक / DATE	25-8-2000
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