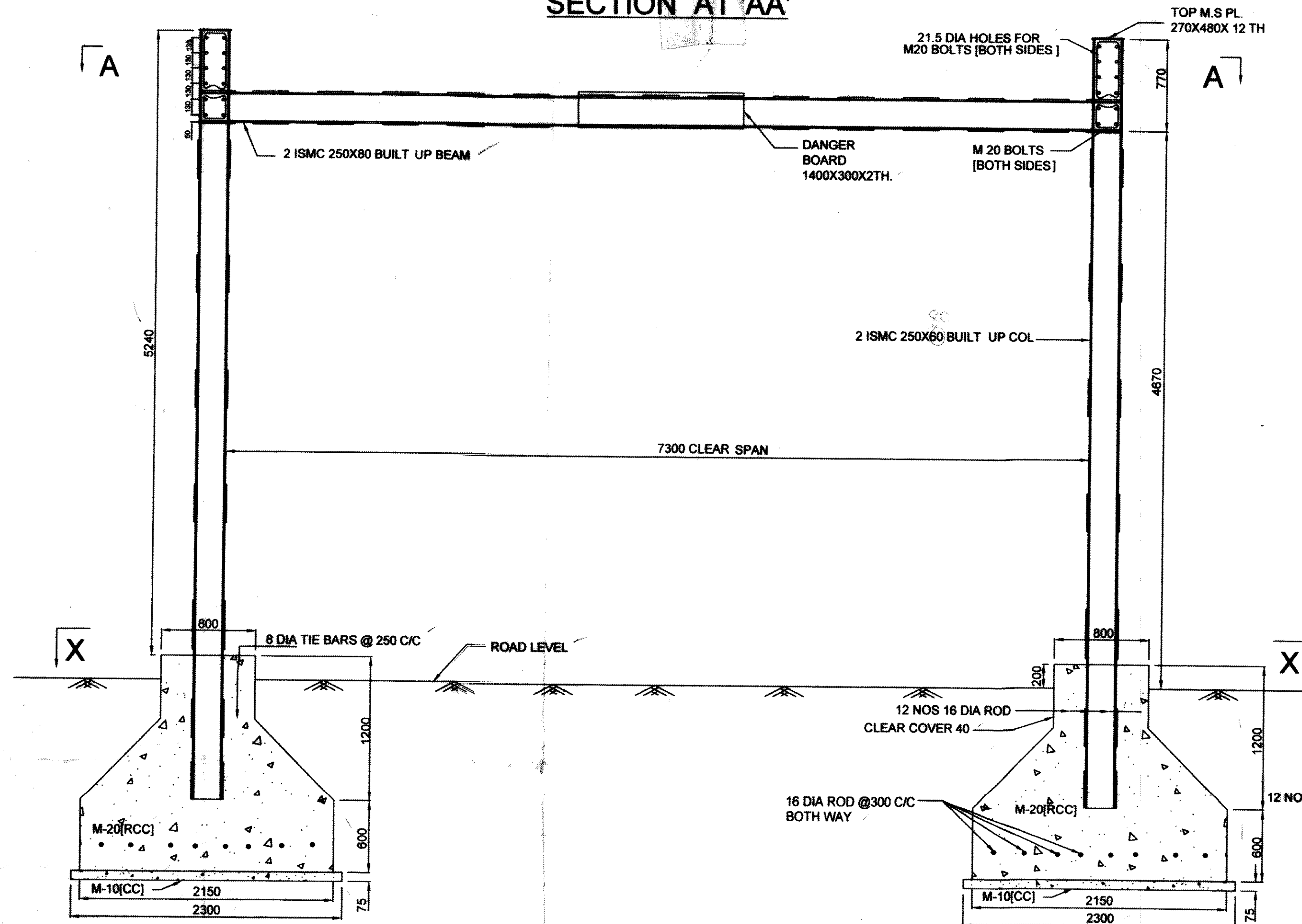
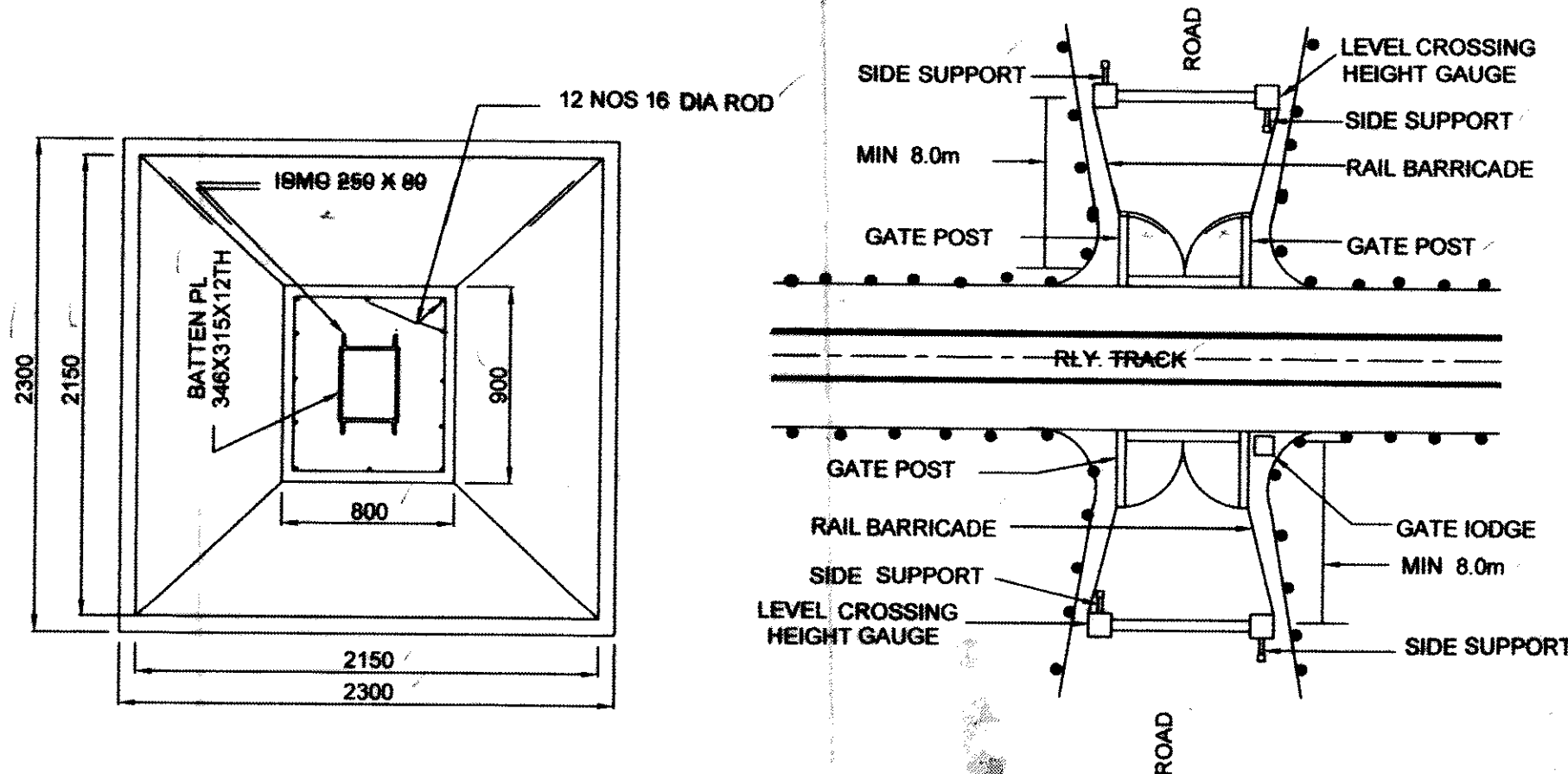
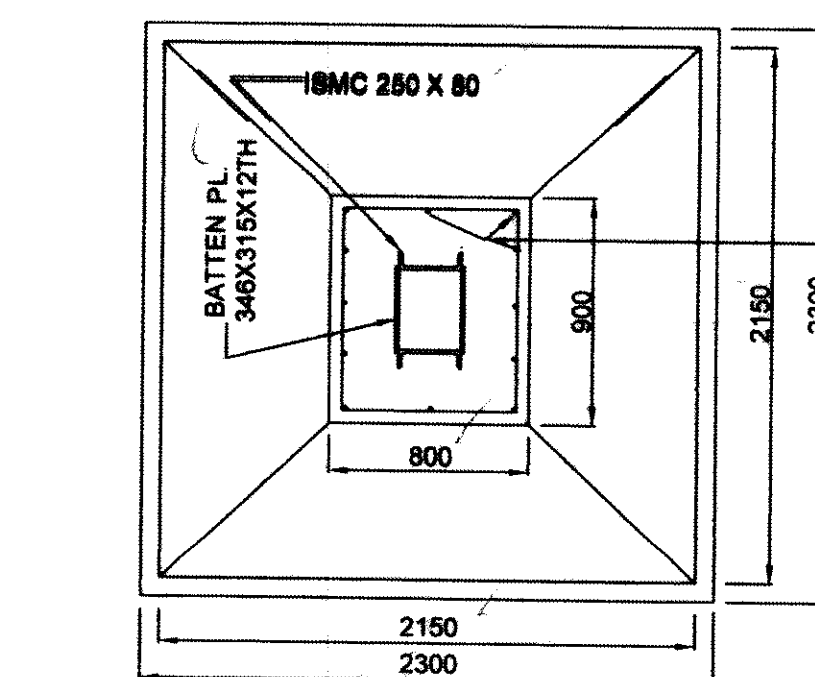


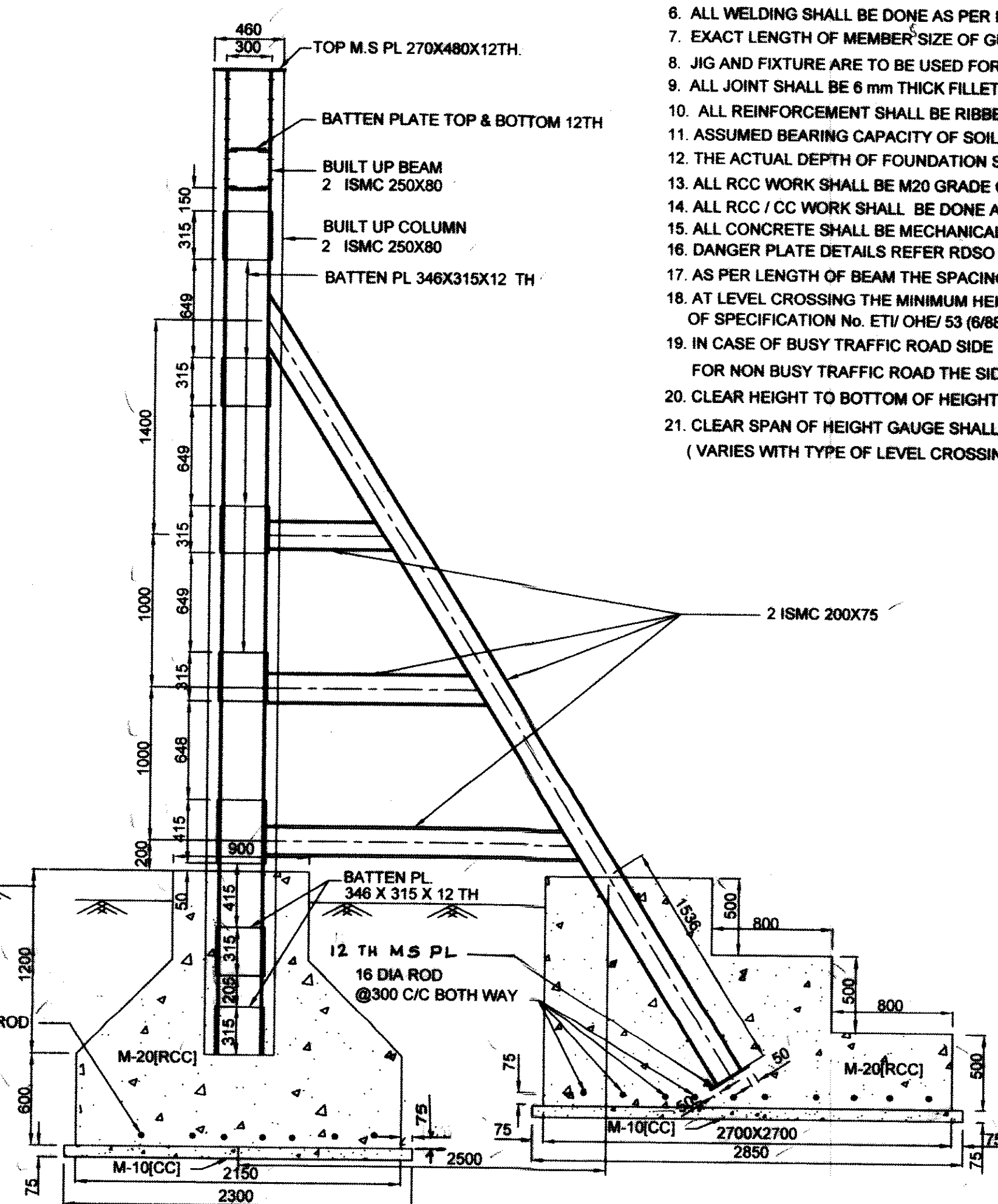
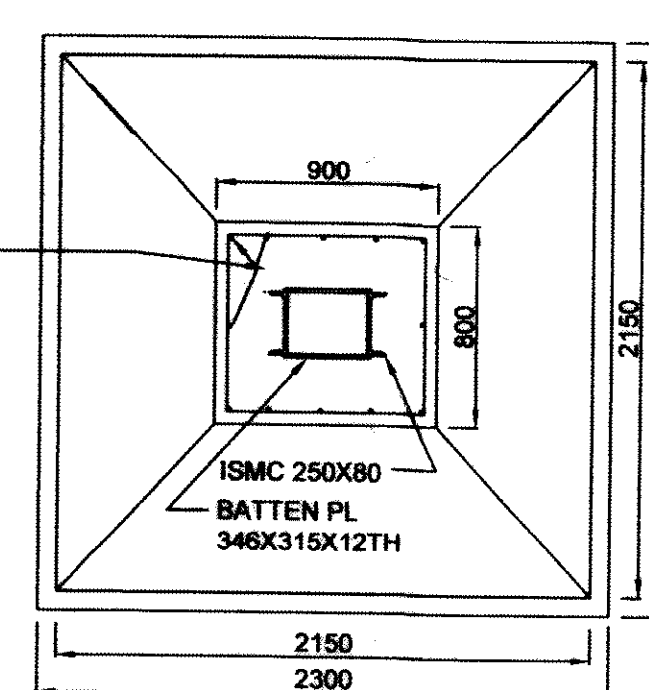
SECTION AT 'AA'



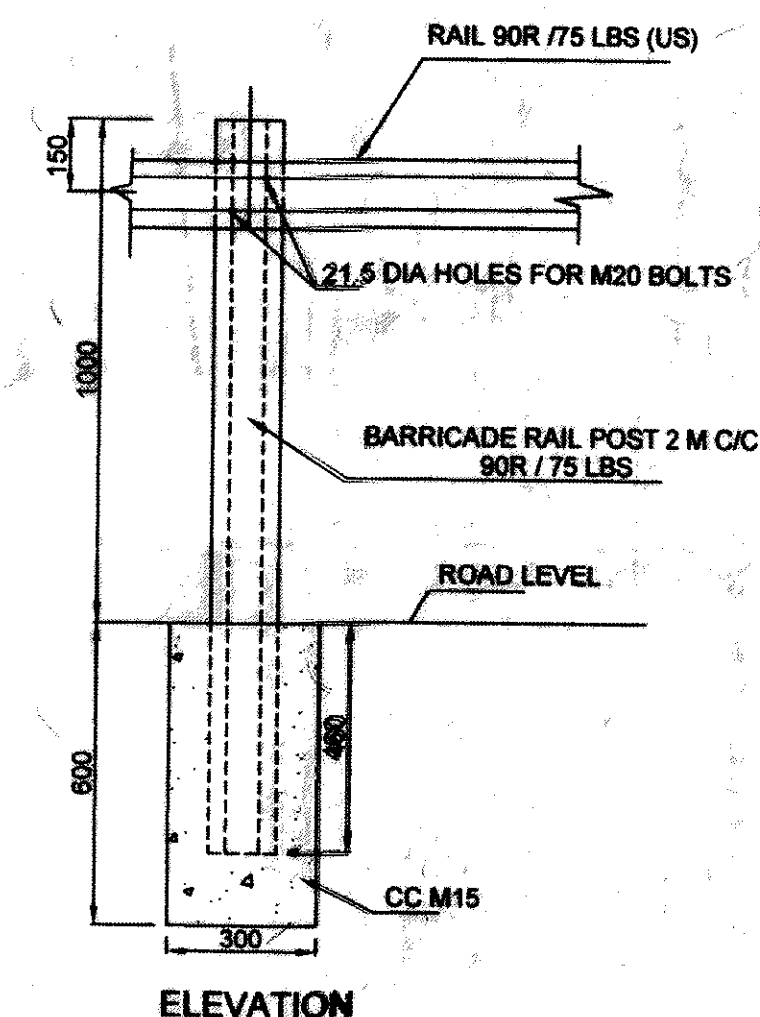
ELEVATION

PLAN AT XX  
DETAIL OF FOUNDATIONTYPICAL KEY PLAN  
(NOT TO SCALE)PLAN AT XX  
DETAIL OF FOUNDATION

SIDE VIEW

DETAILS OF SIDE SUPPORT  
[FOR BUILT UP COLUMNS]

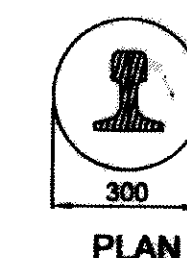
PLAN



DETAILS OF BARRICADE POST

## NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETRES
2. HEIGHT GAUGE SHOULD BE PROVIDED ON THE ROAD CROSSING OF ELECTRIFIED LINES ACCORDING TO PARA. 910 / 4 OF IRPVM
3. TO KEEP A WATCH ON THE APPROACH ROAD SURFACE LEVEL UNDER THE HEIGHT GAUGE A NOTCH MARK TO BE CUT ON THE TWO UPRIGHTS OF THE HEIGHT GAUGE IN ORDER TO FACILITATE THE MAINTENANCE STAFF TO RECTIFY THE ROAD SURFACE LEVEL IF THE ROAD LEVEL GOES DOWN.
4. ALL STEEL WORK SHALL BE AS PER IS : 800 LATEST VERSION.
5. STRUCTURAL STEEL SHALL BE AS PER IS : 2062 GRADE 'A' LATEST VERSION
6. ALL WELDING SHALL BE DONE AS PER IS : 816 LATEST VERSION FOR ELECTRIC ARC WELDING
7. EXACT LENGTH OF MEMBER SIZE OF GUSSET PLATE SHALL BE DETERMINED AS PER TEMPLATE IN THE SHOP SITE OF WORK
8. JIG AND FIXTURE ARE TO BE USED FOR WELDING VARIOUS MEMBERS.
9. ALL JOINT SHALL BE 6 mm THICK FILLET WELDS.
10. ALL REINFORCEMENT SHALL BE RIBBED TORQUE STEEL CONFORMING TO IS : 1786 LATEST VERSION WITH YIELD STRESS OF 415 N/mm<sup>2</sup>
11. ASSUMED BEARING CAPACITY OF SOIL FOR FOUNDATION 10 TON / M<sup>2</sup>
12. THE ACTUAL DEPTH OF FOUNDATION SHALL BE DECIDED BY THE ENGINEER IN CHARGE AT SITE DEPENDING UPON THE STRATA OF SOIL
13. ALL RCC WORK SHALL BE M20 GRADE CONCRETE IN FOUNDATION & PEDESTAL WITH 20 mm GRADE STONE AGGREGATE
14. ALL RCC / CC WORK SHALL BE DONE AS PER IS : 456 WITH LATEST VERSION.
15. ALL CONCRETE SHALL BE MECHANICALLY MIXED AND VIBRATED.
16. DANGER PLATE DETAILS REFER RDSO DRG No. ET/VC/0069 REV C.
17. AS PER LENGTH OF BEAM THE SPACING OF THE BATTEN PLATES MAY BE ADJUSTED AS PER THE DIRECTION OF THE ENGINEER AT SITE
18. AT LEVEL CROSSING THE MINIMUM HEIGHT OF CONTACT WIRE SHALL BE 5.50 M VIDE PARA. 7.2.2 PAGE NO 16 OF SPECIFICATION No. ET/ OHE/ 53 (6/88)
19. IN CASE OF BUSY TRAFFIC ROAD SIDE SUPPORT IN DIRECTION OF TRAFFIC TO BE PROVIDED BOTH UPRIGHT AS SHOWN IN KEY PLAN FOR NON BUSY TRAFFIC ROAD THE SIDE SUPPORT SHALL NOT BE PROVIDED AS PER THE DIRECTION OF ENGINEER AT SITE.
20. CLEAR HEIGHT TO BOTTOM OF HEIGHT GAUGE AT THE CENTRE OF ROAD SURFACE SHOULD NOT EXCEED 4.67 M.
21. CLEAR SPAN OF HEIGHT GAUGE SHALL BE DECIDED AS PER THE CLEAR WIDTH OF GATE POSTS PLUS 0.61 M ON EITHER SIDE (VARIES WITH TYPE OF LEVEL CROSSING, FOR STANDARD WIDTH SEE PARA 160 F OF W.W MANUAL)



PLAN

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**R. D. S. O.**  
STANDARD PLAN  
HEIGHT GAUGE FOR LEVEL CROSSING  
(FOR CLEAR SPAN UPTO 7.3 M)  
DETAILS OF STRUCTURE AND FOUNDATION

T/DRG/CIV/HGAUGE/RDSO/00001/05/0

DRG No. B/GI/711

|                                 |  |  |      |  |                           |   |            |             |           |
|---------------------------------|--|--|------|--|---------------------------|---|------------|-------------|-----------|
| CALCULATION REGISTER No. 1 TO 1 | CALCULATION OF SUBSTRUCTURE CHECKED BY - Sd... | DRAWN IN AUTOCAD BY CHECKED BY - Sd... | NOTE | SCRUTINISED AND CHECKED BY - DD/T1-V Sd... DD/T1-C Sd... | APPROVED BY - ED/T1 Sd... | AUTOCAD FILE NAME - HEIGHT GAUGE NOTIFICATION No. | FLOPPY NO. | FAIR TRACED | DRM/W/SBC |
|---------------------------------|--|--|------|--|---------------------------|---|------------|-------------|-----------|

|                              |                        |
|------------------------------|------------------------|
| IS : 800                     | MILLIMETRES            |
| IS : 816                     | 0 200 400 600 800 1000 |
| IS : 456                     |                        |
| MATERIAL IS : 2062 GRADE 'A' |                        |
| SPECIFICATION                | SCALE 1 : 30           |

ALT DESCRIPTION DATE