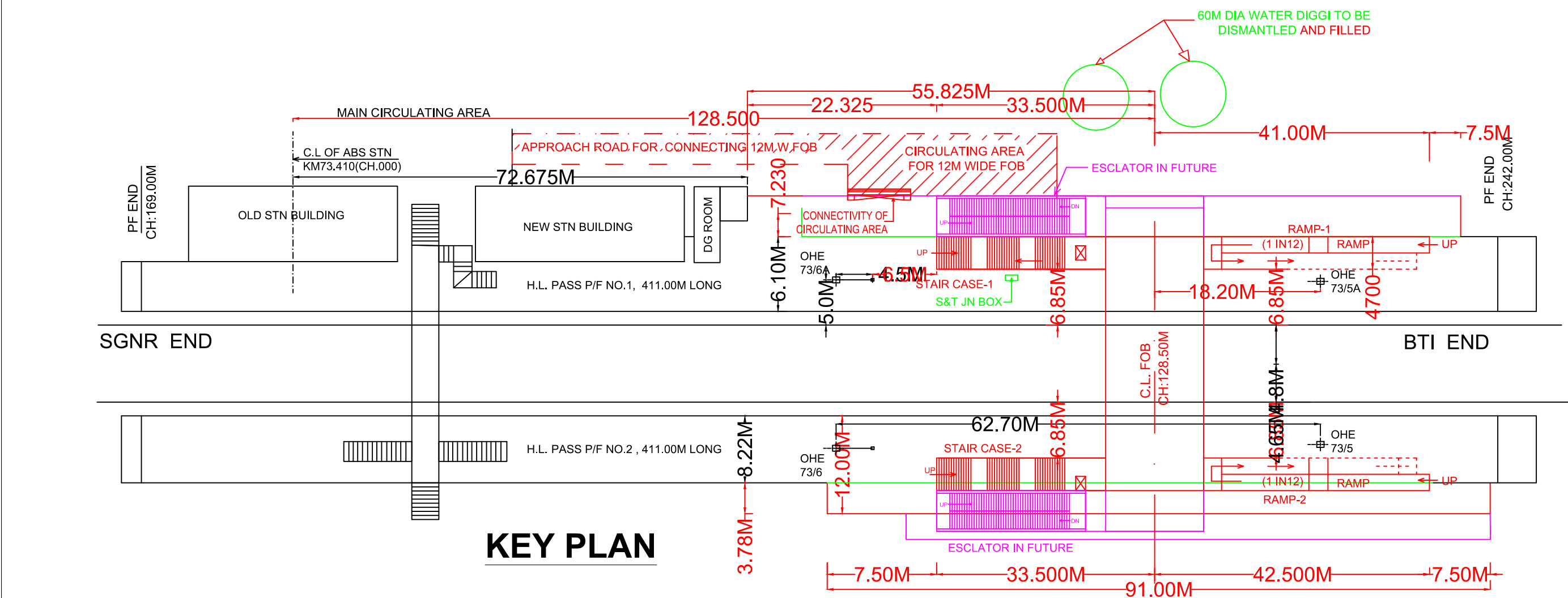
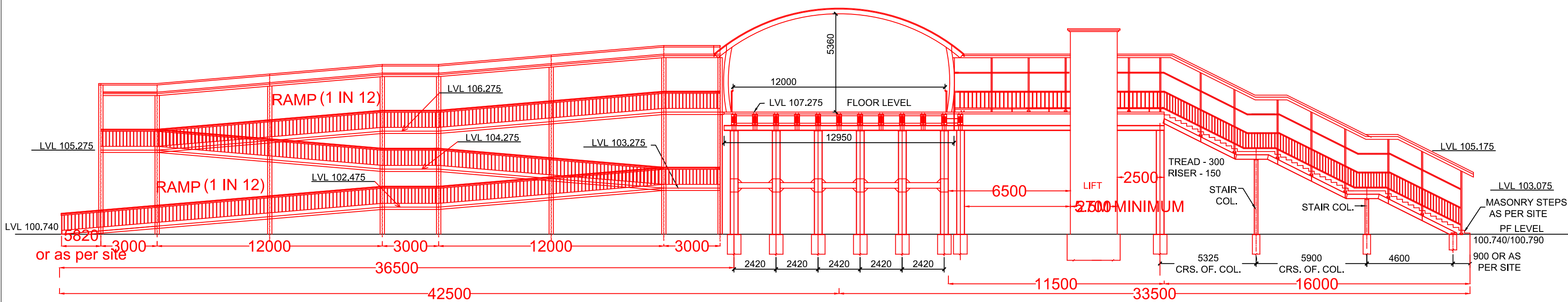


PLAN



KEY PLAN



SECTION AT "C-D"

LEGENDS AS SHOWN IN KEY PLAN:

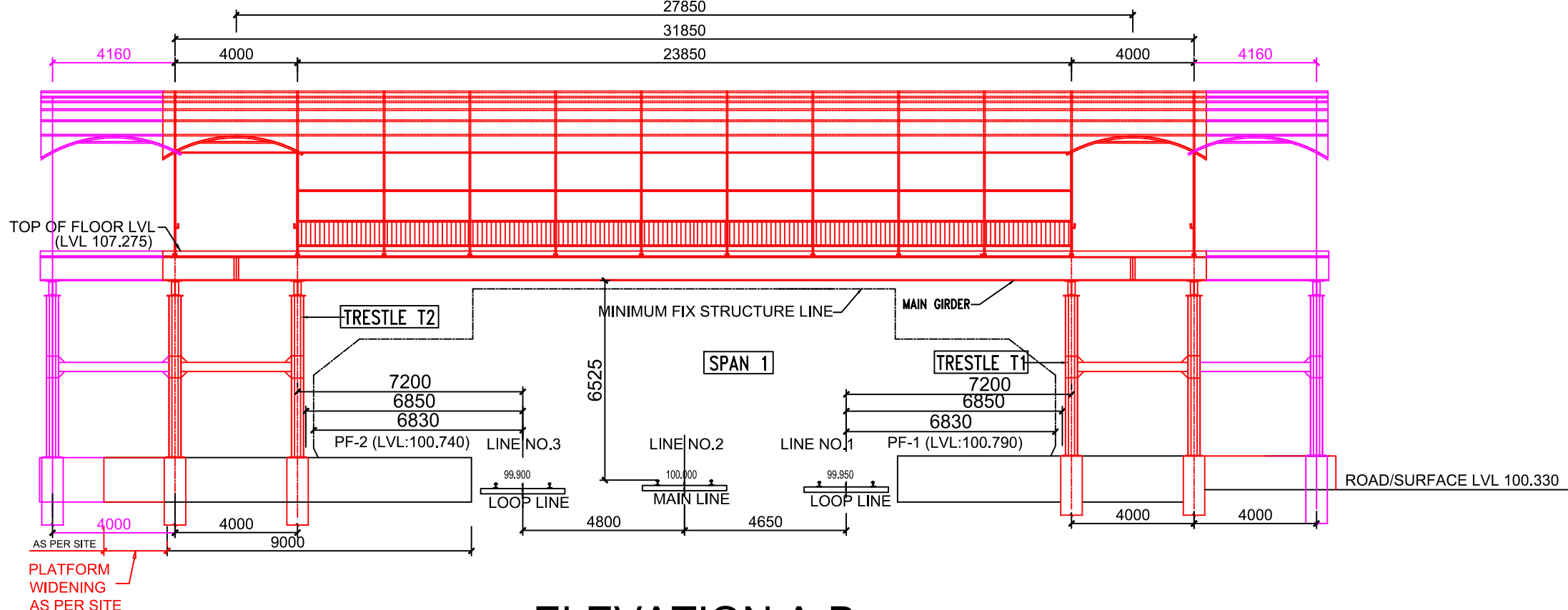
- EXISTING WORK SHOWN IN BLACK  
WORK TO BE DISMANTLED SHOWN IN GREEN  
PROPOSED WORK SHOWN IN RED  
FUTURE WORK SHOWN IN BLUE

PROJECT ID	05.01.53.23.1.61.020
SANCTION YEAR	2023 - 24
SANCTIONING AUTHORITY	UNDER BOARD POWER
SANCTIONED COST	RS. 11.6134 CR
EXECUTING AUTHORITY	CPM/GS/UMB (GATI SHAKTI)
PLAN HEAD	53
JUSTIFICATION	
Abohar is an important "BGS-4" category station and also district headquarter of Punjab state. This station is famous for its commercial, historical and political activities in its surrounding area. Many important trains are halting at this station. During the current year 1222 no. of passengers originated per day from Abohar station resulting in the earning of Rs. 1,16,000/- per day. The average footfall of passengers at this station is 2445/- per day.	
Station has been proposed for upgradation under Amrit Bharat station scheme. To cater the needs of the city for next 40-45 years under Amrit Bharat station scheme, provision of 12m wide FOB has been envisaged to serve as roof plaza with facilities such as suitable seating for passengers, retail kiosks and other amenities of passenger amenities specific to the station under consideration. It is proposed that execution of this proposed FOB will be completed in financial year 2024-25.	

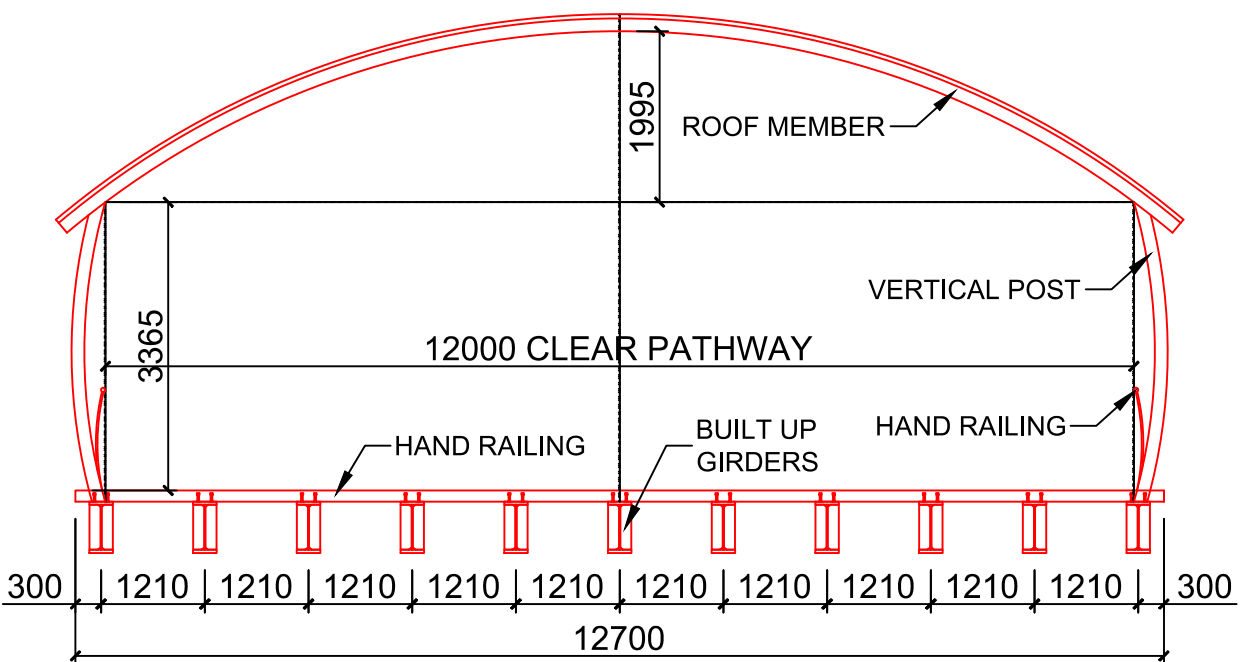
NOTES CONTINUED:-

42. ALL INSTRUCTIONS/GUIDE LINES AND SPECIFICATIONS GIVEN IN REFERRED RDSO DRAWINGS SHALL BE FOLLOWED IN TRUE SPIRIT.
43. THICKNESS OF DECK SLAB AND FLOOR FINISH SHALL NOT EXCEED 150MM.
44. BEFORE EXECUTION OF WORK i.e. EXCAVATION OF FOR FOUNDATION & FABRICATION OF STEEL WORKS CONCERNED S/D/ENDEN SHALL ENSURE THAT THERE IS NO MISMATCH IN GAD W.R.T. SITE & THERE IS NO INFRINGEMENT TO SOD. PROPER LAY OUT AS PER GAD SHALL ALSO BE MARKED AT SITE. AT THE PROPOSED LOCATION TO VERIFY THE CORRECTNESS OF GAD W.R.T. SITE. IF THERE IS ANY AMBIGUITY IN GAD W.R.T. SITE, THE SAME SHOULD BE BROUGHT IN NOTICE OF NO BRIDGE DESIGN CELL.
45. PCE SANCTION SHALL BE OBTAINED BY THE EXECUTING AGENCY BEFORE COMMENCEMENT OF WORK OF FOB AS WELL AS LAUNCHING OF GIRDERS.
46. THE VALUE OF LIVE LOAD IS TAKEN AS 490 KG/M<sup>2</sup> AS PER IRS BRIDGE RULES. CARE SHOULD BE TAKEN IN FIELD THAT THE VALUE OF LIVE LOAD & IMPOSED LOAD SHALL NOT BE EXCEED ITS DESIGN VALUE.

REFERRED DRAWINGS		REFERENCE DRG. NO.
S.NO.	DESCRIPTION	RDSO/B-10438
1.	GAD 12.00M WIDE FOB	
2.	DETAIL OF MAIN GIRDER-1	RDSO/B-10438/1
3.	DETAIL OF MAIN GIRDER-2	RDSO/B-10438/2
4.	DETAIL OF SPICE JOINT, CAMBER DIAGRAM & WELDING SEQUENCE	RDSO/B-10438/3
5.	DETAILS OF CROSS GIRDER	RDSO/B-10438/4
6.	DETAILS OF MAIN COLUMN AND TRESTLE	RDSO/B-10438/5
7.	DETAILS OF ROOFING DECK SLAB FOR MAIN SPAN AND STAIR CASE	RDSO/B-10438/6
8.	DETAILS OF STAIR CASE	RDSO/B-10433/5-6
9.	DETAILS OF FOUNDATION OF TRESTLE COLUMN OF STAIR & RAMP	AS PER DESIGN
10.	DETAILS OF LIFT	NRHQE/PLAN NO. P-208/19/03/SHEET NO.14
11.	DETAILS OF RAMP	RDSO/B-10433/7-8
12.	DETAILS OF LIFT DECK P/F	AS PER DESIGN



ELEVATION A-B



SECTION AT X-Y  
AS PER RDSO/B-10438/R1

FEASIBILITY CERTIFICATE

EXISTING LAY OUT AND PROPOSAL HAS BEEN CHECKED AT SITE  
FOUND CORRECT AND FEASIBLE

Sd/- Sd/- Sd/- Sd/- Sd/- Sd/- Sd/- Sd/-  
SSE/W/ABS SSE/PW/ABS SSE/TRD SSE/P SSE/SAT T/SEC CM/SEC ADEN/BTI

NR DIVL. PLAN NO. FOB-84/ABS-2023/UMB

NRHQE PLAN No. FB-109/UMB

NOTES:-

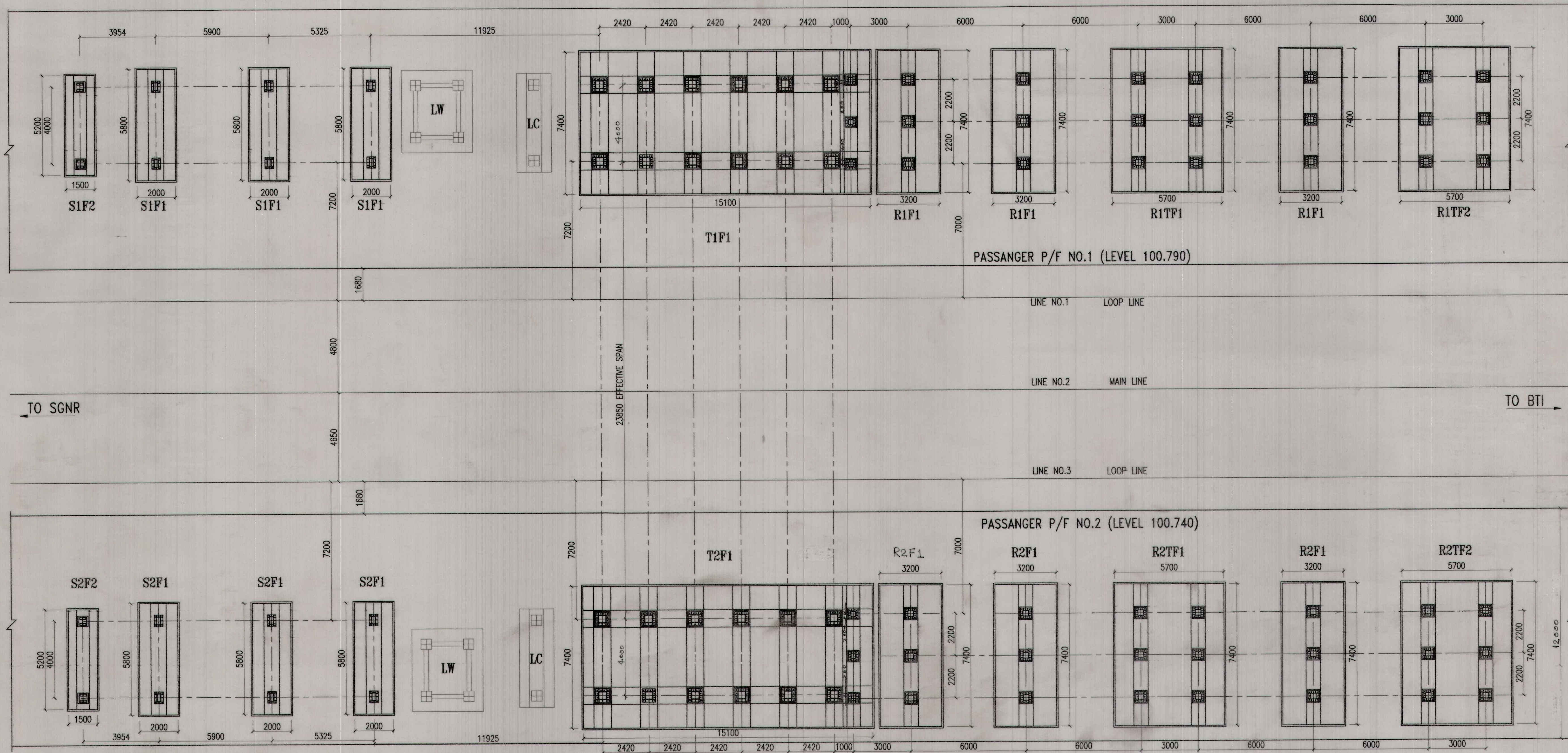
1. ALL DIMENSIONS ARE IN MILLIMETRES & LEVELS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
2. DO NOT SCALE. FOLLOW WRITTEN DIMENSIONS ONLY.
3. PCE SANCTION SHALL BE OBTAINED BEFORE EXECUTION OF WORK.
4. LOADING SHALL BE AS PER RDSO SPECIFICATIONS.
5. ALL DIMENSIONS ARE AS PER ACTUAL EXISTING DATA AT SITE.
6. ANY OBSTRUCTION AT SITE SHALL BE REMOVED BEFORE COMMENCEMENT OF WORK.
7. LIVE LOAD ON FOB HAS BEEN TAKEN IN ACCORDANCE WITH CLAUSE 2.3.1 OF IRS BRIDGE RULE.
8. WIND LOAD ON FOR HAS BEEN TAKEN IN ACCORDANCE WITH CLAUSE 2.1.1 (OF IRS BRIDGE RULE. MAXIMUM WIND PRESSURE IS TAKEN AS 75 Kg/m<sup>2</sup>.
9. THE VALUE OF LIVE LOAD IS TAKEN AS 490 KG/M<sup>2</sup> AS PER IRS BRIDGE RULES. CARE SHOULD BE TAKEN IN FIELD THAT THE VALUE OF LIVE LOAD & IMPOSED LOAD SHALL NOT EXCEED ITS DESIGN VALUE.
10. FOR DESIGN OF FOUNDATION THE DESIGN LOADS MENTIONED IN RDSO DRG NO. RDSO/B-10438 SHOULD BE TAKEN.
11. ALL RCC WORK TO BE DONE IN ACCORDANCE WITH SPECIFICATIONS LAID DOWN IN IRS CONCRETE BRIDGE CODE.
12. ALL CEMENT CONC. IS TO BE MECHANICALLY MIXED & VIBRATED.
13. CONCRETE MIX SHALL BE AS PER DESIGN FOR FOUNDATION AND M-35 FOR PRECAST RCC DECK SLAB.
14. HSD/MTM BARS CONFORMING TO IS 1786-2000 SHALL BE USED.
15. BEFORE COMMENCEMENT OF WORK LAYOUT OF FOOT OVER BRIDGE SHALL BE MARKED TO AVOID ANY INFRINGEMENT TO S.O.D.
16. MINOR MODIFICATIONS MAY BE DONE AT SITE/WORKSHOP IN CONSENT WITH ENGINEER INCHARGE.
17. PROTECTIVE SCREEN WILL BE PROVIDED AT THE LOCATION OF ALL ELECTRIFIED LINES AS PER RDSO DRG. NO. ETVC/0068.
18. ALL STEEL WORKS SHALL BE AS PER IRS STEEL BRIDGE CODE.
19. ALL STEELWORKS FOR ORDERS SHALL BE E350, GRADE A AS PER IS 2062-2011. RECTANGULAR OR SQUARE HOLLOW STRUCTURAL PIPES OF GRADE VST 310 OR HIGHER TO BE USED AS PER IS 4923-1997.
20. NECESSARY PROTECTION SHOULD BE DONE & ENGG. INDICATORS DISPLAYED IN ACCORDANCE WITH P. WAY MANUAL PARA 807 & 808.
21. MAIN LINE (LINE NO. 2) IS HIGHEST TRACK WHOSE LEVEL HAS BEEN ASSUMED AS 100.00 M.
22. SOIL BEARING CAPACITY SHOULD BE CONFIRMED BY CONDUCTING PLATE LOAD TEST BEFORE EXECUTION. ALLOWABLE BEARING CAPACITY OF SOIL SHALL BE TAKEN AS PER DESIGN OF FOUNDATION. IF SITE SOIL IS HAVING LOWER BEARING CAPACITY, THE FOUNDATION DESIGN SHOULD BE ALTERED WITH THE APPROVAL OF COMPETENT AUTHORITY.
23. FABRICATION TO CONFORM TO IS 81-2001 SPECIFICATION & IRS WELDED BRIDGE CODE.
24. ALL WELDS TO CONFORM TO IS 15816:1989 & IS-9595.
25. AUTOMATIC SUBMERGED ARC WELDING (SAW) SHOULD BE DONE IN FILLET WELDS OF CONNECTION OF FLANGE TO WEB OF MAIN GIRDER. OTHER WELDS SHOULD ALSO BE DONE BY SUBMERGE ARC WELDING TO THE MAXIMUM EXTENT POSSIBLE. FCWV OR GMAW WELDING MAY BE DONE IN CASES WHERE SAW WELDING IS NOT POSSIBLE.
26. ALL BOLTS ARE OF STEEL WITH Fy = 250 MPA, UNLESS OTHERWISE STATED.
27. SEISMIC ZONE-IV EXPOSURE CONDITION-MODERATE, BASIC WIND SPEED-IV ie 39M/S.
28. FLOORING MATERIAL FOR STAIRS & GANGWAY WOULD BE BURNT GRANITE WITH GROOVED LINING, ROOF TRUSS WITH TUBULAR MEMBER, ALL STEEL MEMBERS WILL BE GALVANISED. ROOFING MATERIAL SHALL BE AS PER RDSO DRAWING SPECIFICATIONS.
29. HAND RAILING SHOWN IN THESE DRAWINGS IS INDICATIVE ONLY. IMPROVED TYPE OF SIDE RAILING WITH STAINLESS STEEL MATERIAL OR TOUGHENED GLASS MAY BE ADOPTED. SIDE RAILING SHOULD BE AESTHETICALLY GOOD AND ERGONOMIC. ENGINEER-IN-CHARGE SHOULD DECIDE ABOUT THE SIDE RAILINGS TO BE PROVIDED, CONSIDERING THESE FACTORS.
30. THE STRUCTURE OF GIRDER AND FOB TO BE EXECUTED BY BRIDGE WORKSHOP ON WORK ORDER FROM OPEN LINE AFTER APPROVAL OF GAD.
31. THE STRUCTURE OF FOB TO BE AS PER AS PER REFERENCED RDSO DRAWINGS.
32. ROOFING SHALL BE 1 MM THICK ZINC COATED CORRUGATED G.S. SHEET.
33. STRUCTURES AND PROJECTIONS.
34. ALL DIMENSIONS ARE IN MILLIMETRES & LEVELS ARE IN METERS UNLESS OTHERWISE LAUNCHING SCHEME WILL BE PREPARED IN DUE TIME AND APPROVAL FROM HQ WILL BE OBTAINED.
35. LENGTH OF WALKWAY TO BE PROVIDED WITH TACTICAL GUIDING AND WARNING BLOCKS. WALKWAY SHOULD ALSO BE FREE OF OBSTRUCTIONS AND PROJECTIONS.
36. LIFT SIZE AND WIDENING/EXTENSION OF PASS/P/F WILL BE DECIDED AS PER SITE CONDITION.
37. ACTUAL OUTER DIMENSION OF LIFT WILL BE KEPT AS PER SEPARATE GAD/PLAN FOR LIFT WORK TO BE PREPARED BY ELECTRICAL BRANCH.
38. FEASIBILITY OF THE STRUCTURE SHALL BE CHECKED AT SITE IN EVERY RESPECT BY ENGINEER/ INCHARGE BEFORE FABRICATION/ ERECTION. IF THERE IS ANY CONFUSION/AMBIGUITY IN DIFFERENT DIMENSIONS PROVIDED IN THESE DRAWINGS, A FULL SCALE LAY OUT SHOULD BE PREPARED FOR THE VERIFICATION OF THE SAME BEFORE START OF EXECUTION OF THE WORK.
39. BEFORE THE FABRICATION WORK IS TAKEN UP, GIRDER PIECES TO BE FABRICATED/ALONG WITH ITS EXACT DIMENSIONS AND THEIR SHALL BE WORKED OUT. MOREOVER, EXACT DIMENSIONS AND THEIR NUMBERS OF OTHER COMPONENTS SUCH AS BRACINGS, X- GIRDERS, MAIN COLUMNS, ETC. SHALL ALSO BE WORK OUT IN ORDER TO AVOID ANY PROBLEM AT LATER STAGE.
40. EXCAVATED EARTH SHALL NOT BE USED FOR BACK FILLING AROUND FOUNDATIONS. ALL BACK FILLING SHALL BE CARRIED OUT USING GRANULAR EARTH (MOORUM). BACK FILLING SHALL BE LAID IN LAYERS NOT EXCEEDING 300MM AND SHALL BE COMPACTED TO 85% PROCTOR DENSITY AT OMC.
41. ALL HOLLOW COLUMNS SHALL BE FILLED WITH SELF COMPACTING CONCRETE OF MINIMUM GRADE OF M20. THIS FILLING IS DONE TO ENSURE FIRE SAFETY AND PROTECTION FROM INSIDE CORROSION. STRUCTURE DESIGN IS SAFE WITHOUT THIS FILLING.

Signature block HQ	
CBE	BRAJBHUSHAN SINGH TOMAR Digitally signed by BRAJBHUSHAN SINGH TOMAR Date:2023.10.16 03:33:14 +05'30'
CE-SD	MONA SRIVASTAVA Digitally signed by MONA SRIVASTAVA Date:2023.09.06 04:44:37 +05'30'
CCM-NR	BARJESH DHARMANI Digitally signed by BARJESH DHARMANI Date:2023.09.06 12:44:22 +05'30'
DY.CE-BD	SANJIV KUMAR GARG Digitally signed by SANJIV KUMAR GARG Date:2023.10.16 02:28:40 +05'30'
DY.CE-SD	KAUSHAL KISHORE SHARMA Digitally signed by KAUSHAL KISHORE SHARMA Date:2023.09.05 04:32:36 +05'30'

Signature block Division	
DRM-UMB	MANDEEP SINGH BHATIA Digitally signed by MANDEEP SINGH BHATIA Date:2023.08.03 05:27:19 +05'30'
ADRM-INFRA-UMB	GUNINDER SINGH NARANG Digitally signed by GUNINDER SINGH NARANG Date:2023.08.03 01:13:21 +05'30'
CPM-GS-UMB	VINOD KUMAR SINGH Digitally signed by VINOD KUMAR SINGH Date:2023.08.03 01:06:43 +05'30'
SRDEN-CO-UMB	ATUL Digitally signed by ATUL Date:2023.08.03 11:07:32 +05'30'
SRDOM-UMB	SAMARTH GUPTA Digitally signed by SAMARTH GUPTA Date:2023.08.01 04:44:41 +05'30'
SRDCM-UMB	NAVEEN KUMAR Digitally signed by NAVEEN KUMAR Date:2023.08.02 11:10:17 +05'30'
SRDSTE-UMB	ATESH KUMAR Digitally signed by ATESH KUMAR Date:2023.08.02 01:21:43 +05'30'
SRDEE-TRD-UMB	ANKUR JAIN Digitally signed by ANKUR JAIN Date:2023.08.02 11:19:13 +05'30'
SRDEE-G-UMB	MANISH NARWAL Digitally signed by MANISH NARWAL Date:2023.08.01 06:08:22 +05'30'
SRDEN-2-UMB	Rajinder Kumar Digitally signed by Rajinder Kumar Date:2023.08.01 05:01:18 +05'30'

AMBALA DIVISION	
GENERAL ARRANGEMENT PLAN FOR PROPOSED 12.0 M WIDE FOOT OVER BRIDGE AT ABOHAR STATION UNDER AMRIT BHARAT STATION SCHEME ON BTI-SGNR SECTION	
SCALE:-	
N.R.DIVL.CASE NO.	
N.R.H.Q.E. CASE NO.	
NR DIVL. PLAN NO. FOB-84/ABS-2023/UMB	
NRHQE PLAN No. FB-109/UMB	





# NOTES:-

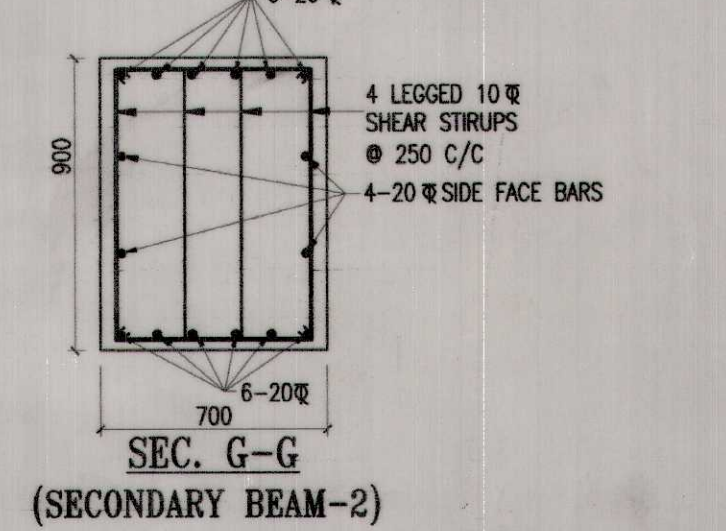
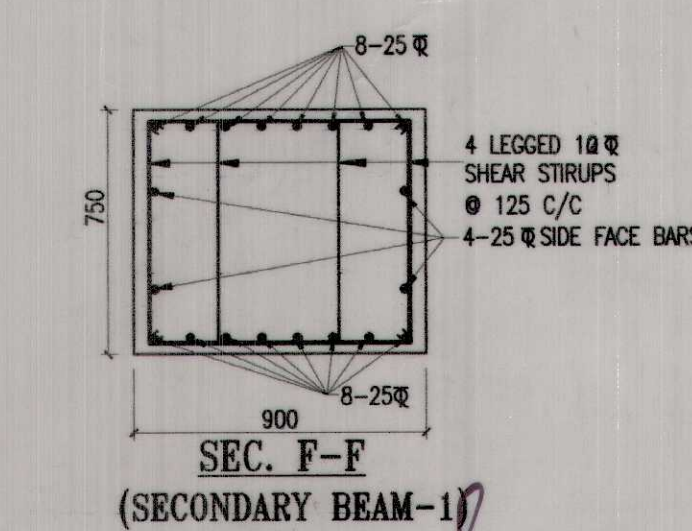
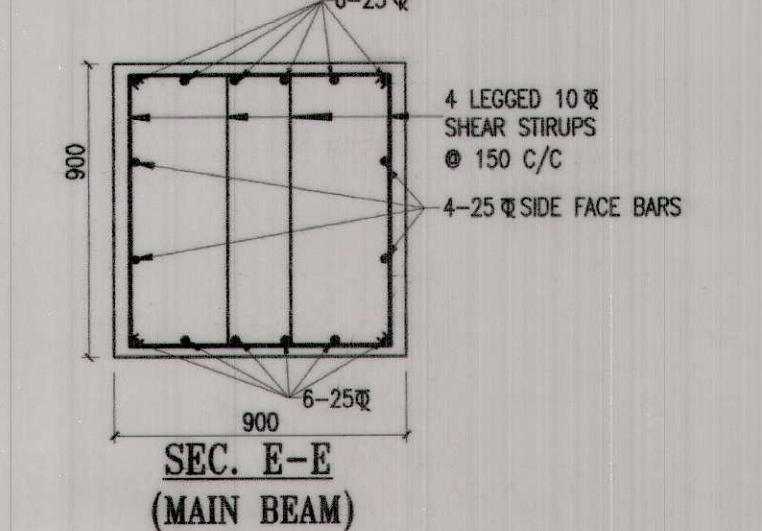
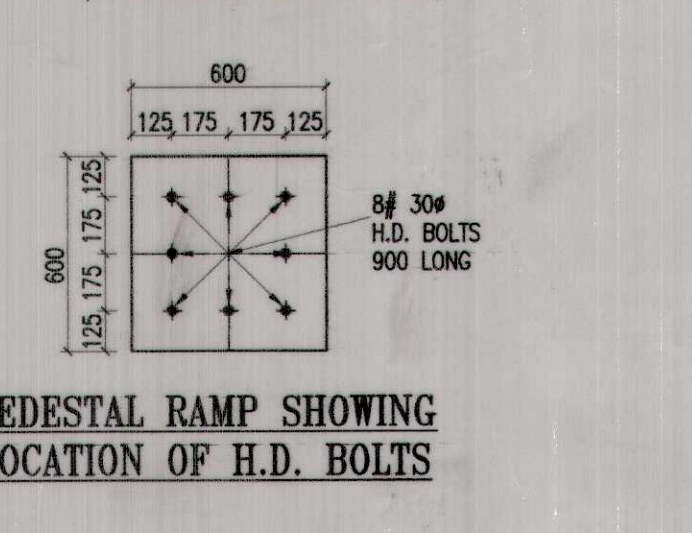
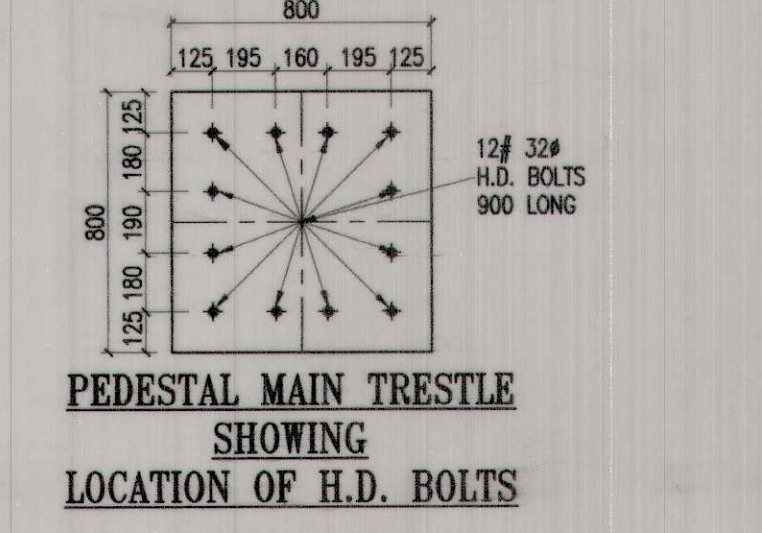
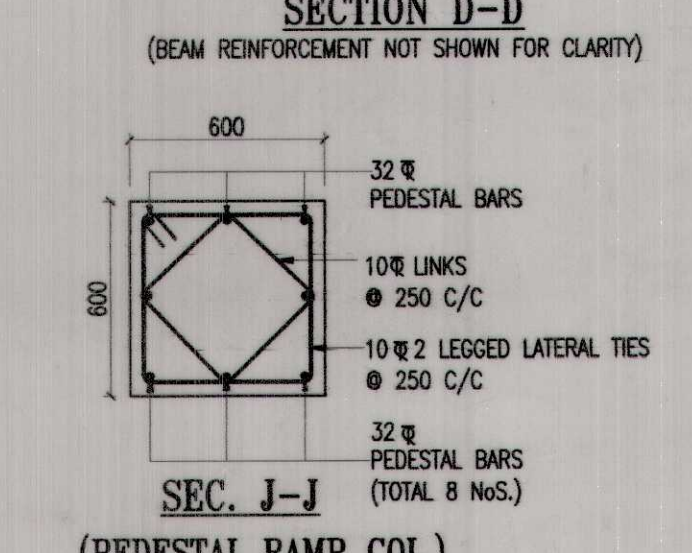
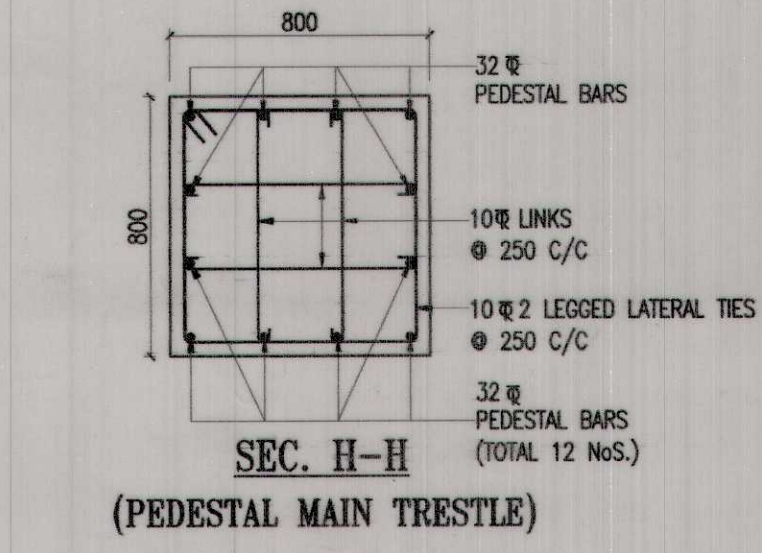
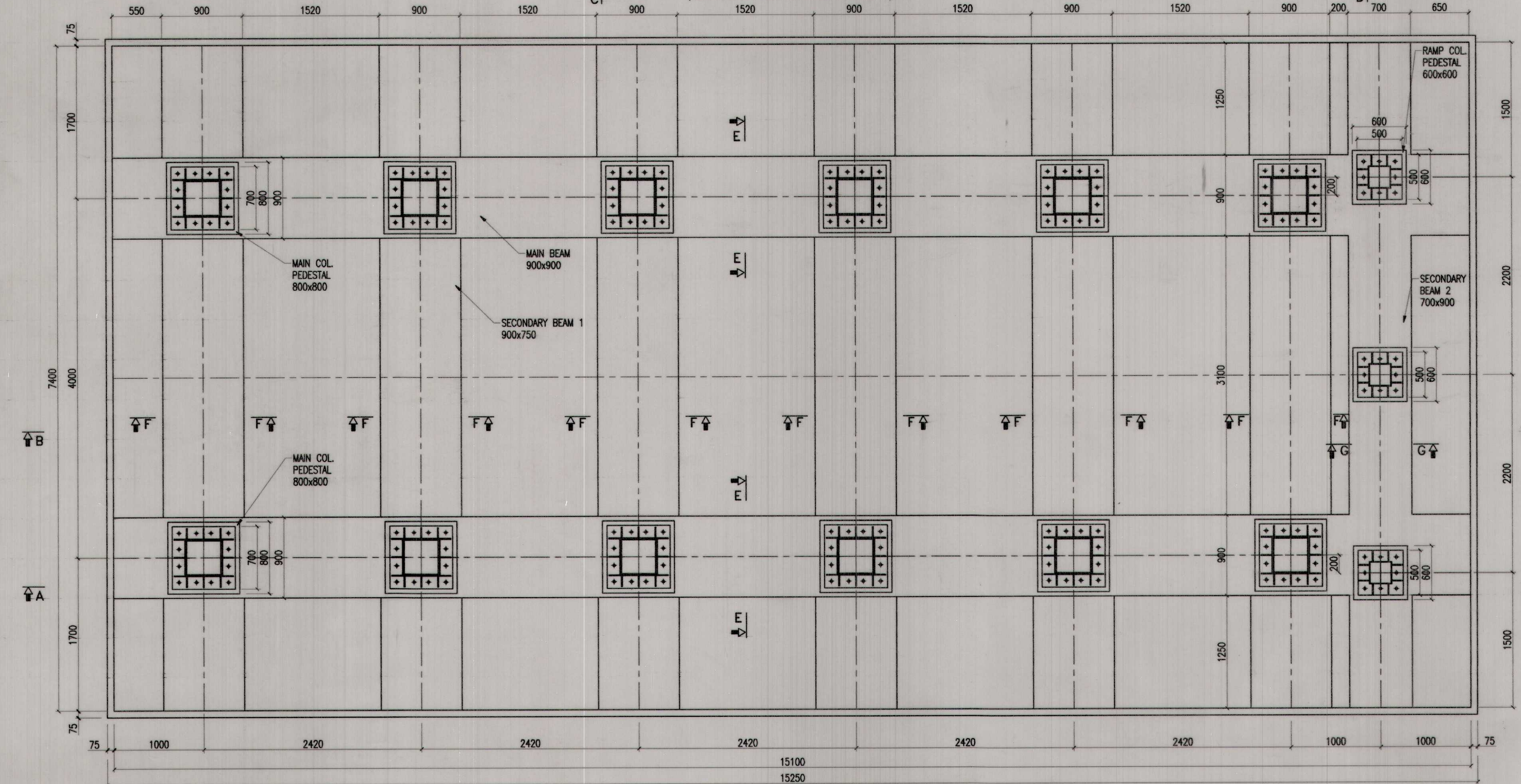
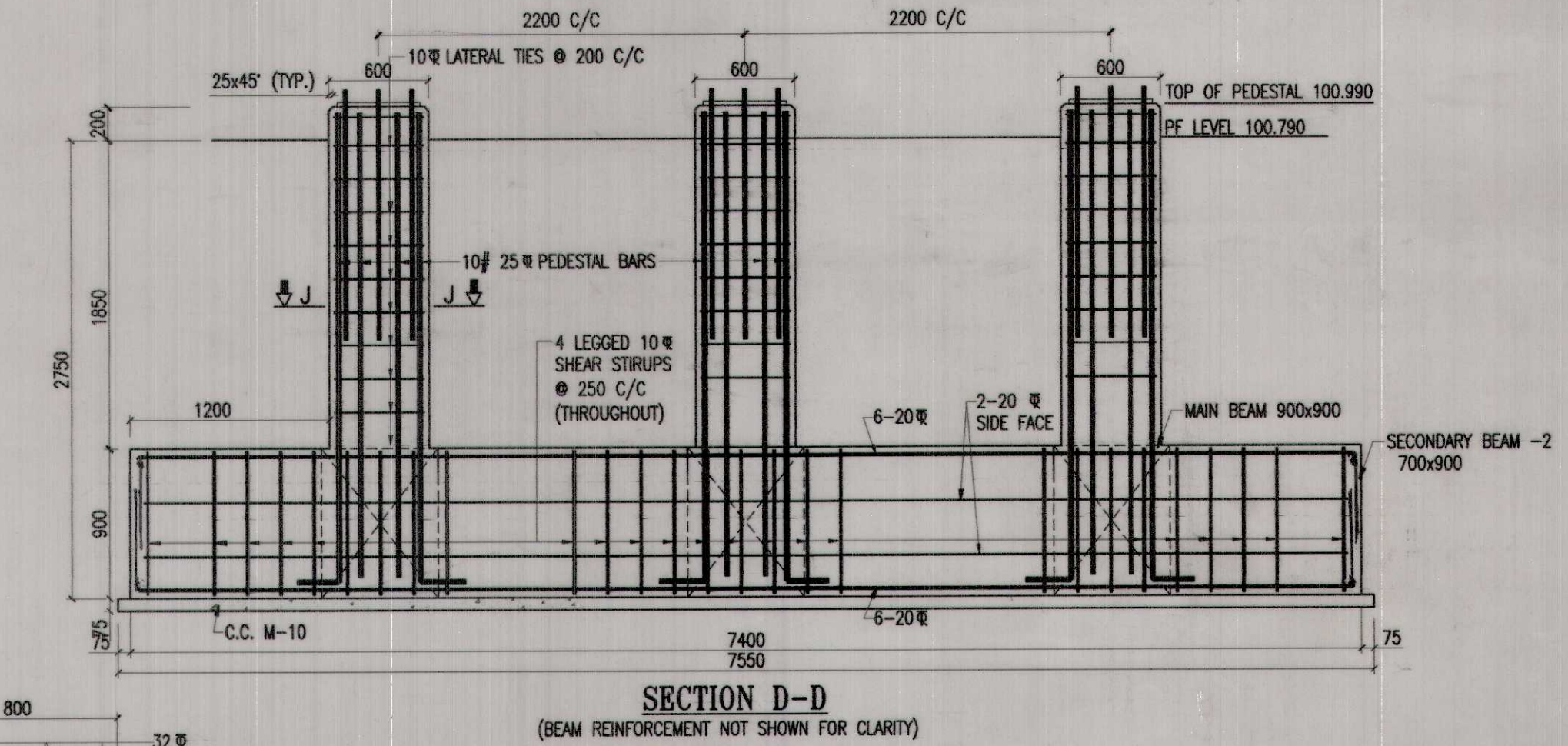
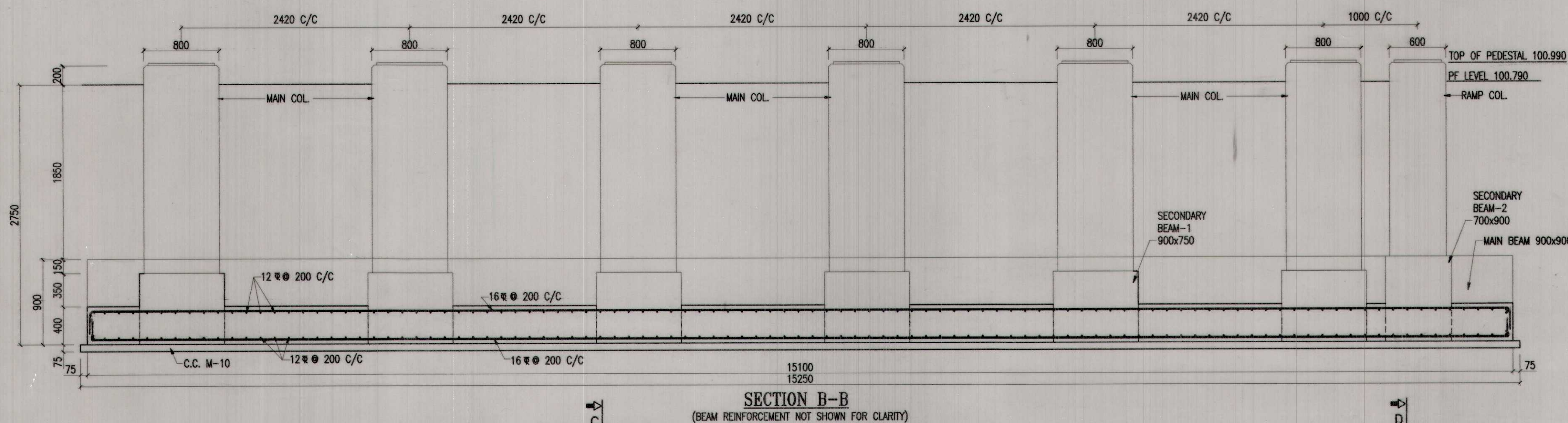
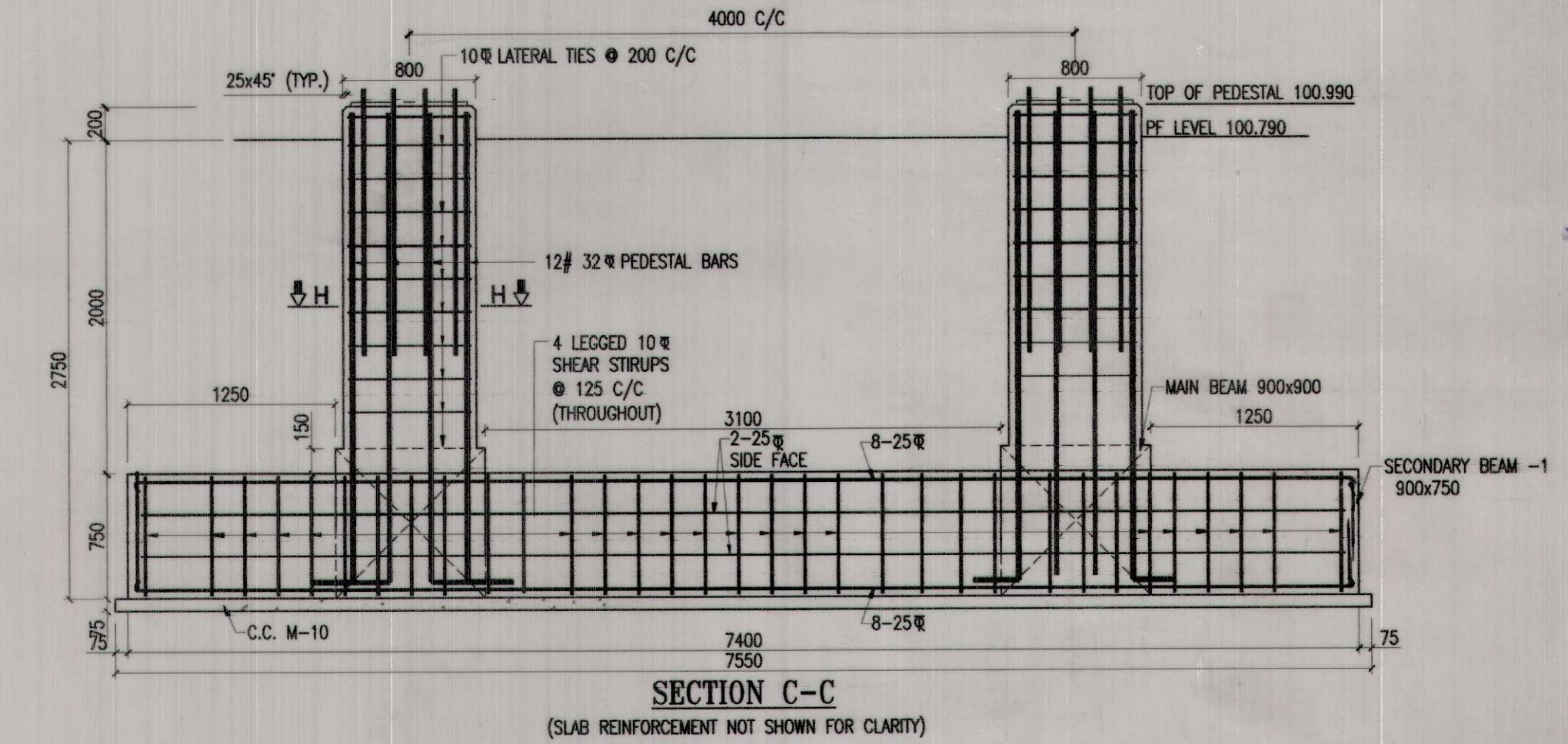
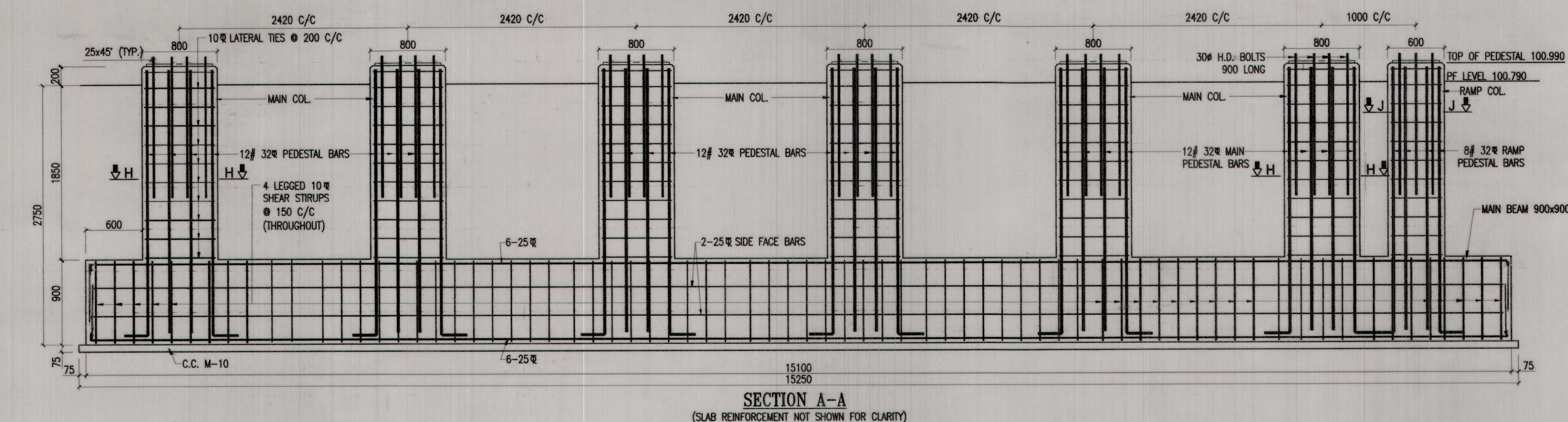
- ALL DIMENSIONS ARE IN MILLIMETERS & LEVELS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
- DO NOT SCALE, FOLLOW WRITTEN DIMENSION ONLY.
- FOUNDATION PLAN IS BASED ON APPROVED GAD i.e. NRHQE PLAN NO. FB-109/UMB.
- FEASIBILITY OF THE FOUNDATIONS TO BE VERIFY BY THE ENGINEER IN CHARGE BEFORE EXCAVATION OF FOUNDATIONS
- ALL R.C.C. WORK IS TO BE DONE IN ACCORDANCE WITH LATEST NORTHERN RAILWAY SPECIFICATIONS & IRS CONC. BRIDGE CODE CORRECTED UP TO DATE.
- PARTICULAR CARE MUST BE TAKEN TO ENSURE THAT:
  - NO SAG OCCURS IN REINFORCEMENT DURING EXECUTION OF WORK.
  - MINIMUM 50 mm CLEAR COVER TO REINFORCEMENT TO BE MAINTAINED IN FOUNDATION & PEDESTAL.
  - LAP LENGTH WHERE BARS OBTAINED ARE OF SHORTER LENGTH MUST NOT BE LESS 42 TIMES DIA OF BAR.
- ALL CEMENT CONC. IS TO BE MECHANICALLY MIXED AND VIBRATED.
- ALL BINDERS/STIRRUPS/LINKS SHALL BE EFFECTIVELY TIED WITH MAIN REINFORCEMENT BARS.
- VIBRATED CONTROLLED CONCRETE OF MINIMUM COMPRESSIVE STRENGTH OF 250 KG/Cm<sup>2</sup> (M-25) TO BE USED FOOTING EXCEPT COL. PEDESTALS. FOR COL. PEDESTALS, CONC. OF GRADE (M-30) 300 KG/Cm<sup>2</sup> TO BE USED.
- NET BEARING CAPACITY OF SOIL IS 6.28 T/m<sup>2</sup> AS PER SOIL REPORT IT SHOULD BE RE-CONFORMED AT THE TIME OF EXECUTION.
- HSD/TMT BARS OF GRADE Fe-500 CONFORMING TO IS:1786-2000 SHALL BE USED.
- ENGINEER INCHARGE SHOULD ENSURE THE LOCATIONS/DIA/LENGTH OF HOLDING DOWN BOLTS DURING CONCRETING OF FOUNDATIONS. HOLDING DOWN BOLTS SHOULD BE PLACED PROPERLY AT DESIRED LOCATIONS AND MATCH WITH THE BASE PLATE OF COLUMNS.
- DEPTH OF FOUNDATION BELOW GROUND LEVEL SHOWN IN DRAWING FOR DIFFERENT FOUNDATIONS IS THE MINIMUM GRIP LENGTH OF FOOTING IN THE GROUND. IF ANY LOCATION THE GROUND IS FOUND LOWER THAN THE GROUND LEVEL SHOWN IN THE DRAWING, THEN BOTTOM OF FOUNDATION SHOULD BE ACCORDINGLY LOWERED TO HAVE MINIMUM GRIP LENGTH.
- READ THIS DRAWING IN CONJUNCTION WITH OTHER RELEVANT SHEETS.

FOR	SEE
GENERAL ARRANGEMENT	NRHQE PLAN NO. FB-109/UMB
FOUNDATION LAYOUT PLAN	SHEET No-2
DETAIL OF TRESTLE FOUNDATION	SHEET No-3A, 3B
DETAIL OF STAIRCASE FOUNDATIONS	SHEET No-4
DETAIL OF RAMP FOUNDATIONS	SHEET No-5A, 5B
FOUNDATION OF LIFT COLUMN (LC)	BASED ON PLAN NO. NRHQE(P)-266-FB/2016 SHEET NO. 1
FOUNDATION OF LIFT WELL (LW)	BASED ON PLAN NO. NRHQE(P)-266-FB/2016 SHEET NO. 2

S.NO.	REVISION	DATE	APPROVED

AGENCY	SR.DEN/UMB SR.DEN/UMB ADEN/BTI SSE/W/ABS	CBE (BBS TOMAR) DY.CE/DO (K.K. Singh) AXEN/BO SSE/DESIGN SSE/DRG	<b>AMBALA DIVISION</b> PROPOSED 12.0 M WIDE FOOT OVER BRIDGE AT ABOHAR RAILWAY STATION UNDER AMRIT BHARAT STATION SCHEME ON BTI-SGMR SECTION <b>FOUNDATION LAYOUT PLAN</b> DIVL. PLAN NO. F08-84/ABS-2023/UMB/SHEETS.1 NRHQE PLAN No. <b>FB-109/UMB</b> SCALE:-1:35 (SHEET No-2)
DESIGN & DRAWING			





**NOTES:-**

- ALL DIMENSIONS ARE IN MILLIMETERS & LEVELS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
- DO NOT SCALE, FOLLOW WRITTEN DIMENSION ONLY.
- FOR OTHER NOTES REFER SHEET NO. 1
- READ THIS DRAWING IN CONJUNCTION WITH RELEVANT SHEETS.

FOR	SEE
GENERAL ARRANGEMENT	NRHQ PLAN NO. FB-109/UMB
FOUNDATION LAYOUT PLAN	SHEET No-2
DETAIL OF TRESTLE FOUNDATION	SHEET No-3A, 3B
DETAIL OF STAIRCASE FOUNDATIONS	SHEET No-4
DETAIL OF RAMP FOUNDATIONS	SHEET No-5A, 5B

AGENCY	DESIGN & DRAWING	REVISION
PANKAJ INFRA CONTRACTOR Visual Inspection AUTH. SIGNATORY	SR. DEN/C/UMB SR. DEN/C/UMB ADEN/BN SSE/W/ABS	CBE (B.B.S. TEMAR) DY. CE/BD (AKP. GARG) AXEN/BD SSE/DESIGN SSE/DRG.
DIVISIONAL OFFICERS HQ. OFFICERS		AMBALA DIVISION PROPOSED 12.0 M WIDE FOOT OVER BRIDGE AT ABOHAR RAILWAY STATION UNDER AMRIT BHARAT STATION SCHEME ON BTI-SGMR SECTION DIVL. PLAN NO. F08-84/ABS-2023/UMB/SHEET-2 NRHQ PLAN No. FB-109/UMB SCALE-1:35 (SHEET No-3A)

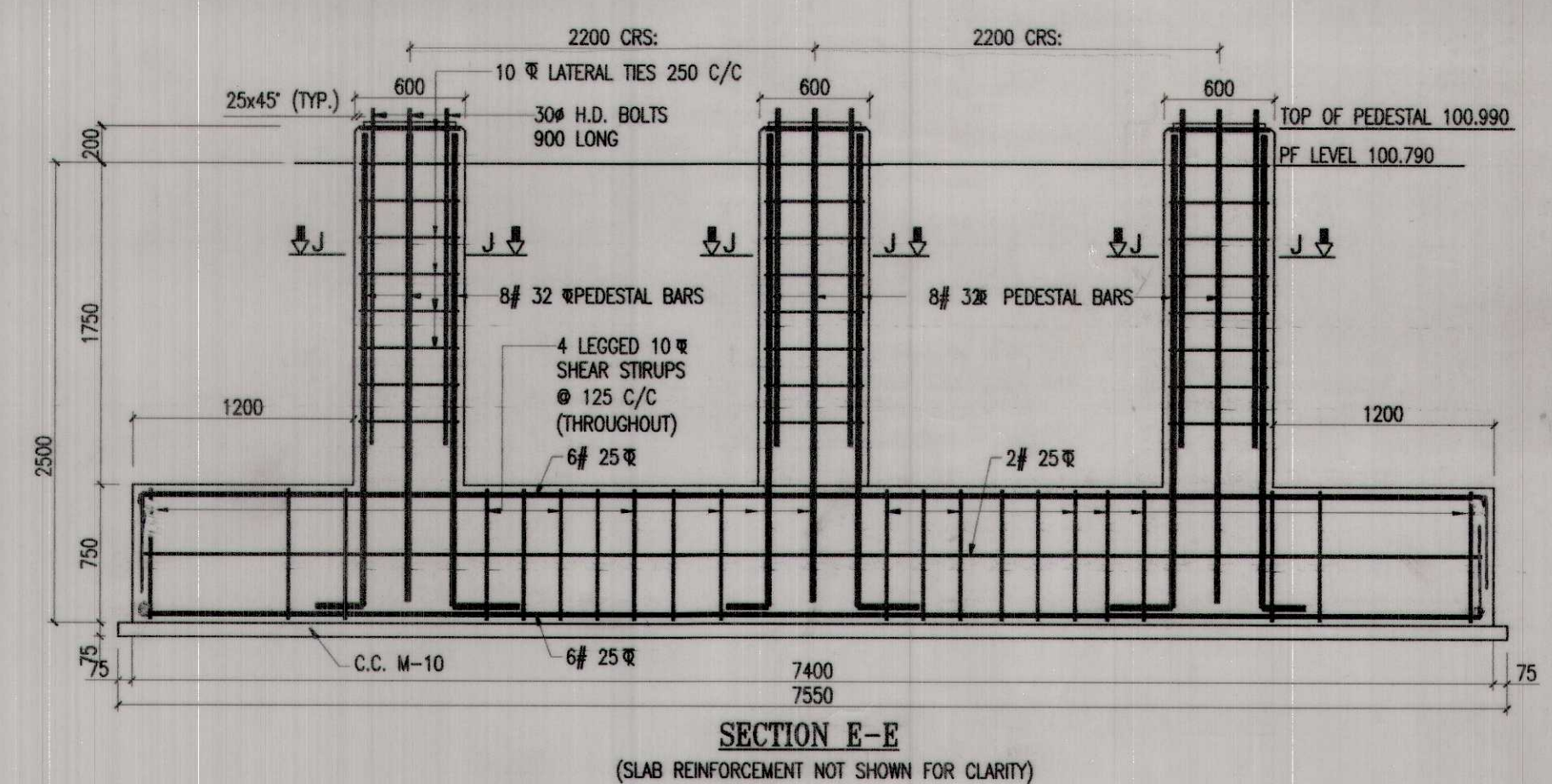
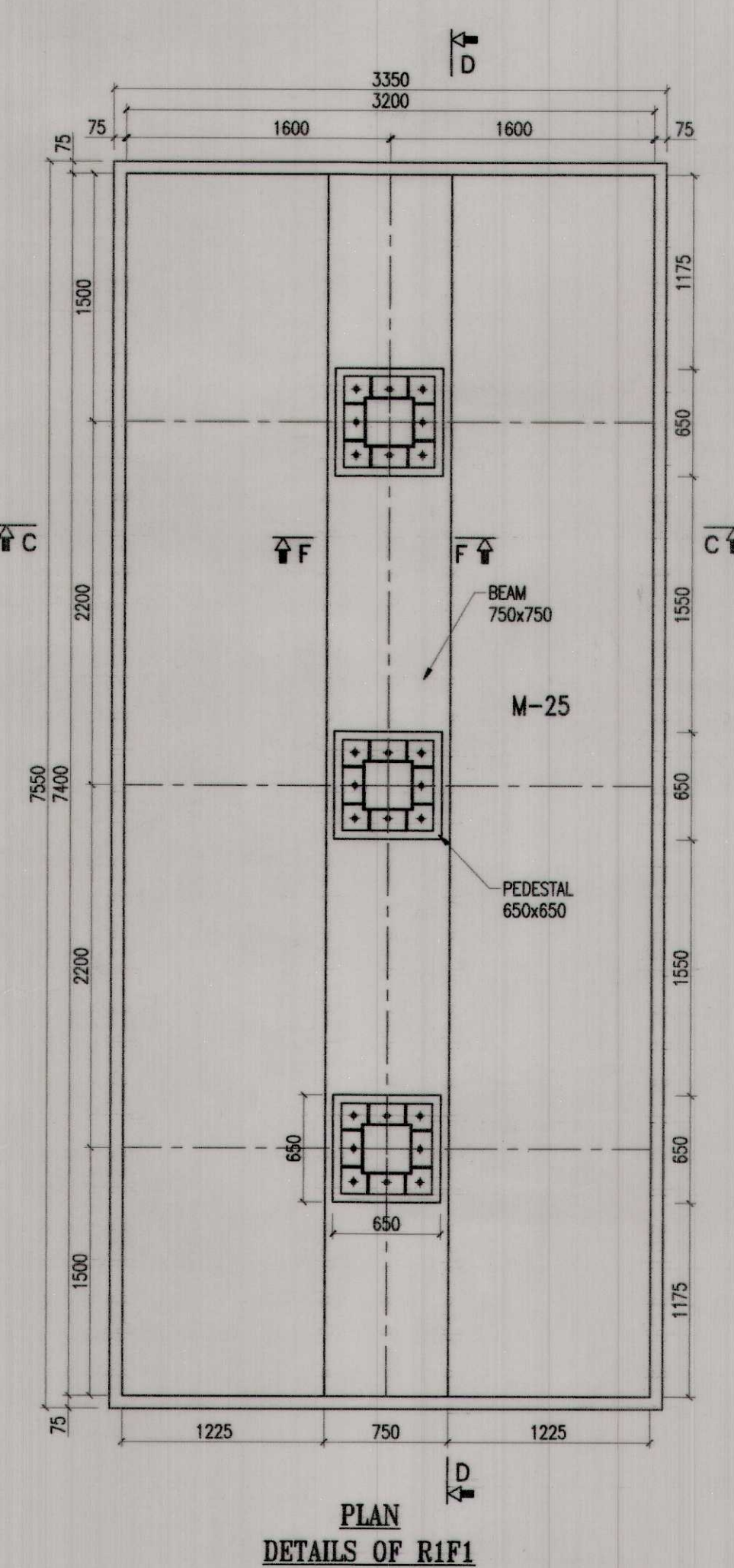
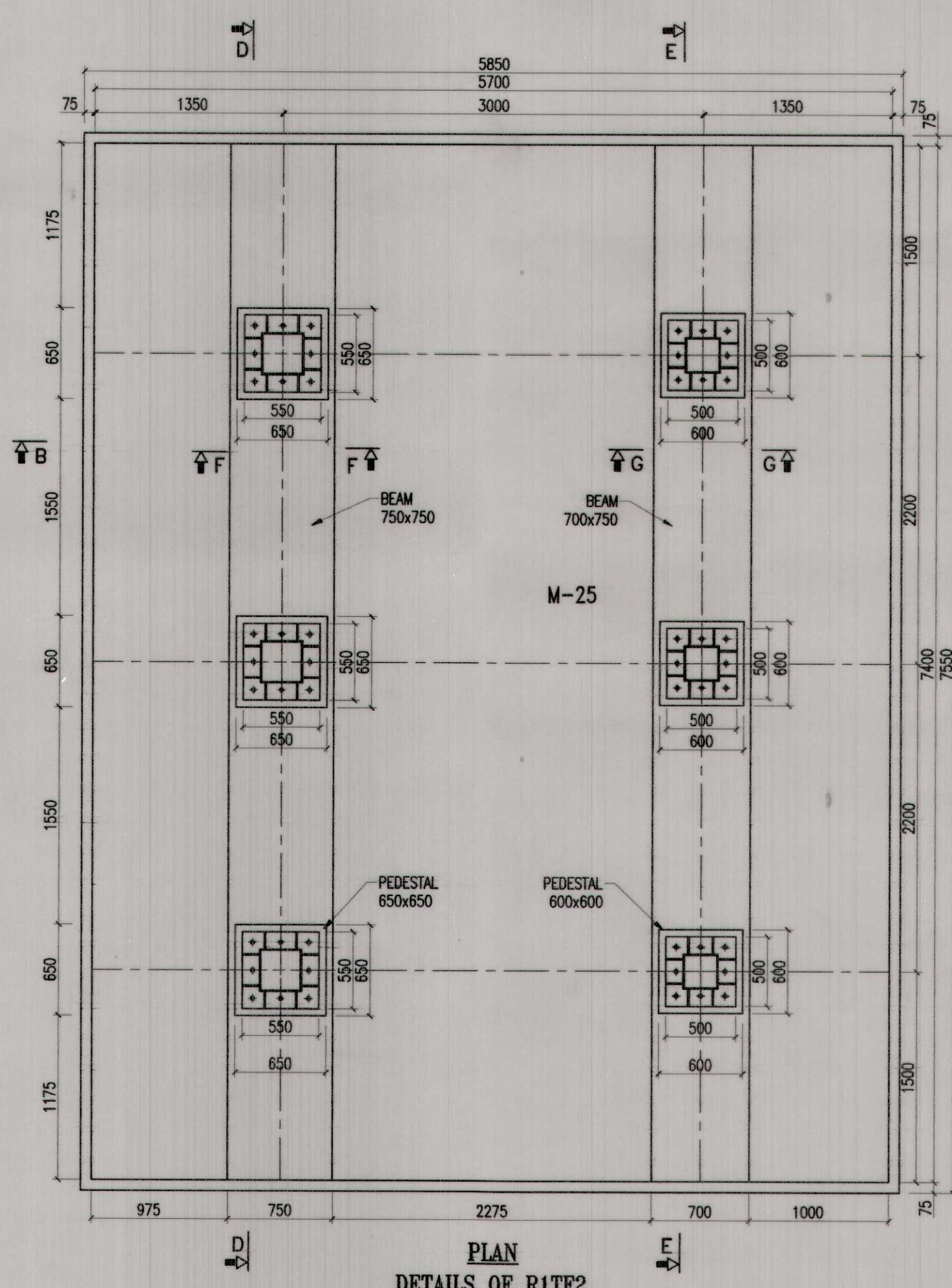
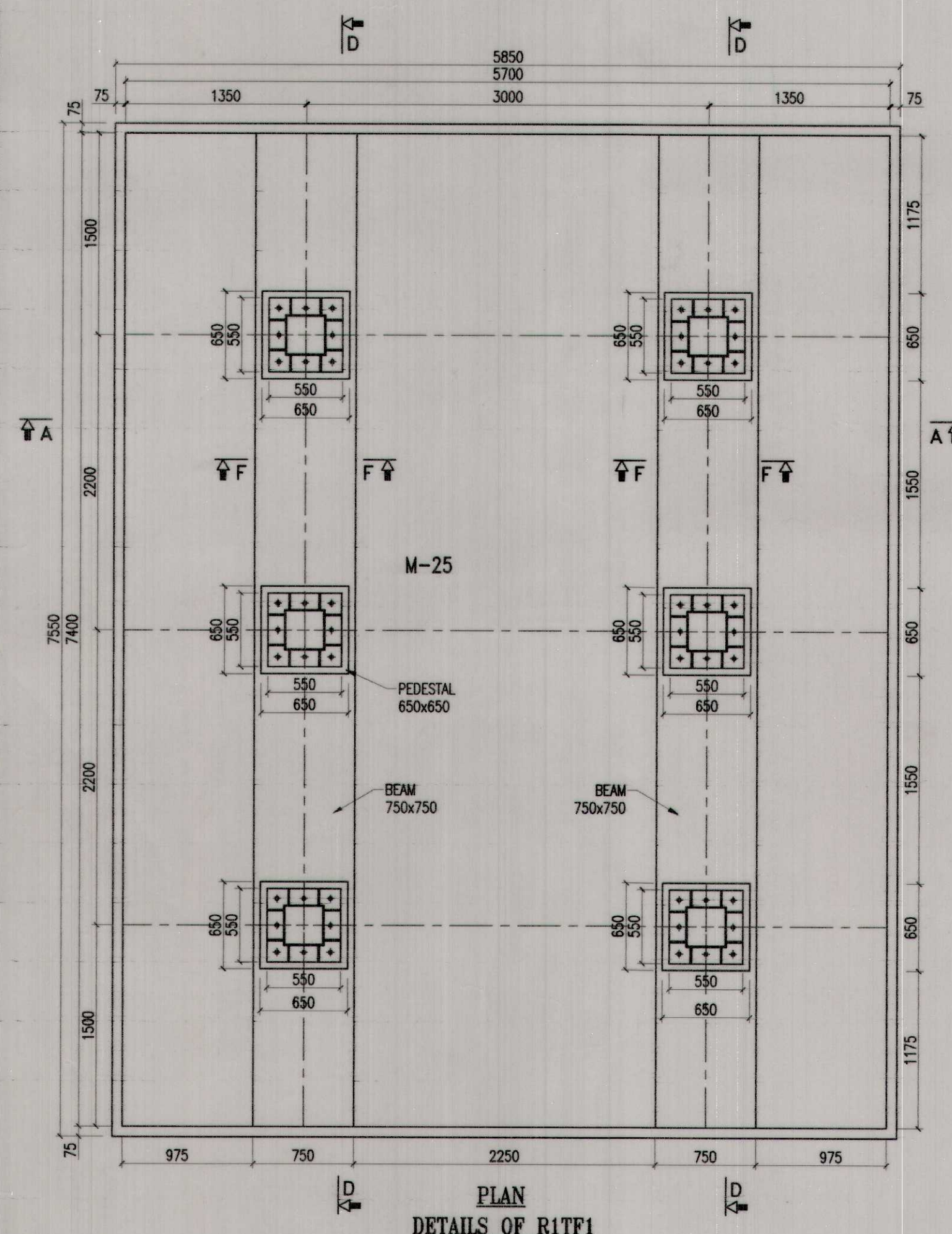
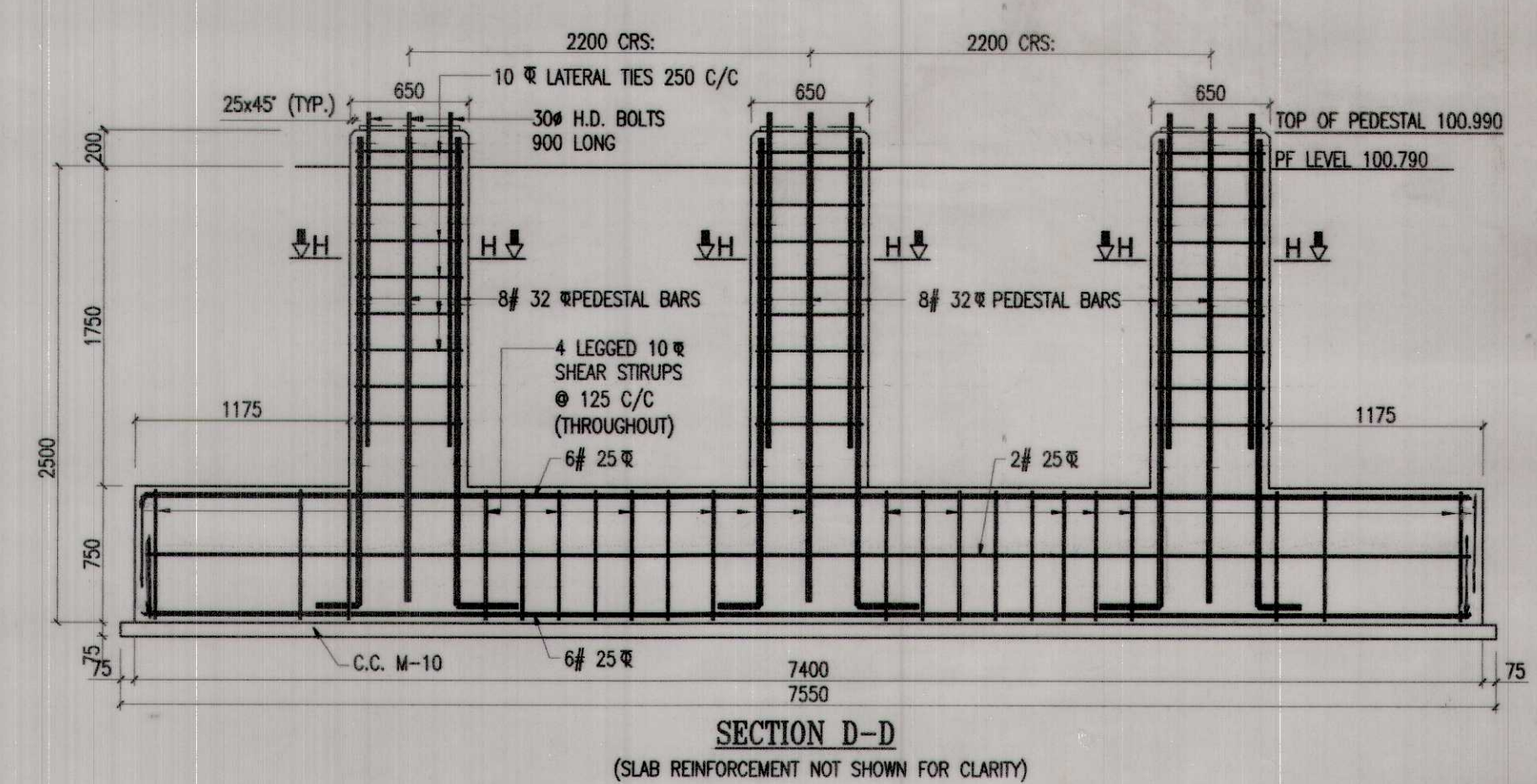
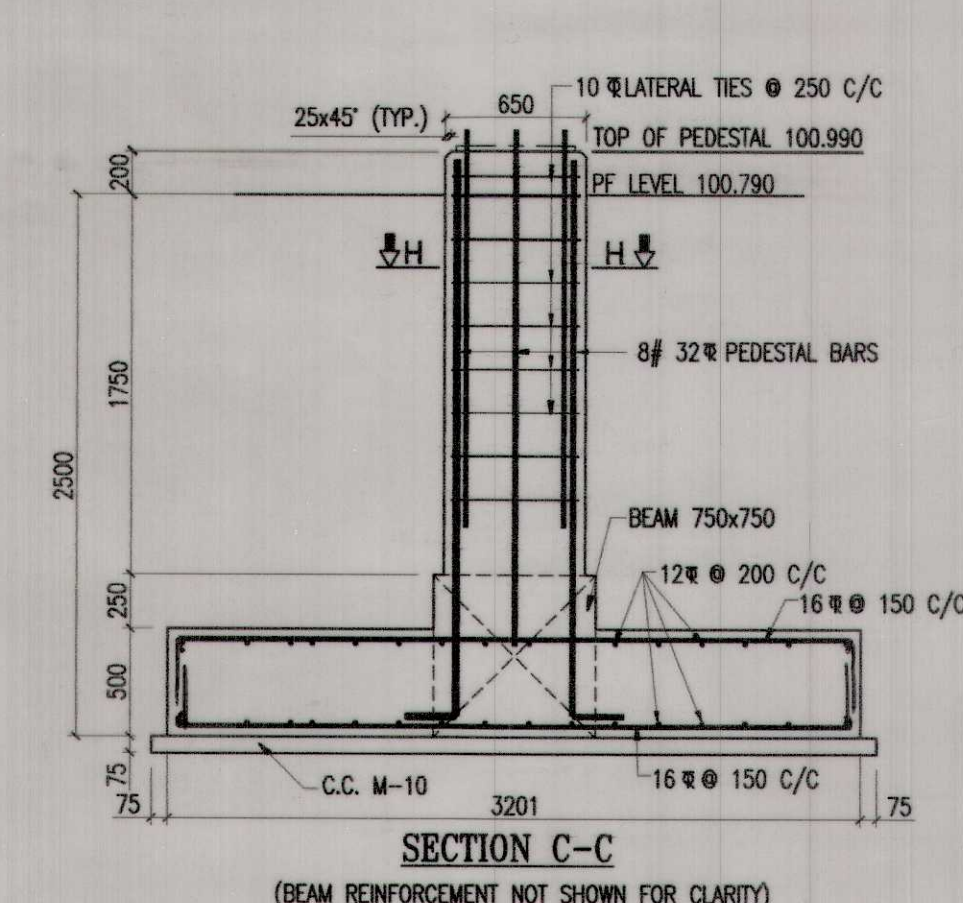
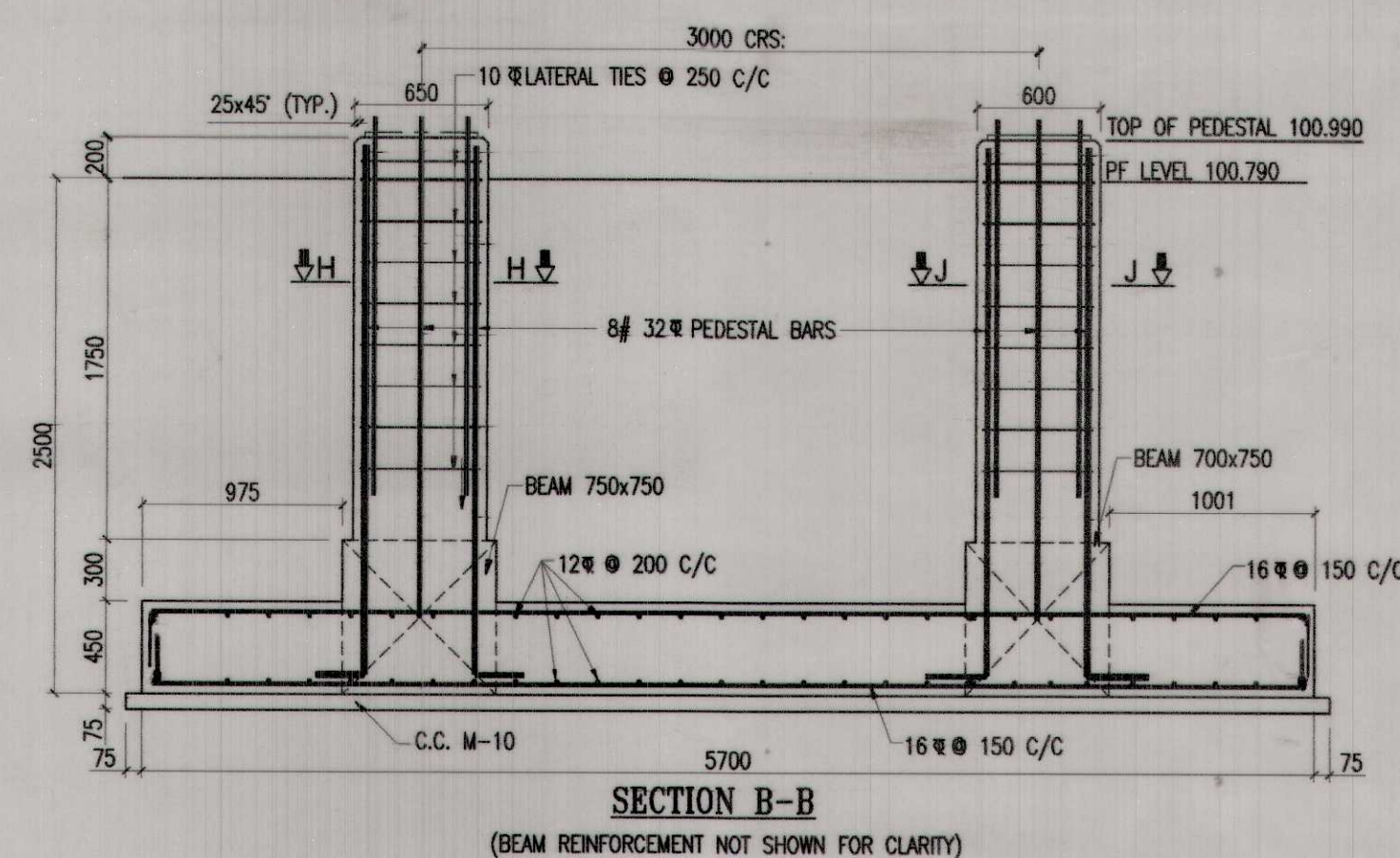
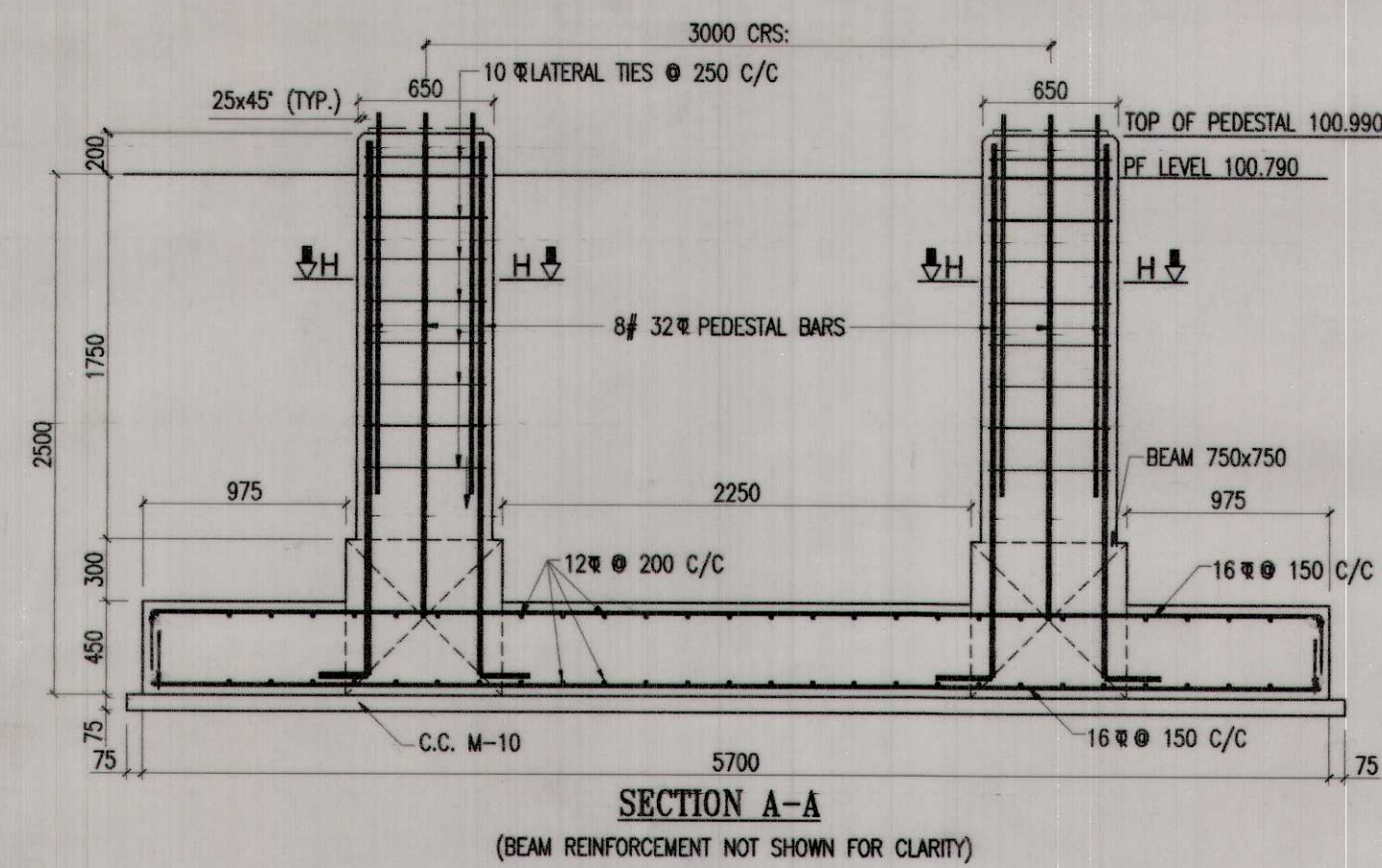








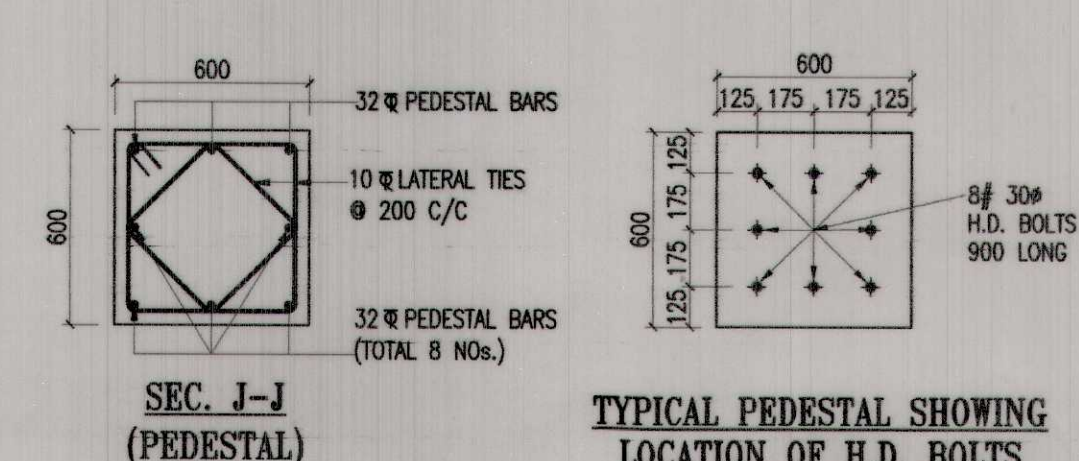
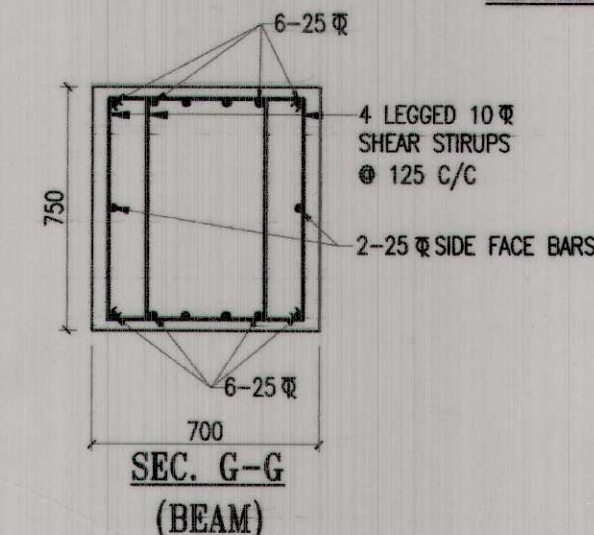
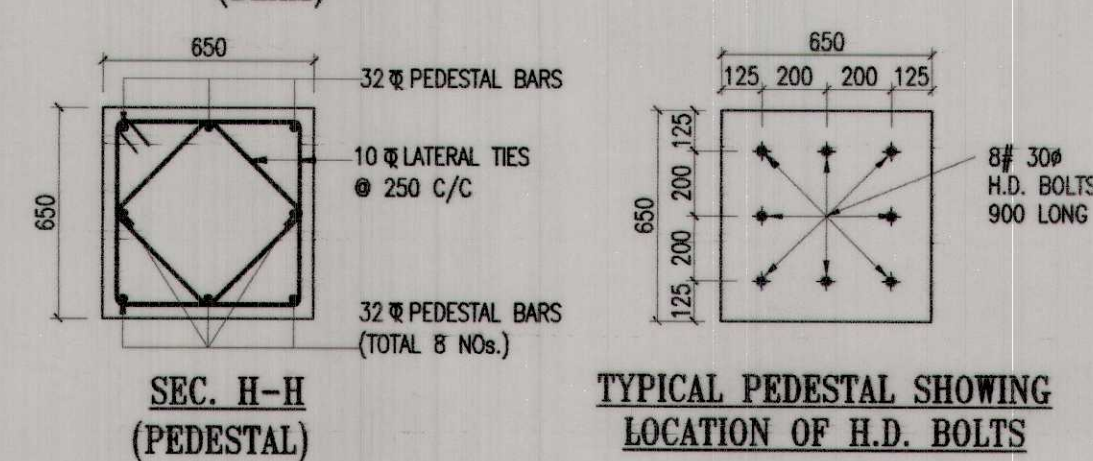
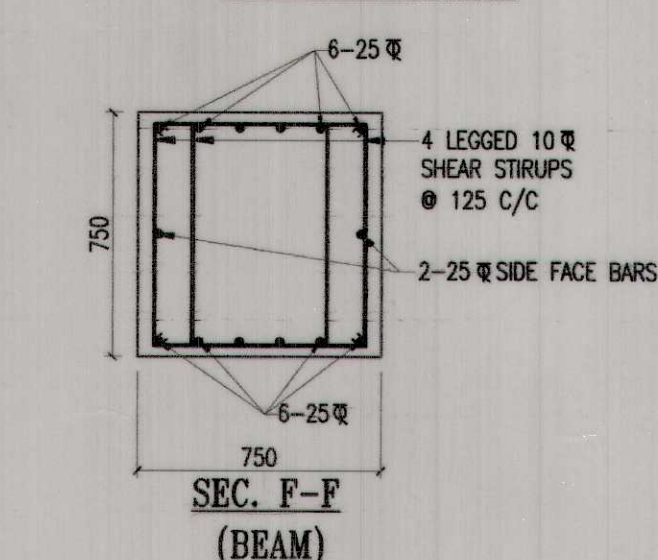





NOTES:-

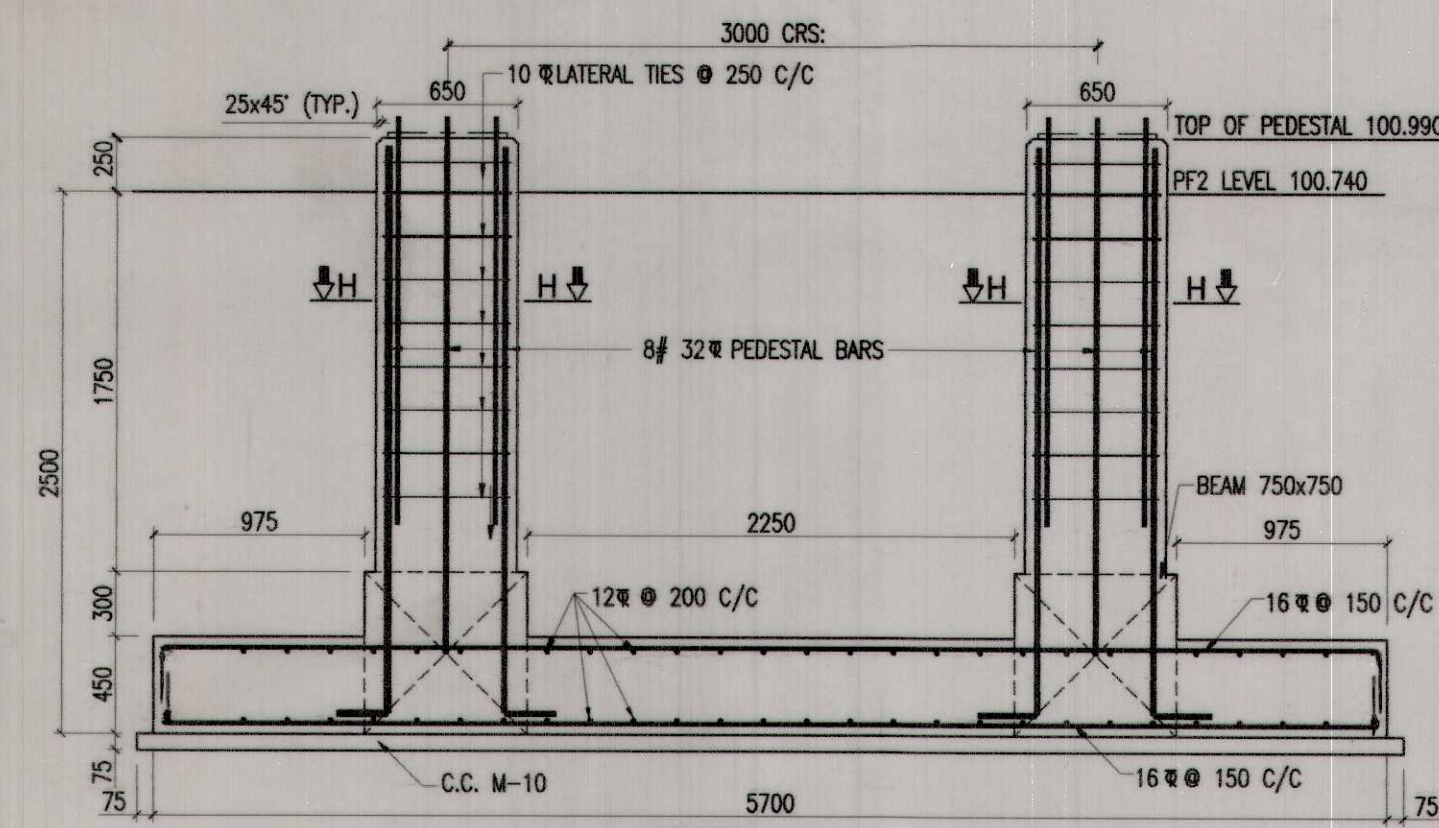
1. ALL DIMENSIONS ARE IN MILLIMETERS & LEVELS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
2. DO NOT SCALE, FOLLOW WRITTEN DIMENSION ONLY.
3. FOR OTHER NOTES REFER SHEET NO. 1.
4. READ THIS DRAWING IN CONJUNCTION WITH RELEVANT SHEETS.

FOR	SEE
GENERAL ARRANGEMENT	NRHQ PLAN NO. FB-109/UMB
FOUNDATION LAYOUT PLAN	SHEET No-2
DETAIL OF TRESTLE FOUNDATION	SHEET No-3A, 3B
DETAIL OF STAIRCASE FOUNDATIONS	SHEET No-4
DETAIL OF RAMP FOUNDATIONS	SHEET No-5A, 5B

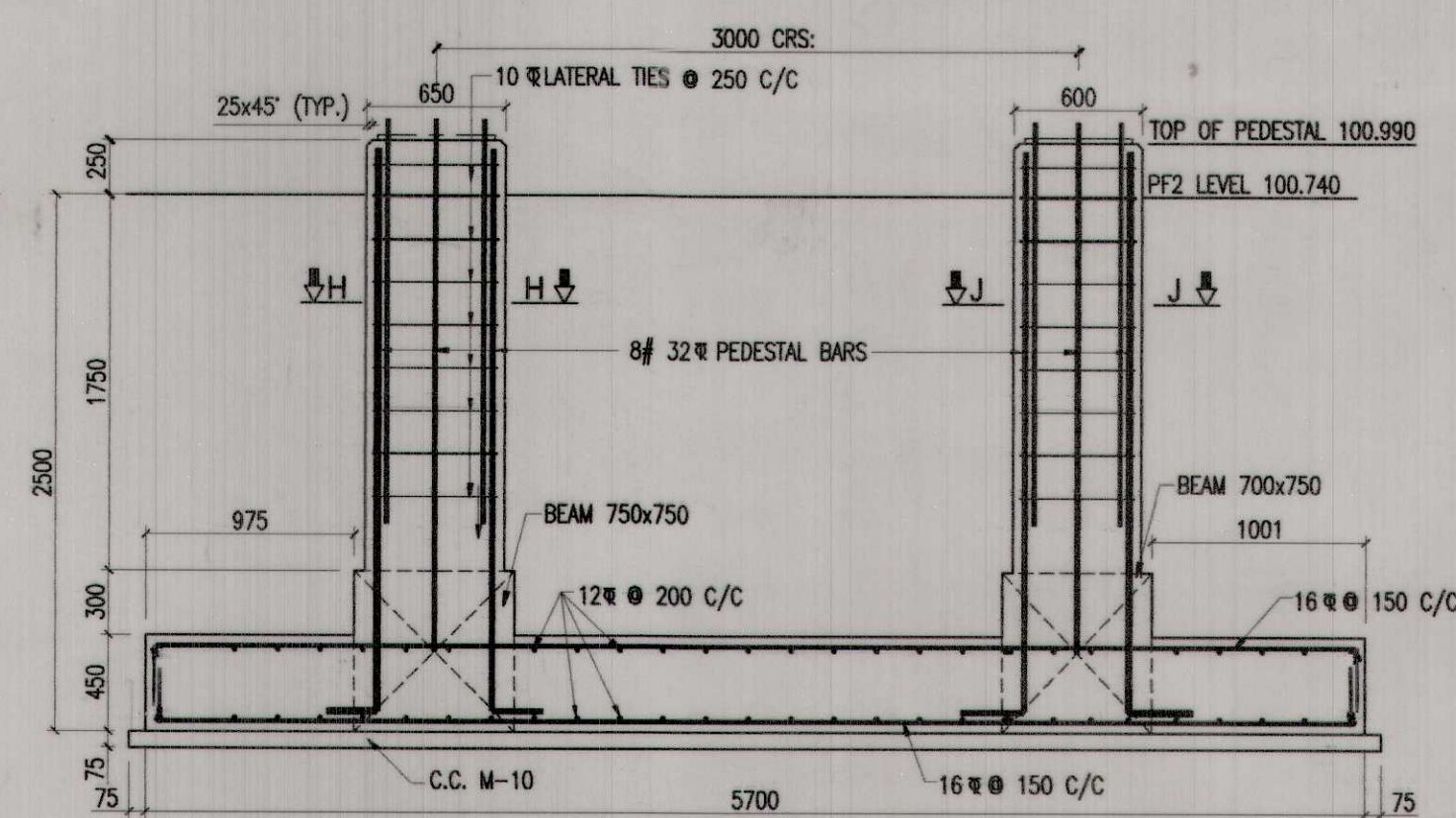


AGENCY	SR.DEN/IC/UMB <i>SR.DEN/IC/UMB</i>	CDE (B-D-S-TOMAK) <i>CDE (B-D-S-TOMAK)</i>	<u>AMBALA DIVISION</u> PROPOSED 12.0 M WIDE FOOT OVER BRIDGE AT AMBHAR RAILWAY STATION UNDER AMRIT BHARAT STATION SCHEME ON BTI-SGRR SECTION <u>DETAIL OF RAMP FOUNDATIONS</u> R1TF1, R1TF2 & R1F1
PANJAJINDAL CONTRACTOR <i>Verified Finalized</i> AUTH. SIGNATORY	SR. DEN - I/UMB <i>SR. DEN - I/UMB</i>	DY. CE/BD (S.K. GARG) <i>SR. DEN - I/UMB</i>	
DESIGN & DRAWING	ADEN/BTI <i>ADEN/BTI</i>	AKEN/BD <i>AKEN/BD</i>	
	SSE/W/ABS <i>SSE/W/ABS</i>	SSE/DESIGN <i>SSE/DESIGN</i>	
	DIVISIONAL OFFICERS	HQ. OFFICERS	DIVL. PLAN NO. F08-84/ABS-2022/UMB/SHEET-5 NRHQ PLAN No. <b>FB-169/UMR</b> SCALE:-1:35 (SHEET No-5A)

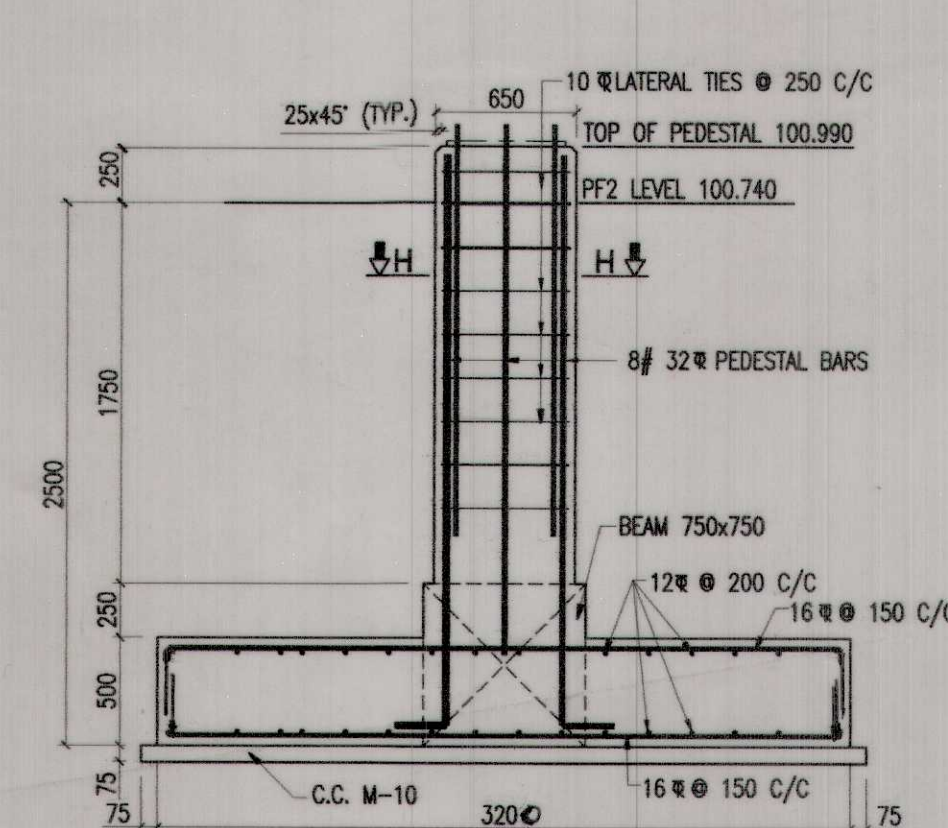




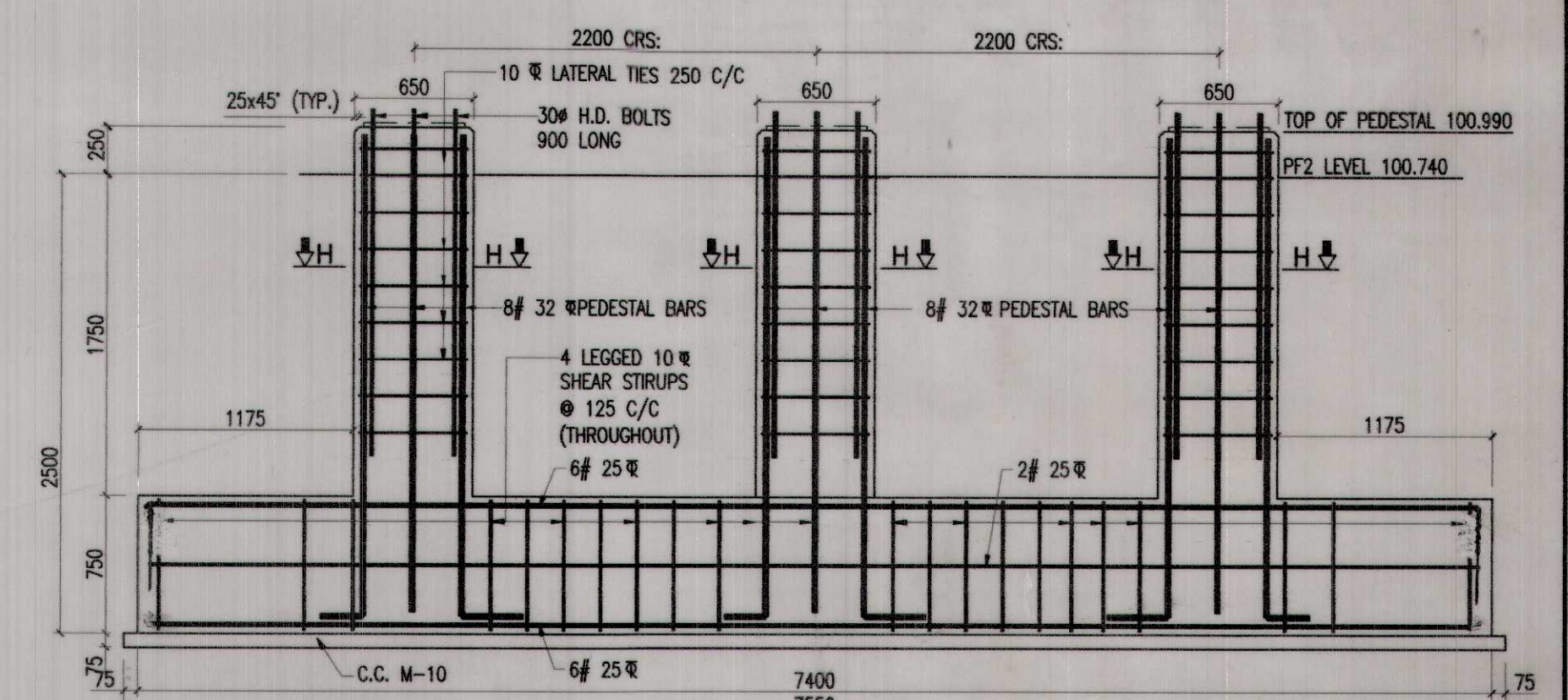
SECTION A-A  
(BEAM REINFORCEMENT NOT SHOWN FOR CLARITY)



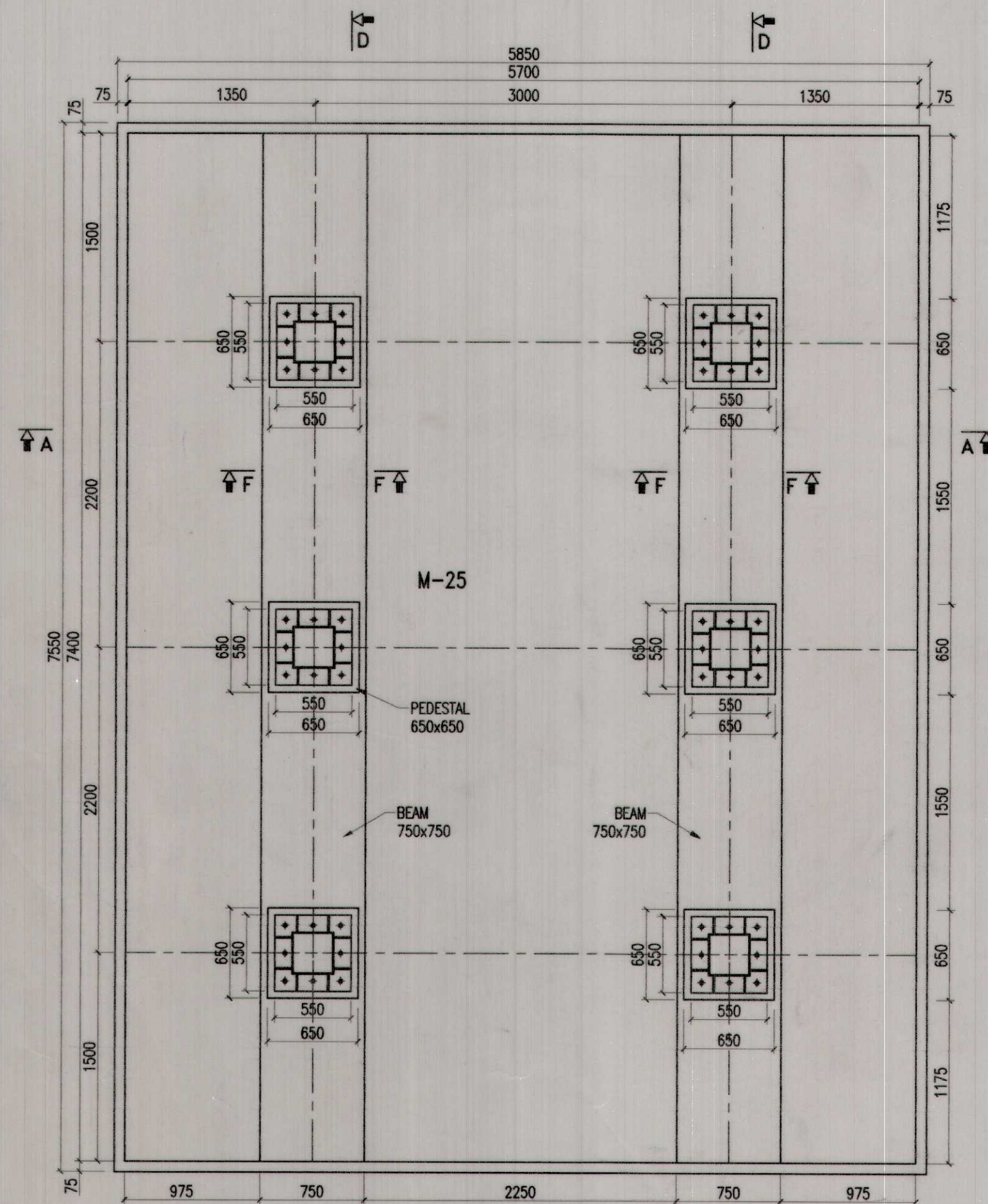
SECTION B-B  
(BEAM REINFORCEMENT NOT SHOWN FOR CLARITY)



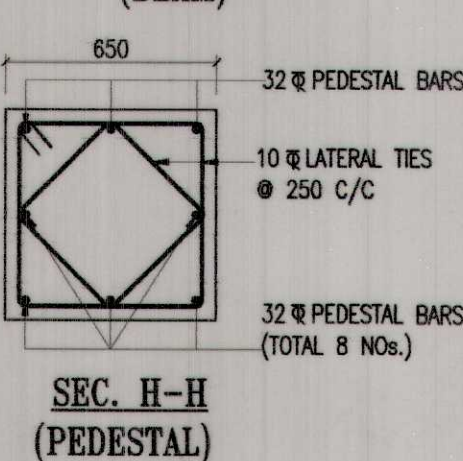
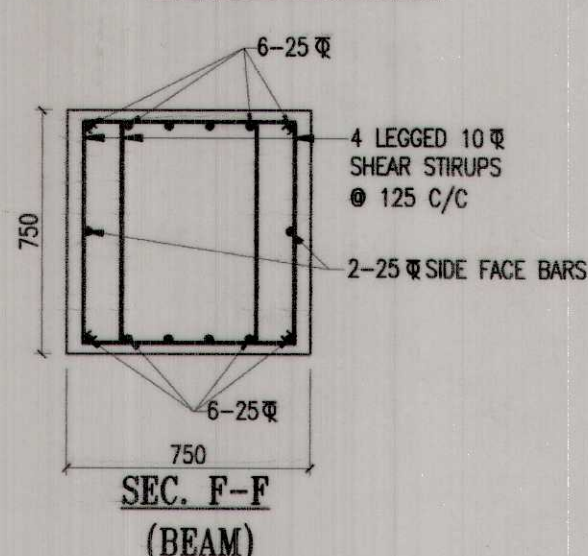
SECTION C-C  
(BEAM REINFORCEMENT NOT SHOWN FOR CLARITY)



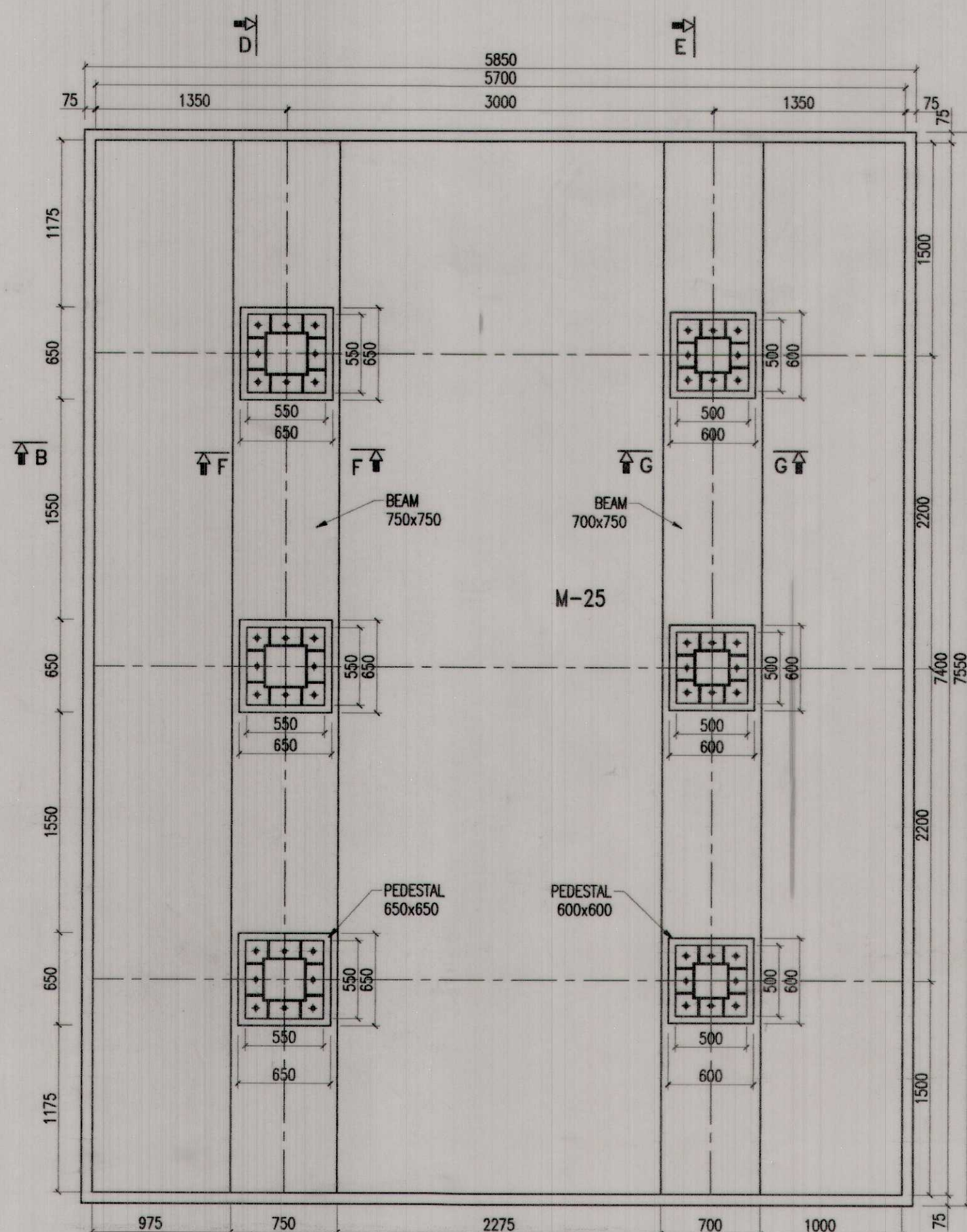
SECTION D-D  
(SLAB REINFORCEMENT NOT SHOWN FOR CLARITY)



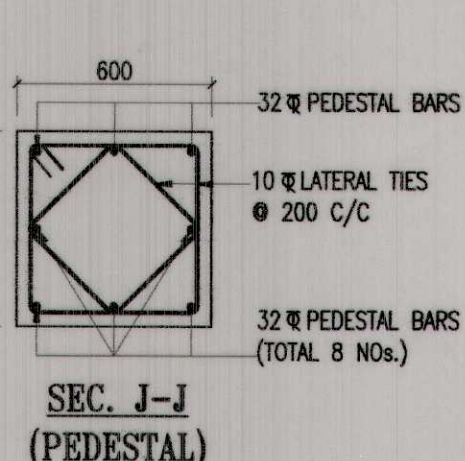
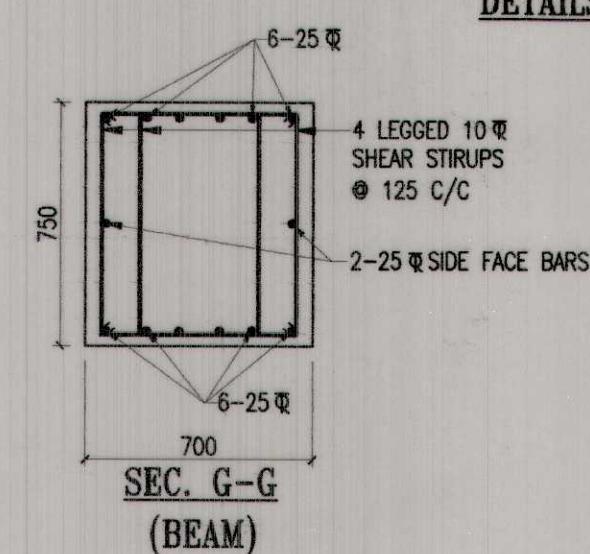
PLAN  
DETAILS OF R1TF1



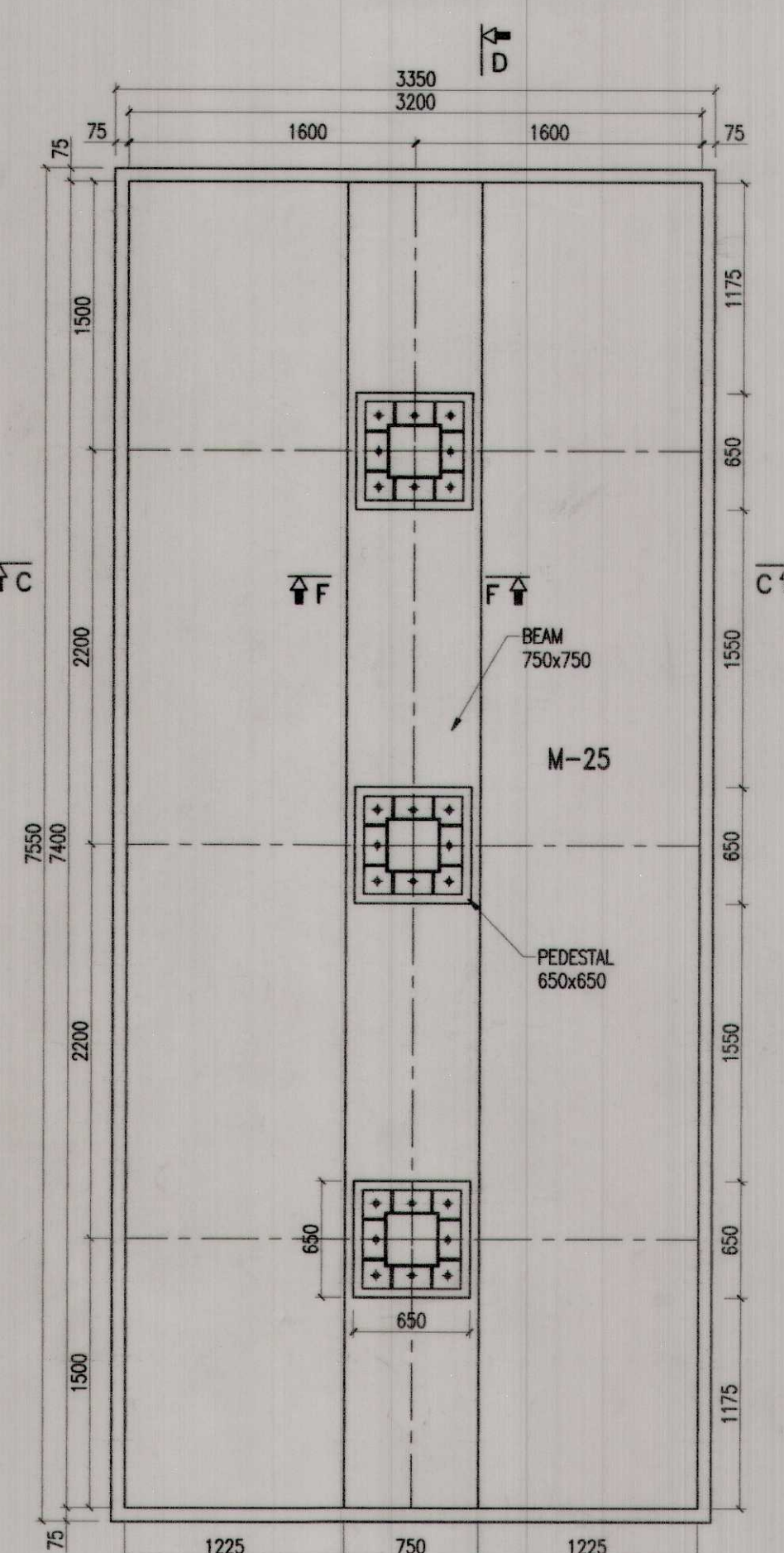
TYPICAL PEDESTAL SHOWING  
LOCATION OF H.D. BOLTS



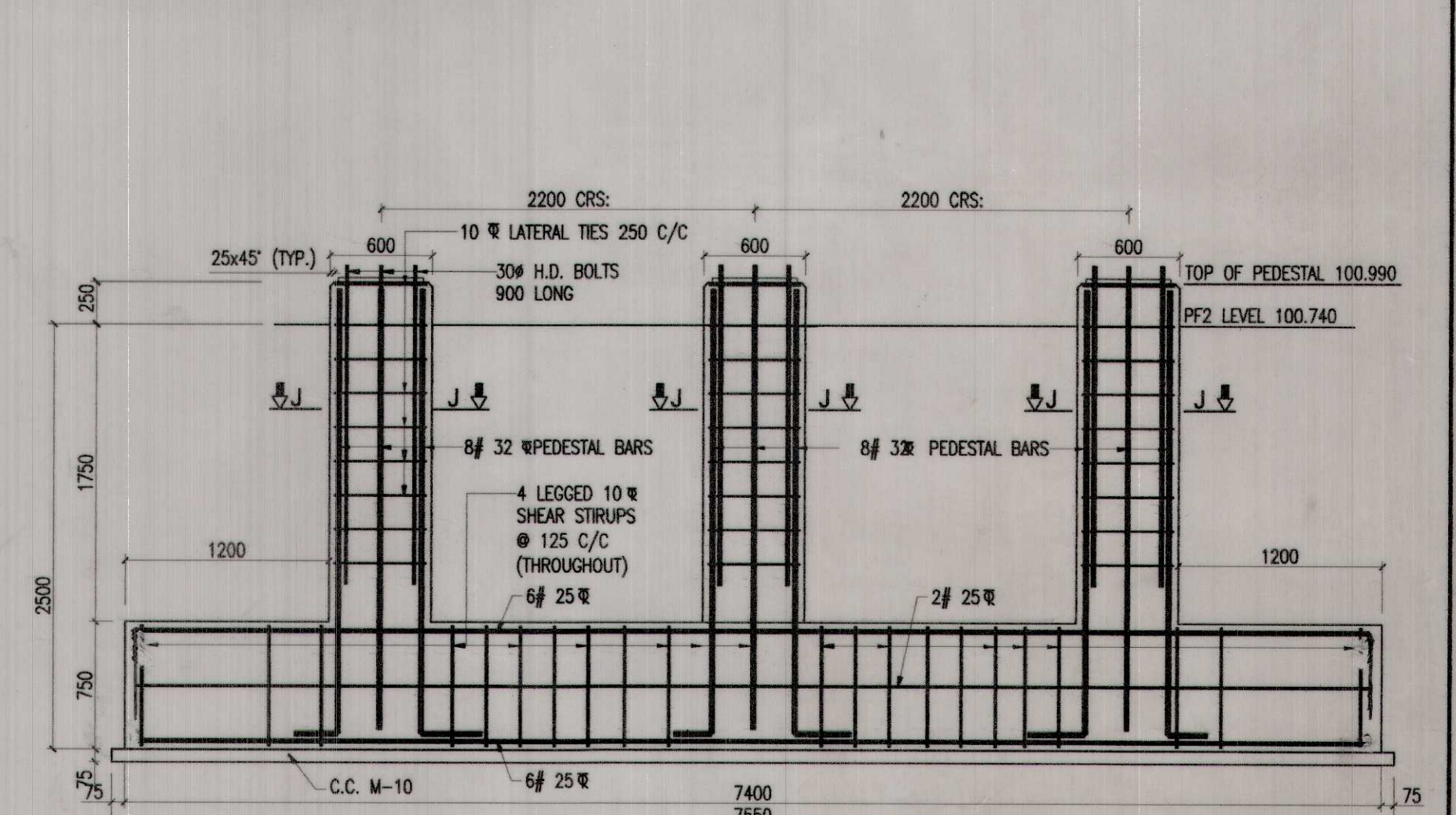
PLAN  
DETAILS OF R1TF2



TYPICAL PEDESTAL SHOWING  
LOCATION OF H.D. BOLTS



PLAN  
DETAILS OF R1F1



SECTION E-E  
(SLAB REINFORCEMENT NOT SHOWN FOR CLARITY)

#### NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETERS & LEVELS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
2. DO NOT SCALE, FOLLOW WRITTEN DIMENSION ONLY.
3. FOR OTHER NOTES REFER SHEET NO. 1.
4. READ THIS DRAWING IN CONJUNCTION WITH RELEVANT SHEETS.

FOR	SEE
GENERAL ARRANGEMENT	NRHQ PLAN NO. FB-109/UMB
FOUNDATION LAYOUT PLAN	SHEET No-2
DETAIL OF TRESTLE FOUNDATION	SHEET No-3A, 3B
DETAIL OF STAIRCASE FOUNDATIONS	SHEET No-4
DETAIL OF RAMP FOUNDATIONS	SHEET No-5A, 5B

AGENCY	DESIGN & DRAWING	DIVISIONAL OFFICERS	HO. OFFICERS	SCALE
PANJAJINDAL CONTRACTOR Vinoel Jindal AUTH. SIGNATORY	SR. DEN/CL/UMB SR. DEN/CL/UMB ADEN/BDI SSE/M/ABS	SR. DEN/CL/UMB SR. DEN/CL/UMB ADEN/BDI SSE/M/ABS	SR. DEN/CL/UMB SR. DEN/CL/UMB ADEN/BDI SSE/M/ABS	1:35
AMBALA DIVISION PROPOSED 12.0 M WIDE FOOT OVER BRIDGE AT ABOHAR RAILWAY STATION UNDER AMRIT BHARAT STATION SCHEME ON BTI-SGNR SECTION DETAIL OF RAMP FOUNDATIONS R2TF1, R2TF2 & R2F1				DIVL. PLAN NO. F08-04/ABS-2023/UMB / SHEET - 6 NRHQ PLAN No. FB-109/UMB (SHEET No-5B)

S.NO.	REVISION	DATE	APPROVED