



1. PMSN Project Ref: 05-01/53.23.1.61.022
2. SANCTIONED COST: RS. 16.75 Crores
3. HEAD: 100-00-0000-000-000-0000
4. SANCTIONED YEAR: 2023-24
5. SANCTIONING AUTHORITY: RAILWAY BOARD
6. EXISTING AGENCY: PMSU/CSMU/UG (SAHT SHAKTI UMB)
7. JUSTIFICATION: The proposed FOD is a part of a station under the jurisdiction of Fatehabagh sub district headquarter of Punjab state. This station is also important in view of its former famous "Halla-Mohalla" festival and other political activities in its surrounding area. Many religious and political rallies and processions are holding at this station. During the current year 1468 no. of passengers originated per day from SIR station resulting in earning of Rs. 2,62,369/- per day. The average daily passenger load of this station is 2632 per day. The proposed FOD has been proposed to cater the needs of the station under the station scheme. To cater the needs of the city for next 40-60 years under phase-I of Amrit Bharat station scheme, provision of 12m wide FOD has been proposed. The proposed FOD will be used for various purposes such as suitable seating for passengers, retail kiosks and other elements of passenger amenities specific to the station under consideration. It is requested that the sanction of the proposed FOD shall be completed in Financial year 2023-24.

FEASIBILITY CERTIFICATE:

FEASIBILITY OF THE PROPOSAL HAS BEEN CHECKED BY ME PERSONALLY AND FOUND FEASIBLE AT SITE.

$-\text{SD}-$	$-\text{SD}-$	$-\text{SD}-$	$-\text{SD}-$	$-\text{SD}-$	$-\text{SD}-$	$-\text{SD}-$
SSE/P/SIR	SSE/W/SIR	SSE/SIG/SIR	SSE/TRD/SIR	SSE/TELE/SIR	SSE/P.W./SIR	ADEN/SIR

LEGEND :

EXISTING WORK SHOWN IN BLACK
WORK TO BE DISMANTLED SHOWN
PROPOSED WORK SHOWN IN RED
FUTURE WORK SHOWN IN ORANGE

NRHQE PLAN No. **FB-104/UMB**

N.R. DIVL. PLAN No. FDB-82/SIR-2023/UMB

NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETERS & 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 RSDO 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 F&B HAS BEEN TAKEN IN ACCORDANCE WITH CLAUSE 2.3.2.1 OF IRS BRIDGE RULE.
8. WIND LOAD ON F&B HAS BEEN TAKEN IN ACCORDANCE WITH CLAUSE 2.11 (OF IRS BRIDGE RULE).
9. MAXIMUM WIND PRESSURE IS TAKEN AS 75 kg/m^2 .
10. THE VALUE OF LIVE LOAD IS TAKEN AS 490 KG/M^2 AS PER IRS BRIDGE RULES. CARE SHOULD BE TAKEN IN FIELD THAT THE VALUE OF LIVE LOAD AND IMPOSED LOAD SHALL NOT EXCEED ITS DESIGN VALUE.
11. FOR DESIGN OF FOUNDATION OF F&B THE DESIGN LOADS MENTIONED IN RSDO DRG NO. RSDO/B-10438 AND FOR FOUNDATION OF RAMP THE DESIGN LOADS MENTIONED IN RSDO DRG NO. RSDO/B-10433/7 SHOULD BE TAKEN.
12. ALL RCC WORK TO BE DONE IN ACCORDANCE WITH SPECIFICATIONS Laid DOWN IN IRS CONCRETE BRIDGE CODE.
13. ALL CEMENT CONC. TO BE MECHANICALLY MIXED & VIBRATED.
14. CONCRETE MIX SHALL BE AS PER DESIGN FOR FOUNDATION AND M-35 FOR PRECAST RCC DECK SLAB
15. HSD/TMT BARS CONFORMING TO IS 1786-2000 SHALL BE USED..
16. BEFORE COMMENCEMENT OF WORK LAYOUT OF FOOT OVER BRIDGE SHALL BE MARKED TO AVOID ANY INFRINGEMENT TO S.O.D.
17. MINOR MODIFICATIONS MAY BE DONE AT SITE/WORKSHOP IN CONSENT WITH ENGINEER INCHARGE.
18. PROTECTIVE SCREEN WILL BE PROVIDED AT THE LOCATION OF ALL ELECTRIFIED LINES AS PER RSDO DRG NO. E11/C/0068.
19. ALL STEEL WORKS SHALL BE AS PER IRS STEEL BRIDGE CODE.
20. ALL STEELS FOR ORDERS SHALL BE E350, GRADE 4 AS PER IS 2062-2011. RECTANGULAR OR SQUARE HOLLOW STRUCTURAL SHAPES OF GRADE YST 310 OR HIGHER TO BE USED AS PER IS-4923.
21. NECESSARY PROTECTION SHOULD BE DONE & ENGG. INDICATORS DISPLAYED IN ACCORDANCE WITH P. WY MANUAL PARA 807 & 808.
22. IR DN MAIN LINE (LINE NO. 3) IS HIGHEST TRACK WHOSE LEVEL HAS BEEN ASSUMED AS 100.04 M.
23. 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.
24. FABRICATION TO CONFORM AS PER B1-2001 SPECIFICATION & ITS WELDED BRIDGE CODE.
25. ALL WELDS TO CONFORM TO IS-15816:1989 & IS-9595.
26. 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. FCW OR GNW WELDING MAY BE DONE IN CASES WHERE SAW WELDING IS NOT POSSIBLE.
27. ALL WELDS ARE OF STEEL WITH $\sigma_{\text{Y}} = 250 \text{ MPa}$ UNLESS OTHERWISE STATED.
28. DESIGN: ZONE-III=HYPERDURCON-MODERATE-BASIC WIND SPEED-IV 14.50M/S.
29. FLOORING MATERIAL FOR STAIRS & GANGWAY SHOULD BE BURNT GRANITE WITH GROOVED LINING-ROOF TRUSS WITH TUBULAR MEMBRAL STEEL MEMBERS WILL BE GALVANISED. ROOFING MATERIAL SHALL BE AS PER RSDO DRAWING SPECIFICATIONS.
30. 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.

CBE	BRAJBHUSHAN SINGH TOMAR Digitally signed by BRAJBHUSHAN SINGH TOMAR Date:2023.09.26 11:44:32 +05'30"
CCM-PS	BARJESH DHARMANI Digitally signed by BARJESH DHARMANI Date:2023.08.14 12:24:04 +05'30"
CE-SD	MONA SRIVASTAVA Digitally signed by MONA SRIVASTAVA Date:2023.08.25 12:28:05 +05'30"
DY-CE-BD	SANJIV KUMAR GARG Digitally signed by SANJIV KUMAR GARG Date:2023.09.22 03:57:58 +05'30"
DY-CE-SD	KAUSHAL KISHORE SHARMA Digitally signed by KAUSHAL KISHORE SHARMA Date:2023.08.11 12:17:45 +05'30"
Signature block (H.O OFFICERS)	

DRM-UMB	MANDEEP SINGH BHATIA	Digitally signed by MANDEEP SINGH BHATIA Date:2023.05.17 10:55:22 +05'30'
ADRM-INFRA-UMB	GUNINDER SINGH NARANG	Digitally signed by GUNINDER SINGH NARANG Date:2023.05.17 10:51:47 +05'30'
CPM-GS-UMB	VINOD KUMAR SINGH	Digitally signed by VINOD KUMAR SINGH Date:2023.05.16 05:28:55 +05'30'
SRDEN-CO-UMB	ATUL	Digitally signed by ATUL Date:2023.05.16 06:32:04 +05'30'
SDROM-UMB	SAWARTH GUPTA	Digitally signed by SAWARTH GUPTA Date:2023.05.16 04:31:28 +05'30'
SDRCM-UMB	RIKITA VASHISHT	Digitally signed by RIKITA VASHISHT Date:2023.05.16 06:05:38 +05'30'
SDREE-TRO-UMB	ANKUR JAIN	Digitally signed by ANKUR JAIN Date:2023.05.16 04:07:19 +05'30'
SDREE-G-UMB	MANISH NARWAL	Digitally signed by MANISH NARWAL Date:2023.05.16 05:28:21 +05'30'
SDROSTE-UMB	ATESH KUMAR	Digitally signed by ATESH KUMAR Date:2023.05.16 05:51:14 +05'30'
DYCE-GS-UMB	HARVINDER SINGH	Digitally signed by HARVINDER SINGH Date:2023.05.16 05:04:25 +05'30'
SRDEN-4-UMB	KAPIL VATS	Digitally signed by KAPIL VATS Date:2023.05.16 04:55:55 +05'30'
Signature block		

AMBALA DIVISION

GENERAL ARRANGEMENT PLAN FOR PROPOSED 12.0 M
WIDE FOOT OVER BRIDGE AT SIRHIND STATION UNDER
AMRIT BHARAT STATION SCHEME ON UMB-LDH
SECTION

SCALE:-

N.R.DIVL.CASE NO.

N.R.H.Q.E. CASE NO

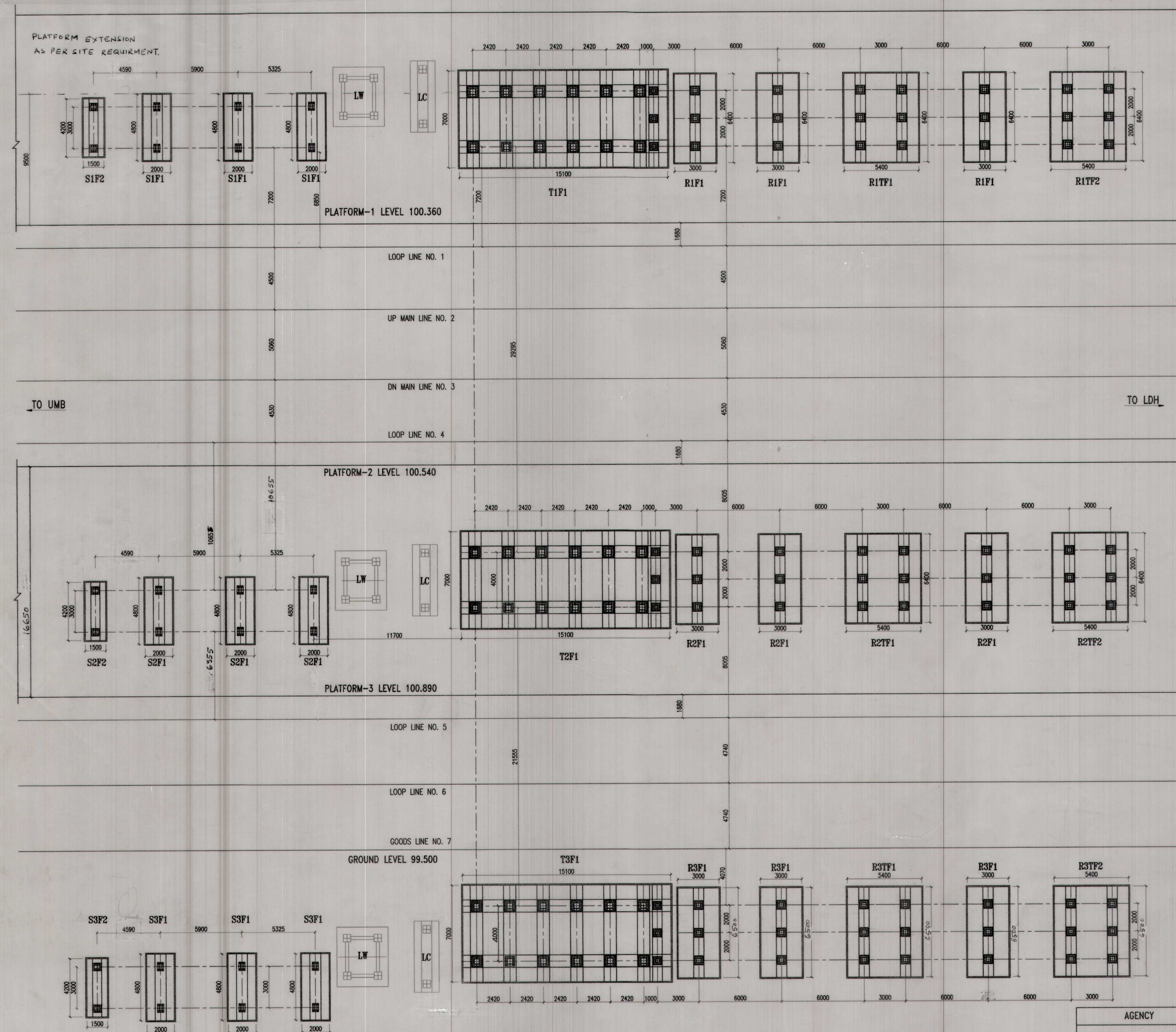
NR DIVL. PLAN NO. FOB-82/SIR-2023/UME

NRHQE PLAN No. **FB-104/UMB**

NOTES:-

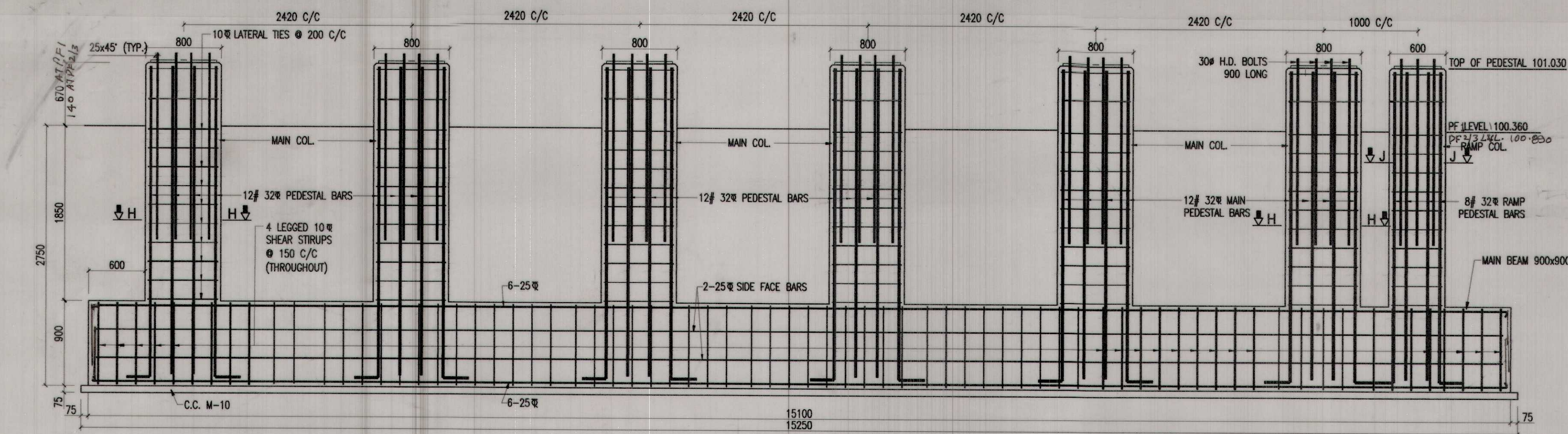
1. ALL DIMENSIONS ARE IN MILLIMETERS & LEVELS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
2. DO NOT SCALE, FOLLOW WRITTEN DIMENSION ONLY.
3. FOUNDATION PLAN IS BASED ON APPROVED GAD & NRHCE PLAN NO. FB-104/UMB.
4. FEASIBILITY OF THE FOUNDATIONS TO BE VARY BY THE ENGINEER IN CHARGE BEFORE EXCAVATION OF FOUNDATIONS
5. ALL R.C.C. WORK IS TO BE DONE IN ACCORDANCE WITH LATEST NORTHERN RAILWAY SPECIFICATIONS & RS CONC. BRIDGE CODE CORRECTED UP TO DATE.
6. PARTICULAR CARE MUST BE TAKEN TO ENSURE THAT:
 - (a) NO SAG OCCURS IN REINFORCEMENT DURING EXECUTION OF WORK.
 - (b) MINIMUM 50 mm CLEAR COVER TO REINFORCEMENT TO BE MAINTAINED IN FOUNDATION & PEDESTAL.
 - (c) LAP LENGTH WHERE BARS OBTAINED ARE OF SHORTER LENGTH MUST NOT BE LESS 42 TIMES DIA OF BAR.
7. ALL CEMENT CONC. IS TO BE MECHANICALLY MIXED AND VIBRATED.
8. ALL BINDERS/STIRRUPS/LINKS SHALL BE EFFECTIVELY TIED WITH MAIN REINFORCEMENT BARS.
9. VIBRATED CONTROLLED CONCRETE OF MINIMUM COMPRESSIVE STRENGTH OF 250 KG/Cm² (M-25) TO BE USED FOOTING EXCEPT COL. PEDESTALS. FOR COL. PEDESTALS, CONC. OF GRADE (M-30) 300 KG/Cm² TO BE USED.
10. NET BEARING CAPACITY OF SOIL IS 12.73 T/m² PER SOIL REPORT IT SHOULD BE RE-CONFIRMED AT THE TIME OF EXECUTION.
11. HSD/MT BARS OF GRADE Fe-500 CONFORMING TO IS:1786-2000 SHALL BE USED.
12. 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.
13. 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.
14. READ THIS DRAWING IN CONJUNCTION WITH OTHER RELEVANT SHEETS.

FOR	SEE
GENERAL ARRANGEMENT	NRHCE PLAN NO. FB-104/UMB
FOUNDATION LAYOUT PLAN	SHEET No- 2
DETAIL OF TRESTLE FOUNDATION	SHEET No- 3A, 3B
DETAIL OF STAIRCASE FOUNDATIONS	SHEET No- 4A, 4B
DETAIL OF RAMP FOUNDATIONS	SHEET No- 5A, 5B
FOUNDATION OF LIFT COLUMN (LC)	AS PER PLAN NO. NRHCE(P)-266-FB/2016 SHEET NO. 1
FOUNDATION OF LIFT WELL (LW)	AS PER PLAN NO. NRHCE(P)-266-FB/2016 SHEET NO. 2

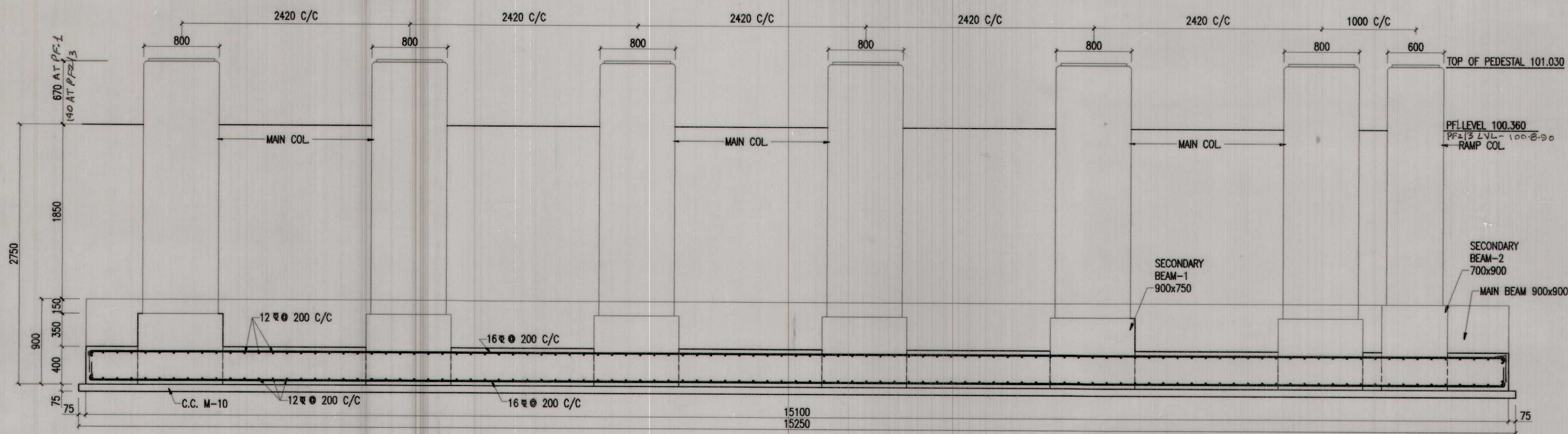


S.NO.	REVISION	DATE	APPROVED

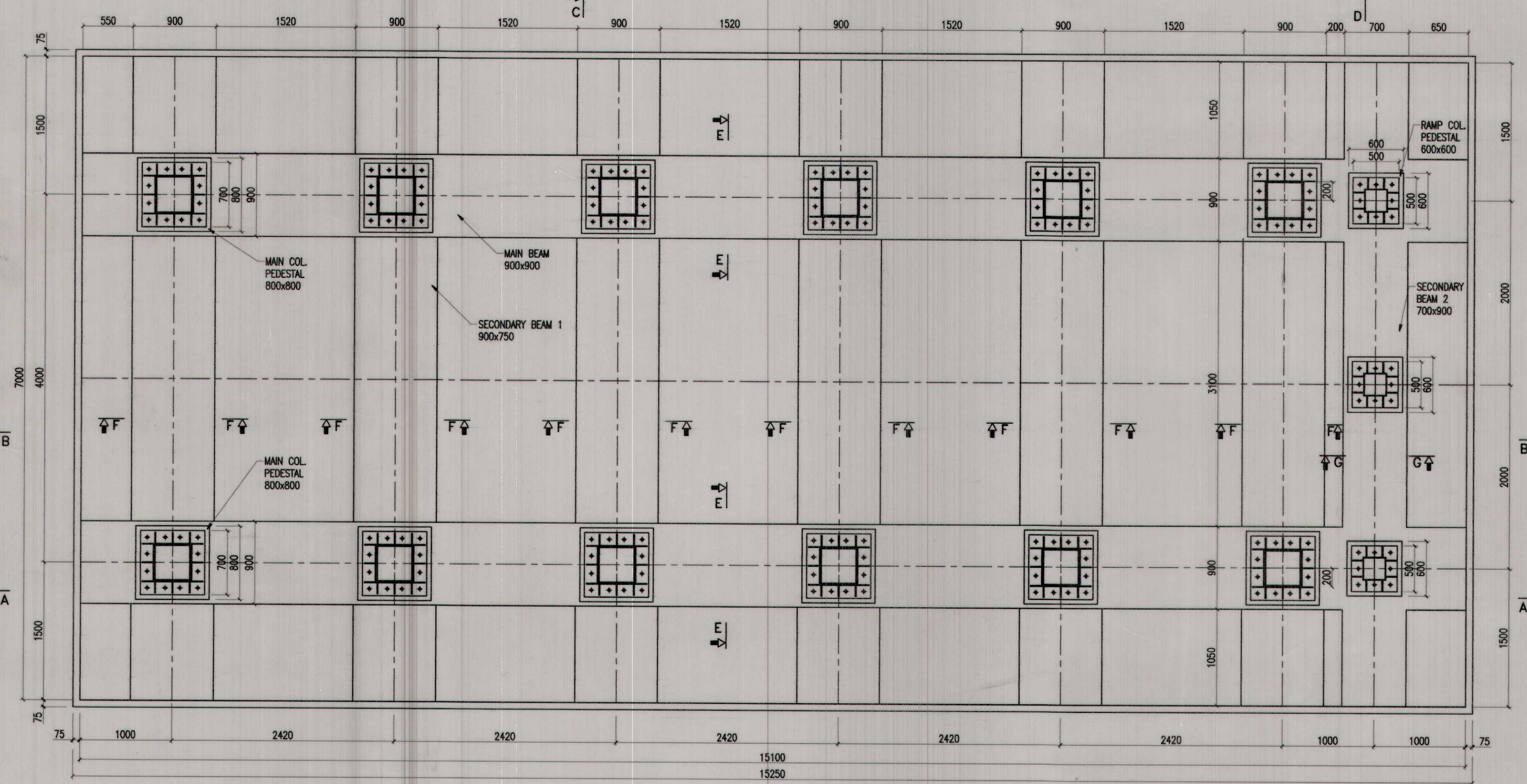
AGENCY	PANKAJ JINDAL CONTRACTORS Vineet Jindal AUTH. SIGNATORY	Sr. DEN-UM/UMB ADEN/SR	SR. DEN-UM/UMB DY. CE/BD (S.K. GARG)	ADEN/BD	SSE/UM/SR	SSE/DESIGN	SSE/DRG.	DIVISIONAL OFFICERS	HQ. OFFICERS	SCALE:-1:35	(SHEET No-2)
DESIGN & DRAWING	V.D. SHARMA V.D. SHARMA										
AMBALA DIVISION PROPOSED 12.0 M WIDE FOOT OVER BRIDGE AT SIRHIND RAILWAY STATION UNDER AMRIT BHARAT STATION SCHEME ON UMB-LDH SECTION FOUNDATION LAYOUT PLAN										DIVL. PLAN NO:- F08-177/SR-2023/UMB/FOUND. PLANS NRHCE PLAN No. FB-104/UMB	



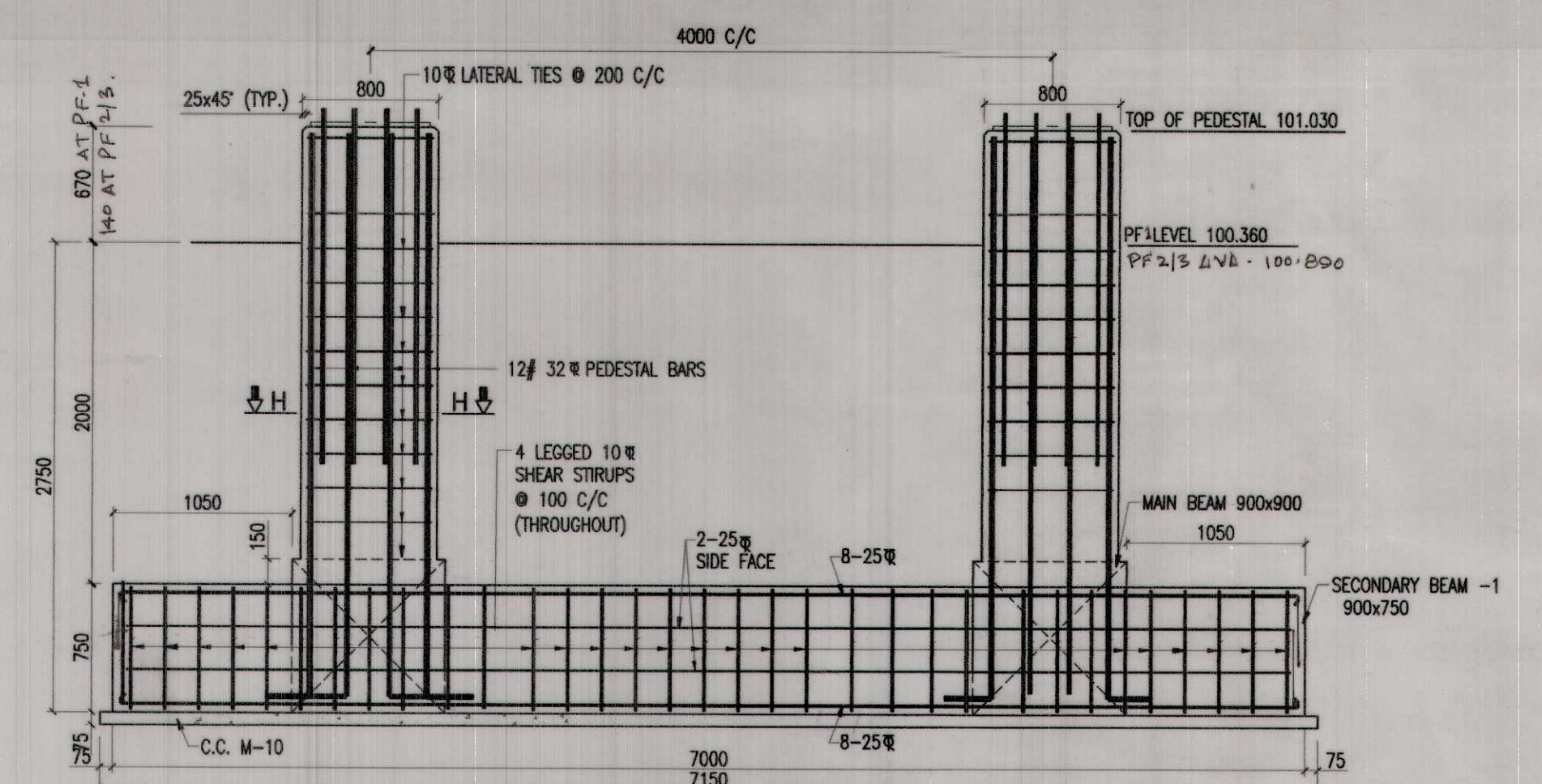
SECTION A-A
(SLAB REINFORCEMENT NOT SHOWN FOR CLARITY)



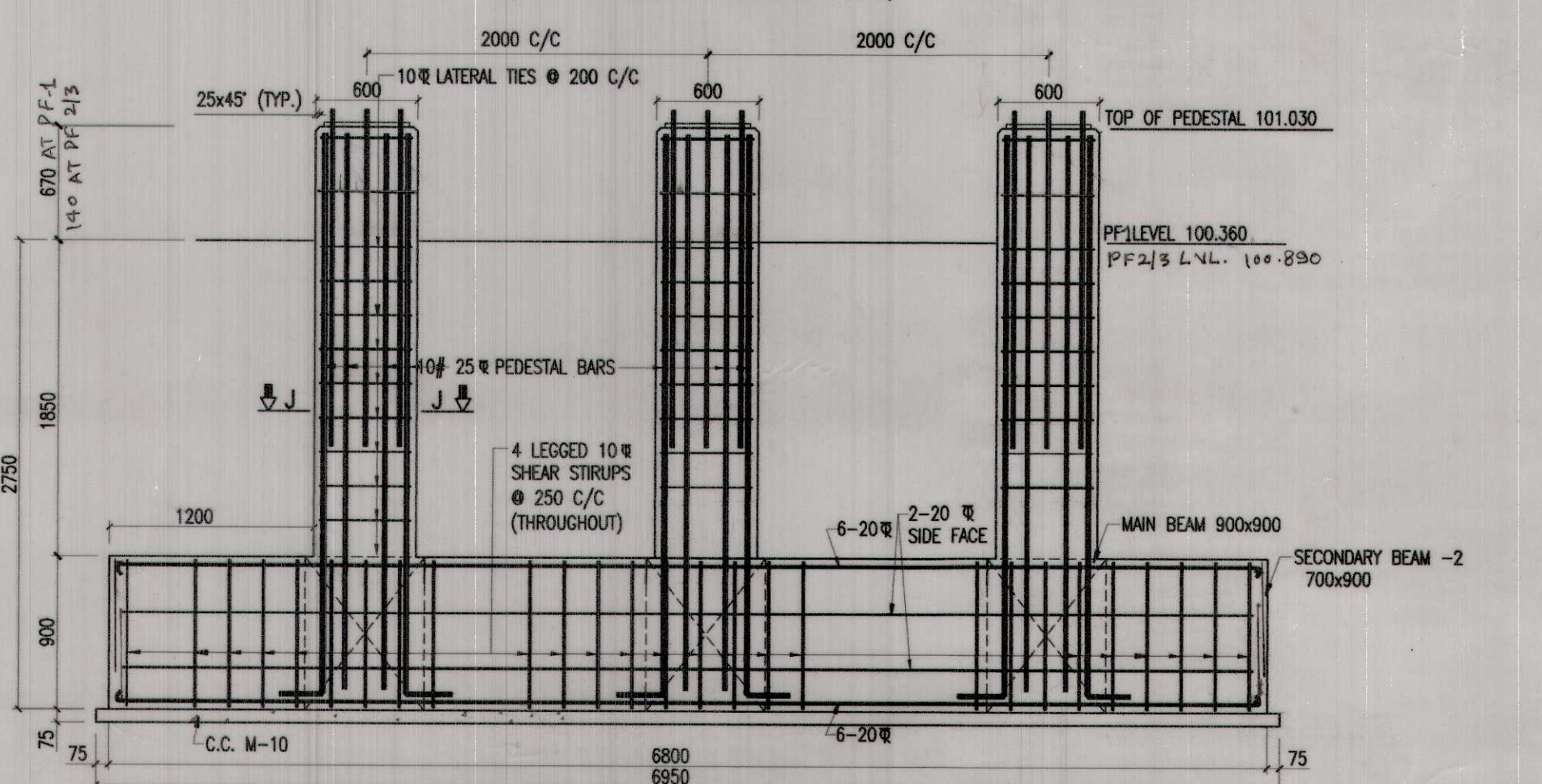
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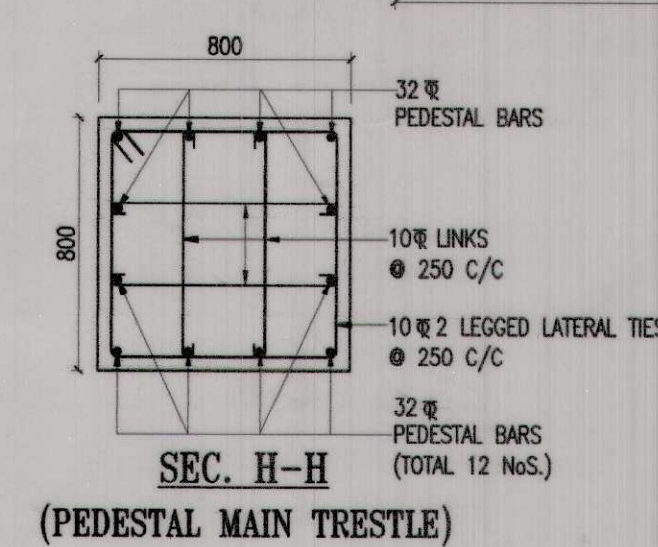
DETAIL OF FOUNDATION PLAN T1F1 & T2F1



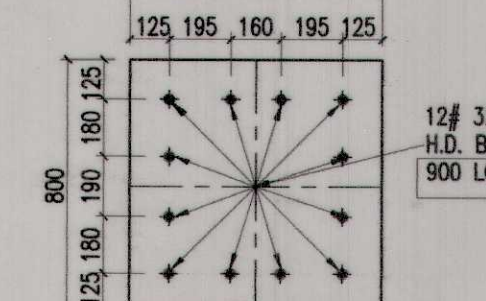
SECTION C-C
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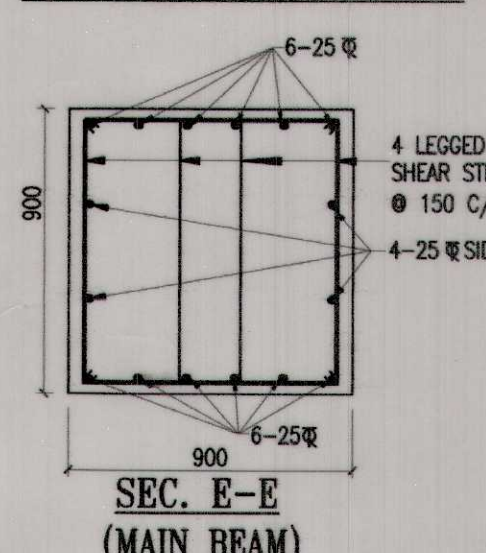
SECTION D-D
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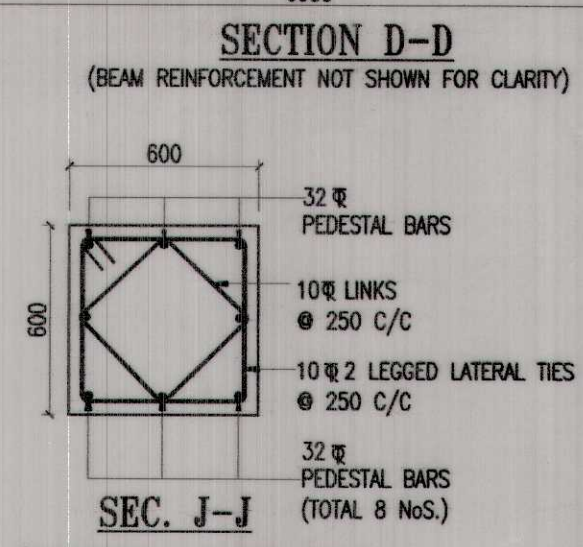
SEC. H-H
(PEDESTAL MAIN TRESTLE)



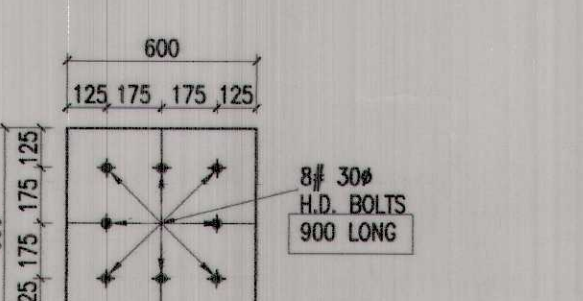
PEDESTAL MAIN TRESTLE
SHOWING
LOCATION OF H.D. BOLTS



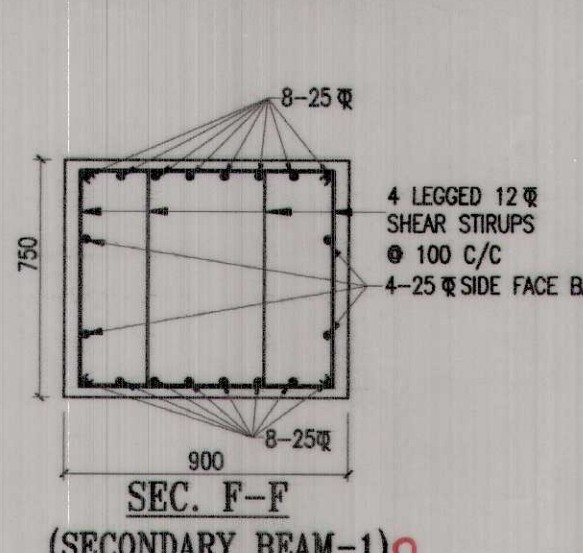
SEC. E-E
(MAIN BEAM)



SEC. J-J
(PEDESTAL RAMP COL.)



PEDESTAL RAMP SHOWING
LOCATION OF H.D. BOLTS

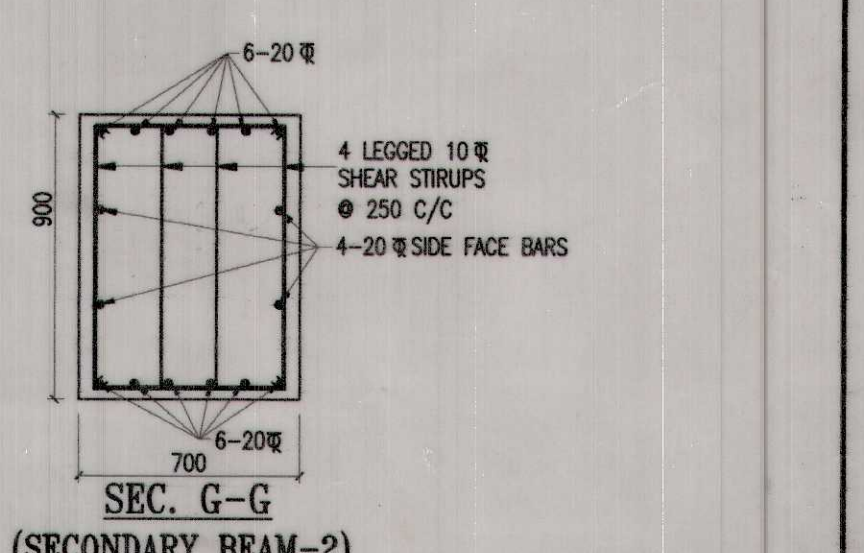


SEC. F-F
(SECONDARY BEAM-1)

NOTES:-

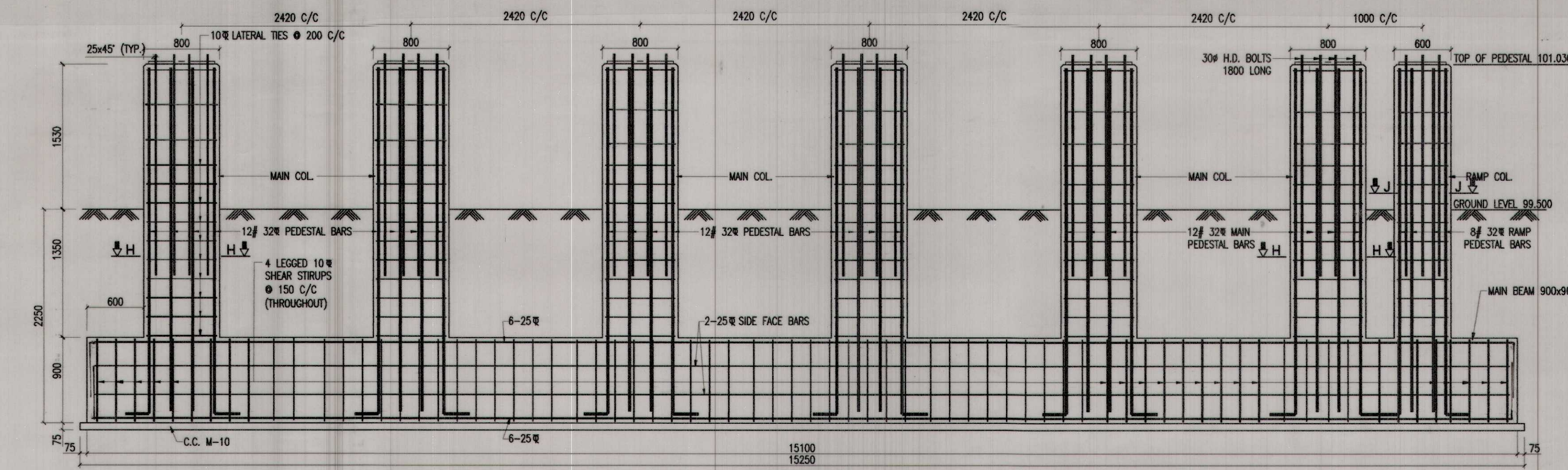
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3. FOR OTHER NOTES REFER SHEET NO. 1
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FOR	SEE
GENERAL ARRANGEMENT	NRHQ PLAN NO. FB-104/UMB
FOUNDATION LAYOUT PLAN	SHEET No-2.
DETAIL OF TRESTLE FOUNDATION	SHEET No-3A, 3B
DETAIL OF STAIRCASE FOUNDATIONS	SHEET No-4A, 4B
DETAIL OF RAMP FOUNDATIONS	SHEET No-5A, 5B

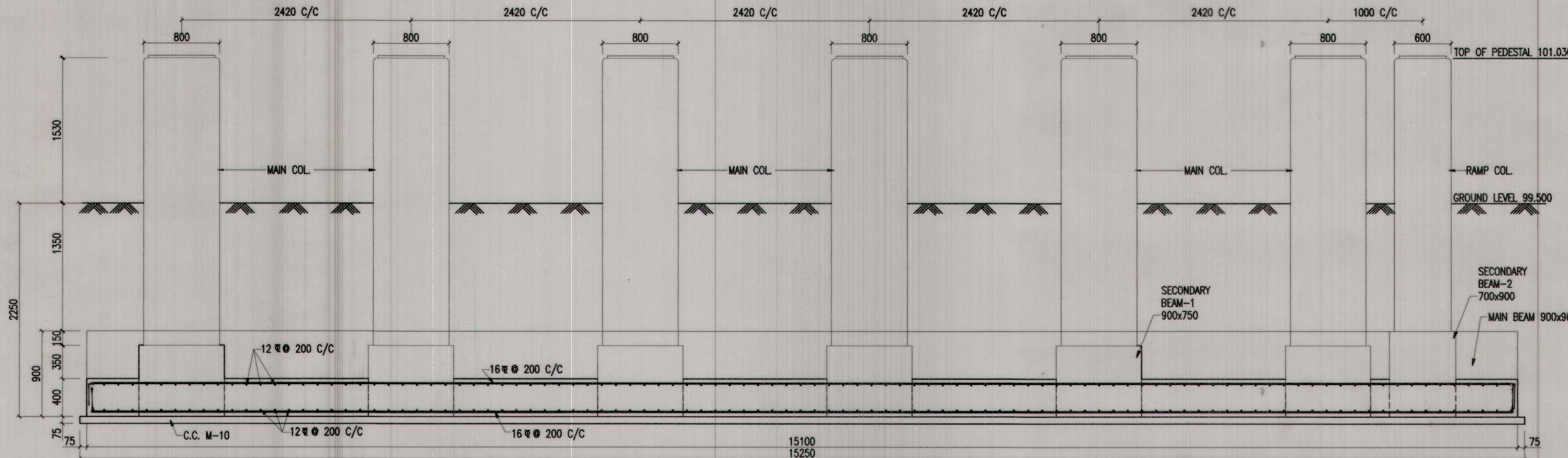


SEC. G-G
(SECONDARY BEAM-2)

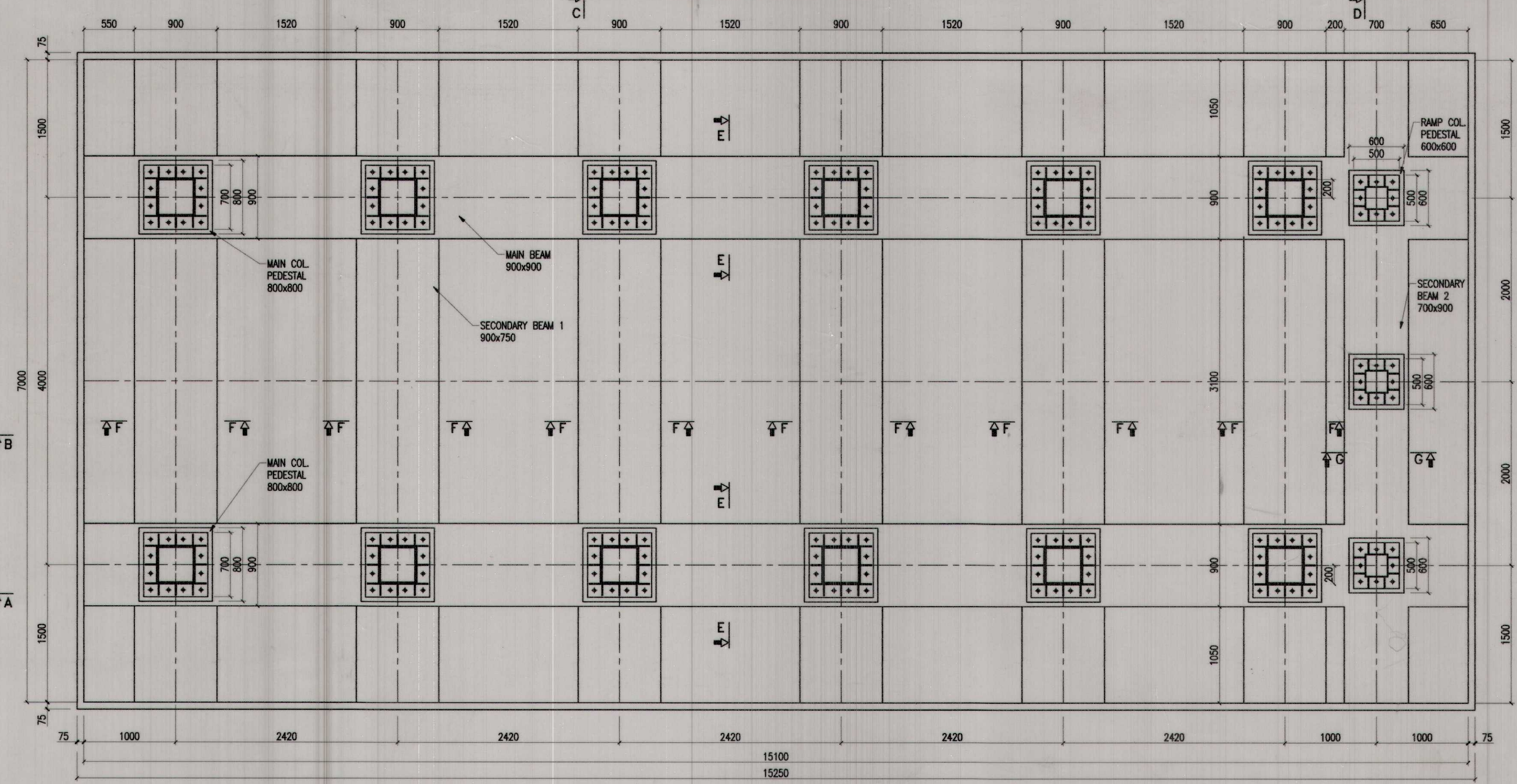
AGENCY		AMBALA DIVISION	
PANKAJ JINDAL CONTRACTOR		PROPOSED 12.0 M WIDE FOOT OVER BRIDGE	
VINEET JINDAL		AT SIRHIND RAILWAY STATION	
AUTH SIGNATORY		UNDER AMRT BHARAT STATION SCHEME	
		ON UMB-LDH SECTION	
PROOF CHECKED BY		DETAIL OF TRESTLE FOUNDATION T1F1, T2F1	
DESIGN & DRAWING		DIVL. PLAN NO. F-08-171/SIR-2023/UMB FOUND. PLANS	
		NRHQ PLAN No. FB-104/UMB	
		SCALE-1:35	
		(SHEET No-2A)	



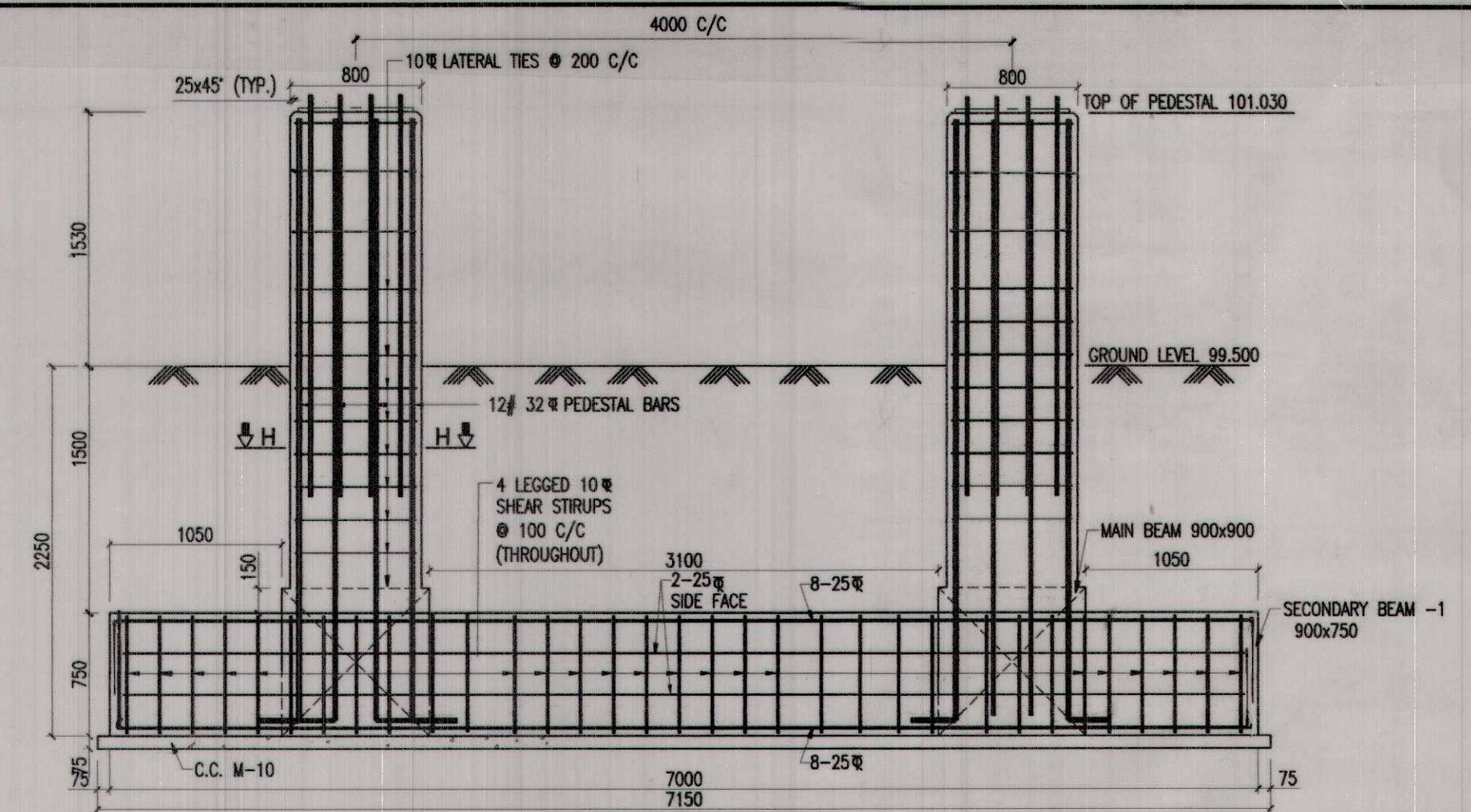
SECTION A-A
(SLAB REINFORCEMENT NOT SHOWN FOR CLARITY)



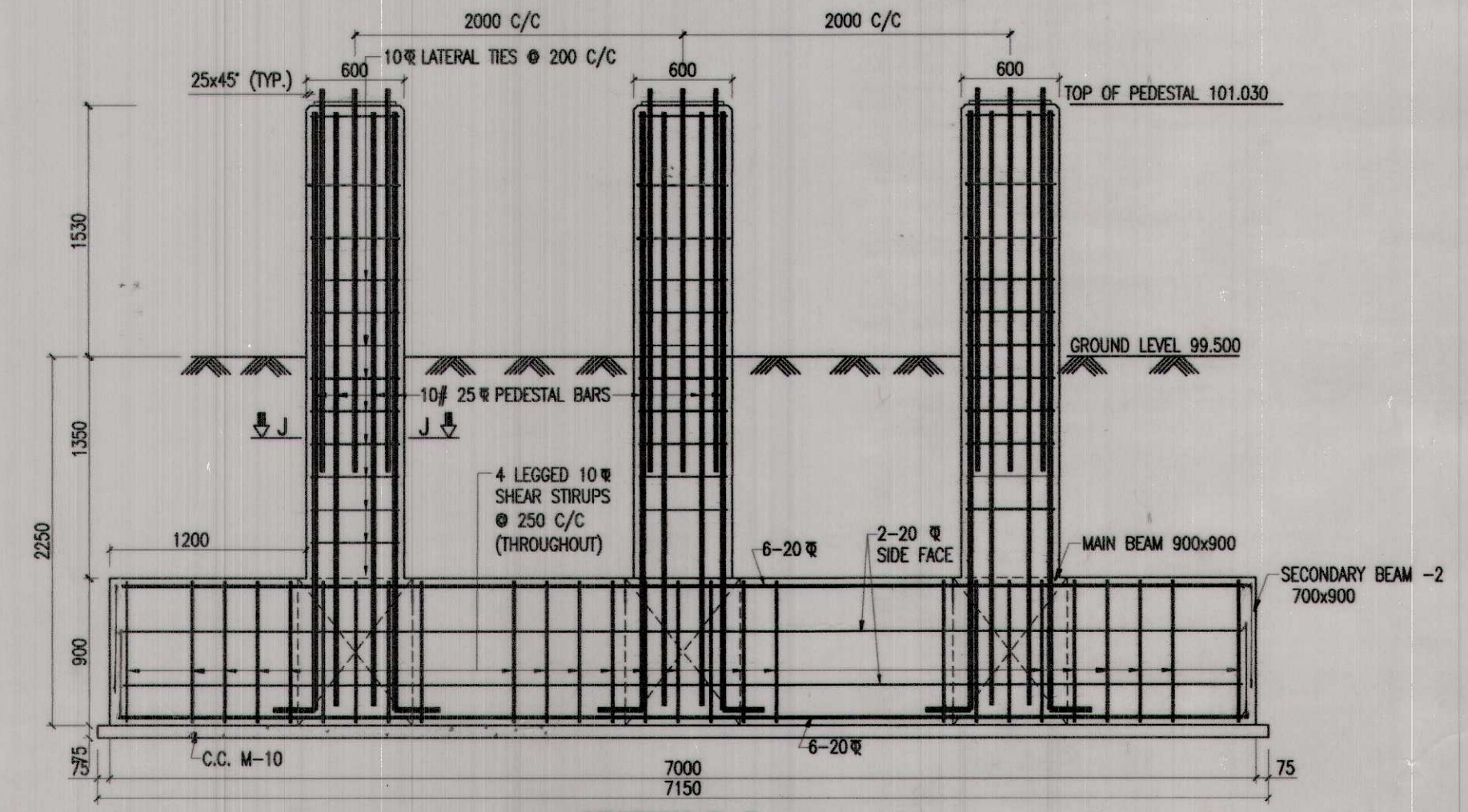
SECTION B-B
(BEAM REINFORCEMENT NOT SHOWN FOR CLARITY)



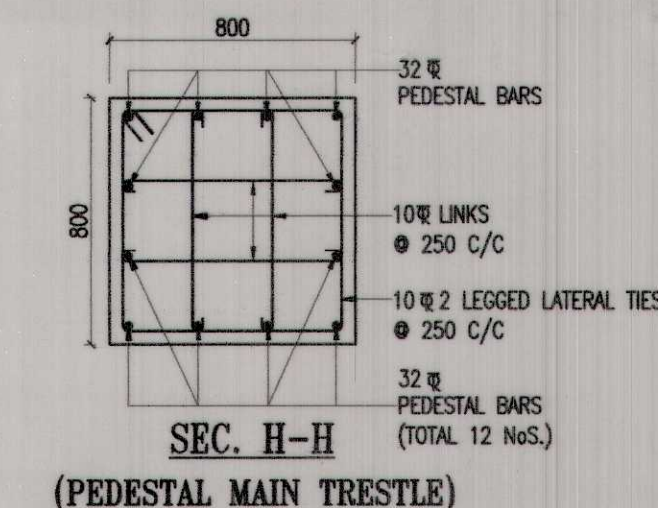
DETAIL OF FOUNDATION PLAN T3F1



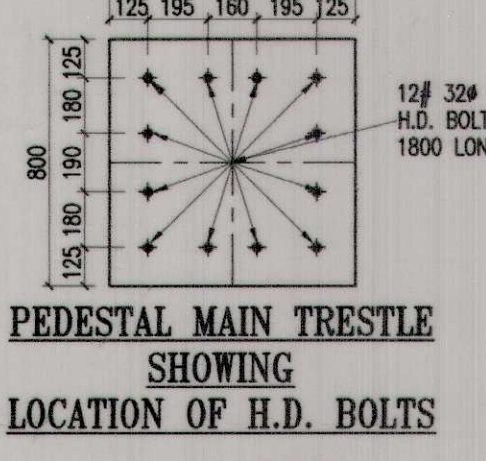
SECTION C-C
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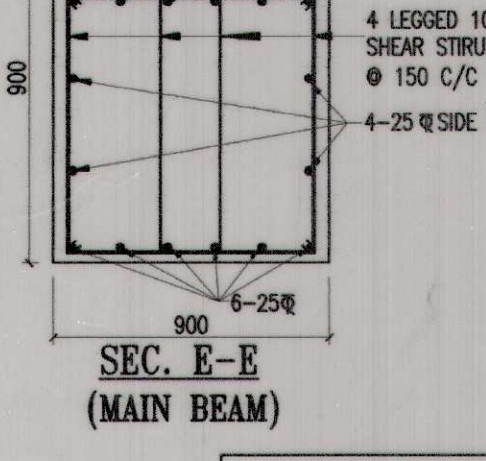
SECTION D-D
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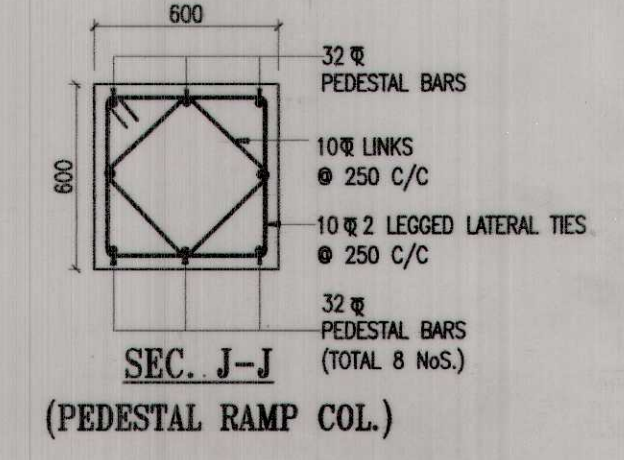
SEC. H-H
(PEDESTAL MAIN TRESTLE)



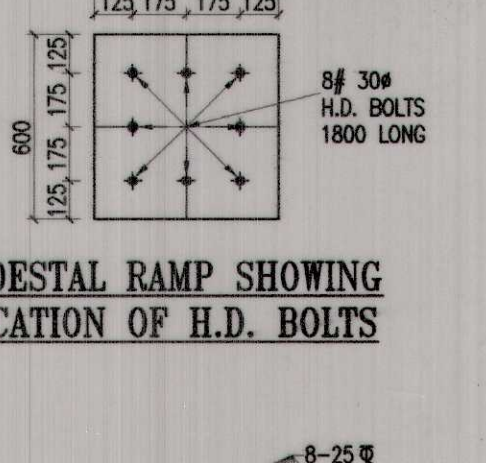
PEDESTAL MAIN TRESTLE
SHOWING
LOCATION OF H.D. BOLTS



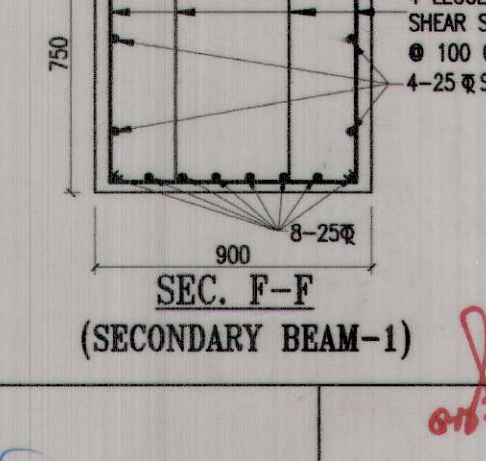
SEC. E-E
(MAIN BEAM)



SEC. J-J
(PEDESTAL RAMP COL.)



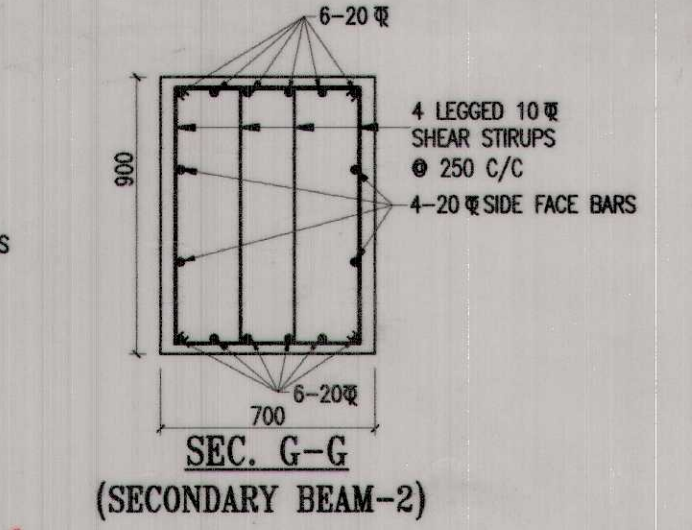
PEDESTAL RAMP SHOWING
LOCATION OF H.D. BOLTS



SEC. F-F
(SECONDARY BEAM-1)

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FOUNDATION LAYOUT PLAN	SHEET No. 2
DETAIL OF TRESTLE FOUNDATION	SHEET No. 3A, 3B
DETAIL OF STAIRCASE FOUNDATIONS	SHEET No. 4A, 4B
DETAIL OF RAMP FOUNDATIONS	SHEET No. 5A, 5B



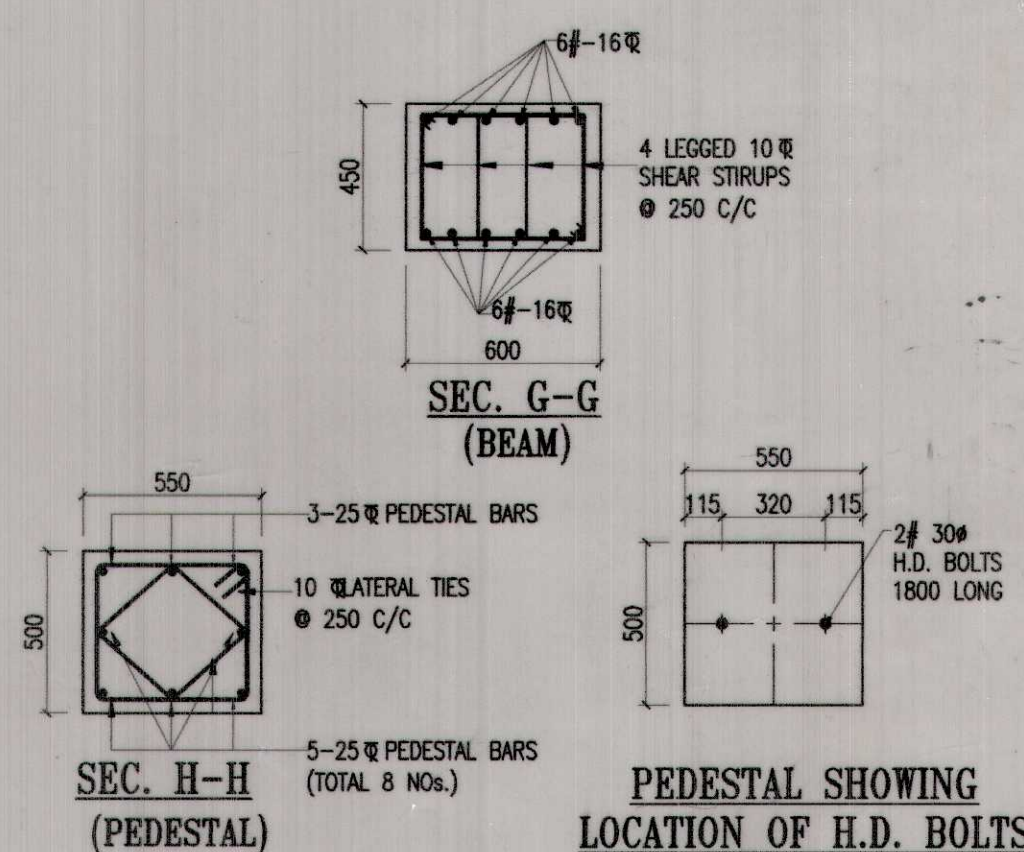
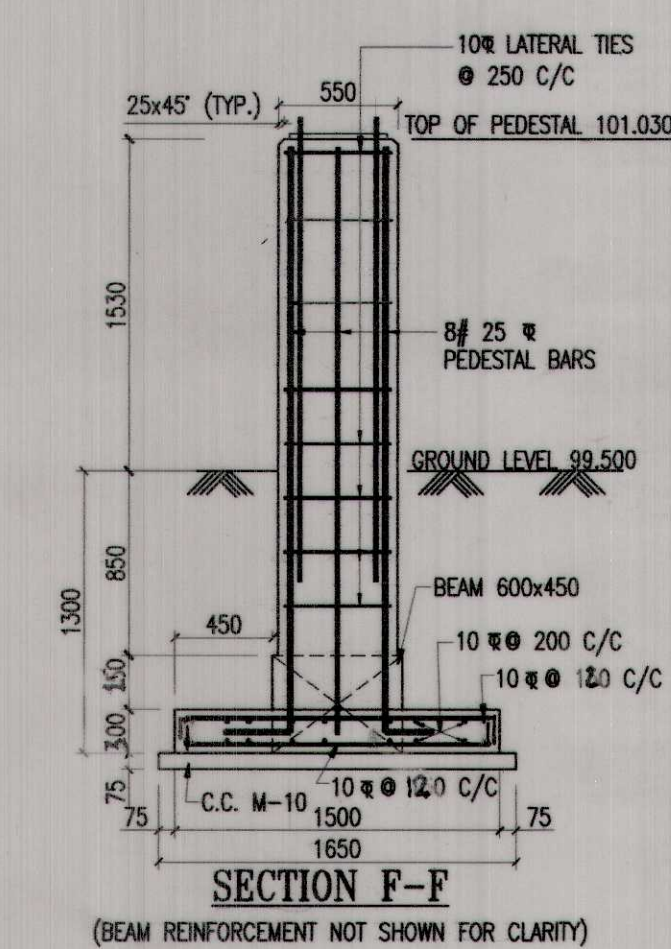
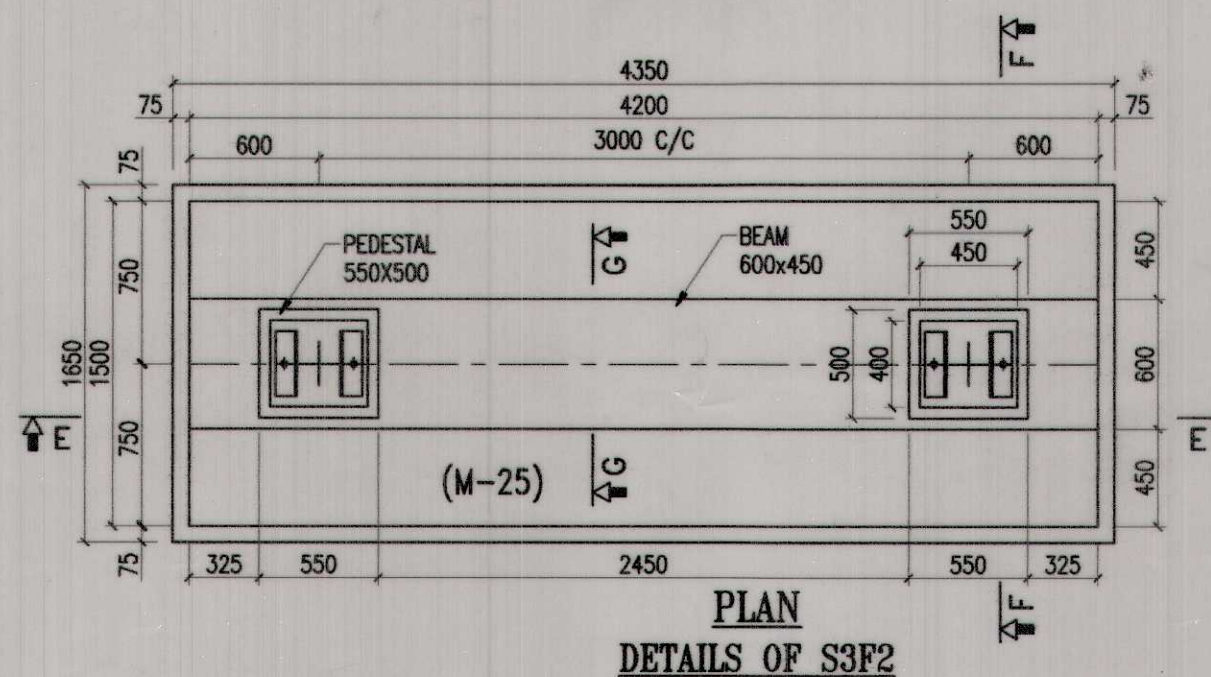
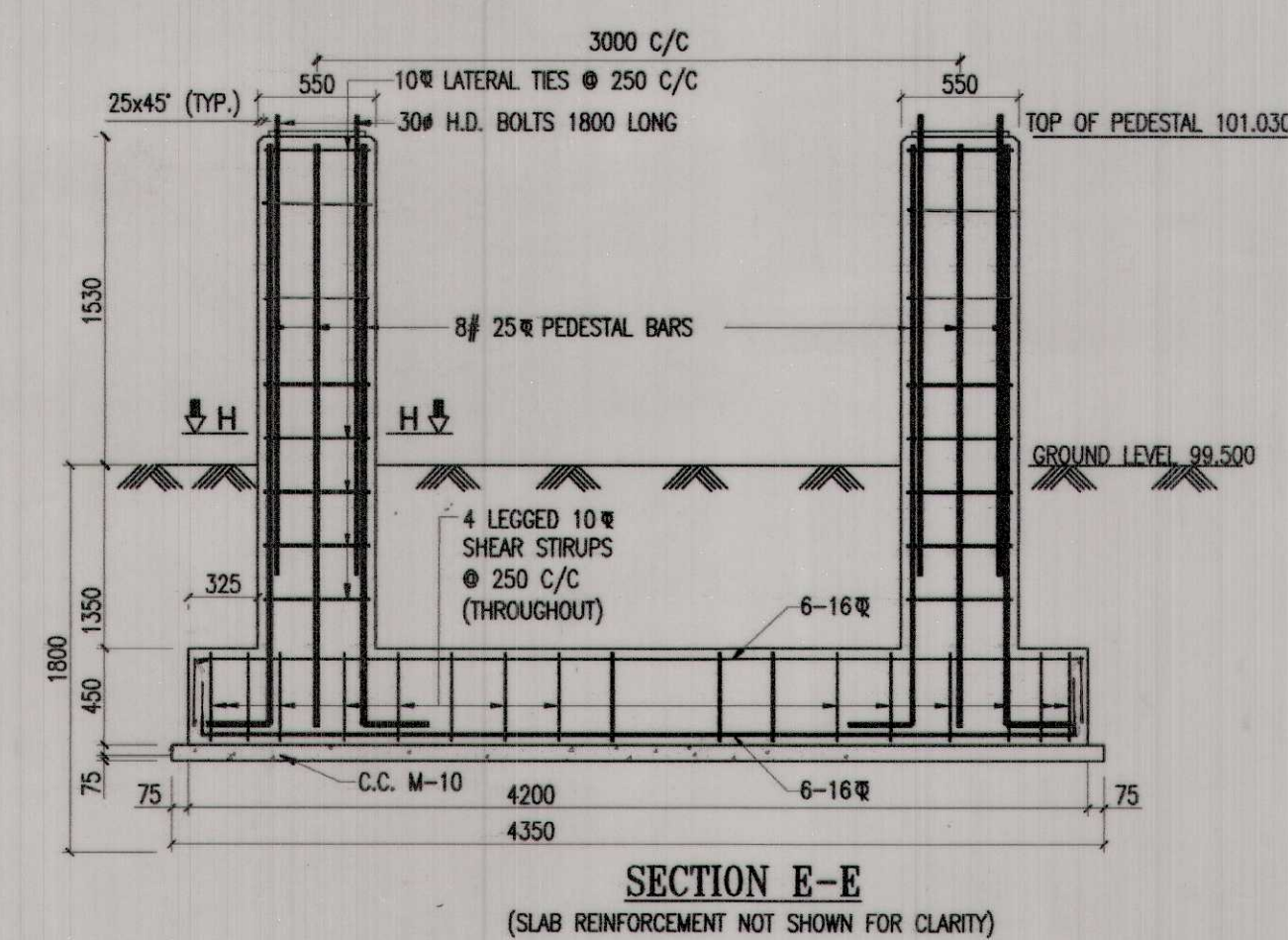
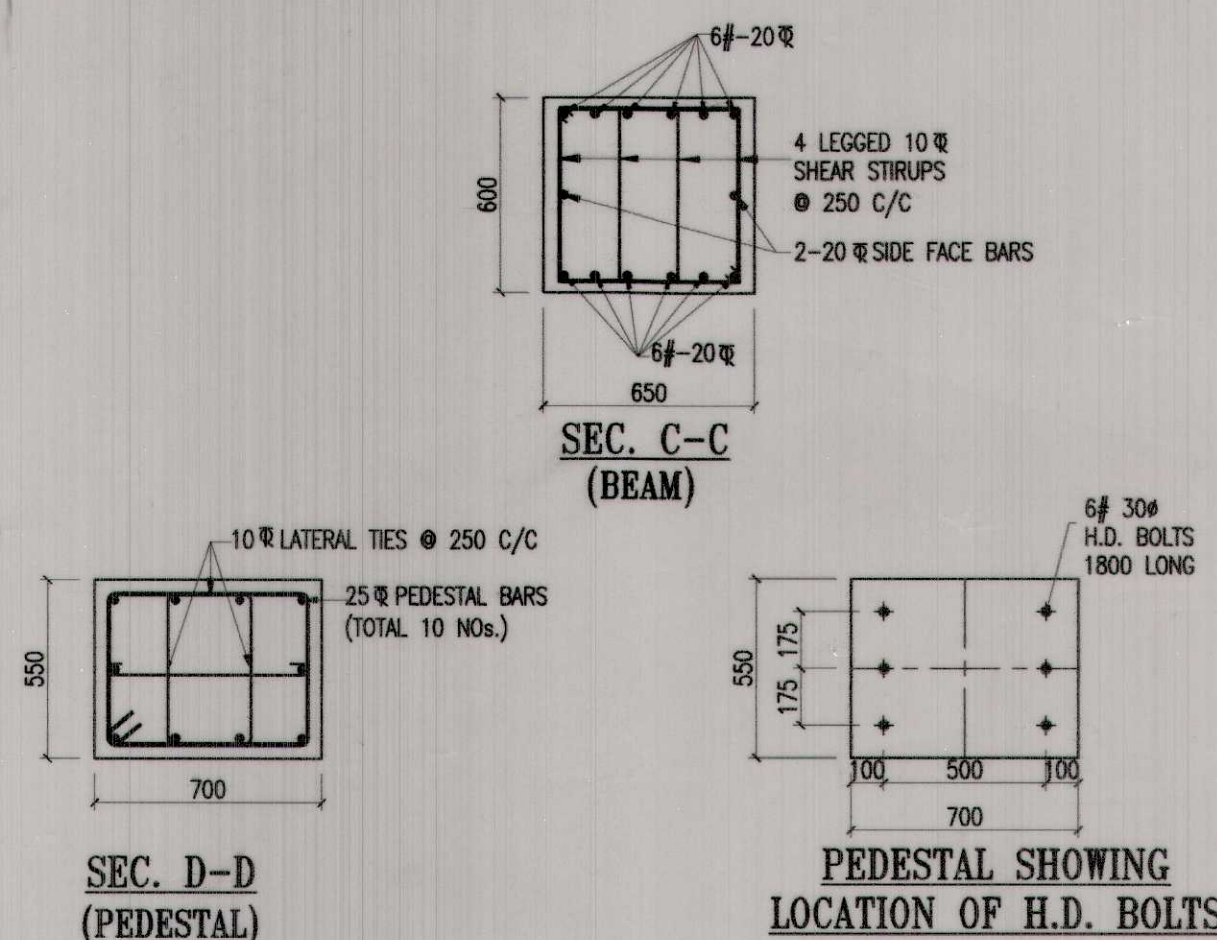
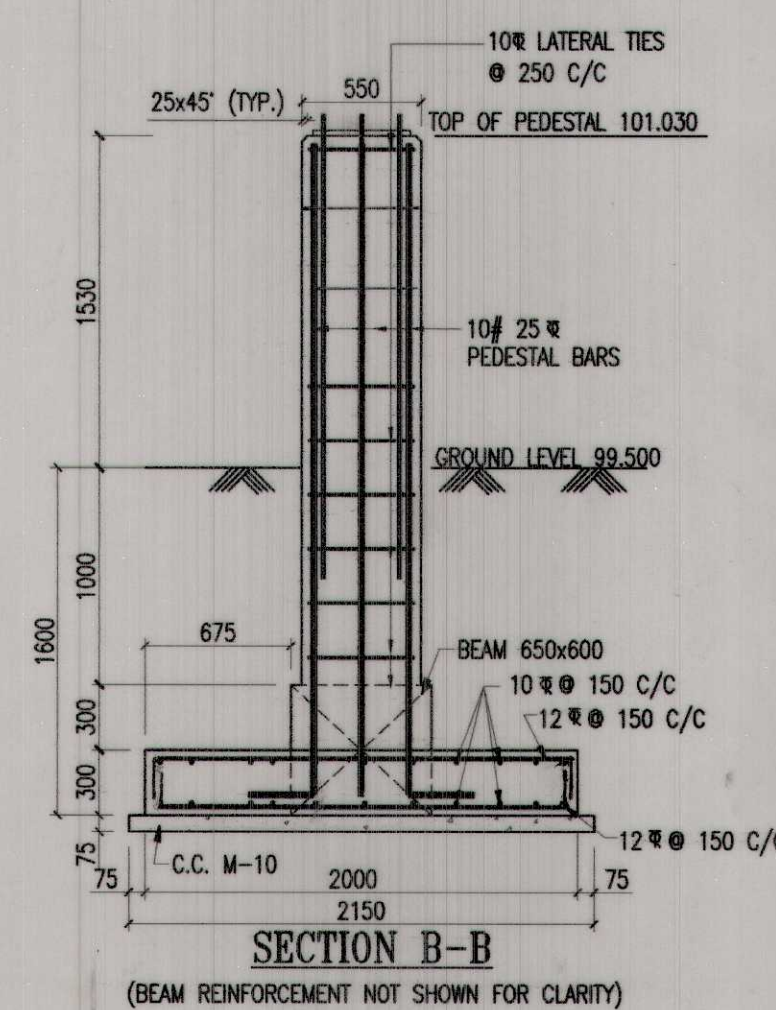
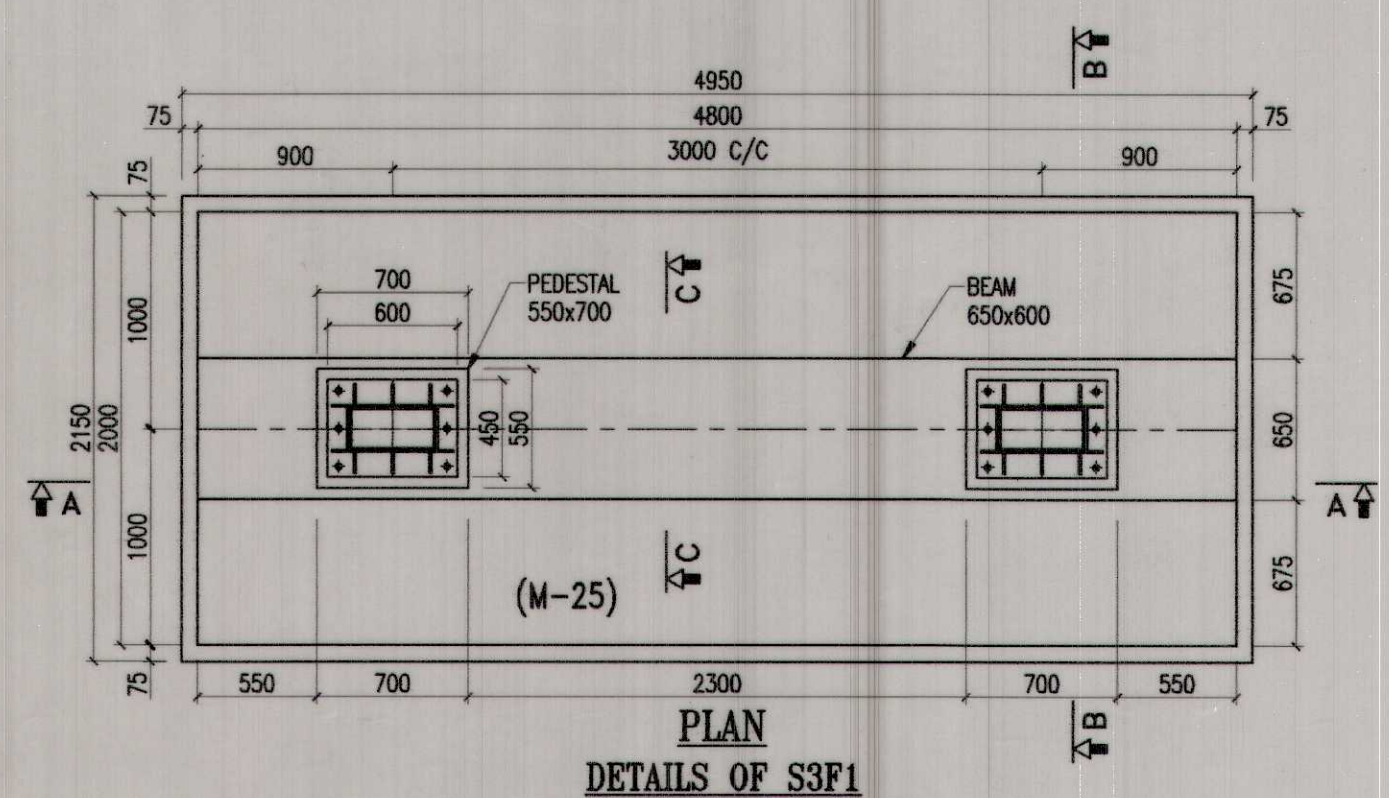
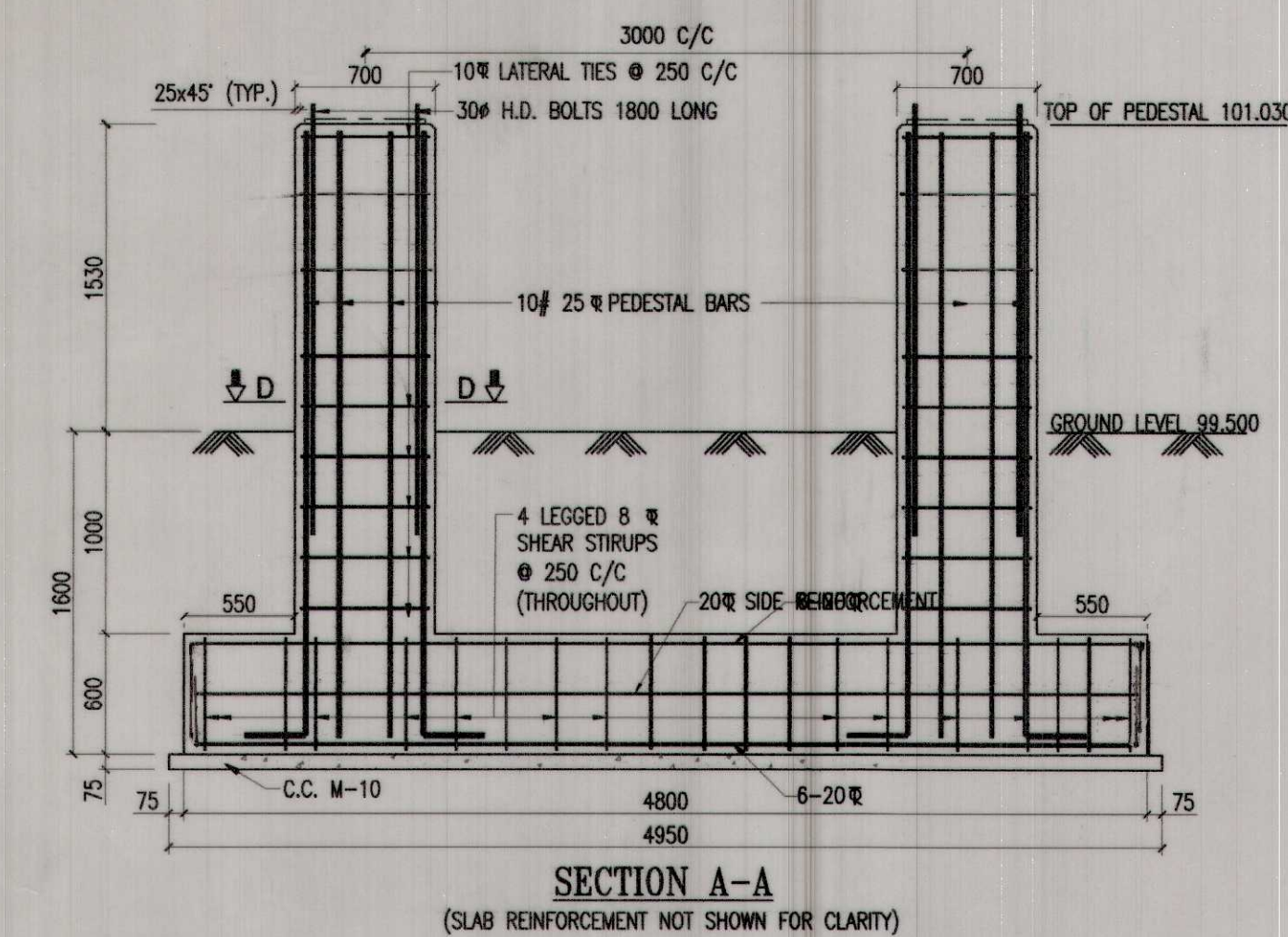
SEC. G-G
(SECONDARY BEAM-2)

AGENCY PANKAJ JAIN CONTRACTORS Vimal Jindal AUTH. SIGNATORY		CBE (B.B.S. TOMAR) SR. DEN-N/UMB DY. CE/BD (S.K. GARG)		AMBALA DIVISION PROPOSED 12.0 M WIDE FOOT OVER BRIDGE AT SIRHIND RAILWAY STATION UNDER AMRTI BHARAT STATION SCHEME ON UMB-LDH SECTION	
PROOF CHECKED BY V.D. SHARMA V.D. SHARMA DIVISIONAL OFFICERS		DESIGN & DRAWING AXEN/BD AXEN/BD HQ. OFFICERS		DIVL. PLAN NO: FB-177/SIR-2023/UMB FOUND. PLANS NRHQE PLAN No. FB-104/UMB SCALE:-1:35	
S.NO. REVISION DATE APPROVED		DIVISIONAL OFFICERS		HQ. OFFICERS	
REVISION		DIVISIONAL OFFICERS		HQ. OFFICERS	

DETAIL OF TRESTLE FOUNDATION T3F1

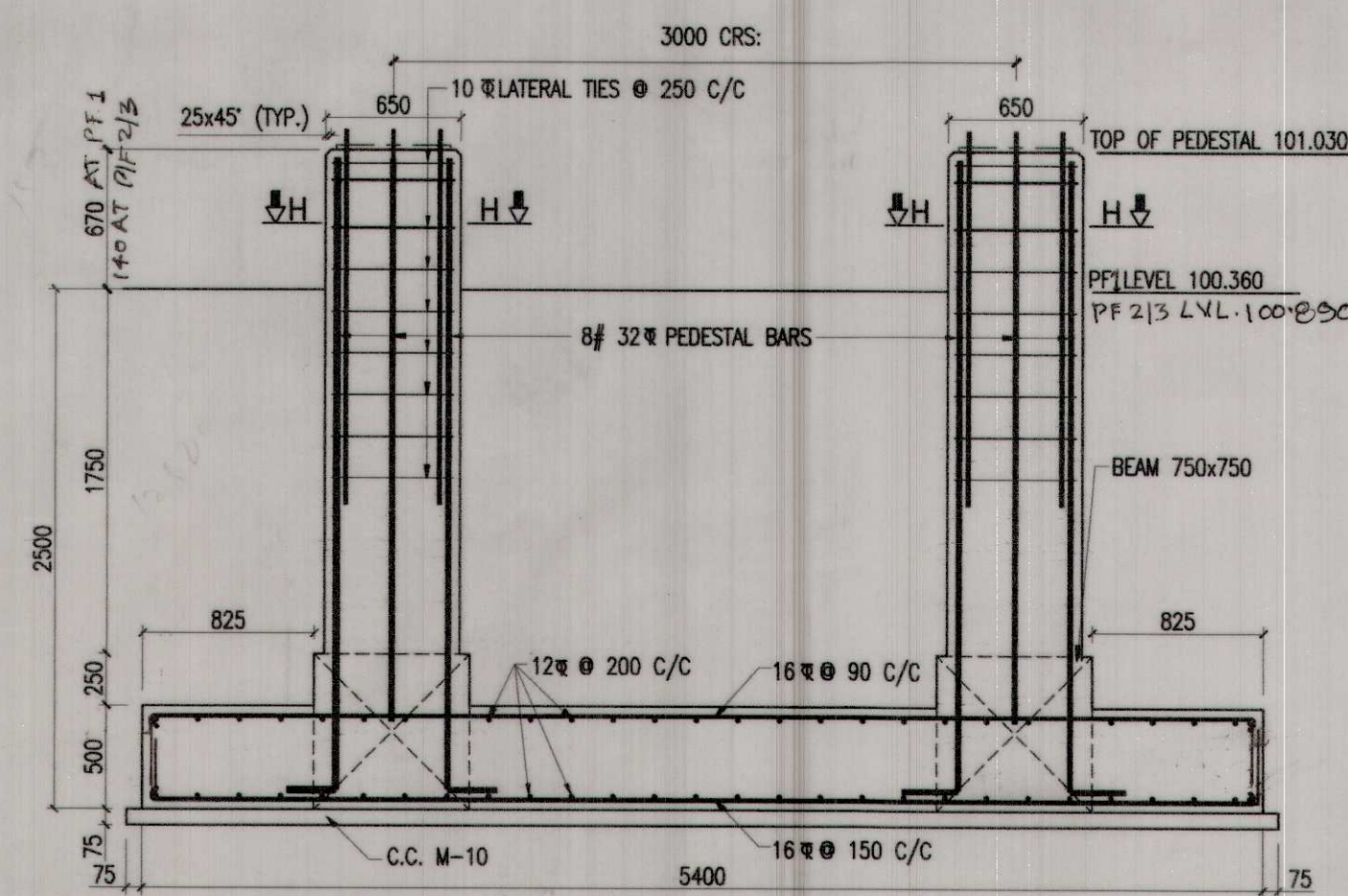
NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETERS & LEVELS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
2. DO NOT SCALE, FOLLOW WRITTEN DIMENSION ONLY.
3. TOP OF PEDestal OF STAIRCASE S1F2 & S2F2 IS INDICATIVE ONLY. IT SHOULD BE VERIFIED BEFORE CASTING OF FOUNDATIONS.
4. FOR OTHER NOTES REFER SHEET NO. 1
5. READ THIS DRAWING IN CONJUNCTION WITH RELEVANT SHEETS.

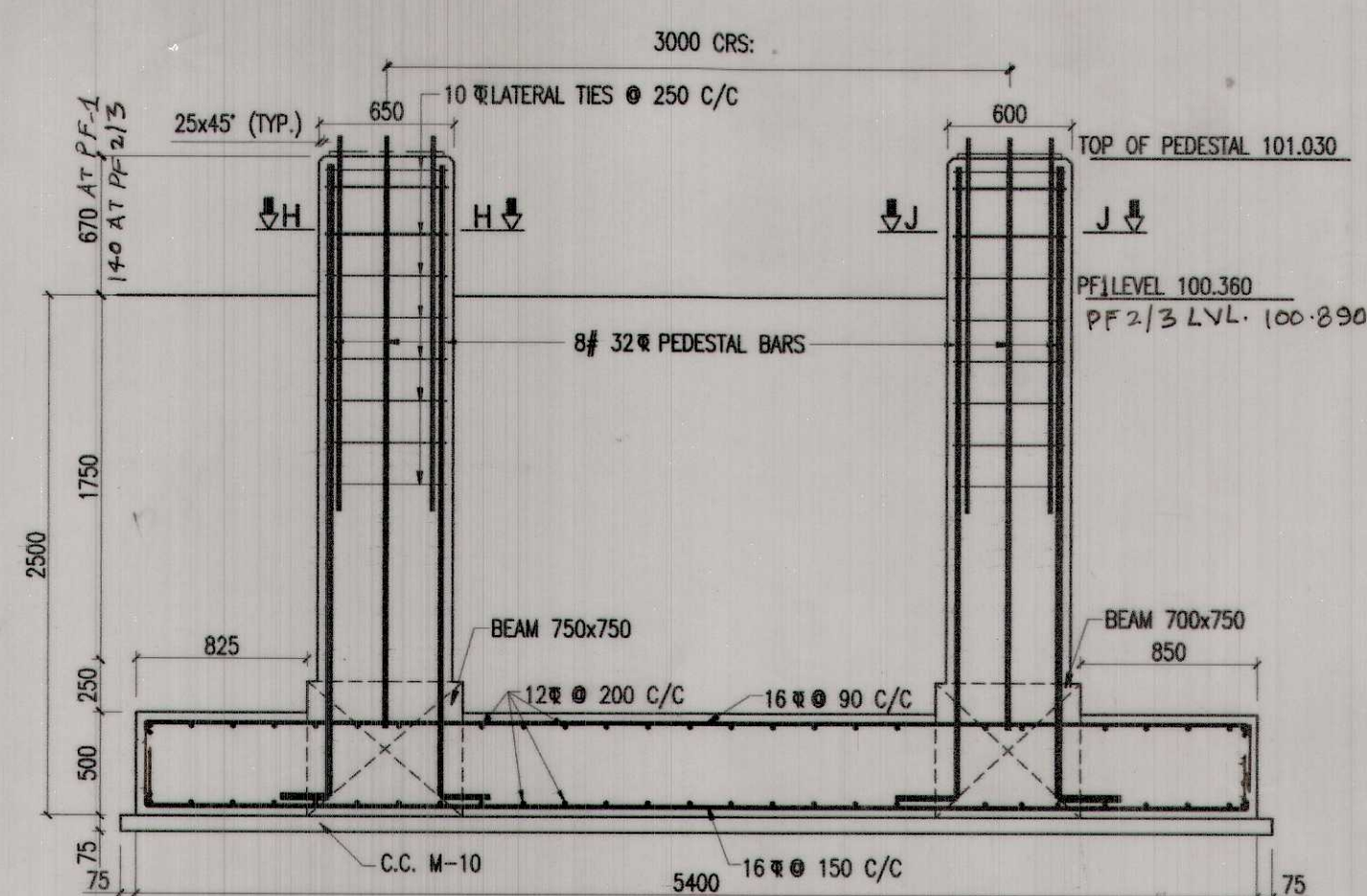


FOR	SEE
GENERAL ARRANGEMENT	NRRQE PLAN NO. FB-104/UMB
FOUNDATION LAYOUT PLAN	SHEET No-2
DETAIL OF TRESTLE FOUNDATION	SHEET No-2A, 2B, 2C
DETAIL OF STAIRCASE FOUNDATIONS	SHEET No-4A, 4B
DETAIL OF RAMP FOUNDATIONS	SHEET No-5A, 5B

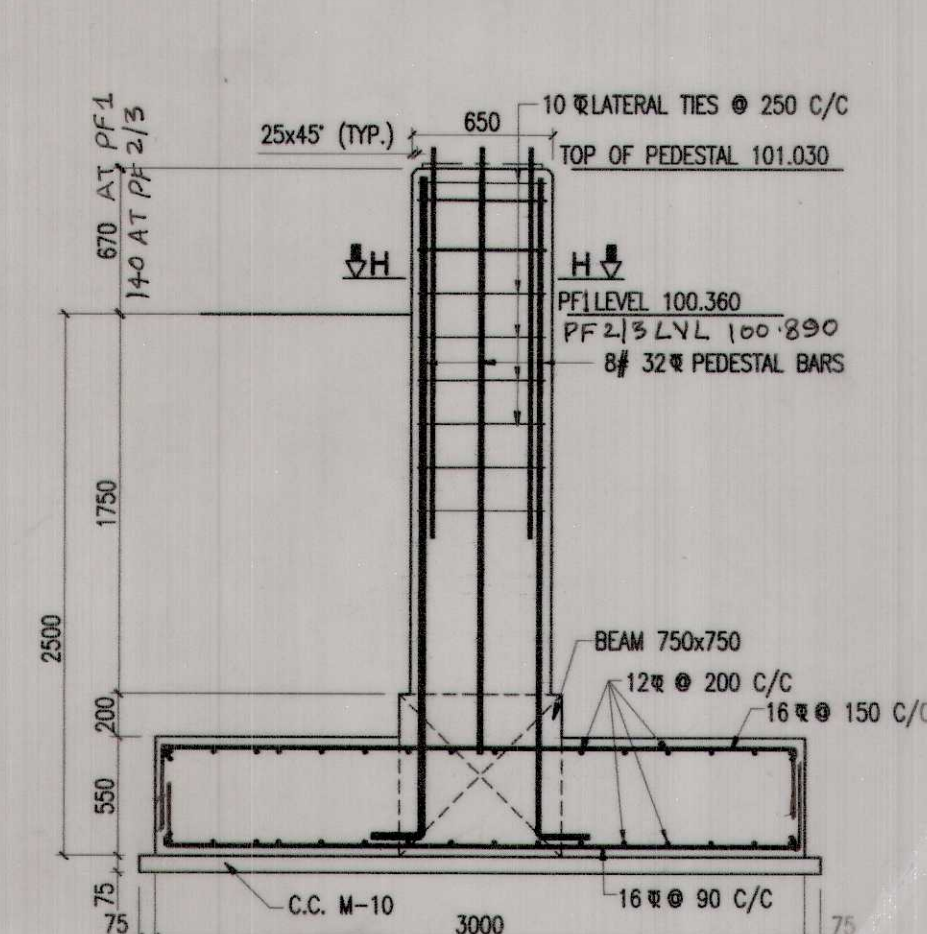
				AGENCY		AMBALA DIVISION	
				PARAJANJAL CONTRACTOR <i>Vimal Jindal</i> AUTH. SIGNATORY		PROPOSED 12.0 M WIDE FOOT OVER BRIDGE AT SIRHIND RAILWAY STATION UNDER AMRIT BHARAT STATION SCHEME ON UMB-LDH SECTION	
				DESIGN & DRAWING		DETAIL OF STAIRCASE FOUNDATIONS S3F1, S3F2	
				V.D. SHARMA ME (Structures), FIE CHIEF ENGINEER		DIVL. PLAN NO:- FB-177/SIR-2023/UMB/ FOUND. PLANS NRHQE PLAN No. FB-104/UMB	
REVISION				DIVISIONAL OFFICERS		HQ. OFFICERS	
SCALE:- 1:35				(SHEET No-)			



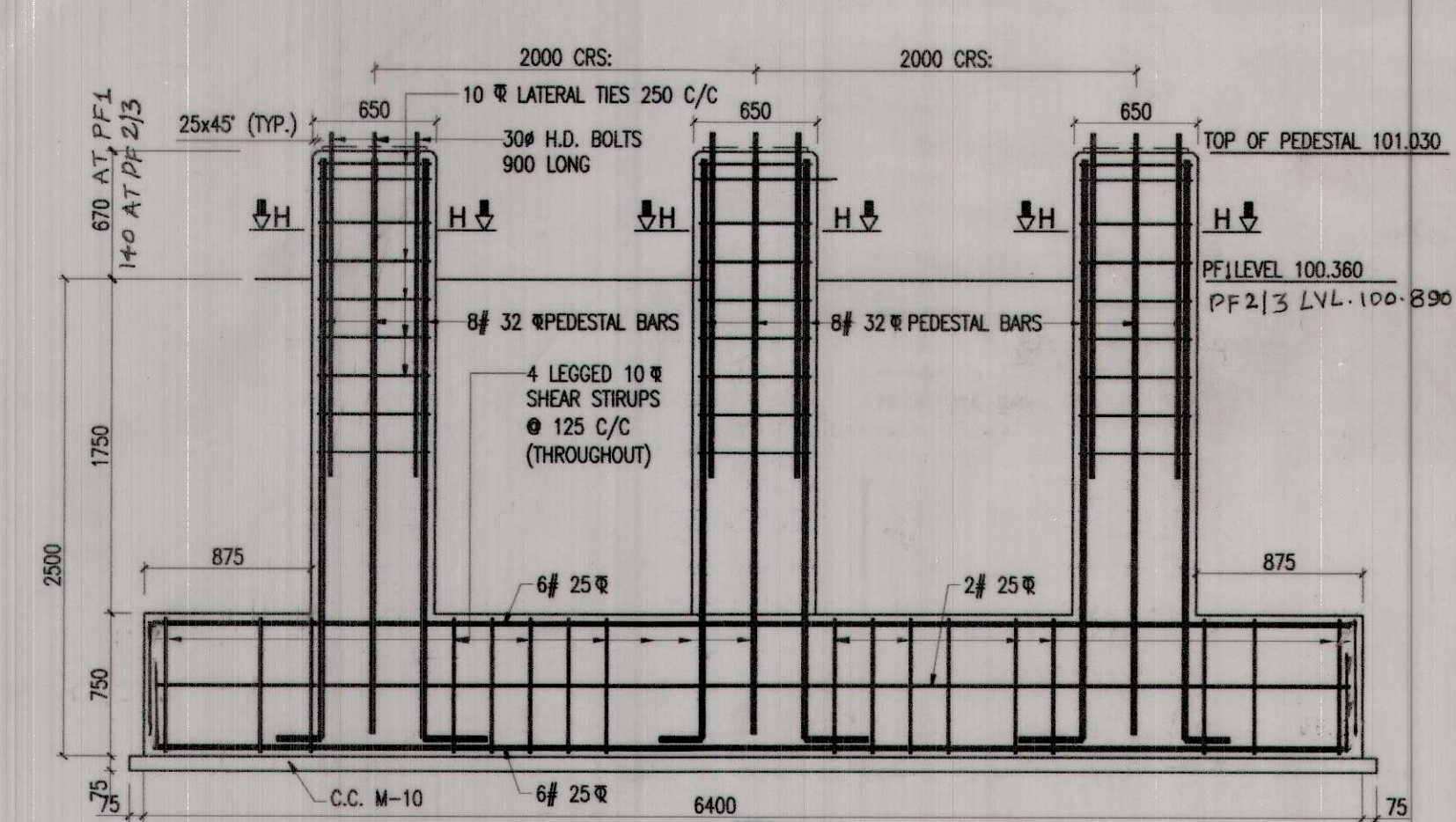
SECTION A-A
(BEAM REINFORCEMENT NOT SHOWN FOR CLARITY)



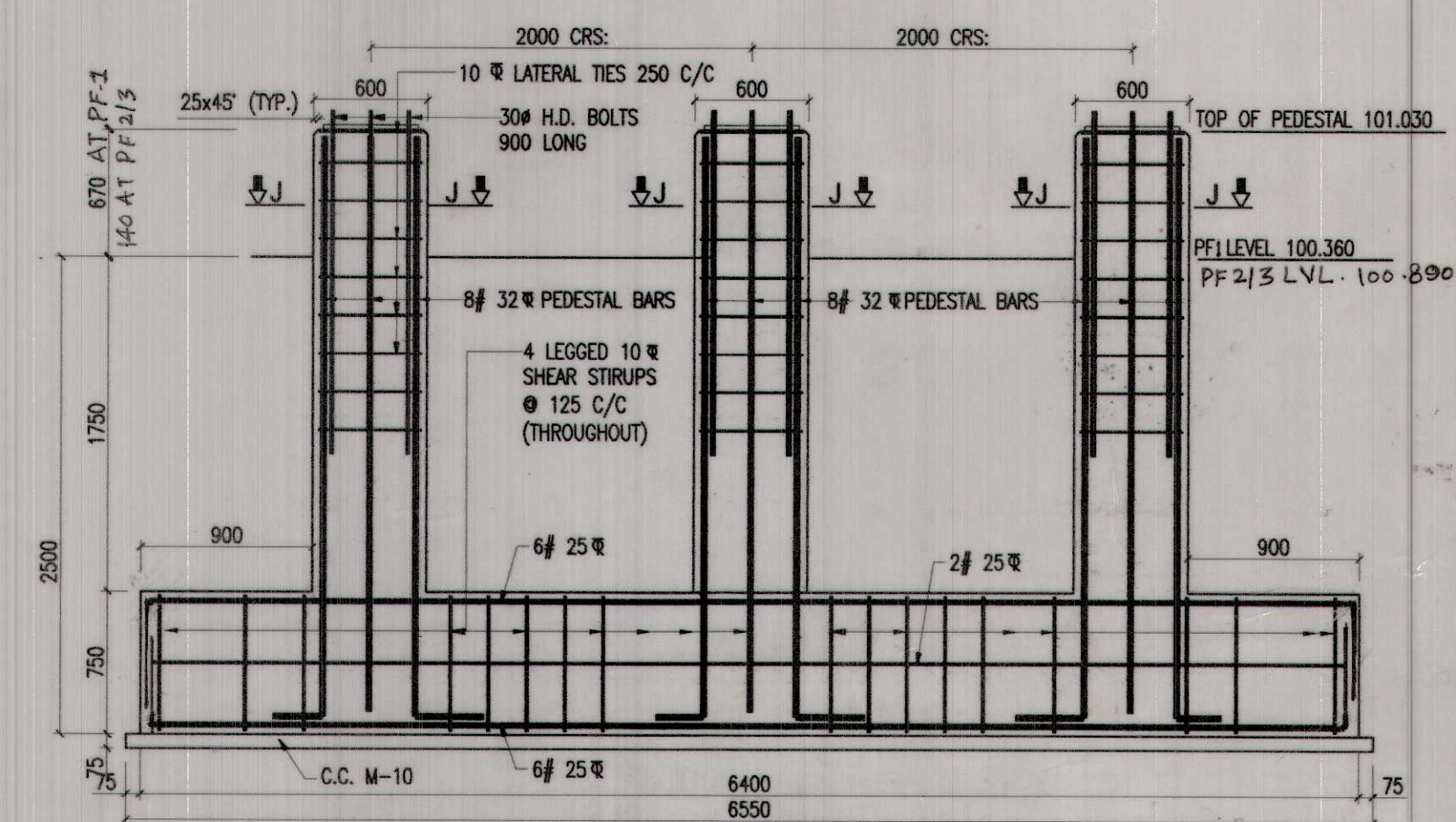
SECTION B-B
(BEAM REINFORCEMENT NOT SHOWN FOR CLARITY)



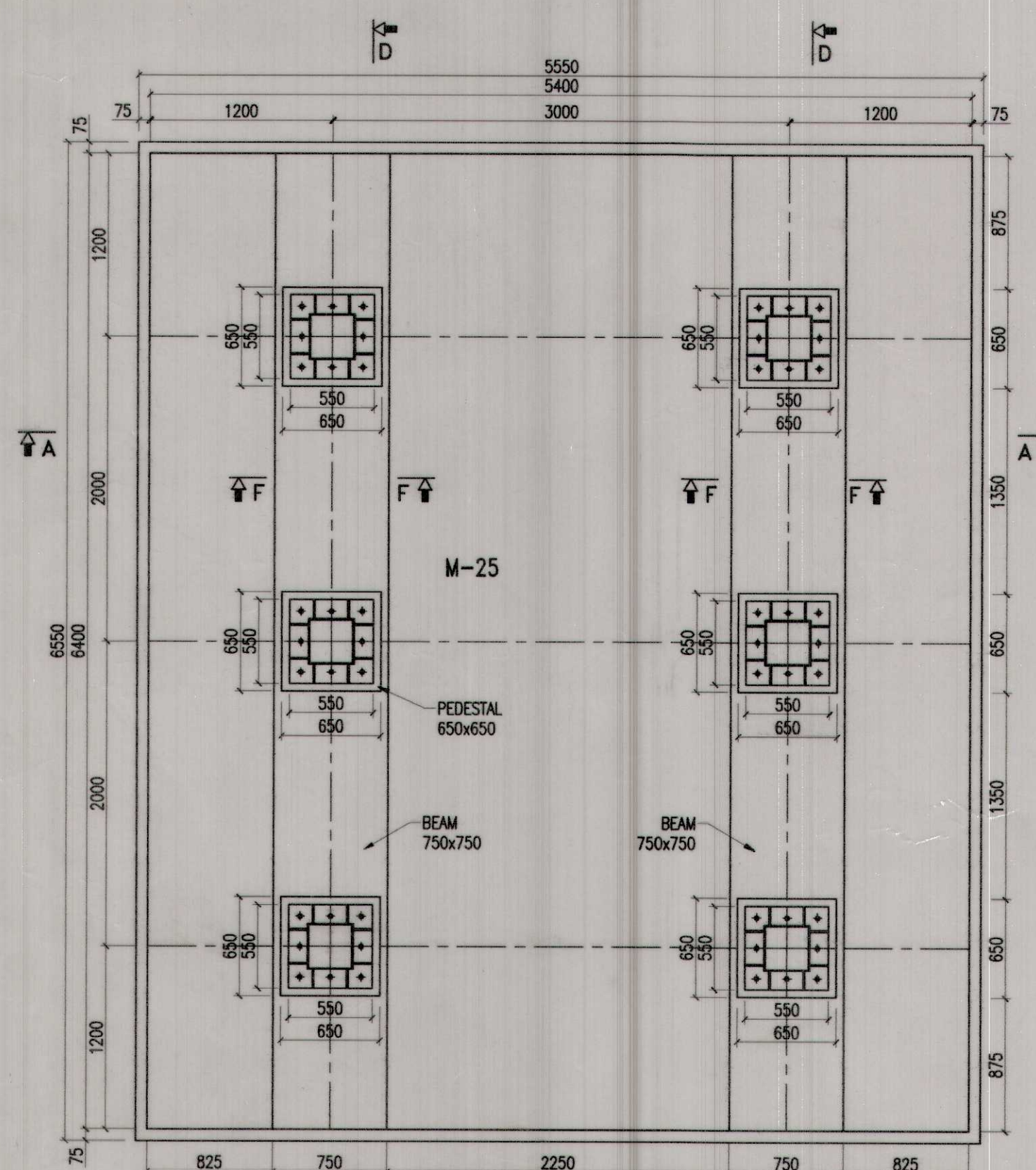
SECTION C-C
(BEAM REINFORCEMENT NOT SHOWN FOR CLARITY)



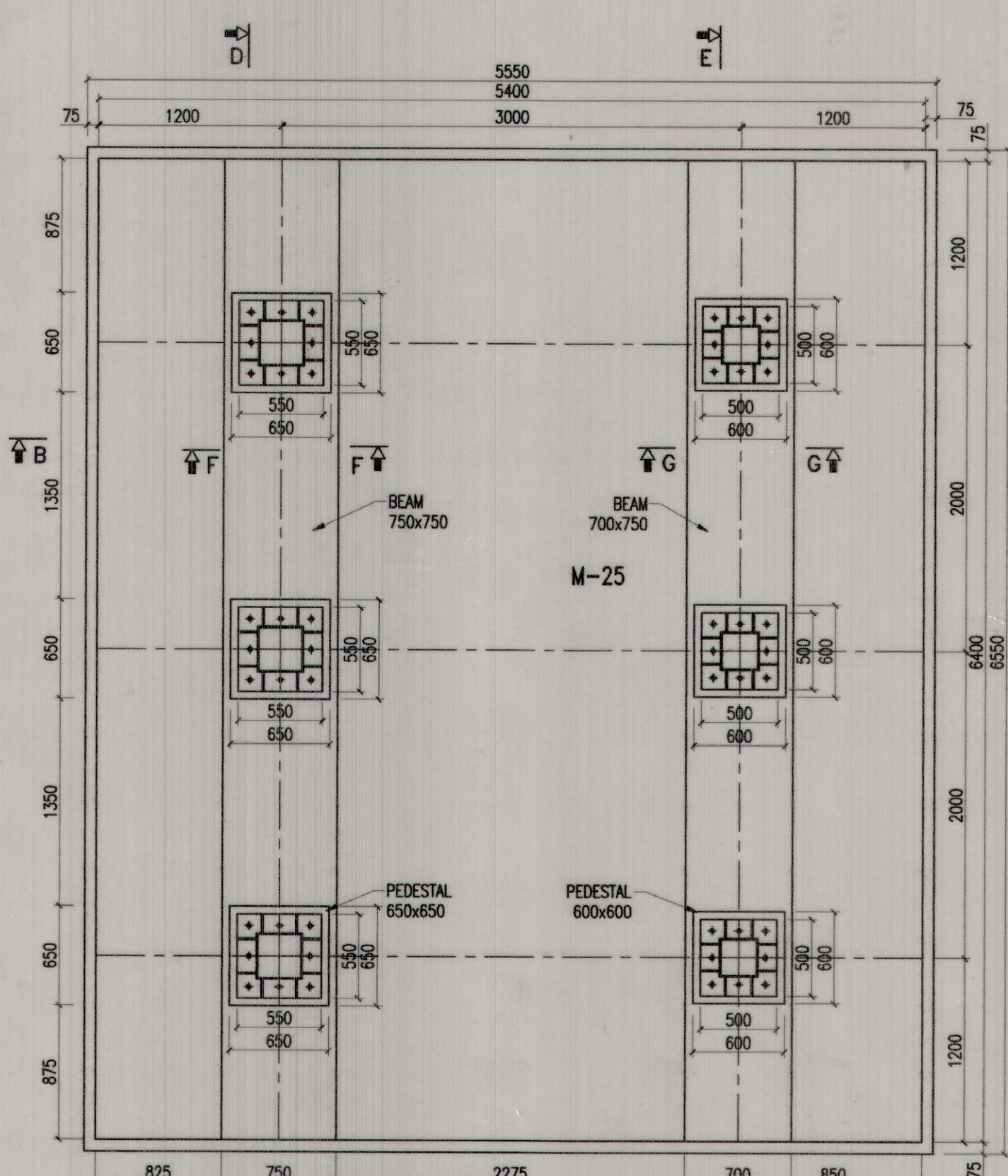
SECTION D-D
(SLAB REINFORCEMENT NOT SHOWN FOR CLARITY)



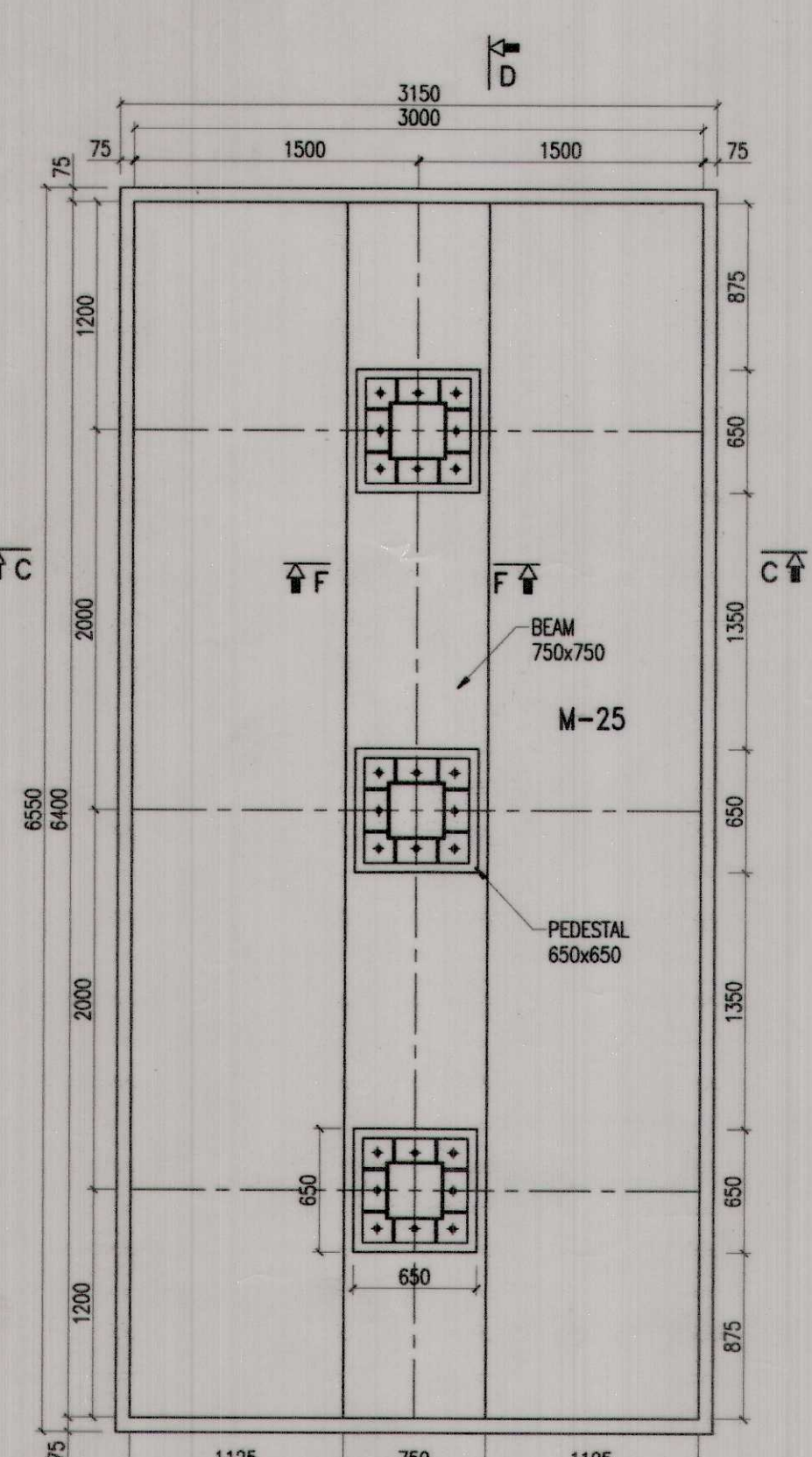
SECTION E-E
(SLAB REINFORCEMENT NOT SHOWN FOR CLARITY)



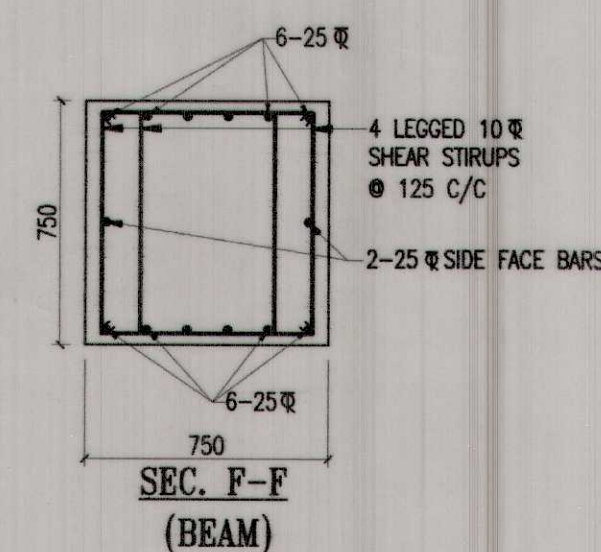
PLAN
DETAILS OF R1TF1 & R2TF1



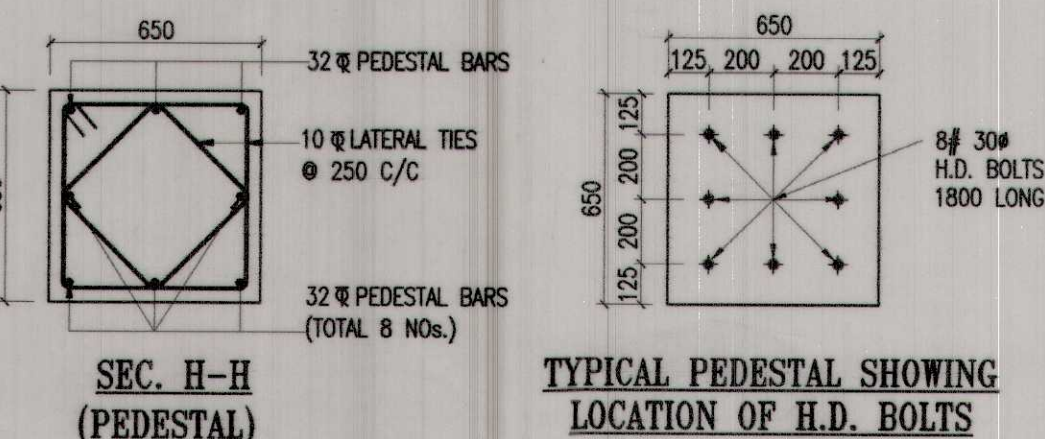
PLAN
DETAILS OF R1TF2 & R2TF2



PLAN
DETAILS OF R1F1 & R2F1

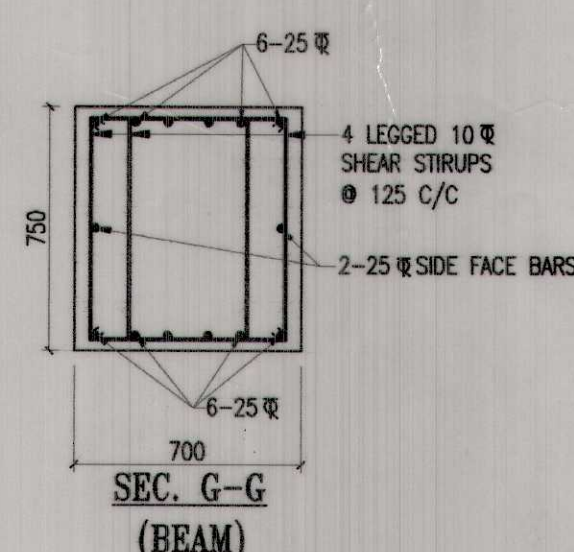


SEC. F-F
(BEAM)

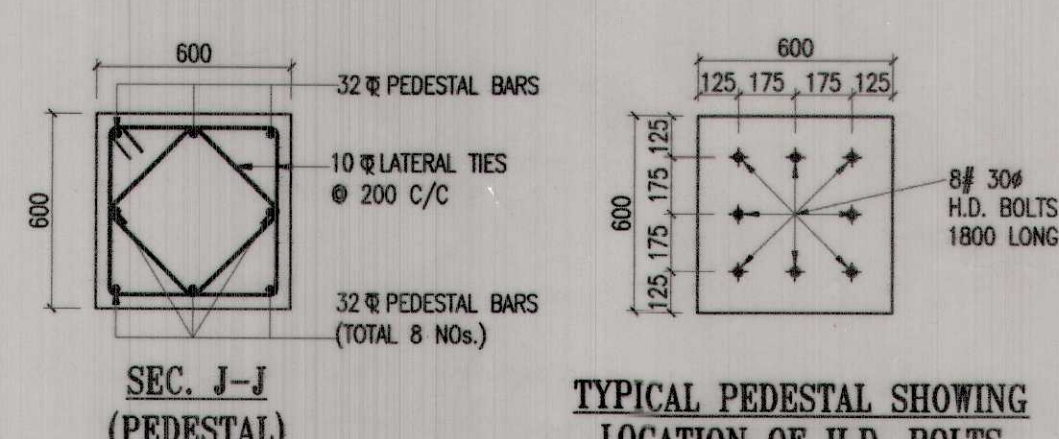


SEC. H-H
(PEDESTAL)

TYPICAL PEDESTAL SHOWING
LOCATION OF H.D. BOLTS



SEC. G-G
(BEAM)



SEC. J-J
(PEDESTAL)

TYPICAL PEDESTAL SHOWING
LOCATION OF H.D. BOLTS

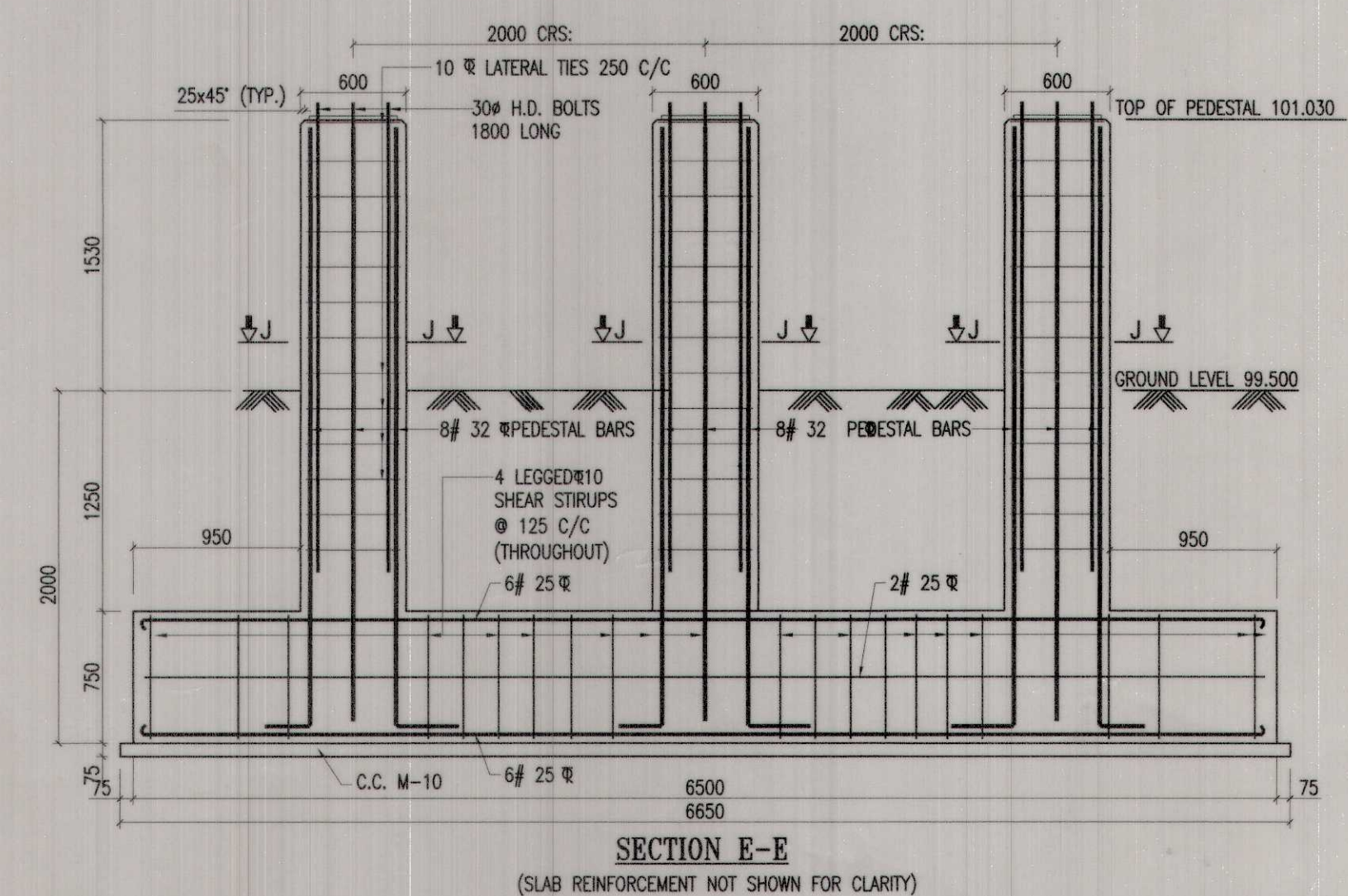
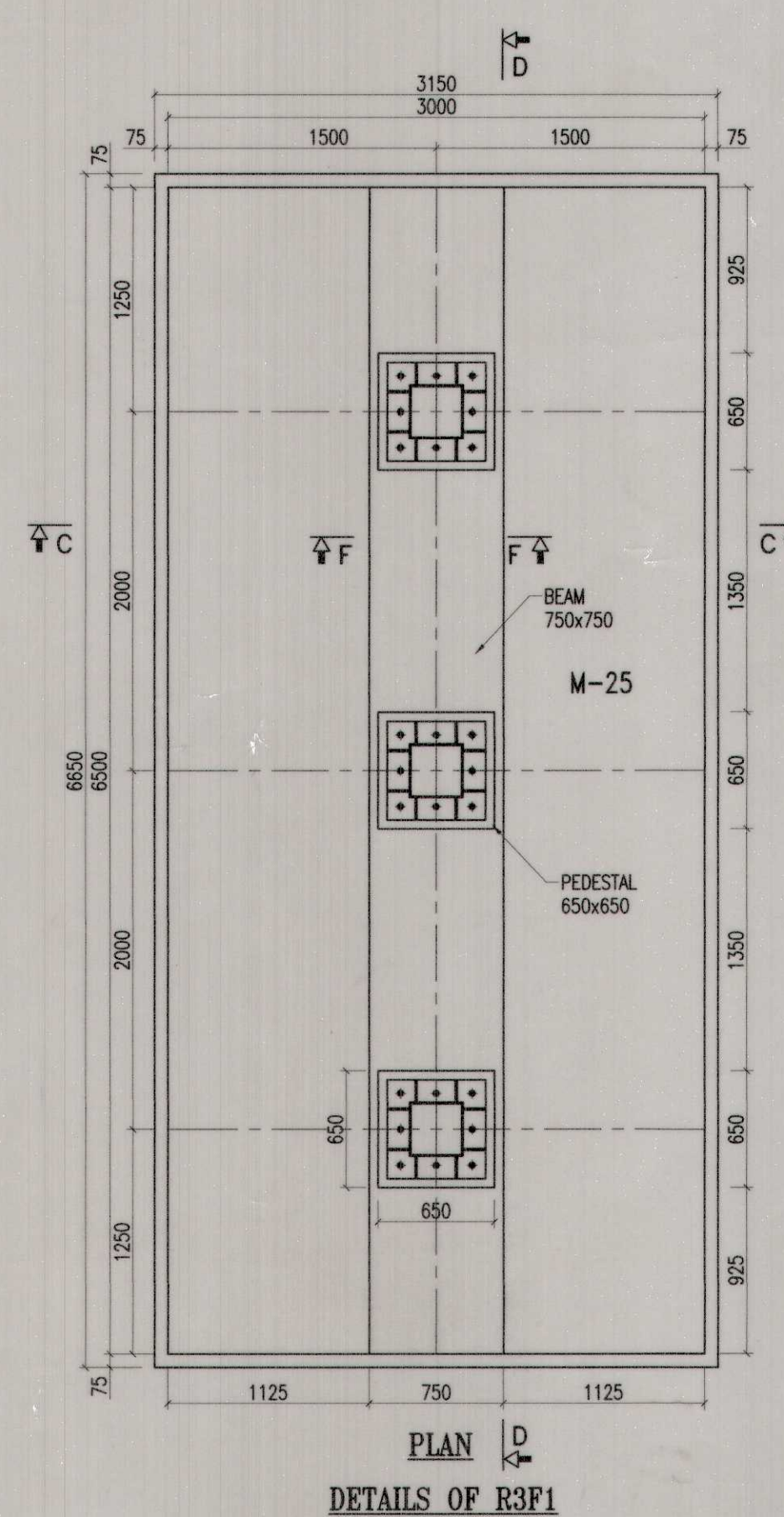
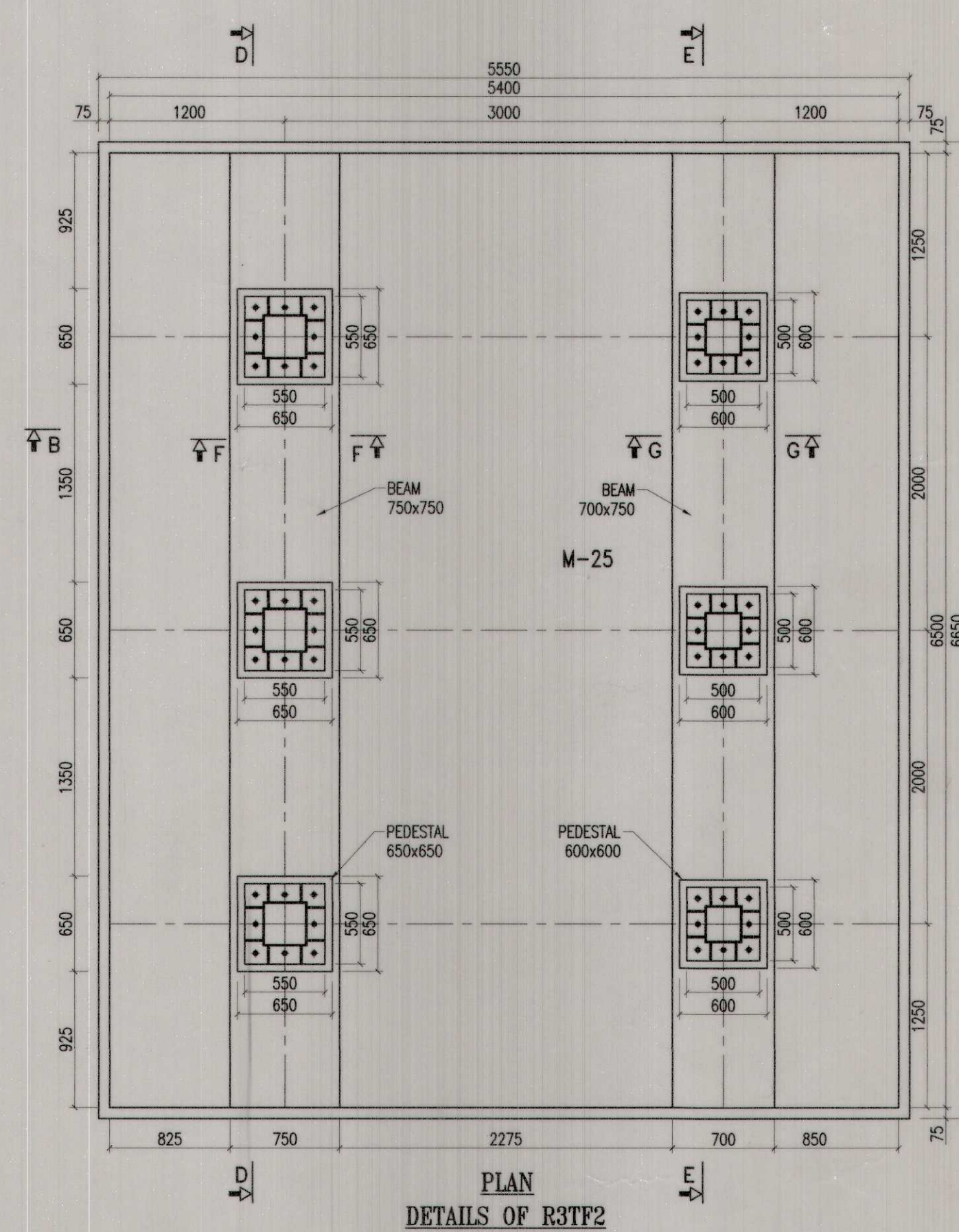
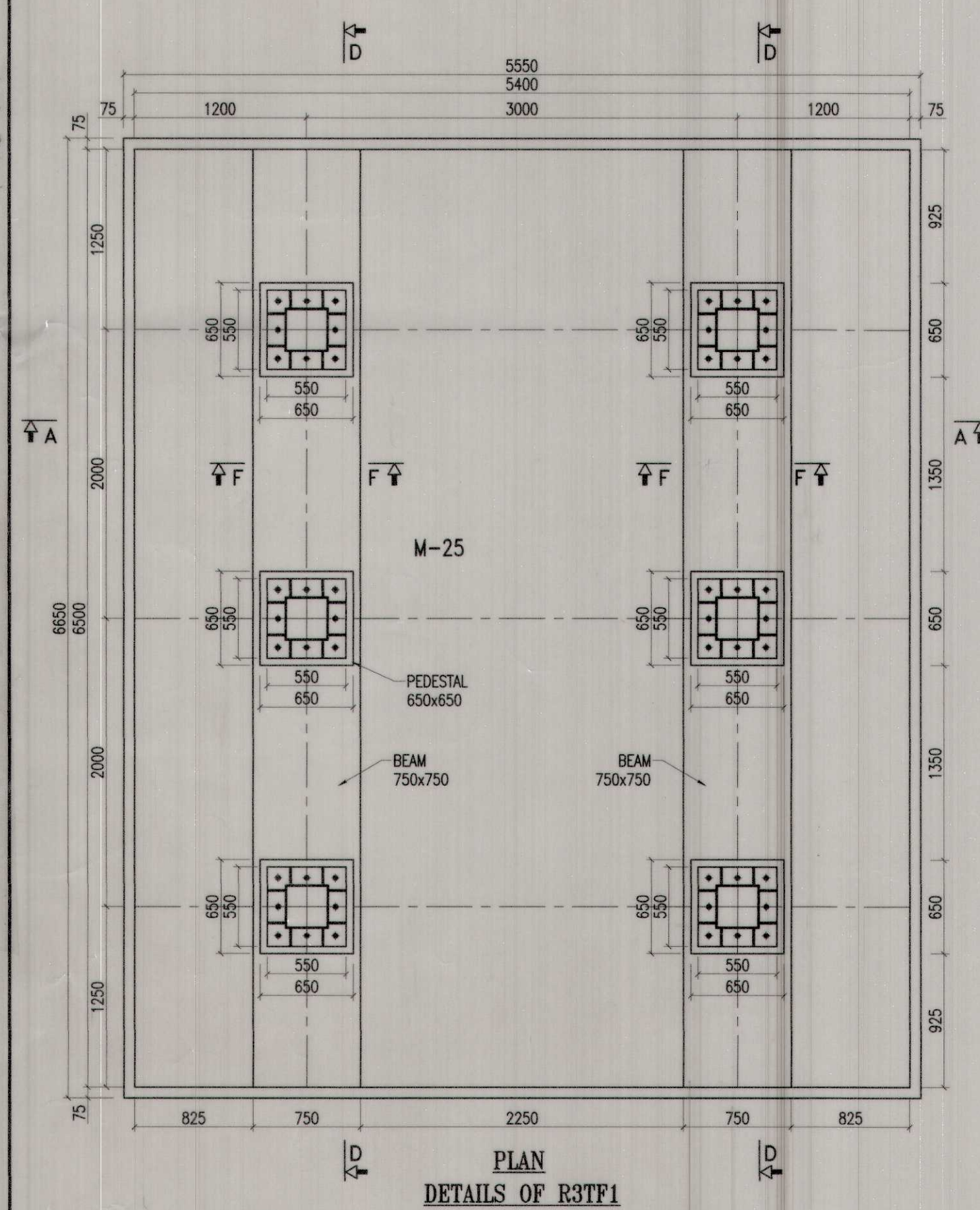
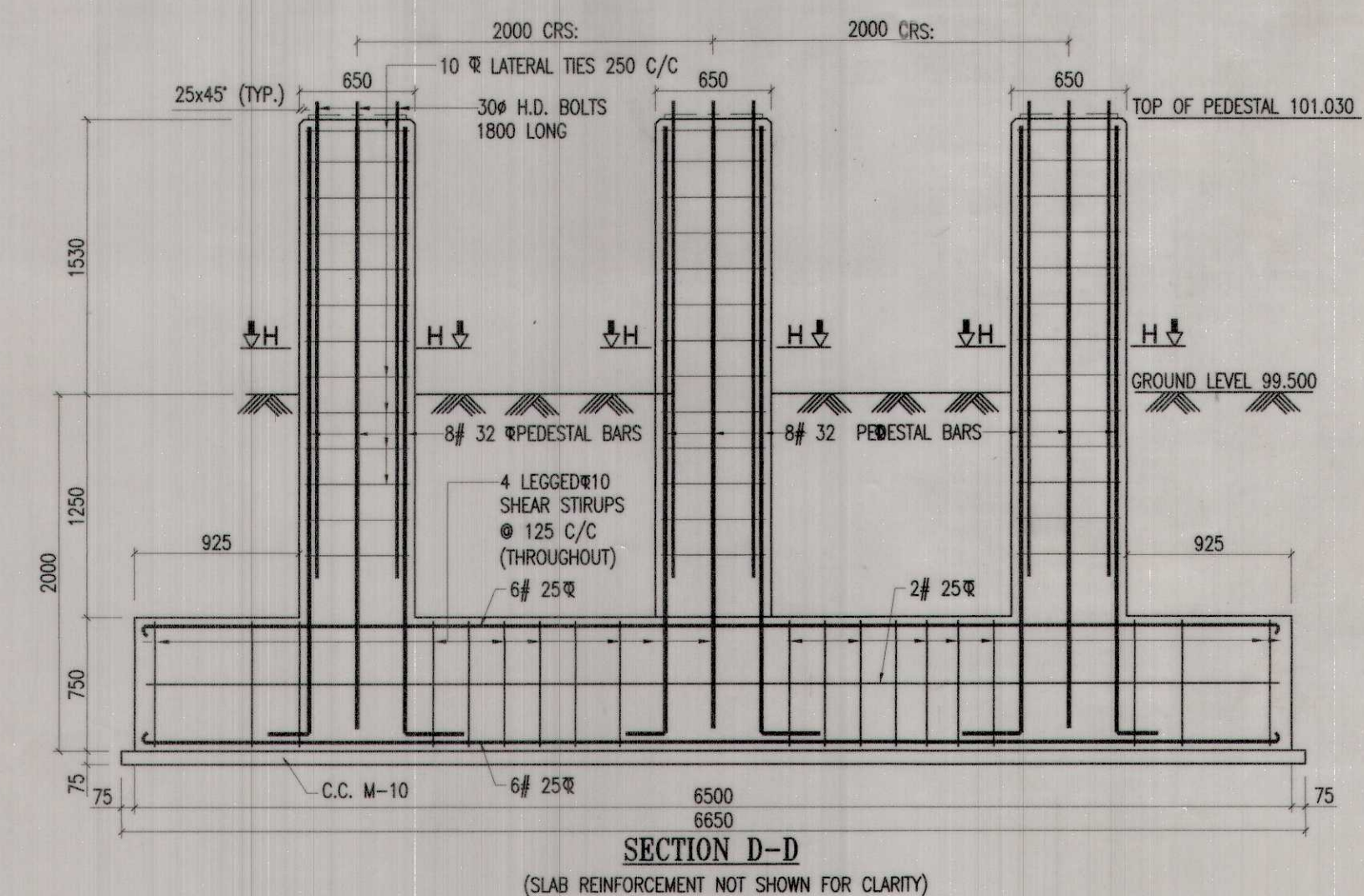
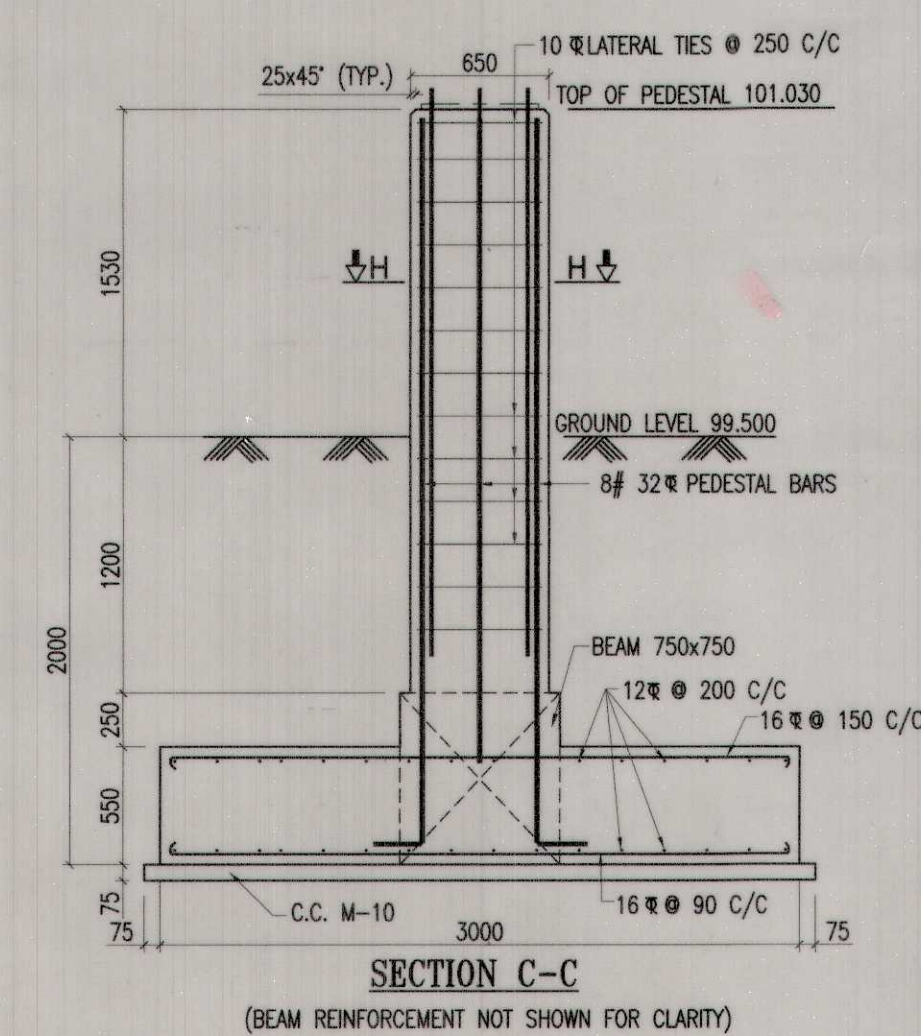
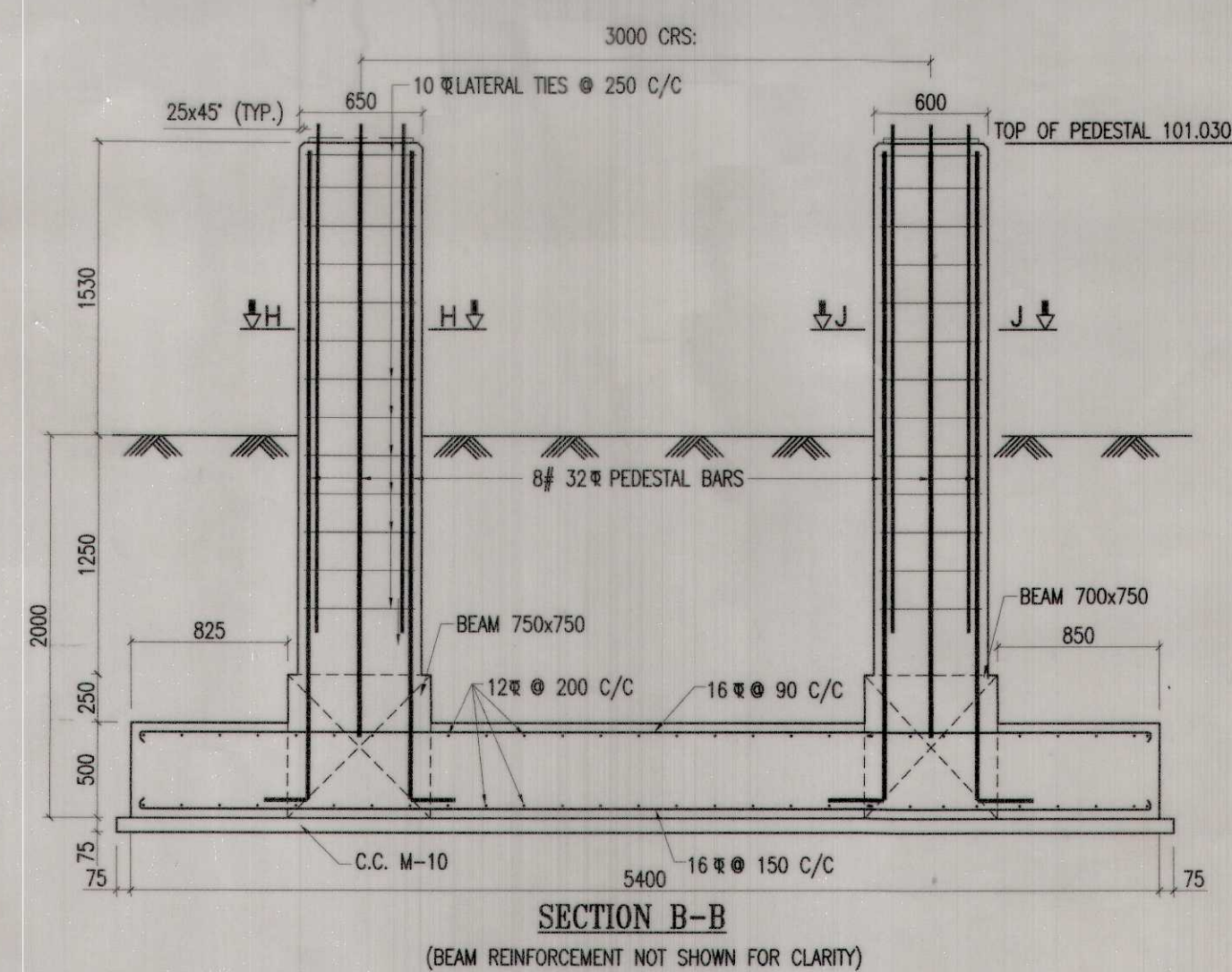
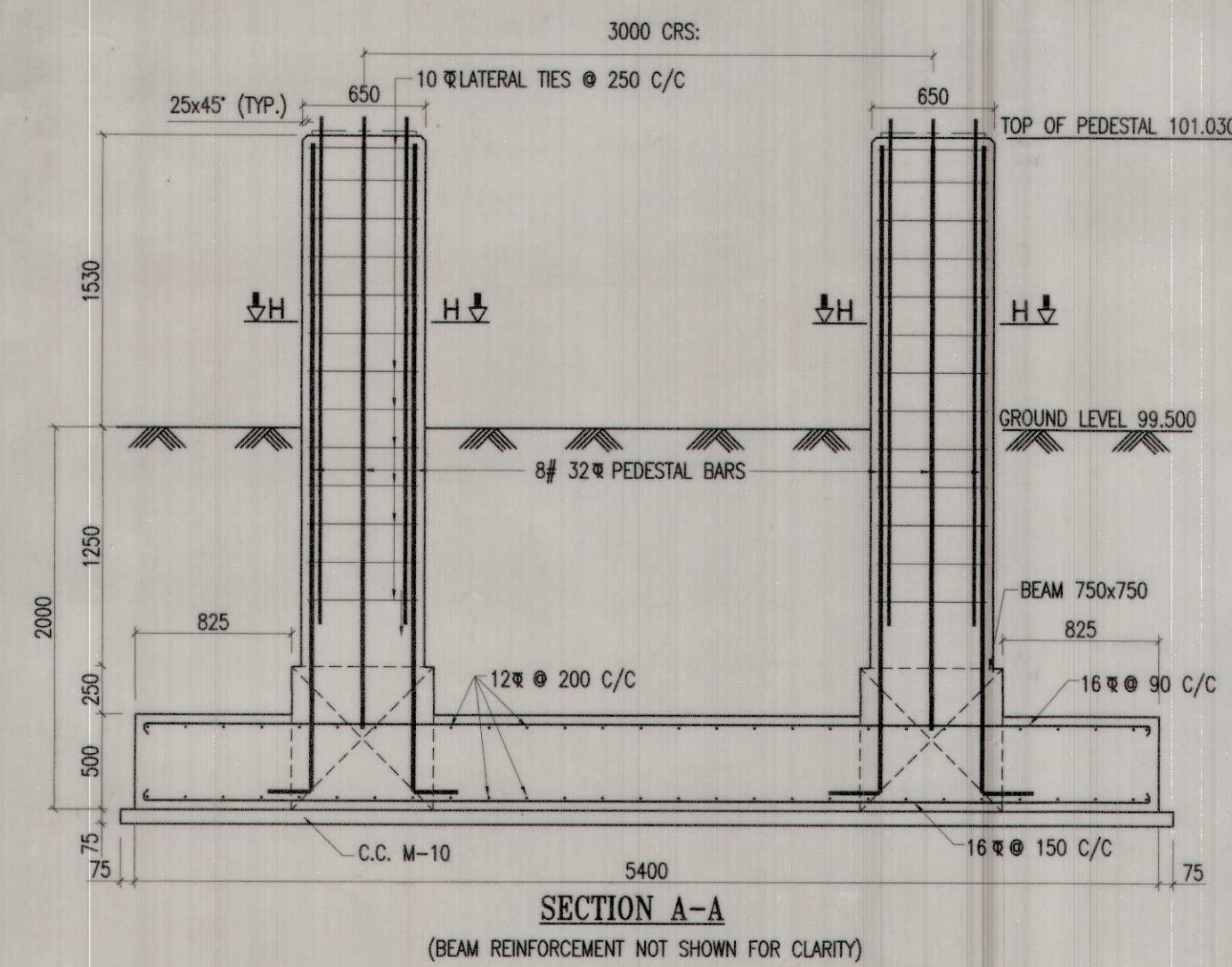
NOTES:-

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	NRHQE PLAN NO. FB-104/UMB
FOUNDATION LAYOUT PLAN	SHEET No- 2.
DETAIL OF TRESTLE FOUNDATION	SHEET No-3A, 3B
DETAIL OF STAIRCASE FOUNDATIONS	SHEET No-4A, 4B
DETAIL OF RAMP FOUNDATIONS	SHEET No-5A, 5B

AGENCY	SR. DEN-W/UMB	SR. DEN-W/UMB	SR. DEN-W/UMB
DESIGN & DRAWING	ADEN/SIR	ADEN/SIR	ADEN/SIR
SSE/W/SIR	SSE/DESIGN	SSE/DESIGN	SSE/DESIGN
DIVISIONAL OFFICERS	HQ. OFFICERS	HQ. OFFICERS	HQ. OFFICERS

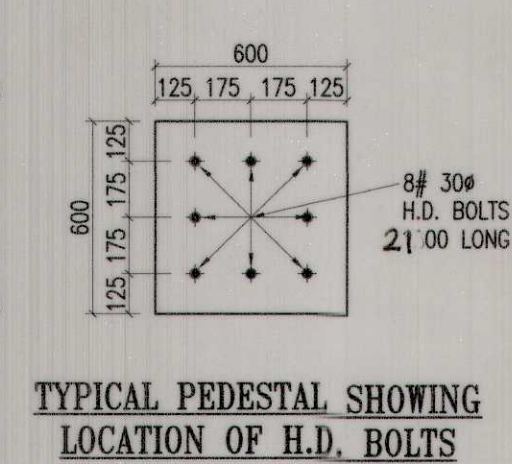
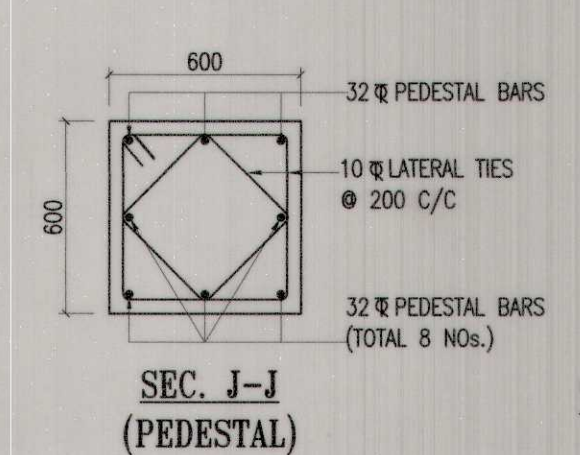
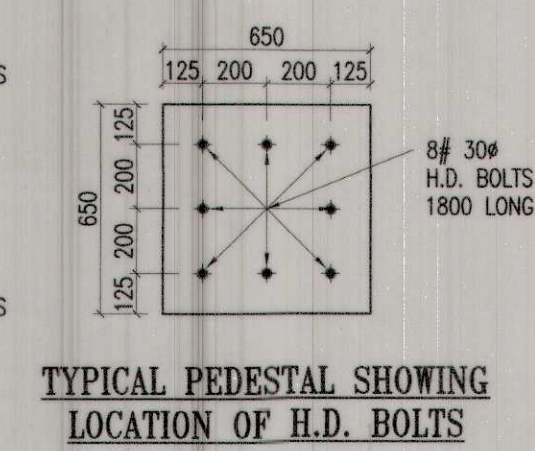
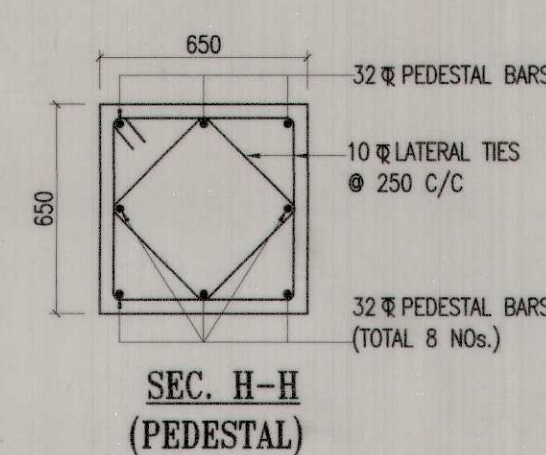
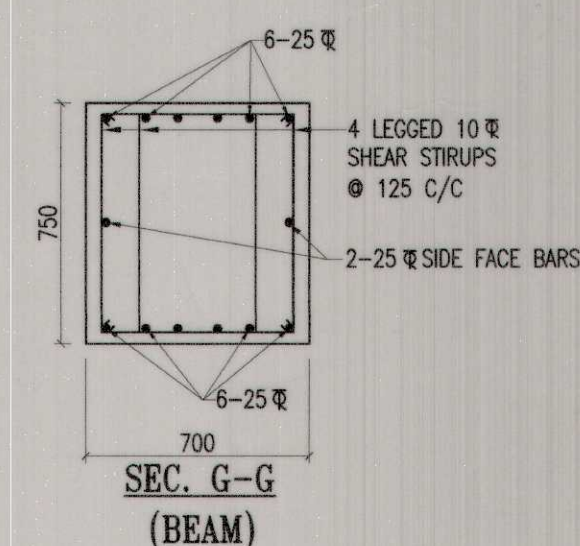
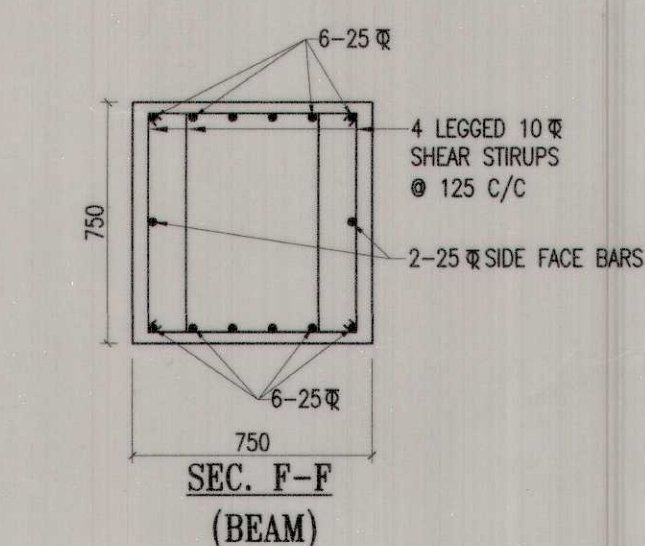
AMBALA DIVISION
PROPOSED 12.0 M WIDE FOOT OVER BRIDGE
AT SIRHIND RAILWAY STATION
UNDER AMRIT BHARAT STATION SCHEME
ON UMB-LDH SECTION
DETAIL OF RAMP FOUNDATIONS
R1TF1, R2TF1, R1TF2, R2TF2, R1F1 & R2F1
DIVL. PLAN NO: F08-177/SIR-2013/UMB/FOUNDS. PLANS
NRHQE PLAN No. FB-104/UMB
SCALE-1:35
(SHEET No-3A)



NOTES:-

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4. READ THIS DRAWING IN CONJUNCTION WITH RELEVANT SHEETS.

FOR	SEE
GENERAL ARRANGEMENT	NRHQ PLAN No. FB-104/UMB
FOUNDATION LAYOUT PLAN	SHEET No- 2
DETAIL OF TRESTLE FOUNDATION	SHEET No-3A, 3B
DETAIL OF STAIRCASE FOUNDATIONS	SHEET No-4A, 4B
DETAIL OF RAMP FOUNDATIONS	SHEET No-5A, 5B, 5C



S.NO.	REVISION	DATE	APPROVE
REVISION			

AGENCY		AMBALA DIVISION PROPOSED 12.0 M WIDE FOOT OVER BRIDGE AT SIRHIND RAILWAY STATION UNDER AMRIT BHARAT STATION SCHEME ON UMB-LDH SECTION DETAIL OF RAMP FOUNDATIONS R3TF1, R3TF2 & R3F1
DESIGN & DRAWING	SR. DEN-IV/UMB ADEN/SIR	17/1/24 CBE (B.B.S. To MAR) D.Y. CE / BD (S.K. GARG) AXEN/BD SSE / W / SIR SSE / DRG. / UMB
 V.D. SHARMA ME (Structures), FIE CHARTERED ENGINEER	DIVISIONAL OFFICERS HQ. OFFICERS	DIVL. PLAN NO. NRHQE PLAN No. FB-104 / UMB SCALE-1:35 (SHEET No-5B)