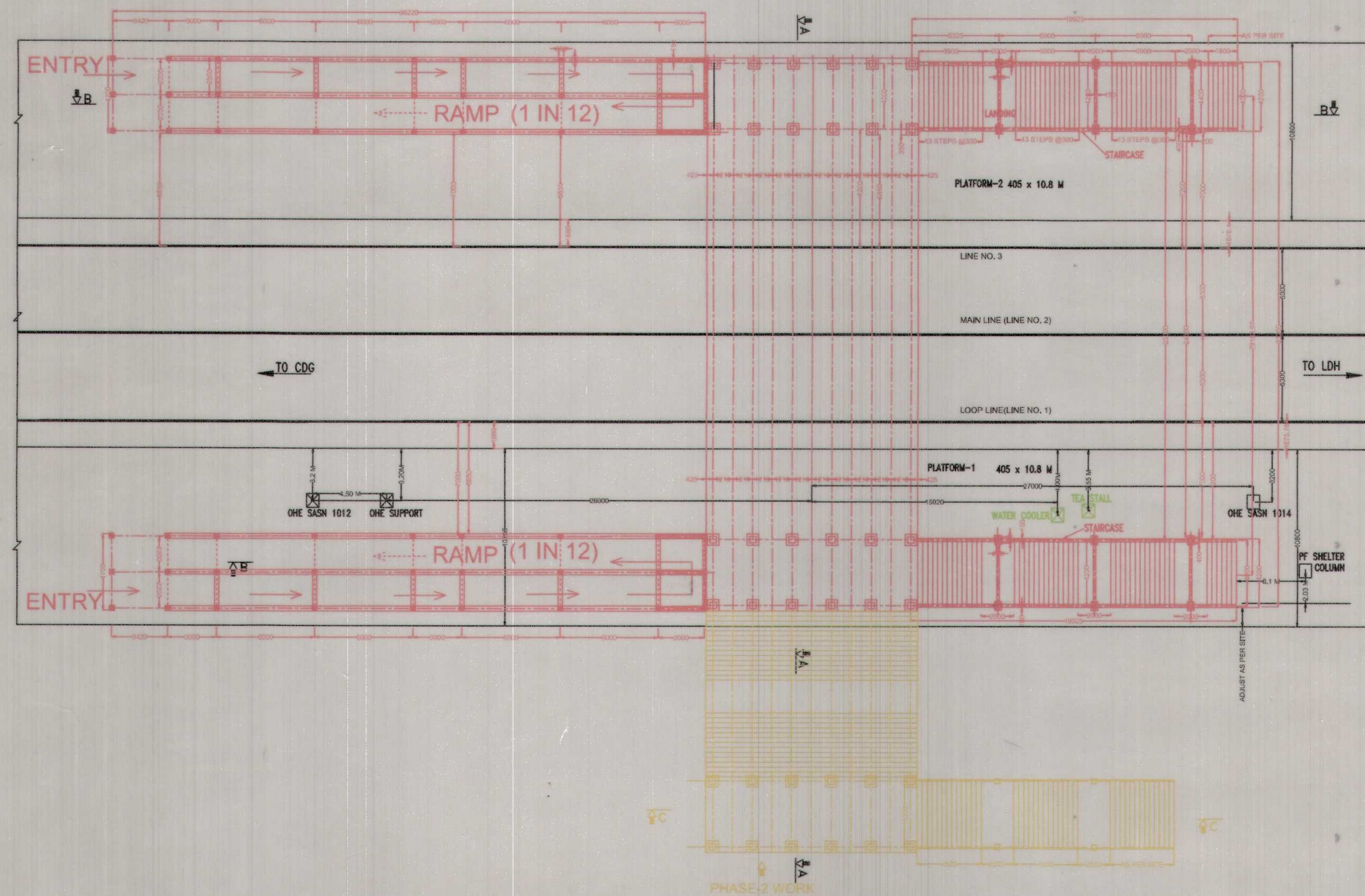
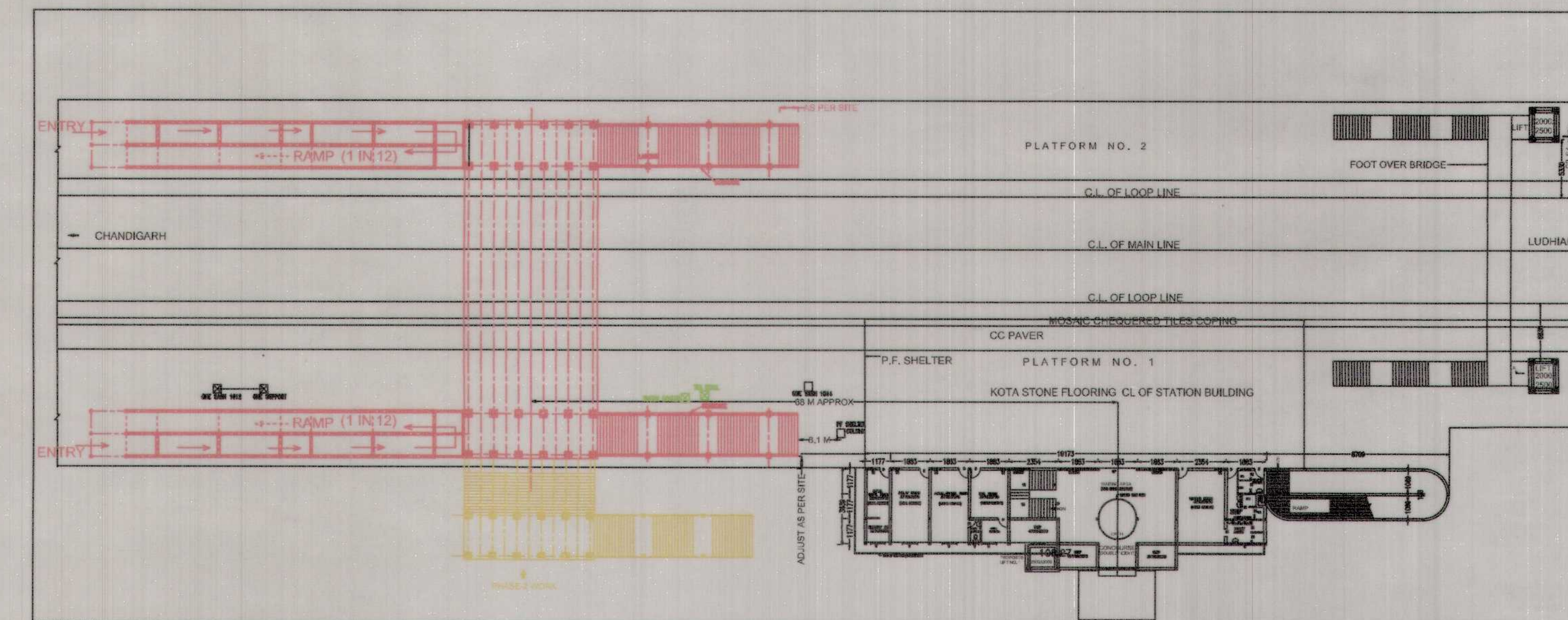
NR/PINK BOOK/2023-24/ITEM NO 1309.
PH-53,UNDER UMBRELLA.
COST- 12,64,80/-(THOUSANDS)

NR DIVL. PLAN NO. FOB-89/SASN-2023/UMB

NRHQE PLAN No.-FB-102/UMB Sh-01



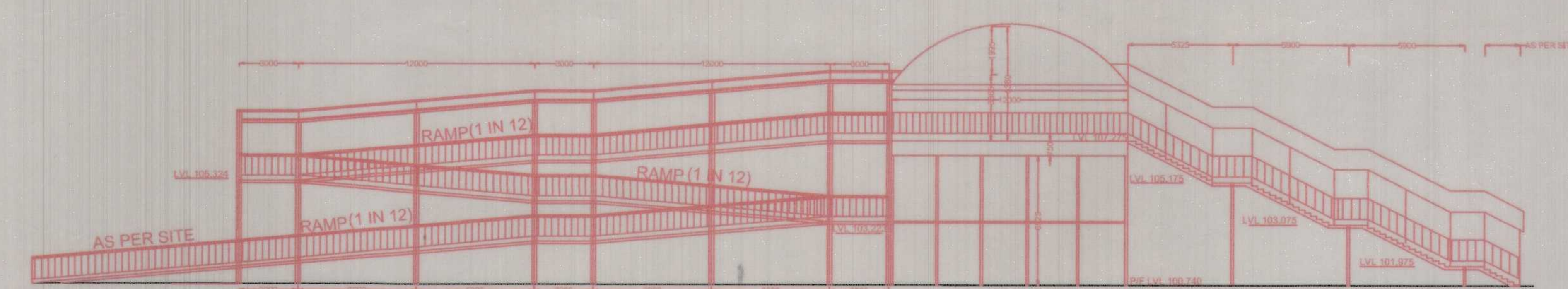


KEY PLAN FOR 12.0 M WIDE FOB

39. PCE SANCTION SHALL BE OBTAINED BY THE EXECUTING AGENCY BEFORE COMMENCEMENT OF WORK OF FOB AS WELL AS LAUNCHING OF GIRDERS.
40. THE VALUE OF LIVE LOAD IS TAKENAS 490 KG/M^2 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.
41. FEASIBILITY OF THE STRUCTURE SHALL BE CHECKED AT SITE IN EVERY RESPECT BY ENGINEER IN CHARGE BEFORE FABRICATION/ERECTION. IF THERE IS ANY CONFUSION/AMBIGUITY IN DIFFERENT DIMENSIONS PROVIDED IN THESE DRAWINGS. A FULL SCALE LAYOUT SHOULD BE PREPARED FOR THE VERIFICATION OF THE SAME BEFORE START OF EXECUTION OF THE WORK.
42. BEFORE THE FABRICATION WORK IS TAKEN UP , GIRDER PIECES TO BE FABRICATED (ALONG WITH ITS EXACT DIMENSIONS) AND THEIR NUMBERS SHALL BE WORKED OUT. MOEOVER, EXACT DIMENSIONS & THEIR NUMBERS OF OTHER EOMPONENTS SUCH AS BRACINGS, CROSS GIRDERS, MAIN COLUMN, STAIR GIRDERS ETC. ALSO BE WORKOUT IN ORDER TO AVOID ANY PROBLEM AT LATER STAGE.
43. ALL STEEL FOR GIRDERS SHALL BE E-350, GRADE 'A' AS PER IS: 2062-2011. RECTANGULAR OR SQUARE HOLLOW STRUCTURAL PIPES OF GRADE YST 310 OR HIGHER TO BE USED AS PER IS: 1920-1997.
44. EXCAVATED EARTH SHALL NOT BE USED FOR BACK FILLING AROUNBD FOUNDATIONS. ALL BACK FILLING SHALL BE CARRIED OUT USING GRANULAR SOIL (MOORUM). BACK FILLING SHALL BE LAID IN LAYERS NOT EXCEEDING 300MM & SHALL BE COMPACTED TO 95% PROCTOR DENSITY AT OPTIMUM MOISTURE CONTENT.
45. 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 IN SAFE WITHOUT THIS FILLING.
46. THICKNESS OF DECK SLAB & FLOOR FINISH SHALL NOT EXCEED 150MM.
47. ALL INSTRUCTIONS/GUIDELINES & SPECIFICATIONS GIVEN IN REFERRED RDSO DRAWINGS SHALL BE FOLLOWED IN TRUE SPIRIT.

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 2.3.2.1 OF IRS BRIDGE RULE.
8. WIND LOAD ON FOR HAS BEEN TAKEN IN ACCORDANCE WITH CLAUSE 2.11 (OF IRS BRIDGE RULE. MAXIMUM WIND PRESSURE IS TAKEN AS 75 Kg/m2.
9. THE VALUE OF LIVE LOAD IS TAKEN AS 490 KG/M2 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.
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/TMT 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. ETI/C/0068.
18. ALL STEEL WORKS SHALL BE AS PER IRS STEEL BRIDGE CODE.
19. ALL STEELS FOR ORDERS SHALL BE E350, GRADE A AS PER IS 2062-2011. RECTANGULAR OR SQUARE HOLLOW STRUCTURAL PIPES OF GRADE YST 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 AS PER B1-2001 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. FCAW 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 i.e 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 REFERENCED RDSO DRAWINGS.
32. ROOFING SHALL BE 1 MM THICK ZINC COATED CORRUGATED G.S. SHEET.
33. LAUNCHING SCHEME WILL BE PREPARED IN DUE TIME AND APPROVAL FROM HQ WILL BE OBTAINED.
34. LENGTH OF WALKWAY TO BE PROVIDED WITH TACTICAL GUIDING AND WARNING BLOCKS. WALKWAY SHOULD ALSO BE FREE OF OBSTRUCTIONS AND PROJECTIONS.
35. WARNING BLOCKS TO BE INSTALLED AT THE BEGINNING AND END OF ALL FLIGHTS OF STAIRCASE. STEP EDGES SHOULD ALSO BE OF DIFFERENT COLOUR AND TEXTURE EASILY IDENTIFIABLE BY LOW VISION & VISION IMPAIRED PERSONS.
36. HANDRAIL SHOULD BE EASY TO GRIP & SECURELY ATTACHED & SLIP RESISTANT WITH ROUND ENDS. HANDRAILS TO EXTEND HORIZONTALLY 300MM AT THE TOP & BOTTOM OF EVERY STAIRCASE. HANDRAIL TO BE GROUTED IN THE GROUND.
37. LOCATION OF PROPOSED FOB SHIFTED 8 M TOWARDS CHANDIGARH END TO AVOID DISMANTLING OF PF COLUMN.
38. TEA STALL & WATER COOLER TO BE SHIFTED.



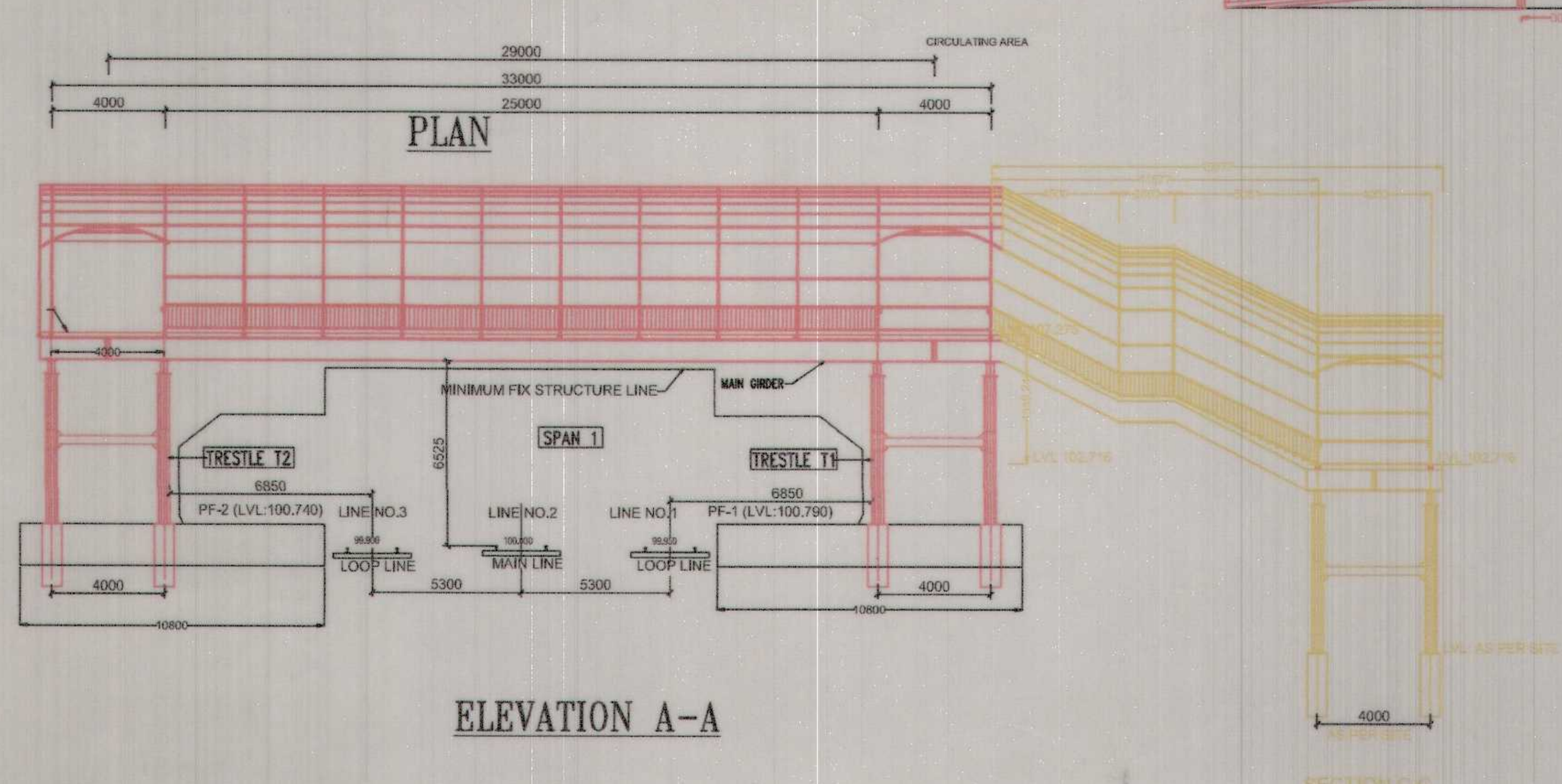
SECTION B-B

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 MAGENTA	

REFERRED DRAWINGS		
S.NO.	DESCRIPTION	REFERENCE DRG. NO.
1.	GAD 12.00M WIDE FOB	RDSO/B-10438
2.	DETAIL OF MAIN GIRDER-1	RDSO/B-10438/1
3.	DETAIL OF MAIN GIRDER-2	RDSO/B-10438/2
4.	DETAIL OF SPLICE 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	RDSO/B-10438/6
8.	DETAILS OF STAIR CASE	RDSO/B-10433/5-6
9.	DETAILS OF FOUNDATION	AS PER DESIGN
10.	DETAILS OF LIFT	NRHQE PLAN NO. 266 FB/2016/SHEET NO.1-9
11.	DETAILS OF RAMP	RDSO/B-10433/7-8

PLAN



ELEVATION A-A

SIDE VIEW C-C

FEASIBILITY CERTIFICATE:

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

-sd-	-sd-	-sd-	-sd-	-sd-	-sd-	-sd-	-sd-
SSE/P.W./CDG	SSE/W/CDG	SSE/S&T/	SSE/TRD/	SSE/P/SEC	CMI/SEC	TI/SEC	ADEN/CDG

DRM-UMB	MANDEEP SINGH BHATIA Digitally signed by MANDEEP SINGH BHATIA Date:2023.05.17 17:49:46 +05'30'	CBE	BHUVNESH KUMAR GUPTA Digitally signed by BHUVNESH KUMAR GUPTA Date:2023.08.30 03:29:16 +05'30'
ADRM-INFRA-UMB	GUNINDER SINGH NARANG Digitally signed by GUNINDER SINGH NARANG Date:2023.05.17 17:46:40 +05'30'	CE-SD	Nar Singh Das Digitally signed by Nar Singh Das Date:2023.06.05 15:15:48 +05'30'
CPM-GS-UMB	VINOD KUMAR SINGH Digitally signed by VINOD KUMAR SINGH Date:2023.05.17 17:43:17 +05'30'	CCM-PS	MONA SRIVASTAVA Digitally signed by MONA SRIVASTAVA Date:2023.07.25 16:01:37 +05'30'
SRDEN-CO-UMB	ATUL Digitally signed by ATUL Date:2023.05.17 17:37:46 +05'30'	DY.CE-SD	KAUSHAL KISHORE SHARMA Digitally signed by KAUSHAL KISHORE SHARMA Date:2023.06.02 17:09:50 +05'30'
SRDOM-UMB	SAMARTH GUPTA Digitally signed by SAMARTH GUPTA Date:2023.05.17 10:51:35 +05'30'	DY.CE-BD	SANJIV KUMAR GARG Digitally signed by SANJIV KUMAR GARG Date:2023.08.30 03:23:59 +05'30'
SRDCM-UMB	RITIKA VASHISHT Digitally signed by RITIKA VASHISHT Date:2023.05.17 16:45:16 +05'30'		
SRDSTE-UMB	ATESH KUMAR Digitally signed by ATESH KUMAR Date:2023.05.16 06:33:58 +05'30'		
SRDEE-TRD-UMB	ANKUR JAIN Digitally signed by ANKUR JAIN Date:2023.05.17 12:20:04 +05'30'		
SRDEE-G-UMB	MANISH NARWAL Digitally signed by MANISH NARWAL Date:2023.05.17 16:59:05 +05'30'		
DYCE-GS-UMB	HARVINDER SINGH Digitally signed by HARVINDER SINGH Date:2023.05.17 17:30:04 +05'30'		
SRDEN-1-UMB	JAI KRISHNA Digitally signed by JAI KRISHNA Date:2023.05.16 06:36:18 +05'30'		

DRAWN:
CHECKED BY:

AMBALA DIVISION

GENERAL ARRANGEMENT PLAN FOR PROPOSED 12.0 M WIDE FOOT OVER BRIDGE AT SASN (MOHALI) STATION UNDER AMRIT BHARAT STATION SCHEME

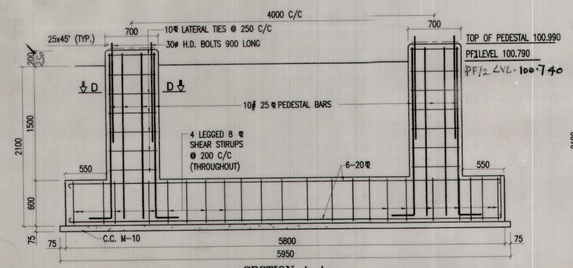
SCALE:-

N.R.DIVL.CASE NO.

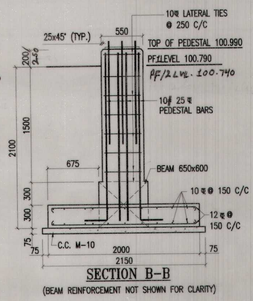
N.R.H.Q.E. CASE NO.

NR DIVL. PLAN NO. FOB-89/SASN-2023/UMB

NRHQE PLAN No.- FB-102/UMB Sh-01



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



SECTION B-B
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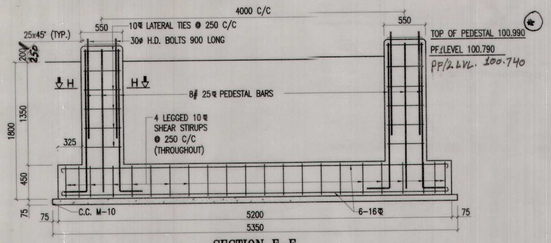

SECTION E-E
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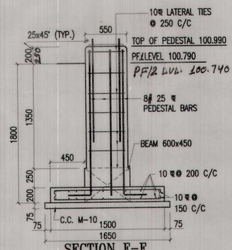

SECTION F-F
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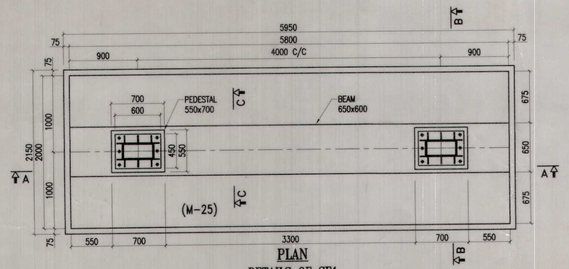
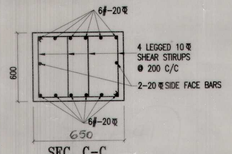
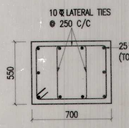


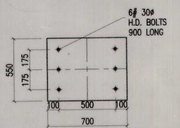
PLAN
DETAILS OF SF1



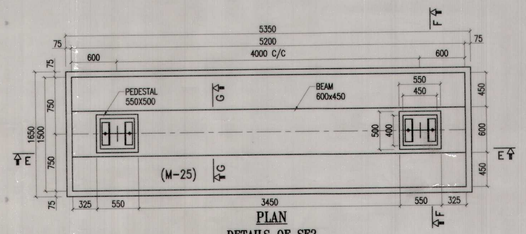
SEC. C-C
(BEAM)



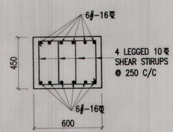
SEC. D-D
(PEDESTAL)



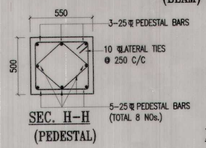
PEDESTAL SHOWING
LOCATION OF H.D. BOLTS



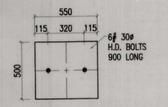
PLAN
DETAILS OF SF2



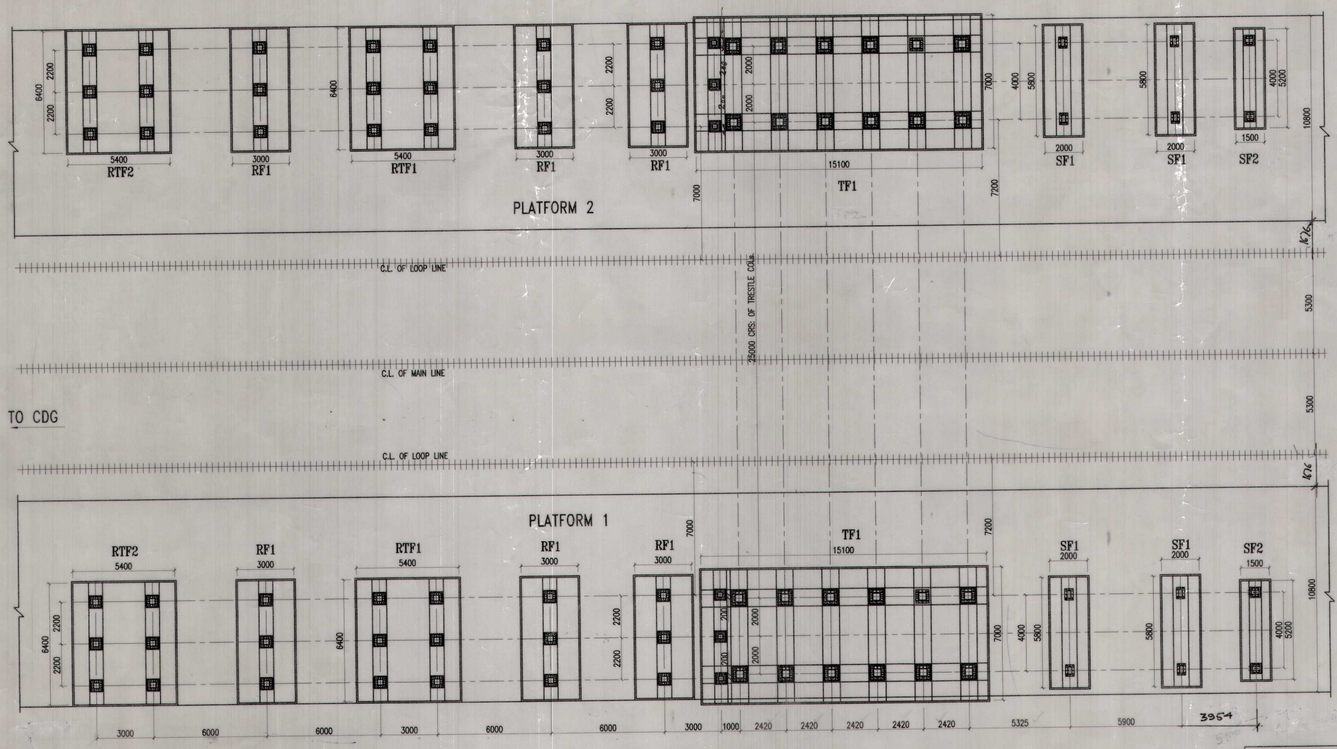
SEC. G-G
(BEAM)



SEC. H-H
(PEDESTAL)



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. FOUNDATION PLAN IS BASED ON APPROVED GAD i.e NRHQE PLAN NO. FB-89/SASN-2023/UMB
4. ALL R.C.C. WORK IS TO BE DONE IN ACCORDANCE WITH LATEST NORTHERN RAILWAY SPECIFICATIONS & IRS CONC. BRIDGE CODE CORRECTED UPTO DATE.
5. 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.
6. ALL CEMENT CONC. IS TO BE MECHANICALLY MIXED AND VIBRATED.
7. ALL BINDERS/STIRRUPS/LINKS SHALL BE EFFECTIVELY TIED WITH MAIN REINFORCEMENT BARS.
8. VIBRATED CONTROLLED CONCRETE OF MINIMUM COMPRESSIVE STRENGTH OF 250 KG/Cm² (M-25) TO BE USED FOR ALL FOUNDATIONS.
9. NET BEARING CAPACITY OF SOIL IS 8.50 T/m² AS PER SOIL REPORT IT SHOULD BE RE CONFRM AT THE TIME OF EXECUTION.
10. HSD/TMT BARS OF GRADE Fe-500 CONFORMING TO IS:1786-2000 SHALL BE USED.
11. 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.
12. 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 LENGTHREAD THIS DRAWING IN CONJUCTION WITH SHEET NO. 2 & 3.
13. TOP OF PEDESTAL OF STAIRCASE (SF-2) IS INDICATIVE ONLY. IT SHOULD BE VERIFIED BEFORE CASTING OF FOUNDATION.

FOR	SEE
GENERAL ARRANGEMENT	NRHQE PLAN NO. FB-89/SASN-2023/UMB
FOUNDATION LAYOUT & DETAIL OF STAIRCASE FOUNDATIONS	SHEET No- 2
DETAIL OF TRESTLE FOUNDATION	SHEET No- 3
DETAIL OF RAMP FOUNDATIONS	SHEET No-4

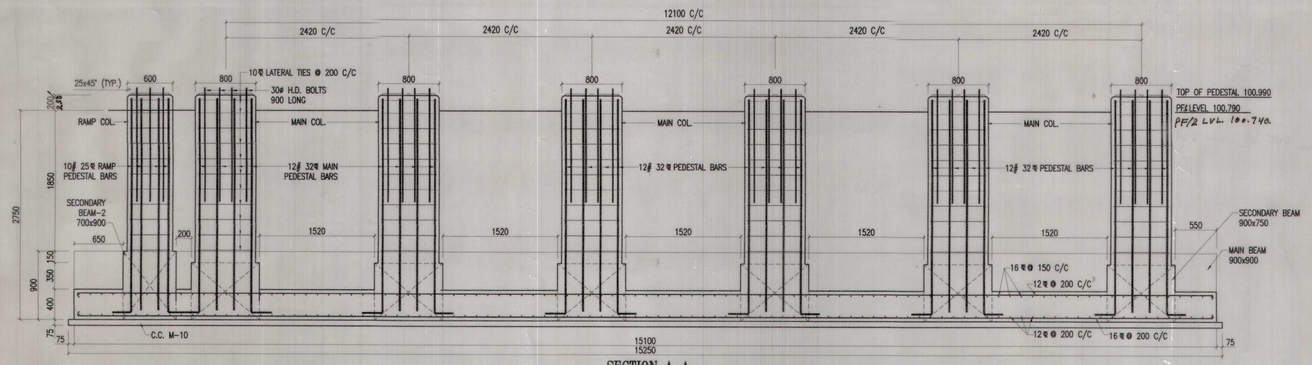
S.NO.	REVISION	DATE	APPROVED
REVISION			

AGENCY	PROOF CHECKED BY	DESIGN & DRAWING
PANKAJ JINDAL CONTRACTOR PARTNER		

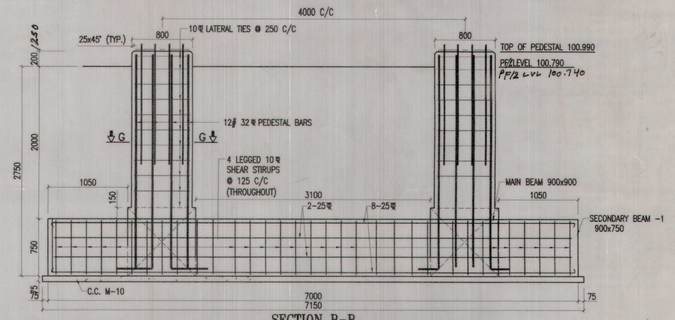
DIVISIONAL OFFICERS		HQ. OFFICERS	
SR.DEN/C/UMB	28.10.23	CBE (SDS TOWER)	
SR. DEN-I/UMB		DY.CE/BD (SHRI SARG)	6-11-23
ADEN/CDG	21/10/23	AXEN/BD	
SSE/W/CDG		SSE/DESIGN (PUSHKAL)	
SSE/DRG/UMB		SSE/DRG. (ASHWANI)	21/10/23

AMBALA DIVISION
PROPOSED 12.0 M WIDE FOOT OVER BRIDGE AT SAHIBZADA AJIT SINGH NAGAR (MOHALI) RAILWAY STATION UNDER AMRIT BHARAT STATION SCHEME
FOUNDATION LAYOUT PLAN & DETAIL OF STAIRCASE FOUNDATION

DIVL. PLAN NO. FOB-157/SASN-2023/UMB
NRHQE PLAN No. FR-102/UMB
SCALE:-1:35
(SHEET No-2)



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



SECTION B-B
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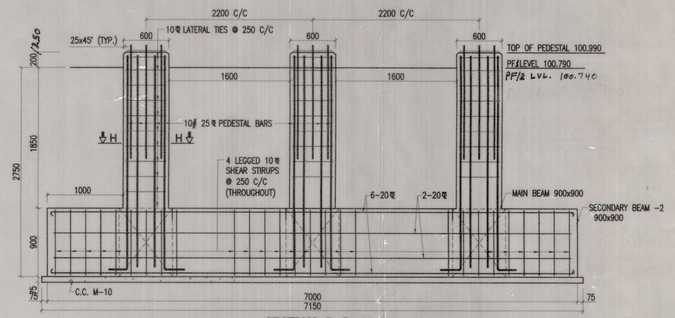
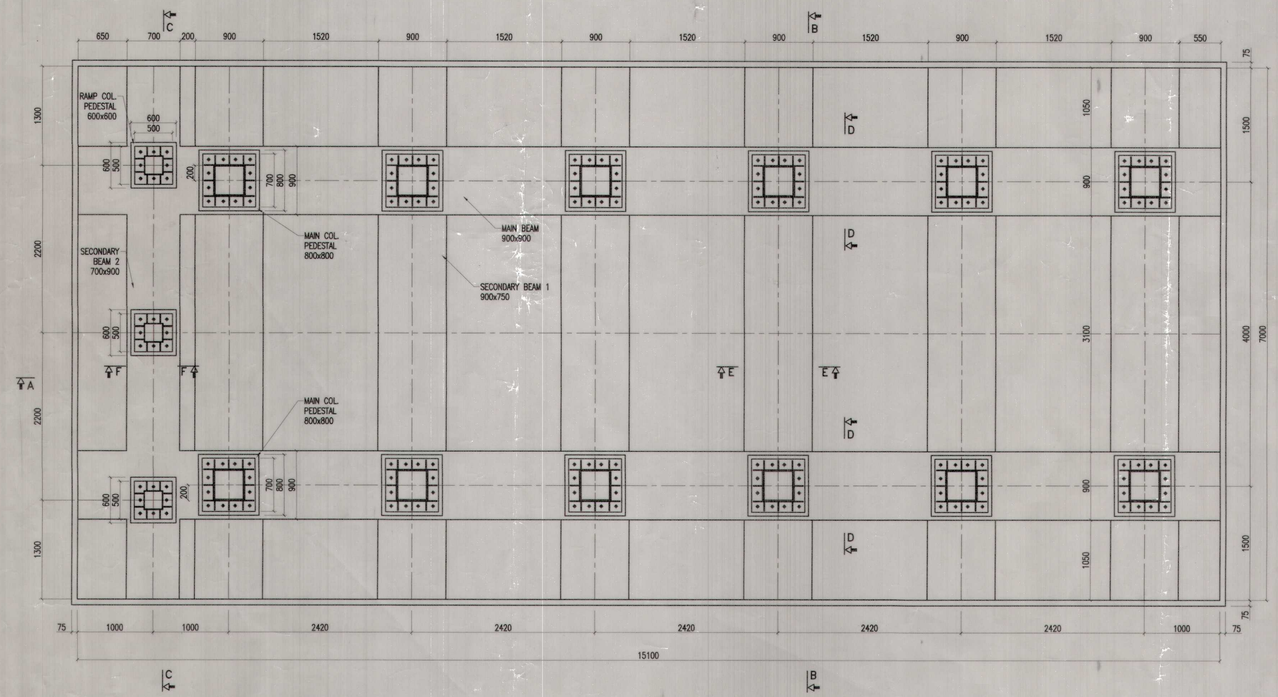
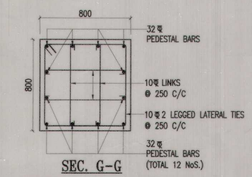
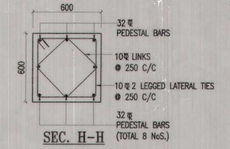


SECTION C-C
(BEAM REINFORCEMENT NOT SHOWN FOR CLARITY)

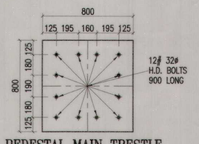




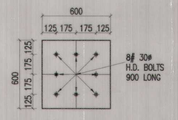
SEC. G-G
(PEDESTAL MAIN TRESTLE)



SEC. H-H
(PEDESTAL RAMP COL.)



PEDESTAL MAIN TRESTLE
SHOWING
LOCATION OF H.D. BOLTS

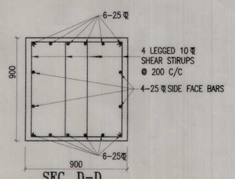


PEDESTAL RAMP SHOWING
LOCATION OF H.D. BOLTS

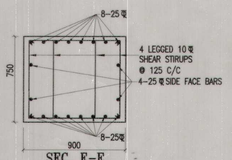
NOTES:-

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 CONJUCTION WITH SHEET NO. 1 & 3.

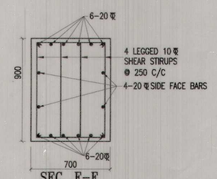
FOR	SEE
GENERAL ARRANGEMENT	NRHQE PLAN NO. FB-89/SASN-2023/UMB
FOUNDATION LAYOUT & DETAIL OF STAIRCASE FOUNDATIONS	SHEET No- 2
DETAIL OF TRESTLE FOUNDATION	SHEET No- 3
DETAIL OF RAMP FOUNDATIONS	SHEET No- 4



SEC. D-D
(MAIN BEAM)



SEC. E-E
(SECONDARY BEAM-1)



SEC. F-F
(SECONDARY BEAM-2)

S.NO.	REVISION	DATE	APPROVED
REVISION			

PROOF CHECKED BY	DESIGN & DRAWING

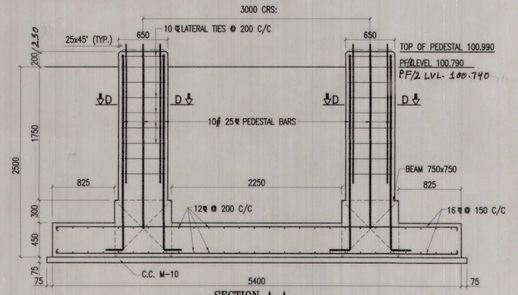
AGENCY		
	SRDEN/Co/UMB	CBE(B&S Tower)
RAHAJ JINDAL CONTRACTOR Vinod Jindal PARTNER	SR. DEN-I/UMB	DY.CE/BD (S.K.SAHU)
	ADEN/CDG	AXEN/BD
	SSE/W/CDG	SSE/DESIGN (PUSHPENDRA)
	SSE/DRG/UMB	SSE/DRG. (KAMLESH)
	DIVISIONAL OFFICERS	HQ. OFFICERS

AMBALA DIVISION
PROPOSED 12.0 M WIDE FOOT OVER BRIDGE
AT SAHIBZADA AJIT SINGH NAGAR (MOHALI)
RAILWAY STATION
UNDER AMRIT BHARAT STATION SCHEME

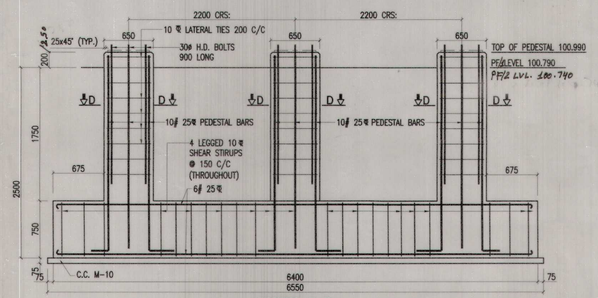
DETAIL OF TRESTLE FOUNDATION TF1

DIVL. PLAN NO. FOB-157/SASN-2023/UMB
NRHQE PLAN No. FB-102/UMB

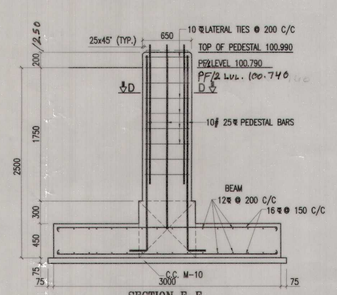
SCALE:-1:35 (SHEET No-3)



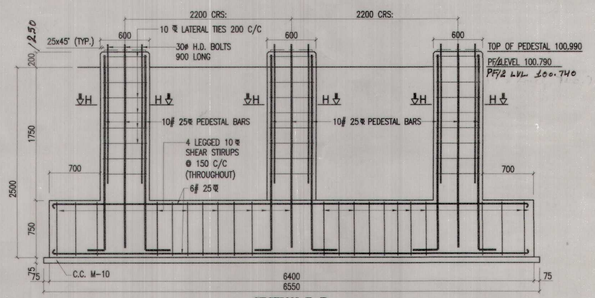
SECTION A-A
(BEAM REINFORCEMENT NOT SHOWN FOR CLARITY)



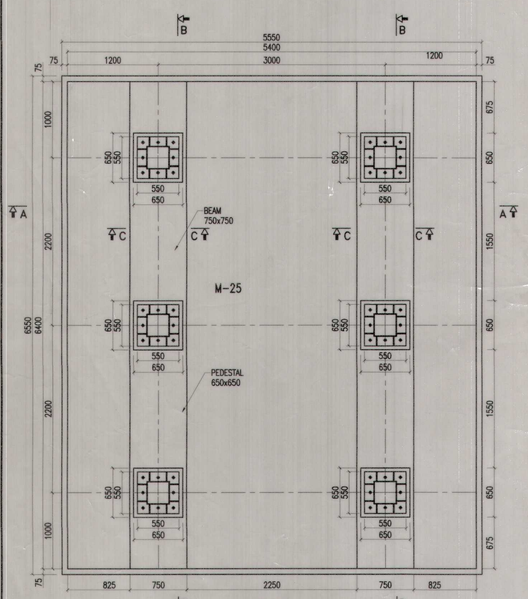
SECTION B-B
(SLAB REINFORCEMENT NOT SHOWN FOR CLARITY)



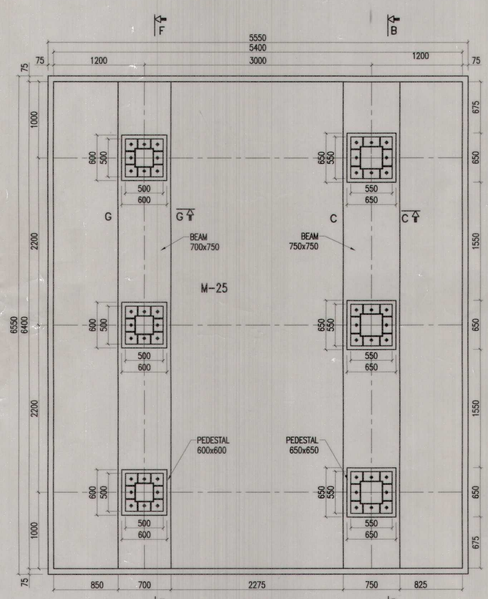
SECTION E-E
(BEAM REINFORCEMENT NOT SHOWN FOR CLARITY)



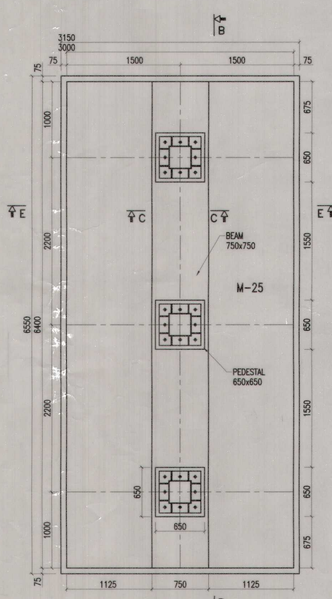
SECTION F-F
(SLAB REINFORCEMENT NOT SHOWN FOR CLARITY)



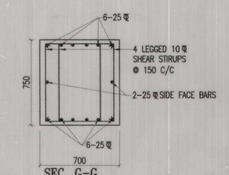
PLAN
DETAILS OF RTF1



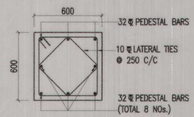
PLAN
DETAILS OF RTF2



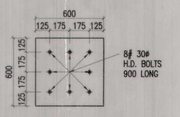
PLAN
DETAILS OF RF1



SEC. G-G
(BEAM)



SEC. H-H
(PEDESTAL)



TYPICAL PEDESTAL SHOWING
LOCATION OF H.D. BOLTS

NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETERS & LEVELS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
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3. FOR OTHER NOTES REFER SHEET NO. 1.
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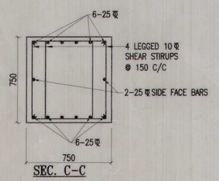
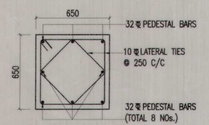
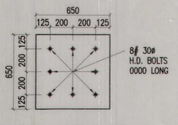
FOR	SEE
GENERAL ARRANGEMENT	NRHQE PLAN NO. FB-89/SASN-2023/UMB
FOUNDATION LAYOUT & DETAIL OF STAIRCASE FOUNDATIONS	SHEET No- 2
DETAIL OF TRESTLE FOUNDATION	SHEET No- 3
DETAIL OF RAMP FOUNDATIONS	SHEET No- 4



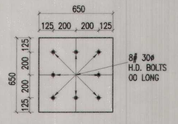
SEC. C-C
(BEAM)



SEC. D-D
(PEDESTAL)



TYPICAL PEDESTAL SHOWING
LOCATION OF H.D. BOLTS



PEDESTAL RAMP SHOWING
LOCATION OF H.D. BOLTS

S.NO.	REVISION	DATE	APPROVED
REVISION			

PROOF CHECKED BY | DESIGN & DRAWING

PANKAJ JINDAL CONTRACTOR
PARTNER

AGENCY	SR. DEN-I/UMB	DY.CE/BD (S.K.GHAG)
	ADEN/CDG 2/10/23	AXEN/BD
	SSE/W/CDG	SSE/DESIGN (PARIKH)
	SSE/DRG/UMB	SSE/DRG. (ASHWANI)
	DIVISIONAL OFFICERS	HQ. OFFICERS

SR DEN/CO/UMB 5.10.23 | CBE (BD) TOMAR 6/10/23

AMBALA DIVISION
PROPOSED 12.0 M WIDE FOOT OVER BRIDGE
AT SAHIBZADA AJIT SINGH NAGAR (MOHALI)
RAILWAY STATION
UNDER AMRIT BHARAT STATION SCHEME
DETAIL OF FOUNDATIONS
RTF1, RTF2 & RF1

DIVL. PLAN NO. FOB-157/SASN-2023/UMB
NRHQE PLAN No. FB-102/UMB
SCALE:-1:35 (SHEET No-4)