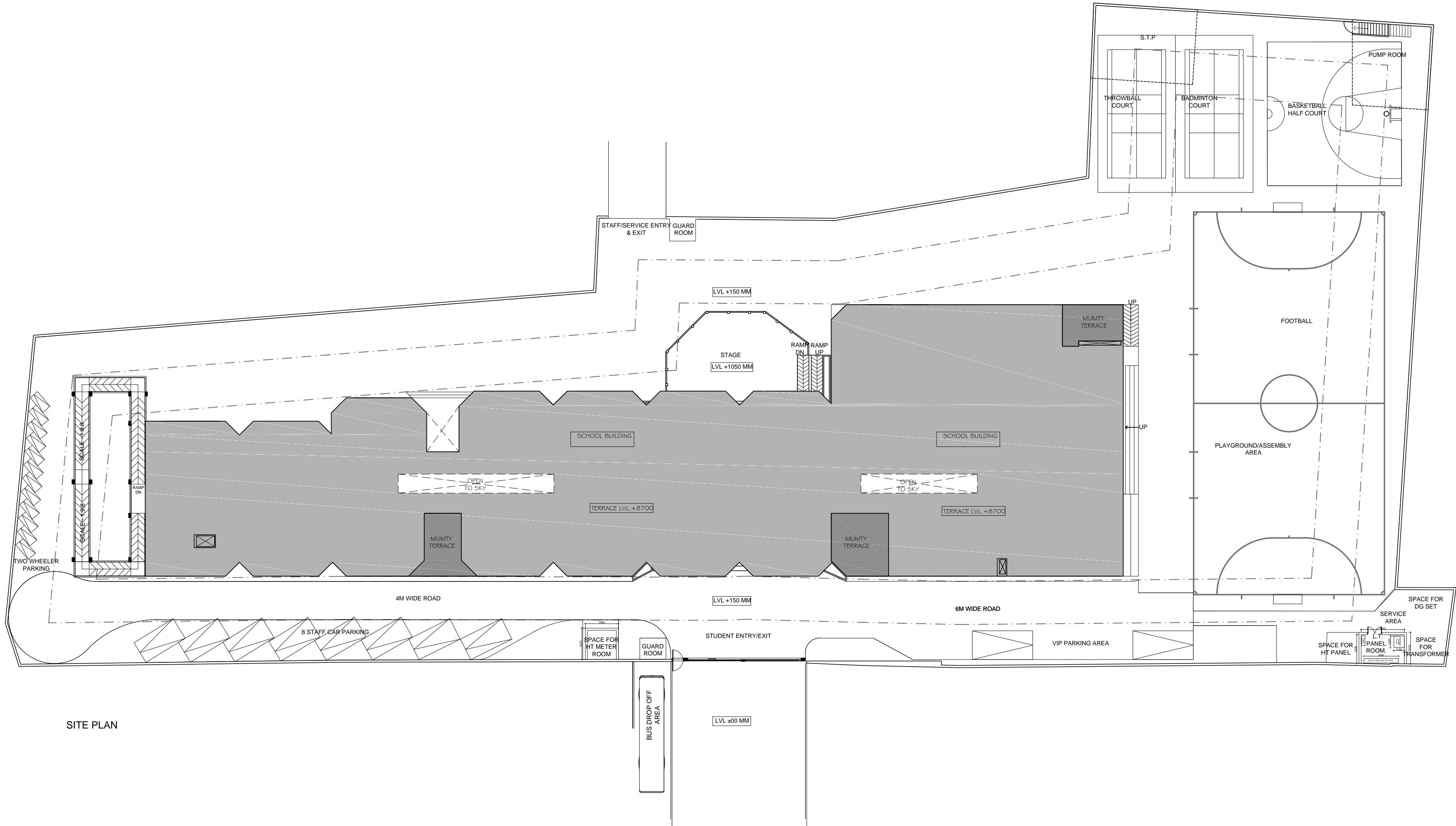


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PLANNER			N/A					
BUILDING CONTROL			N/A					
MEDIA TYPE			PAPER, DISC, EMAIL, UPLOAD, X = P+D, Y = P+E, Z = D+E		U			
PURPOSE OF ISSUE			A = Approval, B = Bldg Regs, C = Construction, CN = Contract CO = Comment, I = Information, P = Planning, PL = Preliminary R = Record, T = Tender		T			
FORMAT			D = DWG, P = PDF, R = REDUCED NTS		P			
ISSUED BY					SR			
L SERIES					DAY 5 MONTH 1 YEAR 24			
DWG. NUMBER	SIZE	SCALE	DRAWING / DOCUMENT TITLE		REVISION			
			SITE PLAN					
900	A2	1:300	Site plan		A			
			G.A Floor Plans					
L1001	A2	1:250	GA Plan_Ground Floor		A			
L1002	A2	1:250	GA Plan_First Floor					
L1003	A2	1:250	GA Plan_Terrace		A			
			Elevations & Sections					
L3000	A2	1:250	Elevations and Sections		A			
			Furniture Layout Plan					
L1011	A2	1:250	Furniture Layout Plan_Ground Floor		A			
L1012	A2	1:250	Furniture Layout Plan_First Floor		A			
			Reflected Ceiling Plan					
L1101	A2	1:250	RCP Layout Plan_Ground Floor		A			
L1102	A2	1:250	RCP Layout Plan_First Floor		A			
			Flooring Plan					
L1501	A2	1:250	Flooring Layout Plan_Ground Floor		A			
L1502	A2	1:250	Flooring Layout Plan_First Floor		A			
L1503	A2	1:250	Flooring Layout Plan_Terrace					
			Structures Drawings					
2023-ST-300	A2	NTS	Column Layout plan at Foundation Lvl		A			
2023-ST-301	A3	NTS	Column Schedule-1		A			
2023-ST-302	A3	NTS	Column Schedule-2		A			
2023-ST-303	A3	NTS	Column Schedule-3		A			
2023-ST-304	A3	NTS	Column Schedule-4		A			
2023-ST-200	A2	NTS	Foundation Plan		A			
2023-ST-201	A2	NTS	Combined footing top and bottom Reinforcement		A			
2023-ST-400	A2	NTS	Framing plan at Ground and First Floor Lvl		A			
2023-ST-401	A2	NTS	Framing plan at Terrace Floor LVL		A			
2023-ST-401A	A2	NTS	Slab Reinforcement at Typical Floor		A			
2023-ST-500	A2	NTS	Beam Detail at Typical Floor		A			
2023-ST-600	A3	NTS	General Detail		A			
			Plumbing Drawings					
SP-PL-01	A2	NTS	Site Plan_Storm and Sewerage		A			
SP-PL-02	A2	NTS	Site Plan_Water Supply		A			
PL-01	A3	NTS	Plumbing & Drainage Layout_Ground Floor		A			
PL-02	A3	NTS	Plumbing Water Supply Plan_Ground Floor		A			
PL-03	A3	NTS	Plumbing & Drainage Layout_First Floor		A			
PL-04	A3	NTS	Plumbing Water Supply Plan_First Floor		A			
WS-01	A3	NTS	Water Supply Schematic Diagram		A			
			Electrical Drawings					
EL-001	A2	NTS	Lighting Layout_Ground and First Floor		A			
EL-002	A2	NTS	Solar Layout First Floor terrace		A			
EL-003	A2	NTS	External Light layout		A			
EL-101	A2	NTS	Single Line Diagram		A			
			Details					
A1000	A3	1:50	Staircase Detail		A			
A1005	A3	1:100	Ramp Detail		A			
A1010	A3	1:50	Entry Gate Detail		A			
A1015	A3	1:20	Guard Room Detail		A			
A1020	A3	1:20	Boundary wall Detail and Part Sections		A			
A1025	A3	1:50	Door Window Detail		A			

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SITE PLAN

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Revision	Date	Revision Notes	Issued By	Inspected By
A	05-01-2024	First Issued	SR	SJH



Job Title
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SITE PLAN - PHASE 1

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Drawing Sheet Size	A2
Scale	1:300
Inspected by	SJH
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Drawing Number	900
Revision	A



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DOOR- WINDOW SCHEDULE

S.NO	NAME	WIDTH	HEIGHT	CILL LVL	Lintel LVL	NOS.	AREA(Sqm)	TYPE
1.0	Ground Floor							
1.1	Doors							
1.11	GL1	2000	2400		2400	2	4.8	
1.12	D2	1800	2400		2400	4	4.3	
1.13	FD	1500	2400		2400	2	3.6	
1.14	D3	1200	2400		2400	10	2.8	
1.15	D4	1050	2400		2400	6	2.5	
1.16	D4a	1050	2400		2400	1	2.5	
1.17	D5	900	2400		2400	3	2.1	
1.2	Windows							
1.21	W1	2600	1500	900	2400	3	3.9	P.O.
1.22	W2	2100	1500	900	2400	22	3.1	P.O.
1.23	W3	1050	900	1500	2400	4	0.94	F.O.
1.24	W4	1000	1000	1400	2400	27	0.78	FIXED
1.3	Ventilators							
1.31	V1	900	1600	2400	3000	6	0.5	
1.32	V2	2100	1600	2400	3000	2	1.2	

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GENERAL ARRANGEMENT PLAN GROUND FLOOR - PHASE 1

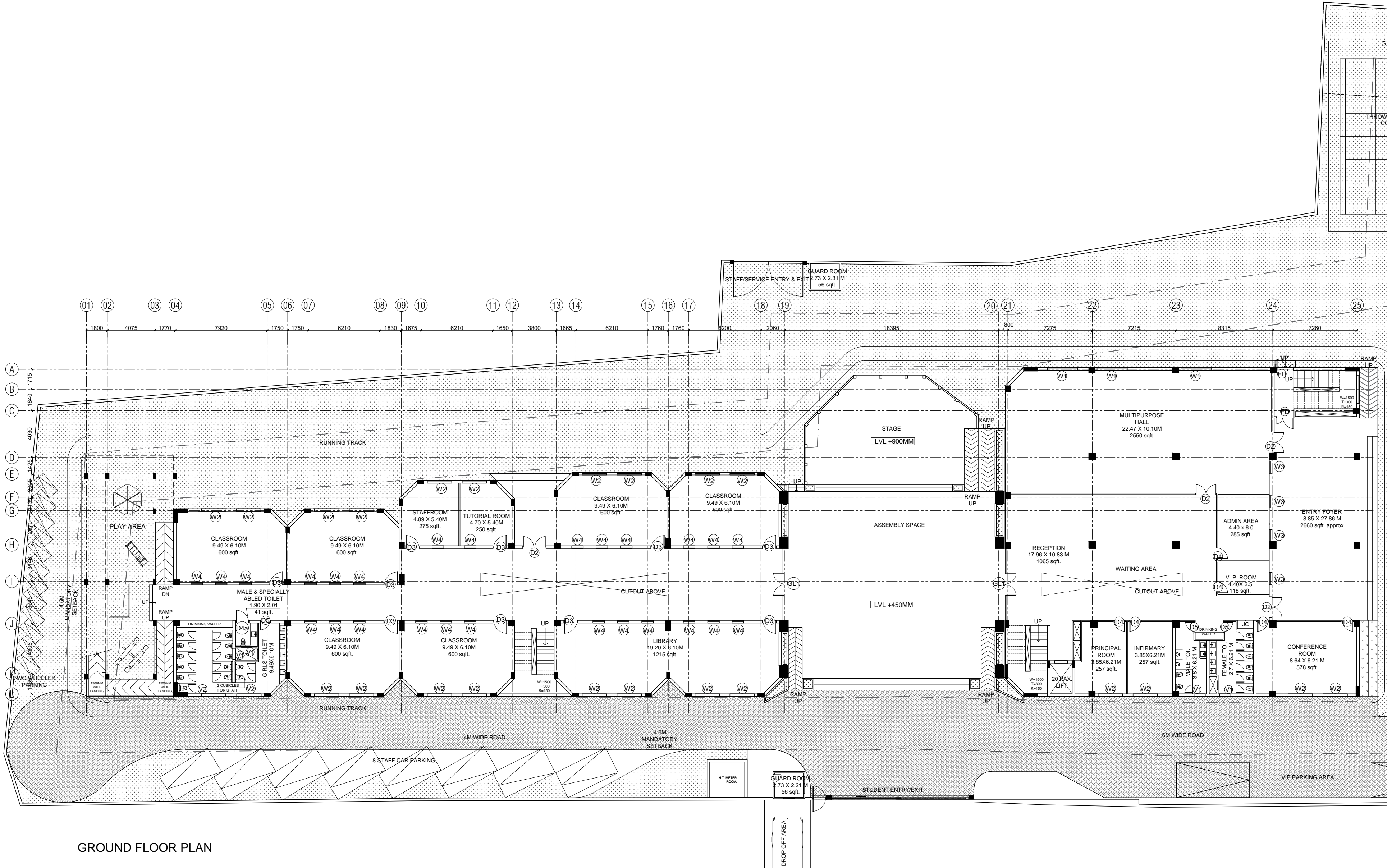
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Drawing Sheet Size	A2
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Inspected by	SJH
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Drawing Number	L1001
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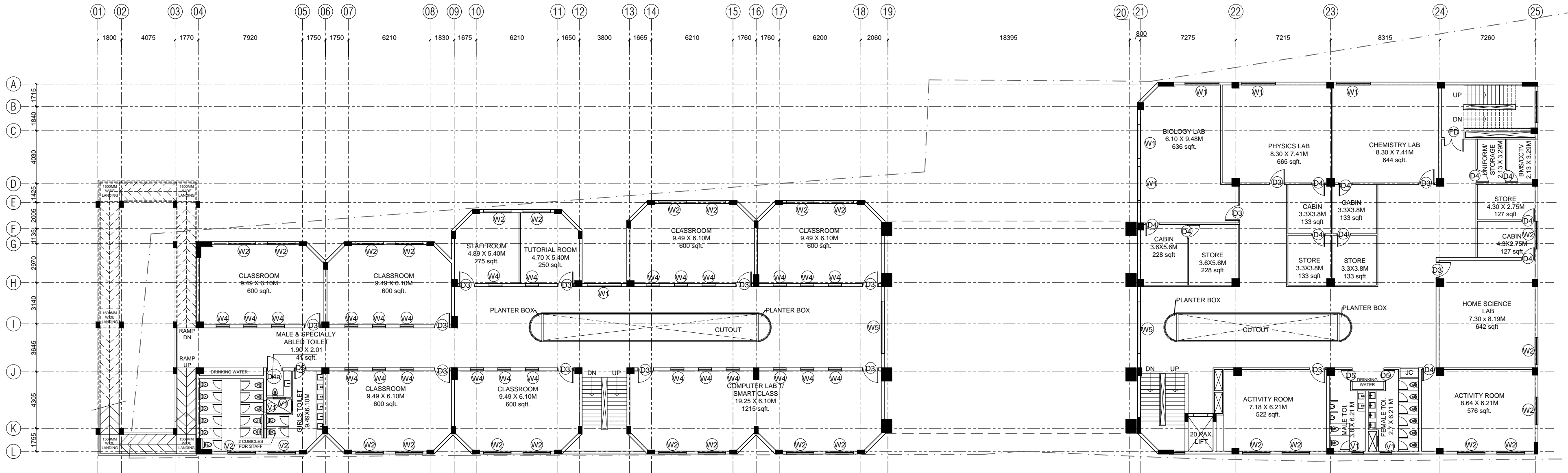
GROUND FLOOR PLAN



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DOOR- WINDOW SCHEDULE

2.0	First Floor									
2.1	Doors									
2.1.1	FD	1500	2400		2400	1	3.6			
2.1.2	D3	1200	2400		2400	15	2.8			
2.1.3	D4	1050	2400		2400	11	2.5			
2.1.4	D4a	1050	2400		2400	1	2.5			
2.1.5	D6	900	2400		2400	3	2.1			
2.2	Windows									
2.2.1	W1	2600	1500	900	2400	6	3.9	P.O.		
2.2.2	W2	2100	1500	900	2400	25	3.1	P.O.		
2.2.3	W4	1000	1000	1400	2400	26	0.78	FIXED		
2.2.4	W5	4000	1500	900	2400	2	6.0	P.O.		
2.3	Ventilators									
2.3.1	V1	900	600	2400	3000	6	0.5			
2.3.2	V2	2100	600	2400	3000	2	1.2			



FIRST FLOOR PLAN

FOR TENDER

Revision	Date	Revision Notes	Issued By	Inspected By
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GENERAL ARRANGEMENT PLAN
FIRST FLOOR - PHASE 1

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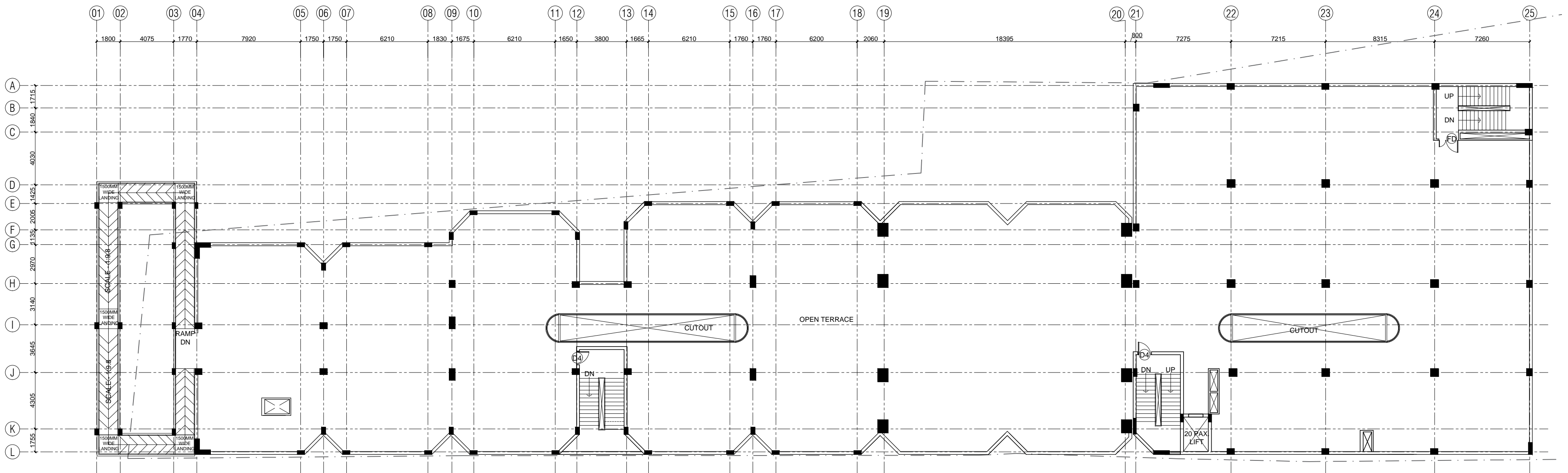
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TERRACE PLAN

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Job Title
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GENERAL ARRANGEMENT PLAN
FIRST FLOOR - PHASE 1

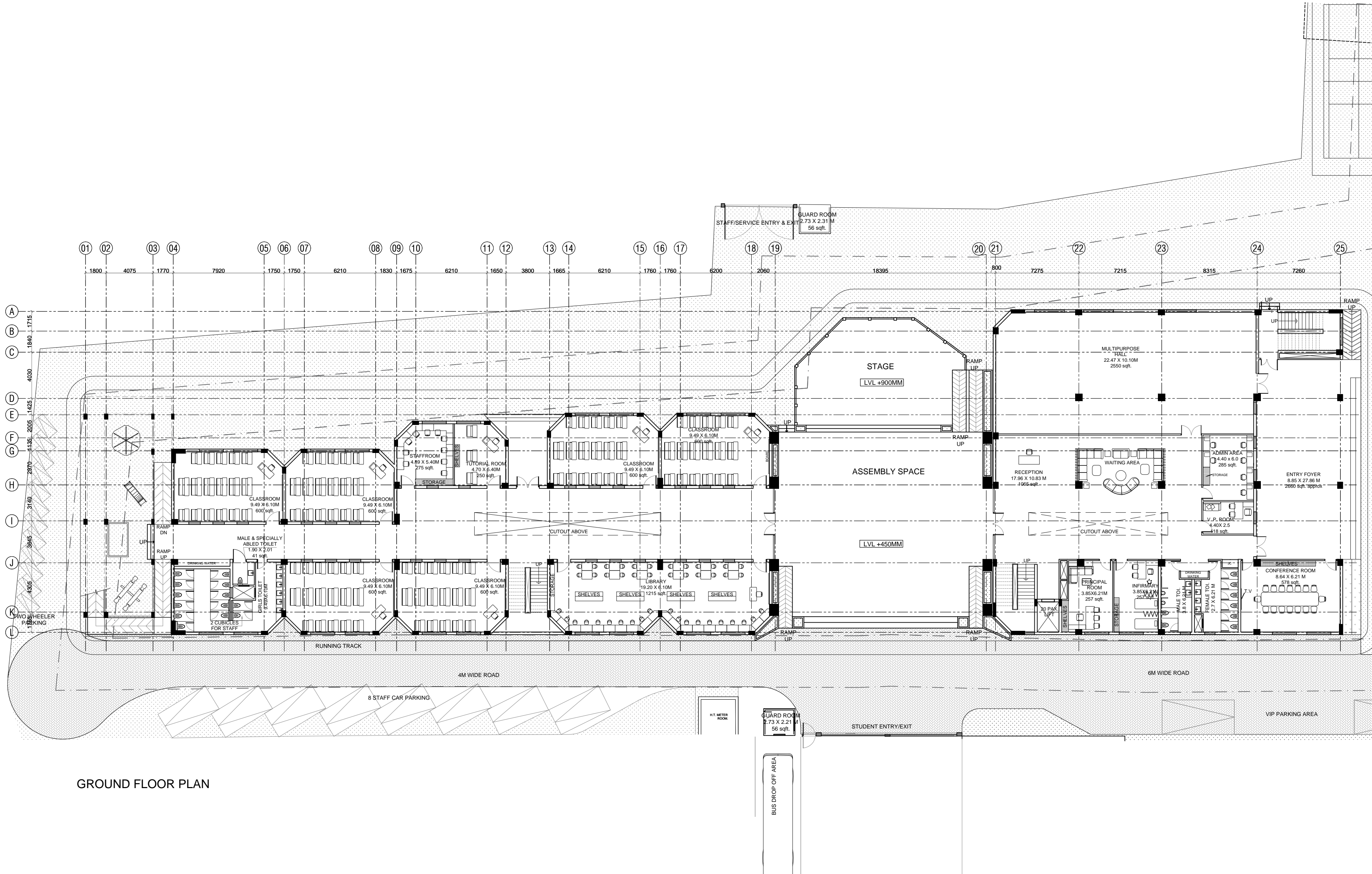
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GROUND FLOOR PLAN

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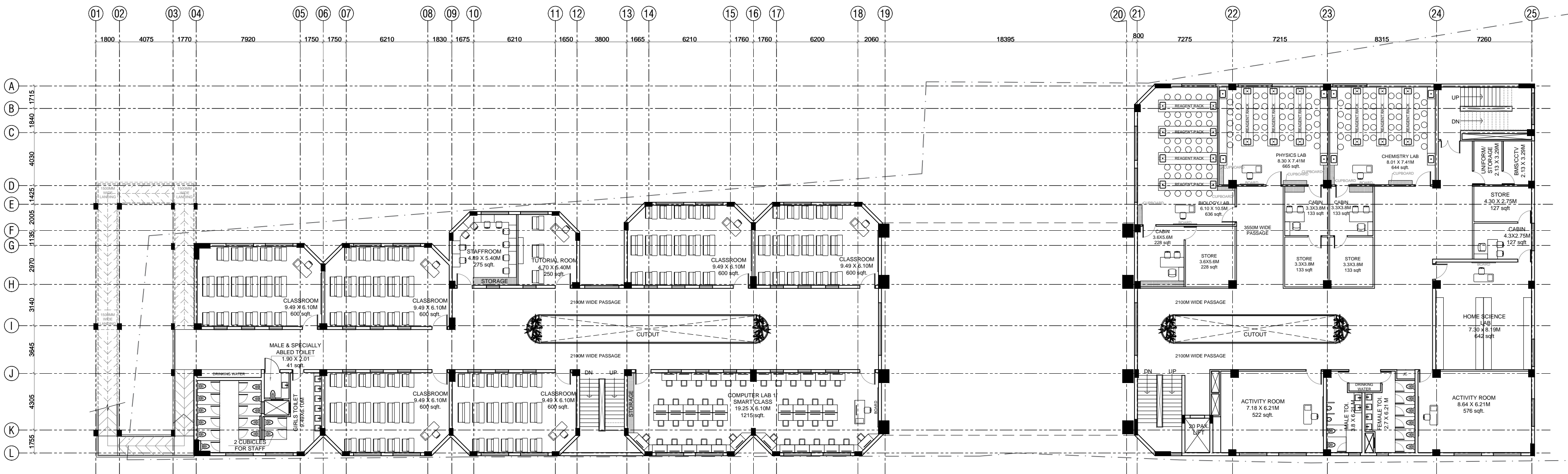
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FURNITURE LAYOUT PLAN
GROUND FLOOR - PHASE 1

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Drawing Sheet Size	A2
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Job Code	VMS01
Drawing Number	L1011
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FIRST FLOOR PLAN

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Job Title
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Drawing Title
FURNITURE LAYOUT PLAN
FIRST FLOOR - PHASE 1

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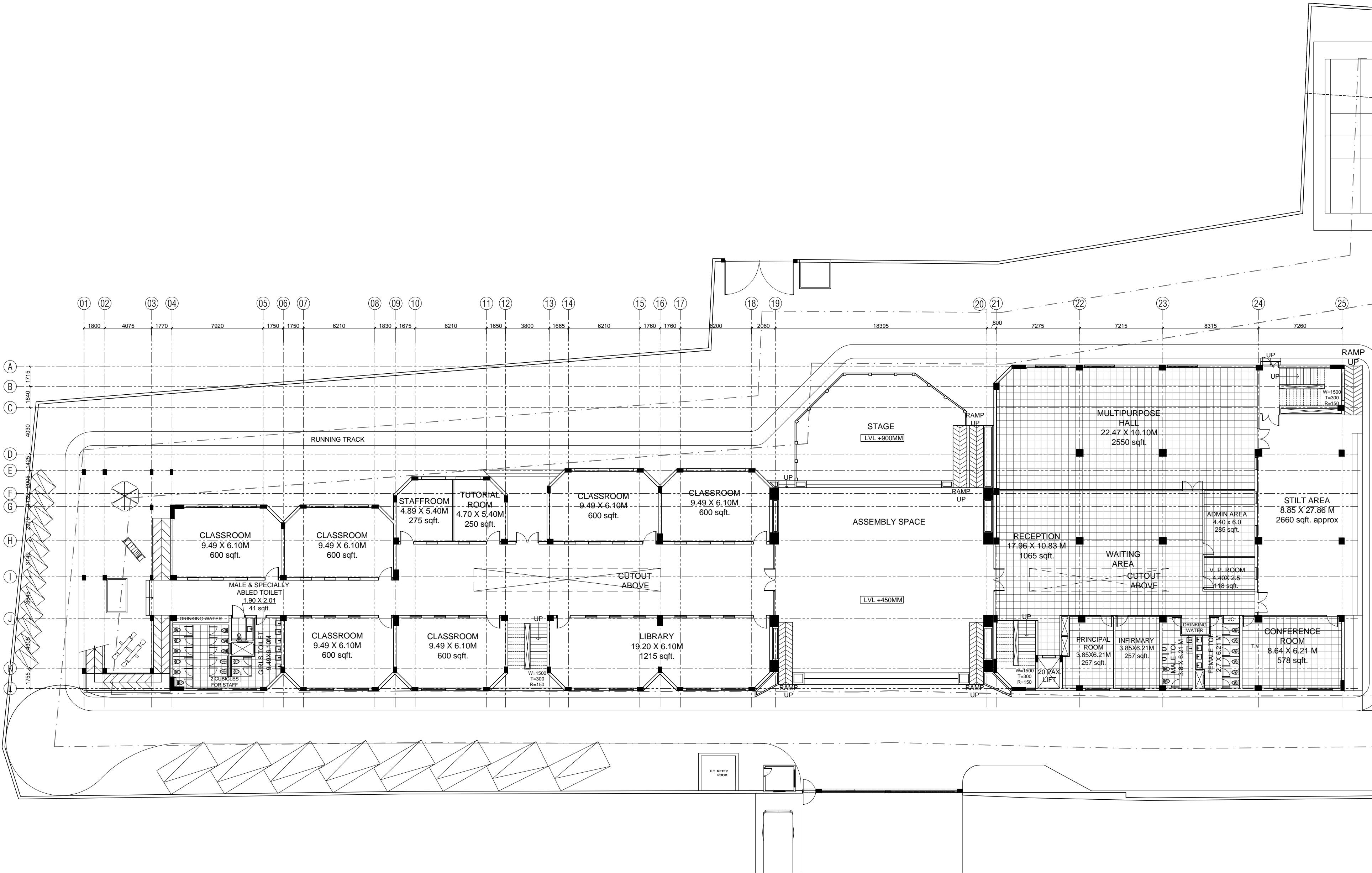
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Scale	1:250
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LEGENDS

600X600MM GRID TILES
FALSE CEILING LVL (+3400MM)



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Job Title
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RCP LAYOUT PLAN
GROUND FLOOR - PHASE 1

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Drawing Sheet Size	A2
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Job Code	VMS01
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Revision	A

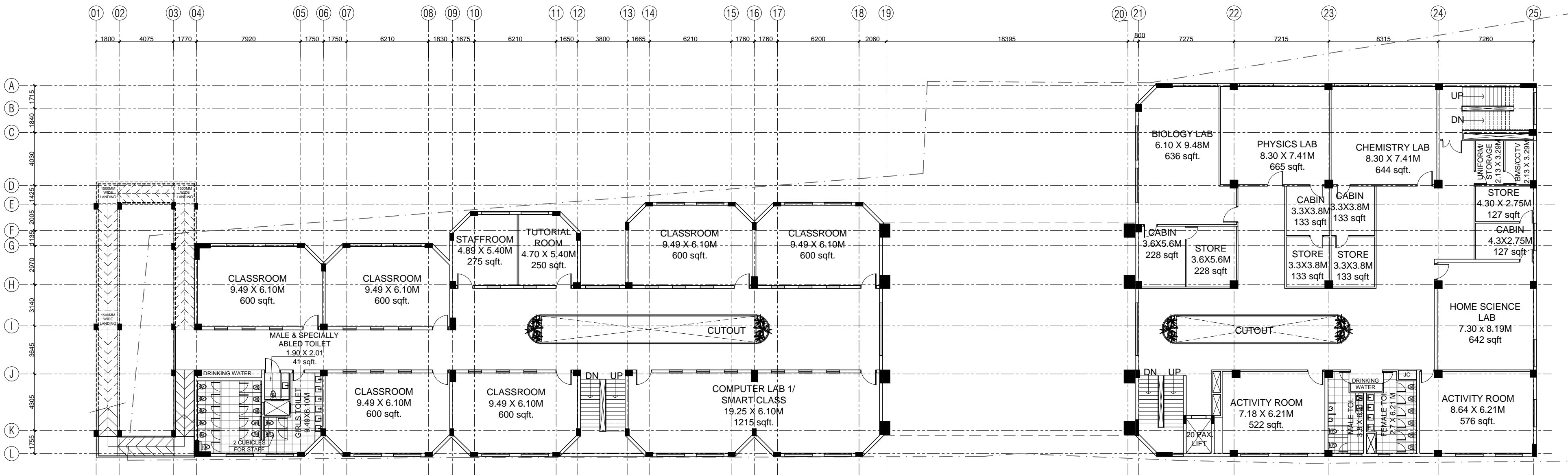


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LEGENDS

600X600MM GRID TILES
FALSE CEILING LVL (+3400MM)



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Job Title
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RCP LAYOUT PLAN
FIRST FLOOR - PHASE 1

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Drawn by	SR
Drawing Sheet Size	A2
Scale	1:250
Inspected by	SJH
Job Code	VMS01
Drawing Number	L1101
Revision	A

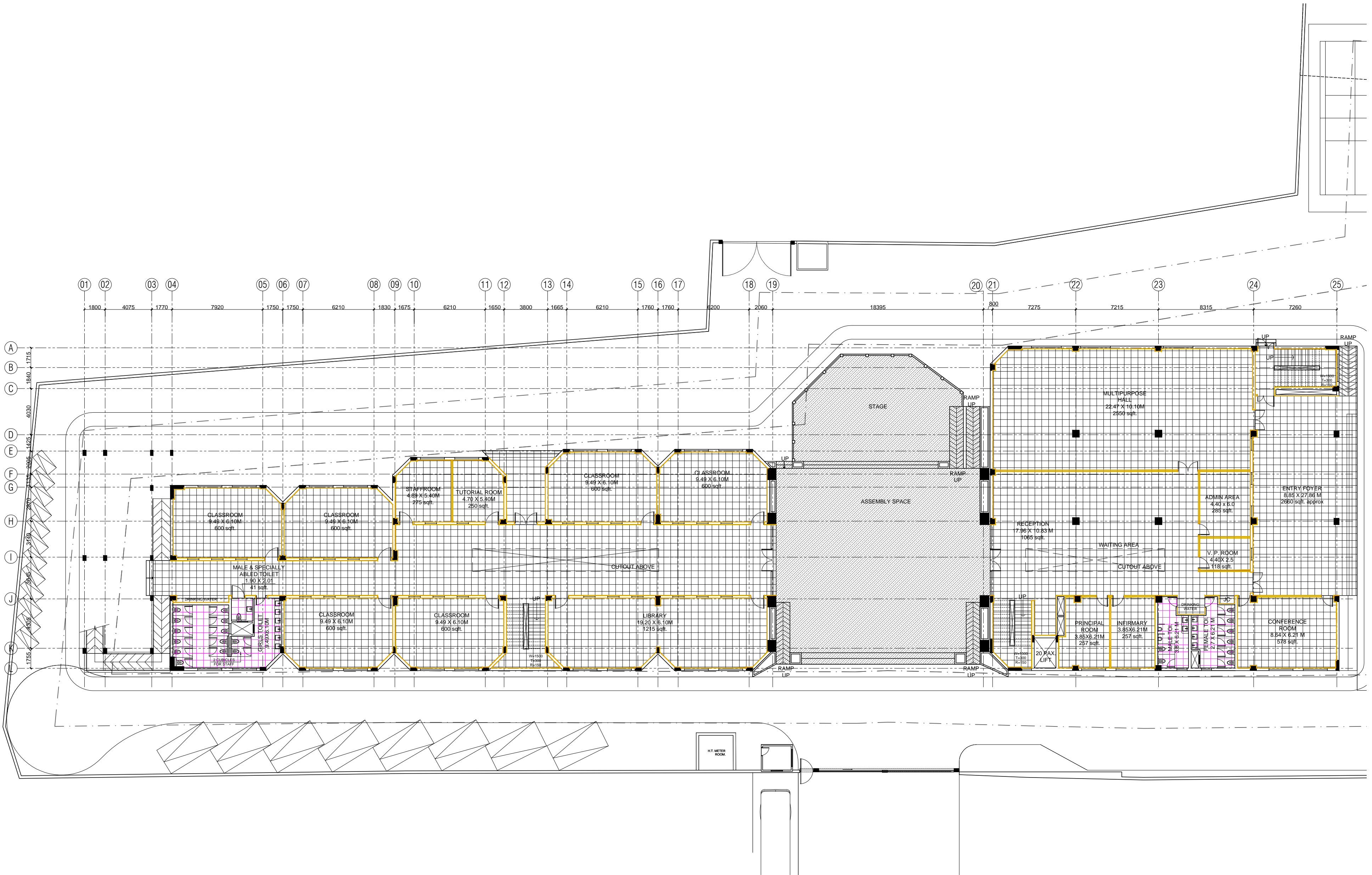


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FIRST FLOOR PLAN

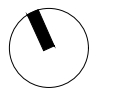
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LEGENDS : FLOOR FINISHES	
	(600X600MM) 25MM THK.KOTA STONE
	(600X600MM) VITRIFIED TILES
	GRANITE STONE FLOORING
	100MM HIGH SKIRTING KOTA STONE



FOR TENDER

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Job Title
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JAIPUR**

Drawing Title
**FLOORING LAYOUT PLAN
GROUND FLOOR - PHASE 1**

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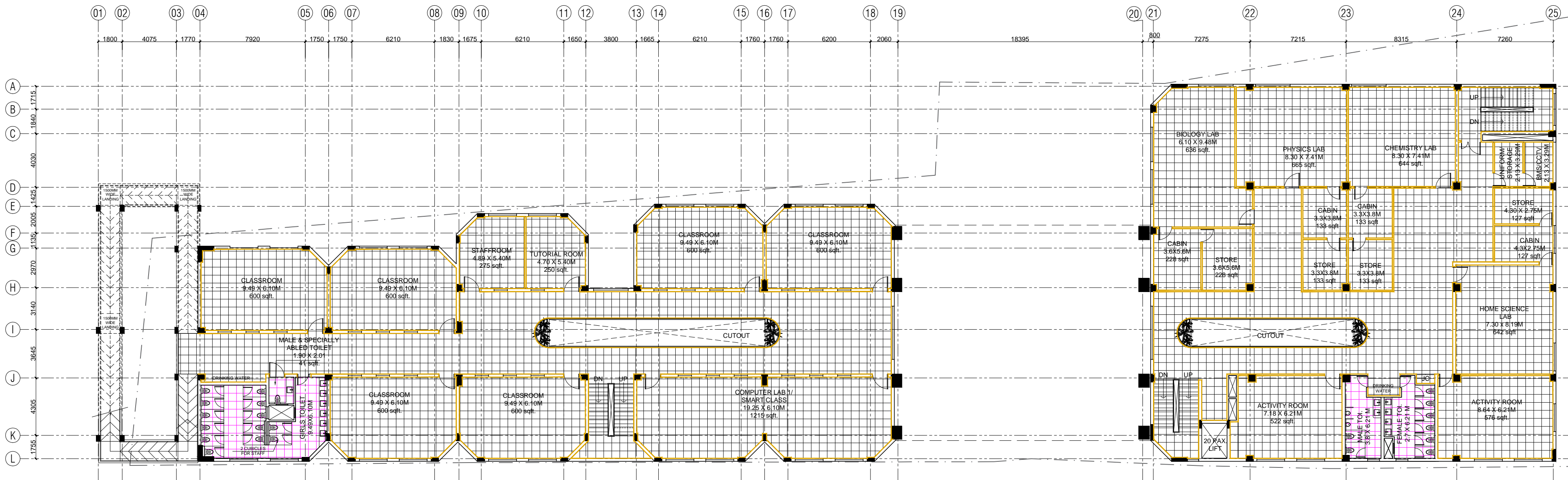
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Drawing Sheet Size	A2
Scale	1:250
Inspected by	SJH
Job Code	VMS01
Drawing Number	L1501
Revision	A

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	(600X600MM) VITRIFIED TILES
	GRANITE STONE FLOORING
	100MM HIGH SKIRTING KOTA STONE



FOR TENDER

Revision	Date	Revision Notes	Issued By	Inspected By
A	05-01-2024	First Issued	SR	SJH



Job Title
VIMUKTI SANSTHA SCHOOL
JAIPUR

Drawing Title

FLOORING LAYOUT PLAN
FIRST FLOOR - PHASE 1

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FIRST FLOOR PLAN

First Issued 05-01-2024

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Drawing Sheet Size A2

Scale 1:250

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Job Code VMS01

Drawing Number L1502

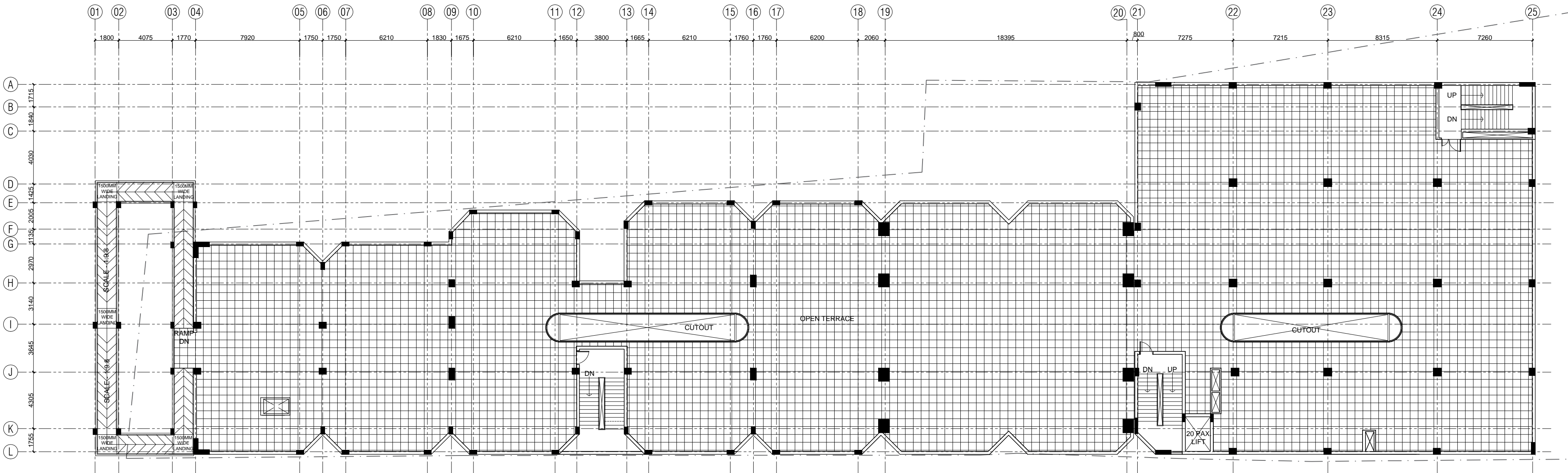
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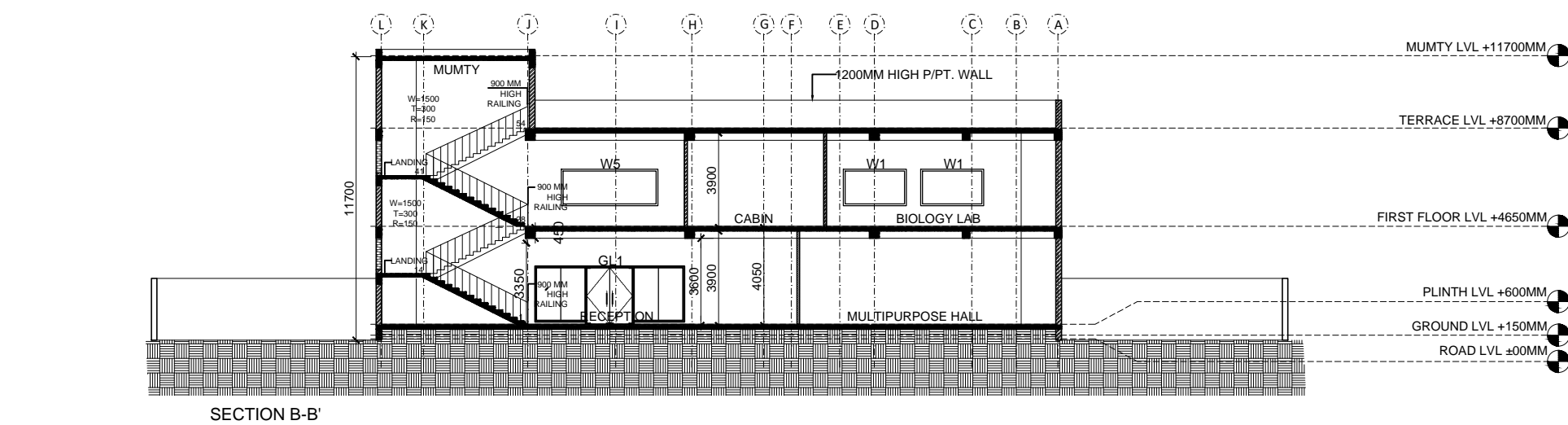
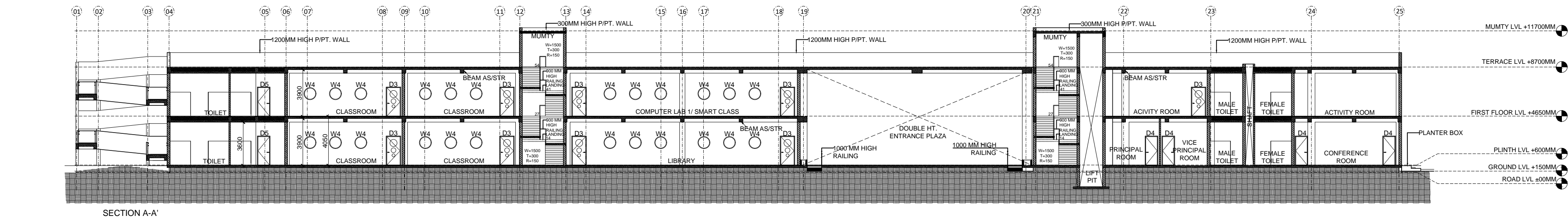
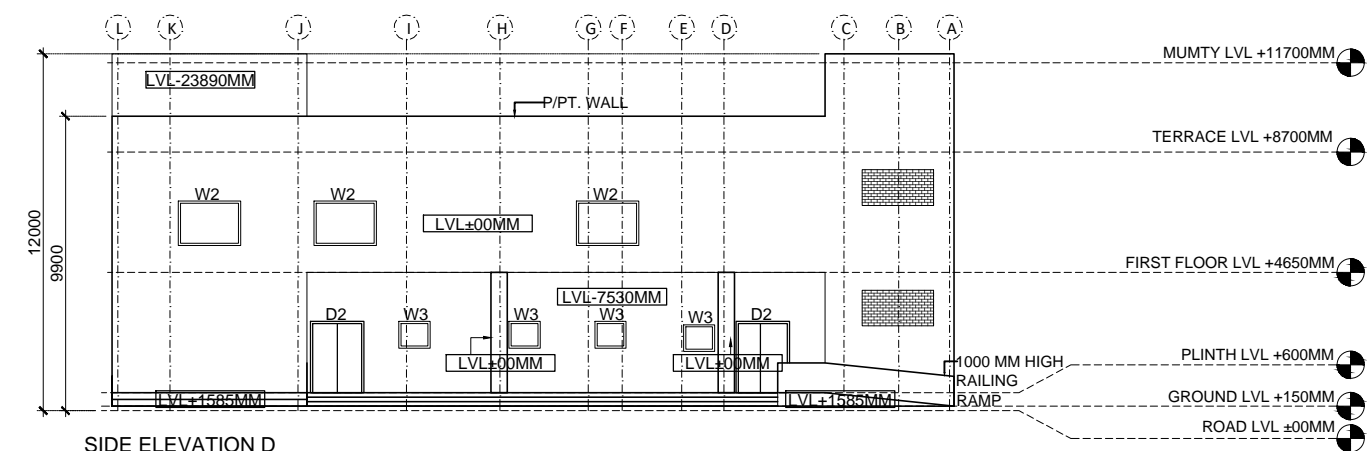
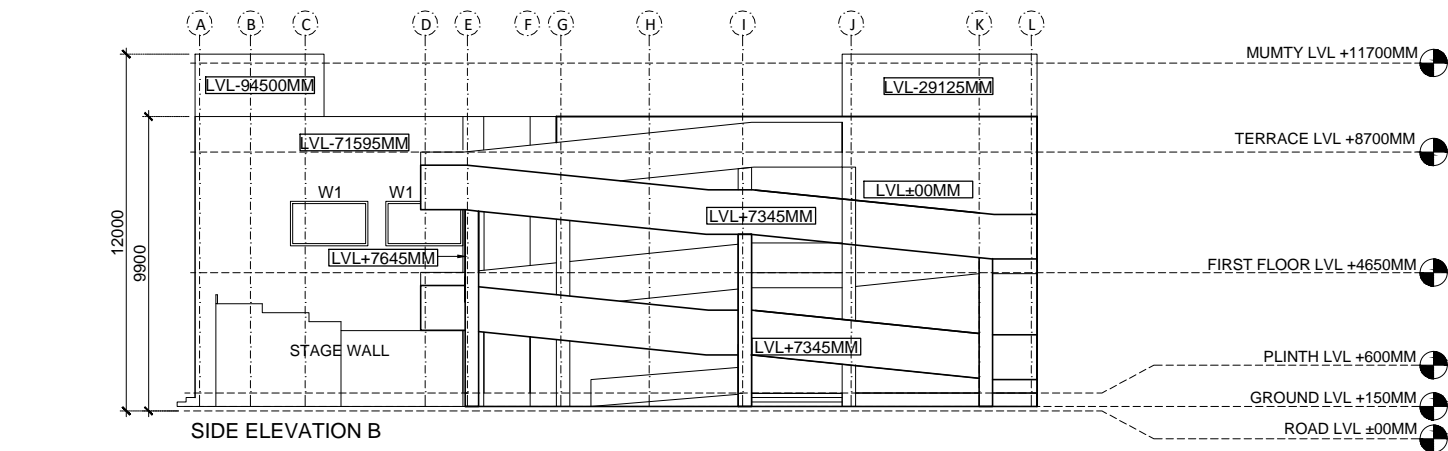
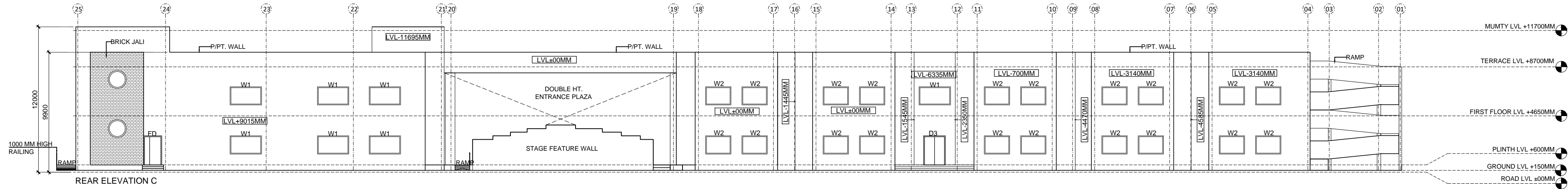
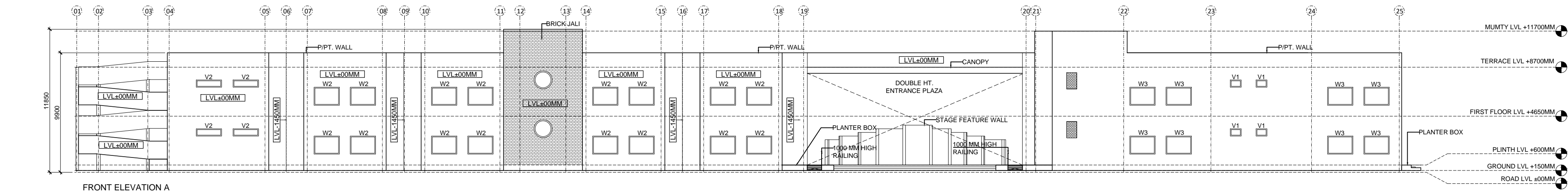
Drawing Title
**FLOORING LAYOUT PLAN
TERRACE - PHASE 1**

Check all dimensions and verify on site. Report any errors or omissions

First issued	05-01-2024
Drawn by	SR
Drawing Sheet Size	A2
Scale	1:250
Inspected by	SJH
Job Code	VMS01
Drawing Number	L1503
Revision	A

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A	05-01-2024	First Issued	SR	SJH



Job Title
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JAIPUR

Drawing Title
ELEVATIONS & SECTIONS

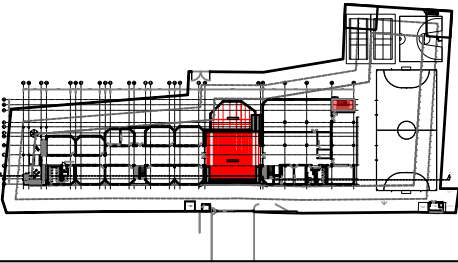
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Drawn by	SR
Drawing Sheet Size	A2
Scale	1:250
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Drawing Number	L3000
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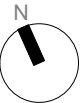
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KEY PLAN



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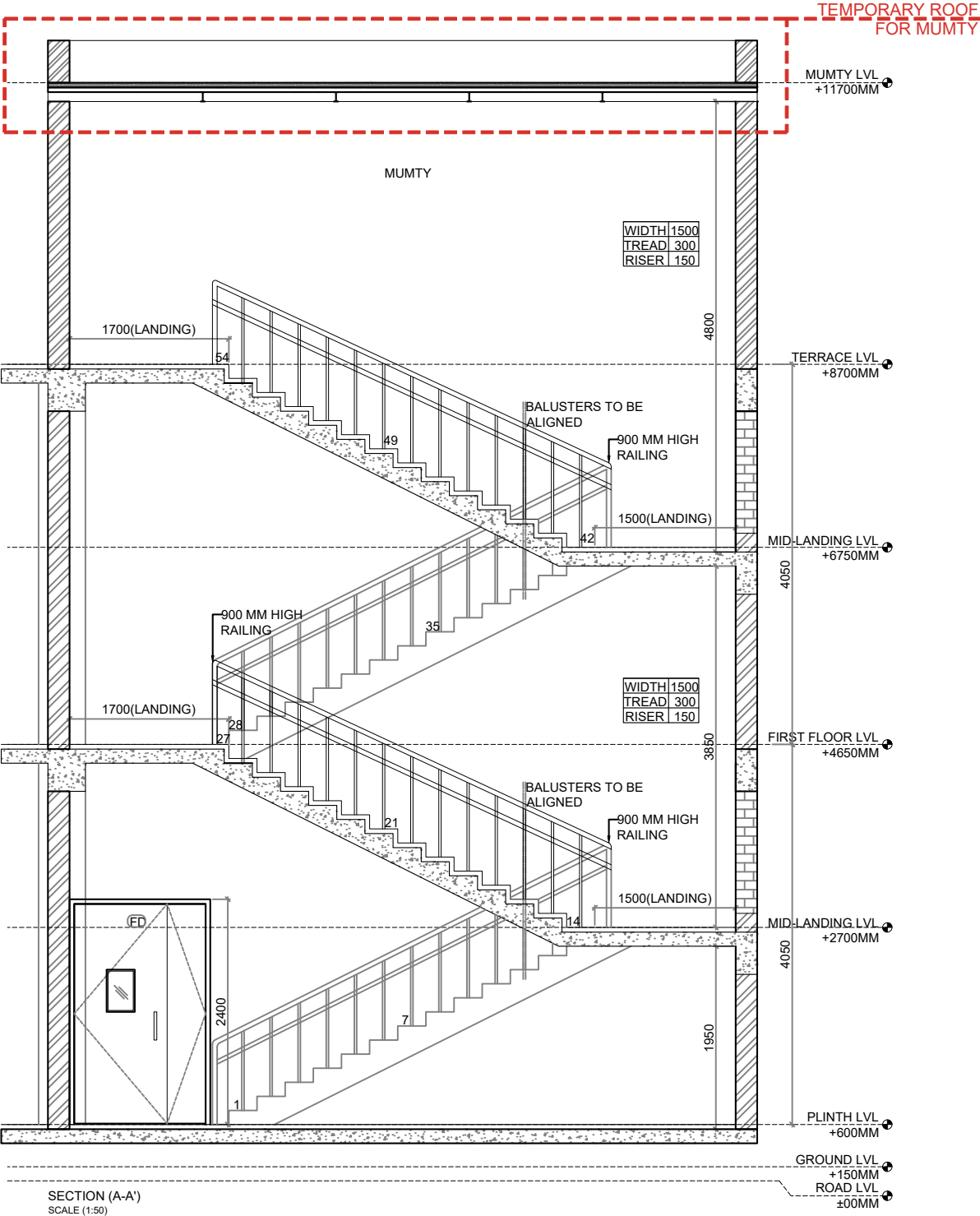
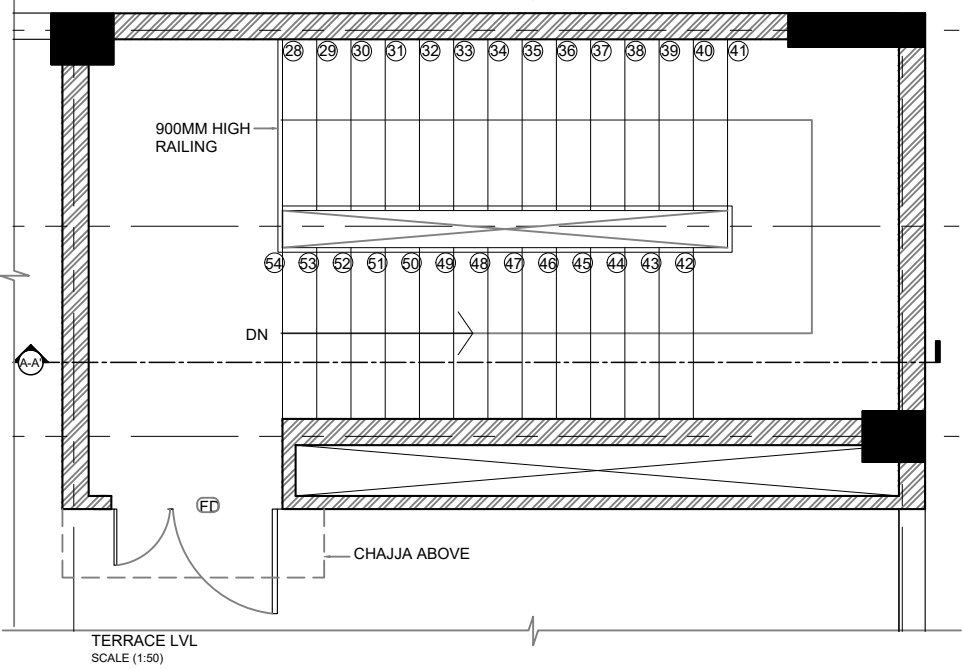
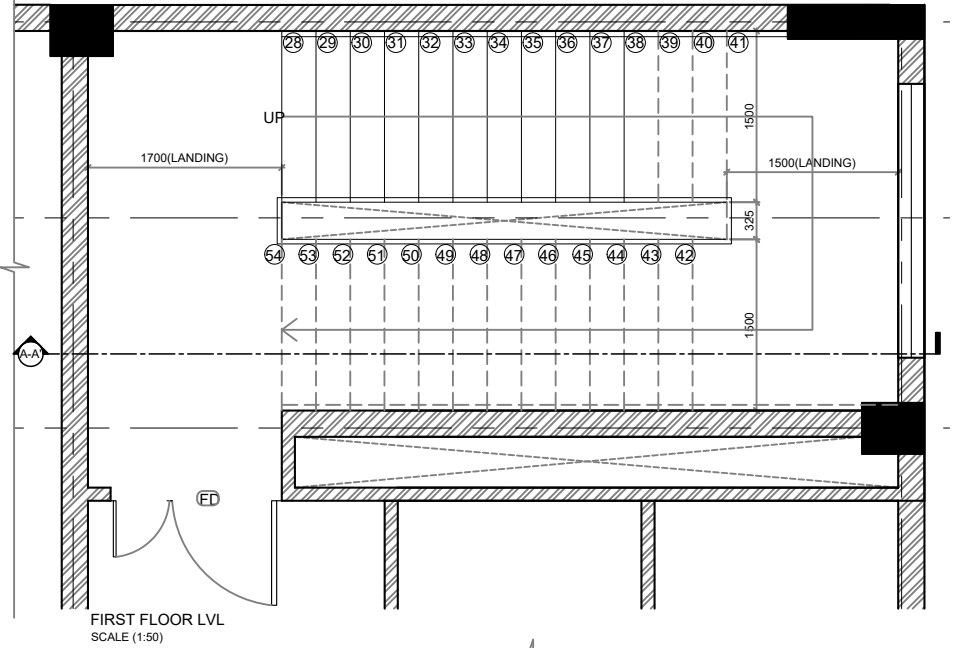
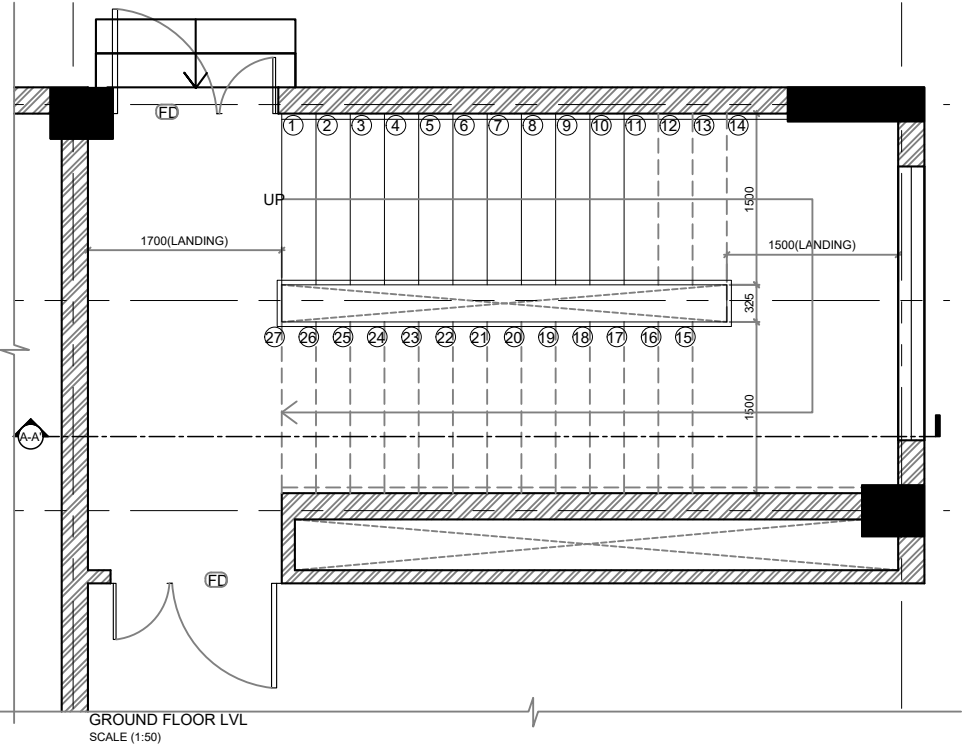
Job Title
**VIMUKTI SANSTHA SCHOOL
JAIPUR**

Drawing Title
STAIRCASE DETAIL

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First Issued	05-01-2024
Drawn by	SR
Drawing Sheet Size	A3
Scale	1:50
Inspected by	SJH
Job Code	VMS01
Drawing Number	A1000
Revision	A

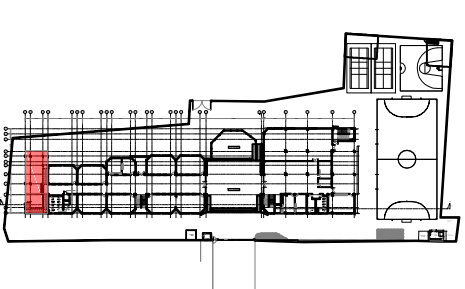
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SECTION (A-A')
SCALE (1:50)

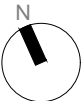
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Job Title

VIMUKTI SANSTHA SCHOOL
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Drawing Title

RAMP DETAIL

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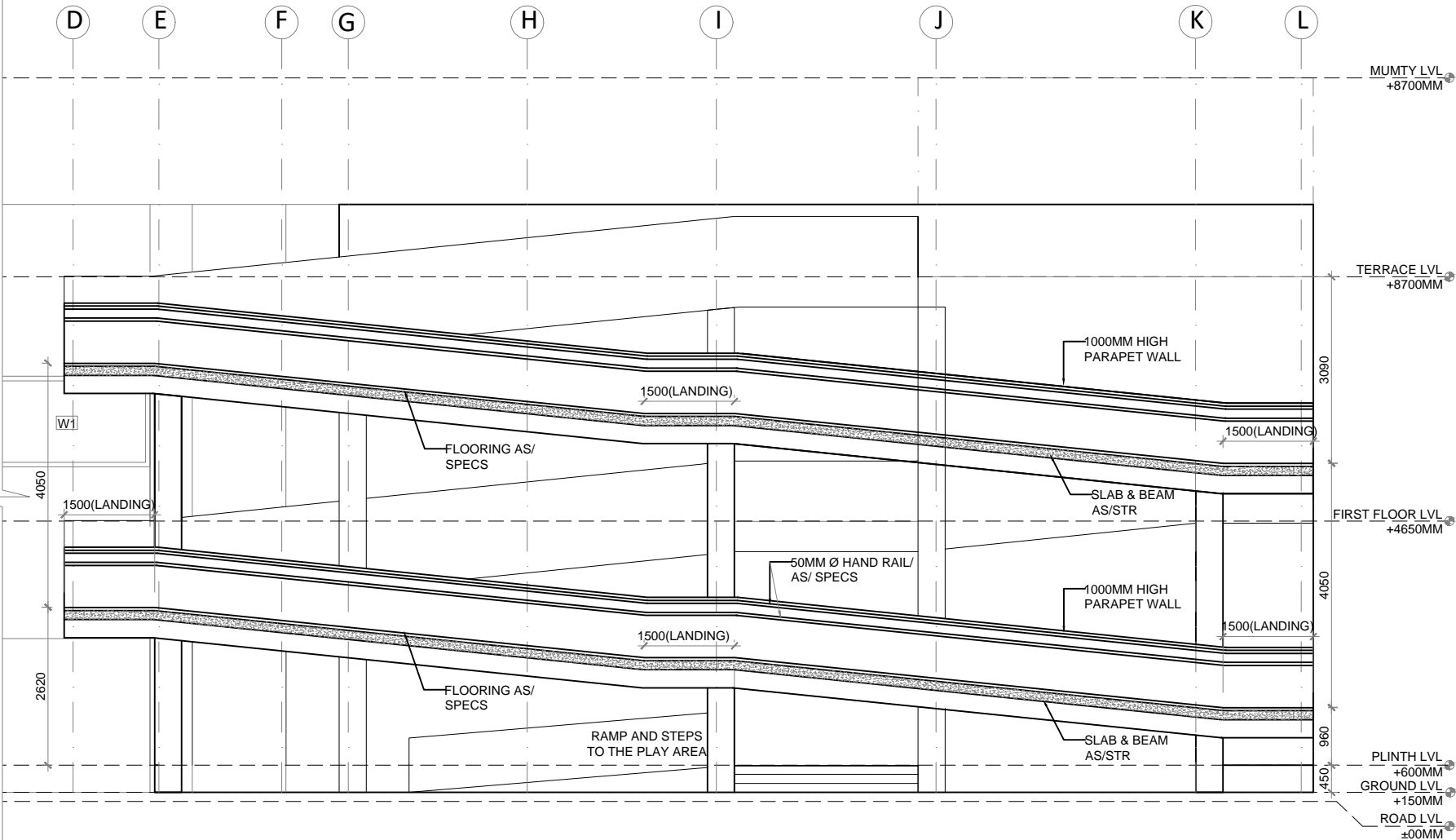
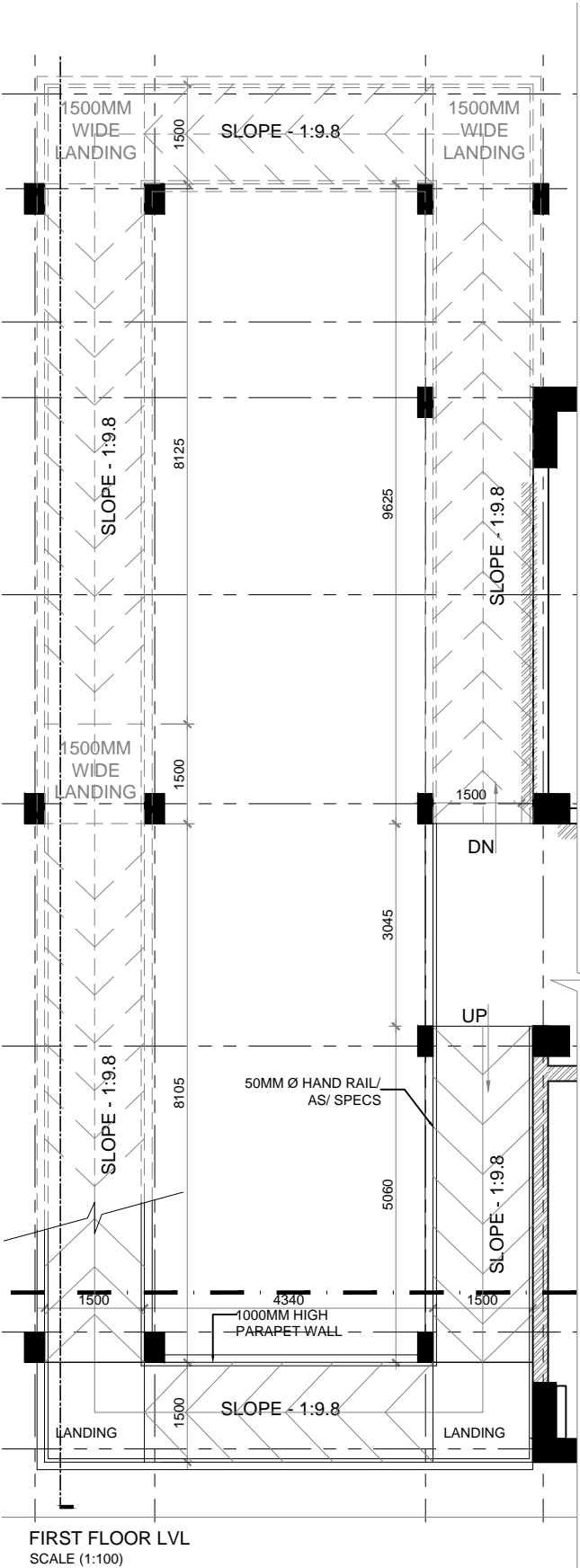
First Issued	05-01-2024
Drawn by	SR
Drawing Sheet Size	A3
Scale	1:100
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Drawing Number	A1005
Revision	A



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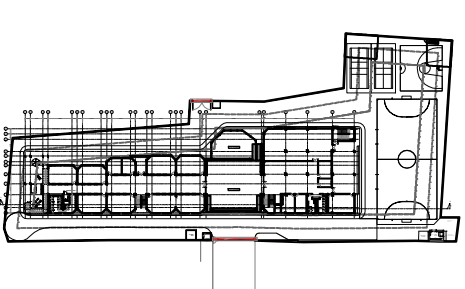
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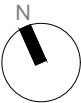
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A	05-01-2024	First Issued	SR	SJH



Job Title

VIMUKTI SANSTHA SCHOOL
JAIPUR

Drawing Title

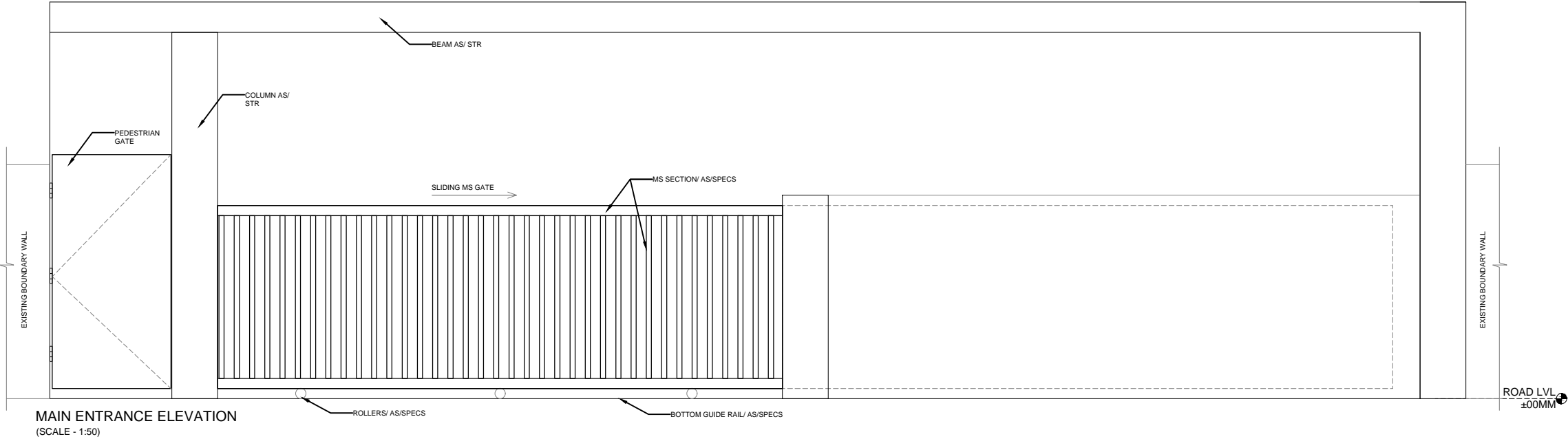
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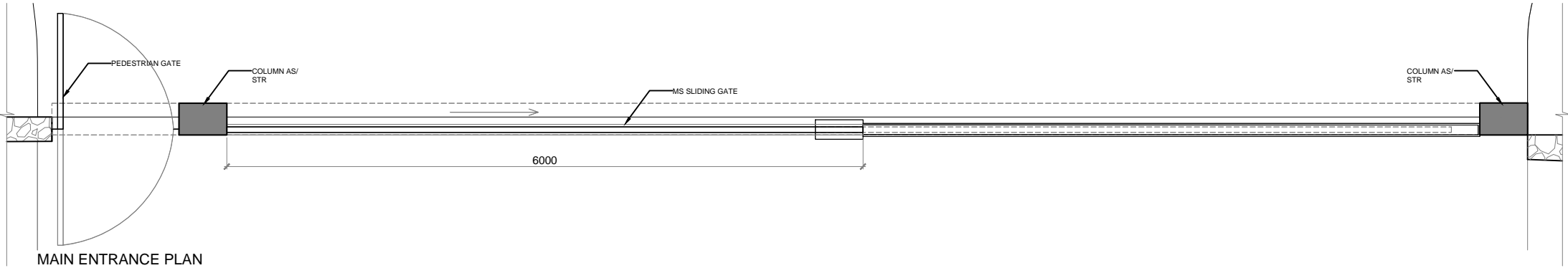
First Issued	05-01-2024
Drawn by	SR
Drawing Sheet Size	A3
Scale	1:50
Inspected by	SJH
Job Code	VMS01
Drawing Number	A1010
Revision	A



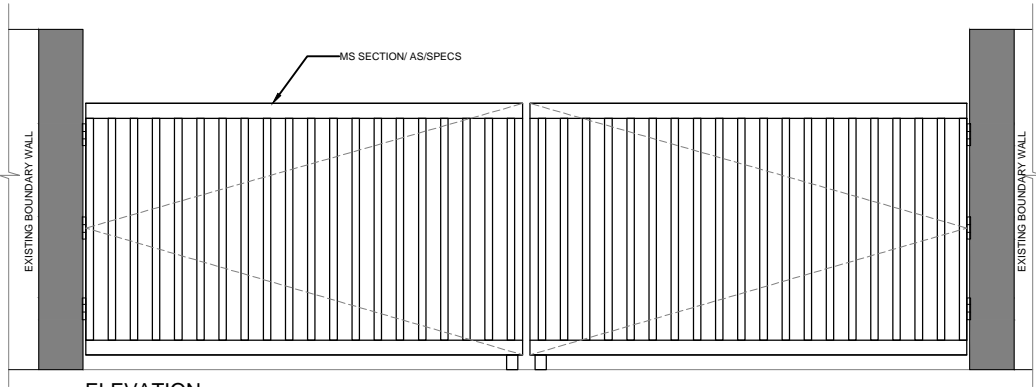
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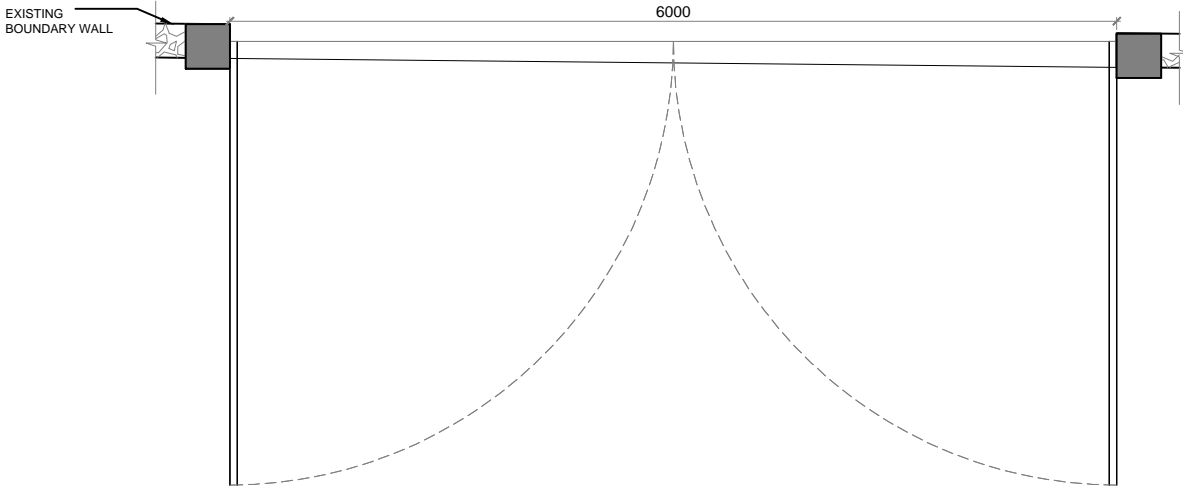
MAIN ENTRANCE ELEVATION
(SCALE - 1:50)



MAIN ENTRANCE PLAN
(SCALE - 1:50)



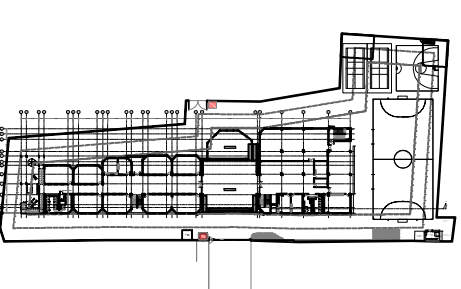
ELEVATION
(SCALE - 1:50)



PLAN
(SCALE - 1:50)

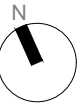
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A	05-01-2024	First Issued	SR	SJH



Job Title

VIMUKTI SANSTHA SCHOOL
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Drawing Title

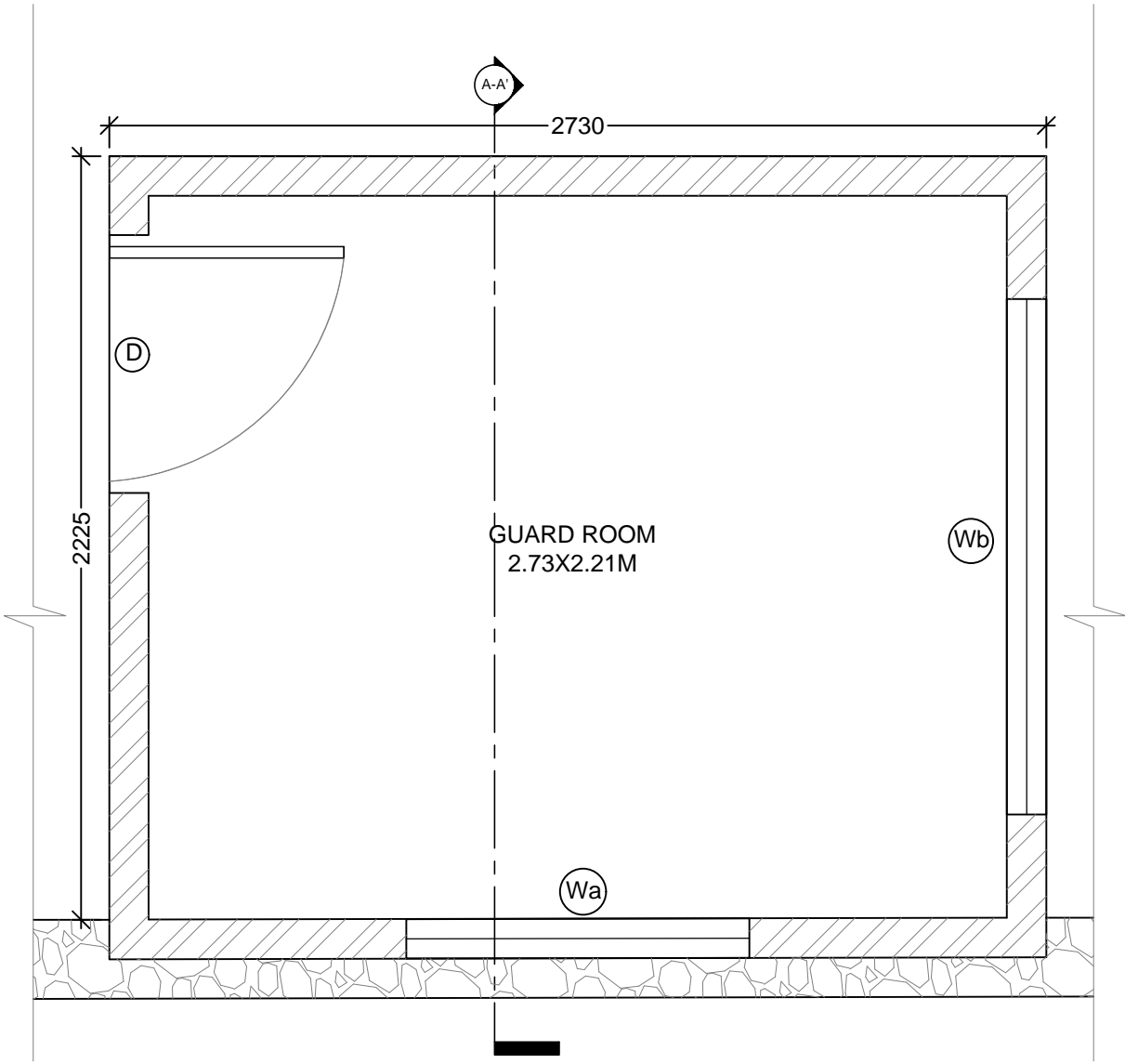
GUARD ROOM

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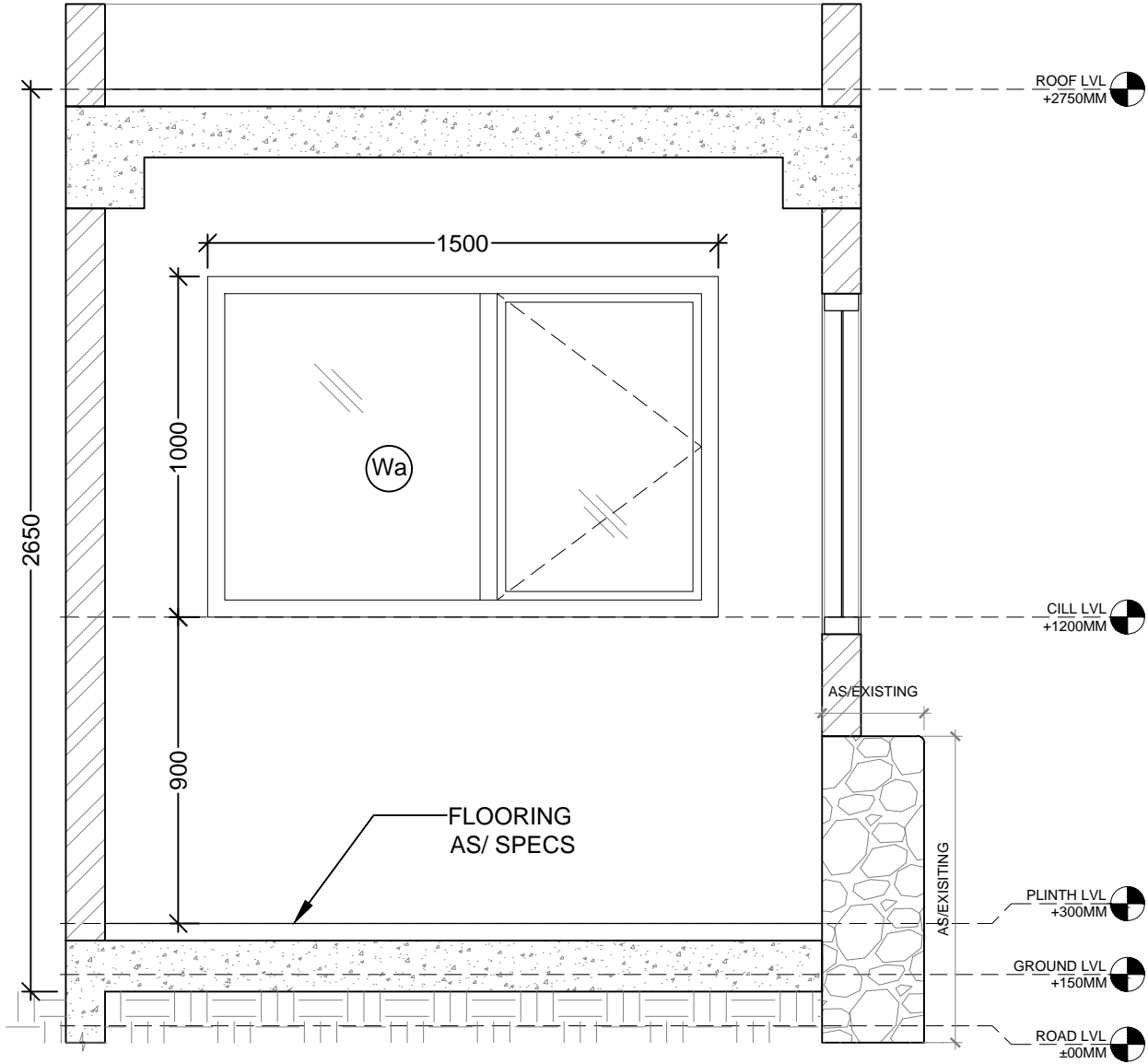
First Issued	05-01-2024
Drawn by	SR
Drawing Sheet Size	A3
Scale	1:20
Inspected by	SJH
Job Code	VMS01
Drawing Number	A1015
Revision	A



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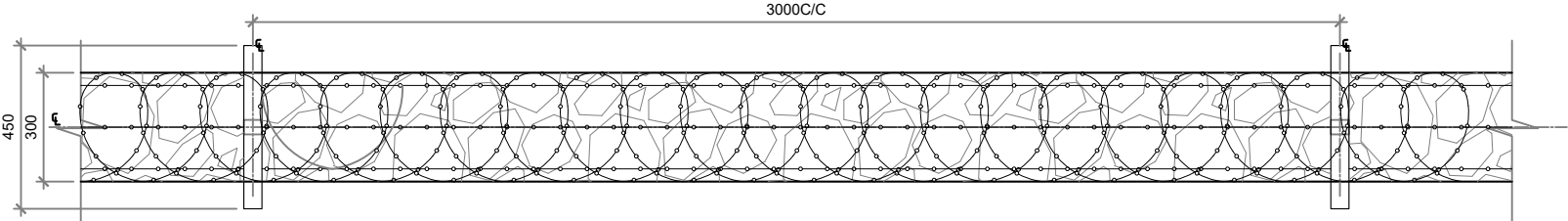
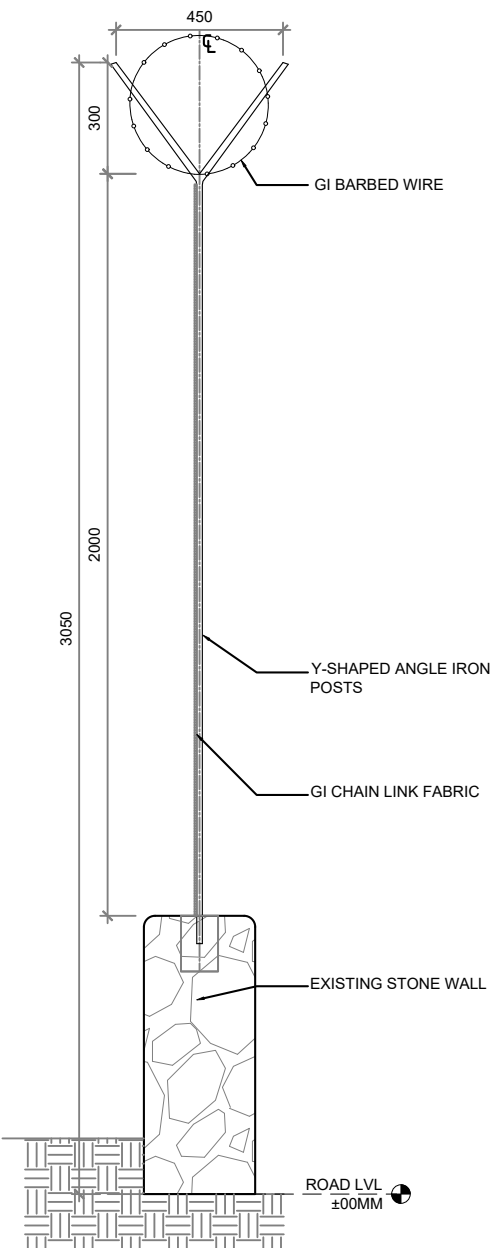
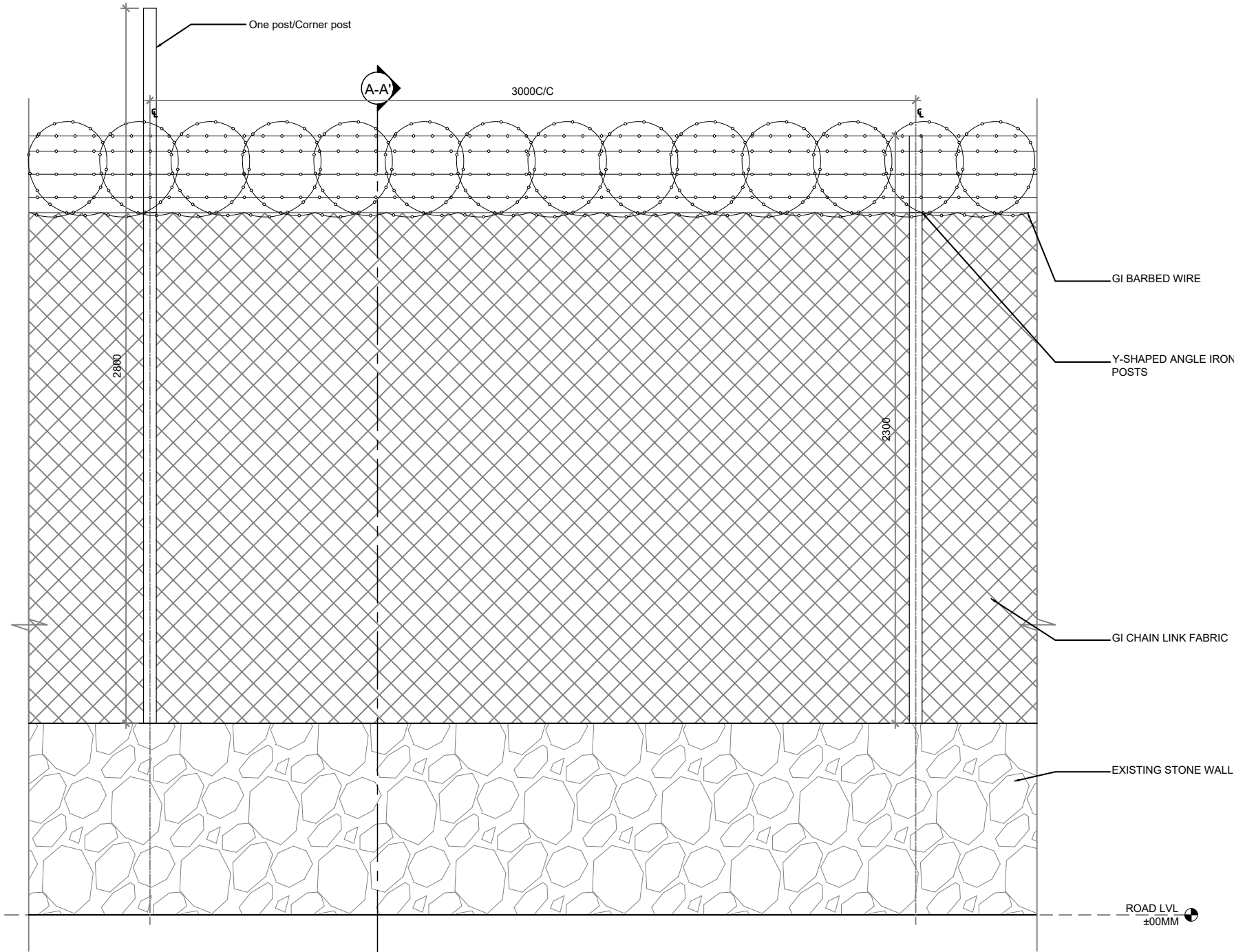


PLAN - GUARD ROOM
SCALE (1:50)



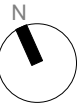
SECTION (A-A')
SCALE (1:50)

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Drawing Title
BOUNDARY WALL DETAIL

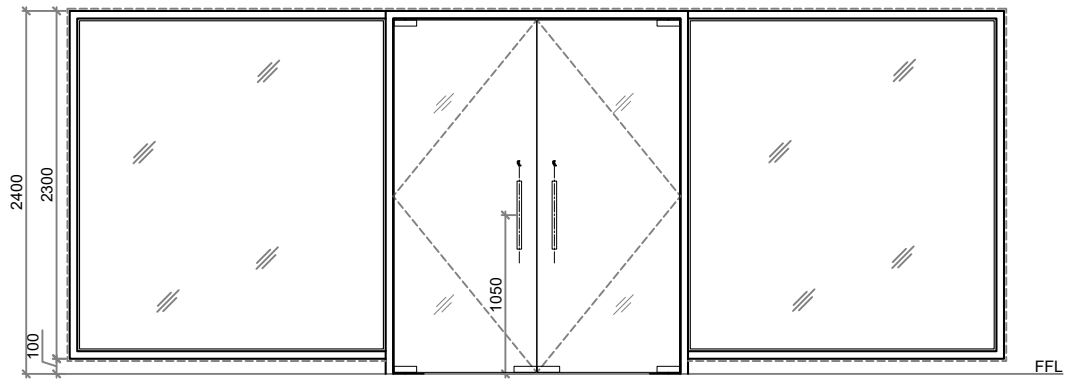
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Drawing Sheet Size	A3
Scale	1:20
Inspected by	SJH
Job Code	VMS01
Drawing Number	A1020
Revision	A

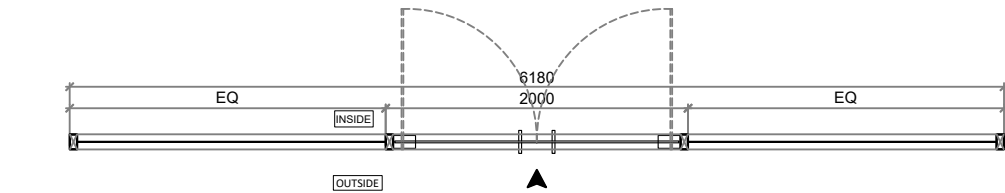
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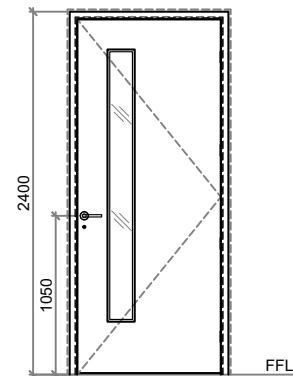
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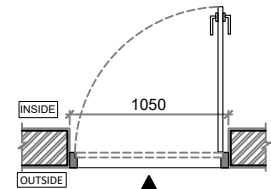
ELEVATION - GL1



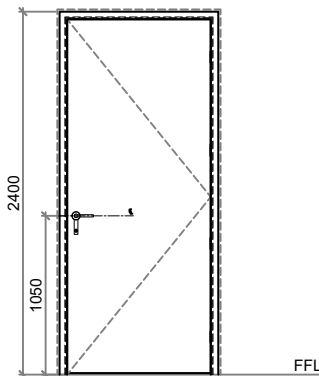
PLAN - GL1



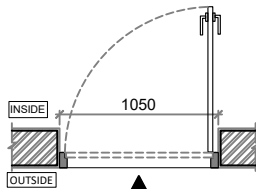
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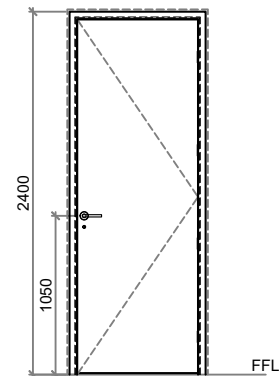
PLAN - D4



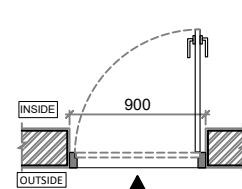
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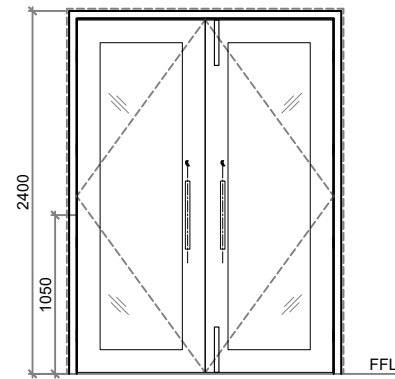
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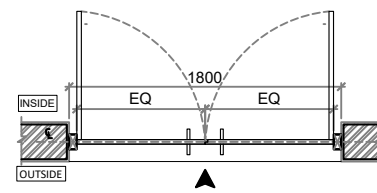
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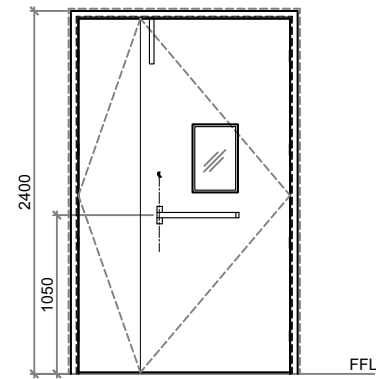
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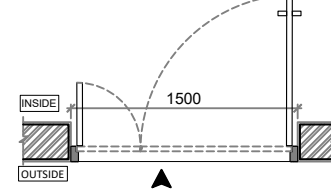
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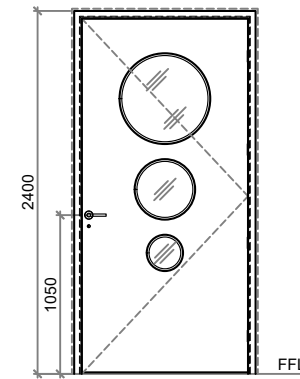
PLAN - D2



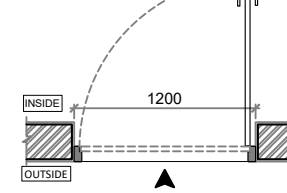
ELEVATION - FD



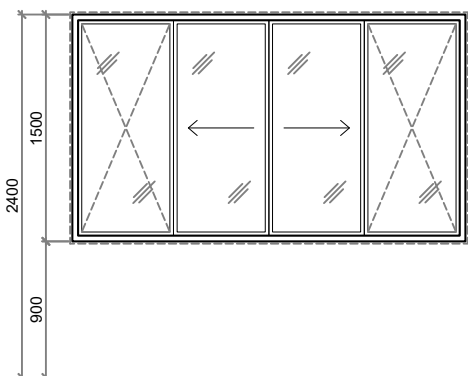
PLAN - FD



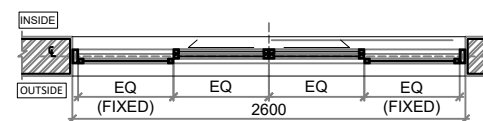
ELEVATION - D3



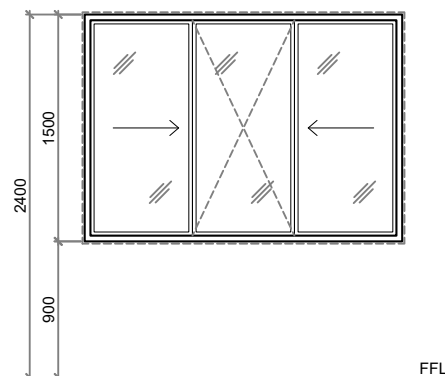
PLAN - D3



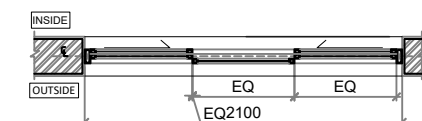
ELEVATION - W1



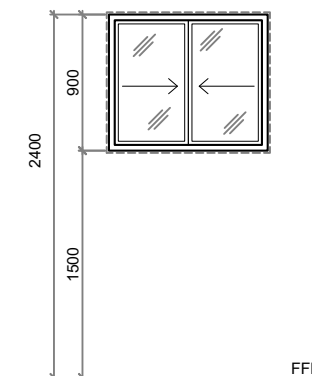
PLAN - W1



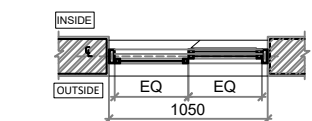
ELEVATION - W2



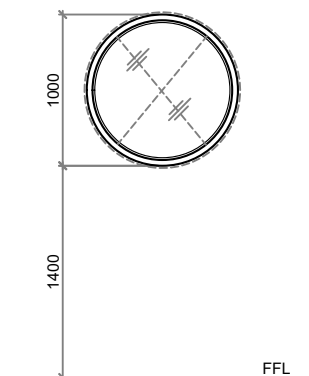
PLAN - W2



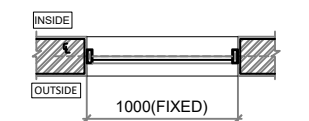
ELEVATION - W3



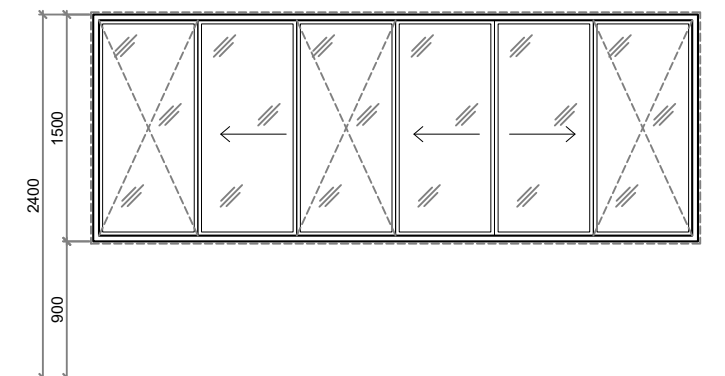
PLAN - W3



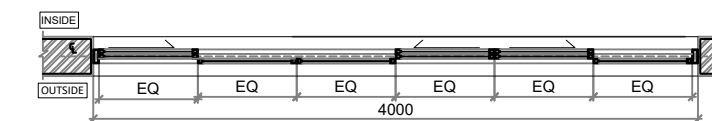
ELEVATION - W4



PLAN - W4



ELEVATION - W5



PLAN - W5

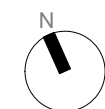
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DOOR WINDOW SCHEDULE

S.NO	NAME	WIDTH	HEIGHT	CILL LVL	Lintel LVL	NOS.	AREA(Sqm)	TYPE
1.0	Ground Floor							
1.1	Doors							
1.11	GL1	2000	2400		2400	2	4.8	
1.12	D2	1800	2400		2400	4	4.3	
1.13	FD	1500	2400		2400	2	3.6	
1.14	D3	1200	2400		2400	10	2.8	
1.15	D4	1050	2400		2400	6	2.5	
1.16	D4a	1050	2400		2400	1	2.5	
1.17	D5	900	2400		2400	3	2.1	
1.2	Windows							
1.21	W1	2600	1500	900	2400	3	3.9	P.O.
1.22	W2	2100	1500	900	2400	22	3.1	P.O.
1.23	W3	1050	900	1500	2400	4	0.94	F.O.
1.24	W4	1000	1000	1400	2400	27	0.78	FIXED
1.3	Ventilators							
1.31	V1	900	600	2400	3000	6	0.5	
1.32	V2	2100	600	2400	3000	2	1.2	
2.0	First Floor							
2.1	Doors							
2.11	FD	1500	2400		2400	1	3.6	
2.12	D3	1200	2400		2400	15	2.8	
2.13	D4	1050	2400		2400	11	2.5	
2.14	D4a	1050	2400		2400	1	2.5	
2.15	D5	900	2400		2400	3	2.1	
2.2	Windows							
2.21	W1	2600	1500	900	2400	6	3.9	P.O.
2.22	W2	2100	1500	900	2400	25	3.1	P.O.
2.23	W4	1000	1000	1400	2400	26	0.78	FIXED
2.24	W5	4000	1500	900	2400	2	6.0	P.O.
2.3	Ventilators							
2.31	V1	900	600	2400	3000	6	0.5	
2.32	V2	2100	600	2400	3000	2	1.2	

FOR TENDER

Revision	Date	Revision Notes	Issued By	Inspected By
A	05-01-2024	First Issued	SR	SJH



Job Title

VIMUKTI SANSTHA SCHOOL
JAIPUR

Drawing Title

DOOR WINDOW DETAILS

Check all dimensions and verify on site. Report any errors or omissions

First Issued 05-01-2024

Drawn by SR

Drawing Sheet Size A3

Scale 1:50

Inspected by SJH

Job Code VMS01

Drawing Number A1025

Revision A



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STRUCTURAL DRAWINGS

NOTES & REFERENCES: -

1. ALL DIMENSIONS ARE IN MM.
ALL LEVELS ARE IN MM. UNLESS NOTED
2023-ST-100
2. FOR GENERAL DETAILS REFER. DWG. NO.
3. ALL FOOTINGS SHALL BE PLACED CONCENTRICALLY
W.R.T COLUMN AND SHALL HAVE SAME ORIENTATION
AS COLUMN UNLESS SHOWN OTHERWISE.

NO.	AMENDMENTS	BY	DATE
A0	ISSUED FOR TENDER	SC	20.11.23
A1	ISSUED FOR TENDER	SC	15.12.23

Project Title:

VIMUKTI SANSTHA SCHOOL
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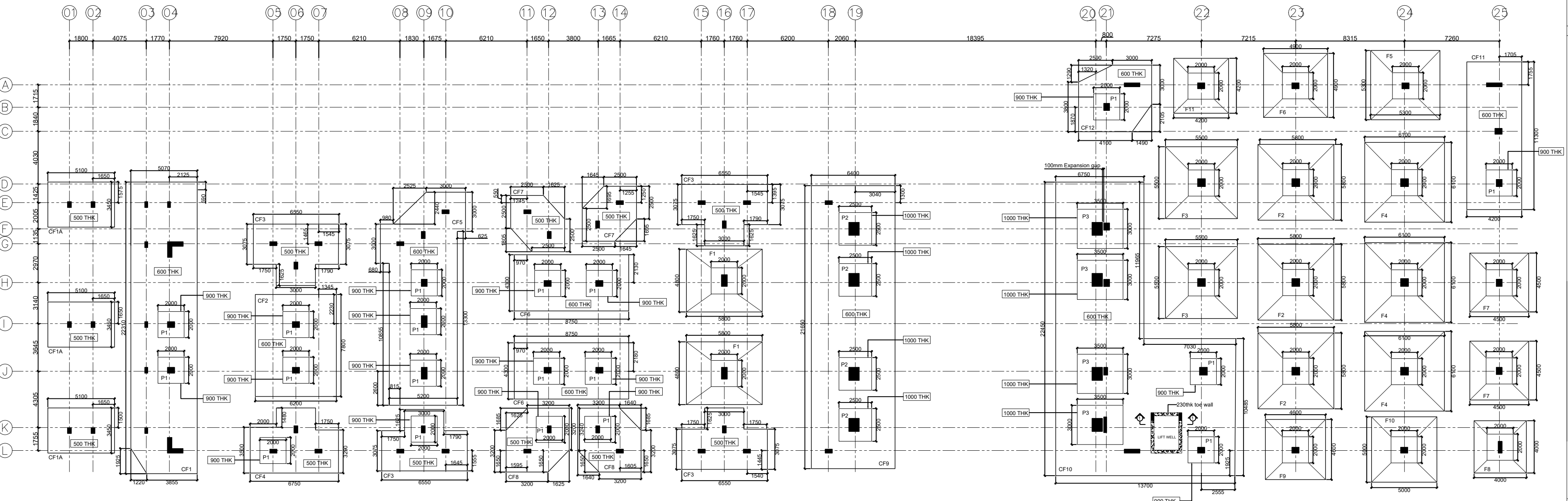


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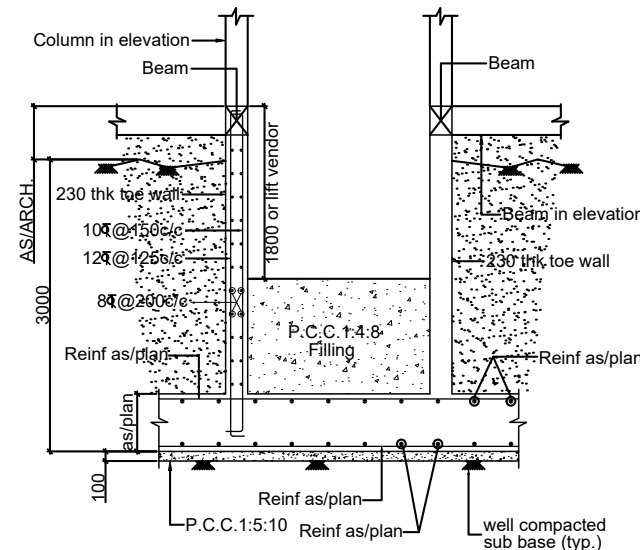
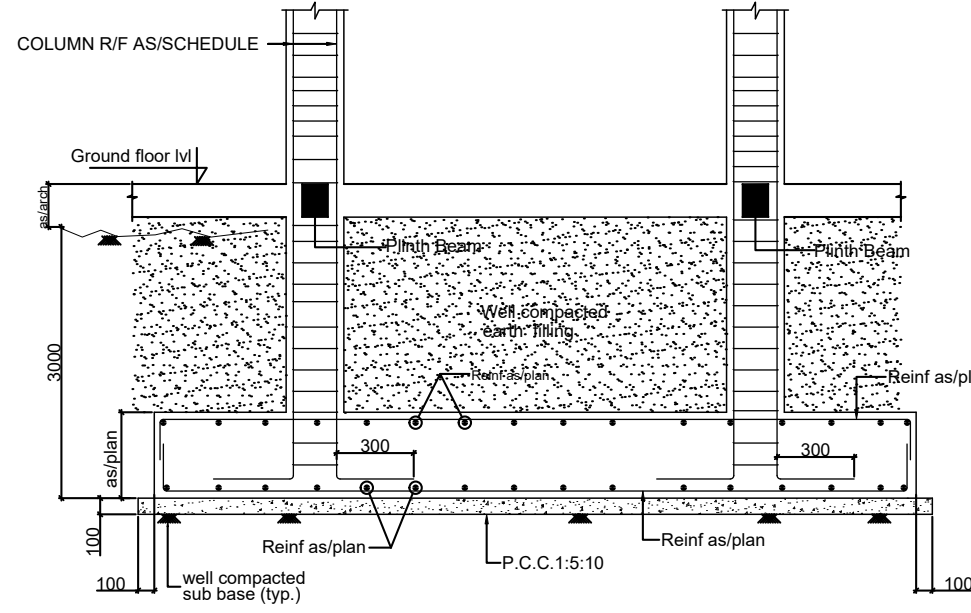
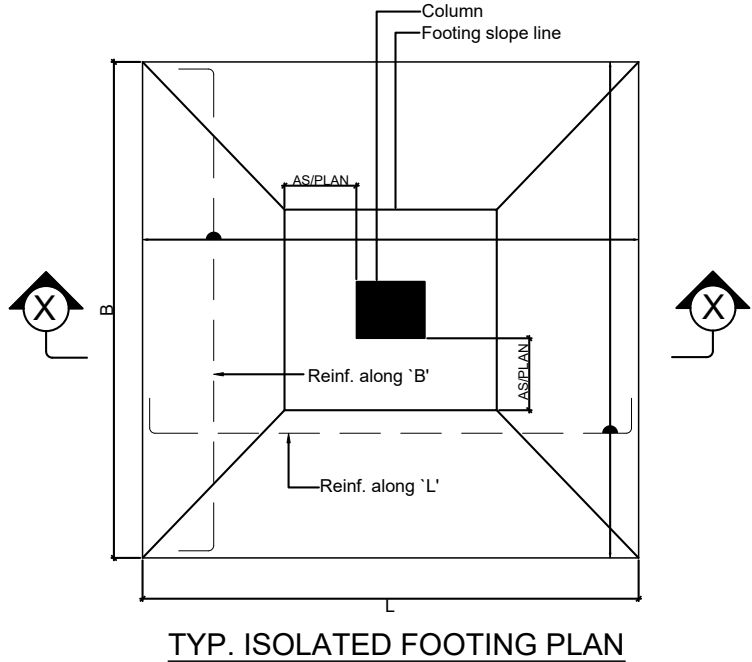
FOUNDATION PLAN
(PHASE-1)

Scale	NTS	Sheet size	A2
Drawn by	AR	Checked by	ARMAN
Date	05.01.24	Approved by	PIYUSH
Drawing no.	2023-ST-200	Revision	A1

FOUNDATION LAYOUT PLAN



FOOTING SCHEDULE							
S. NO.	FOOTING NOS.	FOOTING SIZE (B x L)	DEPTH (D)	REINFORCEMENT (BOTTOM)	REINFORCEMENT (TOP)	REINFORCEMENT (BOTTOM)	REINFORCEMENT (TOP)
1	F1	AS/PLAN	900	16 Φ @85c/c	16 Φ @85c/c	10 Φ @200c/c	10 Φ @200c/c
2	F2	AS/PLAN	1000	16 Φ @85c/c	16 Φ @85c/c	10 Φ @200c/c	10 Φ @200c/c
3	F3	AS/PLAN	900	20 Φ @125c/c	20 Φ @125c/c	10 Φ @200c/c	10 Φ @200c/c
4	F4	AS/PLAN	1000	20 Φ @85c/c	20 Φ @85c/c	10 Φ @200c/c	10 Φ @200c/c
5	F5	AS/PLAN	900	16 Φ @85c/c	16 Φ @85c/c	10 Φ @200c/c	10 Φ @200c/c
6	F6	AS/PLAN	900	16 Φ @100c/c	16 Φ @100c/c	10 Φ @200c/c	10 Φ @200c/c
7	F7	AS/PLAN	900	16 Φ @125c/c	16 Φ @125c/c	10 Φ @200c/c	10 Φ @200c/c
8	F8	AS/PLAN	900	16 Φ @150c/c	16 Φ @150c/c	10 Φ @200c/c	10 Φ @200c/c
9	F9	AS/PLAN	900	16 Φ @100c/c	16 Φ @100c/c	10 Φ @200c/c	10 Φ @200c/c
10	F10	AS/PLAN	900	16 Φ @85c/c	16 Φ @85c/c	10 Φ @200c/c	10 Φ @200c/c
11	F11	AS/PLAN	900	16 Φ @125c/c	16 Φ @125c/c	10 Φ @200c/c	10 Φ @200c/c

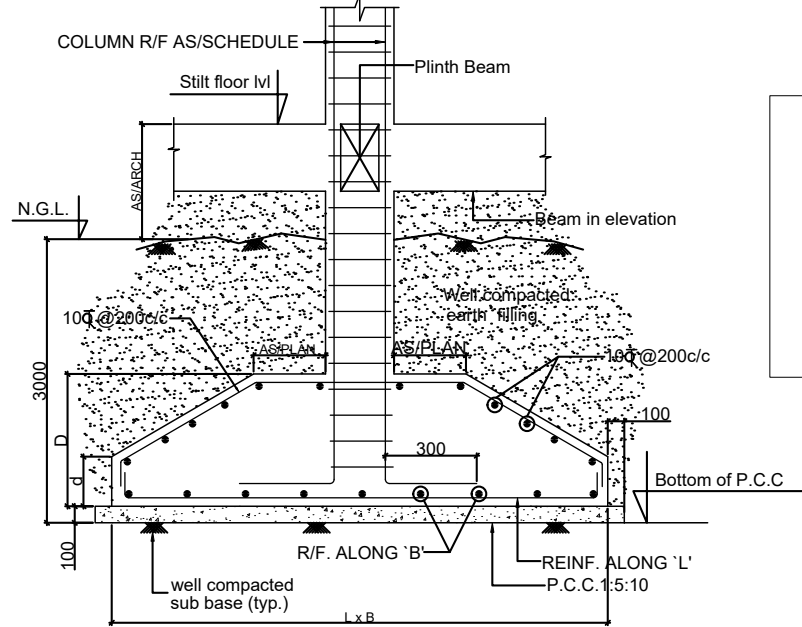
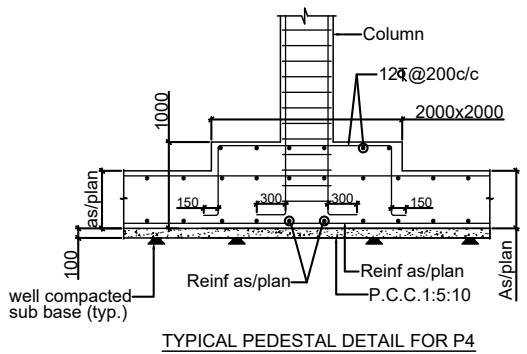
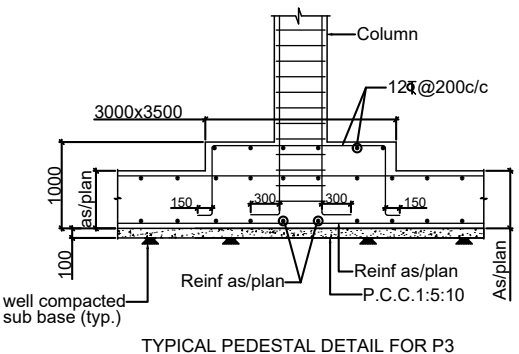
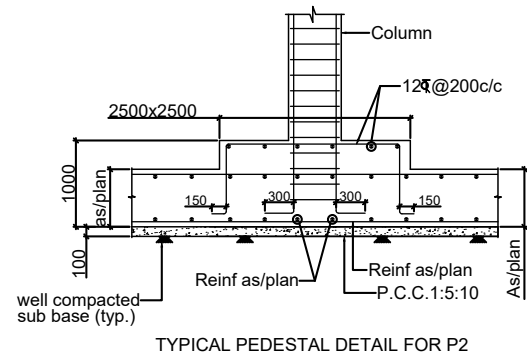
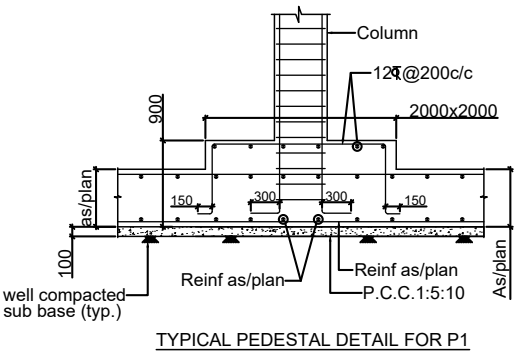


Typical Combined footing Section detail
extra reinf not shown for clarity

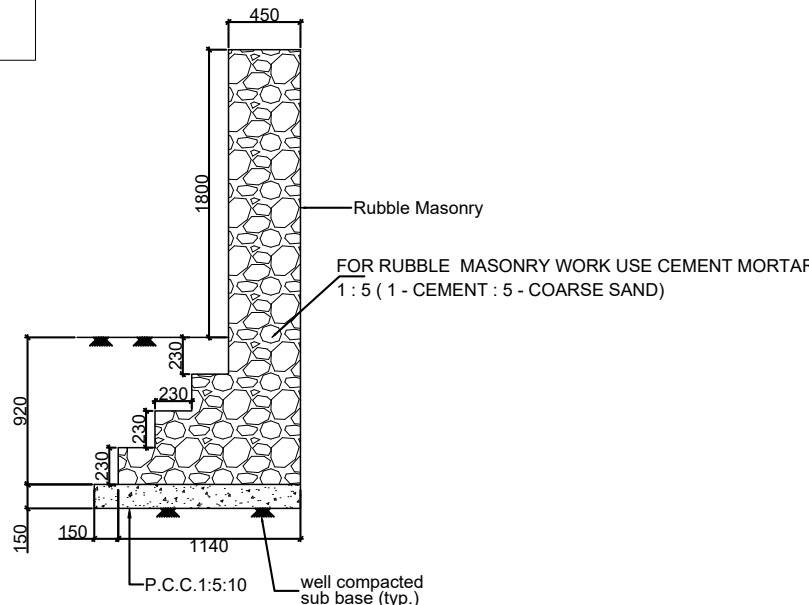
SECTION-1-1

IMPORTANT NOTE:-

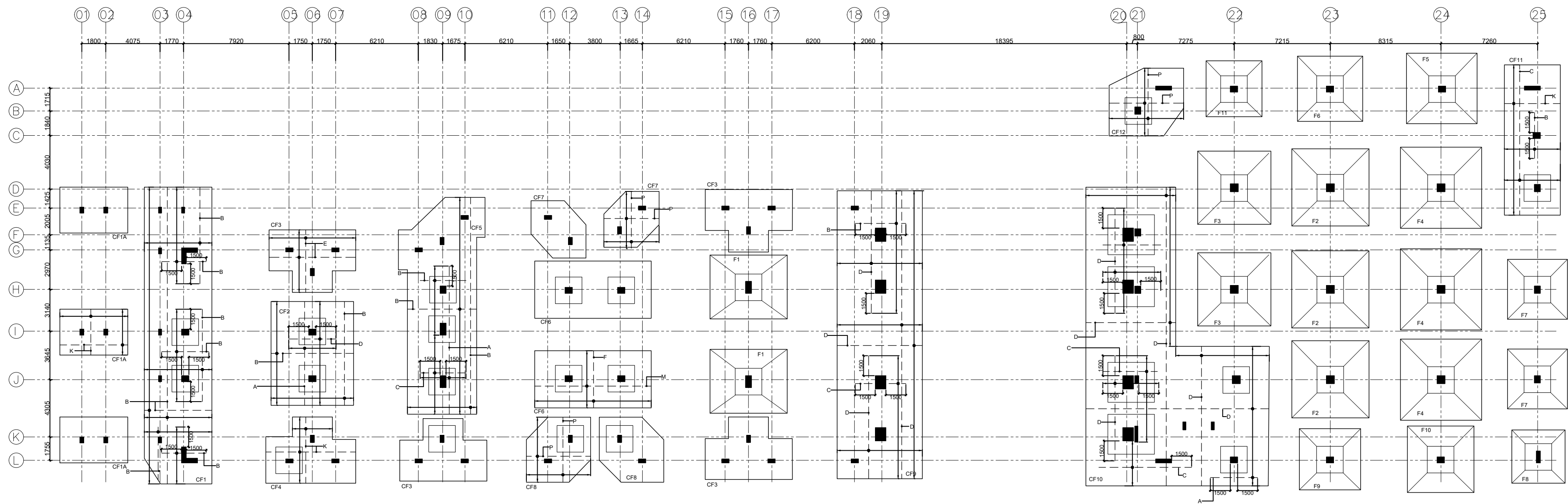
1. THE COSTRUCTION WORK SHALL BE EXECUTED UNDER
THE SUPERVISION OF CLIENT AND CONSTRUCTION AGENCY.
2. ALL NECESSARY PRECAUTIONS AND SAFTY MEASURES SHALL
BE PROVIDED BY CLIENT AND CONTRACTOR BEFORE
EXECUTION OF CONSTRUCTION WORK.



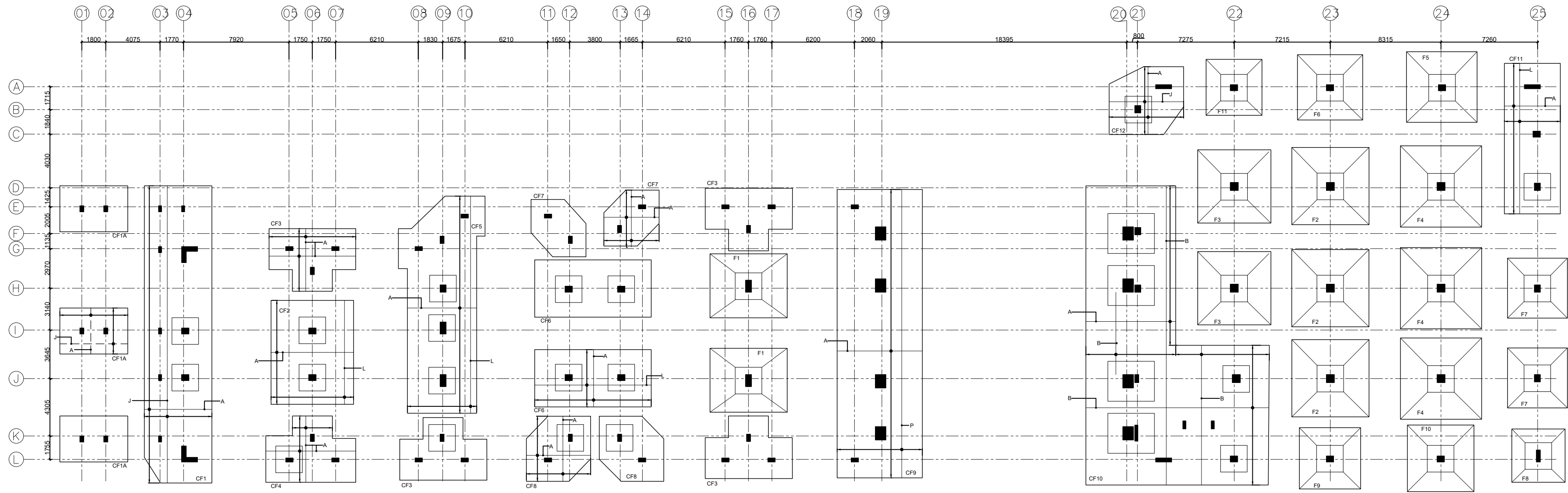
SECTION X-X



Typical Boundary wall detail



COMBINED FOOTING BOTTOM REINF



COMBINED FOOTING TOP REINF

IMPORTANT NOTE:-

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2. ALL NECESSARY PRECAUTIONS AND SAFTY MEASURES SHALL BE PROVIDED BY CLIENT AND CONTRACTOR BEFORE EXECUTION OF CONSTRUCTION WORK.

LEGEND:-
Bottom Reinf.
Top Reinf.

NOTES & REFERENCES:-

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REINF SCHEDULE

A	12mm @200c/c
B	16mm @200c/c
C	20mm @200c/c
D	25mm @200c/c
E	12mm @100c/c
F	16mm @100c/c
G	20mm @100c/c
H	25mm @100c/c
J	12mm @125c/c
K	16mm @125c/c
L	12mm @150c/c
M	20mm @125c/c
N	20mm @150c/c
P	16mm @150c/c
#	2nd layer Reinf

NO.	AMENDMENTS	BY	DATE
A0	ISSUED FOR TENDER	SC	20.11.23
A1	ISSUED FOR TENDER	SC	15.12.23

Project Title:

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STRUCTVILLA CONSULTANTS

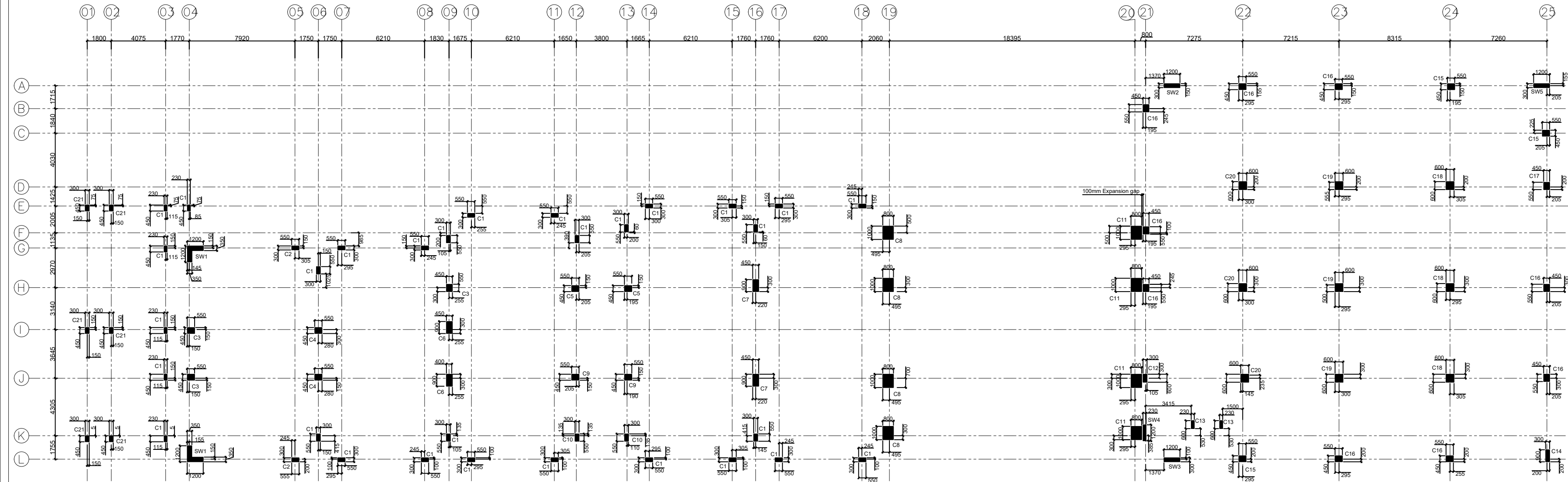
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EMAIL: piyush.structvilla@gmail.com

Branch Office:-
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DRAWING TITLE
COMBINED FOOTING TOP AND BOTTOM REINF.
(PHASE-1)

Scale	NTS	Sheet size	A2
Drawn by	AR	Checked by	ARMAN
Date	05.01.24	Approved by	PIYUSH
Drawing no.	2023-ST-201	Revision	A1



COLUMN LAYOUT AT FOUNDATION LVL

IMPORTANT NOTE:-

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NO.	AMENDMENTS	BY	DATE
A0	ISSUED FOR TENDER	SC	20.11.23
A1	ISSUED FOR TENDER	SC	15.12.23

Project Title:

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Jagadhri(HARYANA)-135003



DRAWING TITLE

COLUMN LAYOUT AT FOUNDATION LVL
(PHASE-1)

Scale	NTS	Sheet size	A2
Drawn by	AR	Checked by	ARMAN
Date	05.01.24	Approved by	PIYUSH
Drawing no.	2023-ST-300	Revision	A1

COLUMN NO.	COLUMN SIZES	SHAPE OF STIRRUPS	REINF. FROM FOUNDATION LVL. TO FIRST FLOOR LVL	REINF. FIRST FLOOR TO THIRD FLOOR LVL	REINF. THIRD FLOOR TO 4TH FLOOR LVL	REINF. 4TH FLOOR TO MUMTY ROOF LVL
C1	230X450		REINF. 12-16ϕ CONC. GRADE- M25 TIES GROUP ① 	REINF. 12-16ϕ CONC. GRADE- M25 TIES GROUP ① 	REINF. 12-16ϕ CONC. GRADE- M25 TIES GROUP ① 	
C2	300X550		REINF. 6-20ϕ(6a)+6-16ϕ CONC. GRADE- M25 TIES GROUP ① 	REINF. 6-20ϕ(6a)+6-16ϕ CONC. GRADE- M25 TIES GROUP ① 	REINF. 12-16ϕ CONC. GRADE- M25 TIES GROUP ① 	
C3	450x550		REINF. 4-25ϕ(4a)+14-20ϕ CONC. GRADE- M25 TIES GROUP ① 	REINF. 4-25ϕ(4a)+14-20ϕ CONC. GRADE- M25 TIES GROUP ① 	REINF. 18-20ϕ CONC. GRADE- M25 TIES GROUP ① 	
C4	450x550		REINF. 8-25ϕ(8a)+10-20ϕ CONC. GRADE- M25 TIES GROUP ① 	REINF. 4-25ϕ(4a)+14-20ϕ CONC. GRADE- M25 TIES GROUP ① 	REINF. 10-20ϕ(10a)+8-16ϕ CONC. GRADE- M25 TIES GROUP ① 	
C5	450x550		REINF. 18-20ϕ CONC. GRADE- M25 TIES GROUP ① 	REINF. 18-20ϕ CONC. GRADE- M25 TIES GROUP ① 	REINF. 10-20ϕ(10a)+8-16ϕ CONC. GRADE- M25 TIES GROUP ① 	
C6	450X900		REINF. 22-20ϕ CONC. GRADE- M25 TIES GROUP ① 	REINF. 10-20ϕ(10a)+12-16ϕ CONC. GRADE- M25 TIES GROUP ① 	REINF. 22-16ϕ CONC. GRADE- M25 TIES GROUP ① 	
C7	450X900		REINF. 8-20ϕ(8a)+14-16ϕ CONC. GRADE- M25 TIES GROUP ① 	REINF. 4-20ϕ(4a)+18-16ϕ CONC. GRADE- M25 TIES GROUP ① 	REINF. 22-16ϕ CONC. GRADE- M25 TIES GROUP ① 	

NOTES & REFERENCES: -

1. ALL DIMENSIONS ARE IN MM.
ALL LEVELS ARE IN MM. UNLESS NOTED
2. FOR GENERAL DETAILS REFER. DWG. NO.
2023-ST-100

TIES SCHEDULE	
GROUP ①	8ϕ@200C/C (OUTER STIRRUPS) 8ϕ@200C/C (INNER STIRRUPS)
GROUP ②	10ϕ@150C/C (OUTER STIRRUPS) 10ϕ@150C/C (INNER STIRRUPS)

NO.	AMENDMENTS	BY	DATE
A0	ISSUED FOR TENDER	SC	20.11.23
A1	ISSUED FOR TENDER	SC	15.12.23

Project Title:

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Jagadhn(HARYANA)-135003



DRAWING TITLE
COLUMN SCHEDULE-1

Scale	NTS	Sheet size	A3
Drawn by	AR	Checked by	ARMAN
Date	05.01.24	Approved by	PIYUSH
Drawing no.	2023-ST-301		Revision A1

COLUMN NO.	COLUMN SIZES	SHAPE OF STIRRUPS	REINF. FROM FOUNDATION LVL. TO FIRST FLOOR LVL	REINF. FIRST FLOOR TO THIRD FLOOR LVL	REINF. THIRD FLOOR TO 4TH FLOOR LVL	REINF. 4TH FLOOR TO MUMTY ROOF LVL
C8	800x1000		REINF. 30-25ϕ CONC. GRADE- M25 TIES GROUP ② 	REINF. 30-25ϕ CONC. GRADE- M25 TIES GROUP ② 	REINF. 30-25ϕ CONC. GRADE- M25 TIES GROUP ② 	REINF. 30-20ϕ CONC. GRADE- M25 TIES GROUP ②
C9	450x550		REINF. 18-20ϕ CONC. GRADE- M25 TIES GROUP ① 	REINF. 18-20ϕ CONC. GRADE- M25 TIES GROUP ① 	REINF. 10-20ϕ(10a)+8-16ϕ CONC. GRADE- M25 TIES GROUP ① 	REINF. 4-20ϕ(4a)+14-16ϕ CONC. GRADE- M25 TIES GROUP ①
C10	300X550		REINF. 12-16ϕ CONC. GRADE- M25 TIES GROUP ① 	REINF. 12-16ϕ CONC. GRADE- M25 TIES GROUP ① 	REINF. 12-16ϕ CONC. GRADE- M25 TIES GROUP ① 	REINF. 12-16ϕ CONC. GRADE- M25 TIES GROUP ①
C11	800X1000		REINF. 30-25ϕ CONC. GRADE- M25 TIES GROUP ② 	REINF. 30-25ϕ CONC. GRADE- M25 TIES GROUP ② 		
SW1	AS/PLAN		REINF. 20-25ϕ(20a)+18-20ϕ CONC. GRADE- M25 TIES GROUP ① 	REINF. 4-25ϕ(4a)+34-20ϕ CONC. GRADE- M25 TIES GROUP ① 	REINF. 4-25ϕ(4a)+18-20ϕ(18b) +16-16 CONC. GRADE- M25 TIES GROUP ① 	

NOTES & REFERENCES: -

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ALL LEVELS ARE IN MM UNLESS NOTED
- FOR GENERAL DETAILS REFER. DWG. NO.
2023-ST-100

TIES SCHEDULE	
GROUP ①	8ϕ@200C/C (OUTER STIRRUPS) 8ϕ@200C/C (INNER STIRRUPS)
GROUP ②	10ϕ@150C/C (OUTER STIRRUPS) 10ϕ@150C/C (INNER STIRRUPS)

NO.	AMENDMENTS	BY	DATE
A0	ISSUED FOR TENDER	SC	20.11.23
A1	ISSUED FOR TENDER	SC	15.12.23

Project Title:

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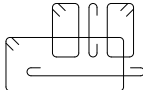
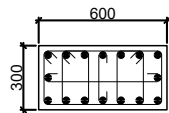
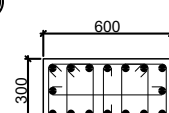
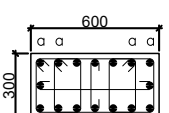
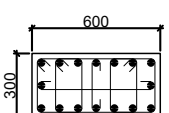
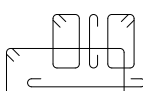
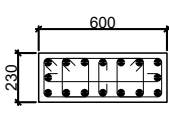
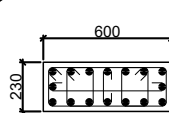
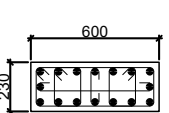
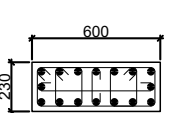
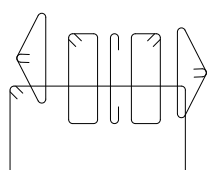
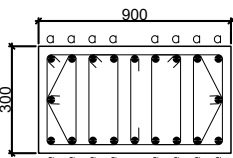
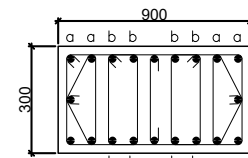
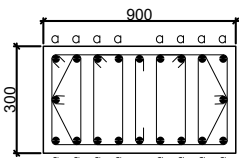
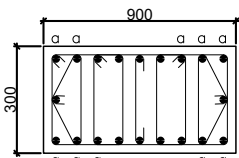
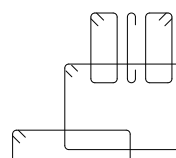
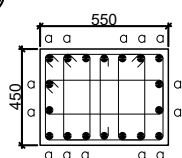
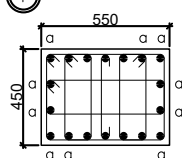
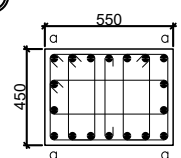
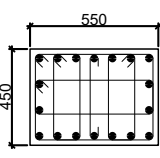
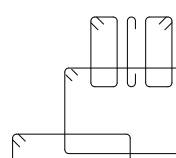
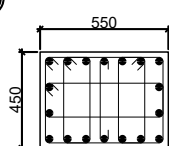
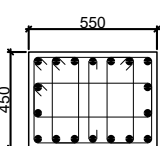
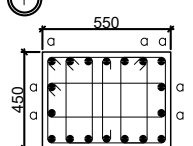
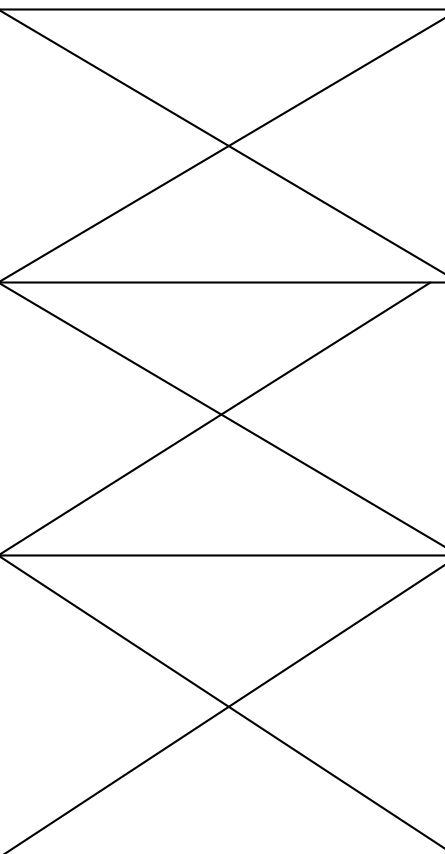
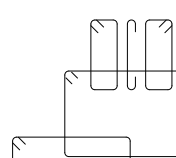
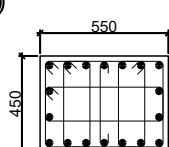
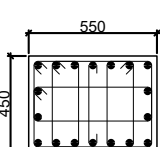
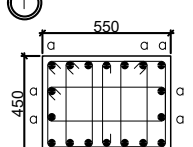
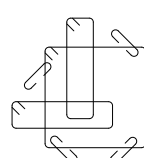
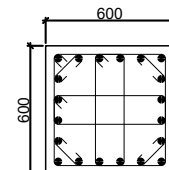
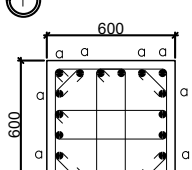
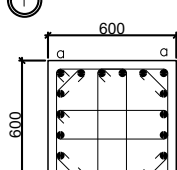
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DRAWING TITLE
COLUMN SCHEDULE-2

Scale	NTS	Sheet size	A3
Drawn by	AR	Checked by	ARMAN
Date	05.01.24	Approved by	PIYUSH
Drawing no.	2023-ST-302	Revision A1	

COLUMN NO.	COLUMN SIZES	SHAPE OF STIRRUPS	REINF. FROM FOUNDATION LVL. TO FIRST FLOOR LVL	REINF. FIRST FLOOR TO THIRD FLOOR LVL	REINF. THIRD FLOOR TO TERRACE FLOOR LVL	REINF. TERRACE FLOOR TO MUMTY ROOF LVL
C12	300X600		REINF. 16–20ϕ CONC. GRADE– M25 TIES GROUP ① 	REINF. 16–20ϕ CONC. GRADE– M25 TIES GROUP ① 	REINF. 8–20ϕ(8a)+8–16ϕ CONC. GRADE– M25 TIES GROUP ① 	REINF. 16–16ϕ CONC. GRADE– M25 TIES GROUP ① 
C13	230X600		REINF. 16–16ϕ CONC. GRADE– M25 TIES GROUP ① 	REINF. 16–16ϕ CONC. GRADE– M25 TIES GROUP ① 	REINF. 16–16ϕ CONC. GRADE– M25 TIES GROUP ① 	REINF. 16–16ϕ CONC. GRADE– M25 TIES GROUP ① 
C14	300X900		REINF. 16–25ϕ(16a)+4–16ϕ CONC. GRADE– M25 TIES GROUP ① 	REINF. 8–25ϕ(8a)+8–20ϕ(8b)+4–16ϕ CONC. GRADE– M25 TIES GROUP ① 	REINF. 16–20ϕ(16a)+4–16ϕ CONC. GRADE– M25 TIES GROUP ① 	REINF. 10–20ϕ(10a)+10–16ϕ CONC. GRADE– M25 TIES GROUP ① 
C15	450x550		REINF. 14–25ϕ(14a)+4–20ϕ CONC. GRADE– M25 TIES GROUP ① 	REINF. 10–25ϕ(10a)+8–20ϕ CONC. GRADE– M25 TIES GROUP ① 	REINF. 4–25ϕ(4a)+14–20ϕ CONC. GRADE– M25 TIES GROUP ① 	REINF. 18–20ϕ CONC. GRADE– M25 TIES GROUP ① 
C16	450x550		REINF. 18–20ϕ CONC. GRADE– M25 TIES GROUP ① 	REINF. 18–20ϕ CONC. GRADE– M25 TIES GROUP ① 	REINF. 10–20ϕ(10a)+8–16ϕ CONC. GRADE– M25 TIES GROUP ① 	
C17	450x550		REINF. 18–25ϕ CONC. GRADE– M25 TIES GROUP ① 	REINF. 18–25ϕ CONC. GRADE– M25 TIES GROUP ① 	REINF. 10–25ϕ(10a)+8–16ϕ CONC. GRADE– M25 TIES GROUP ① 	
C18	600x600		REINF. 20–25ϕ CONC. GRADE– M25 TIES GROUP ① 	REINF. 12–25ϕ(12a)+8–16ϕ CONC. GRADE– M25 TIES GROUP ① 	REINF. 4–25ϕ(4a)+16–16ϕ CONC. GRADE– M25 TIES GROUP ① 	

NOTES & REFERENCES: –

- ALL DIMENSIONS ARE IN MM.
ALL LEVELS ARE IN MM UNLESS NOTED
- FOR GENERAL DETAILS REFER. DWG. NO.
2023–ST–100

TIES SCHEDULE	
GROUP ①	8ϕ@200C/C (OUTER STIRRUPS) 8ϕ@200C/C (INNER STIRRUPS)
GROUP ②	10ϕ@150C/C (OUTER STIRRUPS) 10ϕ@150C/C (INNER STIRRUPS)

NO.	AMENDMENTS	BY	DATE
A0	ISSUED FOR TENDER	SC	20.11.23
A1	ISSUED FOR TENDER	SC	15.12.23

Project Title:

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DRAWING TITLE
COLUMN SCHEDULE–3

Scale	NTS	Sheet size	A3
Drawn by	AR	Checked by	ARMAN
Date	05.01.24	Approved by	PIYUSH
Drawing no.	2023–ST–303		Revision A1

COLUMN NO.	COLUMN SIZES	SHAPE OF STIRRUPS	REINF. FROM FOUNDATION LVL. TO FIRST FLOOR LVL	REINF. FIRST FLOOR TO THIRD FLOOR LVL	REINF. THIRD FLOOR TO TERRACE FLOOR LVL	REINF. TERRACE FLOOR TO MUMTY ROOF LVL
C19	600x600		REINF. 4-25 Φ (4a)+16-20 Φ CONC. GRADE- M25 TIES GROUP ① 	REINF. 20-20 Φ CONC. GRADE- M25 TIES GROUP ① 	REINF. 10-20 Φ (10a)+10-16 Φ CONC. GRADE- M25 TIES GROUP ① 	
C20	600x600		REINF. 20-20 Φ CONC. GRADE- M25 TIES GROUP ① 	REINF. 10-20 Φ (10a)+10-16 Φ CONC. GRADE- M25 TIES GROUP ① 	REINF. 10-20 Φ (10a)+10-16 Φ CONC. GRADE- M25 TIES GROUP ① 	
SW2	300X1200		REINF. 16-20 Φ (16a)+10-16 Φ CONC. GRADE- M25 TIES GROUP ① 	REINF. 4-20 Φ (4a)+22-16 Φ CONC. GRADE- M25 TIES GROUP ① 	REINF. 26-16 Φ CONC. GRADE- M25 TIES GROUP ① 	
SW3	300X1200		REINF. 26-20 Φ CONC. GRADE- M25 TIES GROUP ① 	REINF. 14-20 Φ (14a)+12-16 Φ CONC. GRADE- M25 TIES GROUP ① 	REINF. 8-20 Φ (8a)+18-16 Φ CONC. GRADE- M25 TIES GROUP ① 	REINF. 4-20 Φ (4a)+22-16 Φ CONC. GRADE- M25 TIES GROUP ①
SW4	230X1200		REINF. 26-20 Φ CONC. GRADE- M25 TIES GROUP ① 	REINF. 14-20 Φ (14a)+12-16 Φ CONC. GRADE- M25 TIES GROUP ① 	REINF. 8-20 Φ (8a)+18-16 Φ CONC. GRADE- M25 TIES GROUP ① 	REINF. 4-20 Φ (4a)+22-16 Φ CONC. GRADE- M25 TIES GROUP ①
SW5	300X1200		REINF. 8-20 Φ (8a)+18-16 Φ CONC. GRADE- M25 TIES GROUP ① 	REINF. 4-20 Φ (4a)+22-16 Φ CONC. GRADE- M25 TIES GROUP ① 	REINF. 26-16 Φ CONC. GRADE- M25 TIES GROUP ① 	REINF. 26-16 Φ CONC. GRADE- M25 TIES GROUP ①
C21	300X450		REINF. 4-20 Φ (4a)+8-16 Φ CONC. GRADE- M25 TIES GROUP ① 	REINF. 4-20 Φ (4a)+8-16 Φ CONC. GRADE- M25 TIES GROUP ① 	REINF. 4-20 Φ (4a)+8-16 Φ CONC. GRADE- M25 TIES GROUP ① 	REINF. 4-20 Φ (4a)+8-16 Φ CONC. GRADE- M25 TIES GROUP ①

NOTES & REFERENCES: -

1. ALL DIMENSIONS ARE IN MM.
ALL LEVELS ARE IN MM. UNLESS NOTED
2. FOR GENERAL DETAILS REFER. DWG. NO.
2023-ST-100

TIES SCHEDULE	
GROUP ①	8 Φ @200C/C (OUTER STIRRUPS) 8 Φ @200C/C (INNER STIRRUPS)
GROUP ②	10 Φ @150C/C (OUTER STIRRUPS) 10 Φ @150C/C (INNER STIRRUPS)

NO.	AMENDMENTS	BY	DATE
A0	ISSUED FOR TENDER	SC	20.11.23
A1	ISSUED FOR TENDER	SC	15.12.23

Project Title:

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DRAWING TITLE

COLUMN SCHEDULE-4

Scale	NTS	Sheet size	A3
Drawn by	AR	Checked by	ARMAN
Date	05.01.24	Approved by	PIYUSH
Drawing no.	2023-ST-304		Revision A1

NOTES & REFERENCES: -

- ALL DIMENSIONS ARE IN MM.
ALL LEVELS ARE IN MM UNLESS NOTED
- FOR GENERAL DETAILS REFER. DWG. NO.
2023-ST-100

NO.	AMENDMENTS	BY	DATE
A0	ISSUED FOR TENDER	SC	20.11.23
A1	ISSUED FOR TENDER	SC	15.12.23

Project Title:

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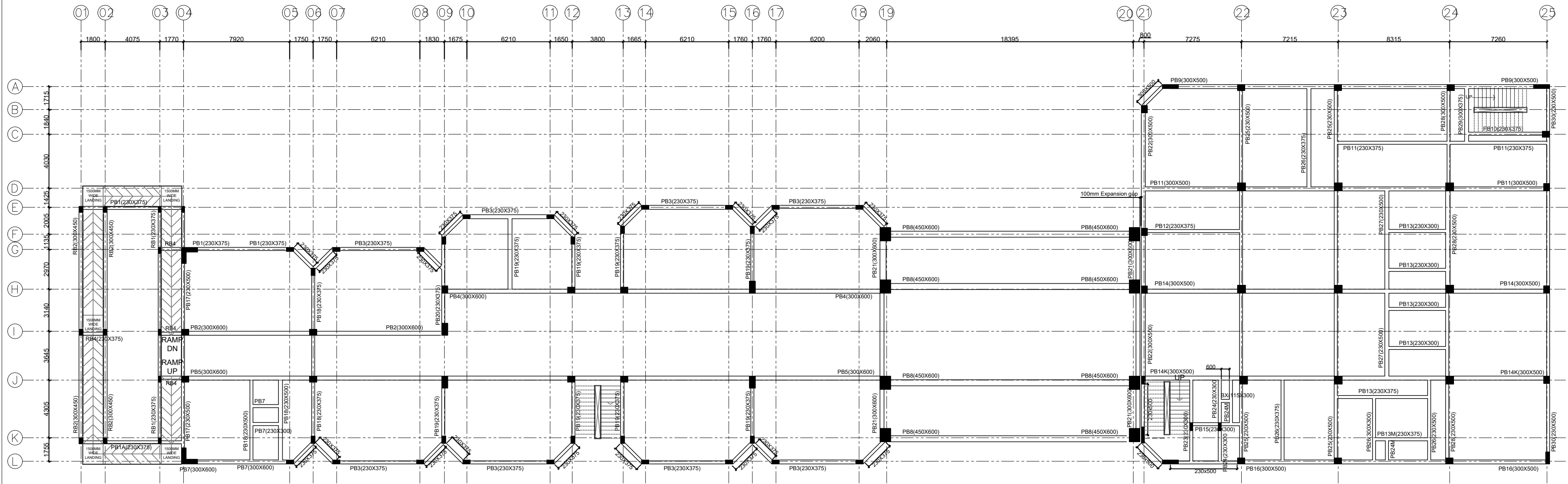
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EMAIL: piyush.structvilla@gmail.com
Branch Office:
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Jagadhri(HARYANA)-136003

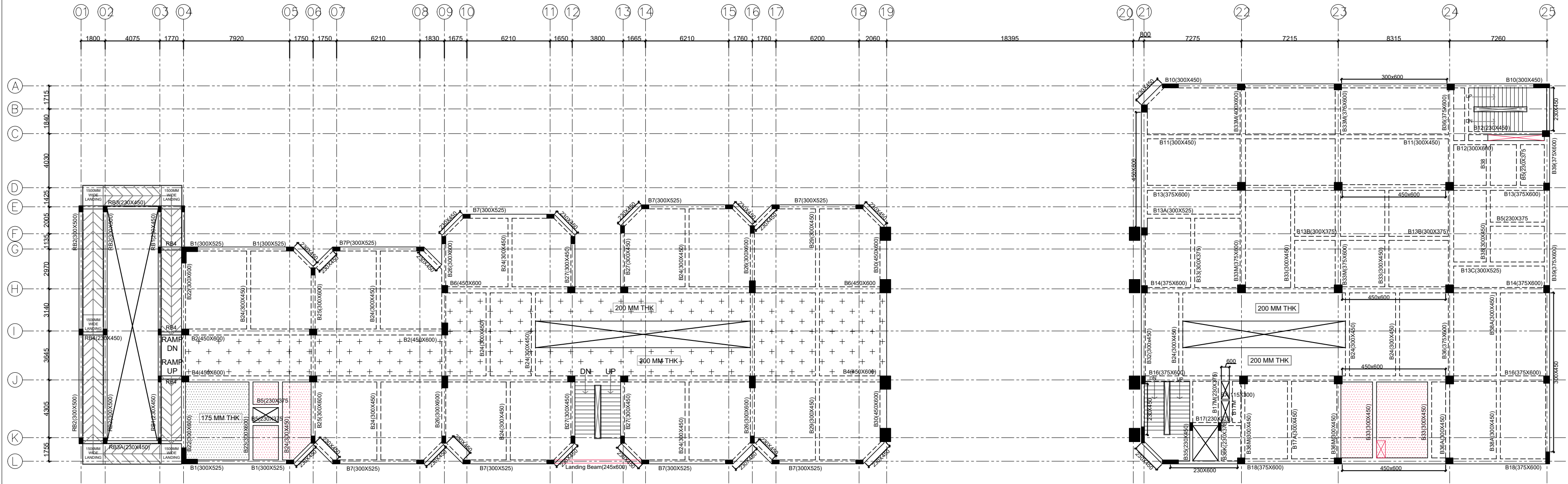


DRAWING TITLE
FRAMING PLAN AT GROUND & 1ST FLOOR LVL
(PHASE-1)

Scale	NTS	Sheet size	A2
Drawn by	AR	Checked by	ARMAN
Date	05.01.24	Approved by	PIYUSH
Drawing no.	2023-ST-400	Revision	A1



FRAMING PLAN AT GROUND FLOOR LVL



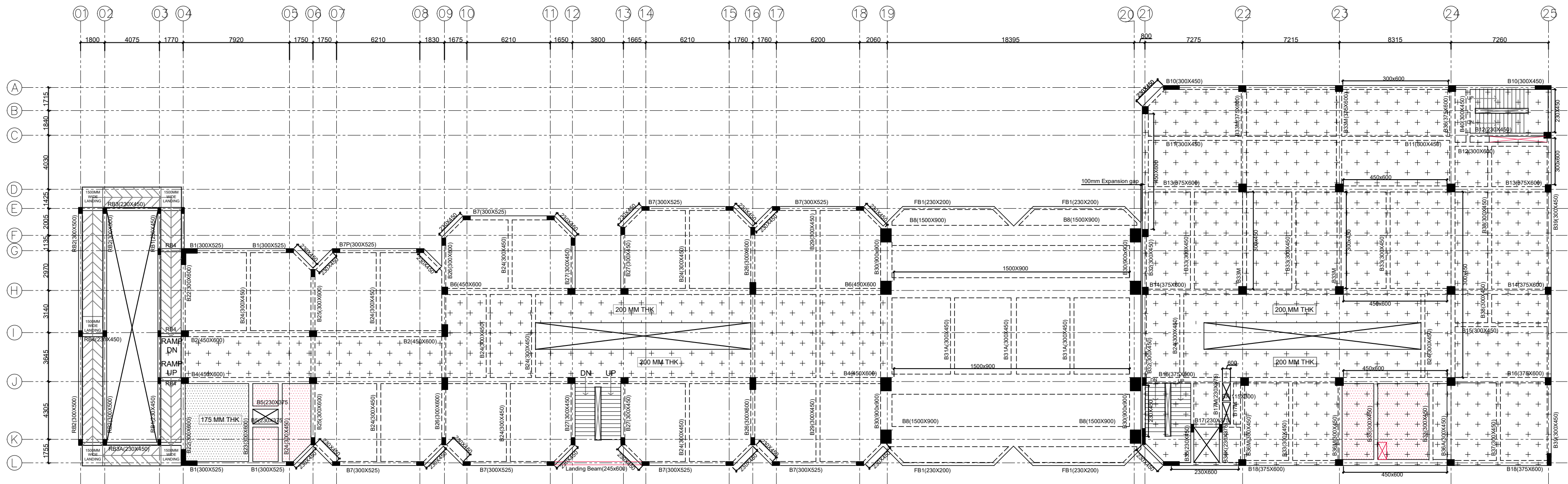
FRAMING PLAN AT 1ST FLOOR LVL
ALL SLAB 150 MM THK U.N.O.

LEGEND:-

300MM SLAB SUNK

CONVENTIONAL SLAB

ALL STAIRCASE AND RAMP
TO BE CONVENTIONAL SLAB



FRAMING PLAN AT TERRACE FLOOR LVL
ALL SLAB 150 MM THK U.N.O.

LEGEND:-

300MM SLAB SUNK

CONVENTIONAL SLAB

ALL STAIRCASE AND RAMP
TO BE CONVENTIONAL SLAB

NOTES & REFERENCES:-

- ALL DIMENSIONS ARE IN MM.
ALL LEVELS ARE IN MM UNLESS NOTED
- FOR GENERAL DETAILS REFER. DWG. NO.
2023-ST-100

NO.	AMENDMENTS	BY	DATE
A0	ISSUED FOR TENDER	SC	20.11.23
A1	ISSUED FOR TENDER	SC	15.12.23

Project Title:

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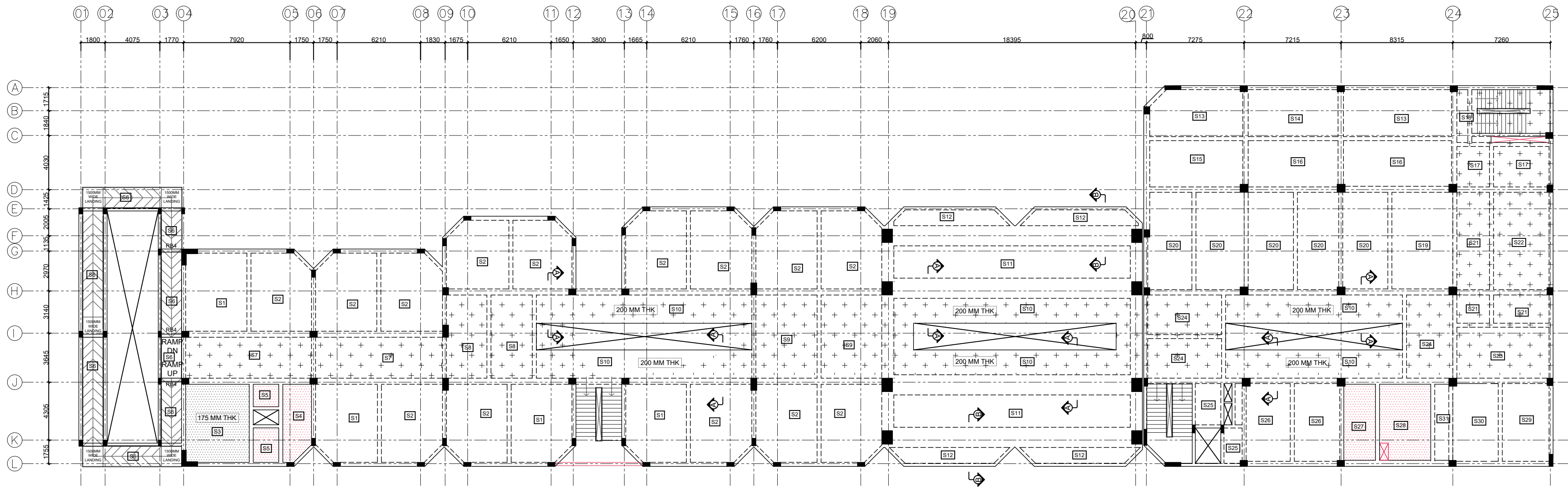
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EMAIL: piyush.structvilla@gmail.com
Branch Office:-
Booth No.55/B, Huda Sector-18 Market-II,
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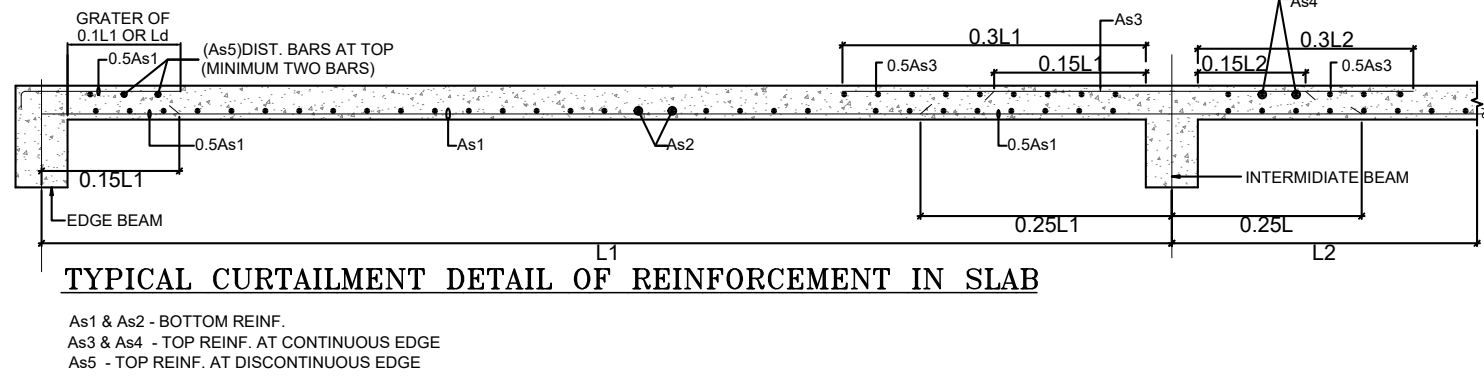
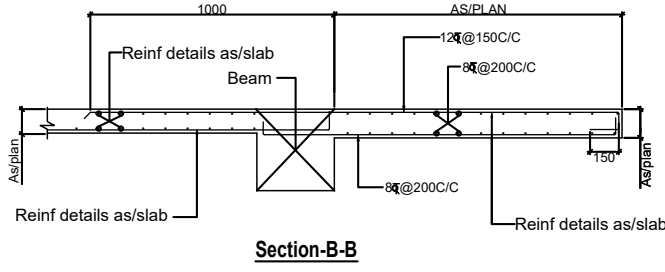
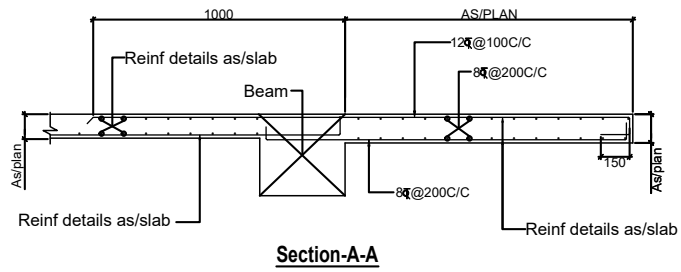
DRAWING TITLE

FRAMING PLAN AT TERRACE FLOOR
(PHASE-1)

Scale	NTS	Sheet size	A2
Drawn by	AR	Checked by	ARMAN
Date	05.01.24	Approved by	PIYUSH
Drawing no.	2023-ST-401	Revision	A1



SLAB REINF AT TYPICAL FLOOR LVL
ALL SLAB 150 MM THK U.N.O.

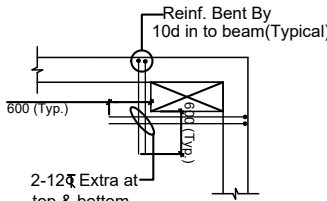


SLAB REINF SCHEDULE AT TYPICAL FLOOR LVL

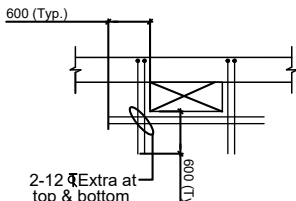
SLAB NO.	BOTTOM REINFORCEMENT		TOP REINFORCEMENT	
	SPAN(As1/As2)	SUPPORT(As3/As4)	SHORTER SPAN	LONGER SPAN
S1	10# @ 150C/C	10# @ 200C/C	10# @ 150C/C	10# @ 175C/C
S2	10# @ 150C/C	10# @ 200C/C	10# @ 150C/C	10# @ 175C/C
S3	10# @ 150C/C	10# @ 175C/C	8# @ 200C/C	8# @ 200C/C
S4	8# @ 200C/C	8# @ 200C/C	8# @ 200C/C	8# @ 200C/C
S5	8# @ 200C/C	8# @ 200C/C	8# @ 200C/C	8# @ 200C/C
S6	10# @ 150C/C	10# @ 150C/C	10# @ 150C/C	10# @ 150C/C
S7	8# @ 100C/C	8# @ 200C/C	8# @ 100C/C	8# @ 200C/C
S8	8# @ 100C/C	8# @ 200C/C	8# @ 100C/C	8# @ 175C/C
S9	10# @ 150C/C	10# @ 200C/C	10# @ 150C/C	10# @ 175C/C
S10	AS SECTION-A-A	AS SECTION-A-A	AS SECTION-A-A	AS SECTION-A-A
S11	8# @ 200C/C	8# @ 200C/C	8# @ 200C/C	8# @ 200C/C
S12	AS SECTION-A-A	AS SECTION-A-A	AS SECTION-A-A	AS SECTION-A-A
S13	10# @ 150C/C	10# @ 175C/C	10# @ 150C/C	10# @ 175C/C
S14	10# @ 150C/C	10# @ 175C/C	10# @ 150C/C	10# @ 175C/C
S15	10# @ 150C/C	10# @ 175C/C	10# @ 150C/C	10# @ 175C/C
S16	10# @ 150C/C	10# @ 175C/C	10# @ 150C/C	10# @ 175C/C
S17	8# @ 200C/C	8# @ 200C/C	8# @ 200C/C	8# @ 200C/C
S18	8# @ 200C/C	8# @ 200C/C	8# @ 200C/C	8# @ 200C/C
S19	10# @ 150C/C	10# @ 175C/C	10# @ 150C/C	10# @ 200C/C
S20	10# @ 150C/C	8# @ 200C/C	10# @ 150C/C	8# @ 200C/C
S21	8# @ 150C/C	8# @ 200C/C	8# @ 150C/C	8# @ 200C/C
S22	10# @ 150C/C	10# @ 175C/C	10# @ 150C/C	10# @ 200C/C
S23	10# @ 150C/C	10# @ 175C/C	10# @ 150C/C	10# @ 200C/C
S24	10# @ 150C/C	10# @ 175C/C	10# @ 150C/C	10# @ 200C/C
S25	8# @ 200C/C	8# @ 200C/C	8# @ 200C/C	8# @ 200C/C
S26	10# @ 150C/C	8# @ 200C/C	10# @ 150C/C	8# @ 200C/C

SLAB REINF SCHEDULE AT TYPICAL FLOOR LVL

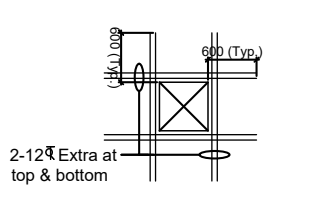
SLAB NO.	BOTTOM REINFORCEMENT		TOP REINFORCEMENT	
	SPAN(As1/As2)	SUPPORT(As3/As4)	SHORTER SPAN	LONGER SPAN
S27	8# @ 150C/C	8# @ 200C/C	8# @ 150C/C	8# @ 200C/C
S28	10# @ 150C/C	10# @ 175C/C	8# @ 200C/C	8# @ 200C/C
S29	10# @ 150C/C	10# @ 175C/C	10# @ 150C/C	10# @ 175C/C
S30	10# @ 150C/C	10# @ 175C/C	10# @ 150C/C	10# @ 175C/C
S31	8# @ 200C/C	8# @ 200C/C	8# @ 200C/C	8# @ 200C/C



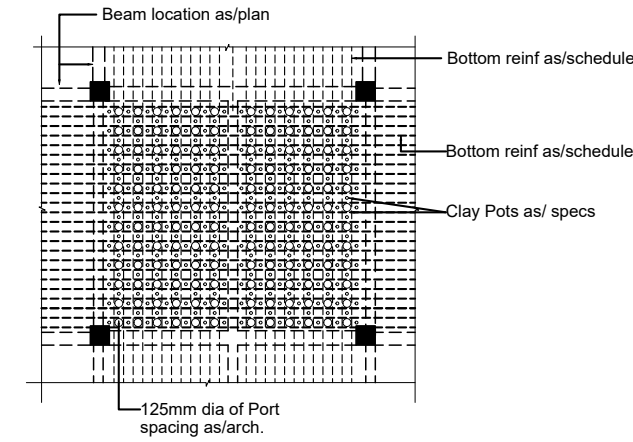
Extra R/F around cutout in slab
Case-1



Extra R/F around cutout in slab
Case-2



Extra R/F around cutout in slab
Case-3



TYPICAL FILLER SLAB DETAIL FOR PORT
TOP REINF NOT SHOWN FOR CLARITY

NOTE: THIS IS TYPICAL SLAB DETAIL

NOTES & REFERENCES:-

- ALL DIMENSIONS ARE IN MM.
- ALL LEVELS ARE IN MM UNLESS NOTED
- FOR GENERAL DETAILS REFER. DWG. NO. 2023-ST-100
- WHEREVER NOT SHOWN, DISTRIBUTION R/F SHALL BE 8# @ 250 C/C AT TOP/BOTTOM

LEGEND:-

- 300MM SLAB SUNK
- CONVENTIONAL SLAB
- ALL STAIRCASE AND RAMP TO BE CONVENTIONAL SLAB

NO.	AMENDMENTS	BY	DATE
A0	ISSUED FOR TENDER	SC	20.11.23
A1	ISSUED FOR TENDER	SC	15.12.23
A2	TYPICAL FILLER SLAB ADDED	SC	04.01.24

Project Title:

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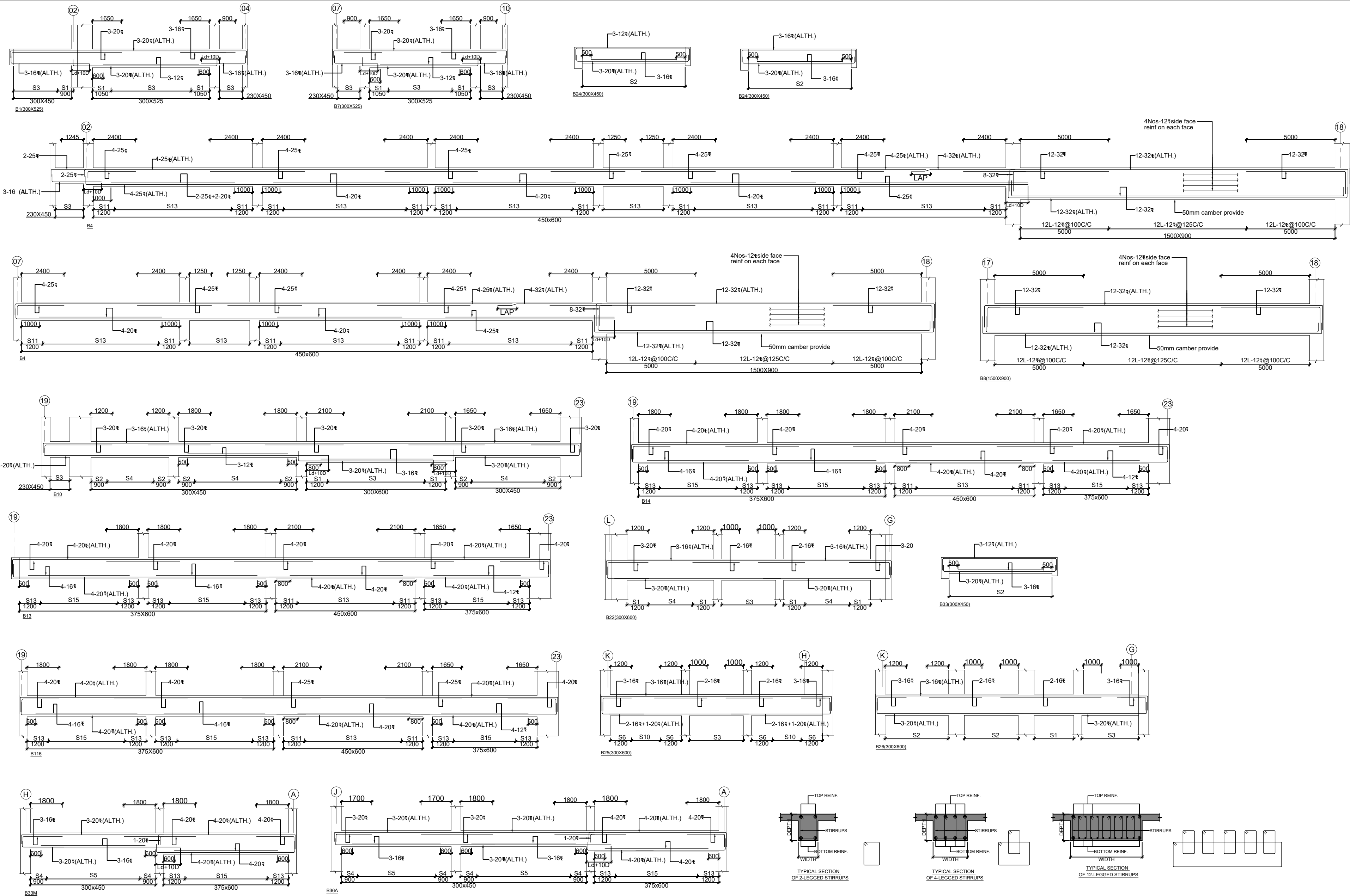
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DRAWING TITLE

SLAB REINF AT TYPICAL FLOOR LVL
(PHASE-1)

Scale	NTS	Sheet size	A0
Drawn by	AR	Checked by	ARMAN
Date	05.01.24	Approved by	PIYUSH
Drawing no.	2023-ST-401A	Revision	A2



NOTES & REFERENCES:-

- ALL DIMENSIONS ARE IN MM.
- ALL LEVELS ARE IN MM UNLESS NOTED
- FOR GENERAL DETAILS REFER. DWG. NO. 2023-ST-100

STIRRUPS SCHEDULE

S1	2L-8 Φ @100C/C
S2	2L-8 Φ @125C/C
S3	2L-8 Φ @150C/C
S4	2L-8 Φ @175C/C
S5	2L-8 Φ @200C/C
S7	2L-10 Φ @125C/C
S8	2L-10 Φ @150C/C
S9	2L-10 Φ @175C/C
S10	2L-10 Φ @200C/C
S11	4L-8 Φ @100C/C
S12	4L-8 Φ @125C/C
S13	4L-8 Φ @150C/C
S14	4L-8 Φ @175C/C
S15	4L-8 Φ @200C/C
S16	4L-10 Φ @100C/C
S17	4L-10 Φ @125C/C
S18	4L-10 Φ @150C/C
S19	4L-10 Φ @175C/C
S20	4L-10 Φ @200C/C

Project Title:

VIMUKTI SANSTHA SCHOOL
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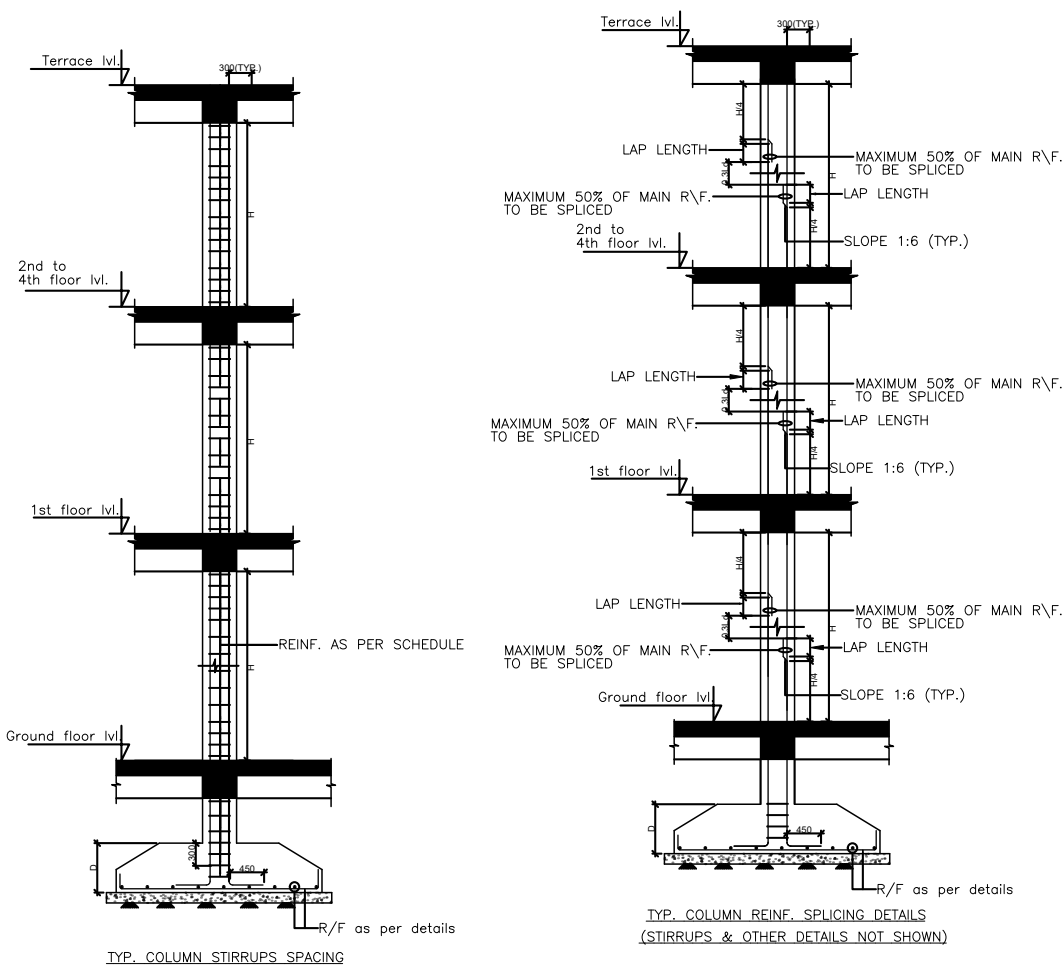
Branch Office:-
Booth No. 55-B, Huda Sector-18 Market-II,
Jagadhri(HARYANA)-130003



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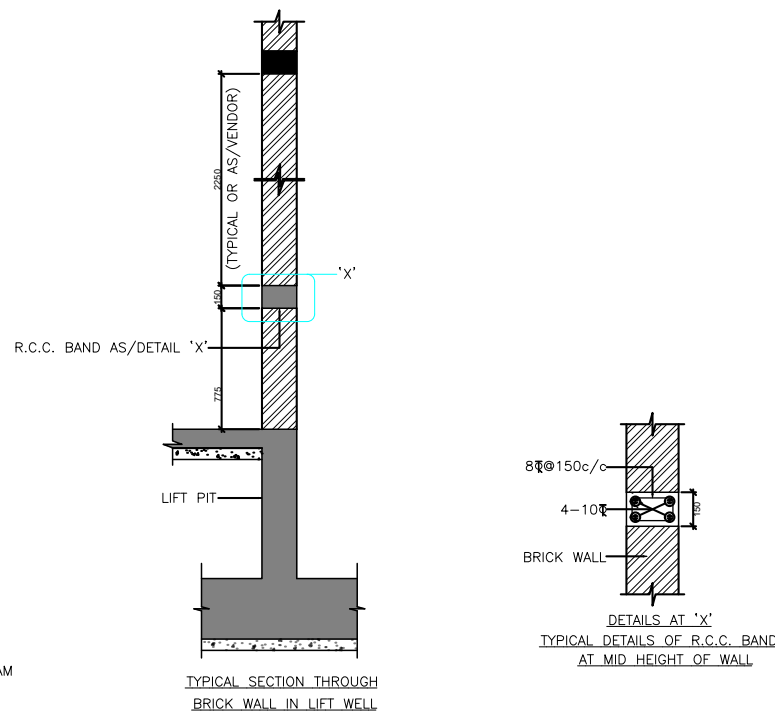
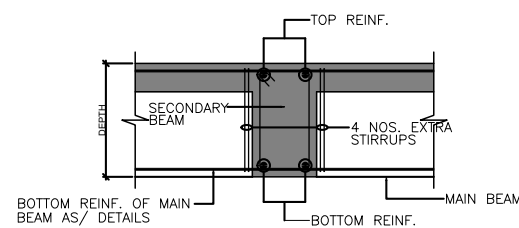
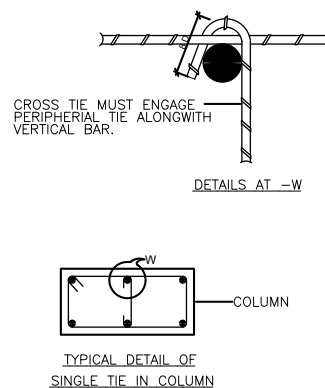
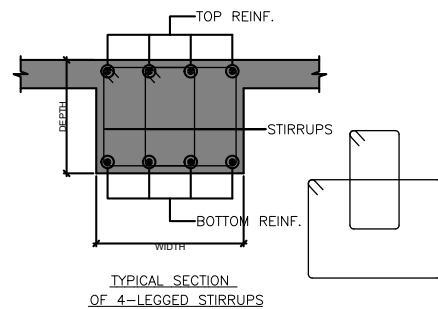
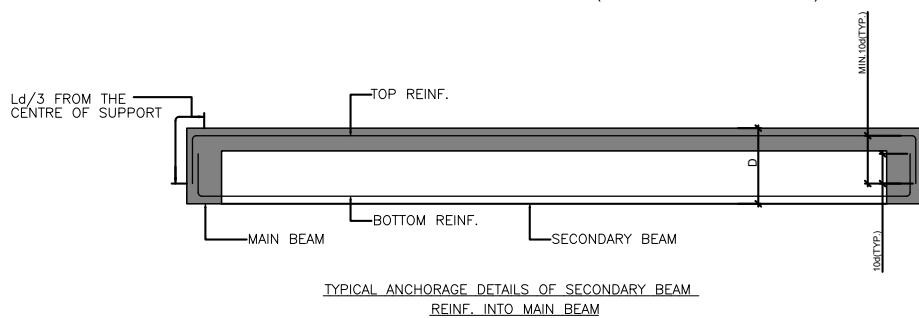
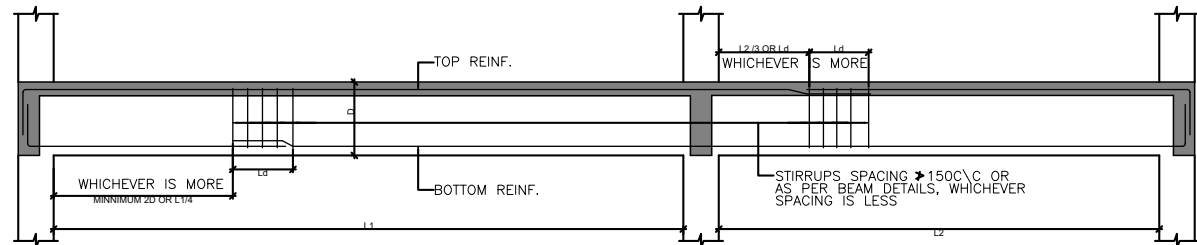
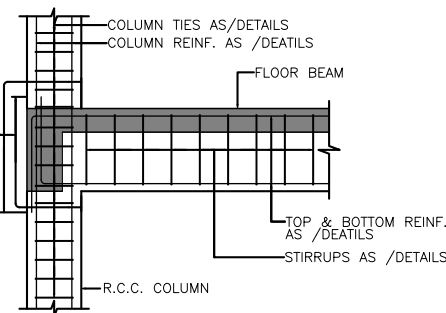
BEAM DETAIL AT TYPICAL FLOOR LVL
(PHASE-1)

Scale	NTS	Sheet size	A2
Drawn by	AR	Checked by	ARMAN
Date	05.01.24	Approved by	PIYUSH
Drawing no.	2023-ST-500	Revision	A1



ABBREVIATIONS	
T.O.C.	TOP OF CONCRETE
T.O.S.	TOP OF SLAB
B.O.B.	BOTTOM OF BEAM
T.O.B.	TOP OF BEAM
CF	COMBINED FOOTING
Ld	DEVELOPMENT LENGTH
CL	CENTER LINE

Ld +10D AS PER COLUMN MIX
REFER TABLE NO. 1 ABOVE



IMPORTANT NOTES

- * ALL COLUMNS/BEAM STIRRUPS SHALL HAVE 135° HOOK WHICH MAY BE PROVIDED BY FIRST PROVIDING 90° BEND IN STIRRUPS TO FACILITATE BENDING ALL THE REINFORCEMENT AND THEN ALL THE HOOKS CAN BE BENT TO 135° IN-PLACE JUST BEFORE CONCRETING.
- * STIRRUP SPACING SAME AS IN ZONE A' SHALL BE CONTINUED IN BEAM COLUMN JUNCTION. THIS MAY BE DONE AS FOLLOWS:
- * PROVIDE ALL THE STIRRUPS IN THE JUNCTION AS LOOSE WHILE TYING BEAM. FOLLOWING SEQUENCE MAY BE ADOPTED
 - PROVIDE BEAM BOTTOM BARS THROUGH LOOSE BEAM STIRRUPS.
 - PROVIDE LOOSE COLUMN STIRRUPS.
 - PROVIDE BEAM TOP BARS.
 - TIE BEAM REINFORCEMENT.
 - LOWER TIED BEAM R/F ALONG WITH LOOSE COLUMN STIRRUPS.
- * LOOSE COLUMN STIRRUPS PROVIDED THUS MAY BE TIED ONE BY ONE AT DESIRED POSITION
- * READY MIX CONCRETE IF USED SHALL NOT HAVE FLY ASH CONTENT MORE THAN 15% IF 'OPC' (ORDINARY PORTLAND CEMENT) IS USED. HOWEVER, WITH 'PPC' NO FLY ASH SHALL BE USED.
- * INITIAL SETTING TIME OF READY MIX CONCRETE SHALL NOT BE DELAYED BEYOND 4 HRS.
- * ALL STARTERS FOR COLUMNS SHALL BE CAST IN CONCRETE ADMIXED WITH 'SIKATOP 77' AS PER MANUFACTURERS SPEC. AND SHALL HAVE 10MM AND DOWN SIZE AGGREGATE
- * A KEY SHALL BE FORMED AT TOP WHILE CASTING STARTER.
- * PROVIDE EPOXY BOND COAT FOR BOND BETWEEN OLD & NEW CONCRETE AFTER THOROUGHLY CLEANING DE-GREASING & ROUGHENING THE EXISTING CONC. SURFACE (FOR EXAMPLE AT LOWER COLUMN-STARTER-UPPER COLUMN JUNCTION & ALL OTHER COLD CONSTRUCTION JOINT)
- * ALL CONSTRUCTION JOINTS SHALL BE VERTICAL WITH A SHEAR KEY.
- * FOR MASONARY WORK OF 230 thk. WALLS USE CEMENT MORTAR 1 : 6 (1 - CEMENT : 6 - COARSE SAND) & FOR 115 thk WALLS USE CEMENT MORTAR 1 : 4 (1- CEMENT : 4 -COARSE SAND)

GENERAL:

- GRADE OF CONCRETE
 - FOUNDATION -M30
 - BEAM -M25
 - SLAB -M25
- REINFORCEMENT STEEL BAR SHALL BE HYSD STEEL OF GRADE Fe 550D
- CLEAR COVER SHALL BE FOLLOWS-
 - FOUNDATION -50
 - COLUMNS/SHEAR WALL -40
 - BEAM -25
 - SLAB -25
- NET BEARING CAPACITY AT FOUNDATION LVL IS CONSIDER AS 15 T/M²
- FOUNDATION SHALL NOT REST ON LOOSE SOIL IF ANY LOOSE SOIL IS FOUND BELOW FOUNDATION LEVEL, IT SHALL BE REPLACED BY PCC GRADE 1:5:10
- FOUNDATION SHALL REST ON FIRM HIGHLY WEATHERED ROCK BOULDER FORMATION (HWRP) ONLY. EXCAVATION SHOULD BE DONE A MINIMUM 200mm FURTHER BELOW THE LEVEL OF STRATA OF HWRP.
- DO NOT PROVIDE MORE THAN 50% LAPPING AT ANY SECTION, AND AVOID LAPS AT LOCATIONS OF MAXIMUM BENDING MOMENTS, LAP LENGTH/DEVELOPMENT LENGTH SHALL BE AS FOLLOWS:49xBAR DIA FOR M25 CONCRETE; 45xBAR DIA FOR M30 CONCRETE; 39xBAR DIA FOR M40.
- ALL LAYOUT DIMENSIONS TO MATCH ARCH. DRGS AND ALL MEMBER SIZES AND REINF. TO MATCH STRUCTURAL DRGS.
- L IS THE LONGER DIMENSION B IS THE SHORTER DIMENSION
- ALL FOOTINGS SHALL BE PLACED CONCENTRICALLY W.R.T COLUMN AND SHALL HAVE SAME ORIENTATION AS COLUMN UNLESS SHOWN OTHERWISE.

LINTEL SCHEDULE						
S. NO.	SPAN (m)	SIZE FOR		TOP R/F	BOTT. R/F	TIES
		115 Thk. Wall	230 Thk. Wall			
1	UP TO 1	115 x150	230 x 150	2-10	2-10	2L-7@150c/c
2	1 TO 1.5	115 x 230	230X230	2-10	2-12	2L-7@150c/c
3	1 TO 2	115 x 300	230X300	2-12	2-12	2L-7@150c/c
4	2 TO 2.5	---	230X300	2-12	2-12+1-10	2L-7@150c/c
5	2.5 TO 3	---	230X300	2-12	3-12	2L-7@150c/c
6	3 TO3.5	---	230X300	2-12	2-16	2L-7@150c/c
7	3.5 TO 4	---	230X300	2-12	2-16	2L-7@150c/c
8	4 TO 4.5	---	230X300	3-12	2-16+1-12	2L-7@150c/c
9	4.5 TO 5	---	230X300	3-12	3-16	2L-7@150c/c

Development Length for Fe-550						Development Length for Fe-415					
TABLE NO. 1						TABLE NO. 2					
(Ld) = LAP LENGTH (D) = DIA OF BAR						(Ld) = LAP LENGTH (D) = DIA OF BAR					
	36D	40D	46D	49D	57D		30D	34D	38D	41D	47D
DIA	M40	M35	M30	M25	M20	DIA	M40	M35	M30	M25	M20
32	1152	1280	1472	1568	1824	32	1088	1152	1216	1312	1504
28	1008	1120	1288	1372	1596	28	952	1008	1064	1148	1316
25	900	1000	1150	1225	1425	25	850	900	950	1025	1175
20	720	800	920	980	1140	20	680	720	760	820	940
16	576	640	736	784	912	16	544	576	608	656	752
12	432	480	552	588	684	12	408	432	456	492	564
10	360	400	460	490	570	10	340	360	380	410	470
8	288	320	368	392	456	8	272	288	304	328	376
7	252	280	322	343	399	7	238	252	266	287	329

NOTES & REFERENCES:-

- ALL DIMENSIONS ARE IN MM

NO.	AMENDMENTS	BY	DATE
A0	ISSUED FOR TENDER	SC	20.11.23
A1	ISSUED FOR TENDER	SC	15.12.23

Project Title:

VIMUKTI SANSTHA SCHOOL
JAIPUR

ARCHITECT



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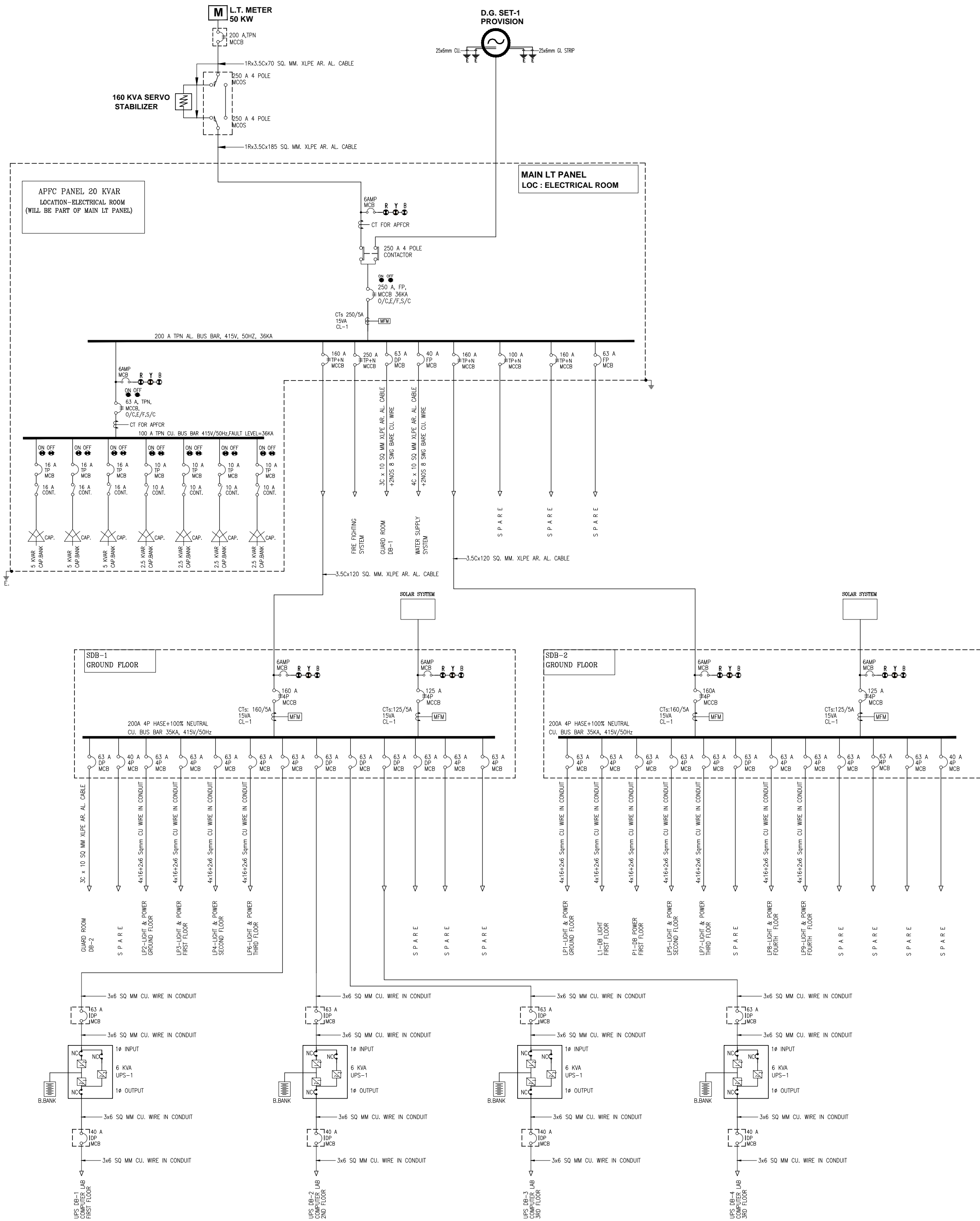


DRAWING TITLE

GENERAL DETAIL

Scale	NTS	Sheet size	A3
Drawn by	AR	Checked by	ARMAN
Date	05.01.24	Approved by	PIYUSH
Drawing no.	2023-ST-600	Revision	A1

ELECTRICAL DRAWINGS



SYMBOL	DESCRIPTION
	MOULDED CASE CIRCUIT BREAKER
	MINIATURE CIRCUIT BREAKER
	RESTRICTED EARTH FAULT PROTECTION
	REVERSE POWER RELAY
APFCR	AUTOMATIC POWER FECTOR CONTROL
	INDICATING LAMP (LED TYPE)
	PUSH BUTTON (START/STOP/RESET)
	CURRENT TRANSFORMER
	POTENTIAL TRANSFORMER
	MULTI FUNCTIONAL METER (AMMETER,VOLT METER,FREQUENCY METER, KW METER,KVAH METER,KWH METER& POWER FACTOR METER)
	FREQUENCY METER
	OVER VOLTAGE RELAY
	UNDER VOLTAGE RELAY

Electrical Consultant

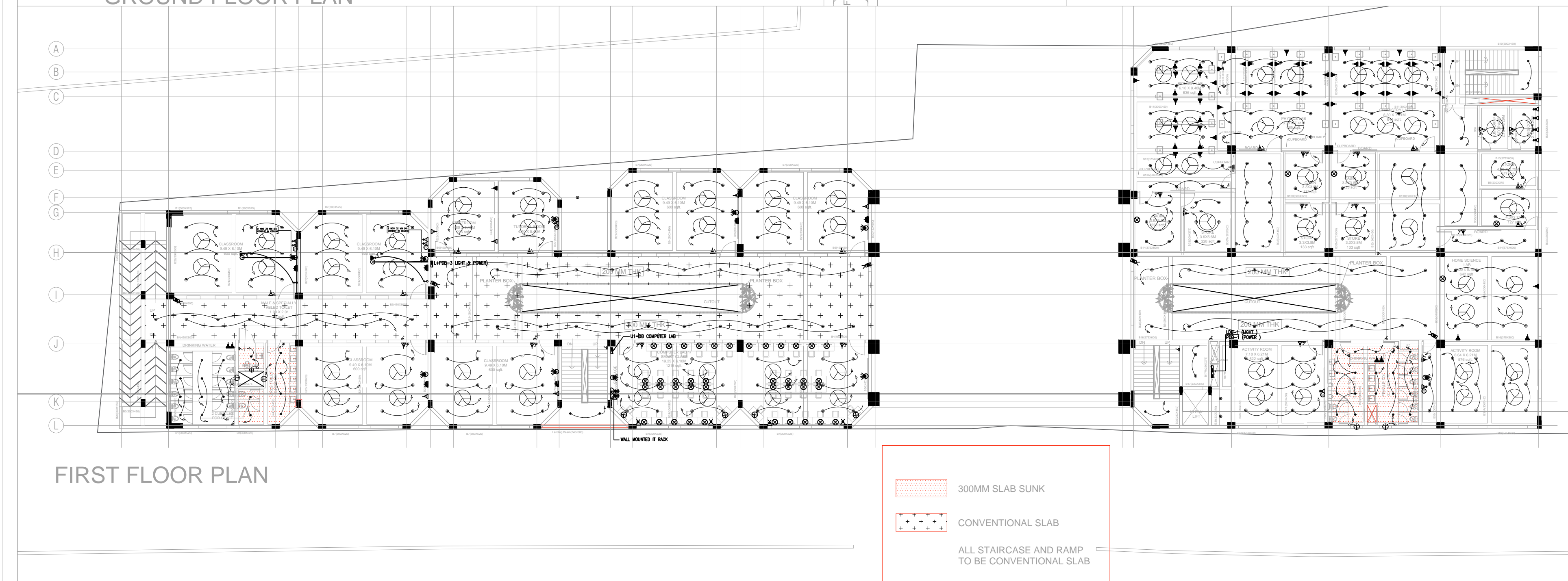
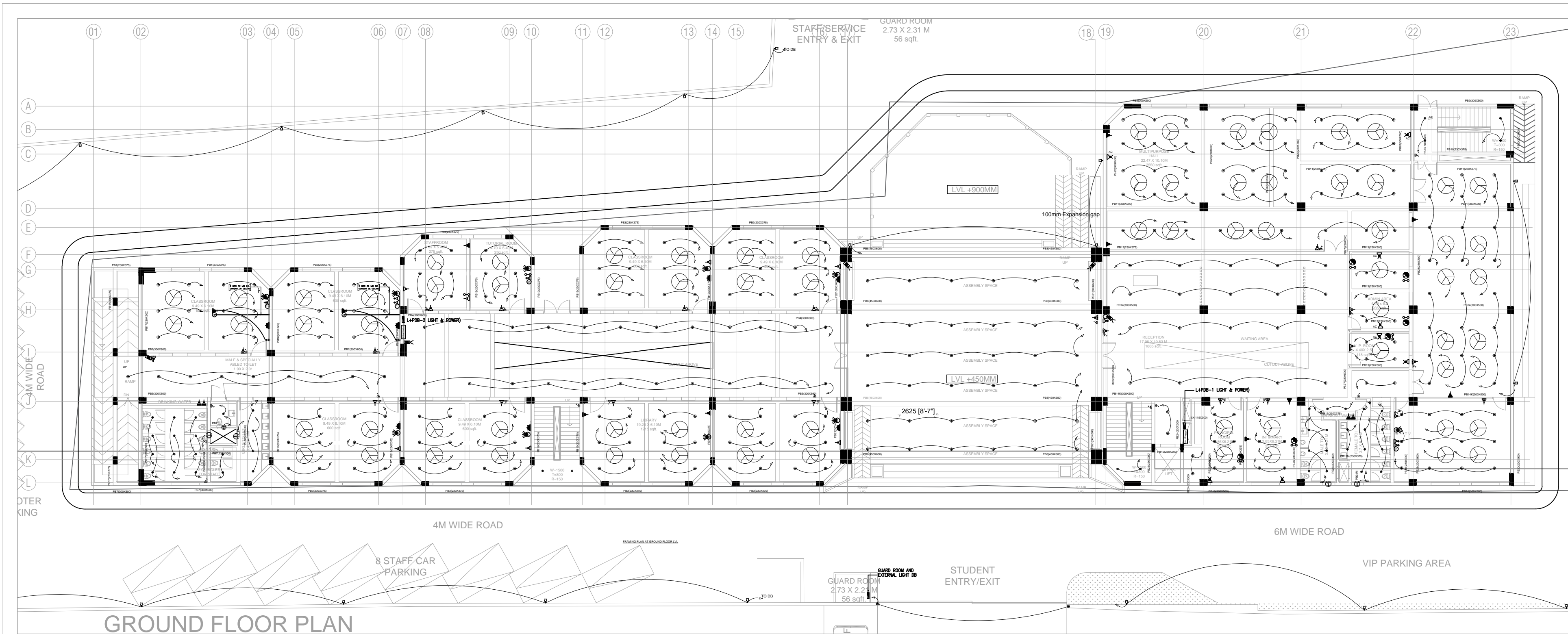
IMS
Design Consultants



































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PROJECT :
VIMUKTI GIRLS SCHOOL

DRAWING :
SINGLE LINE DIAGRAM

DEALT BY: DALBIR	CHECKED BY: SUSHIN	APPROVED BY:
SCALE NTS	DATE-05.01.2024	
DRAWING NO EL-101	REVISION R-0	



LEGEND: -	
	6A ONE WAY SWITCH WITH SWITCH BOARD
	LOOP FOR NORMAL LIGHT
	CEILING FAN
	DOWN LIGHT 12W SURFACE MOUNTED
	EXHAUST FAN
●	
	16 A SWITCH FOR PROJECTOR, INLINE FAN & GEYSER
	6 A SOCKET FOR MOTORIZED SCREEN
	6 A SWITCH SOCKET (RAW)
	6 A SOCKET FOR URINAL SENSOR (UPS)
	1NO. 6A SOCKET WITH 1NO. 6A SWITCH (UPS)
	2NOS. 6A SOCKET WITH 1NO. 6A SWITCH (UPS)
	3NOS. 6A SOCKET WITH 1NO. 6A SWITCH (UPS)
	1NO. 6A SOCKET WITH 1NO. 6A SWITCH (RAW)
	2NOS. 6A SOCKET WITH 1NO. 6A SWITCH (RAW)
	16 A SOCKET WITH SWITCH (RAW)
	16 A SWITCH SOCKET (RAW), HEIGHT 300MM FFL.
	16 A SOCKET WITH SWITCH (UPS)
	16 A SOCKET FOR PROJECTOR (UPS) IN CEILING
	16 A SOCKET FOR GEYSER (RAW)
	16 A SOCKET FOR HAND DRYER (RAW)
	16 A SOCKET FOR INLINE FAN (RAW)
	16 A SWITCH SOCKET FOR SHOE SHINER (RAW)
	20 A A.C. OUTLET
○	
	1NO. VOICE OUTLET
	1NO. DATA IN/CEILING
	1NO. DATA OUTLET
	TELEVISION OUTLET
	CAMERA OUTLET
	COMPUTER LAB
	WORKSTATION
■	
	SOLAR PANEL
LEGENDS: -	
	CCTV IP CAMERA (DOME TYPE)
	BULLET CAMERA
	NETWORK VIDEO RECORDER

FOR TENDER		
RI	05.01.2024	

Electrical Consultant

IMS DESIGN CONSULTANTS

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PROJECT :
VIMUKTI GIRLS SCHOOL

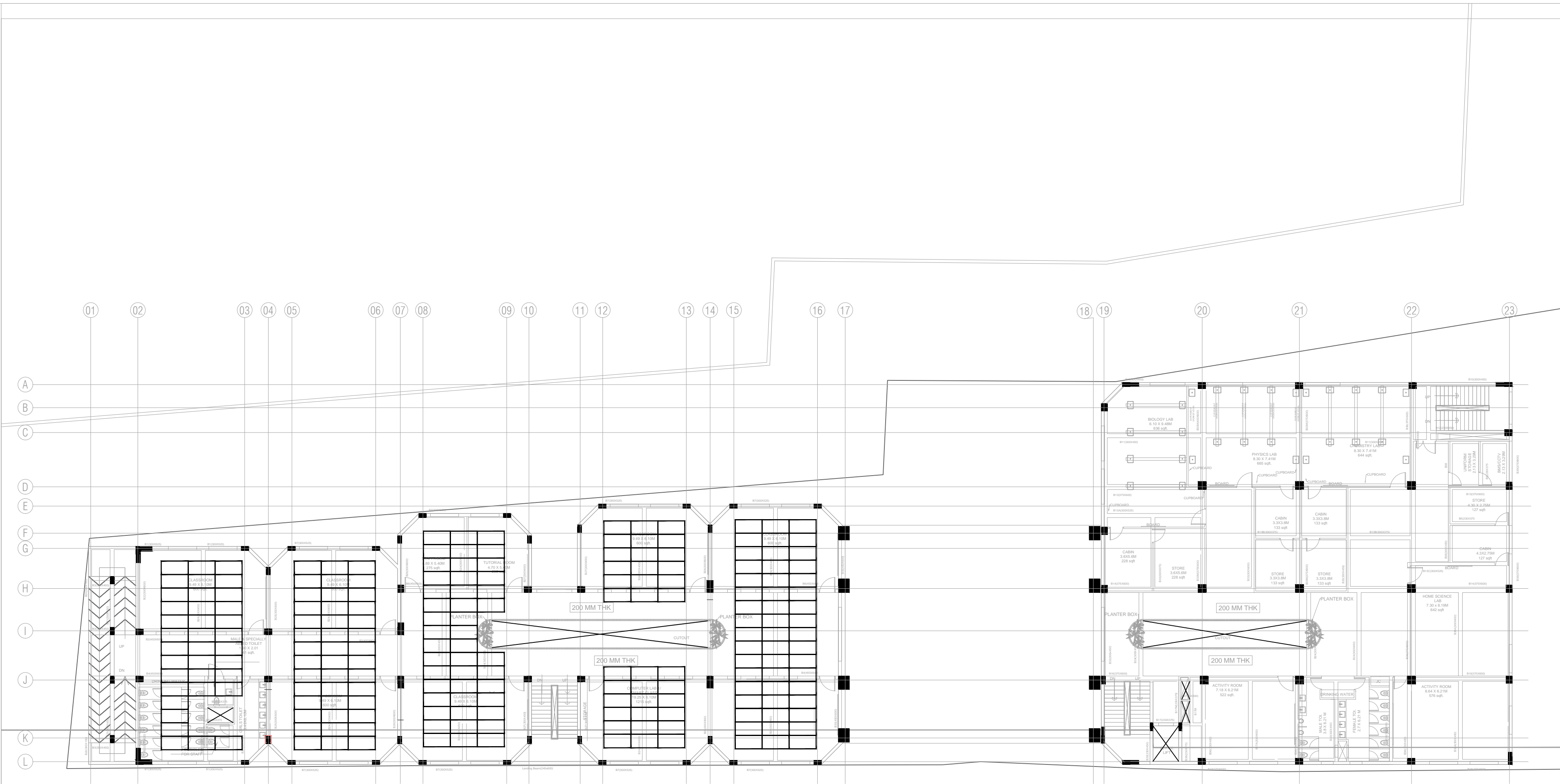
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LIGHTING LAYOUT

DEALT BY DALBIR	CHECKED BY SUSHIN	APPROVED BY
SCALE NTS	DATE-05.01.2024	
DRAWING NO. EL-001		REVISION R-1

SOLAR PANEL
(2000x1000)

SOLAR PANEL



FIRST FLOOR TERRACE
PHASE /1

300MM SLAB SUNK

CONVENTIONAL SLAB

ALL STAIRCASE AND RAMP
TO BE CONVENTIONAL SLAB

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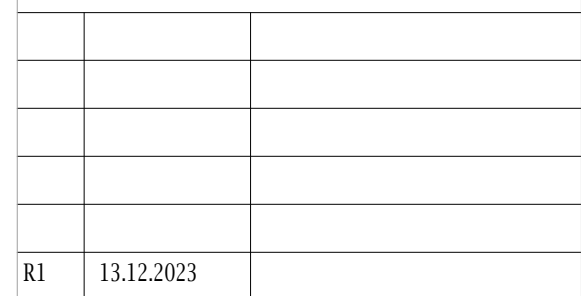
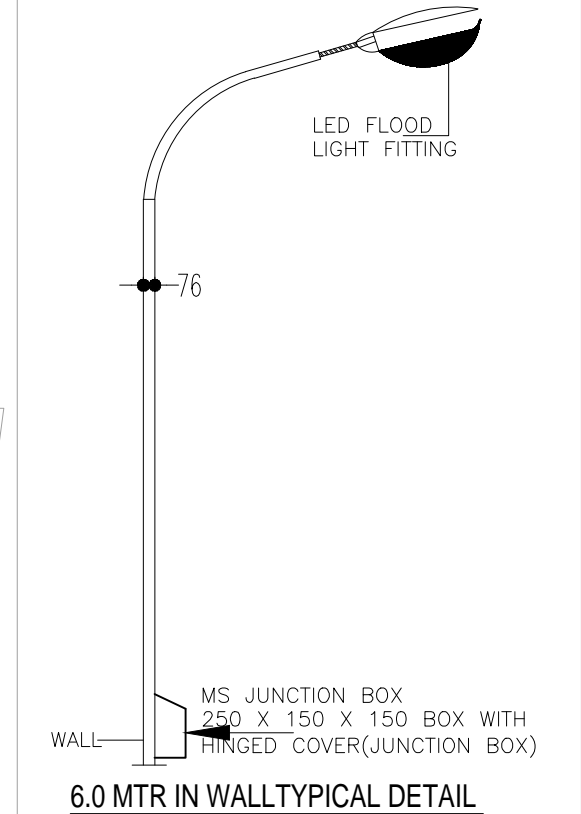
No.9,Plot No.886/A,Ward No.8
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PROJECT :
VIMUKTI GIRLS SCHOOL

DRAWING :
SOLAR LAYOUT
FIRST FLOOR TERRACE
PHASE-1

DEALT BY DALBIR	CHECKED BY SUSHIN	APPROVED BY
SCALE NTS	DATE-05.01.2024	

DRAWING NO. EL-002	REVISION R-0
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DRAWING :

LIGHTING LAYOUT

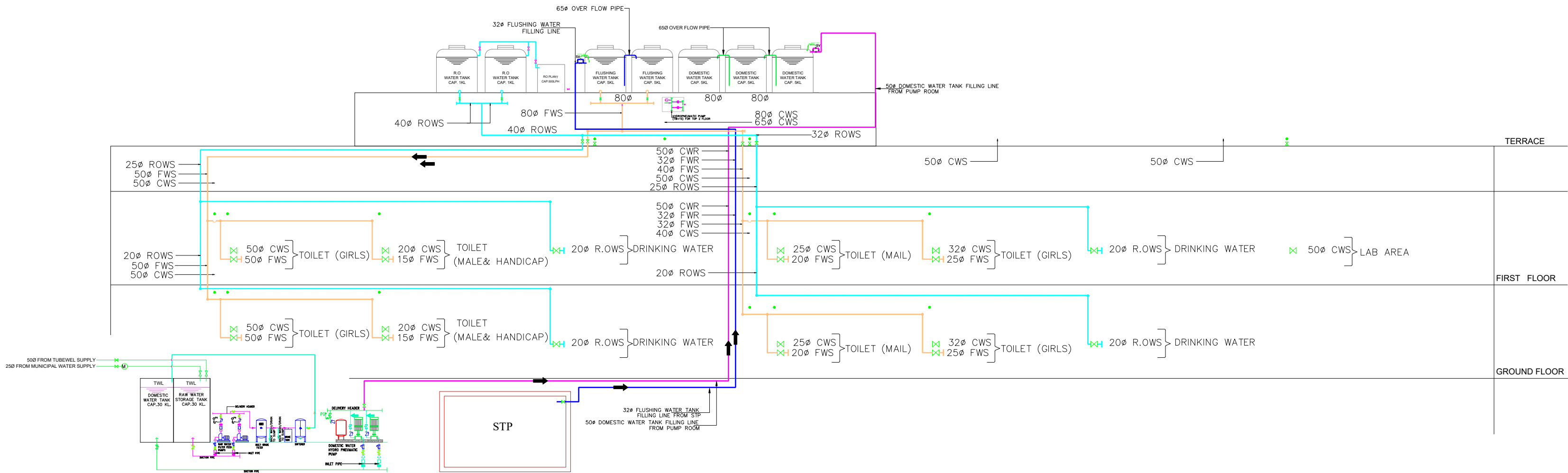
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NOTE:

FLOOR AREA - 19784 SQFT



LEGEND

COLD WATER OH TANK FILLING LINE	_____	_____
COLD WATER SUPPLY	_____	_____
FLUSH WATER SUPPLY	_____	_____
FLUSHING WATER OH TANK FILLING LINE	_____	_____
NON RETURN VALE	_____	_____
ISOLATING VALVE	_____	_____

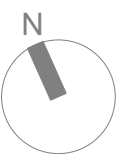
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FOR TENDER

Revisions

Revision	Date	Revision Notes	Issued By	Inspected By



Job Title

VIMUKTI SANSTHA SCHOOL
JAIPUR

Drawing Title

WATER SUPPLY SCHEMATIC DIAGRAM
(PHASE-1)

Check all dimensions and verify on site. Report any errors or omissions

First Issued 05-01-2024

Drawn by S.A.

Drawing Sheet Size A2

Scale NTS

Inspected by R.K.

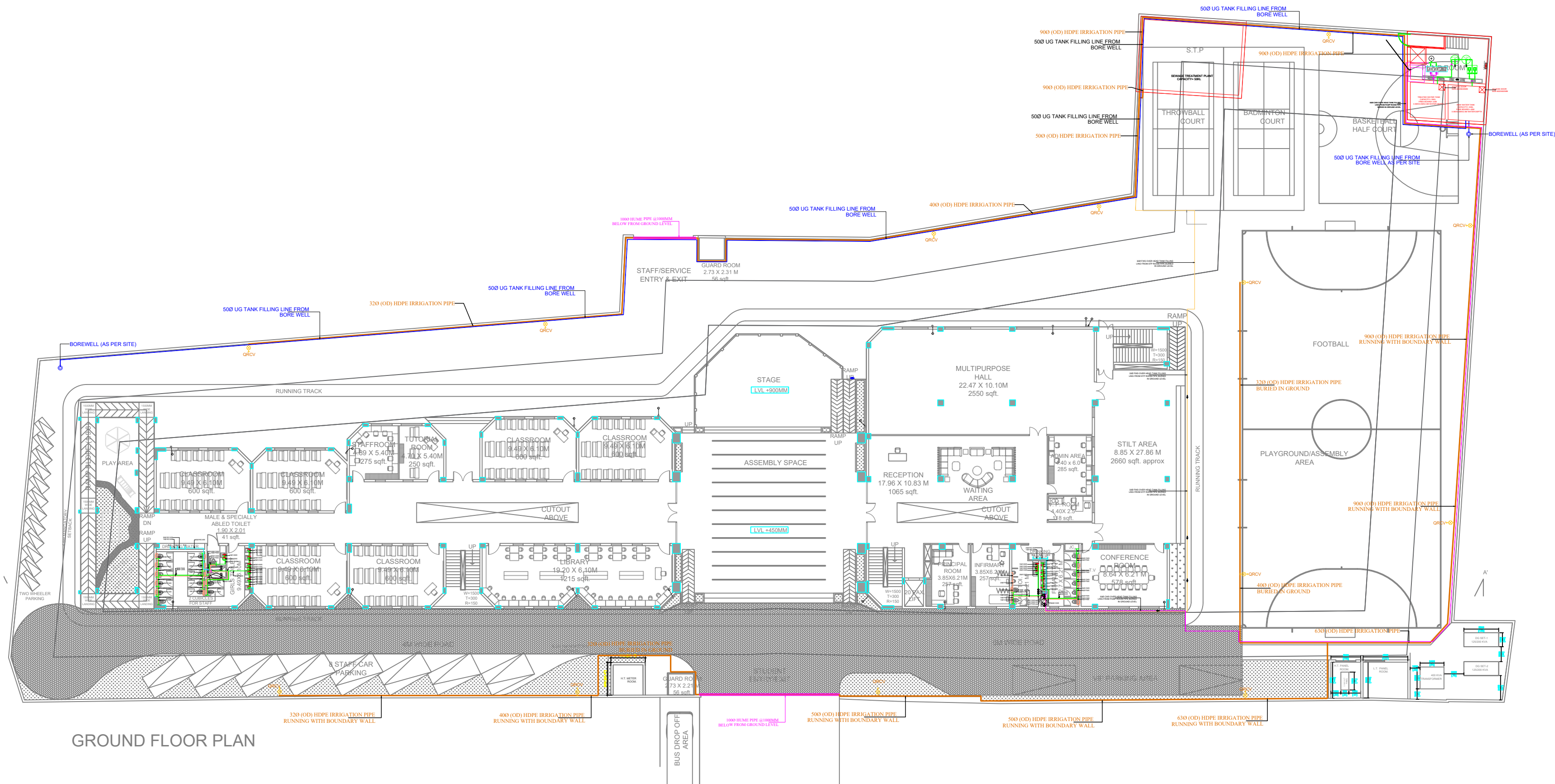
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Drawing Number WS-01

Revision 0



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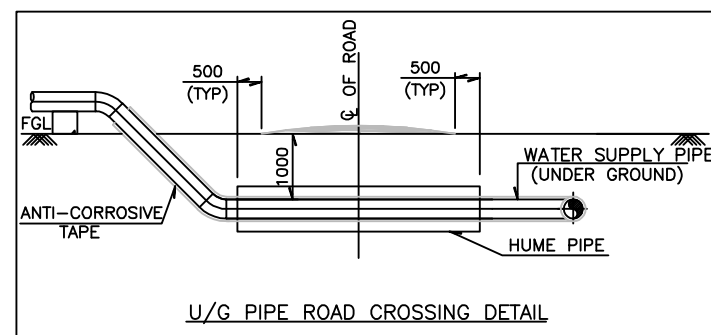
GROUND FLOOR PLAN

LEGEND:-

SOIL PIPE		
WASTE PIPE		
VENT PIPE		
FLOOR TRAP		FT
DRAIN POINT		DP
FLOOR CLEAN OUT		FCO
FLUSH WATER SUPPLY		FWS
COLD WATER SUPPLY		CWS
R.O WATER SUPPLY		ROWS
FWS FILLING WATER SUPPLY		
CWS FILLING WATER SUPPLY		
BORE WELL WATER SUPPLY		
GEYSER		G
HOT WATER SUPPLY		HWS
CISTERN		
ISOLATION VALVE		

PIPE SCHEDULE

1	110Ø SOIL PIPE
2	110Ø WASTE PIPE
3	VENT PIPE
4	COLD WATER SUPPLY DOWN TAKE
5	FLUSH WATER SUPPLY DOWN TAKE
6	160Ø RAIN WATER PIPE
7	CWS OVER HEAD TANK FILING LINE
8	FWS OVER HEAD TANK FILING LINE
9	RO. WATER DOWN TAKE PIPE



LANDSCAPE IRRIGATION LINE (RECYCLED WATER)
QUICK RELEASE COUPLING VALVE

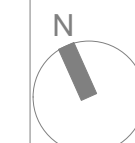
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FOR TENDER

Revision	Date	Revision Notes	Issued By	Inspected By
A	27-10-2023	First Issued	KK	EJ
B	30-10-2023	First Issued	SR	EJ



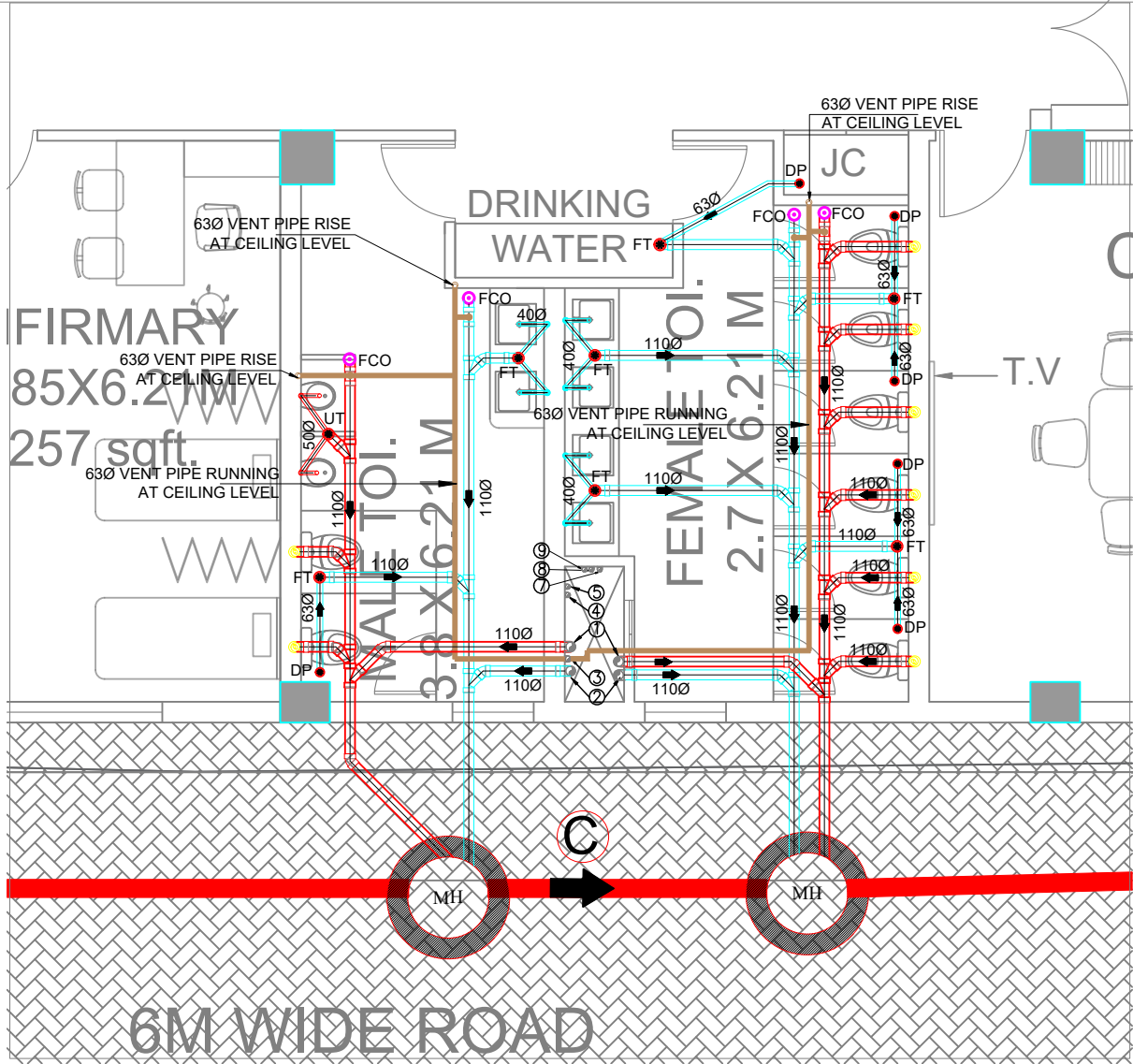
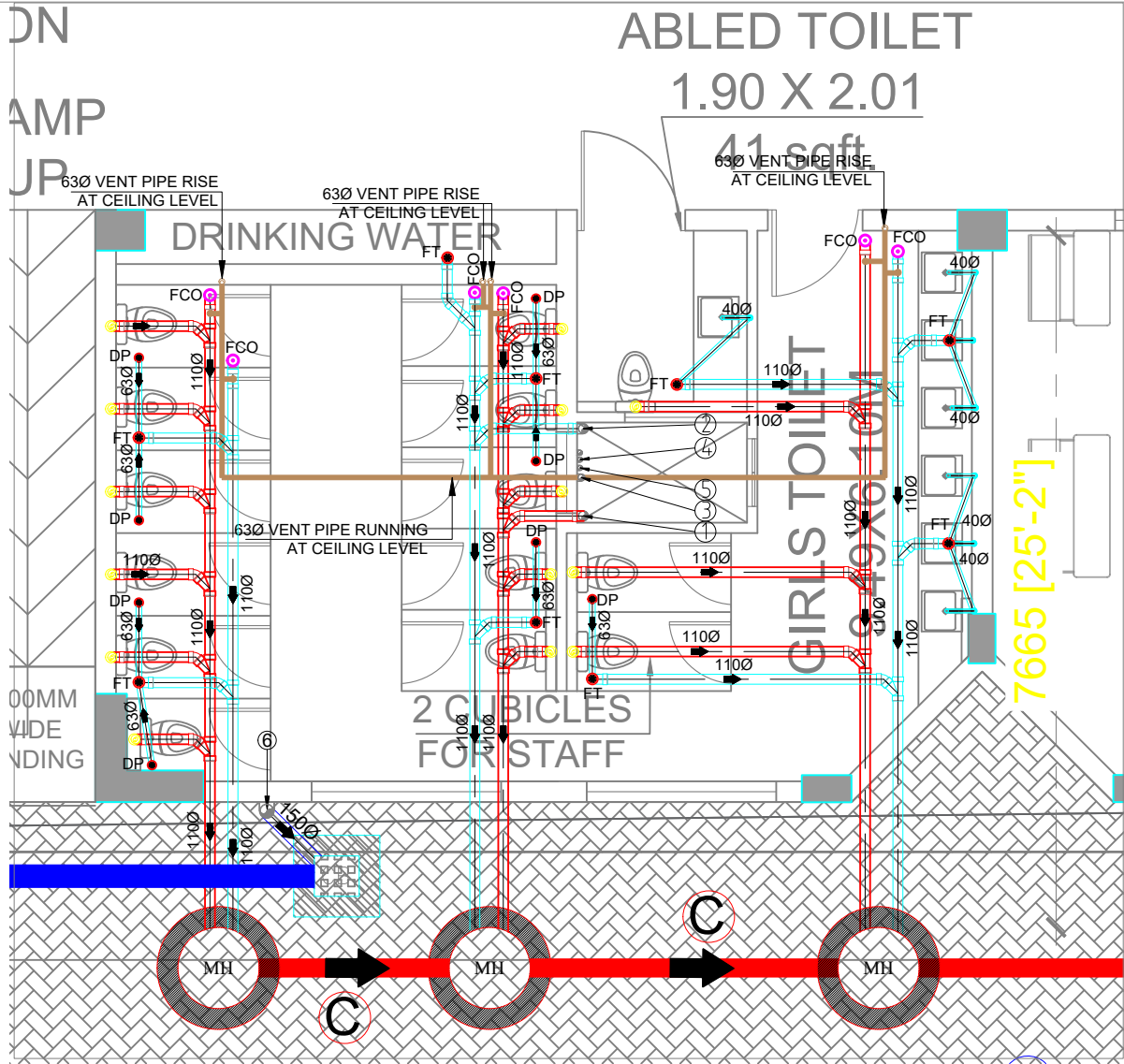
Job Title
VIMUKTI SANSTHA SCHOOL
JAIPUR

Drawing Title
SITE PLAN- WATER SUPPLY PHASE 1

Check all dimensions and verify on site. Report any errors or omissions

DATE	05.01.24
Drawn by	SA
Drawing Sheet Size	A2
Scale	NTS
Inspected by	R.K
Job Code	VMS01
Drawing Number	SP-PL-02
Revision	B

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PIPE SCHEDULE

①	110Ø SOIL PIPE
②	110Ø WASTE PIPE
③	VENT PIPE
④	COLD WATER SUPPLY DOWN TAKE
⑤	FLUSH WATER SUPPLY DOWN TAKE
⑥	160Ø RAIN WATER PIPE
⑦	CWS OVER HEAD TANK FILING LINE
⑧	FWS OVER HEAD TANK FILING LINE
⑨	RO. WATER DOWN TAKE PIPE

NOTE: WATER SUPPLY PIPE SHALL BE RUN HORIZONTALLY ABOVE FALSE CEILING LEVEL

NOTES:-

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LEGEND:-

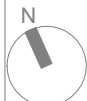
SOIL PIPE	—
WASTE PIPE	—
VENT PIPE	—
FLOOR TRAP	FT
DRAIN POINT	DP
FLOOR CLEAN OUT	FCO
FLUSH WATER SUPPLY	FWS
COLD WATER SUPPLY	CWS
R.O WATER SUPPLY	ROWS
FWS FILLING WATER SUPPLY	—
CWS FILLING WATER SUPPLY	—
BORE WELL WATER SUPPLY	—
GEYSER	G
HOT WATER SUPPLY	HWS
CISTERN	—
ISOLATION VALVE	—

PLUMBING & FF CONSULTANTS :

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FOR TENDER

Revision	Date	Revision Notes	Issued By	Inspected By
A	27-10-2023	First Issued	KK	EJ
B	30-10-2023	First Issued	SR	EJ



Job Title

VIMUKTI SANSTHA SCHOOL
JAIPUR

Drawing Title

GROUND FLOOR DRAINAGE LAYOUT

Check all dimensions and verify on site. Report any errors or omissions

DATE 05-01-2024

Drawn by SA

Drawing Sheet Size A3

Scale NTS

Inspected by R.K

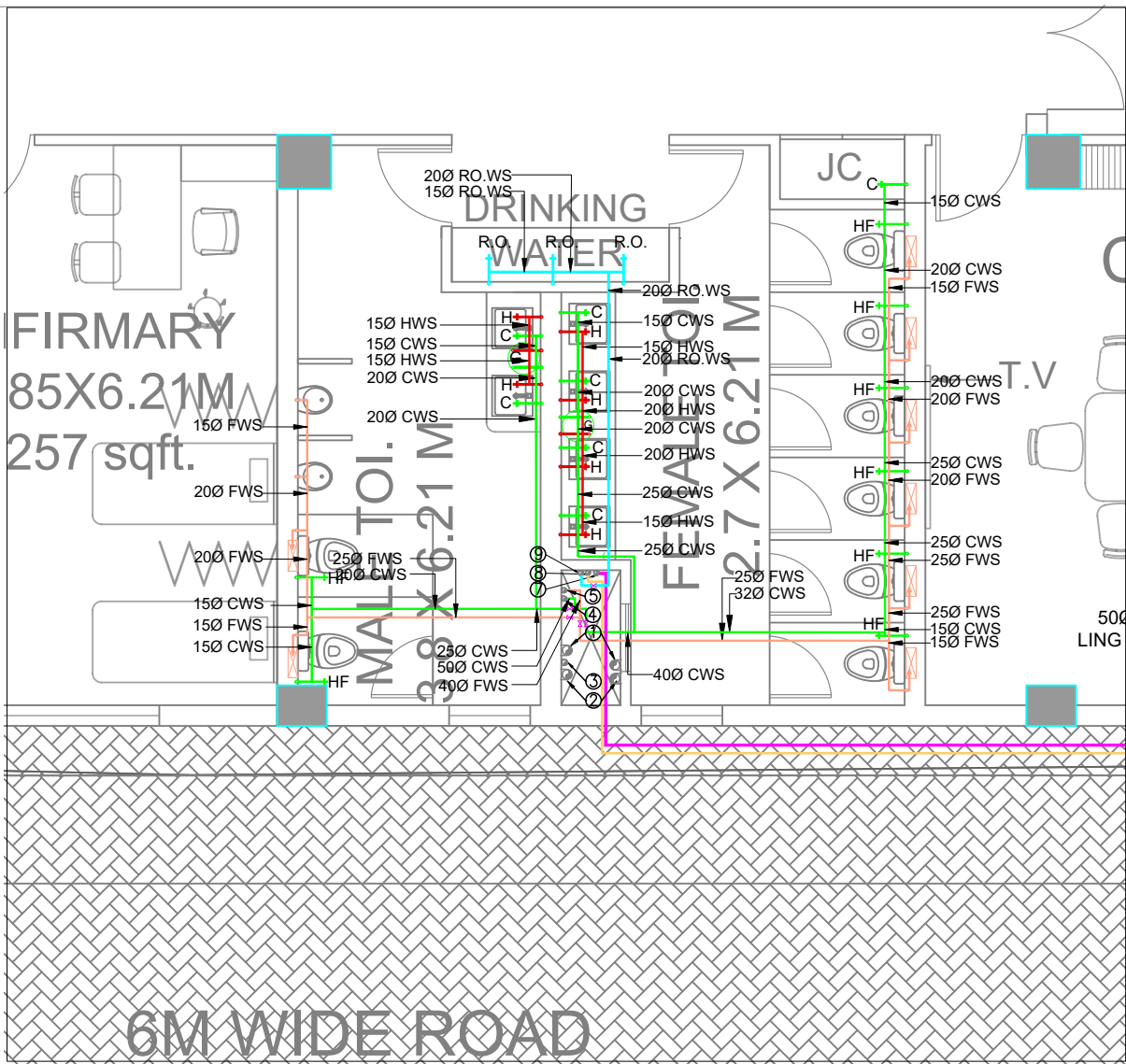
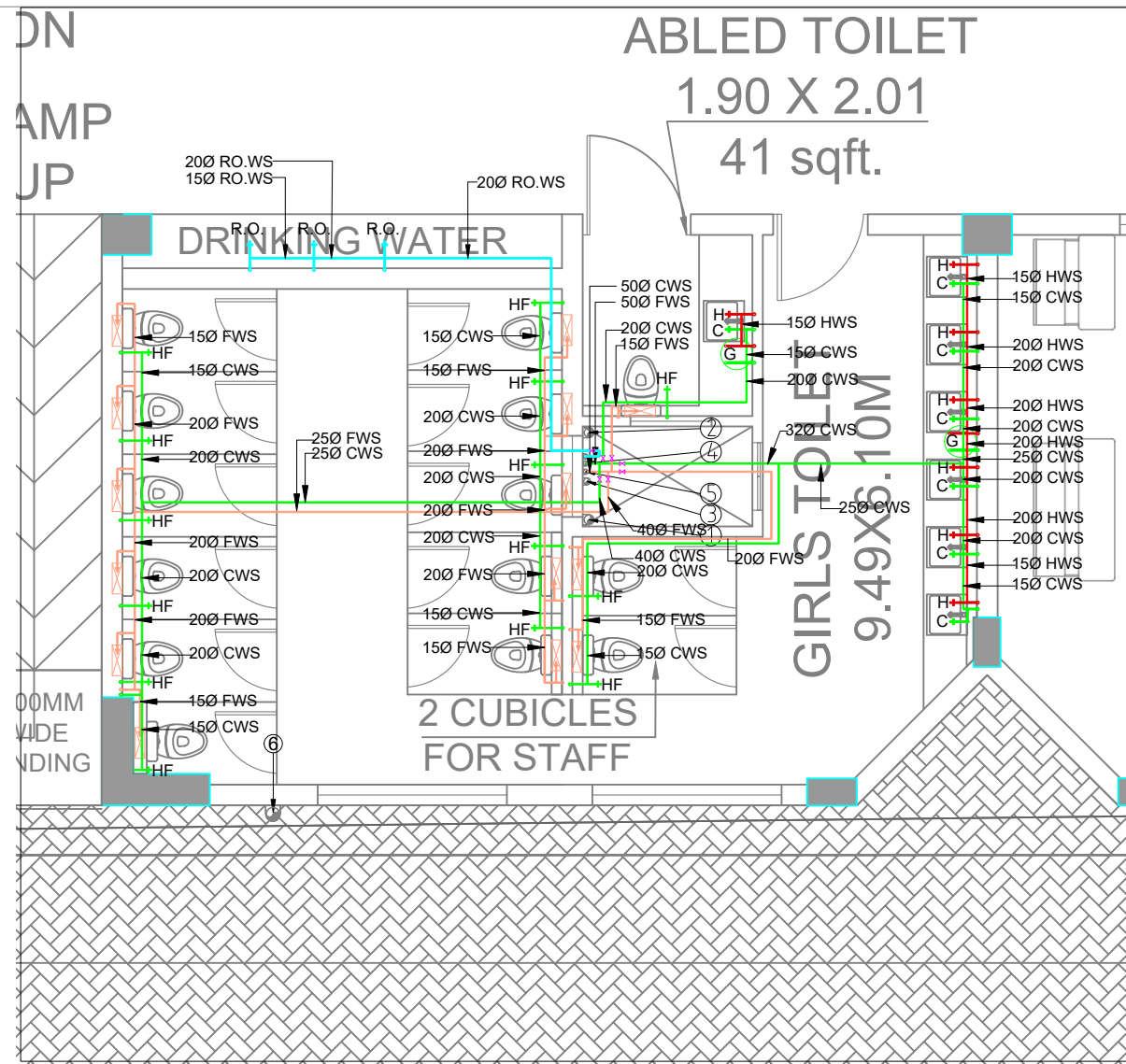
Job Code VMS01

Drawing Number PL-01

Revision B



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PIPE SCHEDULE

①	1100 SOIL PIPE
②	1100 WASTE PIPE
③	VENT PIPE
④	COLD WATER SUPPLY DOWN TAKE
⑤	FLUSH WATER SUPPLY DOWN TAKE
⑥	1600 RAIN WATER PIPE
⑦	CWS OVER HEAD TANK FILING LINE
⑧	FWS OVER HEAD TANK FILING LINE
⑨	RO. WATER DOWN TAKE PIPE

NOTE: WATER SUPPLY PIPE SHALL BE RUN HORIZONTALLY ABOVE FALSE CEILING LEVEL

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LEGEND:-

SOIL PIPE	—	—
WASTE PIPE	—	—
VENT PIPE	—	—
FLOOR TRAP	—	FT
DRAIN POINT	—	DP
FLOOR CLEAN OUT	—	FCO
FLUSH WATER SUPPLY	—	FWS
COLD WATER SUPPLY	—	CWS
R.O WATER SUPPLY	—	ROWS
FWS FILLING WATER SUPPLY	—	—
CWS FILLING WATER SUPPLY	—	—
BORE WELL WATER SUPPLY	—	—
GEYSER	—	G
HOT WATER SUPPLY	—	HWS
CISTERN	—	—
ISOLATION VALVE	—	—

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FOR TENDER

Revision	Date	Revision Notes	Issued By	Inspected By
A	27-10-2023	First Issued	KK	EJ
B	30-10-2023	First Issued	SR	EJ



Job Title

VIMUKTI SANSTHA SCHOOL
JAIPUR

Drawing Title

GROUND FLOOR WATER SUPPLY

Check all dimensions and verify on site. Report any errors or omissions

05.01.24

Drawn by SA

Drawing Sheet Size A3

Scale NTS

Inspected by R.K

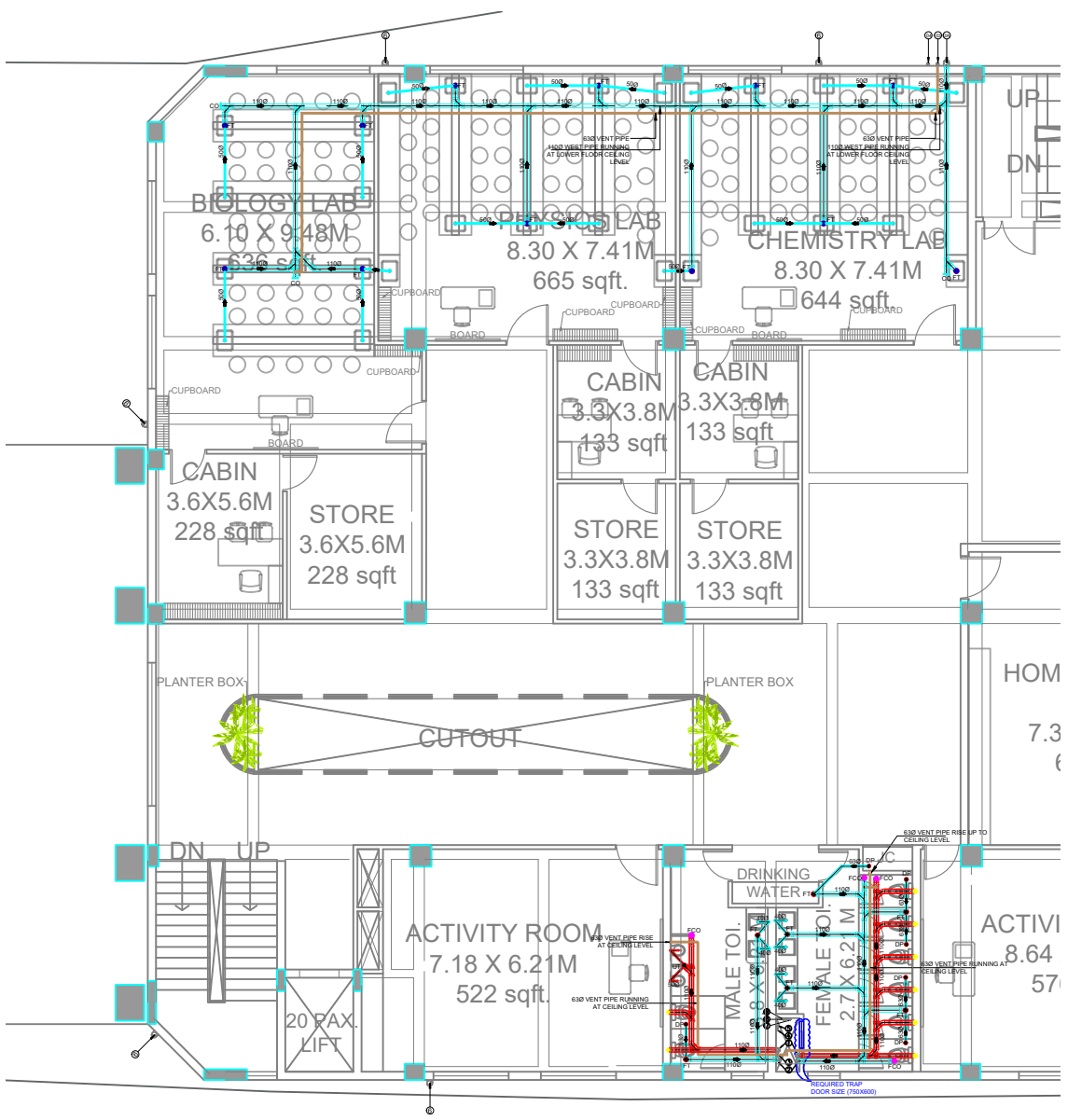
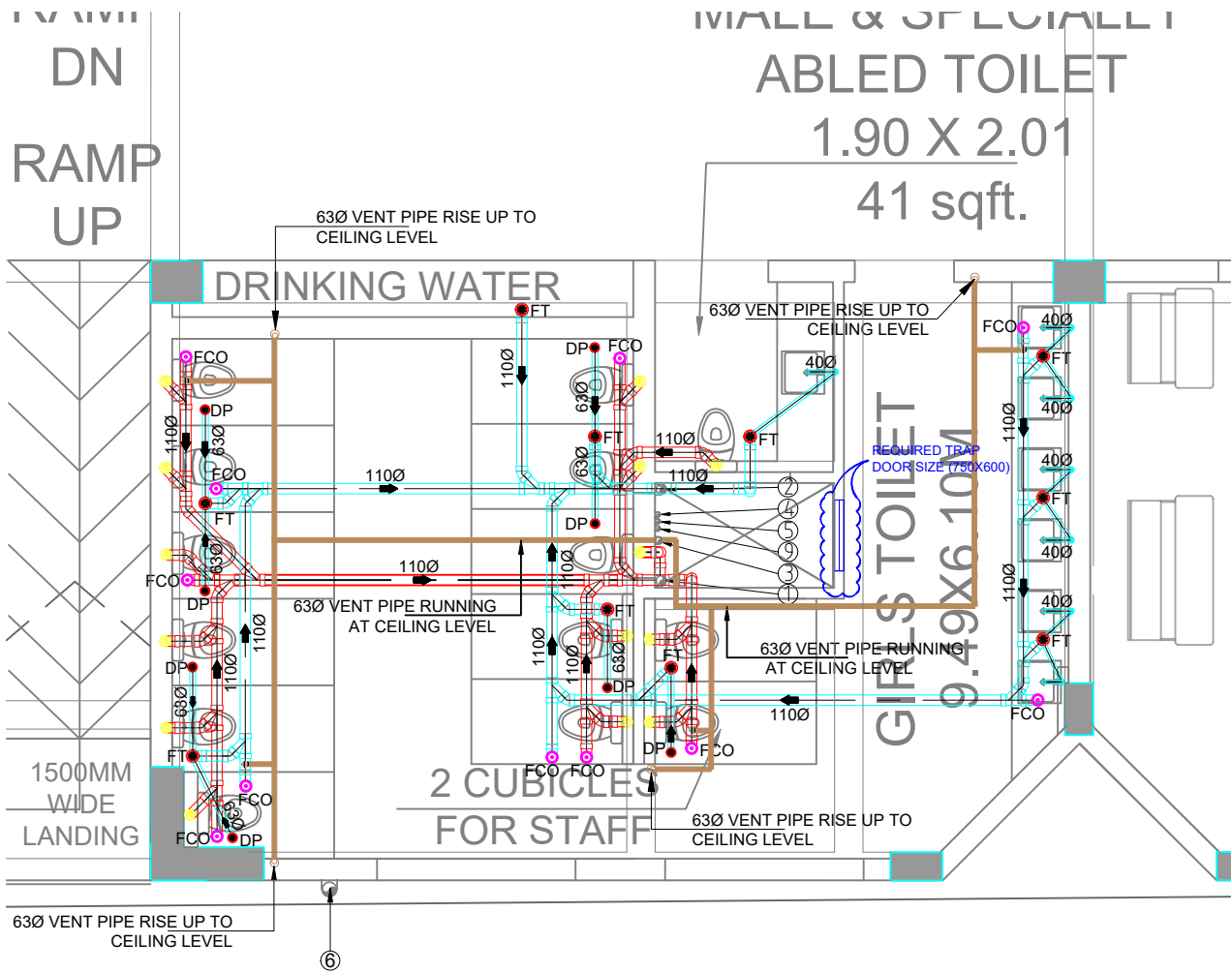
Job Code VMS01

Drawing Number PL-02

Revision B



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PIPE SCHEDULE

①	110Ø SOIL PIPE
②	110Ø WASTE PIPE
③	VENT PIPE
④	COLD WATER SUPPLY DOWN TAKE
⑤	FLUSH WATER SUPPLY DOWN TAKE
⑥	160Ø RAIN WATER PIPE
⑦	CWS OVER HEAD TANK FILING LINE
⑧	FWS OVER HEAD TANK FILING LINE
⑨	RO. WATER DOWN TAKE PIPE

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LEGEND:-

SOIL PIPE	---
WASTE PIPE	---
VENT PIPE	---
FLOOR TRAP	FT
DRAIN POINT	DP
FLOOR CLEAN OUT	FCO
CORE CUT	⊗
CLEAN OUT PLUG	CO
FLUSH WATER SUPPLY	FWS
COLD WATER SUPPLY	CWS
R.O WATER SUPPLY	ROWS
FWS FILLING WATER SUPPLY	---
CWS FILLING WATER SUPPLY	---
BORE WELL WATER SUPPLY	---
GEYSER	G
HOT WATER SUPPLY	HWS
CISTERN	---
ISOLATION VALVE	---

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Job Title
VIMUKTI SANSTHA SCHOOL
JAIPUR

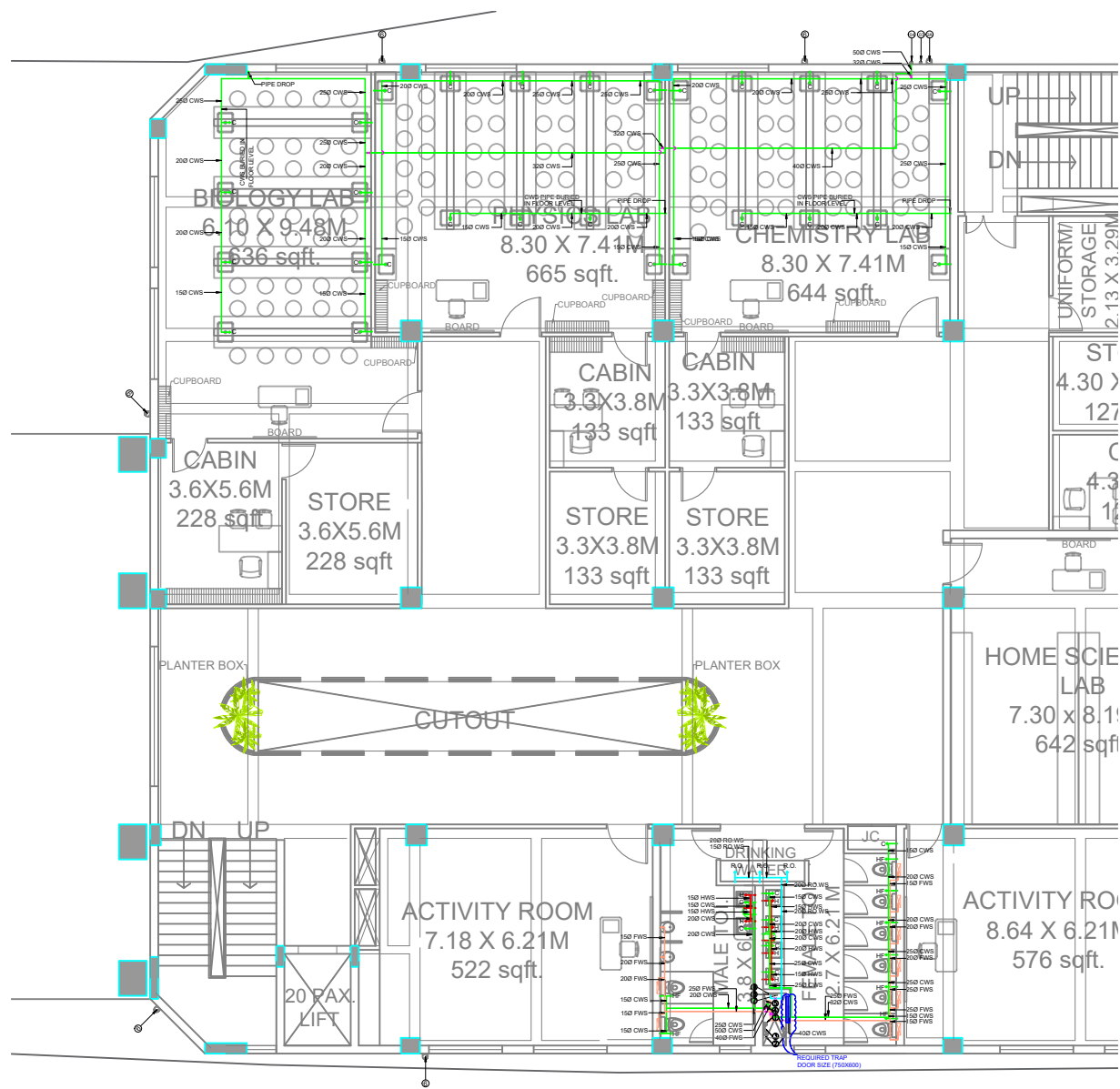
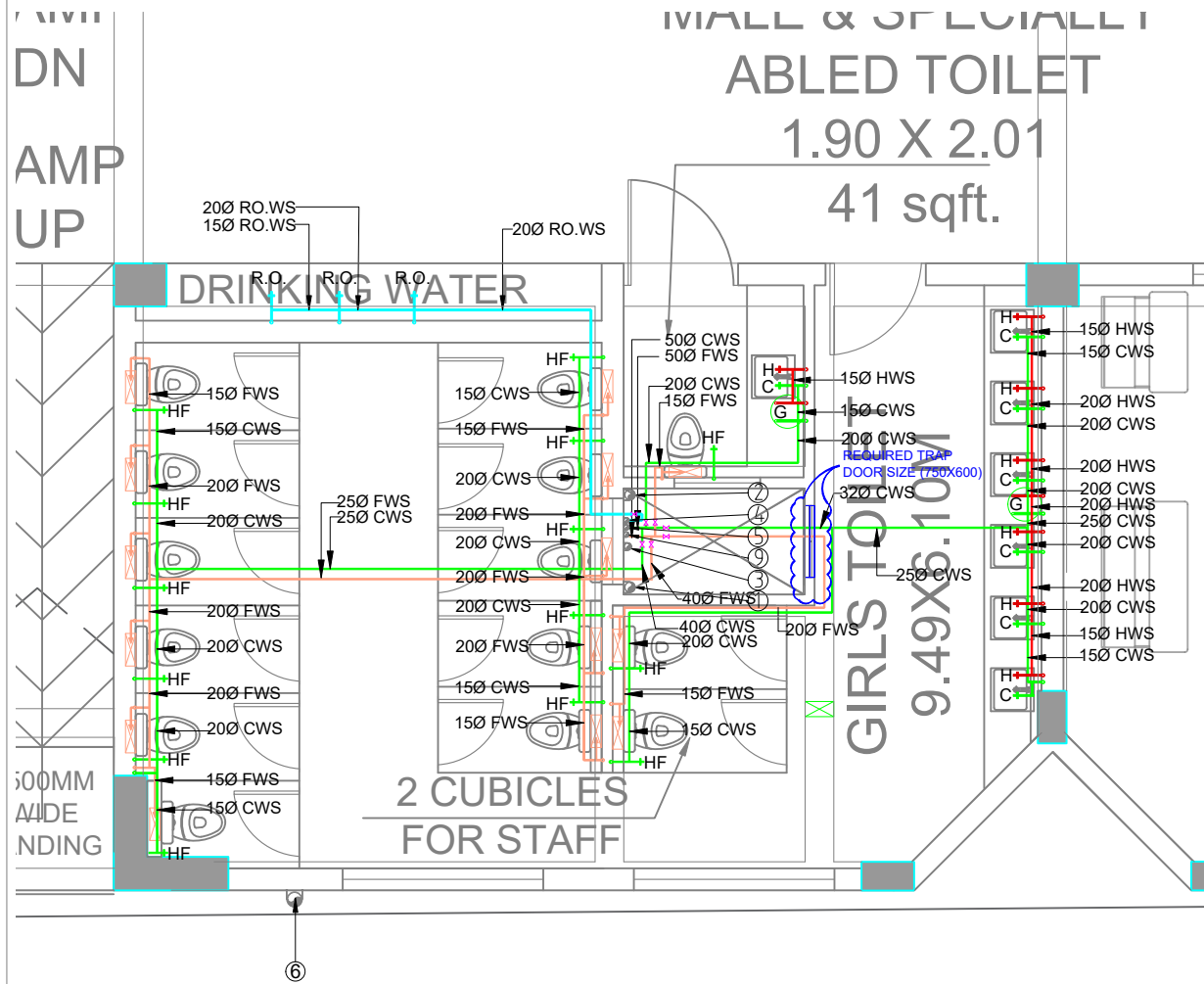
Drawing Title
FIRST FLOOR DRAINAGE LAYOUT

Check all dimensions and verify on site. Report any errors or omissions

DATE	05.01.24
Drawn by	SA
Drawing Sheet Size	A3
Scale	NTS
Inspected by	R.K
Job Code	VMS01
Drawing Number	PL-03
Revision	B



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Revisions	Revision	Date	Revision Notes	Issued By	Inspected By
A	27-10-2023	First Issued	KK	SR	EJ
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Job Title
**VIMUKTI SANSTHA SCHOOL
JAIPUR**

Drawing Title
FIRST FLOOR WATER SUPPLY

Check all dimensions and verify on site. Report any errors or omissions

DATE	05.01.24
Drawn by	SA
Drawing Sheet Size	A3
Scale	NTS
Inspected by	R.K
Job Code	VMS01
Drawing Number	PL-04
Revision	B



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GEYSER	—	G
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