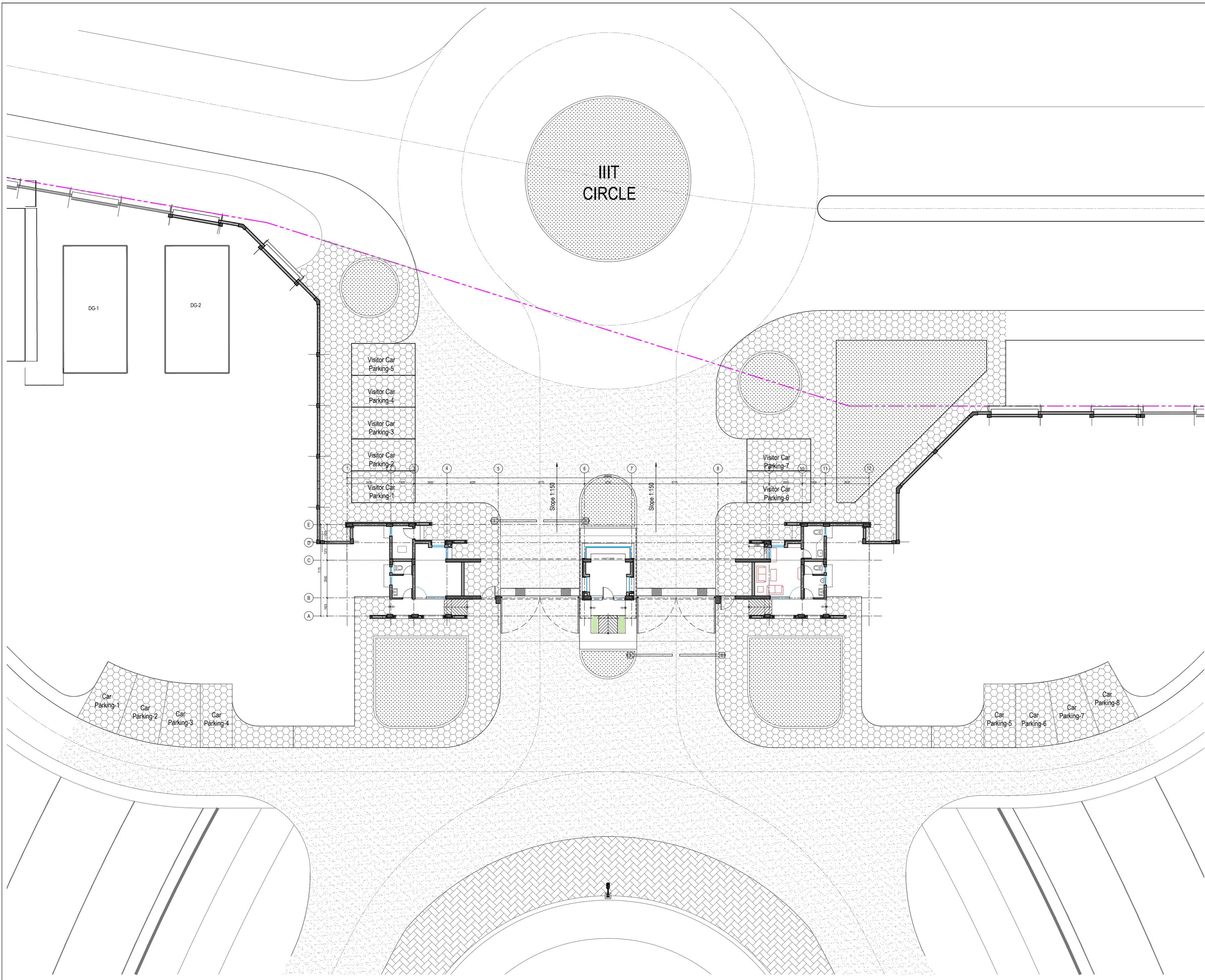


TENDER STAGE DRAWINGS

<b>NOTES:</b> 1. All dimensions are in mm unless noted otherwise. 2. The dimensions are to be read and not scaled off the drawing. 3. Any discrepancy in the drawing shall be brought to the notice of the Architects. 4. This drawing is to be read in conjunction with other relevant drawings & specifications given in the tender document. 5. Only the latest revision of the drawings shall be considered valid for all purposes.	<b>REVISIONS:</b> <table border="1"> <thead> <tr> <th>SL.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td>-</td><td>-</td><td>-</td></tr> <tr><td>-</td><td>-</td><td>-</td></tr> <tr><td>-</td><td>-</td><td>-</td></tr> <tr><td>-</td><td>-</td><td>-</td></tr> <tr><td>-</td><td>-</td><td>-</td></tr> <tr><td>-</td><td>-</td><td>-</td></tr> <tr><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>		SL.	DATE	DESCRIPTION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ELECTRICAL CONSULTANT <b>SV Intense Engineering Infrastructure Pvt. Ltd.</b> Velachery, Chennai - 600042	PROJECT <b>Infrastructure Development at IIIT Sri City Chittoor</b>	ARCHITECT  <b>Aadharshila Designs Pvt. Ltd.</b> B - 4/124, L. G. F., Safdarjung Enclave, New Delhi - 110029. Tel : +91 11 26100433 - 6, Fax : +91 11 26177678, E-mail : adpl@adpl.in	DRAWING TITLE <b>FRONT BOUNDARY WALL TRUE ELEVATION</b>	 REV. <b>R0</b>
	SL.	DATE	DESCRIPTION																												
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PLUMBING & FIRE-FIGHTING CONSULTANT <b>Behera &amp; Associates</b> F-623A, Lado Sarai, Behind CNG Station, New Delhi	CLIENT <b>Indian Institute of Information Technology Sri City, Chittoor</b> Andhra Pradesh	COPYRIGHT This drawing is the property of Aadharshila Designs Pvt. Ltd. It shall not be copied, used in any manner and handed over to any person or party without the prior permission of Aadharshila Designs Pvt. Ltd.	DATE 09.07.2024	SCALE 1:400 @ A2	DRAWING NO. <b>IIITS / ABNE / TD / AR-502</b>																										



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  - Main Gate FRL is considered as +13.30m, which corresponds to ±00 level for the purpose of the building. Proposed IL of the drain is +12.35m for the Main Gate.

**REVISIONS:**

SL.	DATE	DESCRIPTION
-	-	-
-	-	-
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-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

**Legend-**

- PAVED AREA
- ASPHALT ROAD

**ELECTRICAL CONSULTANT**  
**SV Intense Engineering Infrastructure Pvt. Ltd.**  
 Velachery, Chennai - 600042

**PLUMBING & FIRE-FIGHTING CONSULTANT**  
**Behera & Associates**  
 F-623A, Lado Sarai, Behind CNG Station, New Delhi

**HVAC CONSULTANT**  
**Abid Husain Consultants**  
 LG-182, Jeevan Prakash Apartment, 16A, Okhla, New Delhi

**STRUCTURAL CONSULTANT**  
**Jehovaking Engineering Consultants Pvt. Ltd.**  
 6th Cross Street, Lakshmi Nagar, Porur, Chennai - 600116

**PROJECT**  
**Infrastructure Development at IIIT Sri City Chittoor**

**CLIENT**  
**Indian Institute of Information Technology Sri City, Chittoor**  
 Andhra Pradesh

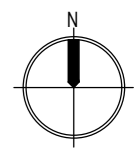
**ARCHITECT**

**ADPL**  
**Aadharshila Designs Pvt. Ltd.**

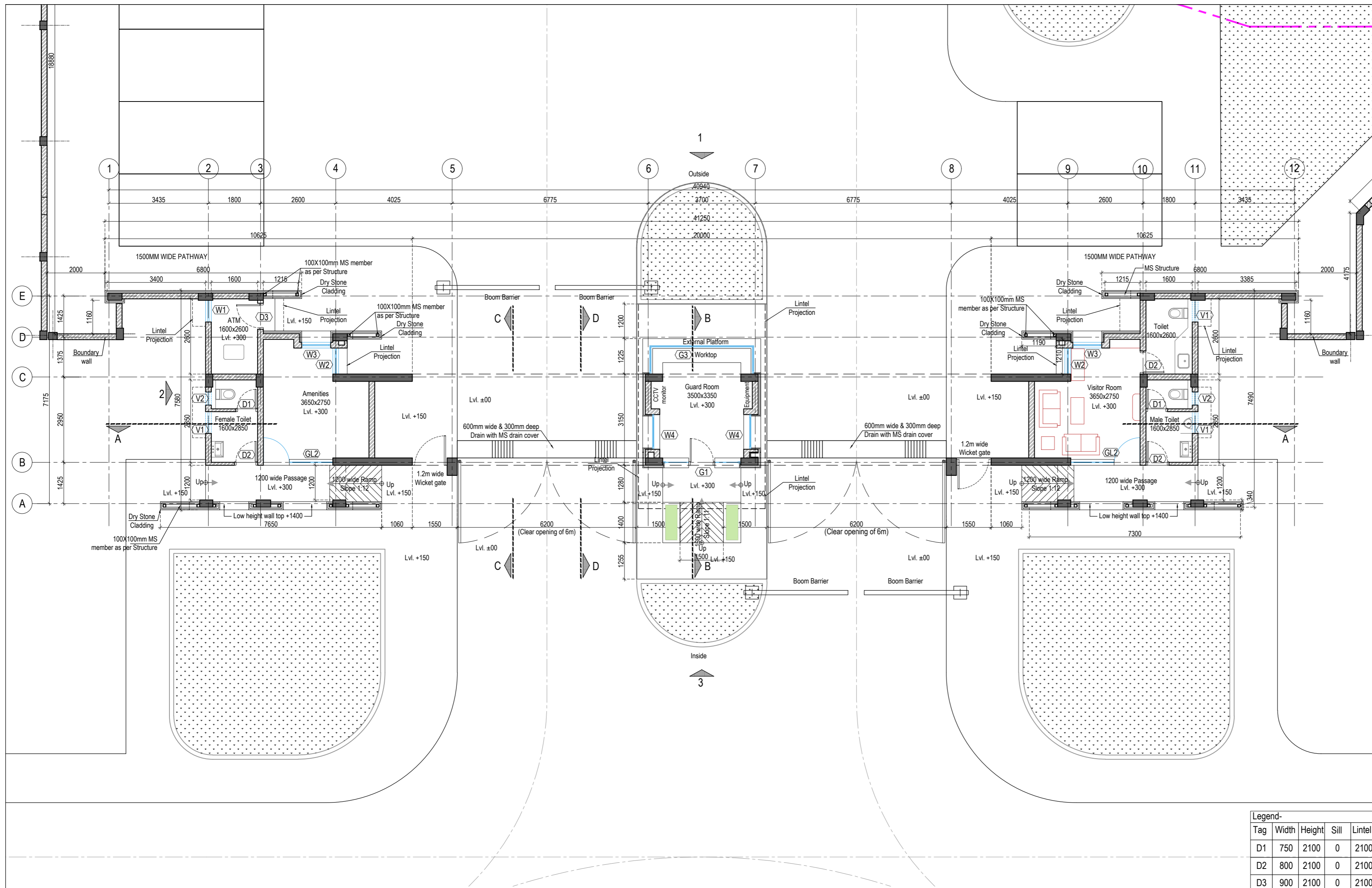
B - 4/124, L. G. F., Safdarjung Enclave, New Delhi - 110029.  
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<b>DRAWING TITLE</b> SITE PLAN		
<b>MAIN ENTRANCE GATE COMPLEX</b>		
<b>DATE</b> 01.06.2024	<b>SCALE</b> 1:200@A2	<b>REV.</b> R0
<b>DRAWING NO.</b> IIITS / MG / TD / AR-001		

TENDER STAGE DRAWINGS



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**REVISIONS:**

SL.	DATE	DESCRIPTION
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-	-	-
-	-	-

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**SV Intense Engineering Infrastructure Pvt. Ltd.**  
 Velachery, Chennai - 600042

**PLUMBING & FIRE-FIGHTING CONSULTANT**  
**Behera & Associates**  
 F-623A, Lado Sarai, Behind CNG Station, New Delhi

**HVAC CONSULTANT**  
**Abid Husain Consultants**  
 LG-182, Jeevan Prakash Apartment, 16A, Okhla, New Delhi

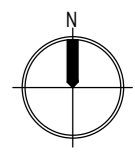
**STRUCTURAL CONSULTANT**  
**Jehovaking Engineering Consultants Pvt. Ltd.**  
 6th Cross Street, Lakshmi Nagar, Porur, Chennai - 600116

**PROJECT**  
**Infrastructure Development at IIT Sri City**  
**Chittoor**

**CLIENT**  
**Indian Institute of Information Technology**  
**Sri City, Chittoor**  
 Andhra Pradesh

**ARCHITECT**  
**AADPL**  
**Aadharshila Designs Pvt. Ltd.**  
 B - 4/124, L. G. F., Safdarjung Enclave, New Delhi - 110029.  
 Tel: +91 11 26100433 - 6, Fax: +91 11 26177678,  
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<b>DRAWING TITLE</b> GROUND FLOOR PLAN		 <b>REV.</b> <b>R0</b>
<b>MAIN ENTRANCE GATE COMPLEX</b>		
<b>DATE</b> 01.06.2024	<b>SCALE</b> 1:100@A2	<b>REV.</b> <b>R0</b>
<b>DRAWING NO.</b> IIITS / MG / TD / AR-101		

**Legend-**

Tag	Width	Height	Sill	Lintel
D1	750	2100	0	2100
D2	800	2100	0	2100
D3	900	2100	0	2100
D3G	900	2100	0	2100

**Ventilator-**

Tag	Width	Height	Sill	Lintel
V1	750	750	1350	2100
V2	450	750	1350	2100

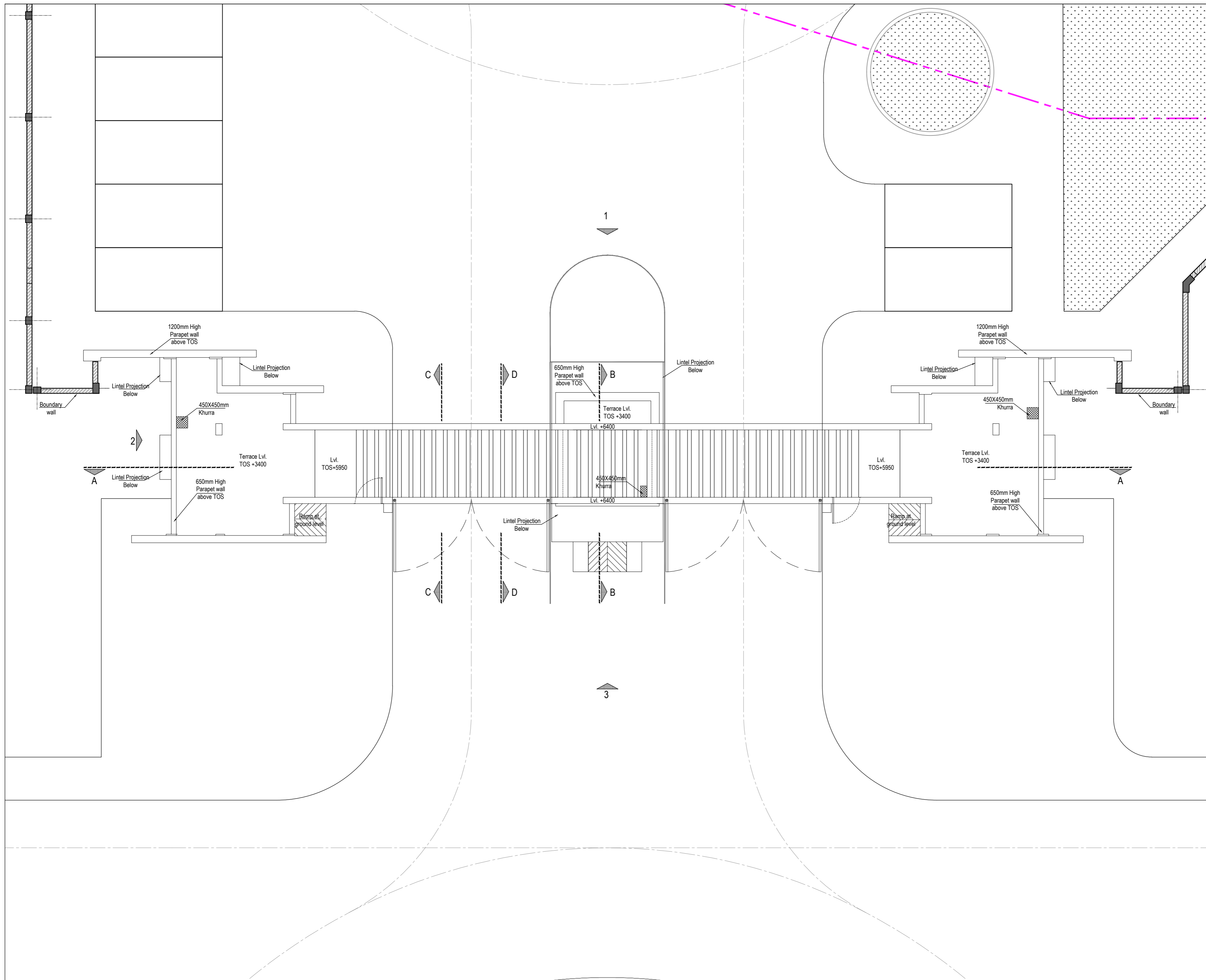
**Window-**

Tag	Width	Height	Sill	Lintel
W1	750	1200	900	2100
W2	900	1200	900	2100
W3	1000	1800	300	2100
W4	1200	1200	900	2100

**Glazing-**

Tag	Width	Height	Sill	Lintel
GL1	2600	1800	300	2100
GL2	2400	1800	300	2100
GL3	870+3475+870	1000	1100	2100

TENDER STAGE DRAWINGS



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**REVISIONS:**

SL.	DATE	DESCRIPTION
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-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

**ELECTRICAL CONSULTANT**  
**SV Intense Engineering Infrastructure Pvt. Ltd.**  
 Velachery, Chennai - 600042

**PLUMBING & FIRE-FIGHTING CONSULTANT**  
**Behera & Associates**  
 F-623A, Lado Sarai, Behind CNG Station, New Delhi

**HVAC CONSULTANT**  
**Abid Husain Consultants**  
 LG-182, Jeevan Prakash Apartment, 16A, Okhla, New Delhi

**STRUCTURAL CONSULTANT**  
**Jehovaking Engineering Consultants Pvt. Ltd.**  
 6th Cross Street, Lakshmi Nagar, Porur, Chennai - 600116

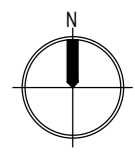
**PROJECT**  
**Infrastructure Development at IIIT Sri City**  
**Chittoor**

**CLIENT**  
**Indian Institute of Information Technology**  
**Sri City, Chittoor**  
 Andhra Pradesh

**ARCHITECT**  
**AADPL**  
**Aadharshila Designs Pvt. Ltd.**  
 B - 4/124, L. G. F., Safdarjung Enclave, New Delhi - 110029.  
 Tel: +91 11 26100433 - 6, Fax: +91 11 26177678,  
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<b>TENDER STAGE DRAWINGS</b>	<b>DRAWING TITLE</b>		 <b>N</b>
	<b>TERRACE LEVEL PLAN</b>		
	<b>MAIN ENTRANCE GATE COMPLEX</b>		
<b>DATE</b>	<b>SCALE</b>	<b>REV.</b>	
01.06.2024	1:100@A2		
<b>DRAWING NO.</b>			<b>R0</b>
IIITS / MG / TD / AR-102			

## SCHEDULE OF FINISHES

### Internal Finishes:

Sl.	Space	Floor	Wall	Ceiling
i	Passage	Granite Stone	Texture paint / 30mm thk. Dholpur Pink stone dry-cladding as per design	Acrylic Emulsion Paint
ii	ATM, Amenities, Guard Room and Visitor Room	Double Charged Vitrified Tiles (600X600mm)	Acrylic Emulsion Paint	
iii	Toilets	Anti skid Tiles (300X300mm)	Ceramic Wall Tiles (300x600mm) upto 2100mm height + Acrylic Emulsion Paint upto ceiling	
iv	Ramp	1.2m wide Flamed Granite Stone finish	Texture paint / 30mm thk. Dholpur Pink stone dry-cladding as per design	

### General Items:

i	Factory fabricated aluminium glazed Doors, window, ventilators & louvers
ii	Laminated flush door with wooden frame in toilets
iii	MS grill work/ Aluminium louver wherever applicable as per design will be powder coated.
iv	Floor margin considered as 75mm.
v	Skirting of 100mm shall be of same material as flooring unless otherwise specified.
vi	Floor mounted WCs at all toilets. Table-top & Wall Mounted Wash Basins as per location.
vii	Polished Granite at all internal & external counters as well as horizontal surfaces of stone cladded walls.
viii	Tactile tiles at required areas.

### External Finishes:

i	Combination of Natural Mineral based Texture Paint, Stone dry-cladding as per design & location.
ii	High performance single glass in external openings. External windows with MS grill inside as per design & location.
iii	Terracing with waterproof and thermal insulation combined as per approved specification.
iv	Boundary Wall with Natural Mineral based Texture Paint & coping with Granite Stone.

### Note: Shop Drawings to be provided by the Contractor for:

i	All Aluminum works
ii	All MS works
iii	Drystone Cladding Elevations & Fixing Details
iv	All Glazing Details
v	All Signages
<b>Execution shall be carried out based on approved Shop Drawings &amp; site mockup.</b>	

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#### REVISIONS:

SL.	DATE	DESCRIPTION
R1	09.07.2024	Shop Drawing requirements & Front Boundary Wall details added.
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

#### ELECTRICAL CONSULTANT

SV Intense Engineering Infrastructure Pvt. Ltd.  
Velachery, Chennai - 600042

#### PLUMBING & FIRE-FIGHTING CONSULTANT

Behera & Associates  
F-623A, Lado Sarai, Behind CNG Station, New Delhi

#### HVAC CONSULTANT

Abid Husain Consultants  
LG-1&2, Jeevan Prakash Apartment, 16A, Okhla, New Delhi

#### STRUCTURAL CONSULTANT

Jehovaking Engineering Consultants Pvt. Ltd.  
6th Cross Street, Lakshmi Nagar, Porur, Chennai - 600116

#### PROJECT

Infrastructure Development at IIIT Sri City  
Chittoor

#### CLIENT

Indian Institute of Information Technology  
Sri City, Chittoor

Andhra Pradesh

#### ARCHITECT

**ADPL**

Aadharshila Designs Pvt. Ltd.

B - 4/124, L. G. F., Safdarjung Enclave, New Delhi - 110029.  
Tel : +91 11 26100433 - 6, Fax : +91 11 26177678,  
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#### DRAWING TITLE

SCHEDULE OF FINISHES

MAIN ENTRANCE GATE COMPLEX

#### DATE

10.05.2024

#### SCALE

NTS @ A3

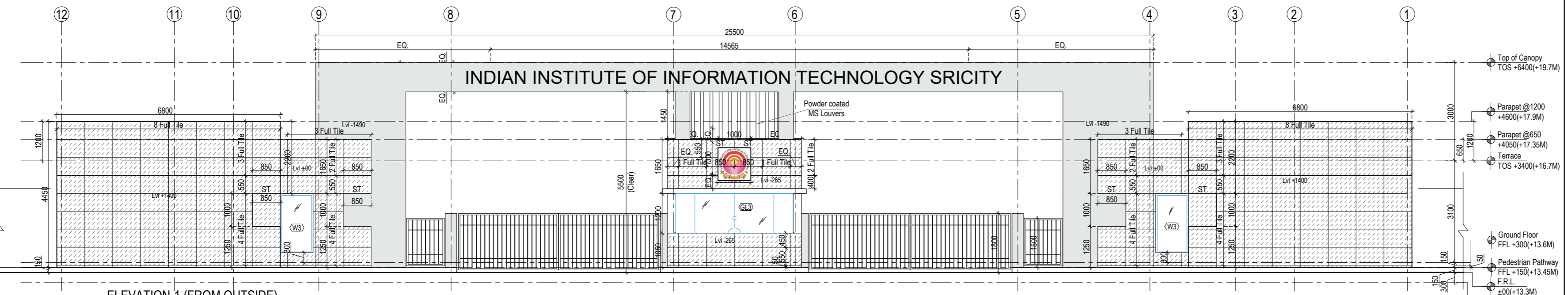
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R1

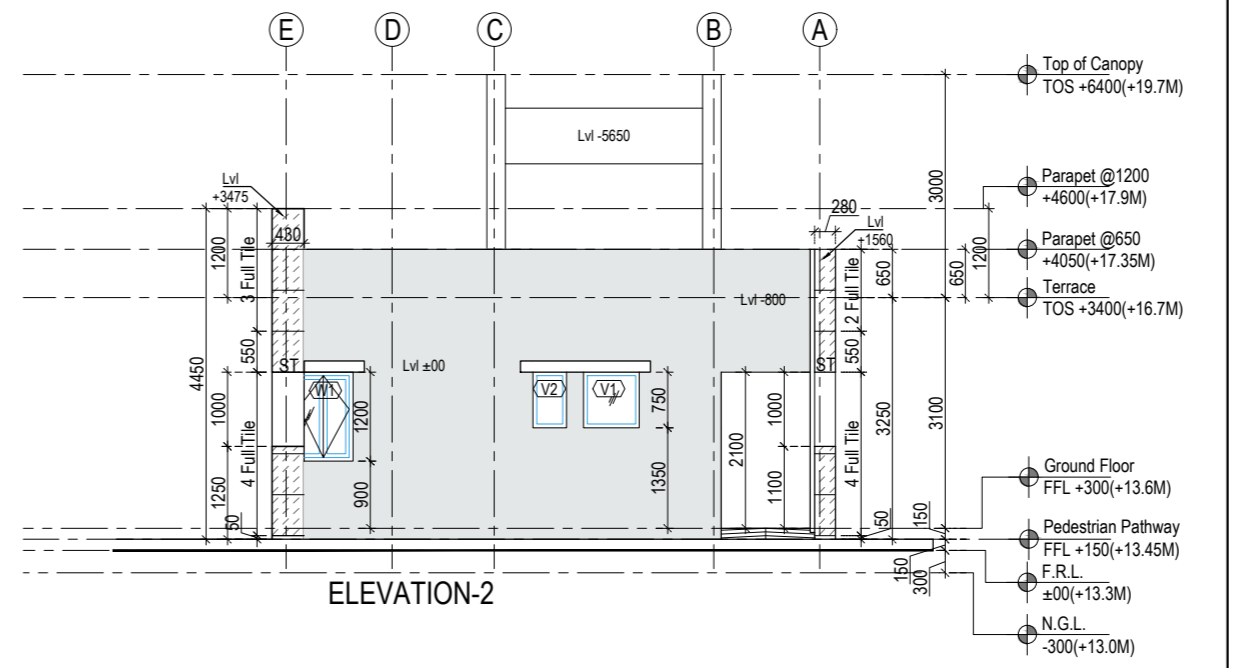
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IIITS / MG / TD / AR-111

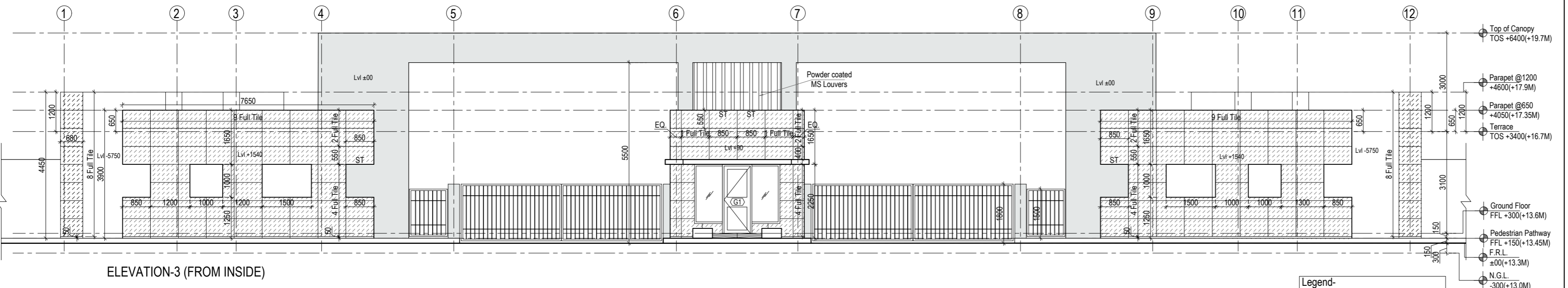
TENDER STAGE DRAWINGS



ELEVATION-1 (FROM OUTSIDE)



ELEVATION-2



ELEVATION-3 (FROM INSIDE)

Legend-

Tag	Width	Height	Sill	Lintel
D1	750	2100	0	2100
D2	800	2100	0	2100
D3	900	2100	0	2100
D3G	900	2100	0	2100

Ventilator-

V1	750	750	1350	2100
V2	450	750	1350	2100

Window-

W1	750	1200	900	2100
W2	900	1200	900	2100
W3	1000	1800	300	2100
W4	1200	1200	900	2100

Glazing-

GL1	2600	1800	300	2100
GL2	2400	1800	300	2100
GL3	870+	870+	1000	1100
	3475+	870		

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REVISIONS:

SL.	DATE	DESCRIPTION
R1	18.06.2024	Stone cladding sizes & thickness optimized. Parapet wall height optimized to accommodate the stone cladding sizes.
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

- Legend-
- Dry stone cladding with 30mm Thick Dhoolpur Pink stone as per approved sample
  - Natural mineral Based non pigmented texture paint as per approved sample

ELECTRICAL CONSULTANT  
**SV Intense Engineering Infrastructure Pvt. Ltd.**  
 Velachery, Chennai - 600042

PLUMBING & FIRE-FIGHTING CONSULTANT  
**Behera & Associates**  
 F-623A, Lado Sarai, Behind CNG Station, New Delhi

HVAC CONSULTANT  
**Abid Husain Consultants**  
 LG-182, Jeevan Prakash Apartment, 16A, Okhla, New Delhi

STRUCTURAL CONSULTANT  
**Jehovaking Engineering Consultants Pvt. Ltd.**  
 6th Cross Street, Lakshmi Nagar, Porur, Chennai - 600116

PROJECT  
**Infrastructure Development at IIIT Sri City  
 Chittoor**

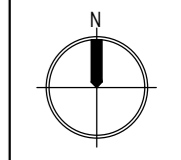
CLIENT  
**Indian Institute of Information Technology  
 Sri City, Chittoor**  
 Andhra Pradesh

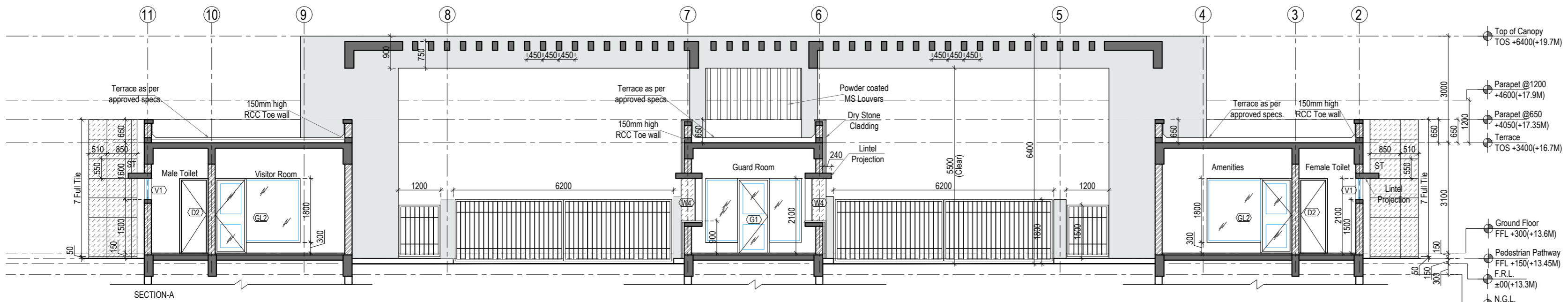
ARCHITECT  
**AADHARSHILA DESIGNS PVT. LTD.**  
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 B - 4/124, L. G. F., Safdarjung Enclave, New Delhi - 110029.  
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DRAWING TITLE <b>ELEVATIONS</b>		REV. <b>R1</b>
MAIN ENTRANCE GATE COMPLEX		
DATE 01.06.2024	SCALE 1:100@A2	
DRAWING NO. IIITS / MG / TD / AR-201		

TENDER STAGE DRAWINGS





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REVISIONS:

SL.	DATE	DESCRIPTION
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-	-	-
-	-	-

Legend-

- Dry stone cladding with 30mm Thick Dholpur Pink stone as per approved sample
- Natural mineral Based non pigmented texture paint as per approved sample

ELECTRICAL CONSULTANT  
**SV Intense Engineering Infrastructure Pvt. Ltd.**  
 Velachery, Chennai - 600042

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 F-623A, Lado Sarai, Behind CNG Station, New Delhi

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 LG-182, Jeevan Prakash Apartment, 16A, Okhla, New Delhi

STRUCTURAL CONSULTANT  
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 6th Cross Street, Lakshmi Nagar, Porur, Chennai - 600116

PROJECT  
**Infrastructure Development at IIIT Sri City Chittoor**

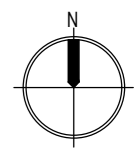
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**Indian Institute of Information Technology Sri City, Chittoor**  
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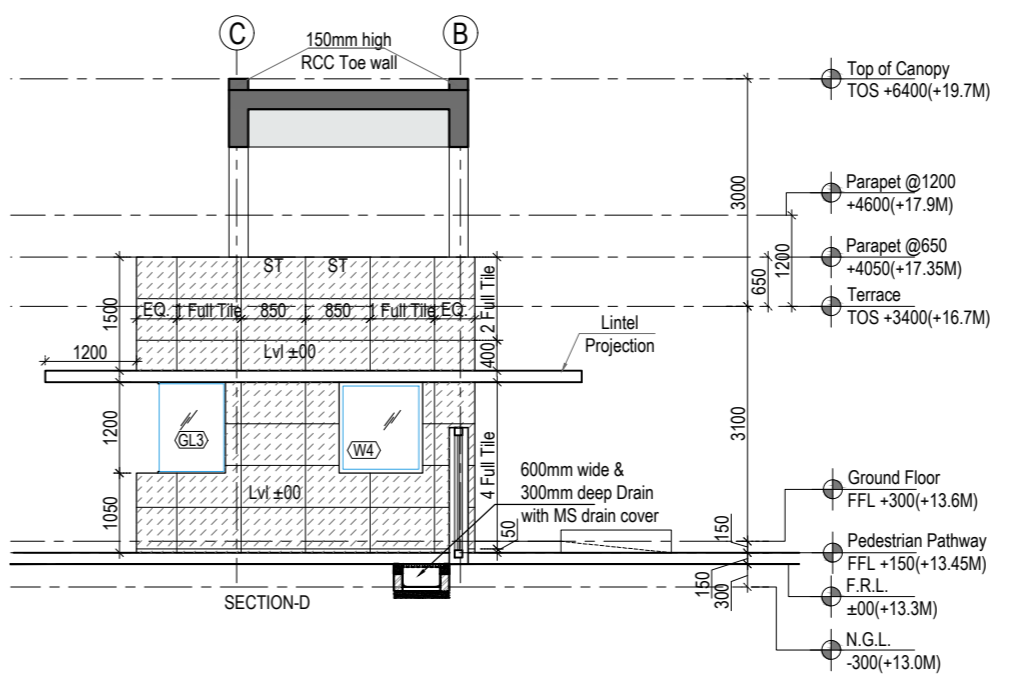
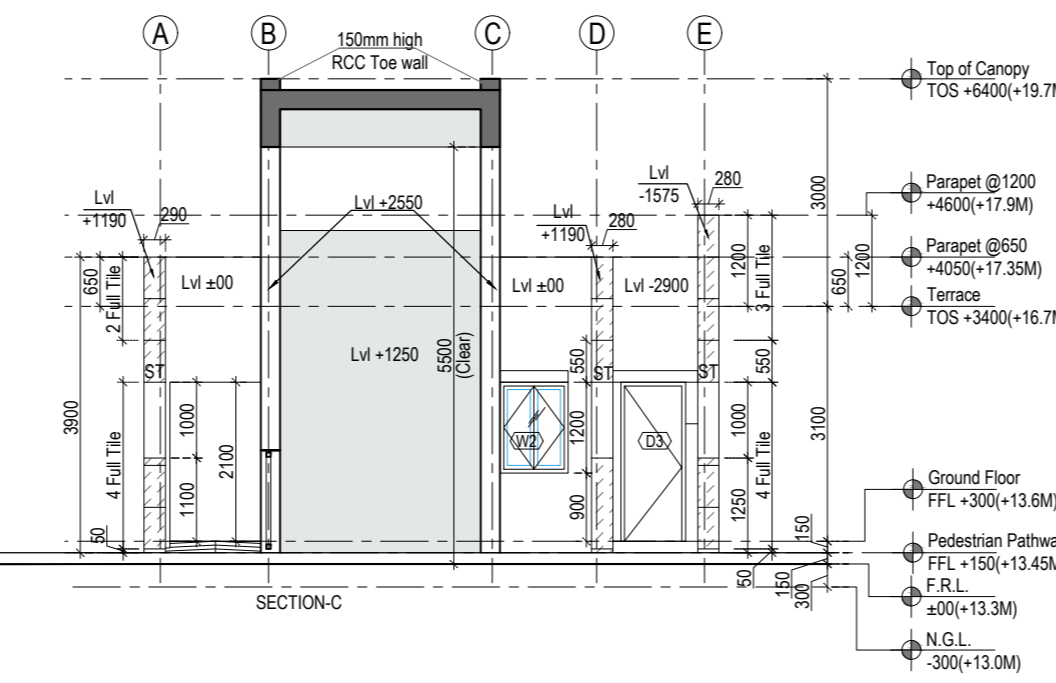
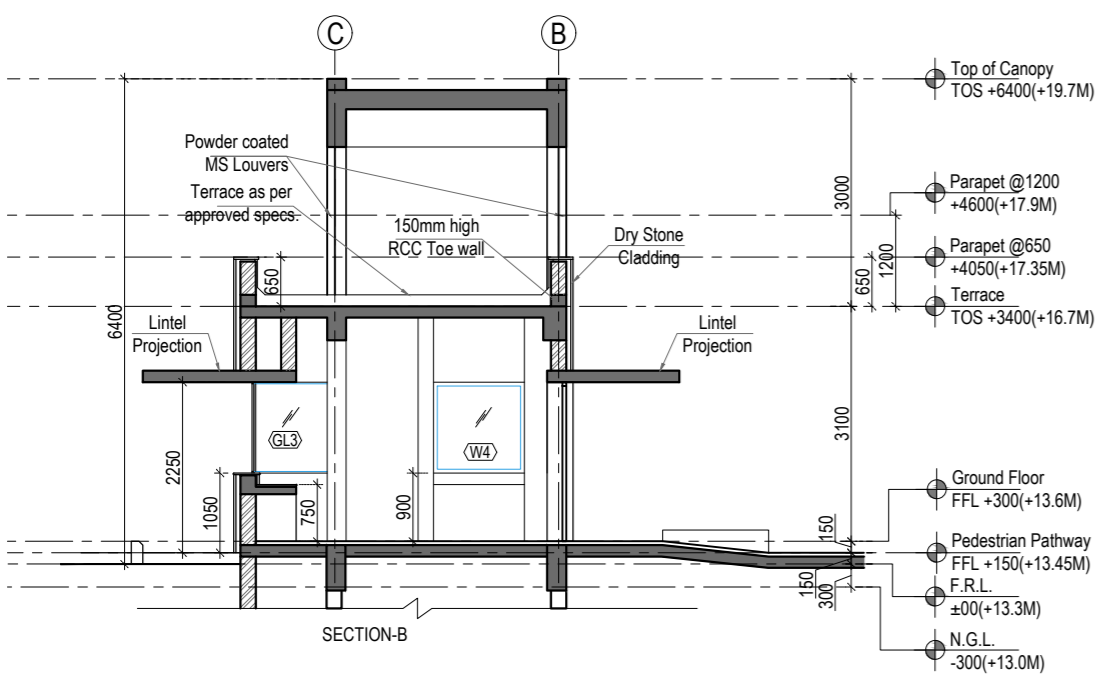
ARCHITECT



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 B - 4/124, L. G. F., Safdarjung Enclave, New Delhi - 110029.  
 Tel: +91 11 26100433 - 6, Fax: +91 11 26177678,  
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DRAWING TITLE		 <b>SECTIONS</b>
<b>MAIN ENTRANCE GATE COMPLEX</b>		
DATE	SCALE	REV.
10.05.2024	1:100@A2	
DRAWING NO.		<b>R0</b>
<b>IIITS / MG / TD / AR-301</b>		



Legend-

Tag	Width	Height	Sill	Lintel
D1	750	2100	0	2100
D2	800	2100	0	2100
D3	900	2100	0	2100
D3G	900	2100	0	2100

Ventilator-

V1	750	750	1350	2100
V2	450	750	1350	2100

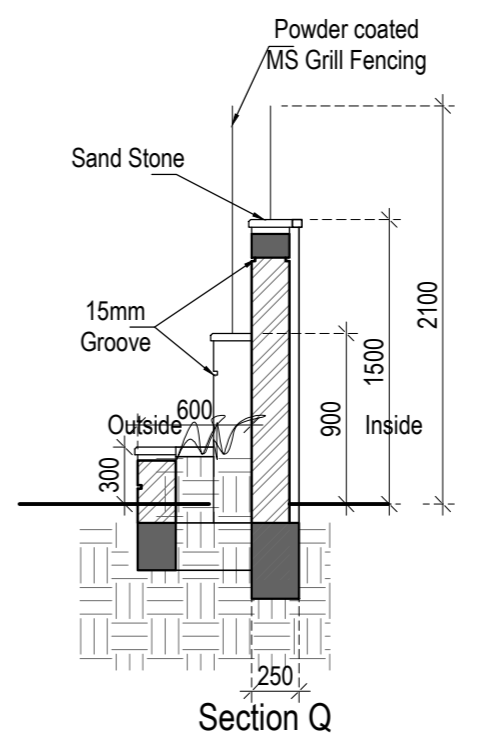
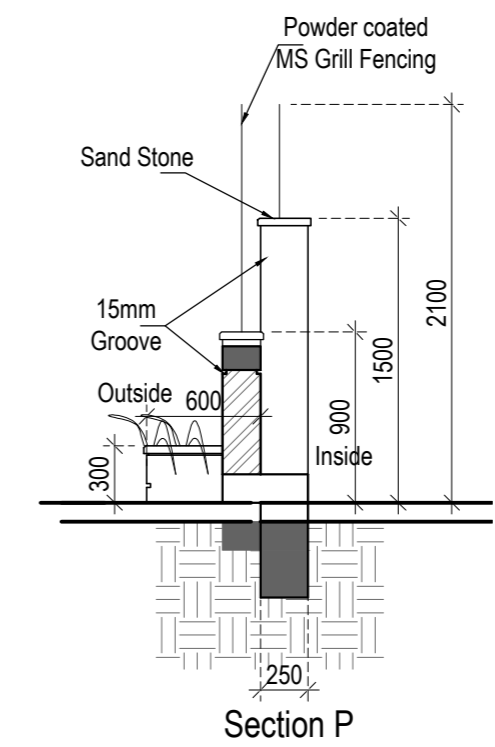
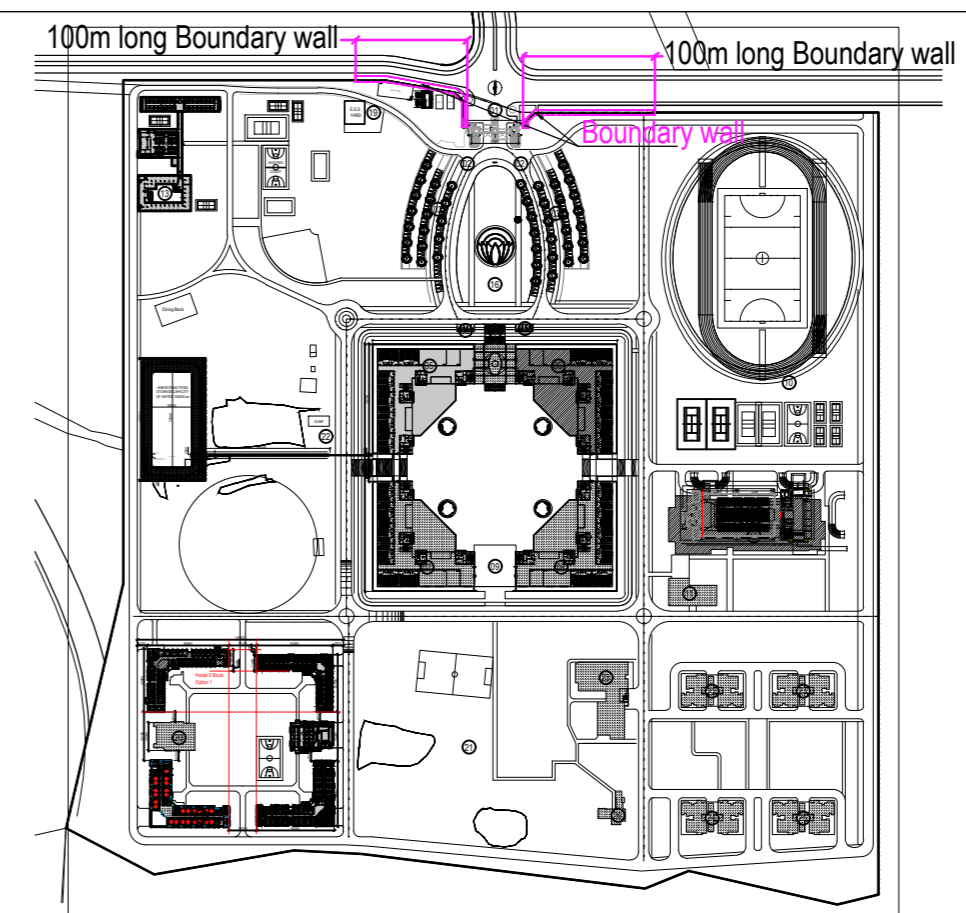
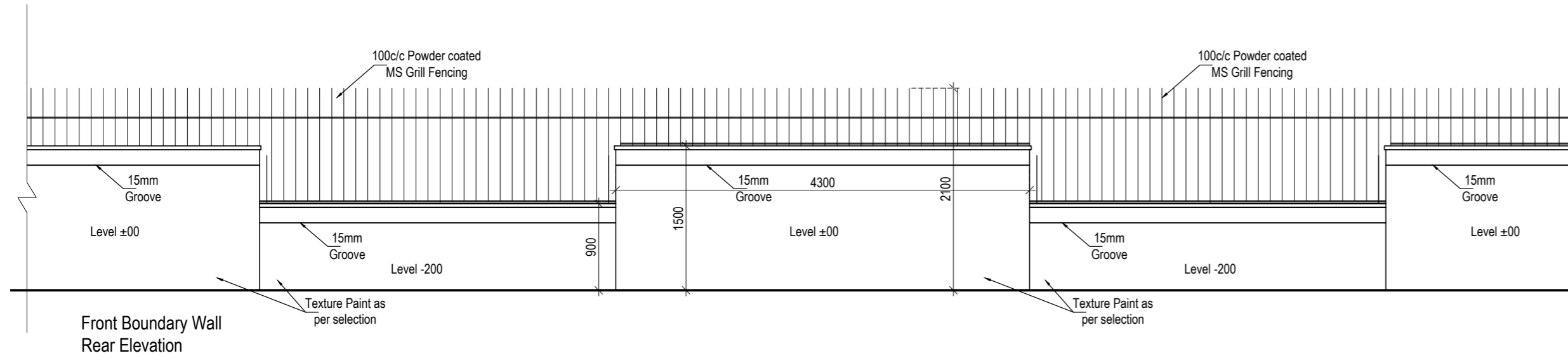
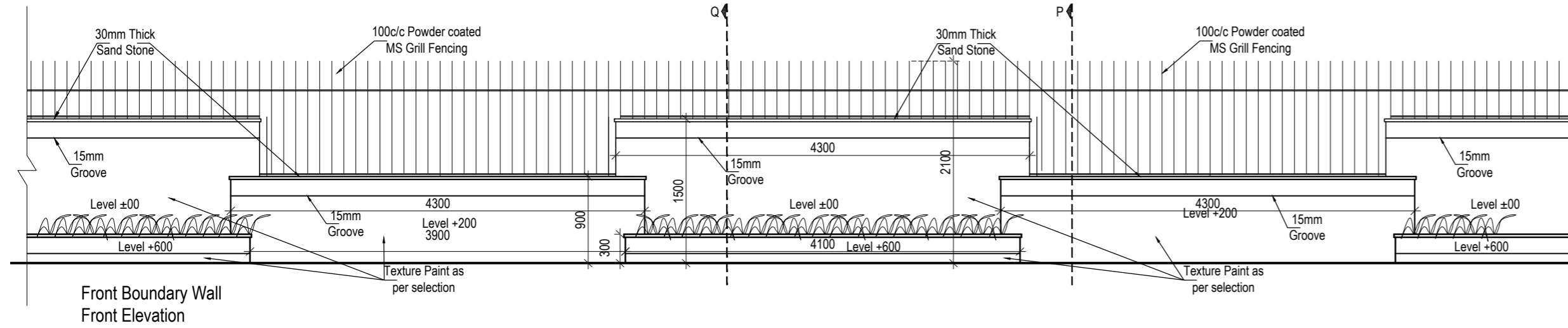
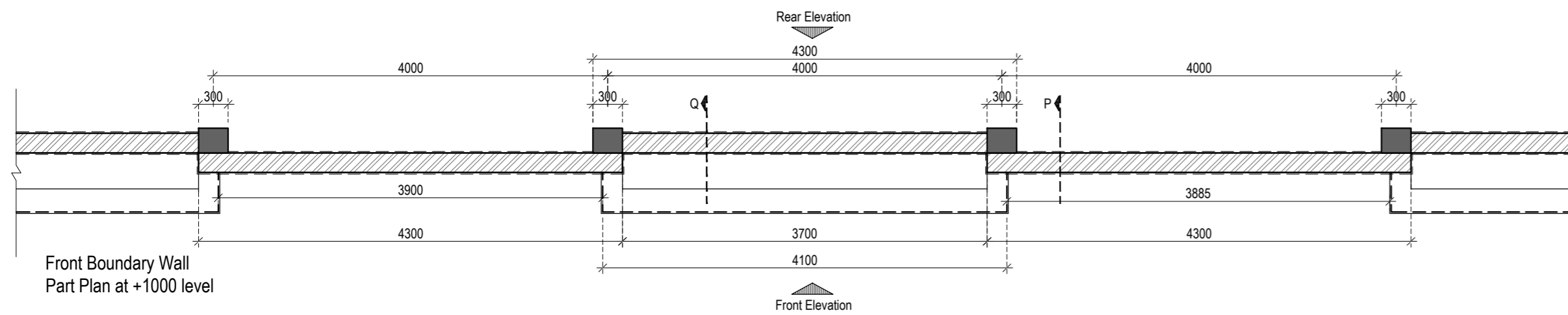
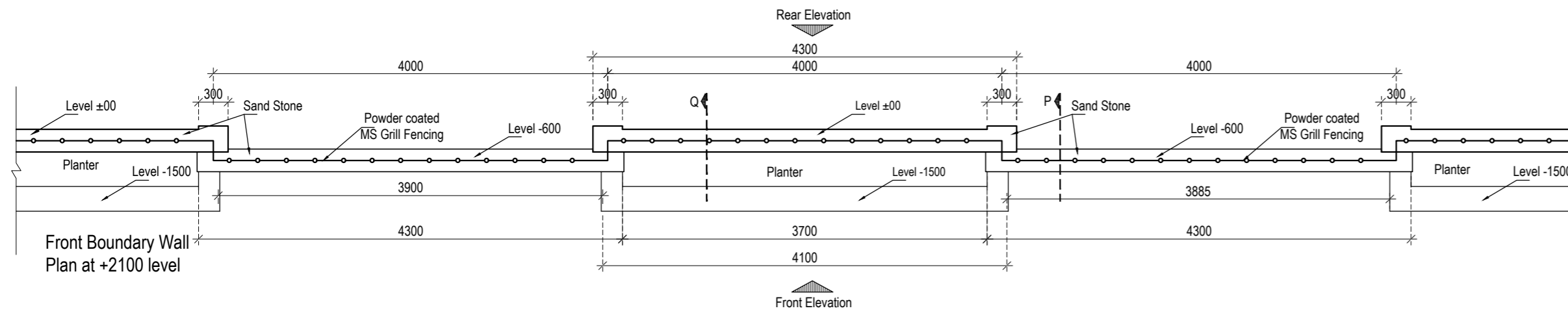
Window-

W1	750	1200	900	2100
W2	900	1200	900	2100
W3	1000	1800	300	2100
W4	1200	1200	900	2100

Glazing-

GL1	2600	1800	300	2100
GL2	2400	1800	300	2100
GL3	870+3475+870	1000	1100	2100

TENDER STAGE DRAWINGS



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REVISIONS:

SL.	DATE	DESCRIPTION
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

ELECTRICAL CONSULTANT  
**SV Intense Engineering Infrastructure Pvt. Ltd.**  
 Velachery, Chennai - 600042

PLUMBING & FIRE-FIGHTING CONSULTANT  
**Behera & Associates**  
 F-623A, Lado Sarai, Behind CNG Station, New Delhi

HVAC CONSULTANT  
**Abid Husain Consultants**  
 LG-182, Jeevan Prakash Apartment, 16A, Okhla, New Delhi

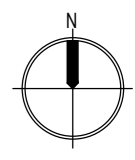
STRUCTURAL CONSULTANT  
**Jehovaking Engineering Consultants Pvt. Ltd.**  
 6th Cross Street, Lakshmi Nagar, Porur, Chennai - 600116

PROJECT  
**Infrastructure Development at IIT Sri City  
 Chittoor**

CLIENT  
**Indian Institute of Information Technology  
 Sri City, Chittoor**  
 Andhra Pradesh

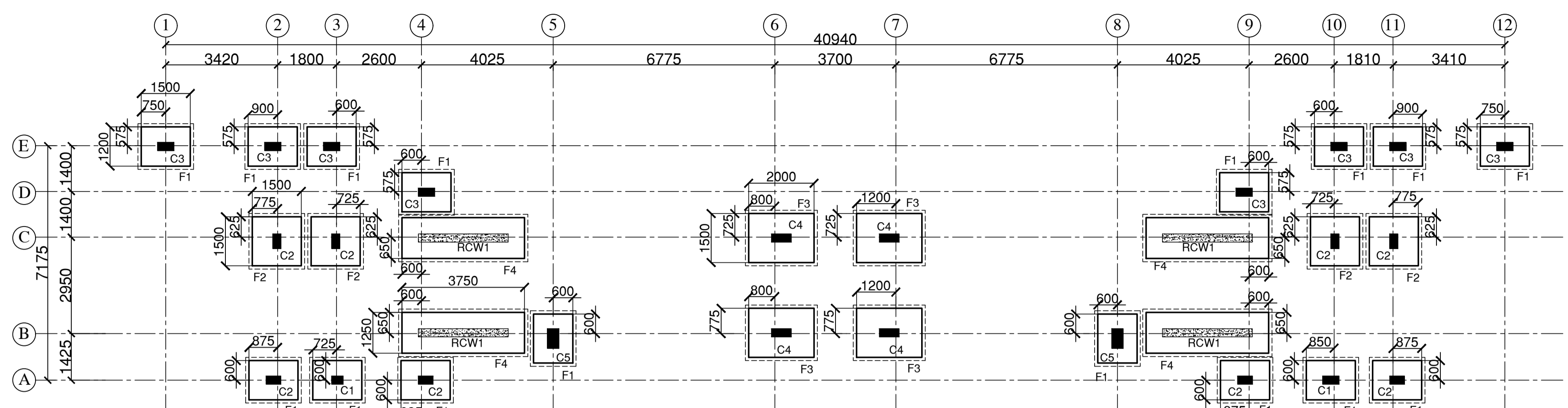
ARCHITECT  
**AADHARSHILA DESIGNS  
 Pvt. Ltd.**  
 B - 4/124, L. G. F., Safdarjung Enclave, New Delhi - 110029.  
 Tel: +91 11 26100433 - 6, Fax: +91 11 26177678,  
 E-mail: adpl@adpl.in

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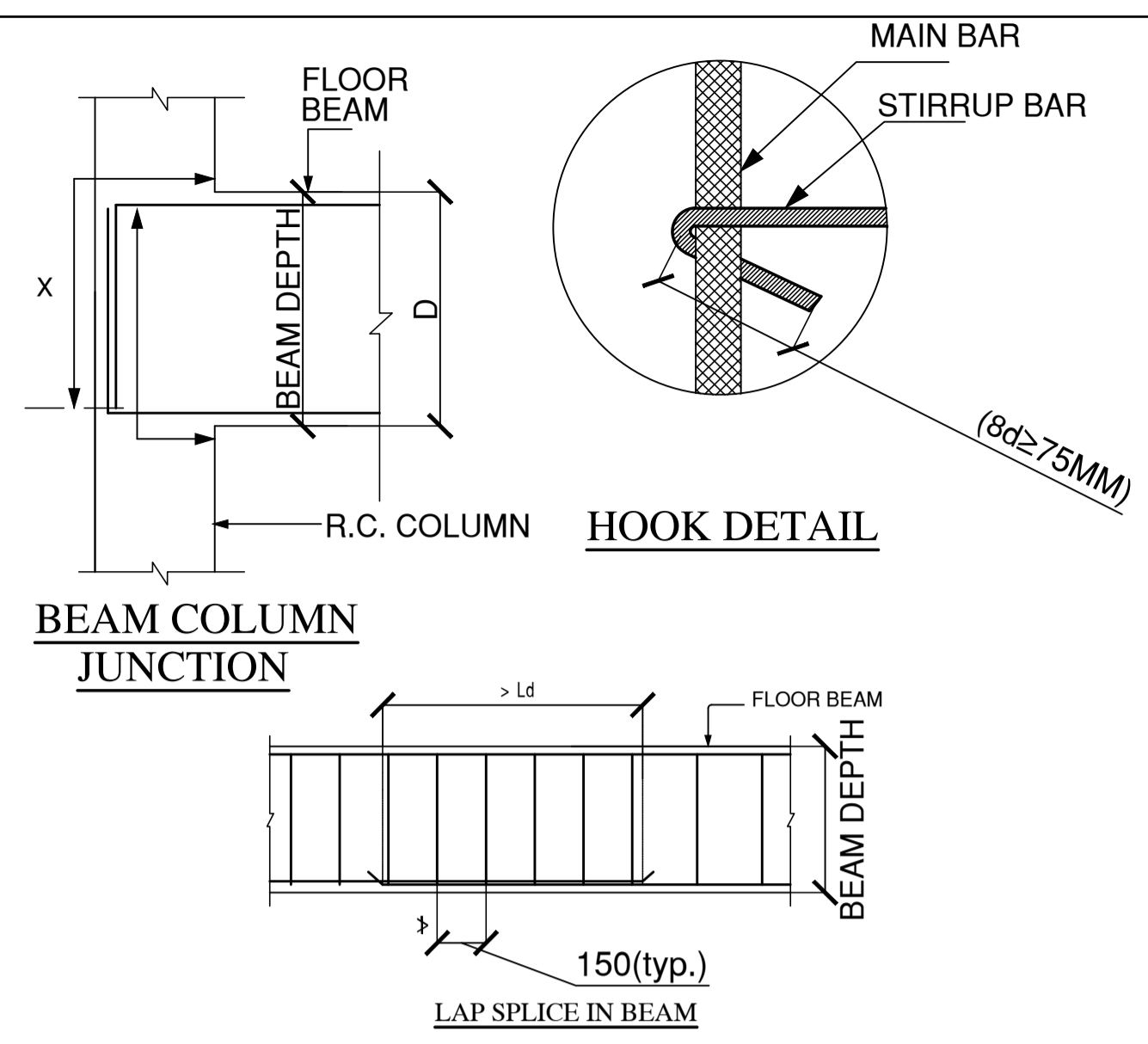
DRAWING TITLE <b>FRONT BOUNDARY WALL TYPICAL DETAILS</b>		 REV. <b>R0</b>
DATE 09.07.2024	SCALE 1:50 @ A2	
DRAWING NO. IIITS / MG / TD / AR-501		

TENDER STAGE DRAWINGS



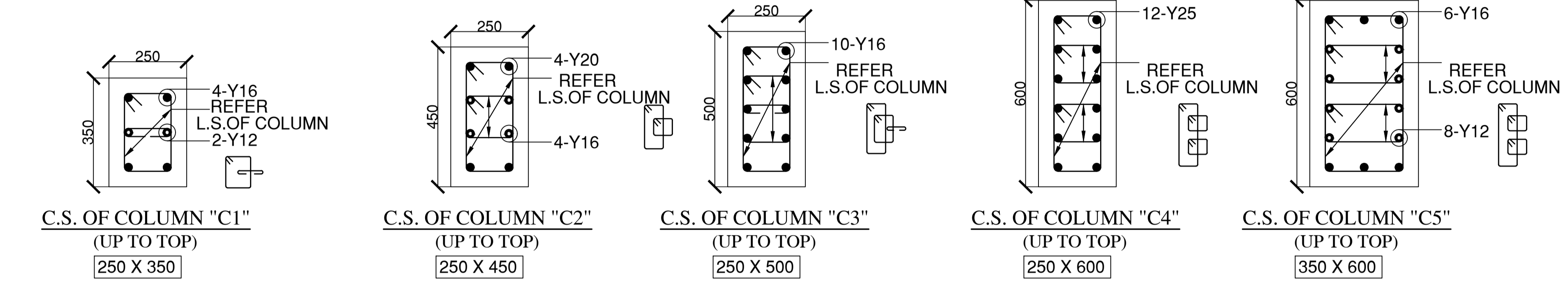


LAYOUT OF FOOTINGS & COLUMNS



BEAM COLUMN JUNCTION

HOOK DETAIL



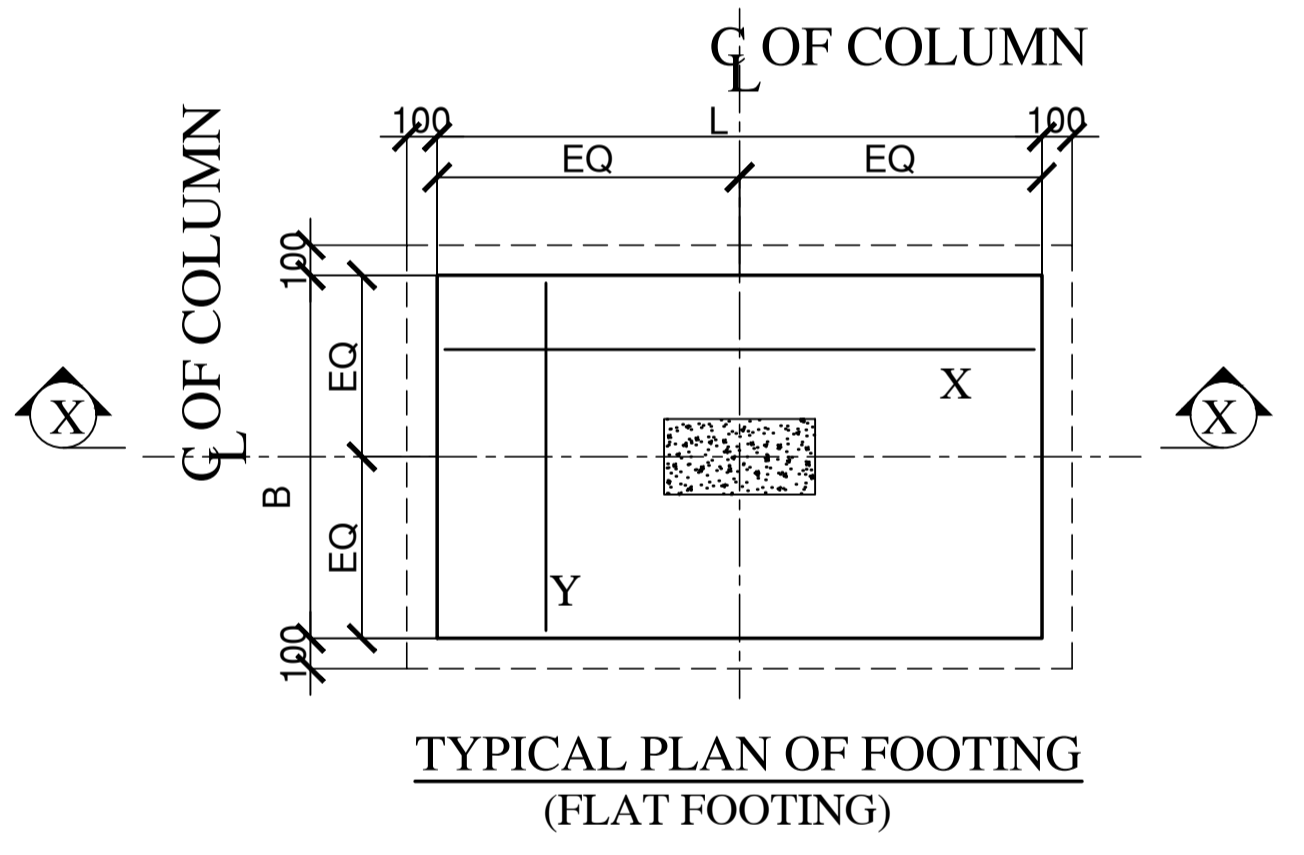
C.S. OF COLUMN "C1" (UP TO TOP) 250 X 350

C.S. OF COLUMN "C2" (UP TO TOP) 250 X 450

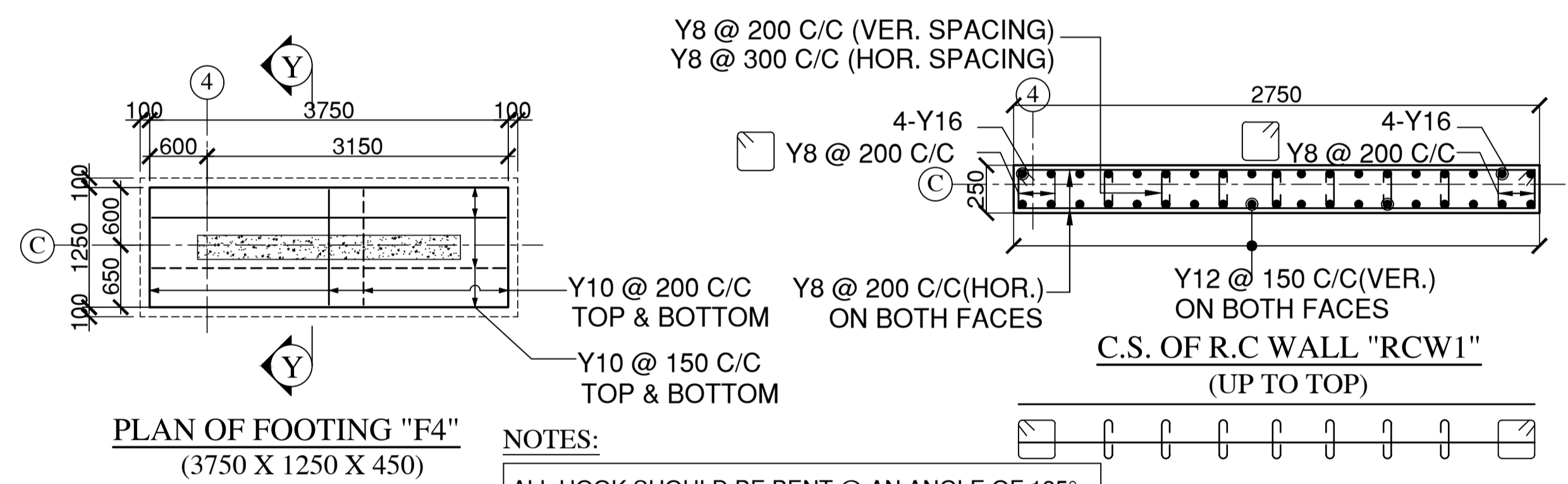
C.S. OF COLUMN "C3" (UP TO TOP) 250 X 500

C.S. OF COLUMN "C4" (UP TO TOP) 250 X 600

C.S. OF COLUMN "C5" (UP TO TOP) 350 X 600



TYPICAL PLAN OF FOOTING (FLAT FOOTING)



PLAN OF FOOTING "F4" (3750 X 1250 X 450)

NOTES:  
 ALL HOOK SHOULD BE BENT @ AN ANGLE OF 135° WITH A LENGTH NOT LESS THAN 8d ≥ 75MM  
 WHEREVER LAP SPLICES AND CONFINING TIES ARE NOT REQUIRED, SPACING OF LATERAL TIES SHALL BE Y8 @ 200 C/C.  
 \* AS PER SITE CONDITION

LEGEND:

D - DEPTH OF THE BEAM  
 X - ANCHORAGE LENGTH

R.C WALL SCHEDULE:

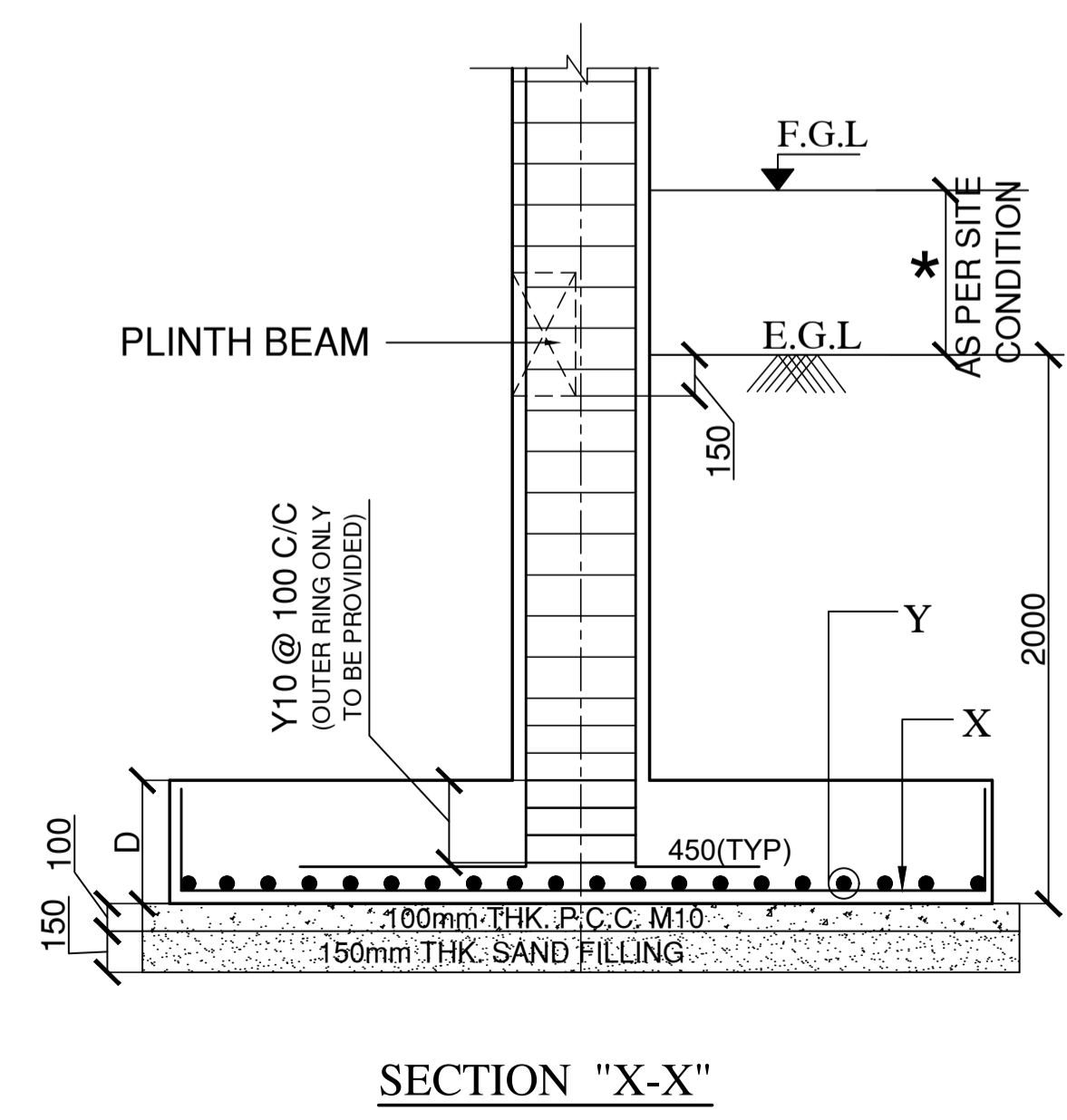
S.NO.	NAME	SIZE	NOS
01.	RCW1	250 x 2750	04

FOOTING SCHEDULE

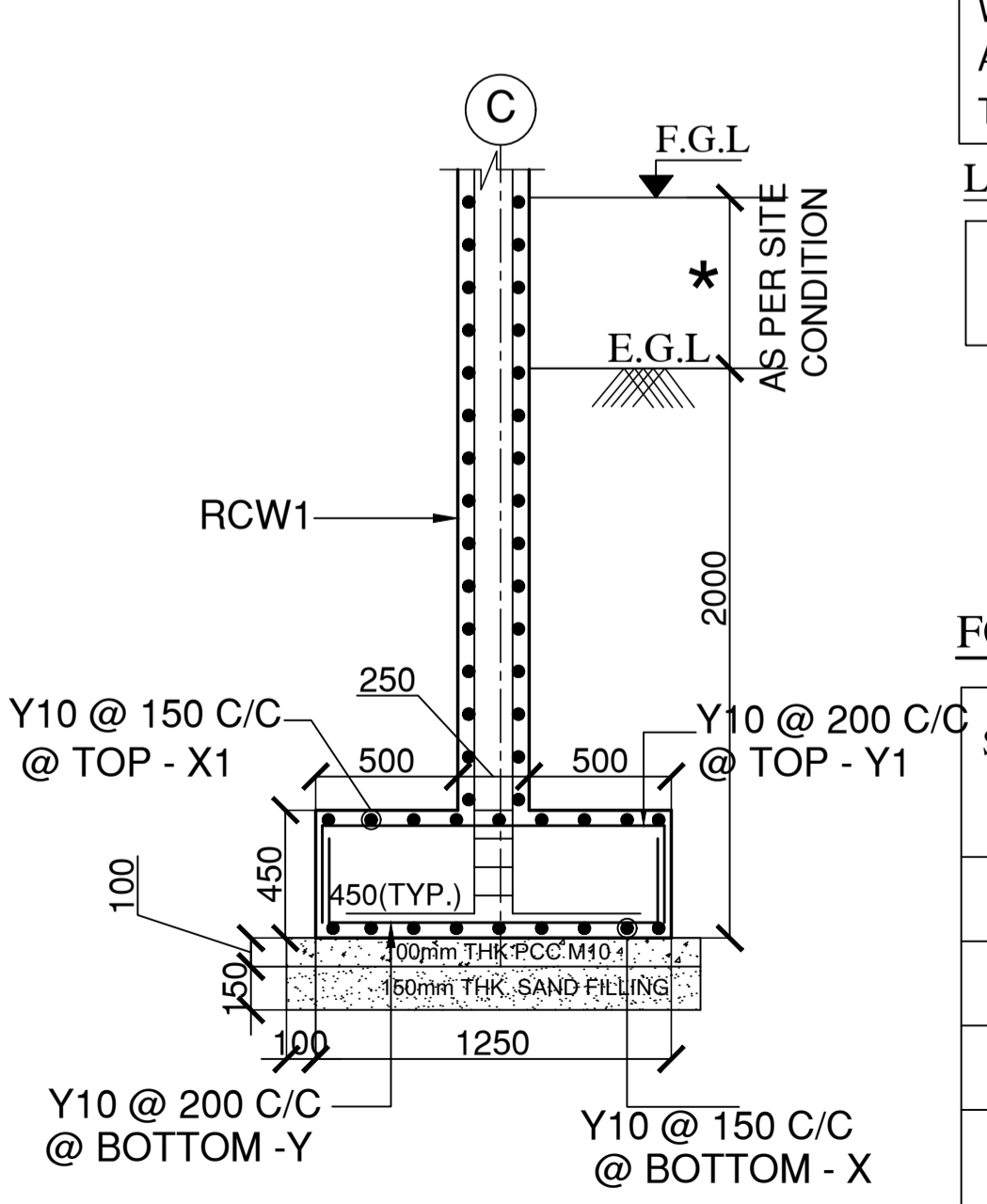
S.NO.	FOOTING NAME	FOOTING SIZE LxB	FOOTING REINFORCEMENT X = LONGER DIRECTION Y = SHORTER DIRECTION	NO.OF FOOTINGS
01.	F1	1500 x 1200 D = 450	X = Y10 @ 150 C/C Y = Y10 @ 200 C/C	16
02.	F2	1500 x 1500 D = 450	Y10 @ 150 C/C BOTHWAYS	04
03.	F3	2000 x 1500 D = 450	X = Y10 @ 150 C/C Y = Y10 @ 200 C/C	04
04.	F4	3750 x 1250 D = 450	X = Y10 @ 150 C/C @ BOTTOM Y = Y10 @ 200 C/C @ BOTTOM X1 = Y10 @ 150 C/C @ TOP Y1 = Y10 @ 200 C/C @ TOP	04
TOTAL				28

COLUMN SCHEDULE:

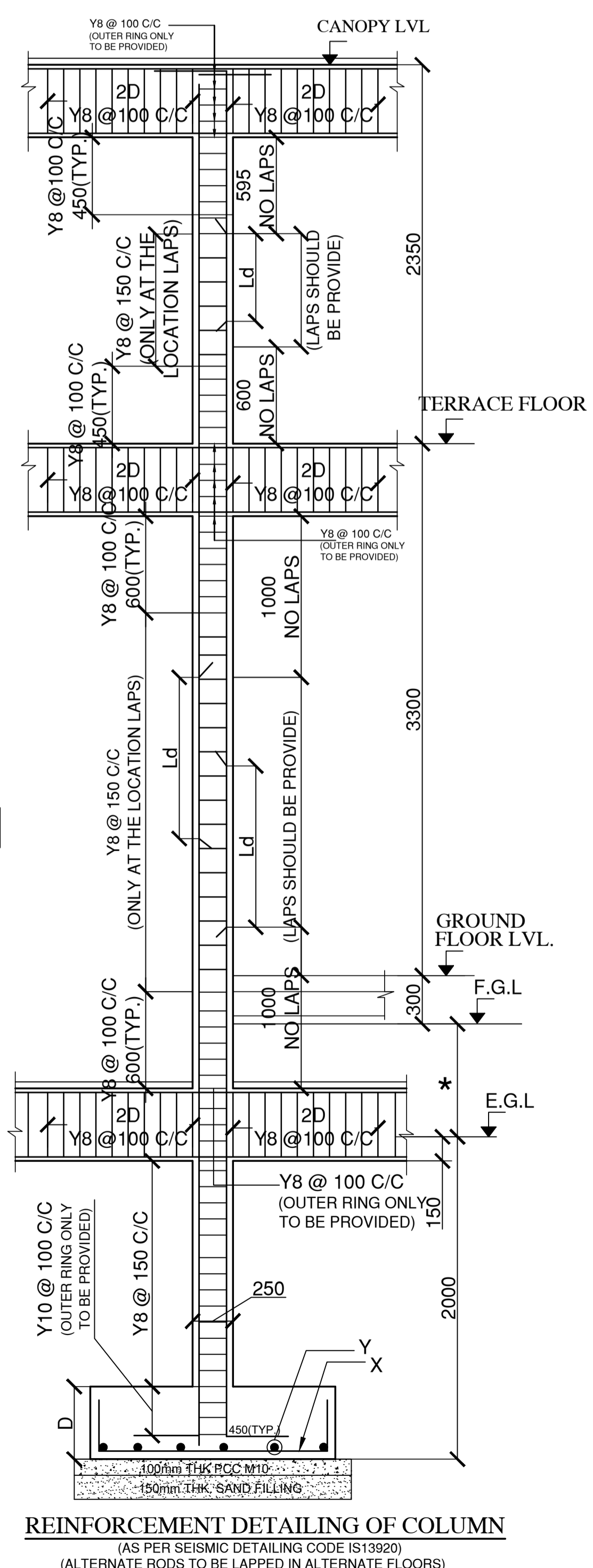
S.NO.	NAME	SIZE	NOS	
01.	C1	250 x 350	02	
02.	C2	250 x 450	08	
03.	C3	250 x 500	08	
04.	C4	250 x 600	04	
05.	C5	300 x 600	02	
TOTAL				24



SECTION "X-X"



SECTION "Y-Y"



REINFORCEMENT DETAILING OF COLUMN (AS PER SEISMIC DETAILING CODE IS13920) (ALTERNATE RODS TO BE LAPPED IN ALTERNATE FLOORS)

GENERAL NOTES:  
 1. ALL DIMENSIONS ARE IN mm AND LEVELS ARE IN METRES.  
 2. ONLY WRITTEN DIMENSION TO BE FOLLOWED.  
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 4. ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / PROMOTER / BUILDER / OWNER.  
 5. ANY DISCREPANCIES NOTICED IN THE DRG. SHALL BE BROUGHT TO OUR NOTICE IMMEDIATELY.  
 6. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH THE LATEST ARCHITECTURAL DRAWINGS.  
 7. GRADE OF CONCRETE SHALL CONFIRM TO IS 456 : 2000  
 ALL R.C.C COMPONENTS - M30  
 8. CLEAR COVER TO REINFORCEMENT.  
 a) R.C. COLUMN & PEDESTAL = 40mm b) R.C.WALL = 25mm  
 c) FOOTING = 50mm d) PLINTH BEAM = 30mm  
 9. "Y" DENOTES HIGH STRENGTH DEFORMED BARS [FE500D] CONFIRMING TO IS 1786 : 2008  
 10. DEVELOPMENT LENGTH (Ld) SHALL BE AS PER (SP-34-1999) TABLE BELOW:  
 DEVELOPMENT LENGTH FOR COLUMNS = 37d  
 DEVELOPMENT LENGTH FOR BEAMS = 46d  
 10. SBC OF THE SOIL IS TAKEN AS 150kN / SQ.M AT 2m BELOW E.G.L.  
 11. COLUMNS & FOOTINGS ARE DESIGNED FOR GROUND FLOOR LOAD ONLY  
 12. DETAILING OF REBARS SHALL CONFIRM TO SP-34 & IS 13920

REV.	DATE	REV. BY	DESCRIPTION
00	01.06.24	S.V	ISSUED FOR TENDER

REVISIONS

ELECTRICAL CONSULTANT:  
**SV Intense Engineering Infrastructure Pvt. Ltd.**  
 Velachery, Chennai - 600042

PLUMBING & FIRE-FIGHTING CONSULTANT  
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 6th cross street, Lakshmi nagar,  
 Porur, Chennai - 600 116

PROJECT  
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 Andhra Pradesh

ARCHITECTS:  
**ADPL Aadarshila Designs Pvt. Ltd.**  
 B - 4/124, L. G. F., Safdarjung Enclave, New Delhi - 110029.  
 Tel: +91 11 26100433 - 6, Fax: +91 11 26177678,  
 E-mail: adpl@adpl.in

STATUS:  
**TENDER STAGE DRAWINGS**

BUILDING/ BLOCK:  
**MAIN ENTRANCE GATE COMPLEX**

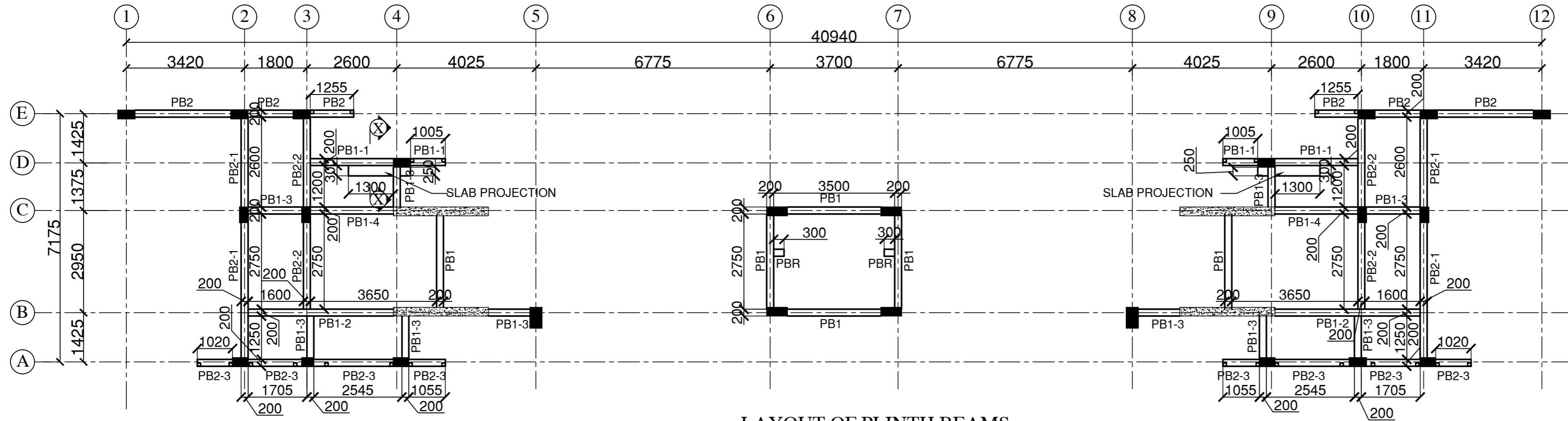
DRAWING TITLE  
**LAYOUT & R.C.DETAILS OF COLUMNS & FOOTINGS**

DATE: 01.06.24 SCALE: A1 = 1:100

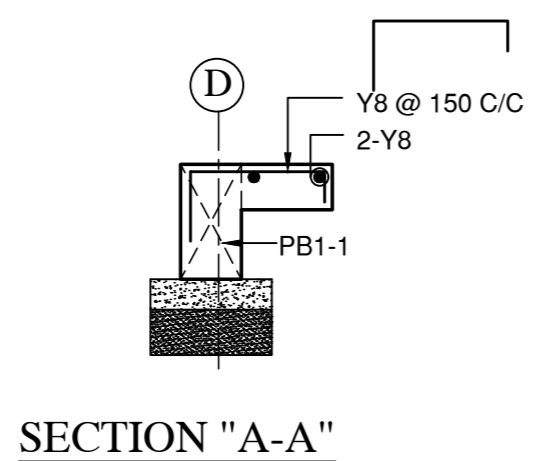
DRAWING No. **IIITS/MG/TD-ST-01** REV. **R0**

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LAYOUT OF PLINTH BEAMS



SECTION "A-A"

BEAM SCHEDULE		
S.NO.	NAME	SIZE
01.	PB1	200 x 380
02.	PB1-1	200 x 380
03.	PB1-2	200 x 380
04.	PB1-3	200 x 380
05.	PB1-4	200 x 380
06.	PB2	200 x 380
07.	PB2-1	200 x 380
08.	PB2-2	200 x 380
09.	PB2-3	200 x 380
10.	PBR	200 x 380

00	01.06.24	S.V	ISSUED FOR TENDER
REV.	DATE	REV. BY	DESCRIPTION

**REVISIONS**

ELECTRICAL CONSULTANT :  
**SV Intense Engineering Infrastructure Pvt. Ltd.**  
Velachery, Chennai - 600042

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**Behera & Associates**  
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**CLIENT :**  
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**ARCHITCTS :**  
**AAPL Aadarshila Designs Pvt. Ltd.**  
B - 4/124, L. G. F., Safdarjung Enclave, New Delhi - 110029.  
Tel: +91 11 26100433 - 6, Fax : +91 11 26177678,

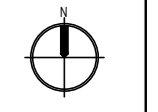
**STATUS :**  
**TENDER STAGE DRAWINGS**

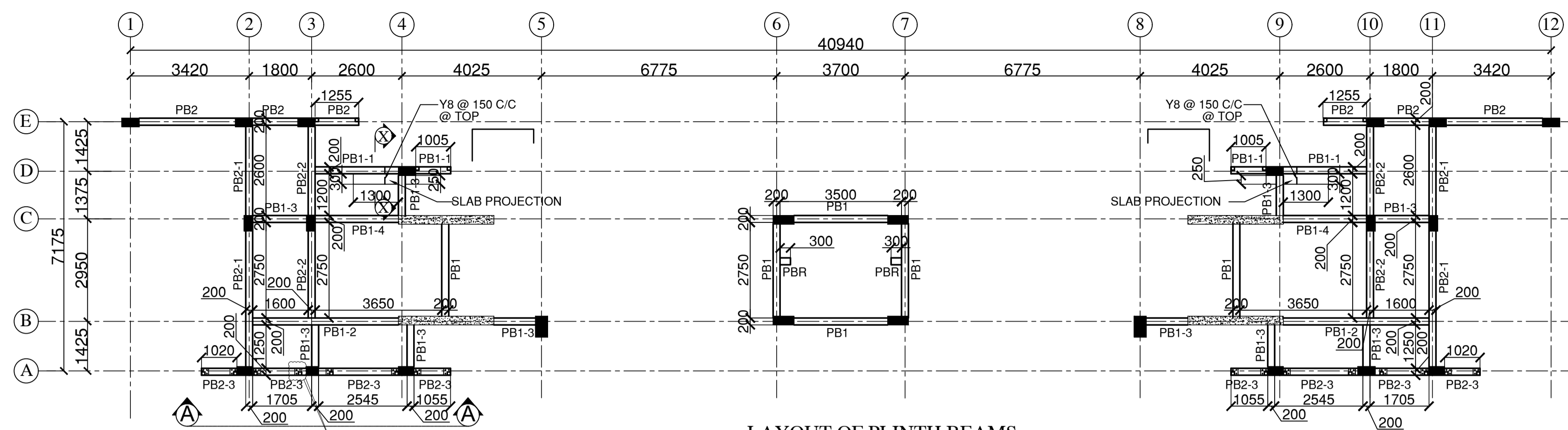
**BUILDING/ BLOCK:**  
MAIN ENTRANCE GATE COMPLEX

**DRAWING TITLE**  
LAYOUT OF PLINTH BEAMS

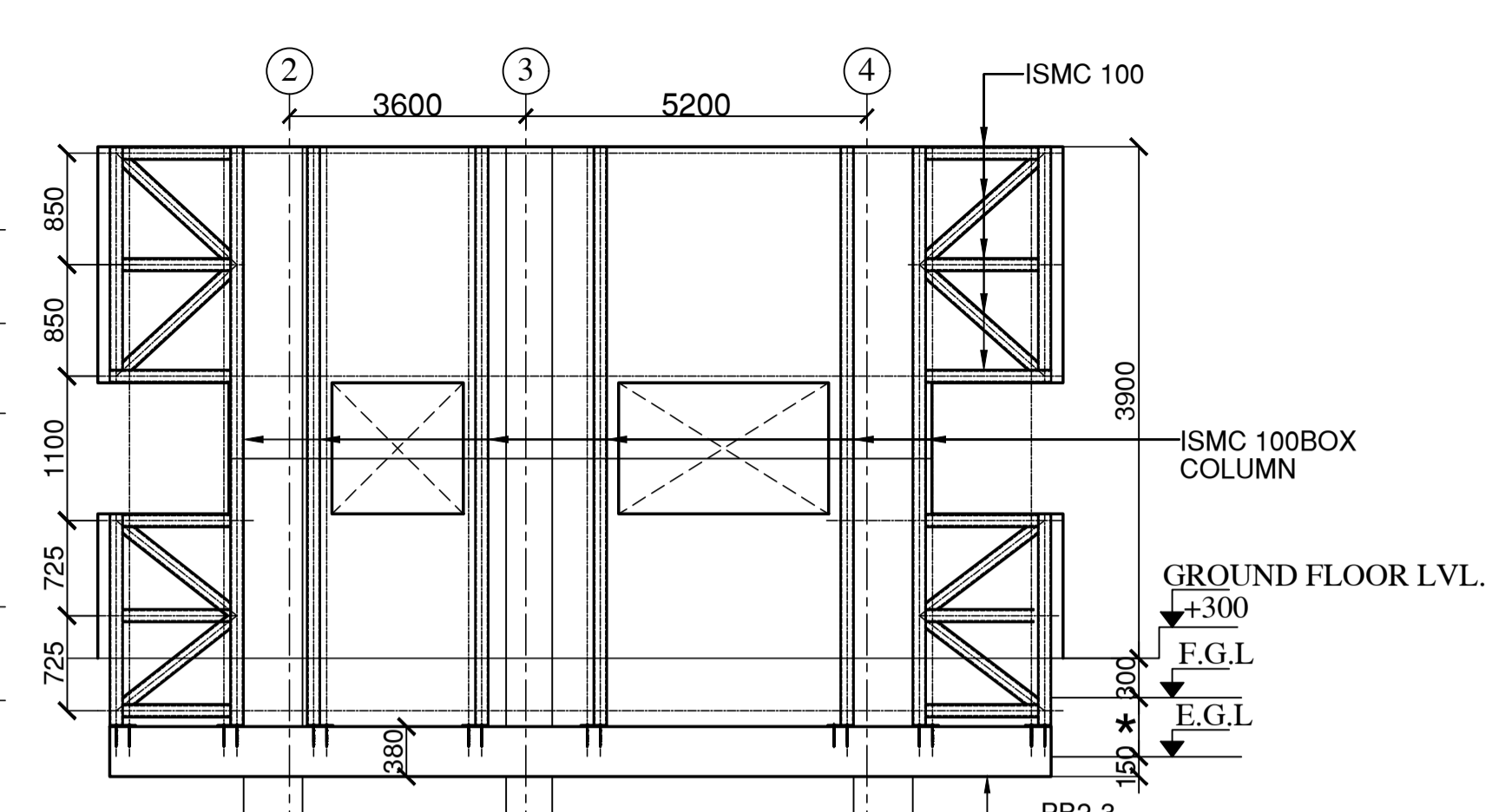
DATE : 01.06.24 SCALE A2 = 1:100

**DRAWING No.** IIITS/MG/TD/ST-02 **REV.** R0

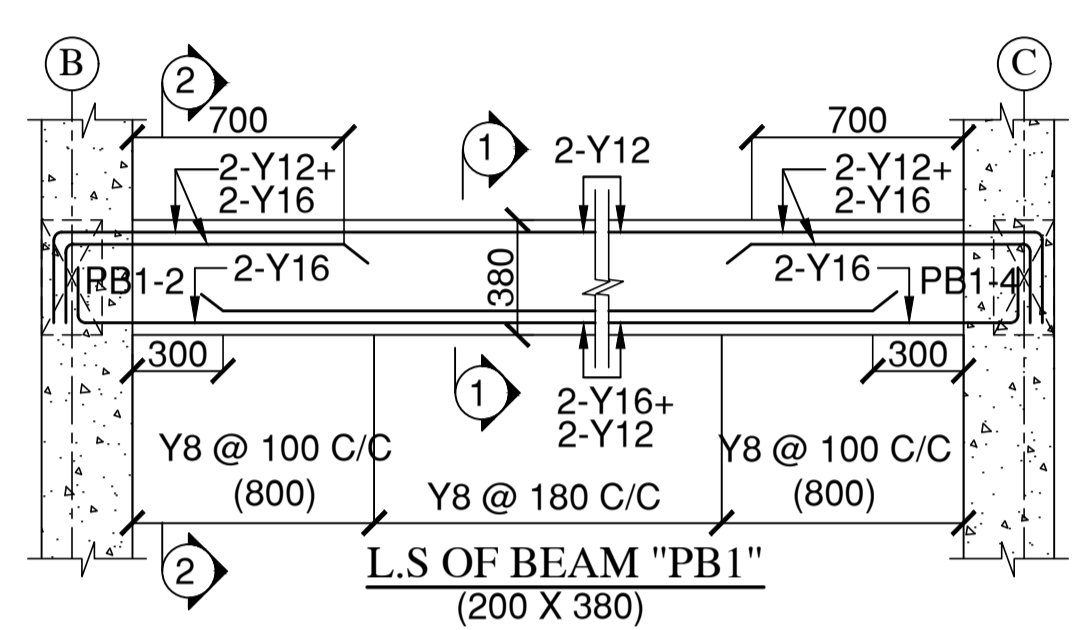




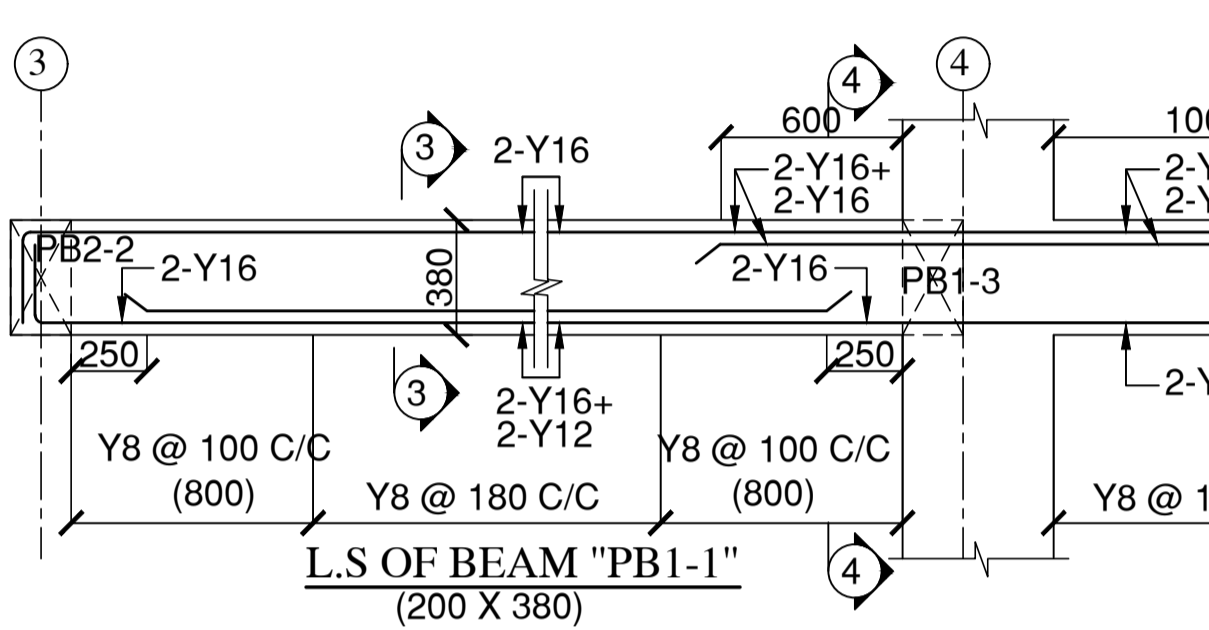
LAYOUT OF PLINTH BEAMS



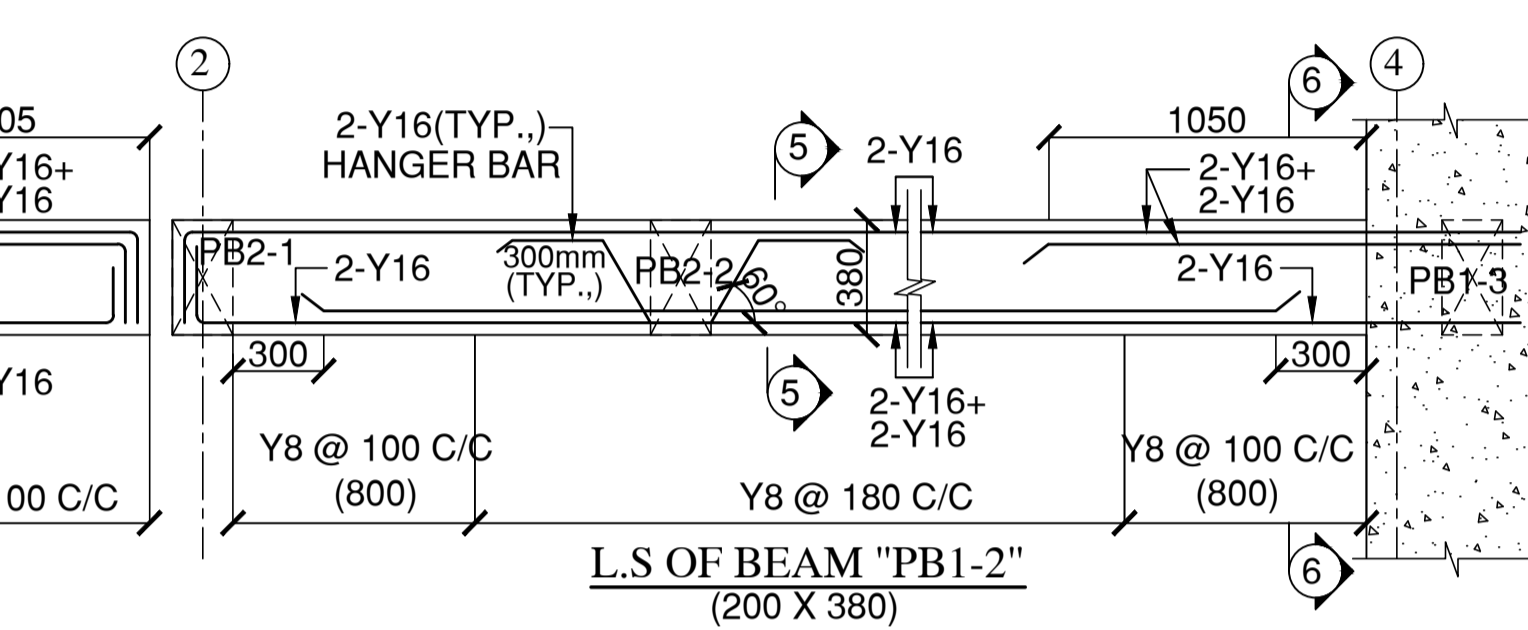
ELEVATION - "A"



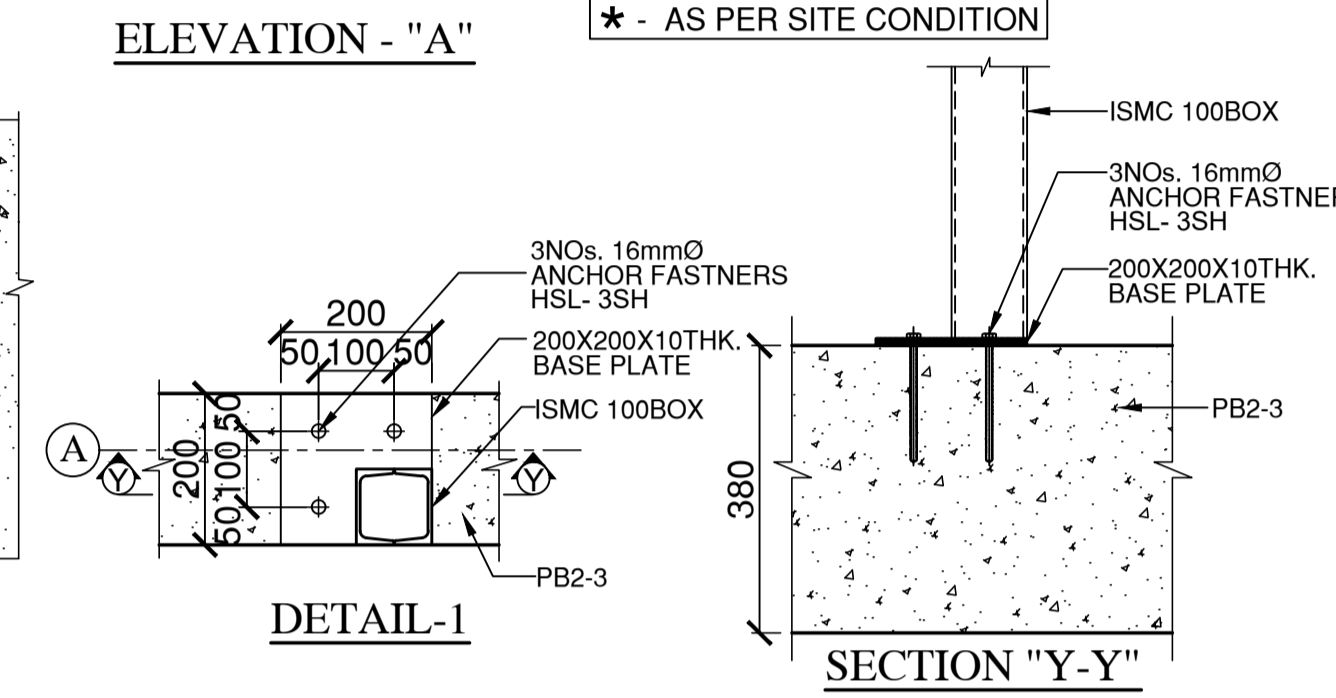
L.S OF BEAM "PB1"



L.S OF BEAM "PB1-1"

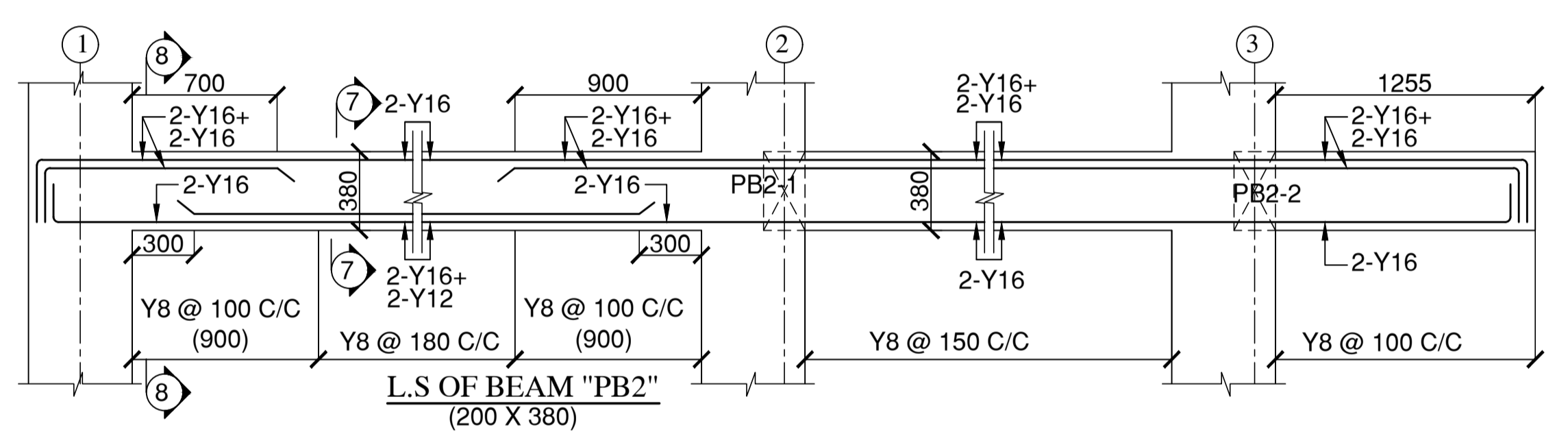


L.S OF BEAM "PB1-2"

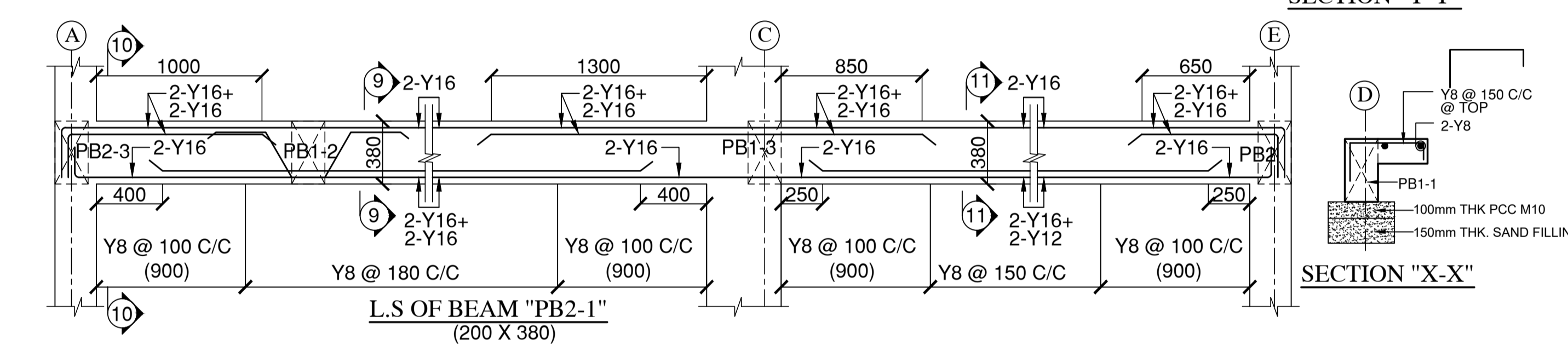


DETAIL-1

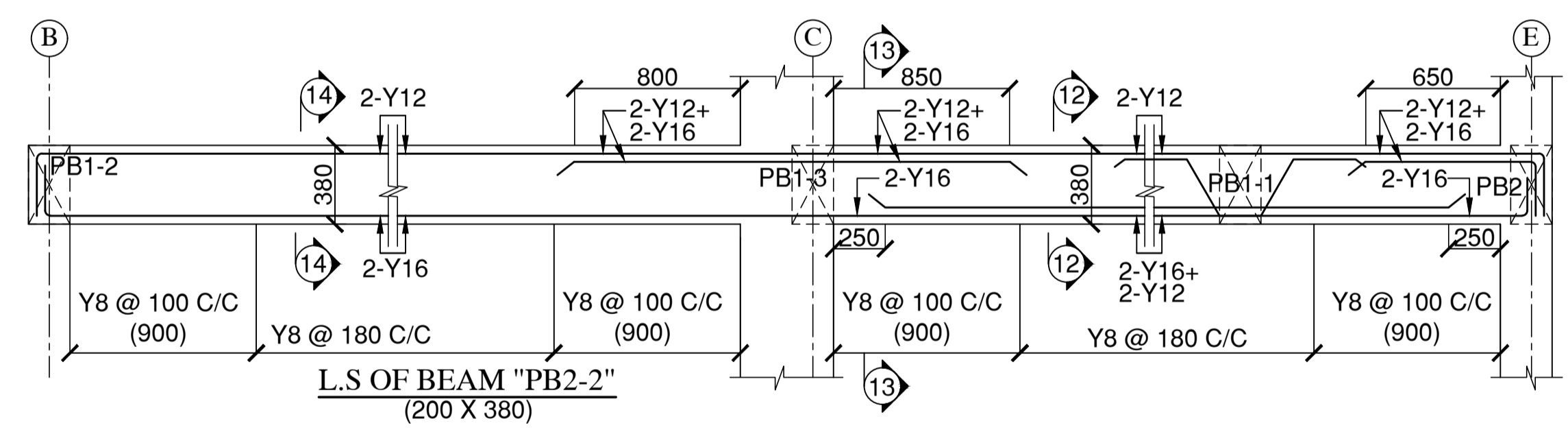
SECTION "Y-Y"



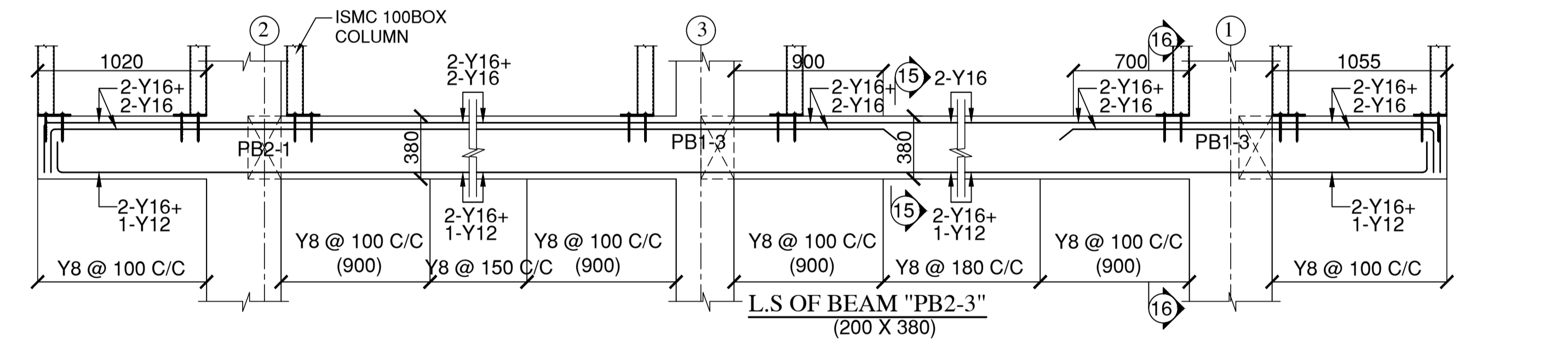
L.S OF BEAM "PB2"



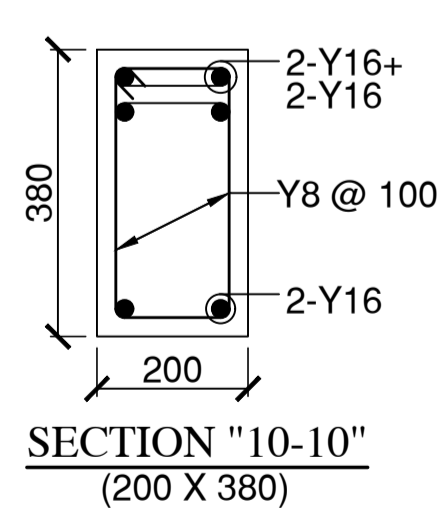
L.S OF BEAM "PB2-1"



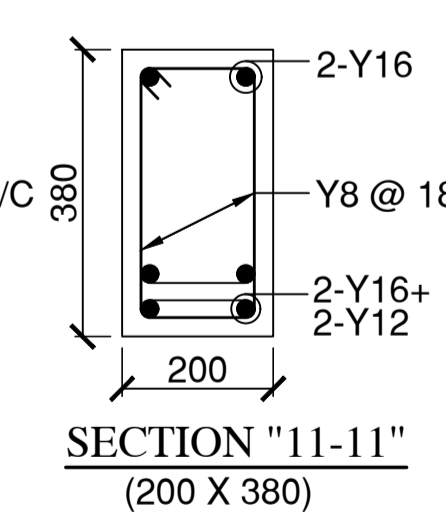
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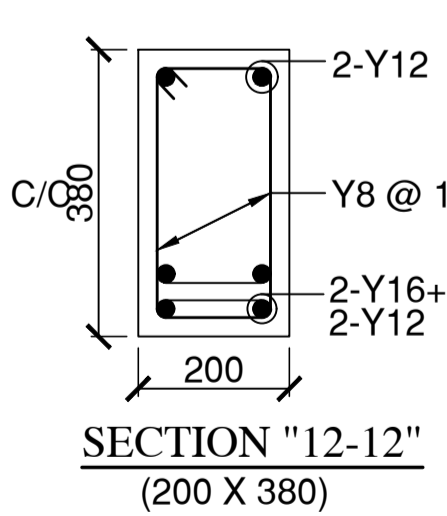
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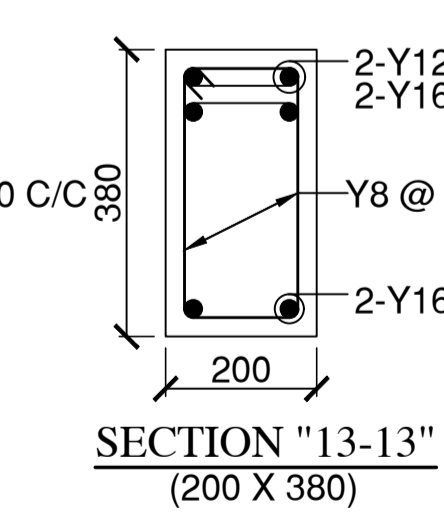
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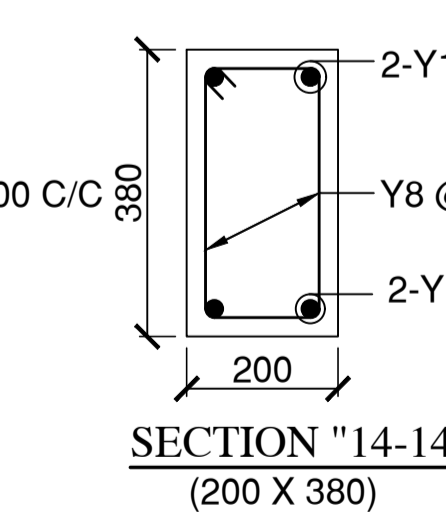
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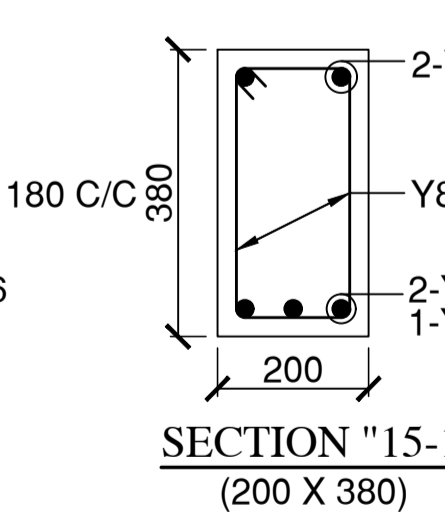
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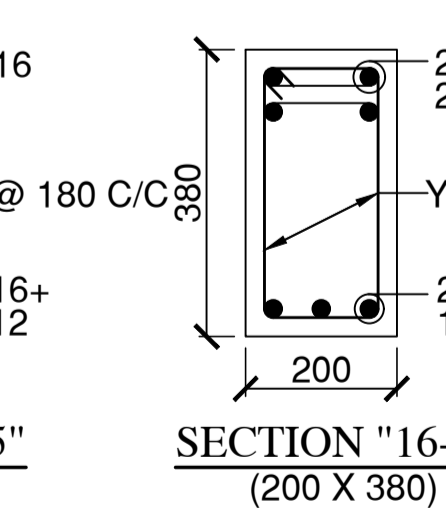
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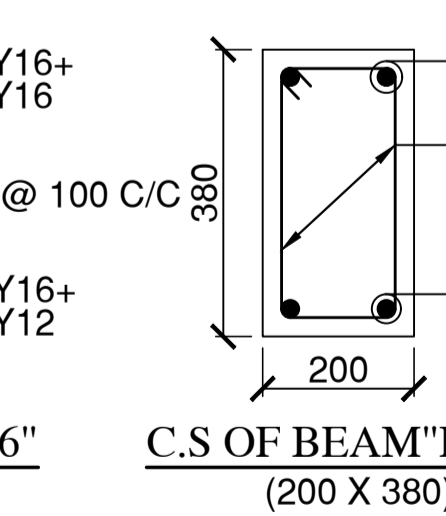
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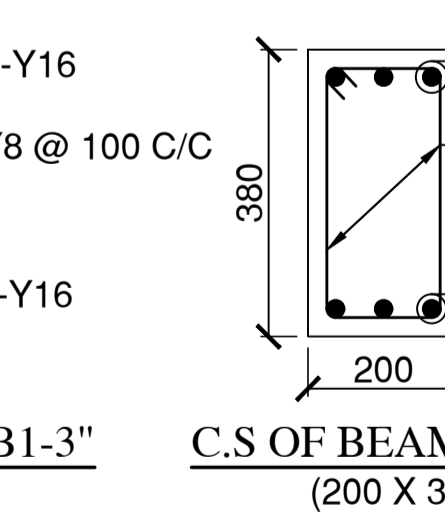
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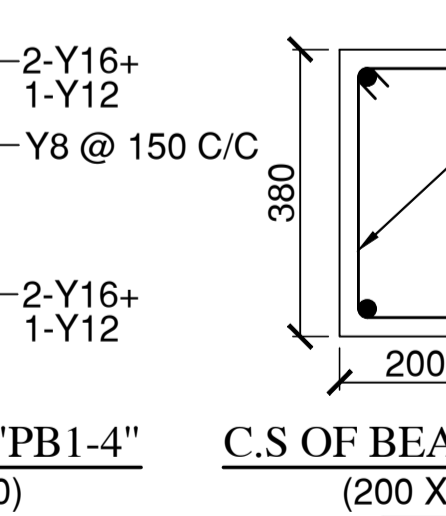
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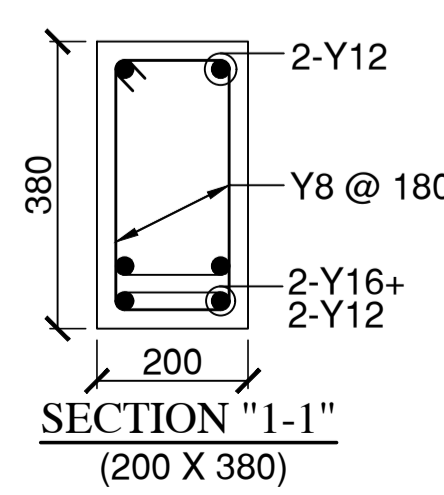
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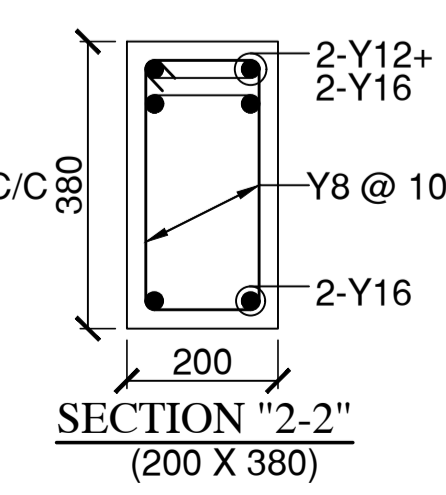
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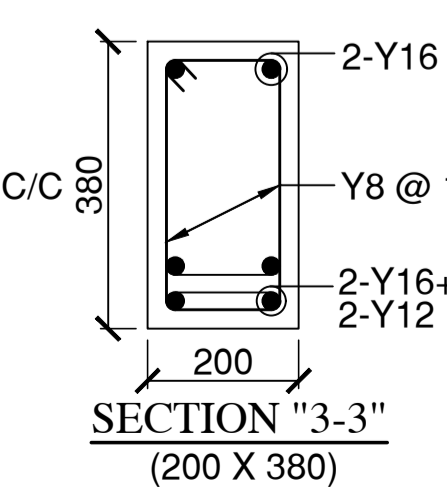
C.S OF BEAM "PBR"



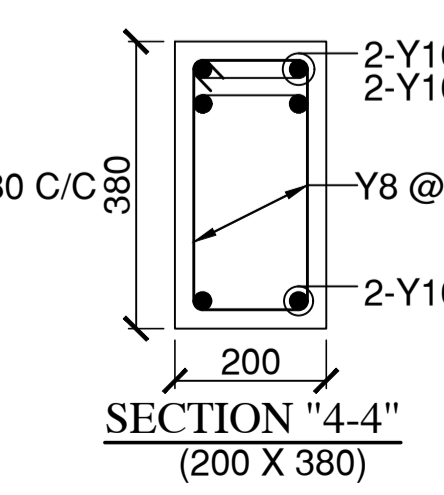
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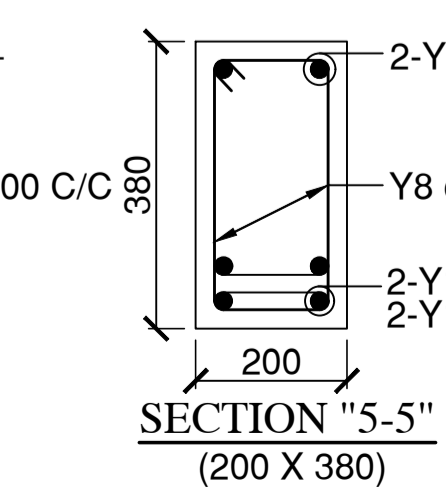
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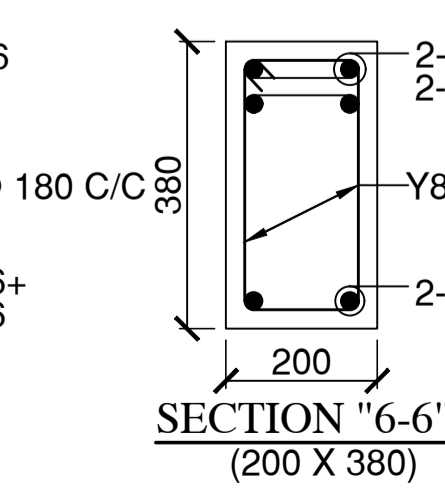
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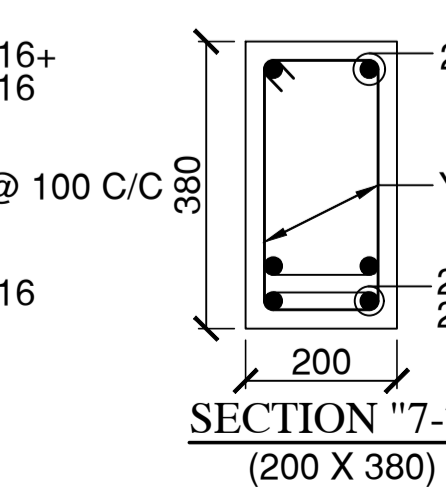
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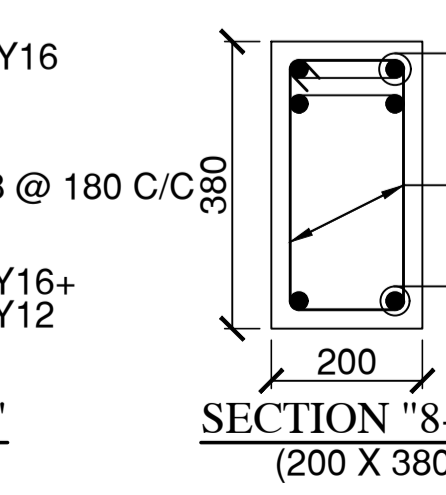
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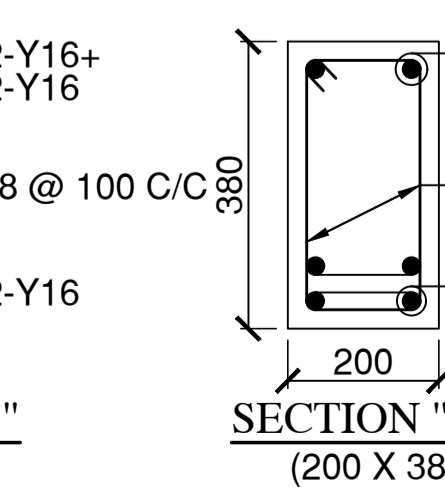
SECTION "6-6"



SECTION "7-7"



SECTION "8-8"



SECTION "9-9"

PLINTH BEAM SCHEDULE		
S.NO.	NAME	SIZE
01.	PB1	200 x 380
02.	PB1-1	200 x 380
03.	PB1-2	200 x 380
04.	PB1-3	200 x 380
05.	PB1-4	200 x 380
06.	PB2	200 x 380
07.	PB2-1	200 x 380
08.	PB2-2	200 x 380
09.	PB2-3	200 x 380
10.	PBR	200 x 380

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 7. GRADE OF CONCRETE SHALL CONFIRM TO IS 456 : 2000  
 ALL R.C.C COMPONENTS - M30  
 8. CLEAR COVER TO REINFORCEMENT.  
 a) R.C. COLUMN & PEDESTAL = 40mm b) R.C.WALL = 25mm  
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REV.	DATE	REV. BY	DESCRIPTION
00	01.06.24	S.V	ISSUED FOR TENDER

**ELECTRICAL CONSULTANT :**  
**SV Intense Engineering Infrastructure Pvt. Ltd.**  
 Velachery, Chennai - 600042

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 B - 4/124, L. G. F., Safdarjung Enclave, New Delhi - 110029.  
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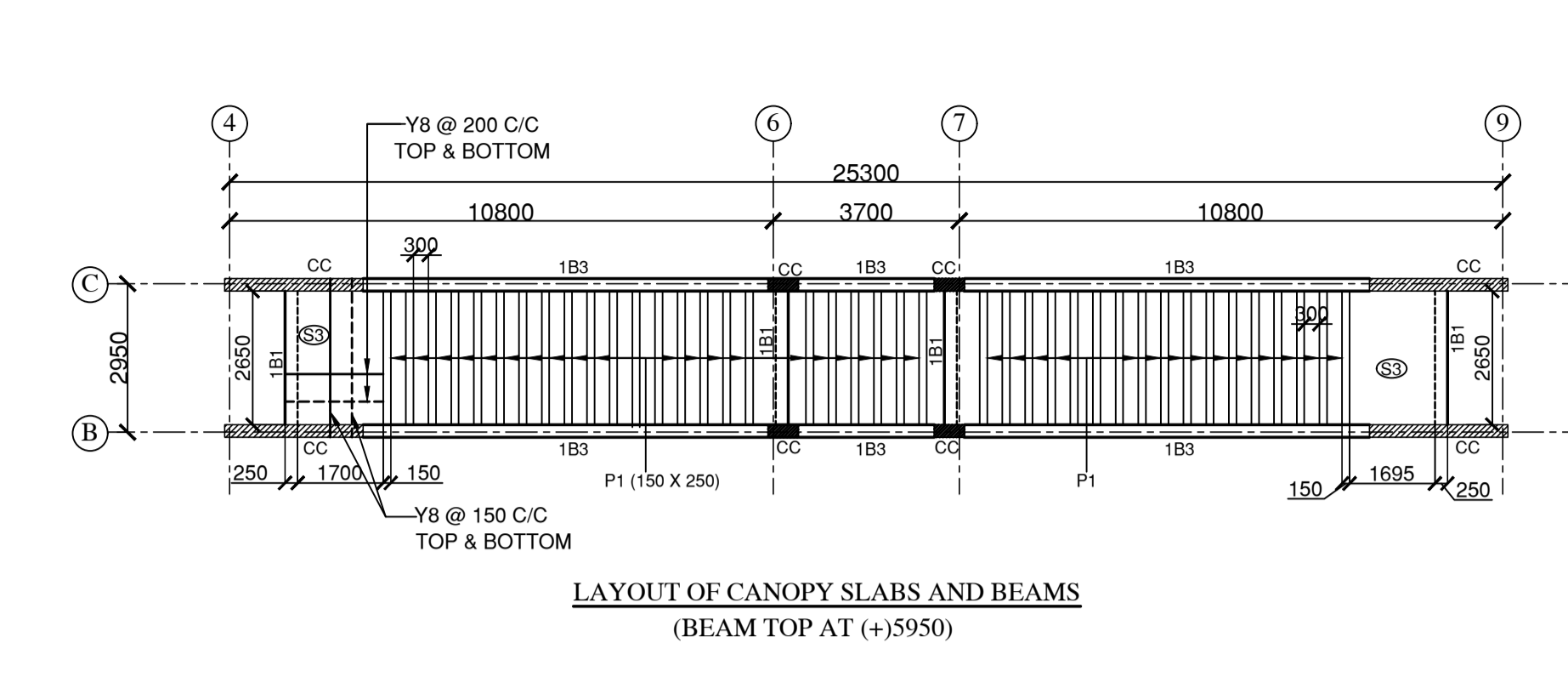
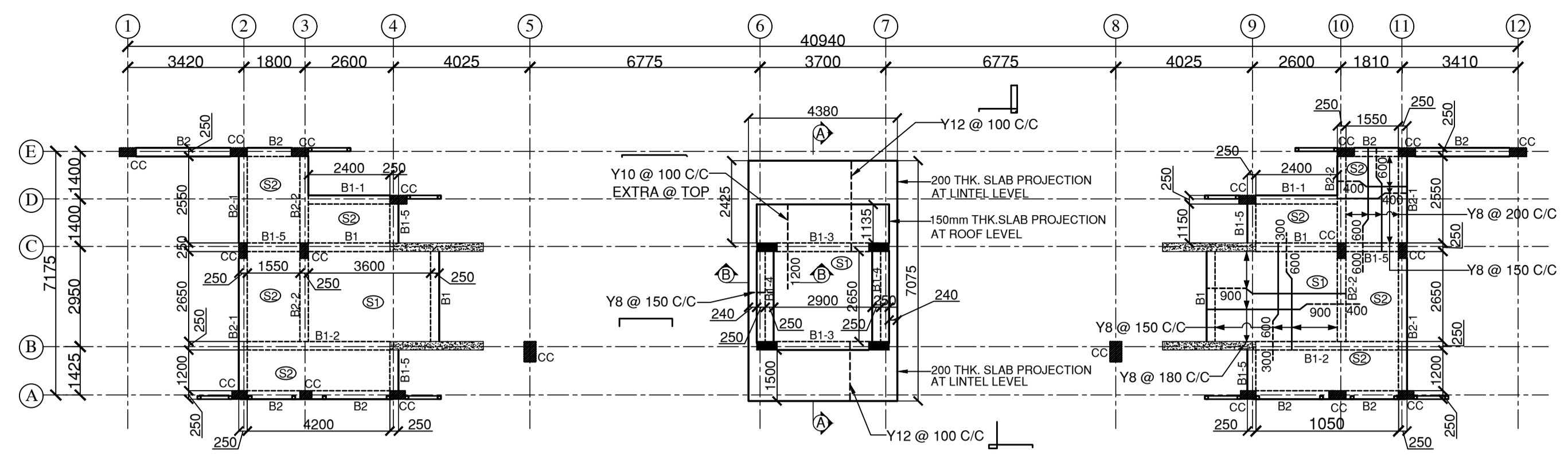
**STATUS :**  
**TENDER STAGE DRAWINGS**

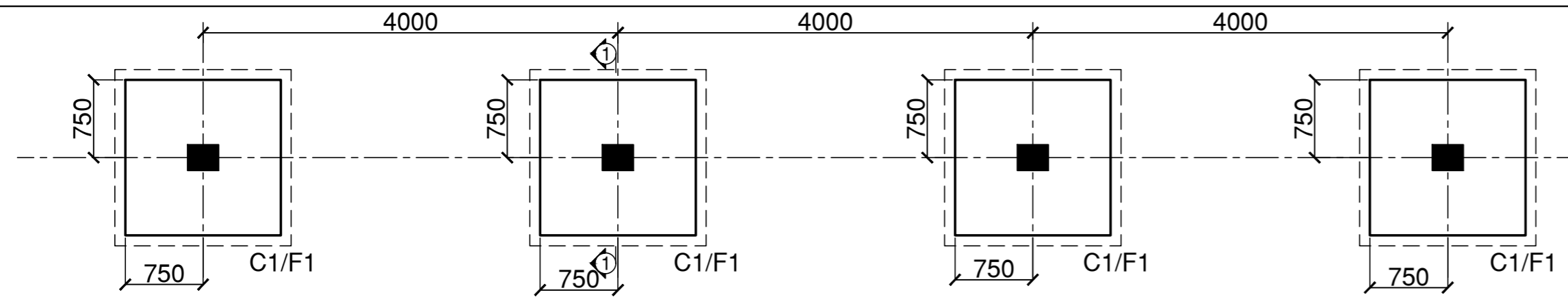
**BUILDING/ BLOCK:**  
**MAIN ENTRANCE GATE COMPLEX**

DRAWING TITLE		SCALE	REV.
<b>LAYOUT &amp; R.C DETAILS OF PLINTH BEAMS</b>			
DATE :	01.06.24		
DRAWING No.	<b>IIITS/MG/TD-ST-03</b>		

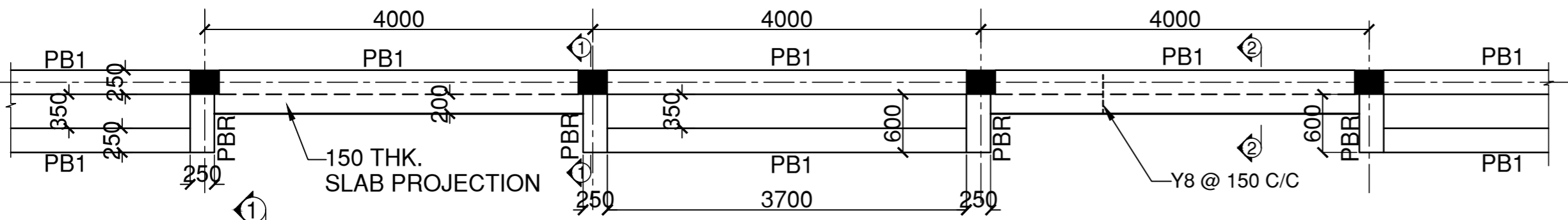
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- GENERAL NOTES:**
- ALL DIMENSIONS ARE IN mm AND LEVELS ARE IN METRES.
  - ONLY WRITTEN DIMENSION TO BE FOLLOWED.
  - STRUCTURAL ENGINEER RESPONSIBILITY IS LIMITED TO DESIGN & ISSUE OF STRUCTURAL DRAWINGS ONLY.
  - ONUS OF CONSTRUCTION LIES WITH CONTRACTOR / PROMOTER / BUILDER / OWNER.
  - ANY DISCREPANCIES NOTICED IN THE DRG. SHALL BE BROUGHT TO OUR NOTICE IMMEDIATELY.
  - THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH THE LATEST ARCHITECTURAL DRAWINGS.
  - GRADE OF CONCRETE SHALL CONFORM TO IS 456 : 2000
  - ALL R.C.C COMPONENTS - M30
  - CLEAR COVER TO REINFORCEMENT.
    - a) R.C. COLUMN = 40mm
    - b) R.C. WALL = 25mm
    - c) ROOF BEAM = 30mm
    - d) ROOF SLAB = 25mm
  - "Y" DENOTES HIGH STRENGTH DEFORMED BARS FE500D CONFORMING TO IS 1786 : 2008
  - DEVELOPMENT LENGTH (Ld) SHALL BE AS PER (SP:34-1999) TABLE BELOW:
    - DEVELOPMENT LENGTH FOR COLUMNS = 37d
    - DEVELOPMENT LENGTH FOR BEAMS = 46d
  - SBC OF THE SOIL IS TAKEN AS 150kN / SQM. AT 2m BELOW E.G.L.
  - COLUMNS & FOOTINGS ARE DESIGNED FOR GROUND FLOOR LOAD ONLY
  - DETAILING OF REBARS SHALL CONFORM TO SP-34 & IS 19920

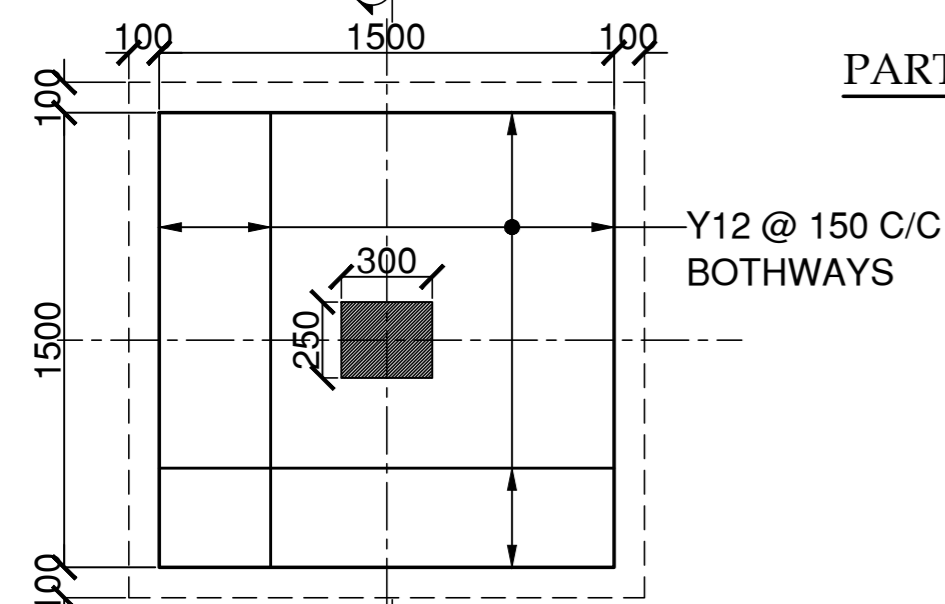




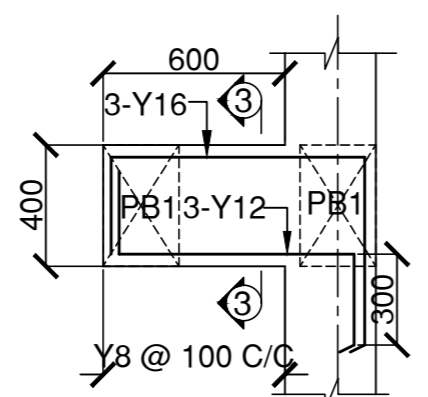
PART - LAYOUT OF COLUMN, FOOTING



PART - LAYOUT OF PLINTH BEAM



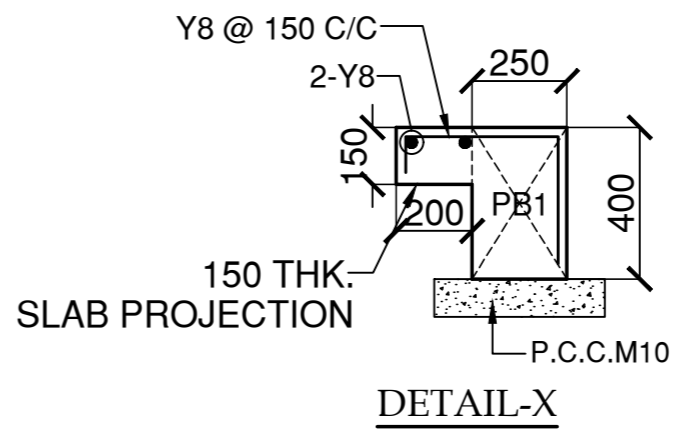
PLAN OF FOOTING - "F1"  
(1500 X 1500 X 300)



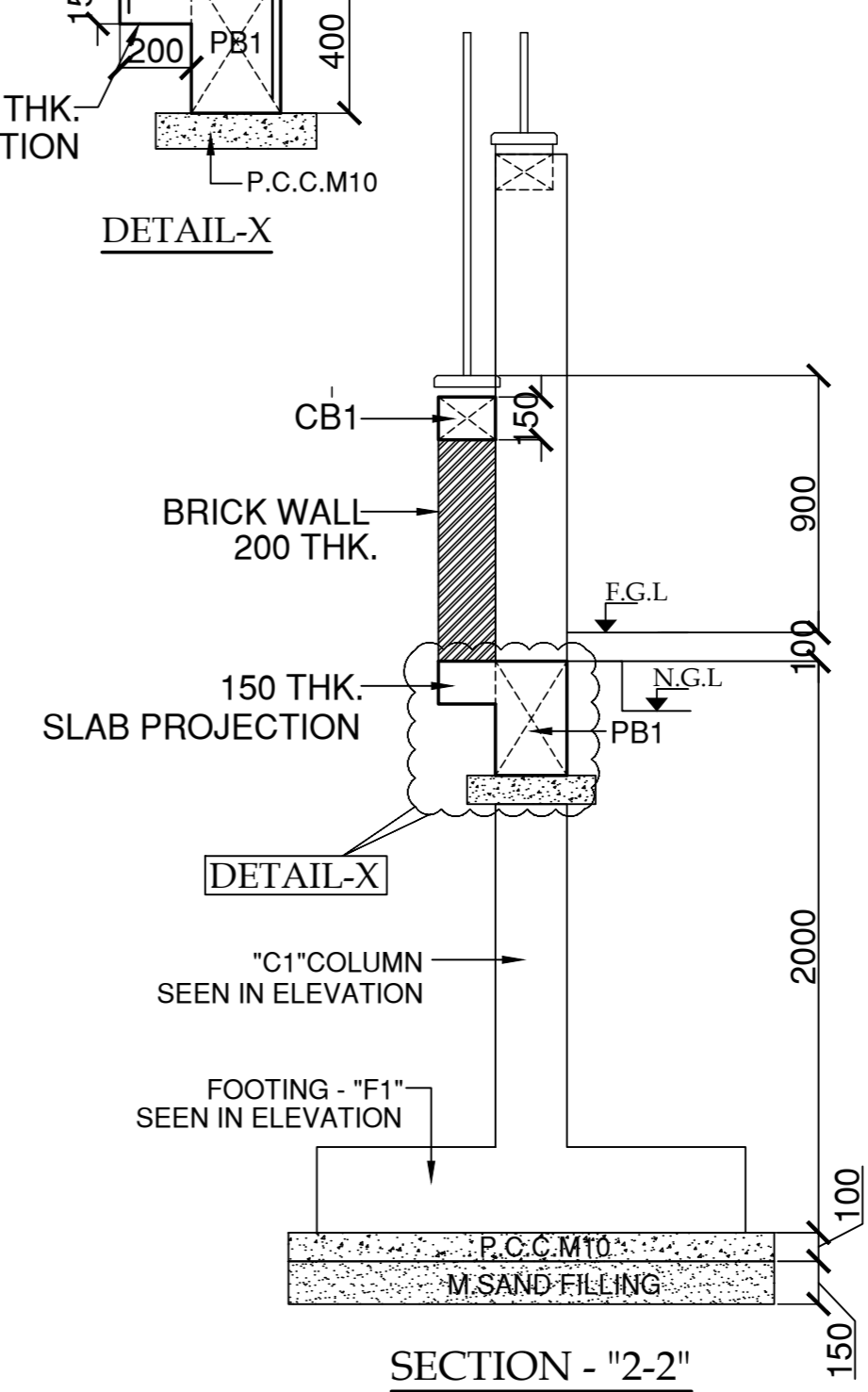
L.S OF BEAM - "PBR"  
(250 x 400)

NOTE :  
FOR CORRECT LEVELS & DIMENSIONS  
REFER ARCHI. DWG.

NOTE :  
FOR LAYOUT OF COMPOUND WALL  
REFER ARCHI. DRAWING  
50mm EXPANSION JOINT WITH TWIN  
COLUMNS TO BE PROVIDED AT EVERY 50m  
AT EVERY TURNING POINT PROVIDE TWIN  
COLUMNS WITH SAME FOOTING DETAILS

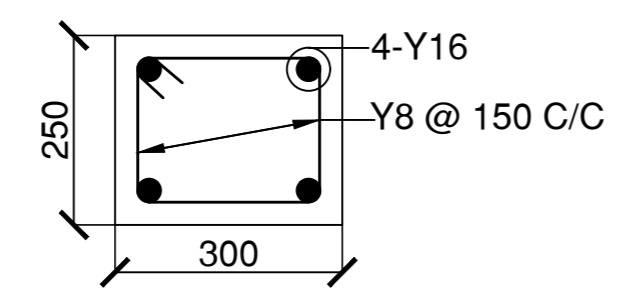
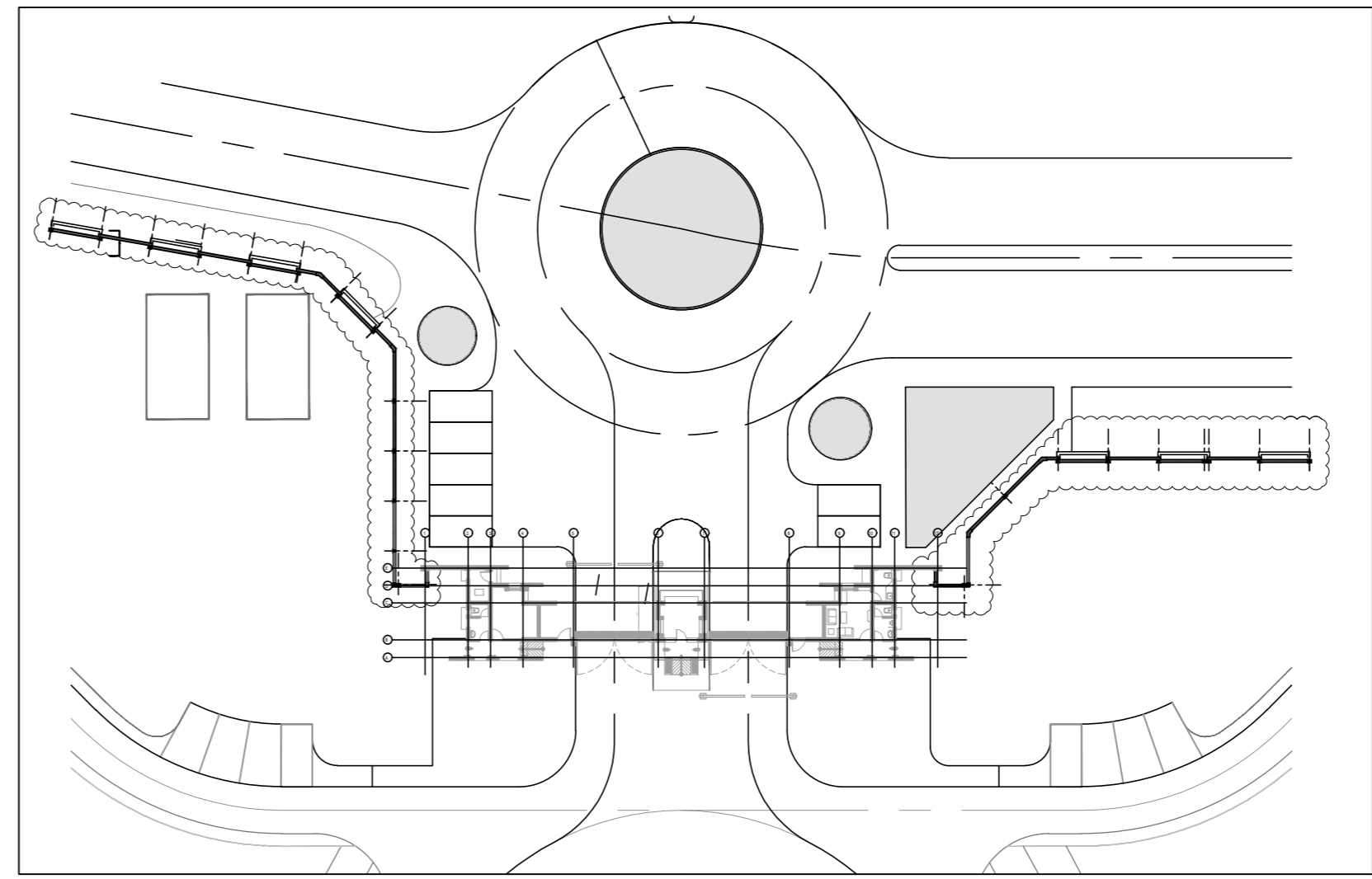


DETAIL-X

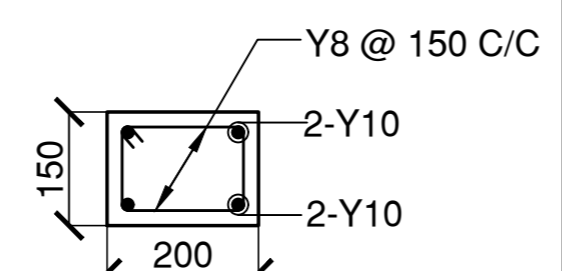


SECTION - "2-2"

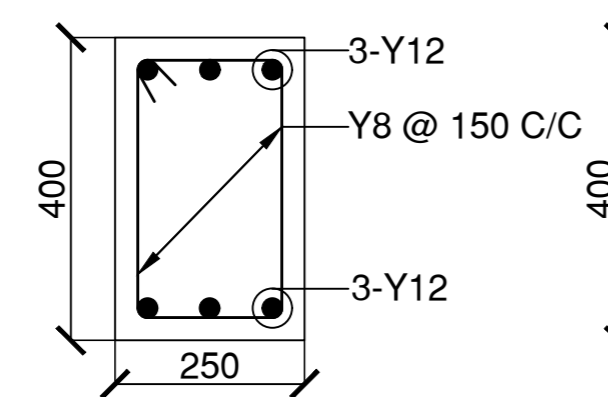
KEY PLAN :



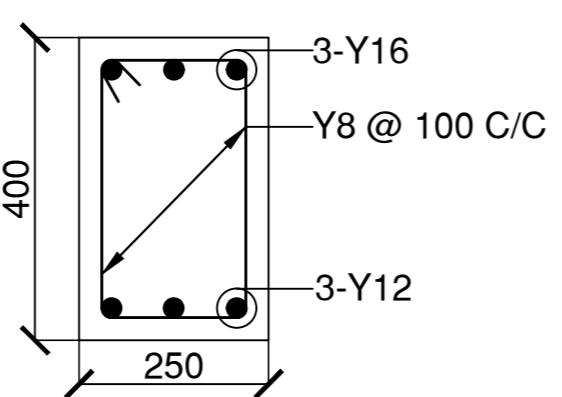
C.S OF COLUMN "C1"  
(250 x 300)



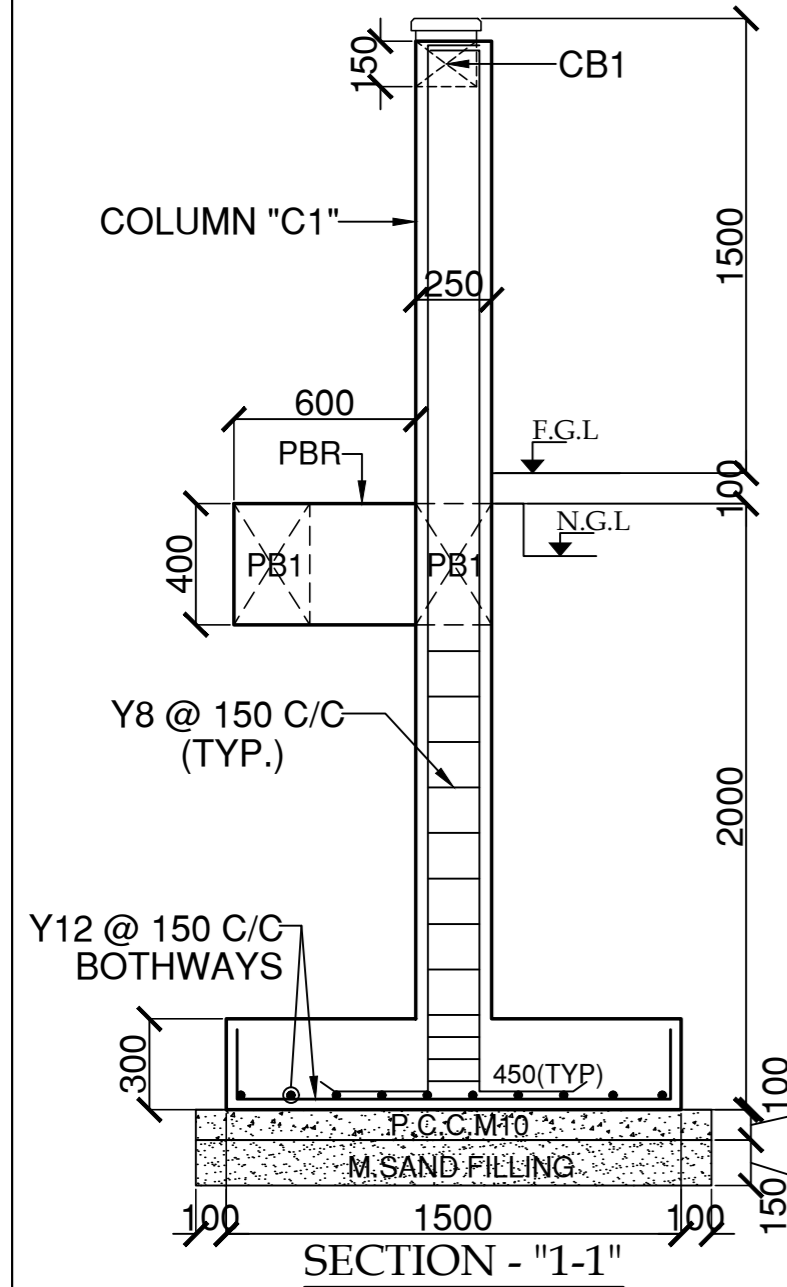
C.S OF COPING BEAM "CB"  
(200 X 150)



C.S OF BEAM - "PB1"  
(250 x 400)



SECTION - "3-3"  
(250 x 400)



SECTION - "1-1"

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6. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH THE LATEST ARCHITECTURAL DRAWINGS.
7. GRADE OF CONCRETE SHALL CONFIRM TO IS 456 : 2000

ALL R.C.C COMPONENTS - M30

8. CLEAR COVER TO REINFORCEMENT.
- a) R.C. COLUMN = 40mm b) FOOTING = 50mm
- c) PLINTH BEAM = 30mm
9. "Y" DENOTES HIGH STRENGTH DEFORMED BARS [FE500D] CONFIRMING TO IS 1786 : 2008
10. DEVELOPMENT LENGTH (Ld) SHALL BE AS PER (SP-34-1999) TABLE BELOW.

DEVELOPMENT LENGTH FOR COLUMNS = 37d  
DEVELOPMENT LENGTH FOR BEAMS = 46d

11. SBC OF THE SOIL IS TAKEN AS 150kN / SQM. AT 2m BELOW E.G.L.
12. DETAILING OF REBARS SHALL CONFIRM TO SP-34 & IS 13920

00	06.07.24	NPS	ISSUED FOR TENDER
REV.	DATE	REV. BY	DESCRIPTION
REVISIONS			
ELECTRICAL CONSULTANT :			
<b>SV Intense Engineering Infrastructure Pvt. Ltd.</b> Velachery, Chennai - 600042			
PLUMBING & FIRE-FIGHTING CONSULTANT			
<b>Behera &amp; Associates</b> F-623A, Lado Sarai, Behind CNG Station, New Delhi			
HVAC CONSULTANT :			
<b>Abid Husain Consultants</b> LG-1&2, Jeevan Prakash Apartment, 16A, Okhla, New Delhi			

STRUCTURAL CONSULTANT :

**JEHOVAH KING ENGINEERING CONSULTANTS PVT. LTD.**  
6th cross street, Lakshmi nagar,  
Porur, Chennai - 600 116

PROJECT

**Infrastructure Development at IIIT Sri City, Chittoor**

CLIENT :

**Indian Institute of Information Technology**  
Sri City, Chittoor  
Andhra Pradesh

ARCHITCTS :

**AAPL Aadarshila Designs Pvt. Ltd.**  
B - 4/124, L. G. F., Safdarjung Enclave, New Delhi - 110029.  
Tel: +91 11 26100433 - 6, Fax : +91 11 26177678,

STATUS :

**TENDER STAGE DRAWINGS**

BUILDING/ BLOCK:

**MAIN ENTRANCE GATE COMPLEX**

DRAWING TITLE

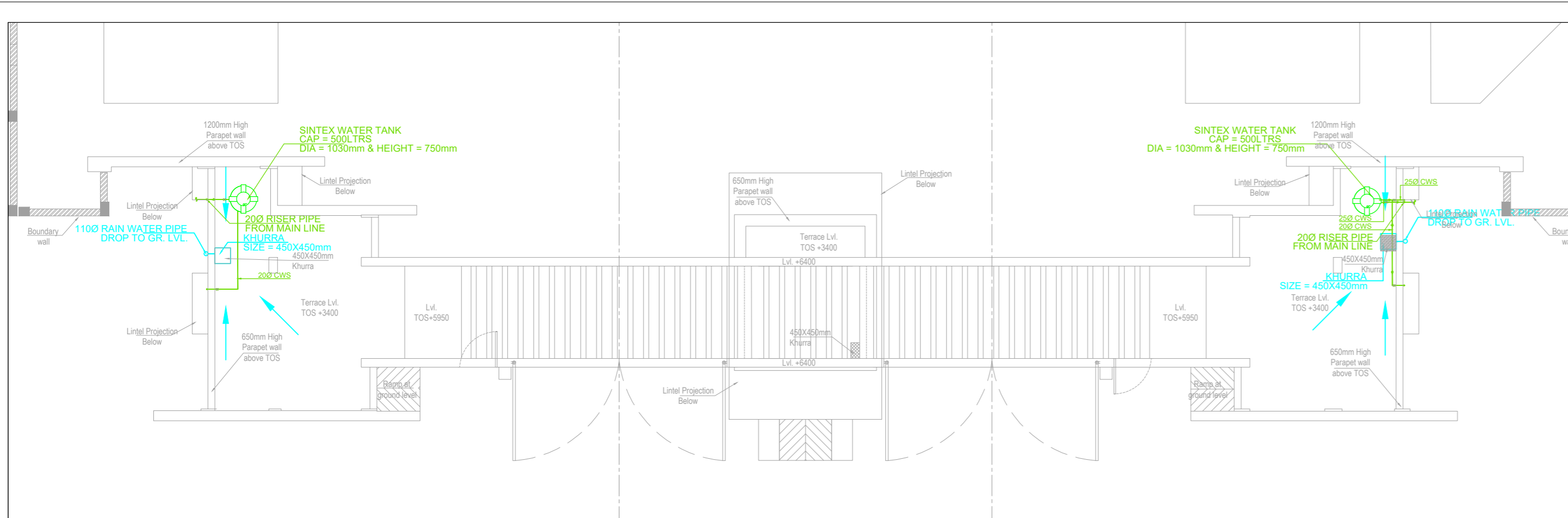
**LAYOUT & R.C DETAILS OF BOUNDARY WALL**

DATE : 06.07.24

SCALE : A2 = 1:100

DRAWING No. **IIITS/MG/BW/TD-ST-04**

REV. **R0**



TERRACE PLAN

PLUMBING NOTE :-

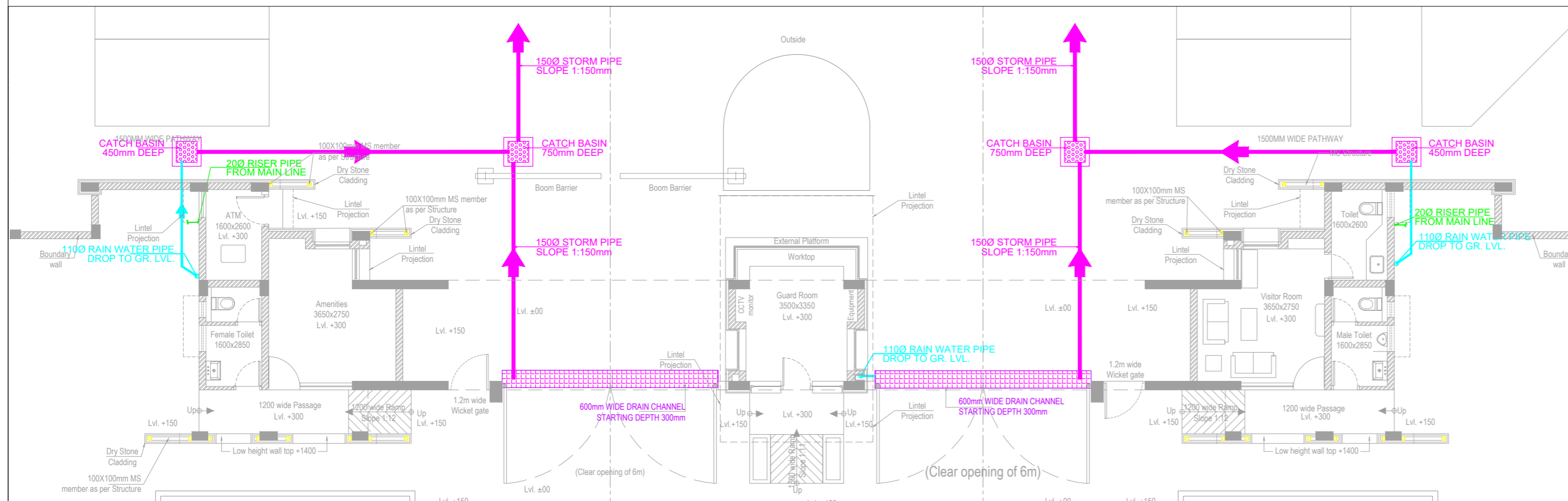
S.NO.	DESCRIPTION
1.	WASH BASIN TO FLOOR TRAP (FT) 40 Ø uPVC WASTE PIPE
2.	MULTY TRAP (MT) TO FLOOR TRAP (FT) 50 Ø uPVC WASTE PIPE
3.	FLOOR DRAIN (FD) TO FLOOR TRAP (FT) 63 Ø uPVC WASTE PIPE
4.	110 OD uPVC PIPE USED FOR SOIL & WASTE
5.	FLOOR TRAP (110 x 110) MM (FT)
6.	FLOOR DRAIN (110 x 63) MM (FD)
7.	MULTY TRAP (110 x 50) MM (MT)
8.	BALCONY DRAIN (110 x 50) MM (BD)
9.	COLD WATER SUPPLY (CWS)
10.	VALVE (X)

NOTES:

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- Only the latest revision of the drawings shall be considered valid for all purposes.

REVISIONS:

SL.	DATE	DESCRIPTION
R1	16.07.2024	Over head tank shown
-	-	-
-	-	-
-	-	-
-	-	-



GROUND FLOOR PLAN

ELECTRICAL CONSULTANT  
SV Intense Engineering Infrastructure Pvt. Ltd.  
Velachery, Chennai - 600042

PLUMBING & FIRE-FIGHTING CONSULTANT  
Behera & Associates  
F-620, Lado Sarai, First Floor, New Delhi

HVAC CONSULTANT  
Abid Husain Consultants  
LG-182, Jeevan Prakash Apartment, 16A, Okhla, New Delhi

STRUCTURAL CONSULTANT  
Jehovaking Engineering Consultants Pvt. Ltd.  
6th Cross Street, Lakshmi Nagar, Porur, Chennai - 600116

PROJECT  
Infrastructure Development at IIT Sri City  
Chittoor

CLIENT  
Indian Institute of Information Technology  
Sri City, Chittoor

Andhra Pradesh

ARCHITECT

**ADPL**  
Aadharshila Designs Pvt. Ltd.

B - 4/124, L. G. F., Safdarjung Enclave, New Delhi - 110029.  
Tel: +91 11 26100433 - 6, Fax: +91 11 26177678,  
E-mail: adpl@adpl.in

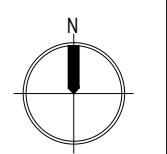
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DRAWING TITLE  
PLUMBING LAYOUT  
GROUND & TERRACE FLOOR  
MAIN ENTRANCE GATE COMPLEX

DATE  
01.06.2024

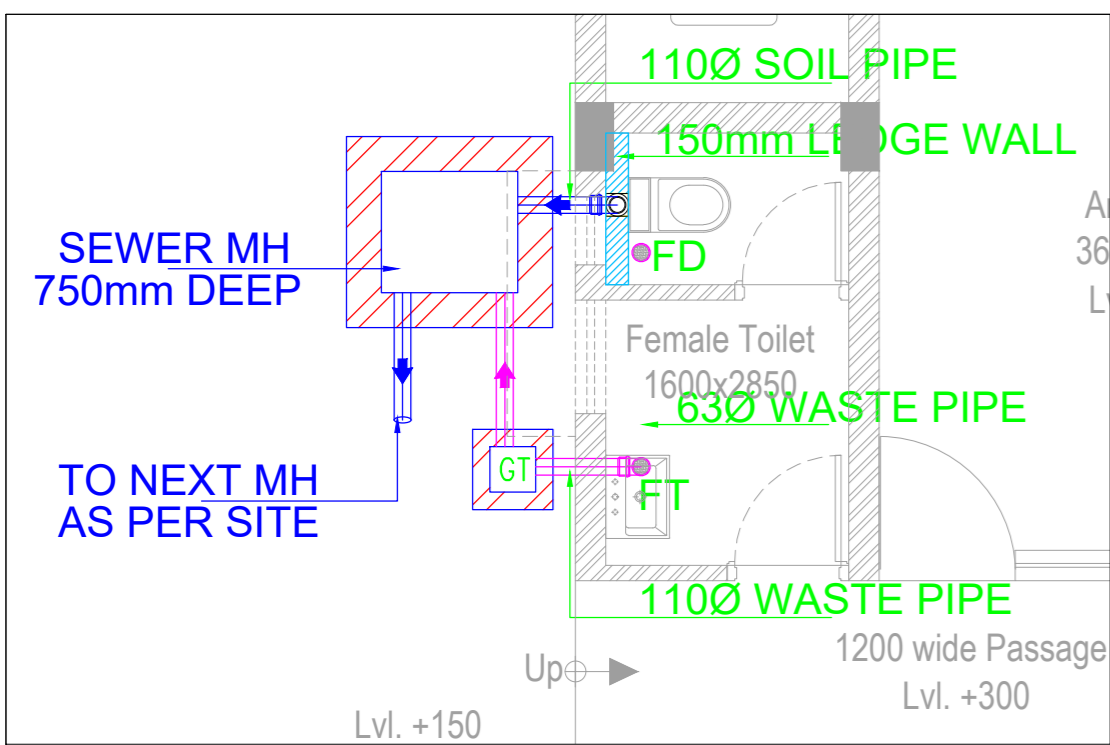
SCALE  
A2 (AS SHOWN)

DRAWING NO.  
IIITS / MG / TD / PL-01



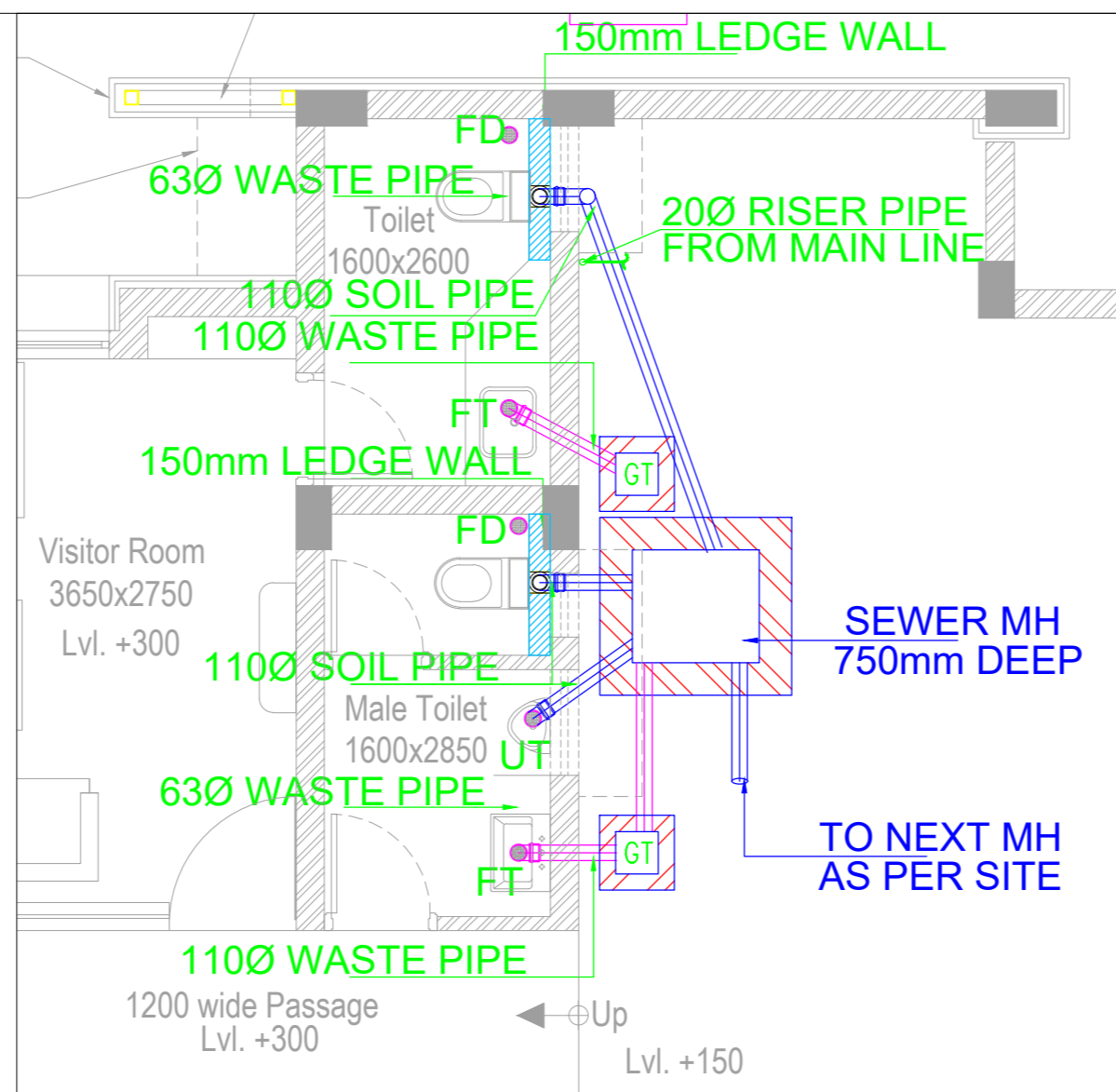
REV.  
R1

TENDER STAGE DRAWINGS



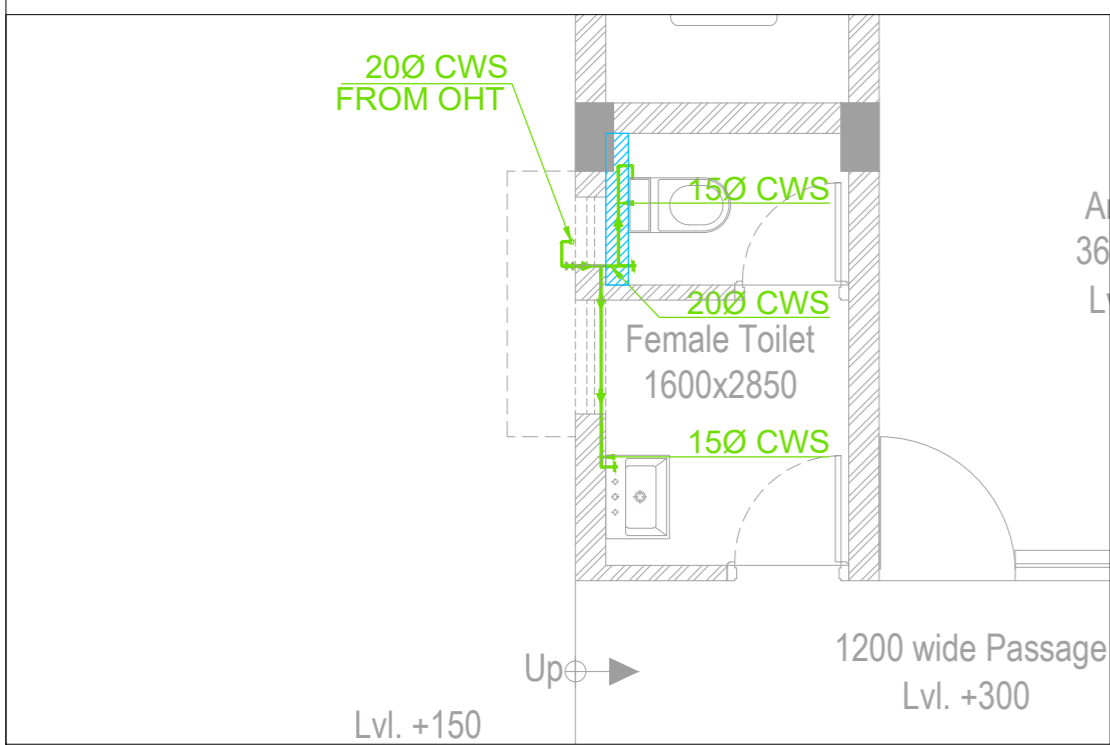
TOILET-1 DRAINAGE LAYOUT

SCALE - 1:50



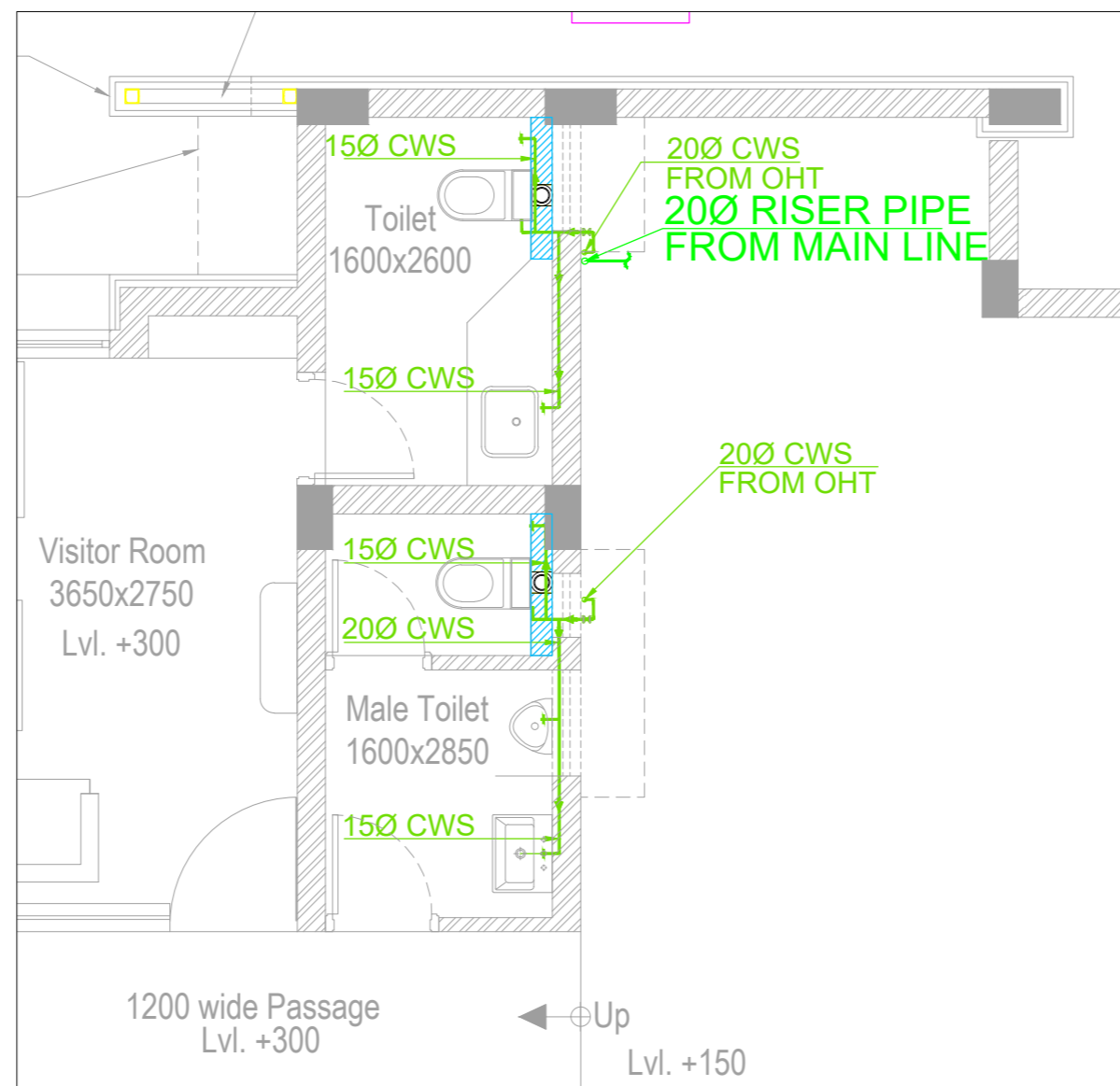
TOILET-2 DRAINAGE LAYOUT

SCALE - 1:50



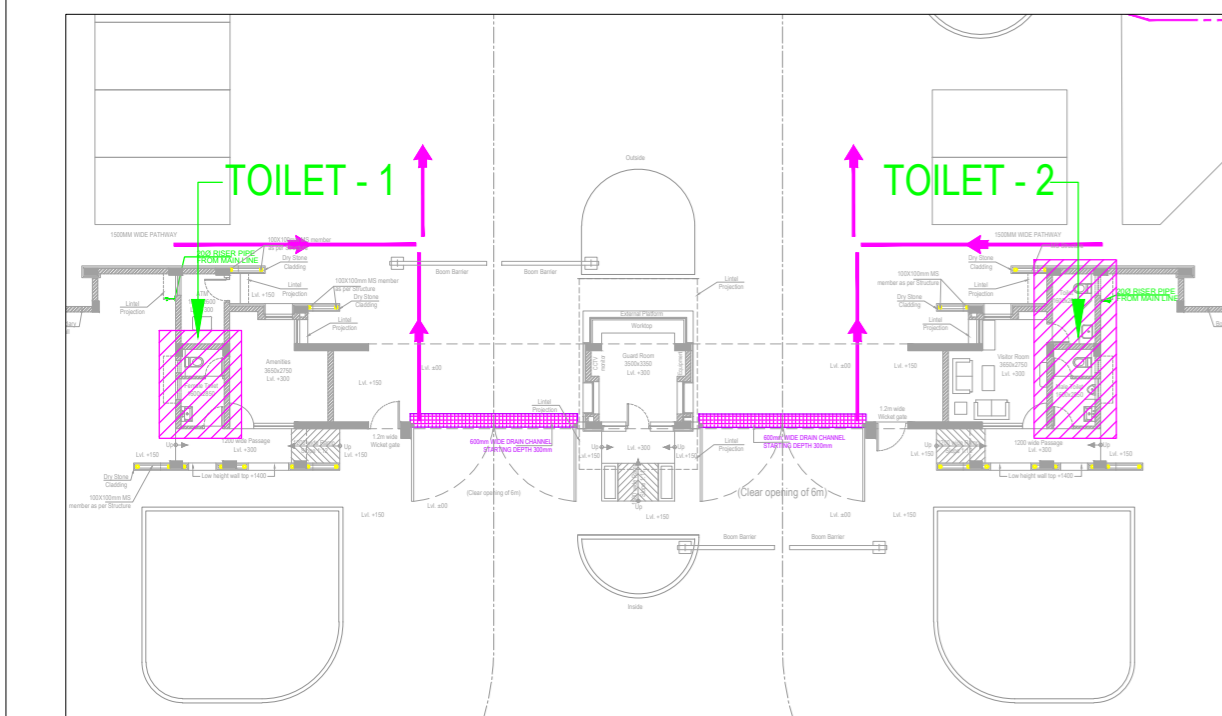
TOILET-1 WATER SUPPLY LAYOUT

SCALE - 1:50



TOILET-2 WATER SUPPLY LAYOUT

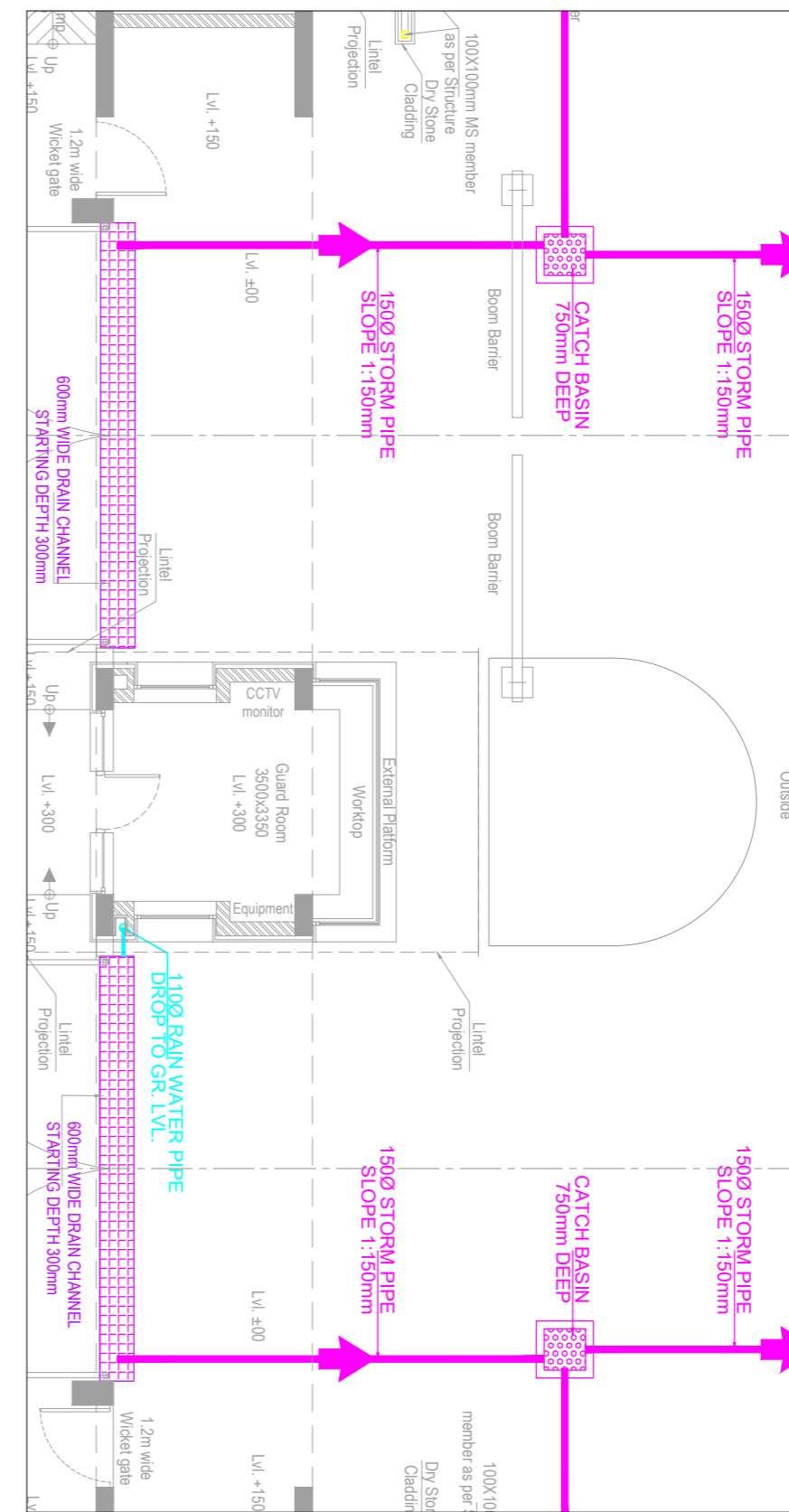
SCALE - 1:50



KEYPLAN

PLUMBING NOTE :-

S.NO.	DESCRIPTION
1.	WASH BASIN TO FLOOR TRAP (FT) 40 Ø uPVC WASTE PIPE
2.	MULTY TRAP (MT) TO FLOOR TRAP (FT) 50 Ø uPVC WASTE PIPE
3.	FLOOR DRAIN (FD) TO FLOOR TRAP (FT) 63 Ø uPVC WASTE PIPE
4.	110 OD uPVC PIPE USED FOR SOIL & WASTE
5.	FLOOR TRAP (110 x 110) MM (FT)
6.	FLOOR DRAIN (110 x 63) MM (FD)
7.	MULTY TRAP (110 x 50) MM (MT)
8.	BALCONY DRAIN (110 x 50) MM (BD)
9.	COLD WATER SUPPLY (CWS)
10.	VALVE (X)



ENTRY GATE DRAINAGE PLAN

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REVISIONS:

SL.	DATE	DESCRIPTION
R1	16.07.2024	Over head tank shown
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

ELECTRICAL CONSULTANT  
SV Intense Engineering Infrastructure Pvt. Ltd.  
Velachery, Chennai - 600042

PLUMBING & FIRE-FIGHTING CONSULTANT  
Behera & Associates  
F-620, Lado Sarai, First Floor, New Delhi

HVAC CONSULTANT  
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STRUCTURAL CONSULTANT  
Jehovaking Engineering Consultants Pvt. Ltd.  
6th Cross Street, Lakshmi Nagar, Porur, Chennai - 600116

PROJECT  
Infrastructure Development at IIIT Sri City  
Chittoor

CLIENT  
Indian Institute of Information Technology  
Sri City, Chittoor

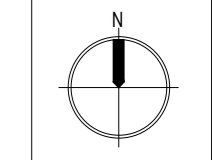
Andhra Pradesh

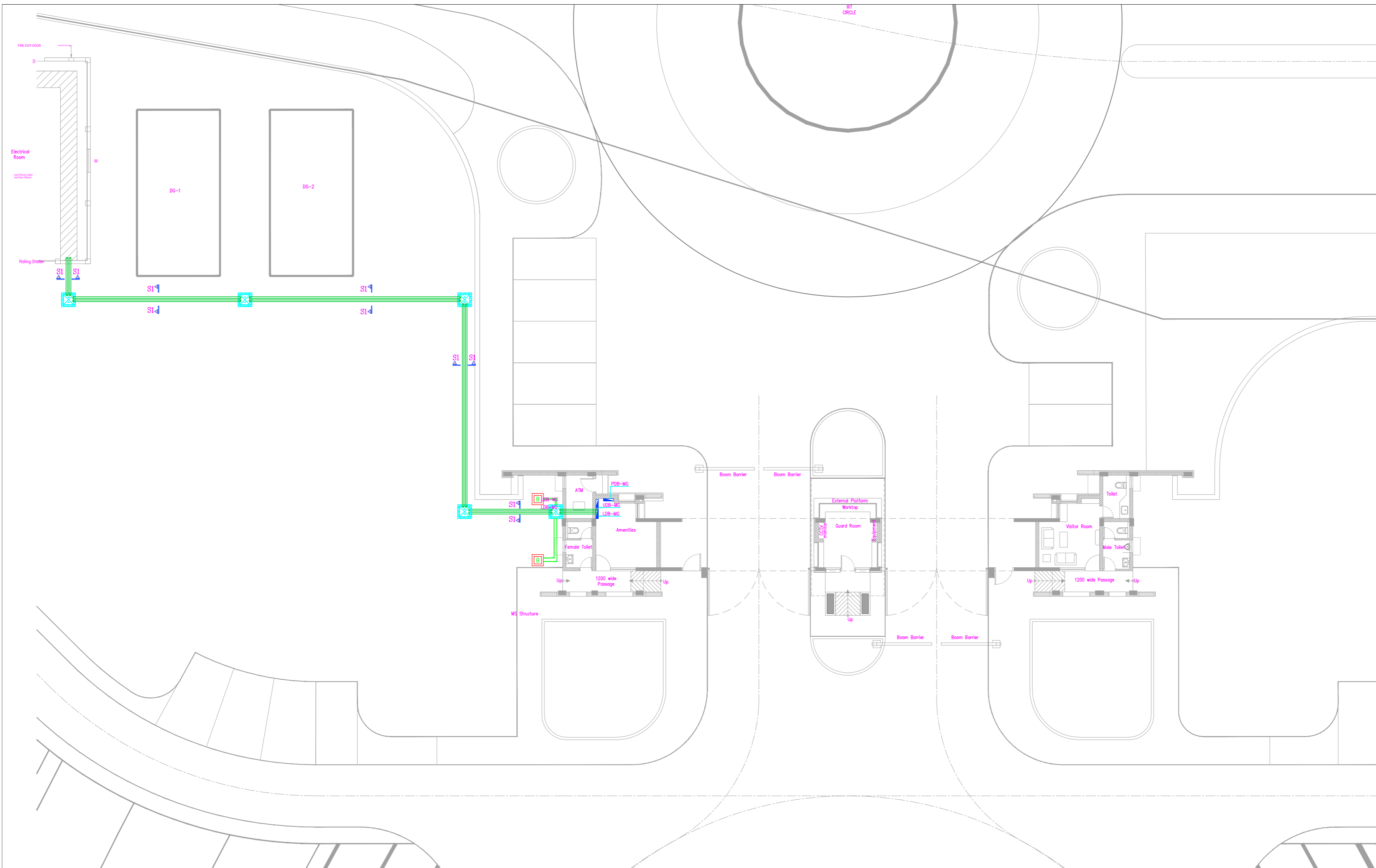
ARCHITECT  
Aadharshila Designs Pvt. Ltd.  
B - 4/124, L. G. F., Safdarjung Enclave, New Delhi - 110029.  
Tel: +91 11 26100433 - 6, Fax: +91 11 26177678,  
E-mail: adp@adpl.in

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DRAWING TITLE PLUMBING DETAILS GROUND FLOOR		REV. <b>R1</b>
MAIN ENTRANCE GATE COMPLEX		
DATE 01.06.2024	SCALE A2 (AS SHOWN)	
DRAWING NO. IIITS / MG / TD / PL-01A		

TENDER STAGE DRAWINGS

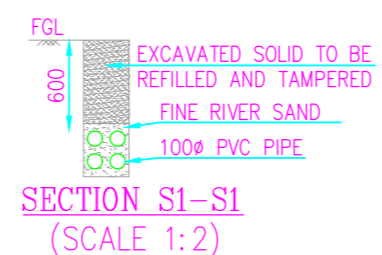




- NOTES:**
1. ALL DIMENSIONS ARE IN MM OR OTHERWISE SPECIFIED.
  2. ALL DISTRIBUTION BOARDS BOTTOM ARE TO BE ALIGNED AT 1500MM FROM FFL.
  3. ALL MCB DB'S SHALL BE FLUSHED IN THE 200MM THICK WALL.
  4. ALL EQUIPMENTS AND INSTALLATION SHALL BE SUPPLIED AS PER SPECIFICATION AND MEET THE CODAL STATUTORY REQUIREMENTS.
  5. THE CABLE ENTRY PIPE SLEEVES TO THE BUILDING SHALL BE PROPERLY SEALED TO PREVENT WATER ENTRY
  6. THE SHOWN CABLE TRAY ROUTING ARE ONLY INDICATIVE. IT SHALL BE RE-ROUTED/MODIFIED BASED ON OTHER SERVERS REQUIREMENT.
  7. KINDLY REFER THIS DRAWING FOR ONLY ELECTRICAL SYSTEMS DETAILS.FOR OTHER SERVICES/CIVIL DETAILS REFER RESPECTIVE DRAWINGS

**LEGEND:**

S.NO	SYMBOL	DESCRIPTION	UNIT	QTY
1		CABLE CHAMFER	NOS	05
2		100MM PIPE	MTR	130
3		BODY EARTH PIT: 17.2DIA, 3METERS LONG, 100 MICRON, CU BONDED STEEL ELECTRODE	NOS	02



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**REVISIONS:**

SL.	DATE	DESCRIPTION
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

**ELECTRICAL CONSULTANT**  
**SV Intense Engineering Infrastructure Pvt. Ltd.**  
 Velachery, Chennai - 600042

**PLUMBING & FIRE-FIGHTING CONSULTANT**  
**Behera & Associates**  
 F-623A, Lado Sarai, Behind CNG Station, New Delhi

**HVAC CONSULTANT**  
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 6th Cross Street, Lakshmi Nagar, Porur, Chennai - 600116

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 Andhra Pradesh

**ARCHITECT**  
**ADPL**  
**Aadharshila Designs Pvt. Ltd.**  
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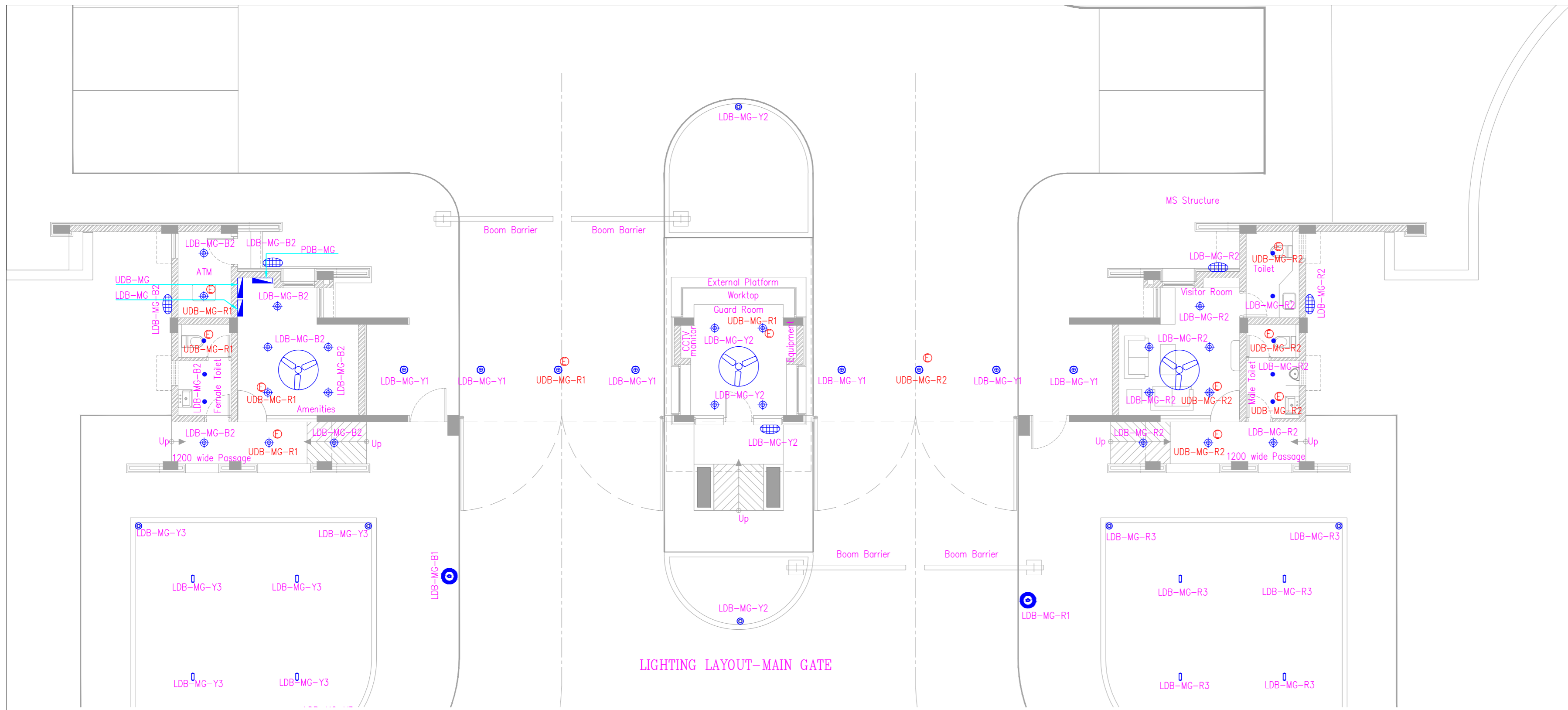


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TENDER STAGE DRAWINGS

<b>DRAWING TITLE</b>		
<b>EQUIPMENT &amp; CABLE ROUTING</b>		
<b>MAIN ENTRANCE GATE COMPLEX</b>		
<b>DATE</b> 30.05.2024	<b>SCALE</b> 1:150 @ A2	<b>REV.</b>  <b>R0</b>
<b>DRAWING NO.</b> IIITS / MG / TD / EL / 011		





LIGHTING LAYOUT-MAIN GATE

**NOTES:**  
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**REVISIONS:**

SL.	DATE	DESCRIPTION
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

**ELECTRICAL CONSULTANT**  
 SV Intense Engineering Infrastructure Pvt. Ltd.  
 Velachery, Chennai - 600042

**PLUMBING & FIRE-FIGHTING CONSULTANT**  
 Behera & Associates  
 F-623A, Lado Sarai, Behind CNG Station, New Delhi

**HVAC CONSULTANT**  
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 LG-182, Jeevan Prakash Apartment, 16A, Okhla, New Delhi

**STRUCTURAL CONSULTANT**  
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**PROJECT**  
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 Chittoor

**CLIENT**  
 Indian Institute of Information Technology  
 Sri City, Chittoor

Andhra Pradesh

**ARCHITECT**

**AADHARSHILA DESIGNS PVT. LTD.**  
 New Delhi

**Aadharshila Designs Pvt. Ltd.**  
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 E-mail: adpl@adpl.in

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<b>DRAWING TITLE</b> LIGHTING LAYOUT		
<b>MAIN ENTRANCE GATE COMPLEX</b>		
<b>DATE</b> 30.05.2024	<b>SCALE</b> 1:100 @ A2	<b>REV.</b>  <b>R0</b>
<b>DRAWING NO.</b> IIITS/MG/ TD/EL-016		

- NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
  - ALL DISTRIBUTION BOARDS BOTTOM SHALL BE ALIGNED AT 1500MM FROM FFL.
  - ALL MCB DB'S SHALL BE FLUSHED IN THE 200MM THICK WALL.
  - ALL SWITCH BOXES NEAR THE DOORS SHALL BE 230MM FROM THE WALL EDGE.
  - ALL SWITCH BOXES SHALL BE FLUSHED WITH THE WALL.
  - FOR ALL SURFACE WIRING IN WALL/BEAM/RCC SLAB MS CONDUIT SHALL BE USED.
  - FOR ALL CONCEALED WIRING IN WALL/BEAM/RCC SLAB PVC CONDUIT SHALL BE USED.
  - THE CONDUIT ROUTING SHALL BE DECIDED AT SITE CONSIDERING THE OTHER SERVICES DURING THE TIME OF INSTALLATION.
  - EACH CIRCUIT SHALL HAVE ITS OWN NEUTRAL AND EARTH WIRE SEPARATELY.
  - LIGHTING AND POWER CABLES/WIRES TO BE TAKEN IN SEPARATE CONDUITS.
  - THE WIRING FOR DIFFERENT PHASES SHALL BE LAID IN SEPARATE CONDUITS.
  - THE SHOWN MOUNTING HEIGHTS SHALL BE FROM FFL TO BOTTOM OF THE INSTALLATIONS.
  - THE SHOWN MOUNTING HEIGHT OF THE ELECTRICAL ITEMS ARE INDICATIVE, IT SHALL BE CONFIRMED BY THE INTERIOR DESIGNER.
  - ALL EQUIPMENTS SHALL BE SUPPLIED AS PER SPECIFICATION AND MEET THE CODAL STATUTORY REQUIREMENTS.
  - CEILING FAN BOTTOM SHALL BE ALIGNED AT BEAM BOTTOM LEVEL BY USING APPROPRIATE DOWN RODS.
  - 2# 8 SWG CU WIRE SHALL BE USED TO EARTH DB'S
  - THIS DRAWING TO BE READ IN CONJUNCTION WITH RESPECTIVE LIGHTING/POWER SLD LAYOUTS.
  - LIFT SHAFT BULK HEAD LIGHT FITTINGS AND SOCKETS SHALL BE WIRED FROM RESPECTIVE L/PDB'S OF THE LIFT MACHINE ROOM.
  - LIFT WELL BULK HEAD LIGHT/5A SOCKET SHALL BE PLACED AT EVERY LEVEL IN CONSULTATION WITH LIFT SUPPLIER
  - THE CORRIDOR AREA LIGHTING CONTROL SHALL BE ACHIEVED FROM MCB DB'S.
  - KINDLY REFER THIS DRAWING FOR ONLY ELECTRICAL SYSTEM DETAIL, FOR OTHER SERVICES/CIVIL DETAILS REFER RESPECTIVE DRAWINGS.

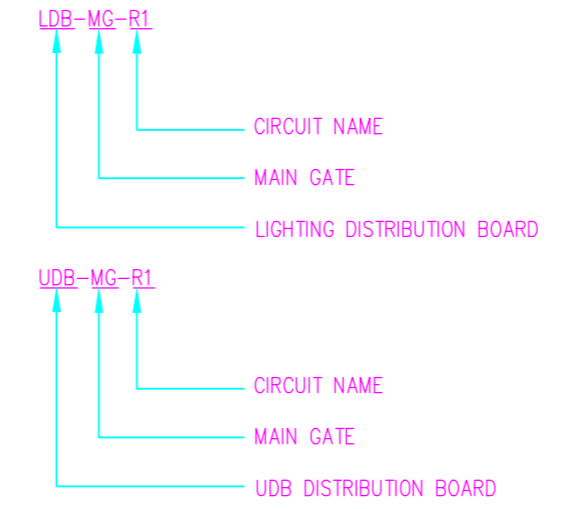
**REFERENCE DRAWING:**

- POWER LAYOUT-MAIN GATE IIITS-MG-DD-EL-017
- CCTV LAYOUT-MAIN GATE IIITS-MG-DD-EL-018
- SINGLE LINE DIAGRAM-MAIN GATE IIITS-MG-DD-EL-021

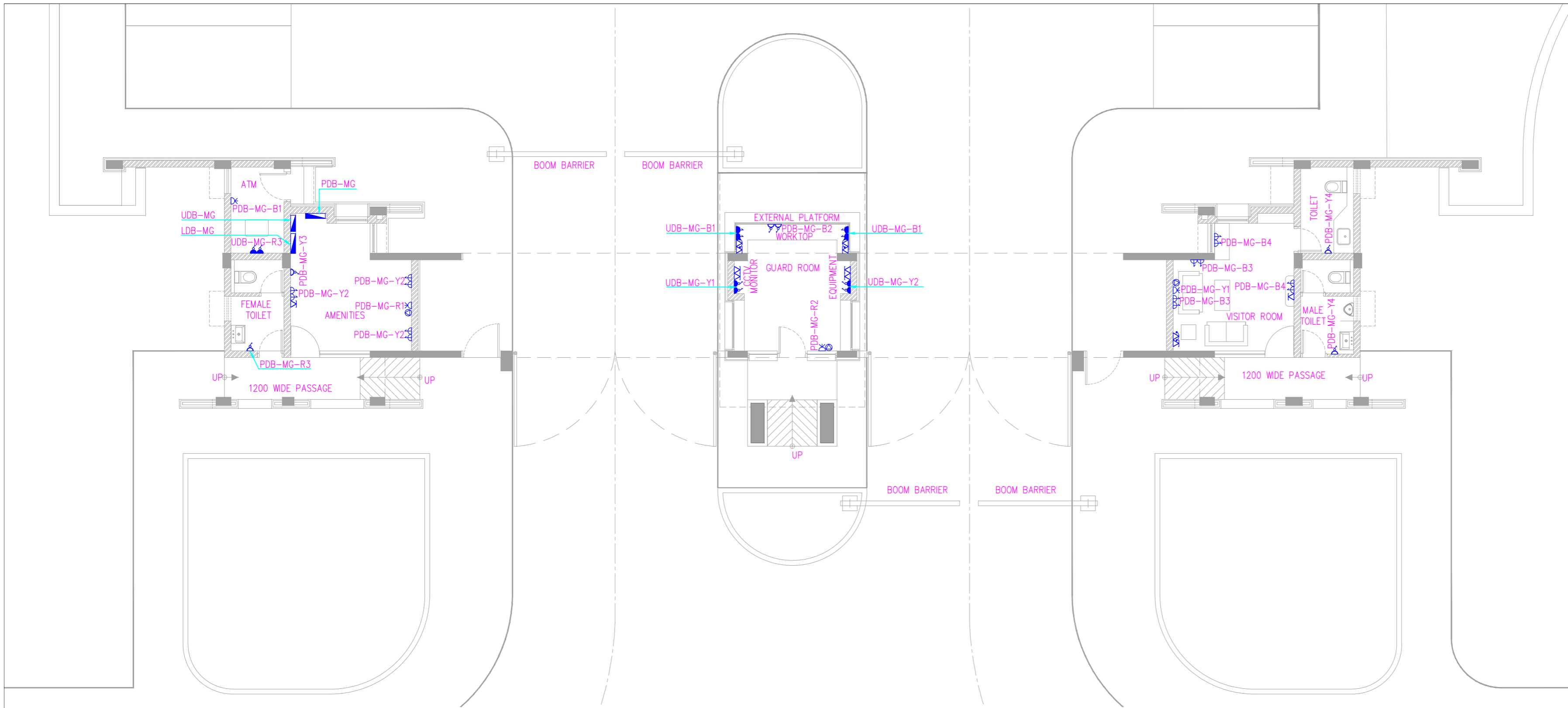
- WIRING PATTERN:**
- LIGHTING:**
- DB TO SWITCH BOARD/FIRST FIXTURE - 2#2.5 AND 1#1.5SQMM
  - SWITCH BOARD LIGHTING POINTS - 3#1.5SQMM
- POWER SOCKET:**
- 6A (GROUP OF 6A AWAY BOARD) - 2#2.5 AND 1#1.5SQMM
  - 6/16A SOCKET - 2#4SQMM, 1#2.5SQMM

**LEGEND:**

ITEM NO.	SYMBOL	CODE NO.	DESCRIPTION	QTY
1		1200CF	1200MM SWEEP CEILING FAN	3
2		18SCDL	18W CYLINDRICAL LED SURFACE MOUNTED LIGHT	8
3		09RMDL	9W SURFACE MOUNTED LED DOWN LIGHT	8
4		18SMDL	18W SURFACE MOUNTED LED DOWN LIGHT	22
5		09SMBH	9W SURFACE MOUNTED BULKHEAD LIGHT	5
6		15BOLL	15W BOLLARD LIGHT	10
7		10WEBL	10W WEATHER PROOF BUSH LIGHT	8
8		100ST	100W COLUMN LIGHT	6
9		DB	DISTRIBUTION BOARD	3



TENDER STAGE DRAWINGS



**NOTES:**

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. ALL DISTRIBUTION BOARDS BOTTOM SHALL BE ALIGNED AT 1500MM FROM FFL.
3. ALL MCB DB'S SHALL BE FLUSHED IN THE 200MM THICK WALL.
4. ALL SWITCH BOXES NEAR THE DOORS SHALL BE 230MM FROM THE WALL EDGE.
5. ALL SWITCH BOXES SHALL BE FLUSHED WITH THE WALL.
6. FOR ALL SURFACE WIRING IN WALL/BEAM/RCC SLAB MS CONDUIT SHALL BE USED.
7. FOR ALL CONCEALED WIRING IN WALL/BEAM/RCC SLAB PVC CONDUIT SHALL BE USED.
8. THE CONDUIT ROUTING SHALL BE DECIDED AT SITE CONSIDERING THE OTHER SERVICES DURING THE TIME OF INSTALLATION.
9. EACH CIRCUIT SHALL HAVE ITS OWN NEUTRAL AND EARTH WIRE SEPARATELY.
10. LIGHTING AND POWER CABLES/WIRES TO BE TAKEN IN SEPARATE CONDUITS.
11. THE WIRING FOR DIFFERENT PHASES SHALL BE LAID IN SEPARATE CONDUITS.
12. THE SHOWN MOUNTING HEIGHTS SHALL BE FROM FFL TO BOTTOM OF THE INSTALLATIONS.
13. THE SHOWN MOUNTING HEIGHT OF THE ELECTRICAL ITEMS ARE INDICATIVE, IT SHALL BE CONFIRMED BY THE INTERIOR DESIGNER.
14. ALL EQUIPMENTS SHALL BE SUPPLIED AS PER SPECIFICATION AND MEET THE CODAL STATUTORY REQUIREMENTS.
15. CEILING FAN BOTTOM SHALL BE ALIGNED AT BEAM BOTTOM LEVEL BY USING APPROPRIATE DOWN RODS.
16. 2# 8 SWG CU WIRE SHALL BE USED TO EARTH DB'S
17. THIS DRAWING TO BE READ IN CONJUNCTION WITH RESPECTIVE LIGHTING/POWER SLD LAYOUTS.
18. LIFT SHAFT BULK HEAD LIGHT FITTINGS AND SOCKETS SHALL BE WIRED FROM RESPECTIVE L/PDB'S OF THE LIFT MACHINE ROOM.
19. LIFT WELL BULK HEAD LIGHT/5A SOCKET SHALL BE PLACED AT EVERY LEVEL IN CONSULTATION WITH LIFT SUPPLIER
20. THE CORRIDOR AREA LIGHTING CONTROL SHALL BE ACHIEVED FROM MCB DB'S.
21. KINDLY REFER THIS DRAWING FOR ONLY ELECTRICAL SYSTEM DETAIL, FOR OTHER SERVICES/CIVIL DETAILS REFER RESPECTIVE DRAWINGS.

**REFERENCE DRAWING:**

- |                                  |                    |
|----------------------------------|--------------------|
| 1. LIGHTING LAYOUT-MAIN GATE     | IIITS-MG-DD-EL-016 |
| 2. CCTV LAYOUT-MAIN GATE         | IIITS-MG-DD-EL-018 |
| 3. SINGLE LINE DIAGRAM-MAIN GATE | IIITS-MG-DD-EL-021 |

**WIRING PATTERN:**

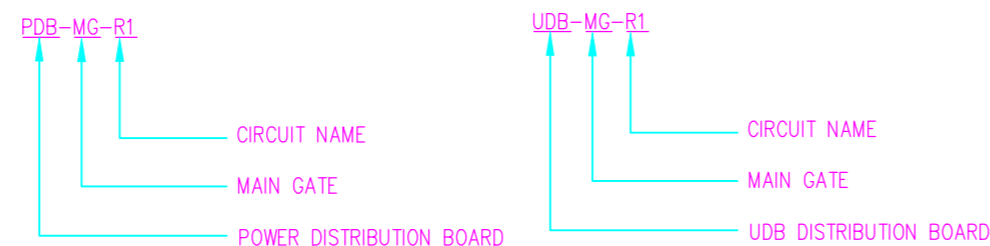
- LIGHTING:**
1. DB TO SWITCH BOARD/FIRST FIXTURE - 2#2.5 AND 1#1.5SQMM
  2. SWITCH BOARD LIGHTING POINTS - 3#1.5SQMM

**POWER SOCKET:**

1. 6A (GROUP OF 6A AWAY BOARD) - 2#2.5 AND 1#1.5SQMM
2. 6/16A SOCKET - 2#4SQMM, 1#2.5SQMM

**LEGEND:**

SL NO.	SYMBOL	CODE NO.	DESCRIPTION	MOUNTING HEIGHT FROM FFL	QTY
1	⚡	16SC1S	1#6A SOCKET CONTROLLED BY 1#6A SWITCH	600	14
2	⚡	20ACMS	1#20A MODULAR SOCKET FOR A/C	2100	04
3	⚡	26SC2U	2#6A SOCKET CONTROLLED BY 2#6A SWITCH (UPS)	600	02
4	⚡	116S1S	1#6/16A SOCKET CONTROLLED BY 1#16A SWITCH	600	06
5	⚡	216S2U	2#6/16A SOCKET CONTROLLED BY 2#16A SWITCH (UPS)	600	03
6	⚡	116S1U	1#6/16A SOCKET CONTROLLED BY 1#16A SWITCH (UPS)	600	04
7	⚡	LVDATA	DATA	600	09
8	⚡	LVVOIC	TELEPHONE	600	03
9	⚡	DB	DISTRIBUTION BOARD	1500	03
9	⚡	20ACMB	1#20A MODULAR SOCKET FOR A/C	1350	03



- NOTES:**
1. All dimensions are in mm unless noted otherwise.
  2. The dimensions are to be read and not scaled off the drawing.
  3. Any discrepancy in the drawing shall be brought to the notice of the Architects.
  4. This drawing is to be read in conjunction with other relevant drawings & specifications given in the tender document.
  5. Only the latest revision of the drawings shall be considered valid for all purposes.

**REVISIONS:**

SL.	DATE	DESCRIPTION
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

ELECTRICAL CONSULTANT  
**SV Intense Engineering Infrastructure Pvt. Ltd.**  
 Velachery, Chennai - 600042

PLUMBING & FIRE-FIGHTING CONSULTANT  
**Behera & Associates**  
 F-623A, Lado Sarai, Behind CNG Station, New Delhi

HVAC CONSULTANT  
**Abid Husain Consultants**  
 LG-182, Jeevan Prakash Apartment, 16A, Okhla, New Delhi

STRUCTURAL CONSULTANT  
**Jehovaking Engineering Consultants Pvt. Ltd.**  
 6th Cross Street, Lakshmi Nagar, Porur, Chennai - 600116

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CLIENT  
**Indian Institute of Information Technology  
 Sri City, Chittoor**

Andhra Pradesh

**ARCHITECT**

**AADPL**  
**Aadharshila Designs Pvt. Ltd.**

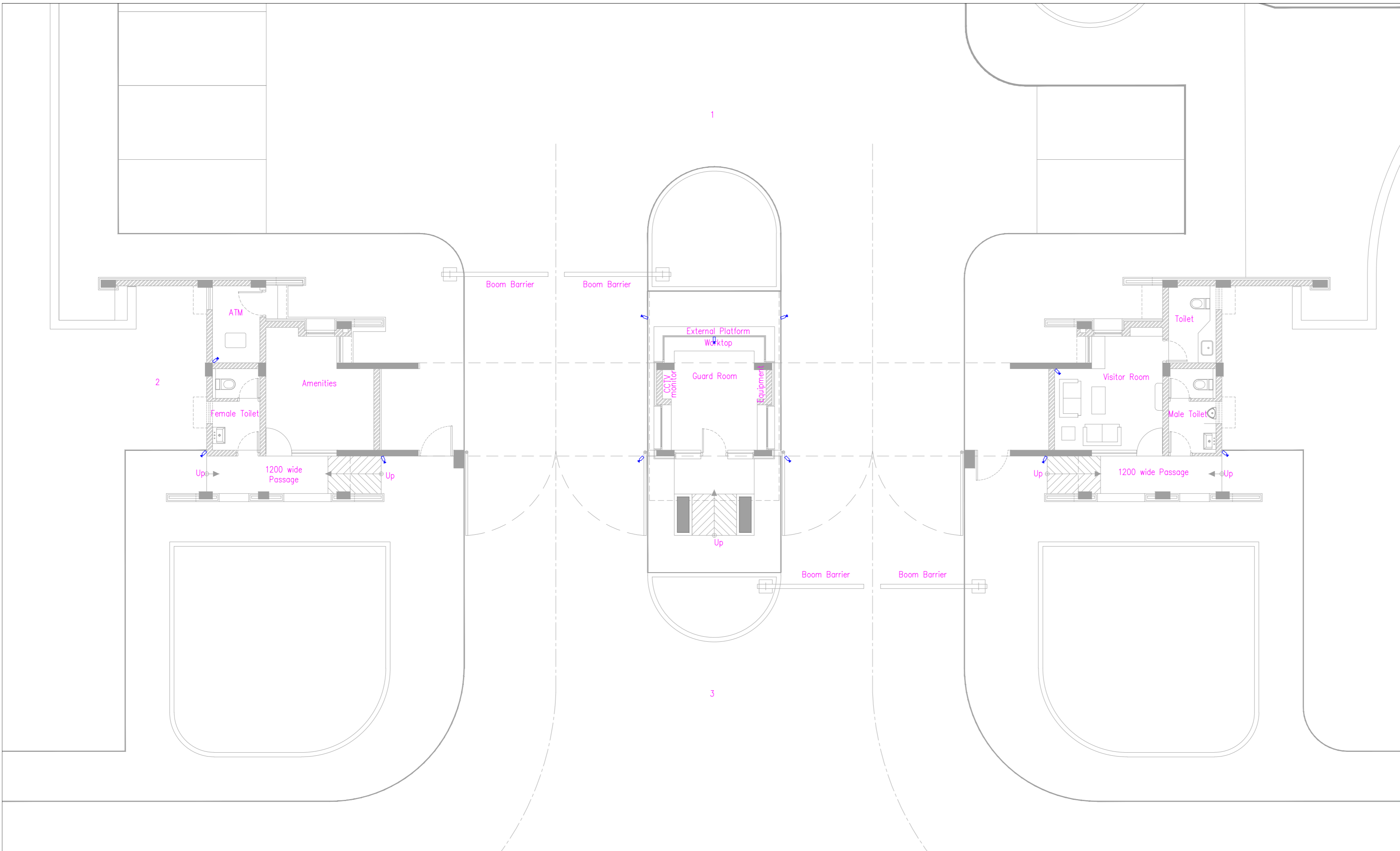


B - 4/124, L. G. F., Safdarjung Enclave, New Delhi - 110029.  
 Tel: +91 11 26100433 - 6, Fax: +91 11 26177678,  
 E-mail: adpl@adpl.in

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DRAWING TITLE <b>SMALL POWER LAYOUT</b>		 <b>REV.</b>  <b>R0</b>
DATE 30.05.2024	SCALE 1:100 @ A2	
DRAWING NO. <b>IIITS / MG / TD / EL / 017</b>		

**TENDER STAGE DRAWINGS**



- NOTES:**
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**REVISIONS:**

SL.	DATE	DESCRIPTION
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
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-	-	-
-	-	-

**ELECTRICAL CONSULTANT**  
**SV Intense Engineering Infrastructure Pvt. Ltd.**  
 Velachery, Chennai - 600042

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**PROJECT**  
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 B - 4/124, L. G. F., Safdarjung Enclave, New Delhi - 110029.  
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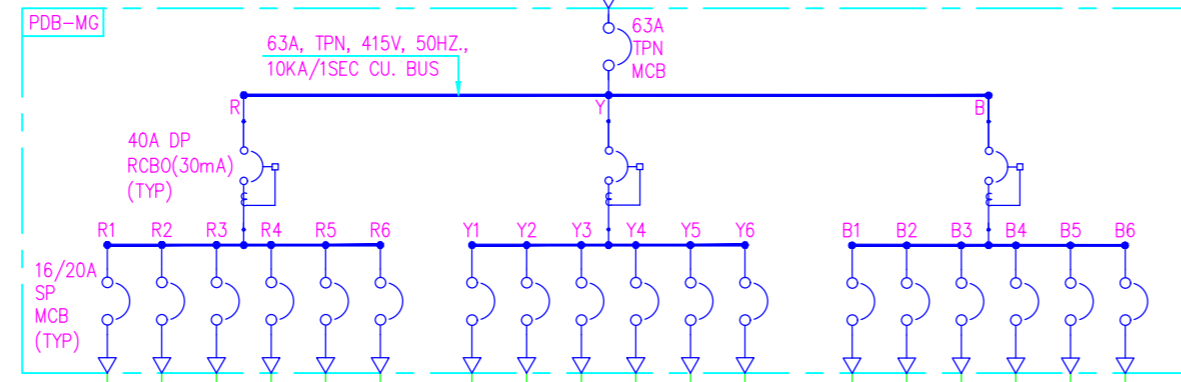
<b>DRAWING TITLE</b> CCTV LAYOUT		
<b>MAIN ENTRANCE GATE COMPLEX</b>		
<b>DATE</b> 30.05.2024	<b>SCALE</b> 1:100 @ A2	<b>REV.</b>  <b>R0</b>
<b>DRAWING NO.</b> IIITS / MG / TD / EL / 018		

**LEGEND:**

SL NO.	SYMBOL	CODE NO.	DESCRIPTION	MOUNTING HEIGHT	QTY
1		BICCTV	BULLET INDOOR CAMERA-20METER RANGE	-	04
2		BOCCTV	BULLET OUTDOOR CAMERA-20METER RANGE	-	10

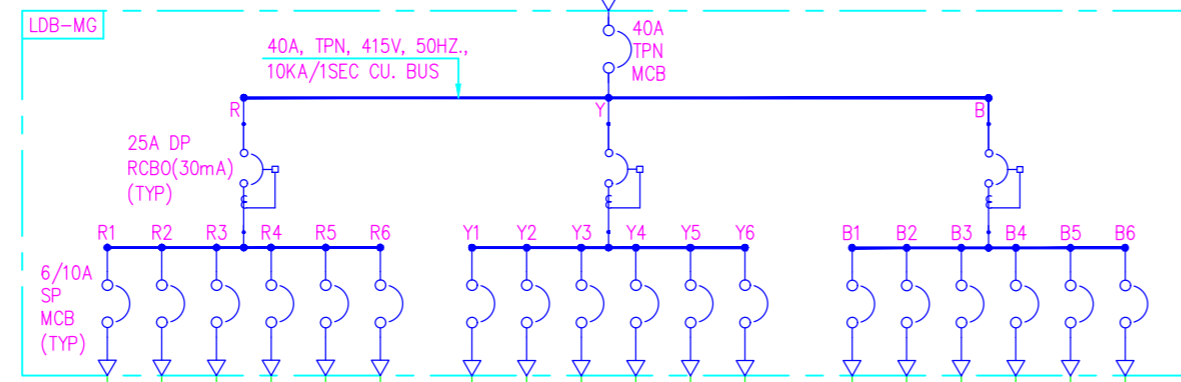
**TENDER STAGE DRAWINGS**

SINGLE LINE DIAGRAM-PDB-MG



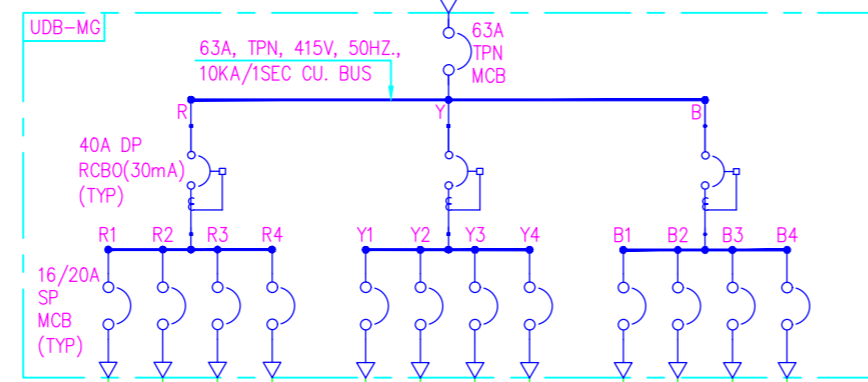
PDB-MG		CIRCUITWISE DISTRIBUTION CHART																								
SL. NO	FIXTURE TYPE	UNIT LOAD (W)	R1	R2	R3	R4	R5	R6	KW	Y1	Y2	Y3	Y4	Y5	Y6	KW	B1	B2	B3	B4	B5	B6	KW	NO.OF FIXTURES	TOTAL LOAD (KW)	
<b>MCB RATING</b>			<b>20A</b>	<b>20A</b>	<b>16A</b>	<b>16A</b>	<b>16A</b>	<b>20A</b>		<b>20A</b>	<b>16A</b>	<b>16A</b>	<b>16A</b>	<b>16A</b>	<b>20A</b>		<b>20A</b>	<b>16A</b>	<b>16A</b>	<b>16A</b>	<b>16A</b>	<b>20A</b>				
1	1#6A SOCKET CONTROLLED BY 1#6A SWITCH	100				1			0.10							0.60								15	1.50	
2	1#6/16A SOCKET CONTROLLED BY 1#16A SWITCH	500			1				1.00							1.50								7	3.50	
3	1#20A MODULAR SOCKET FOR A/C 1.5 TON	2025		1					2.03			1	2											2	4.05	
4	1#20A MODULAR SOCKET FOR A/C 2 TON	2700	1						2.70	1						2.70								2	5.40	
			<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>			<b>5.83</b>	<b>1</b>	<b>6</b>	<b>1</b>	<b>2</b>			<b>4.80</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>4</b>				<b>3.83</b>	<b>26</b>	<b>14.45</b>
			AMENITIES	GUARD ROOM	FEMALE TOILET	TERRACE FLOOR	SPARE	SPARE	TOTAL LOAD IN 'R' PHASE	VISITOR ROOM	AMENITIES	AMENITIES	MALE TOILET	SPARE	SPARE	TOTAL LOAD IN 'Y' PHASE	ATM	GUARD ROOM	VISITOR ROOM	VISITOR ROOM	SPARE	SPARE	TOTAL LOAD IN 'B' PHASE			

SINGLE LINE DIAGRAM-LDB-MG



LDB-MG		CIRCUITWISE DISTRIBUTION CHART																							
SL. NO	FIXTURE TYPE	UNIT LOAD (W)	R1	R2	R3	R4	R5	R6	KW	Y1	Y2	Y3	Y4	Y5	Y6	KW	B1	B2	B3	B4	B5	B6	KW	NO.OF FIXTURES	TOTAL LOAD (KW)
<b>MCB RATING</b>			<b>6A</b>	<b>6A</b>	<b>6A</b>	<b>6A</b>	<b>6A</b>	<b>10A</b>		<b>6A</b>	<b>6A</b>	<b>6A</b>	<b>6A</b>	<b>6A</b>	<b>10A</b>		<b>6A</b>	<b>6A</b>	<b>6A</b>	<b>6A</b>	<b>10A</b>				
1	18W CYLINDRICAL LED SURFACE MOUNTED LIGHT	18							0.02							0.11								6	0.11
2	9W SURFACE MOUNTED LED DOWN LIGHT	9		2					0.02							0.02								4	0.04
3	18W SURFACE MOUNTED LED DOWN LIGHT	18		3					0.05		3					0.05			4	4				14	0.25
4	9W SURFACE MOUNTED BULKHEAD LIGHT	9		2					0.02		1					0.01			2					5	0.05
5	15W BOLLARD LIGHT	15			4				0.06		2	4				0.09								10	0.15
6	10W WEATHER PROOF BUSH LIGHT	10			4				0.04			4				0.04								8	0.08
7	100W COLUMN LIGHT	100	3						0.30							3								6	0.60
8	32W (2'X2') RECESS MOUNTED LED LIGHT	32		1					0.03							0.03								2	0.06
			<b>3</b>	<b>8</b>	<b>8</b>				<b>0.52</b>	<b>6</b>	<b>6</b>	<b>8</b>				<b>0.30</b>	<b>3</b>	<b>9</b>	<b>4</b>				<b>0.51</b>	<b>55</b>	<b>1.34</b>
			DRIVEWAY	VISITOR ROOM/PASSAGE/TOILET	LANDSCAPE AREA	LANDSCAPE AREA	SPARE	SPARE	TOTAL LOAD IN 'R' PHASE	PASSAGE	GUARD ROOM/EXTERNAL PLATFORM	LANDSCAPE AREA	SPARE	SPARE	SPARE	TOTAL LOAD IN 'Y' PHASE	DRIVEWAY	AMENITIES/TOILET /ATM/PASSAGE	TERRACE FLOOR	SPARE	SPARE	SPARE	TOTAL LOAD IN 'B' PHASE		

SINGLE LINE DIAGRAM-USB-MG



USB-MG		CIRCUITWISE DISTRIBUTION CHART																							
SL. NO	FIXTURE TYPE	UNIT LOAD (W)	R1	R2	R3	R4	KW	Y1	Y2	Y3	Y4	KW	B1	B2	B3	B4	KW	NO.OF FIXTURES	TOTAL LOAD (KW)						
<b>MCB RATING</b>			<b>16A</b>	<b>16A</b>	<b>16A</b>	<b>20A</b>		<b>16A</b>	<b>16A</b>	<b>16A</b>	<b>20A</b>		<b>16A</b>	<b>16A</b>	<b>16A</b>	<b>20A</b>									
1	18W CYLINDRICAL LED SURFACE MOUNTED LIGHT	18	1	1			0.04																	2	0.04
2	9W SURFACE MOUNTED LED DOWN LIGHT	9	1	3			0.04																	4	0.04
3	18W SURFACE MOUNTED LED DOWN LIGHT	18	4	2			0.11																	6	0.11
4	1#6A/16A SOCKET CONTROLLED BY 1#16A SWITCH (UPS)	300																							
5	2#6A SOCKET CONTROLLED BY 2#6A SWITCH (UPS)	200																							
6	2#6/16A SOCKET CONTROLLED BY 2#16A SWITCH (UPS)	600				1	0.60	1	1			1.20												3	1.80
			<b>6</b>	<b>6</b>	<b>1</b>		<b>0.78</b>	<b>1</b>	<b>1</b>			<b>1.20</b>	<b>2</b>											<b>17</b>	<b>2.38</b>
			PASSAGE/TOILETS /AMENITIES/GUARD ROOM	PASSAGE/VISITOR ROOM/TOILET	ATM	SPARE	TOTAL LOAD IN 'R' PHASE	GUARD ROOM	GUARD ROOM	BOOM BARRIER	SPARE	TOTAL LOAD IN 'Y' PHASE	GUARD ROOM	BOOM BARRIER	SPARE	SPARE	TOTAL LOAD IN 'B' PHASE								

NOTES :

- THE PANELS SHALL SATISFY ALL REQUIRED LOCAL STATUTORY NORMS.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH RESPECTIVE SLD'S AND LAYOUTS.
- FOR ALL THE CABLE SIZES REFER CABLE SCHEDULES.

REFERENCE DRAWING:

- LIGHTING LAYOUT-MAIN GATE IIITS-MG-DD-EL-016
- SMALL POWER LAYOUT-MAIN GATE IIITS-MG-DD-EL-017

LEGEND: -

S.NO	SYMBOL	DESCRIPTION
1		MINIATURE CIRCUIT BREAKER (MCB)
2		RESIDUAL CURRENT OPERATED CIRCUIT BREAKER WITH OVER CURRENT PROTECTION
3		CABLE END TERMINATION

REVISIONS:

SL.	DATE	DESCRIPTION
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

ELECTRICAL CONSULTANT  
SV Intense Engineering Infrastructure.  
Velachery, Chennai - 600042

STRUCTURAL CONSULTANT  
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6th Cross Street, Lakshmi Nagar, Porur, Chennai - 600116

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B - 4/124, L. G. F., Safdarjung Enclave, New Delhi - 110029.  
Tel: +91 11 26100433 - 6, Fax: +91 11 26177678,  
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DRAWING TITLE		REV.
SLD-LDB, PDB, UDB		
MAIN ENTRANCE GATE COMPLEX		R0
DATE	SCALE	
30.05.2024	1:150 @ A2	
DRAWING NO.		
IIITS / MG / TD / EL-021		

TENDER STAGE DRAWINGS

