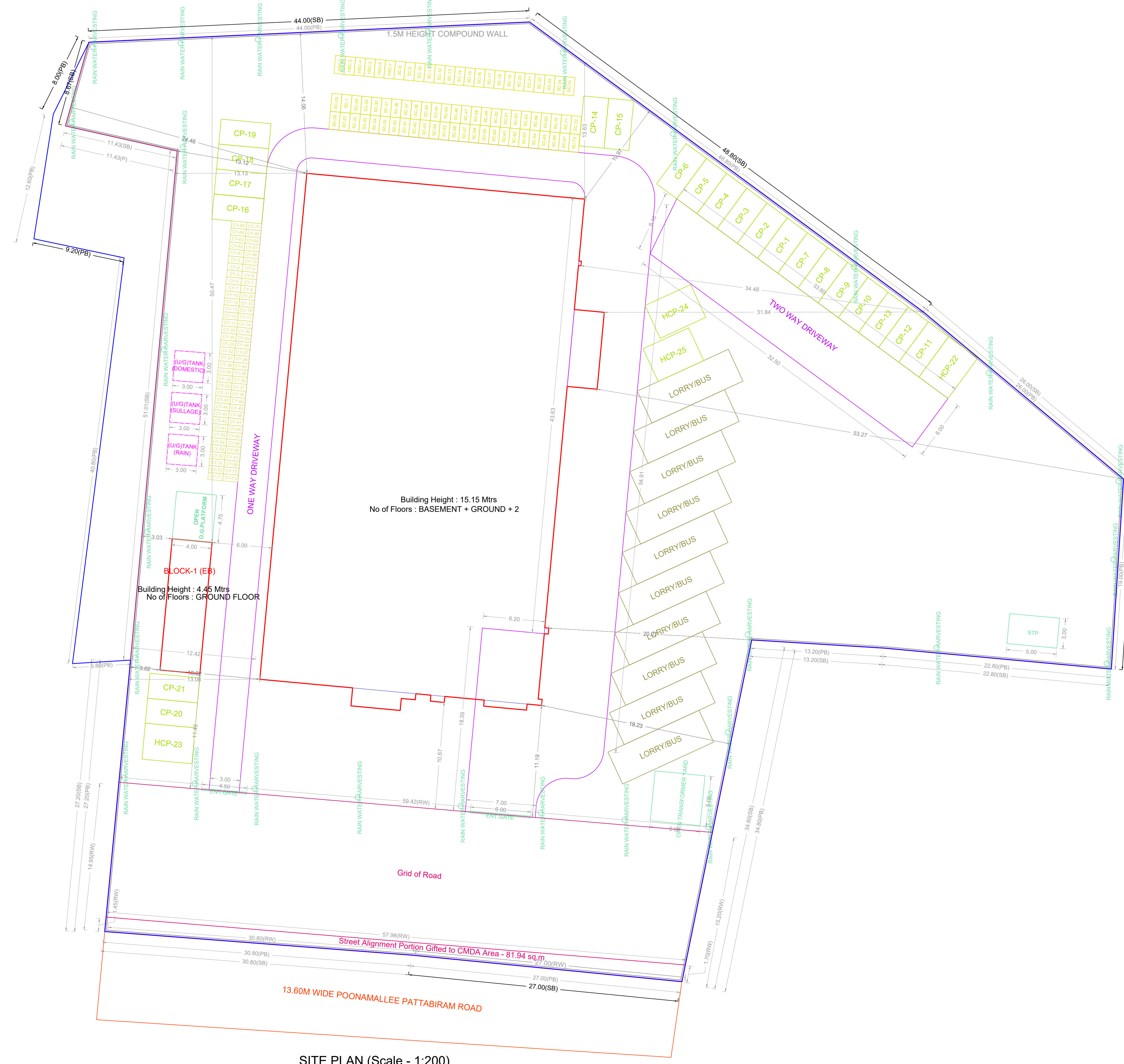


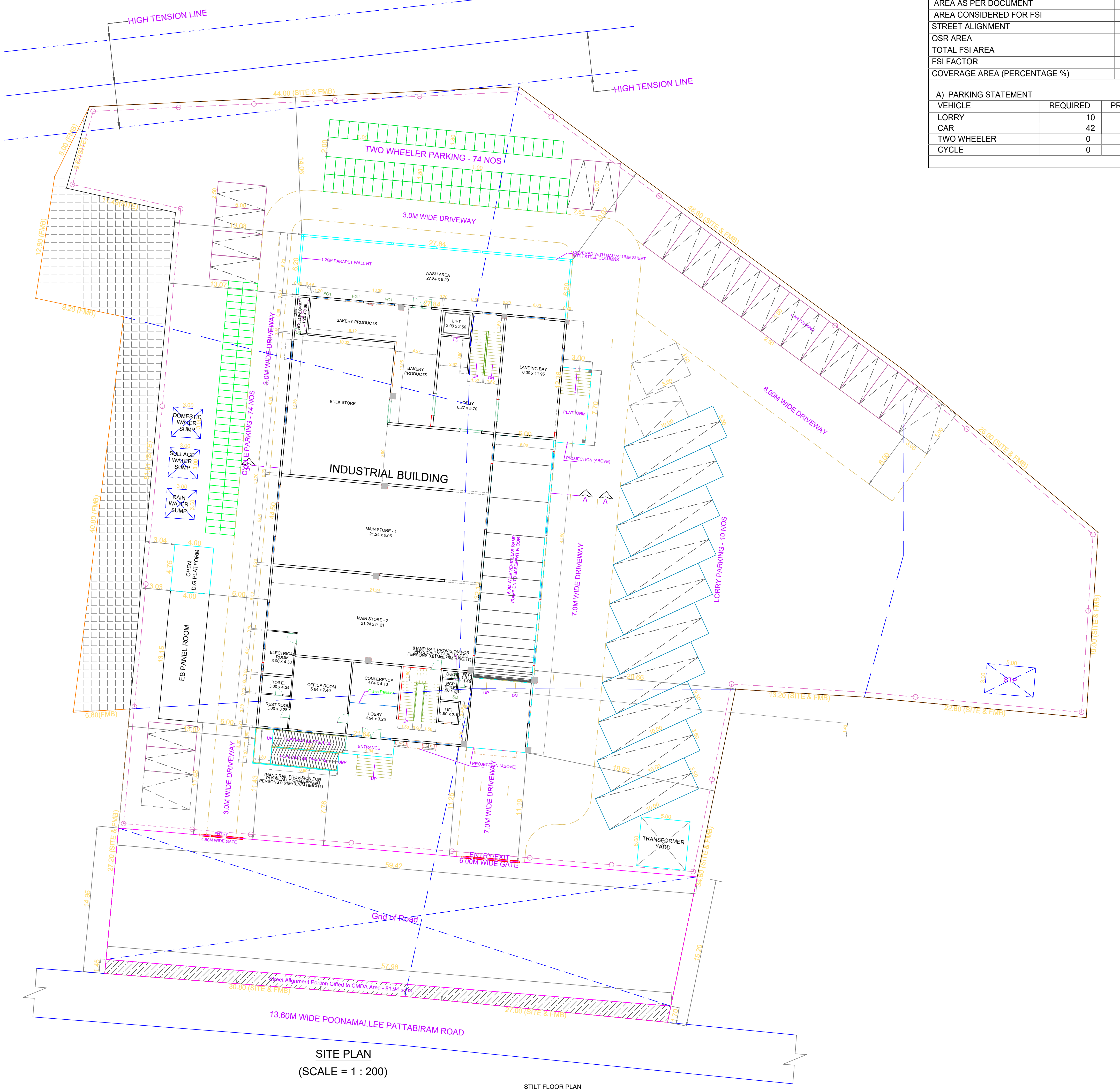
SITE PLAN SHOWING THE PROPOSED INDUSTRIAL BUILDING CONSISTS OF 2 BLOCKS, BLOCK 1 - BASEMENT FLOOR + GROUND FLOOR + 2 FLOORS - MANUFACTURING OF BAKERY/ CONFECTIONARY/SWEET PRODUCTS WITH GAS OR ELECTRICAL OVEN - GREEN INDUSTRY - 30HP. BLOCK 2 - GROUND FLOOR - EB, BMS & OPEN GENSET AT POONAMALLEE PATTABIRAM ROAD VAYALANALLUR, CHENNAI COMPRISED IN OLDS NO. 20/7, 22/2, 22/3A, & 22/4A1B, NEW S NO. 20/7A, 20/7B, 22/2A1, 22/2A2, 22/3A2 & 22/4A1B, GUYALANALLUR VILLAGE, WITHIN THE LIMITS OF POONAMALLEE PANCHAYAT UNION.

A) AREA STATEMENT	SQ.M.
AREA AS PER PATTA	6686.00
AREA AS PER DOCUMENT	6717.73
AREA CONSIDERED FOR FSI	6686.00
STREET ALIGNMENT	81.94
OSR AREA	0.00
TOTAL FSI AREA	3758.65
FSI FACTOR	0.562
COVERAGE AREA (PERCENTAGE %)	NA

A) PARKING STATEMENT	REQUIRED	PROVIDED
VEHICLE		
LORRY	10	19
CAR	42	43
TWO WHEELER	0	80
CYCLE	0	74

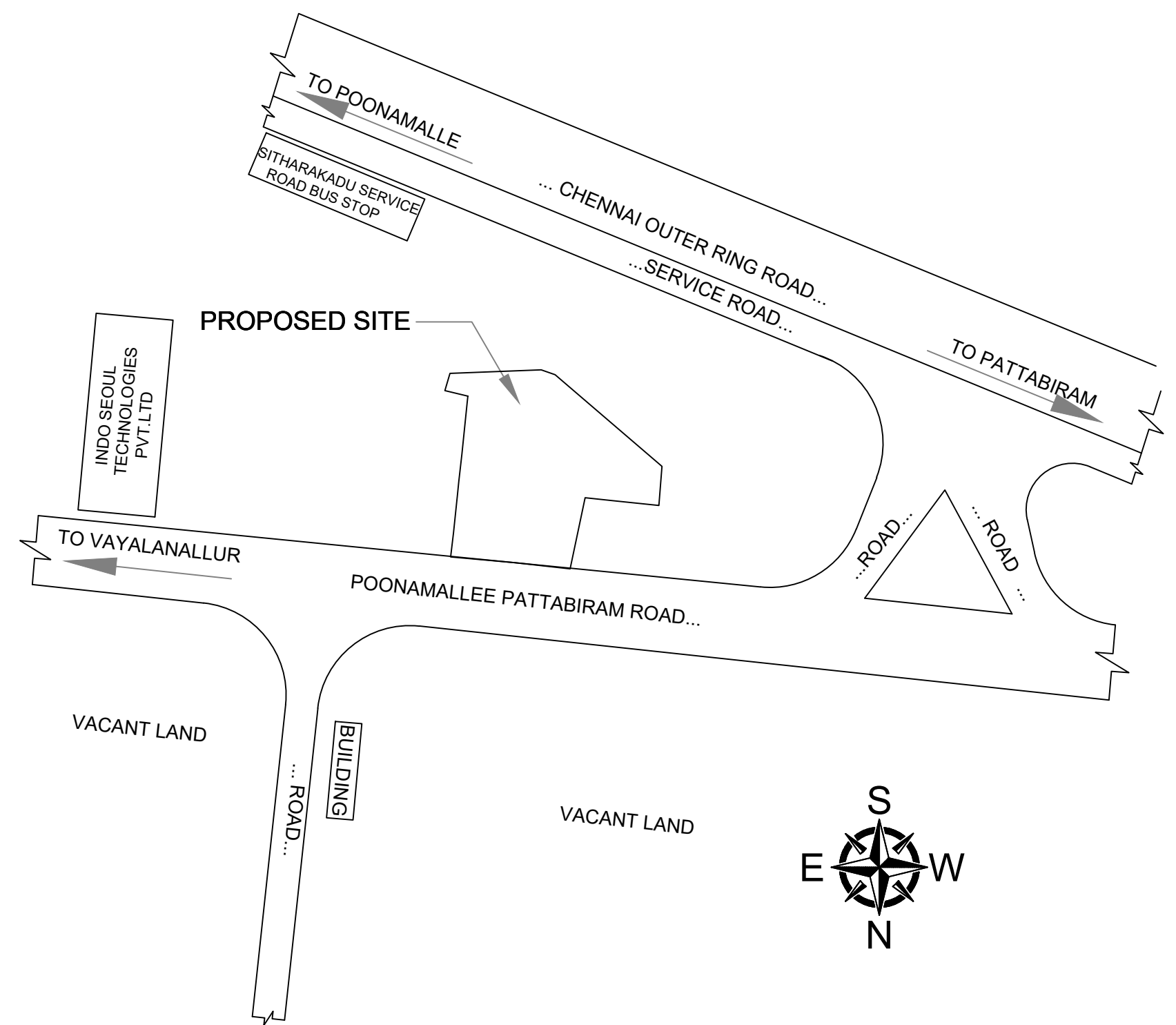


SITE PLAN (Scale - 1:200)



SITE PLAN (SCALE = 1 : 200)

STILT FLOOR PLAN



Location plan (Taken as per User Inputs)

**FLOOR WISE FSI STATEMENT: BLOCK (EB)**

FLOORS	COMM.	RESI.	IND.	SPEC.	DU	TOTAL FSI AREA
Terrace	0.00	0.00	0.00	0.00	0	0.00
GROUND FLOOR	0.00	0.00	52.60	0.00	0	52.60
Total	0.00	0.00	52.60	0.00	0	52.60

**FLOOR WISE FSI STATEMENT: BLOCK (IND)**

FLOORS	COMM.	RESI.	IND.	SPEC.	DU	TOTAL FSI AREA
Terrace	0.00	0.00	0.00	0.00	0	0.00
SECOND FLOOR	0.00	0.00	1234.36	0.00	0	1234.36
FIRST FLOOR	0.00	0.00	1234.36	0.00	0	1234.36
STILT FLOOR	0.00	0.00	1237.33	0.00	0	1237.33
BASEMENT PARKING FLOOR	0.00	0.00	0.00	0.00	0	0.00
Total	0.00	0.00	3706.05	0.00	0	3706.05

**BUILDING WISE FSI STATEMENT**

BUILDING	NO OF SAME BUILDING	COMM.	RESI.	IND.	SPEC.	DU	TOTAL FSI AREA
BLOCK-1 (EB)		0.00	0.00	52.60	0.00	0	52.60
BLOCK-1 (IND)		0.00	0.00	3706.05	0.00	0	3706.05
Total		0.00	0.00	3758.65	0.00	0	3758.65

**APPROVAL CONDITION**

SCALE: 1:100

**CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY**

**APPROVED**

SUBJECT TO THE CONDITIONS MENTIONED IN THIS OFFICE

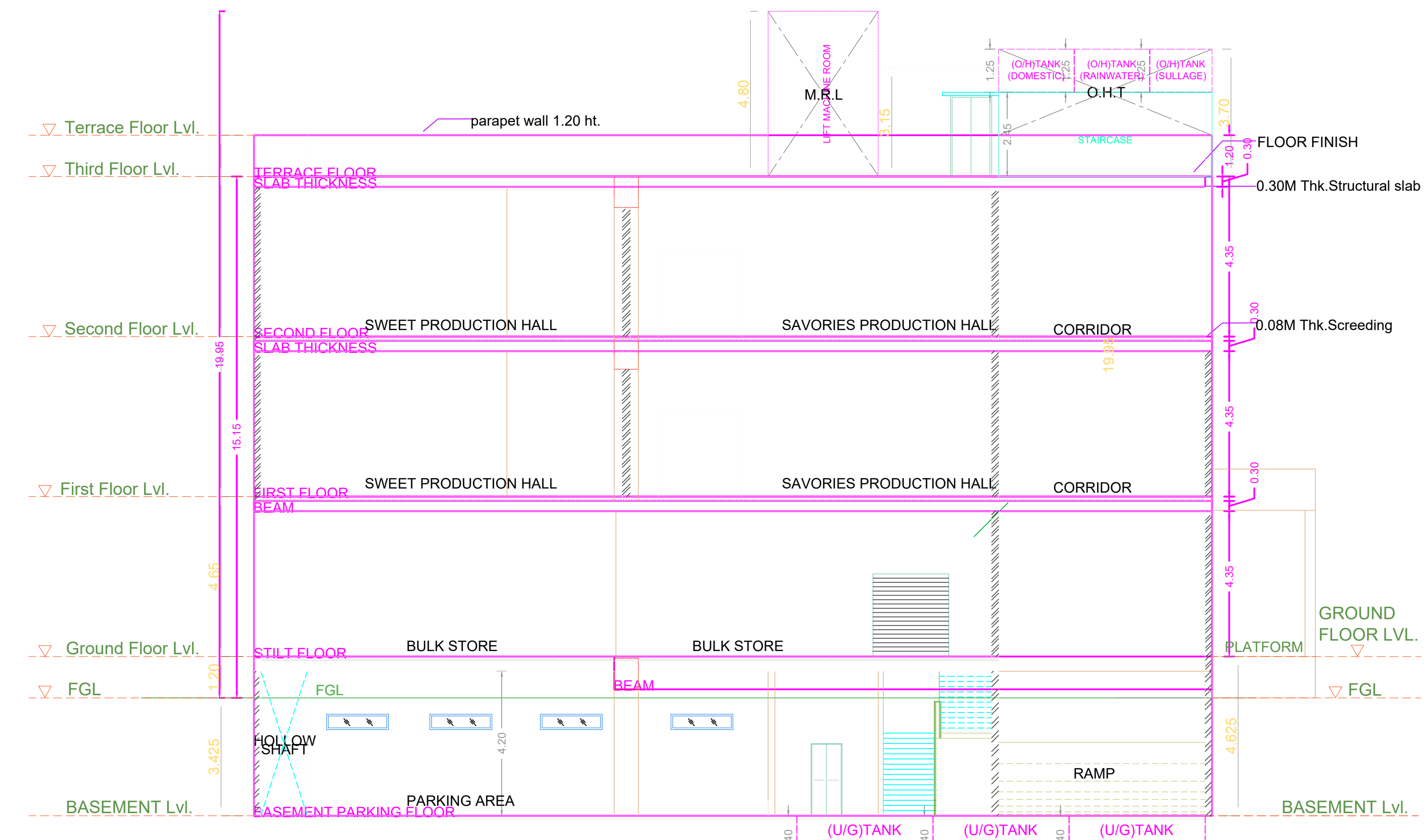
For (Client/Planner / Chief Planner / Member Secretary)  
High Rise Building / Non High Rise Building  
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KEY NO. 3688

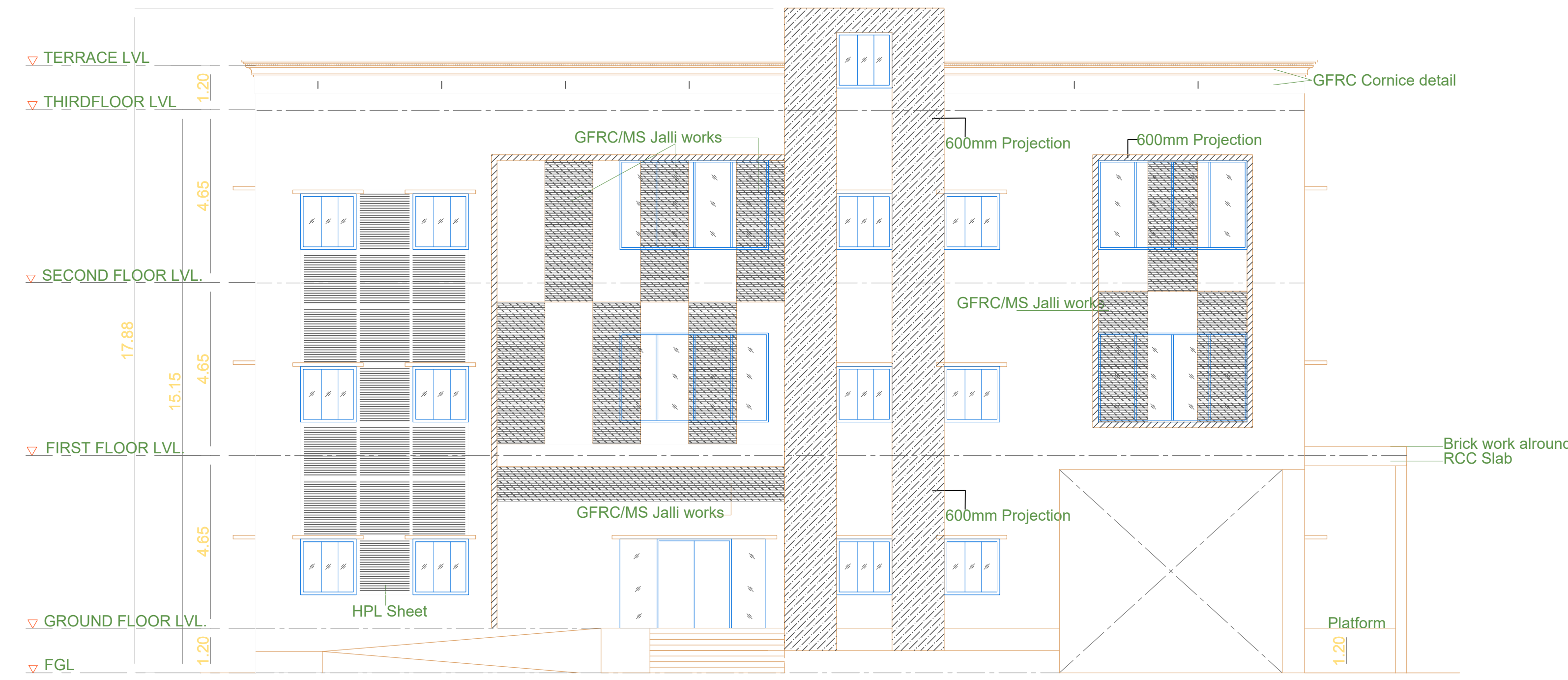
QR CODE

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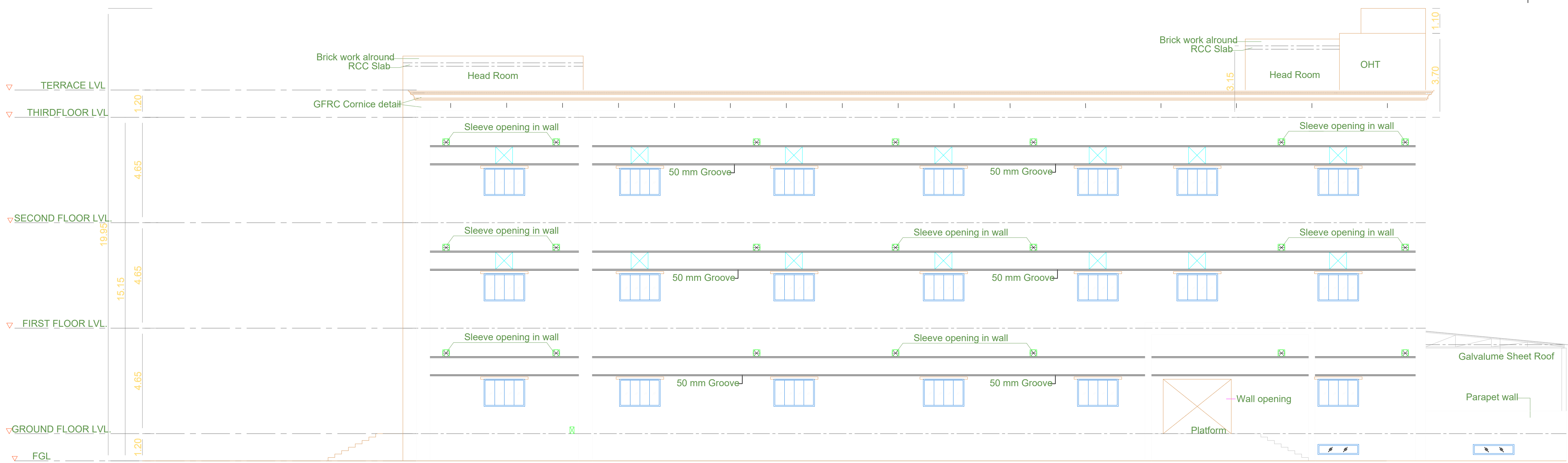
BUILDING: BLOCK (IND)



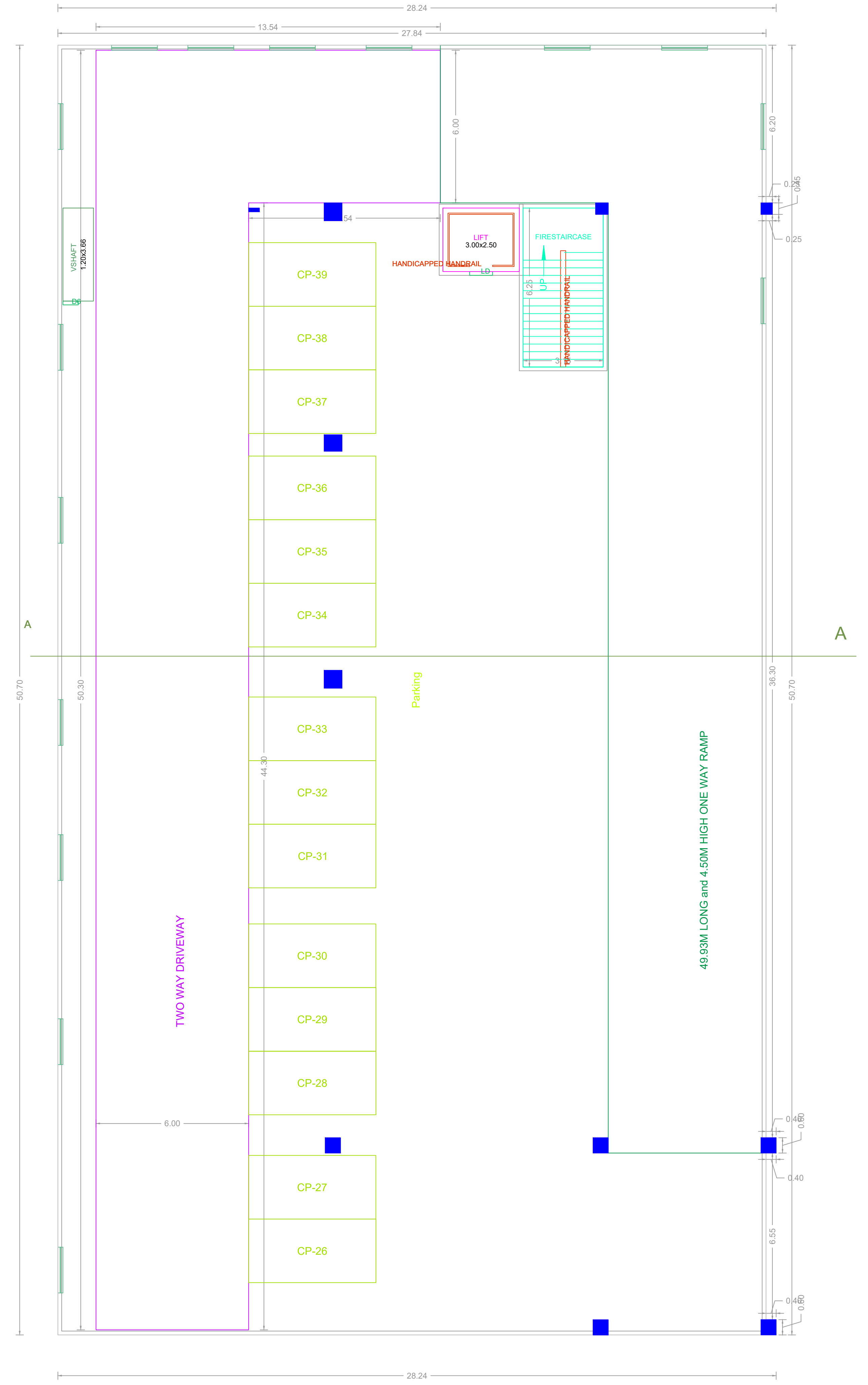
SECTION - 'AA'



FRONT ELEVATION



WEST SIDE ELEVATION

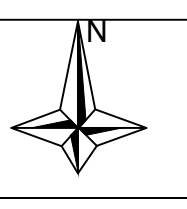


BASEMENT PARKING FLOOR PLAN

APPROVAL CONDITION

APPROVAL CONDITION

SCALE 1:100



CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY

APPROVED

SUBJECT TO THE CONDITIONS MENTIONED IN THIS OFFICE

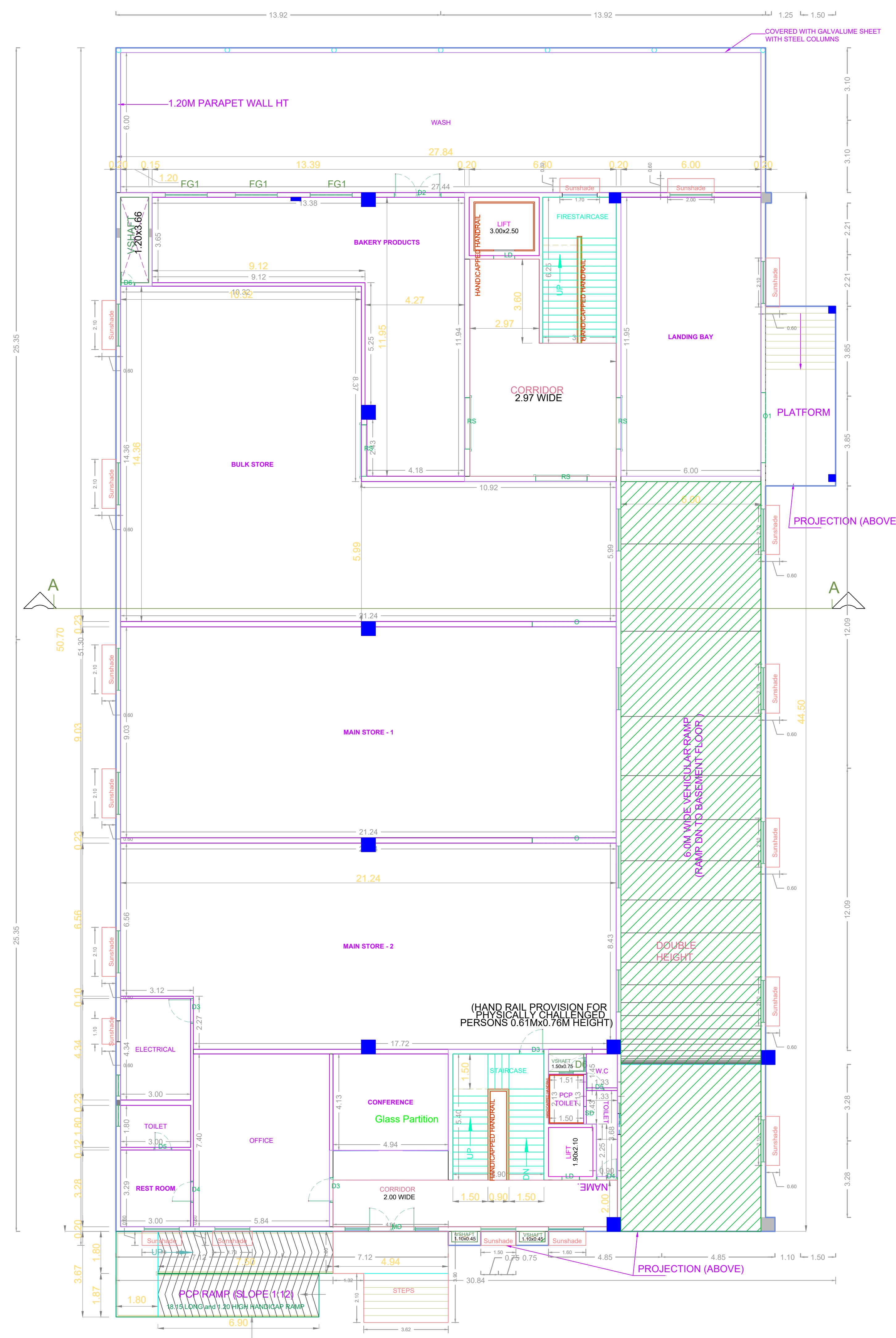
For (Client/Planner / Chief Planner / Member Secretary) High Rise Building / Non High Rise Building This Approval is valid only after building Permit is issued by the concerned Local Body.

KEY NO. 3688 QR CODE

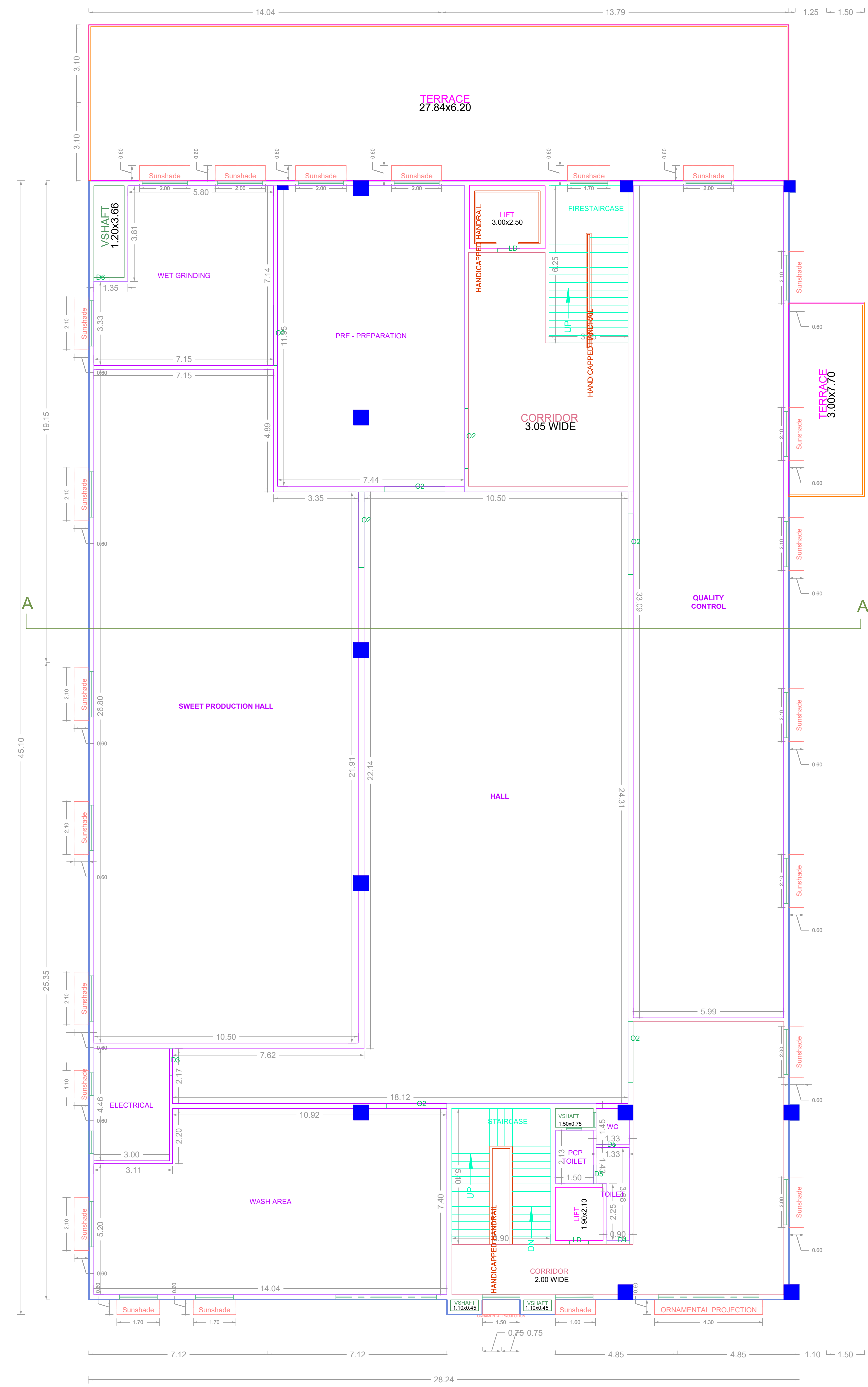
NO.	NAME	DESIGNATION	DATE	REMARKS

SITE PLAN SHOWING THE PROPOSED INDUSTRIAL BUILDING CONSISTS OF 2 BLOCKS. BLOCK 1 - BASEMENT FLOOR + GROUND FLOOR + 2 FLOORS - MANUFACTURING OF BAKERY/ CONFECTIONARY/SWEET PRODUCTS WITH GAS OR ELECTRICAL OVEN - GREEN INDUSTRY : 30HP. BLOCK 2 - GROUND FLOOR - EB, BMS & OPEN GENSET ATPOONAMALLEE PATTABIRAM ROAD, VAYALANALLUR, CHENNAI COMPRISED IN OLDS NO. 20/7, 22/2, 22/3A, & 22/4A1, NEW S.NO. 20/7A, 20/7B, 22/1A, 22/2A1, 22/3A2 & 22/4A1B, OF VAYALANALLUR VILLAGE, WITHIN THE LIMITS OFPOONAMALLEE PANCHAYAT UNION.

BUILDING: BLOCK (IND)



GROUND FLOOR PLAN

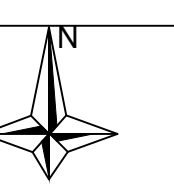


FIRST FLOOR PLAN

APPROVAL CONDITION

1. The Planning Permission is valid for a period of 5 years from the date of issue of this permission. 2. The permission is valid only after building permit is issued by the concerned Local Body.

SCALE 1:100



CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY  
APPROVED

SUBJECT TO THE CONDITIONS MENTIONED IN THIS OFFICE

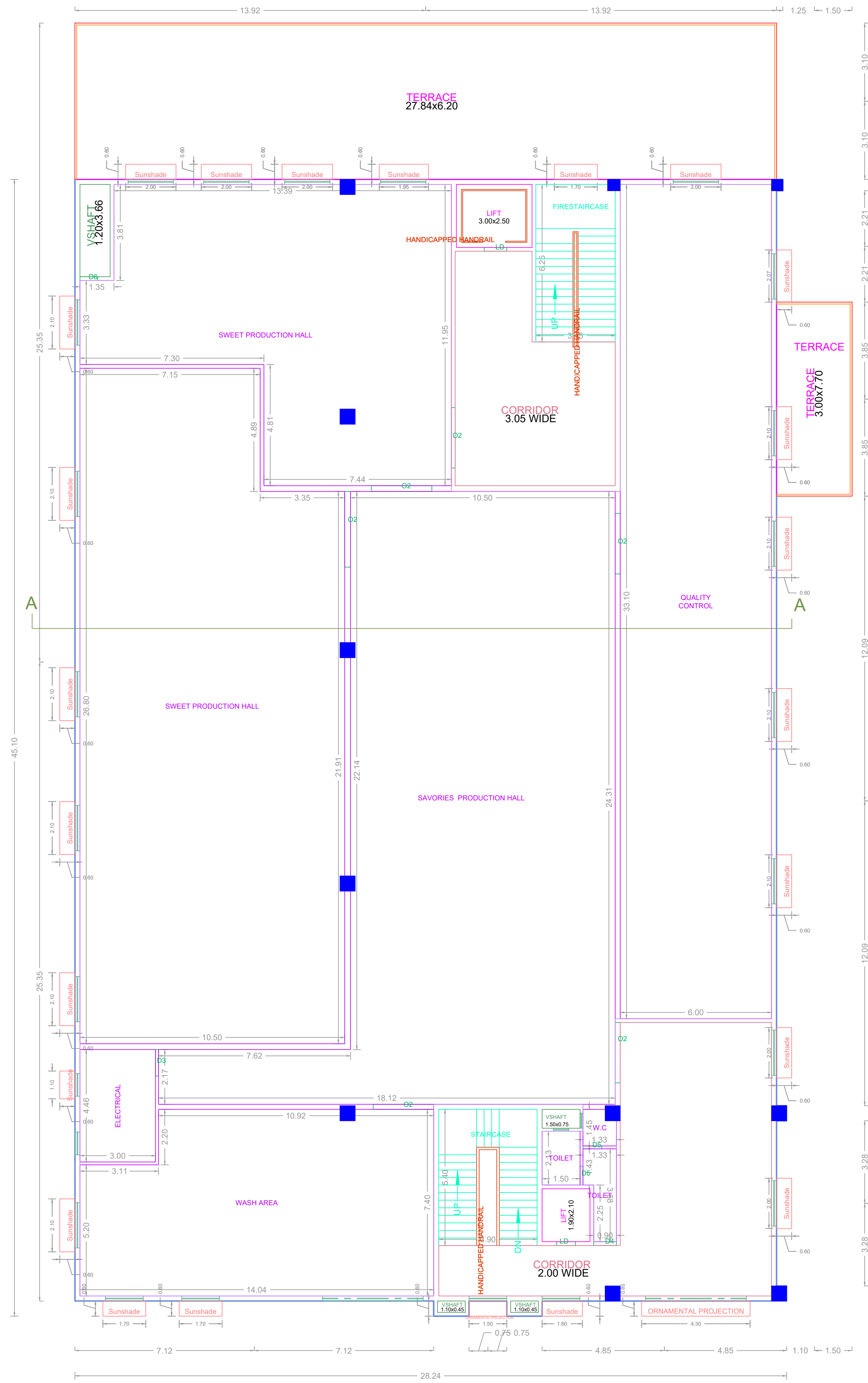
This Planning Permission issued under the provisions of the MCDR, 1973 (as amended) is valid for a period of 5 years from the date of issue of this permission. It is subject to the conditions mentioned in this office. No. 6912 & 6913 of 2019.

For Deputy Planner / Chief Planner / Member (Secretary)  
High Rise Building / Non High Rise Building  
This Approval is valid only after Building Permit is issued by the concerned Local Body.

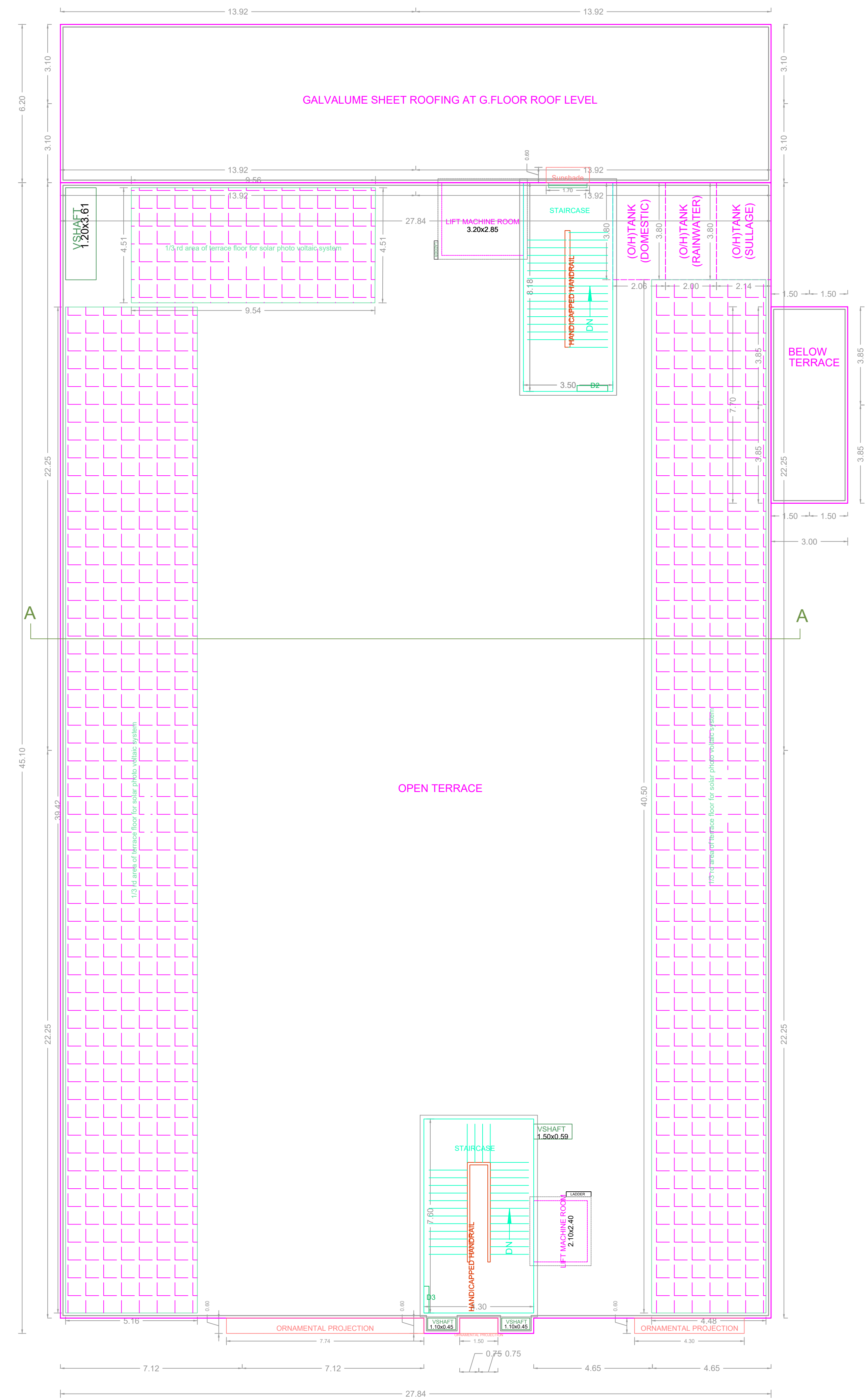
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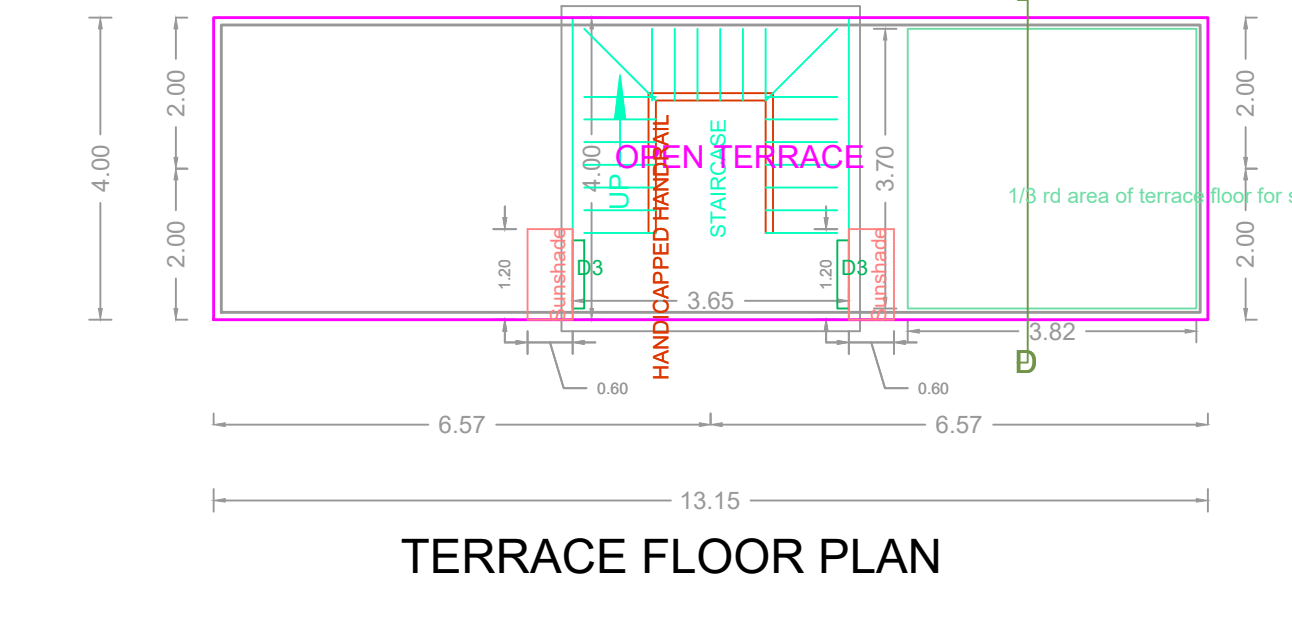
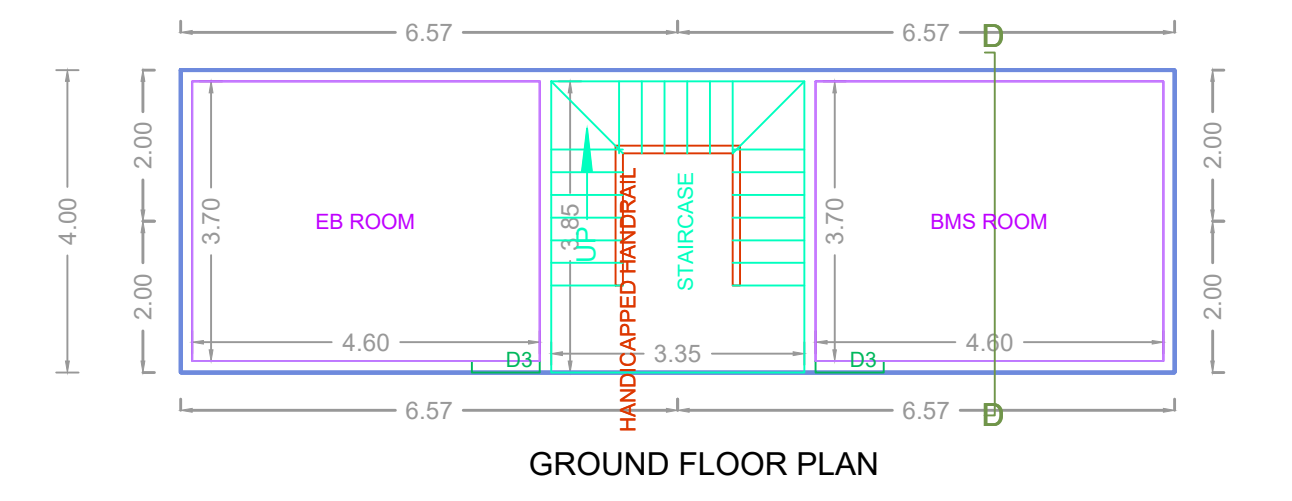
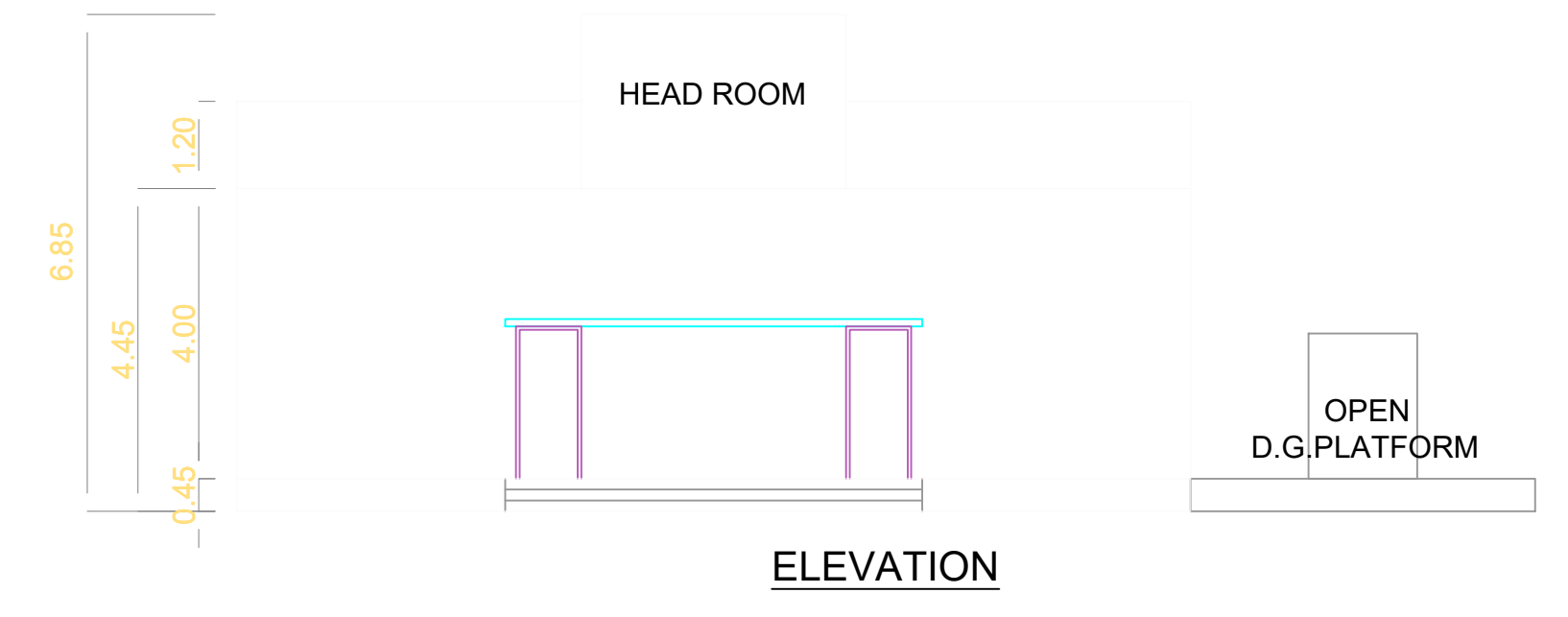
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SECOND FLOOR PLAN

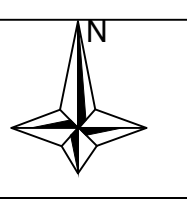


TERRACE FLOOR PLAN



**APPROVAL CONDITION**

SCALE: 1:100



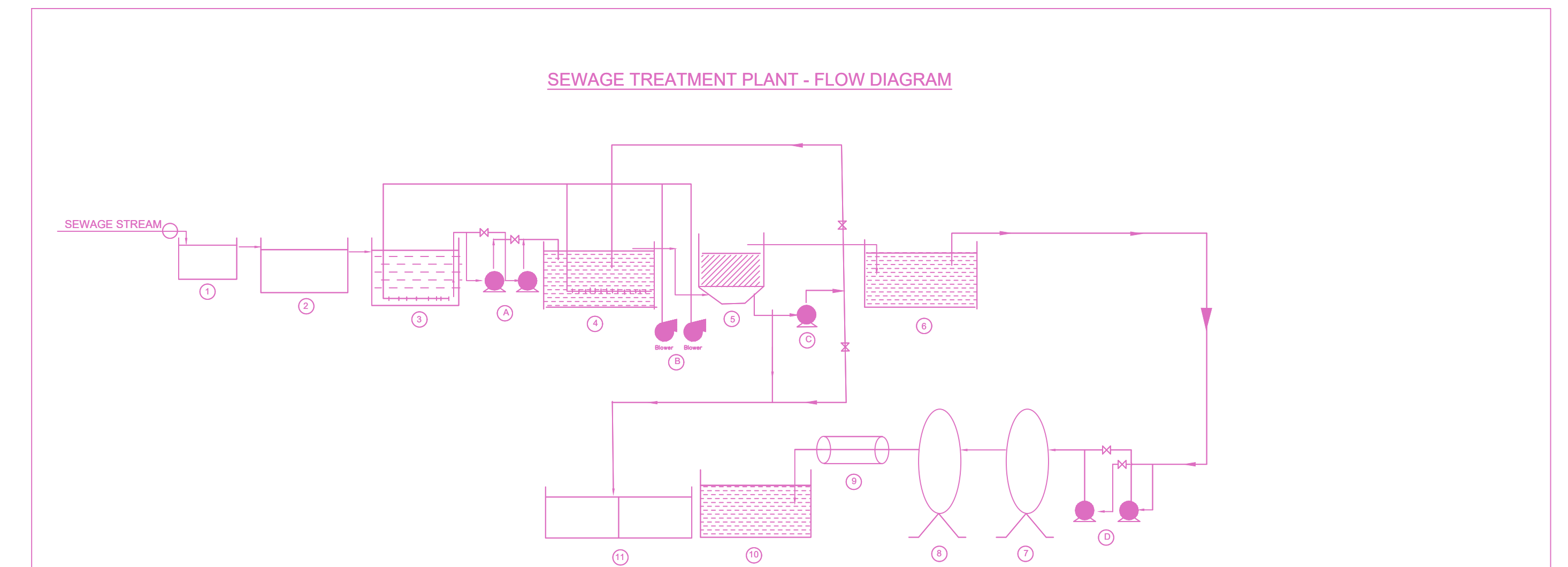
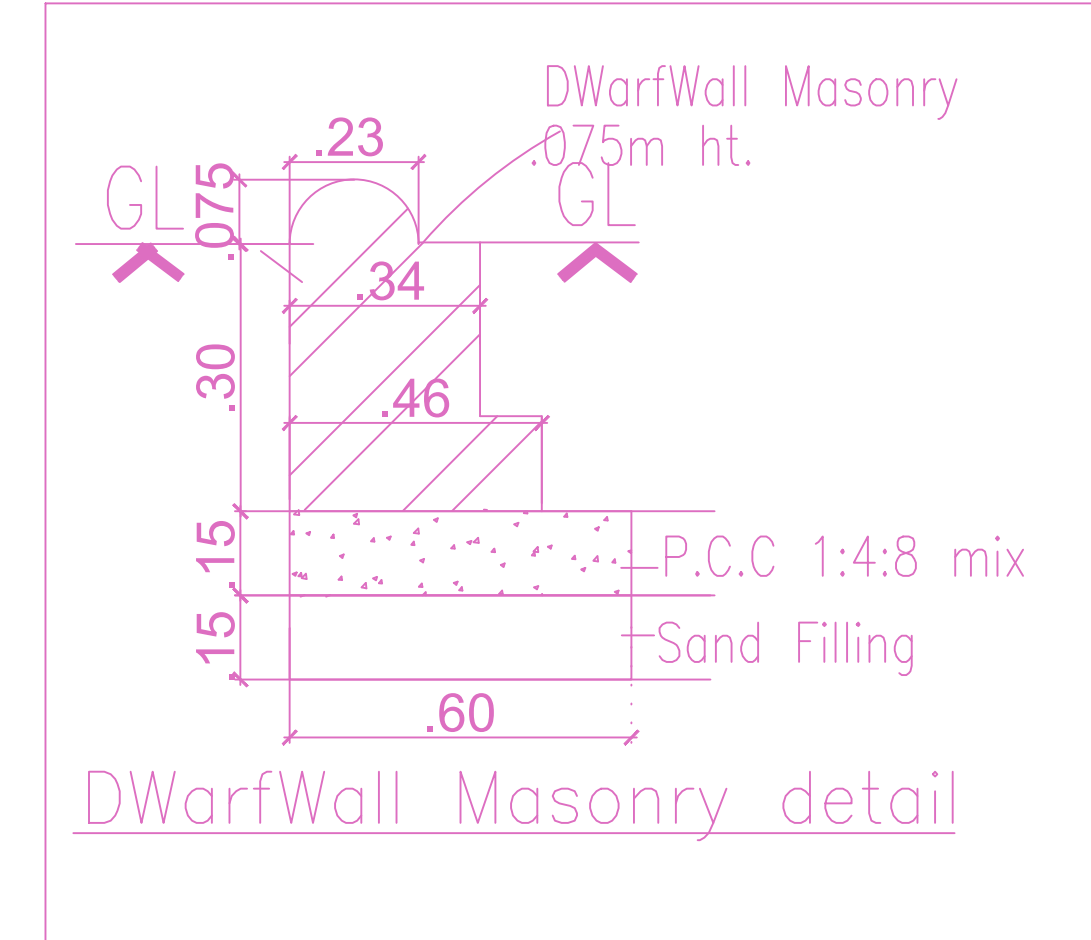
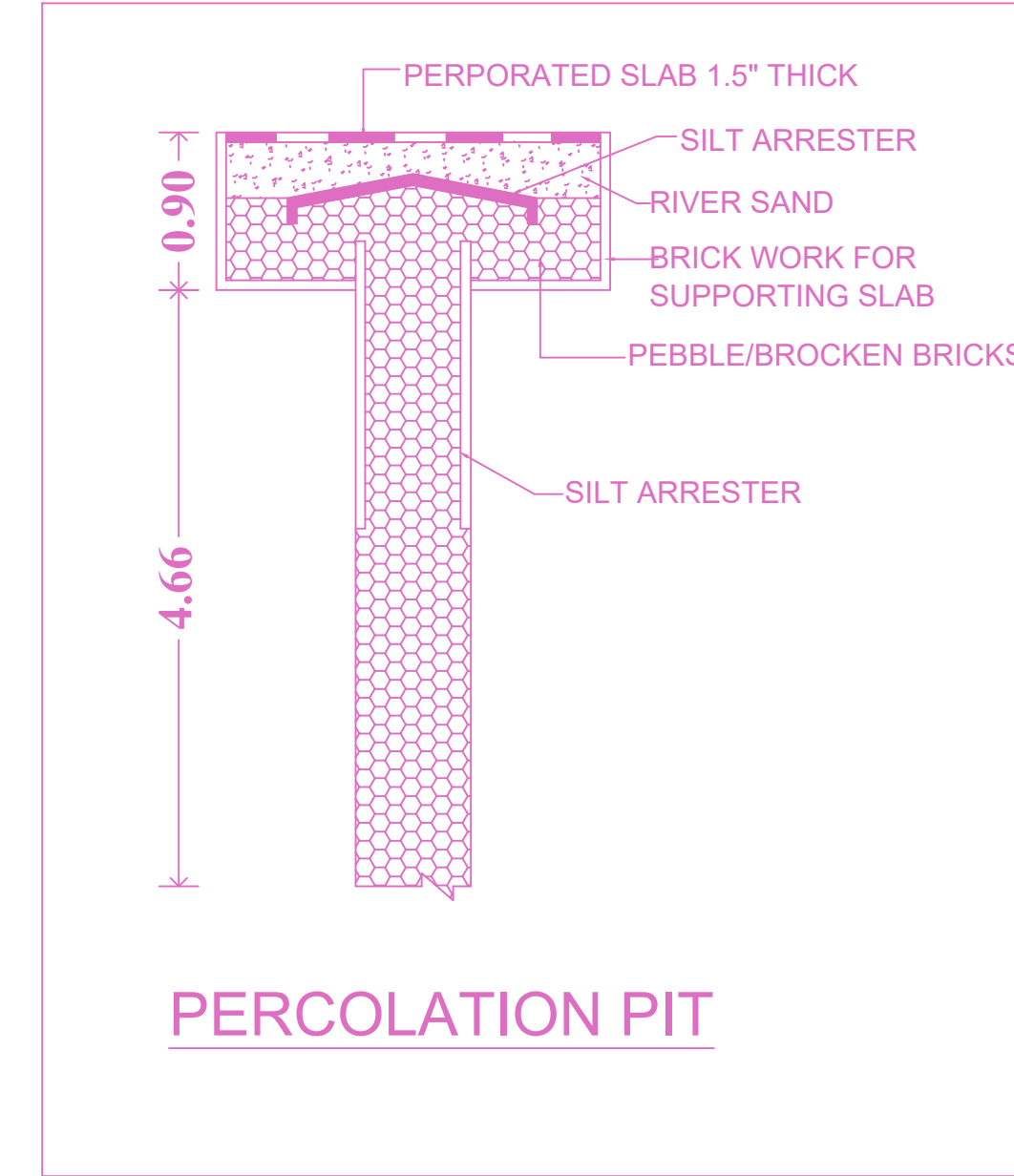
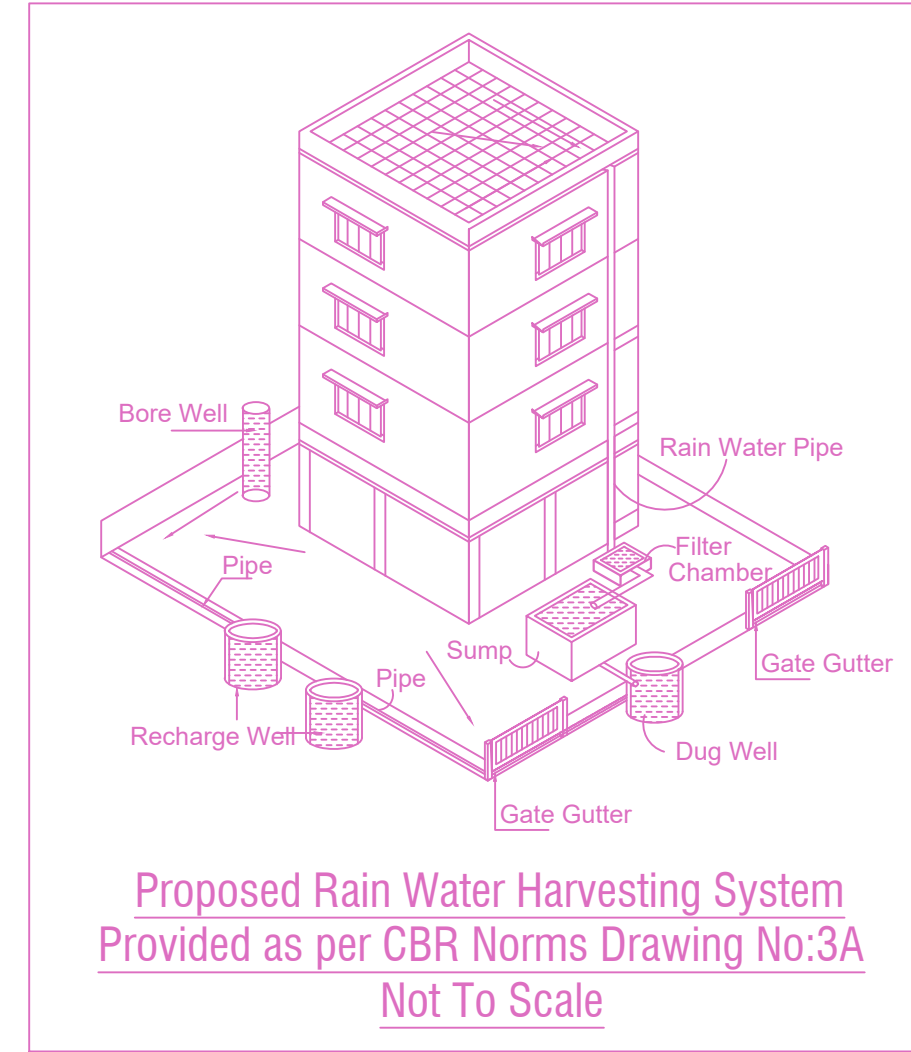
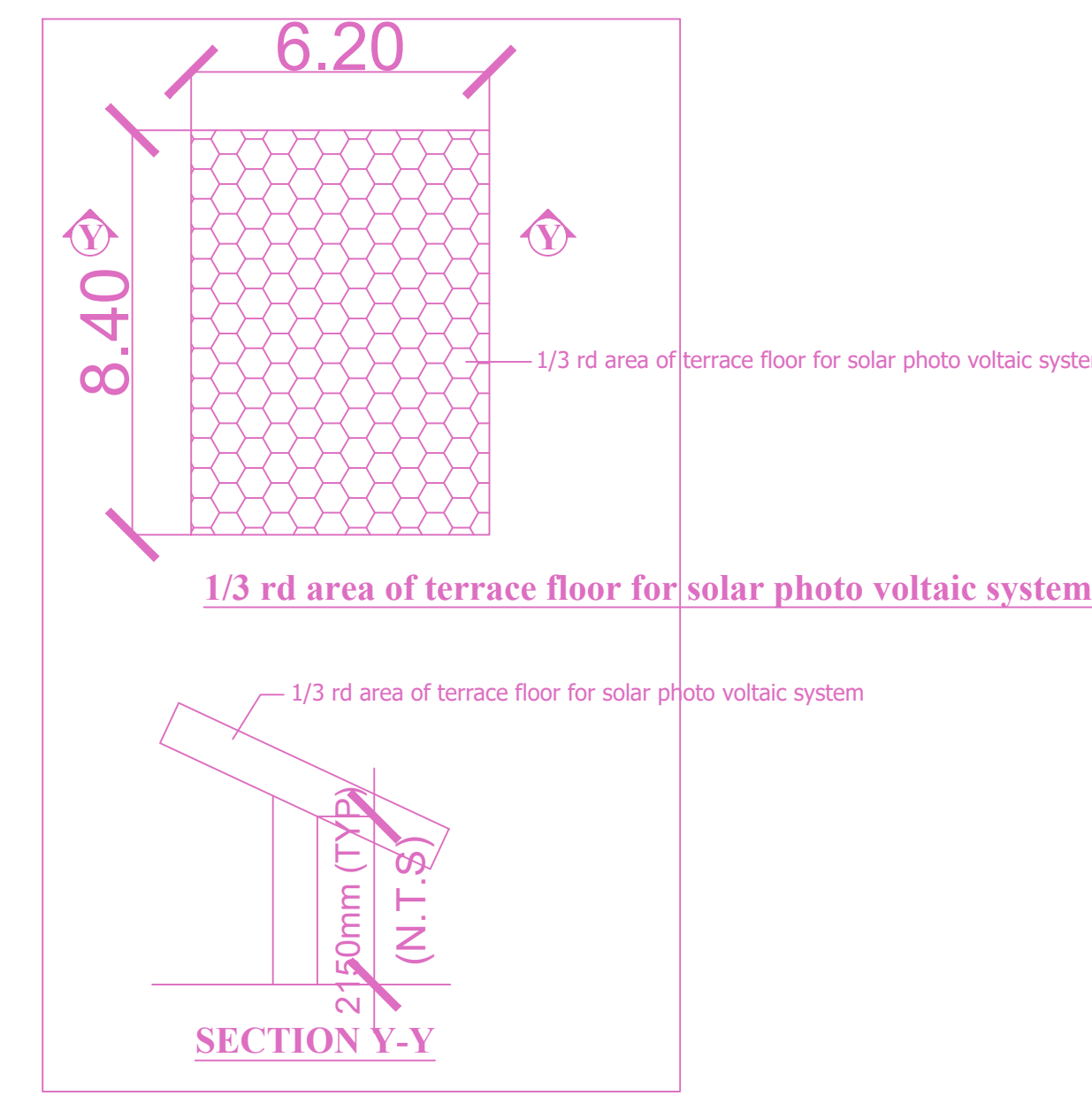
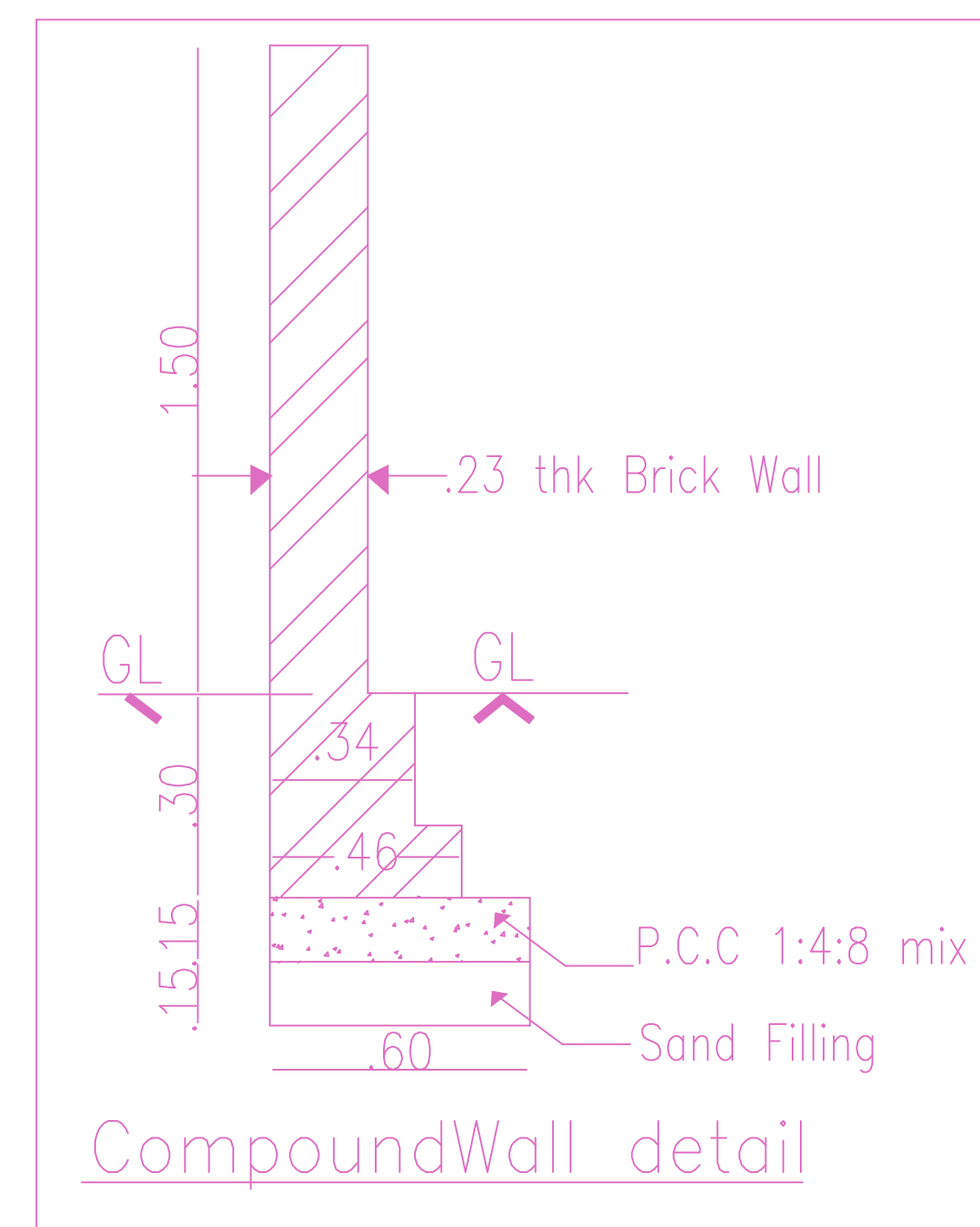
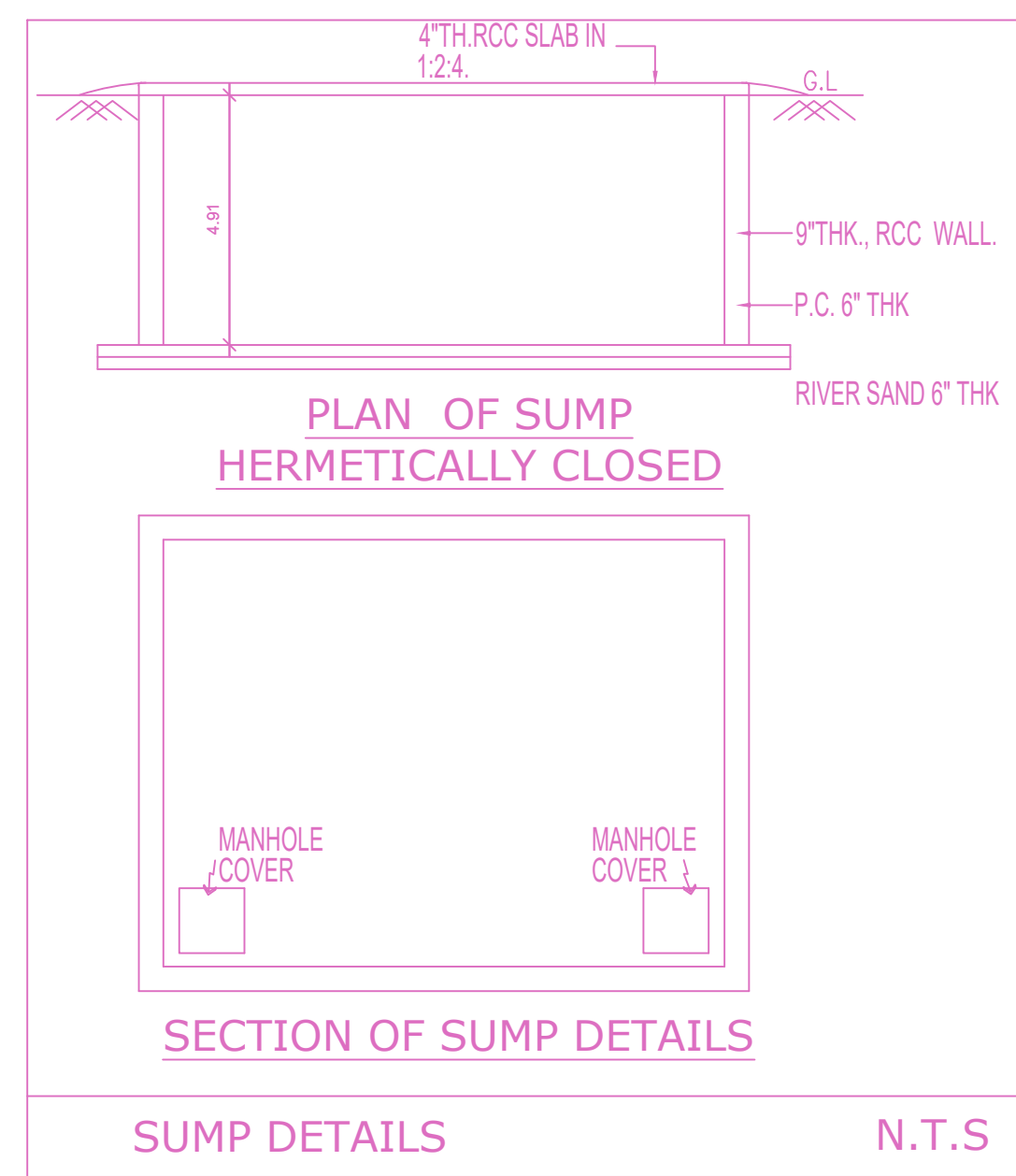
**CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY**  
**APPROVED**  
 SUBJECT TO THE CONDITIONS MENTIONED IN THIS OFFICE

The Planning Permission issued under New Area Rules 2015 is valid only for the purpose of the project mentioned in the application and is not transferable. The approval is valid only after building permit is issued by the concerned Local Body.

KEY NO. 3688

QR CODE

SITE PLAN SHOWING THE PROPOSED INDUSTRIAL BUILDING CONSISTS OF 2 BLOCKS. BLOCK 1 - BASEMENT FLOOR + GROUND FLOOR + 2 FLOORS - MANUFACTURING OF BAKERY / CONFECTIONARY/SWEET PRODUCTS WITH GAS OR ELECTRICAL OVEN - GREEN INDUSTRY - 30HP. BLOCK 2 - GROUND FLOOR - EB, BMS & OPEN GENSET ATPOONAMALLEE PATTABIRAM ROAD, VAYALANALLUR, CHENNAI COMPRISED IN OLD.S NO. 20/7, 22/2, 22/3A, & 22/4A, NEW S.NO. 20/7A, 20/7B, 22/1A, 22/2A1, 22/3A2 & 22/4A1B, OF VAYALANALLUR VILLAGE, WITHIN THE LIMITS OFPOONAMALLEE PANCHAYAT UNION.



**DESIGN BASIS**

**SEWAGE GENERATION**

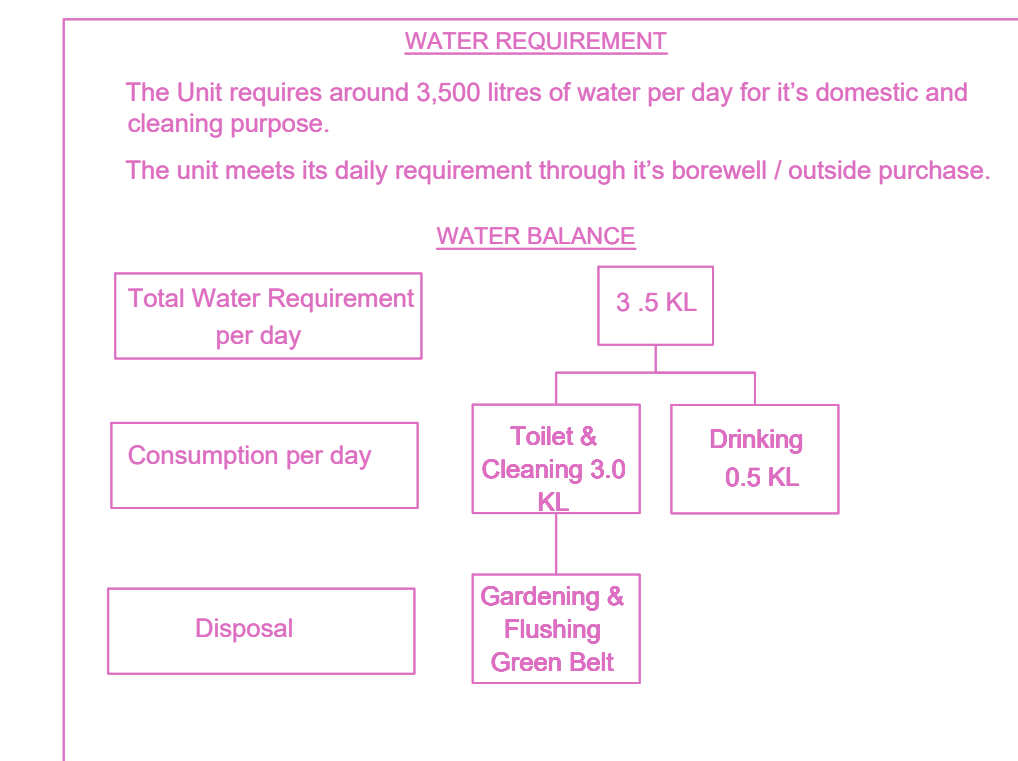
- No. of Employees working per day : 25 nos
- Water Consumption : 135 LPCD
- Sewage/Effluent Generation : 25 x 135 = 3,375 Liters
- Per Day Plant capacity : 5,000 Liter Per Day.

The plant is designed to treat 5 KL Sewage in a day with average flow rate of 1.0 m<sup>3</sup>/hr for treatment.

**B. RAW SEWAGE / EFFLUENT CHARACTERISTICS**

The plant is designed considering the following parameters for the inlet Sewage.

S.No	Parameters	Units	Value
1	pH		6.5 - 8.5
2	Biochemical Oxygen Demand	ppm	250 - 350
3	Chemical Oxygen Demand	ppm	400 - 550
4	Oil & Grease	Ppm	< 100
5	Total Suspended Solids	Ppm	< 400



**TECHNICAL DETAILS OF EQUIPMENT**

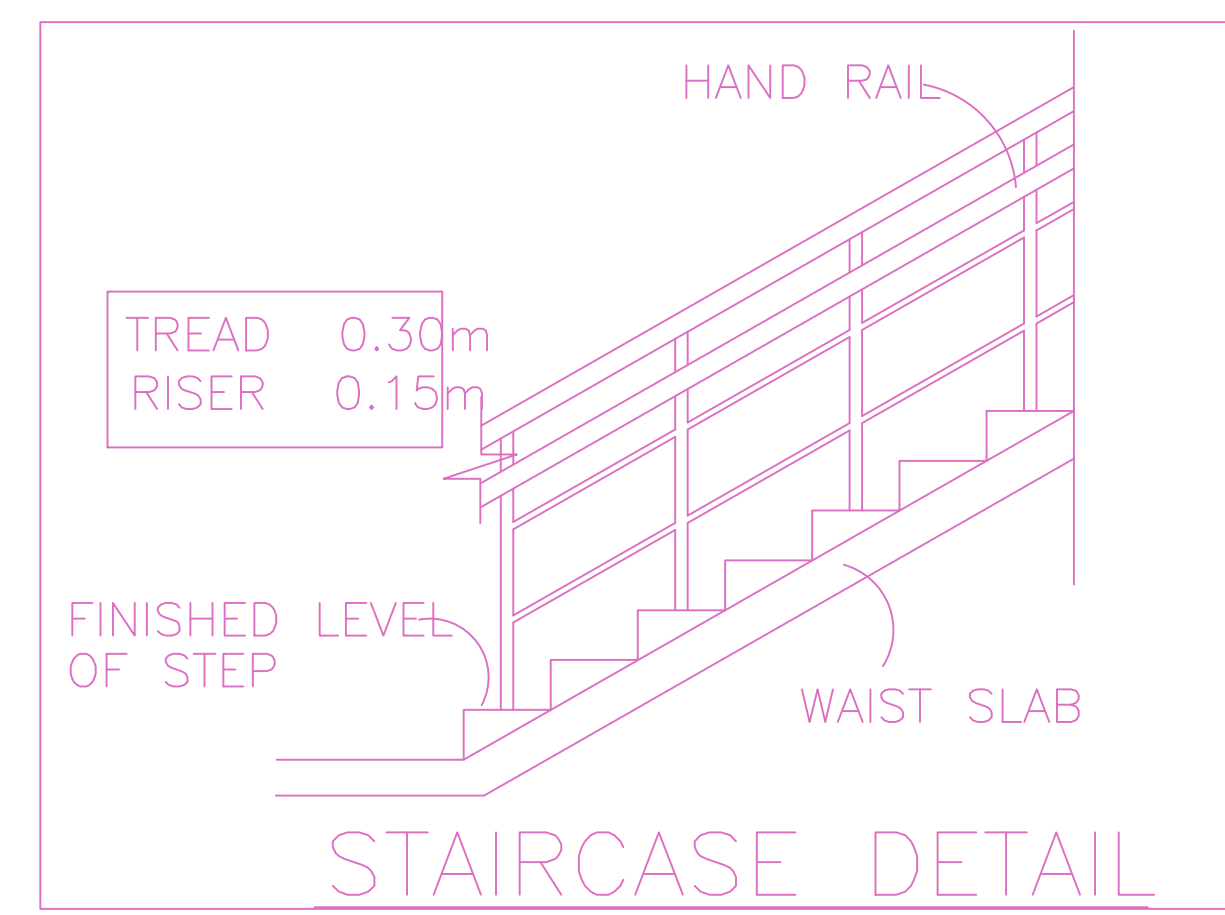
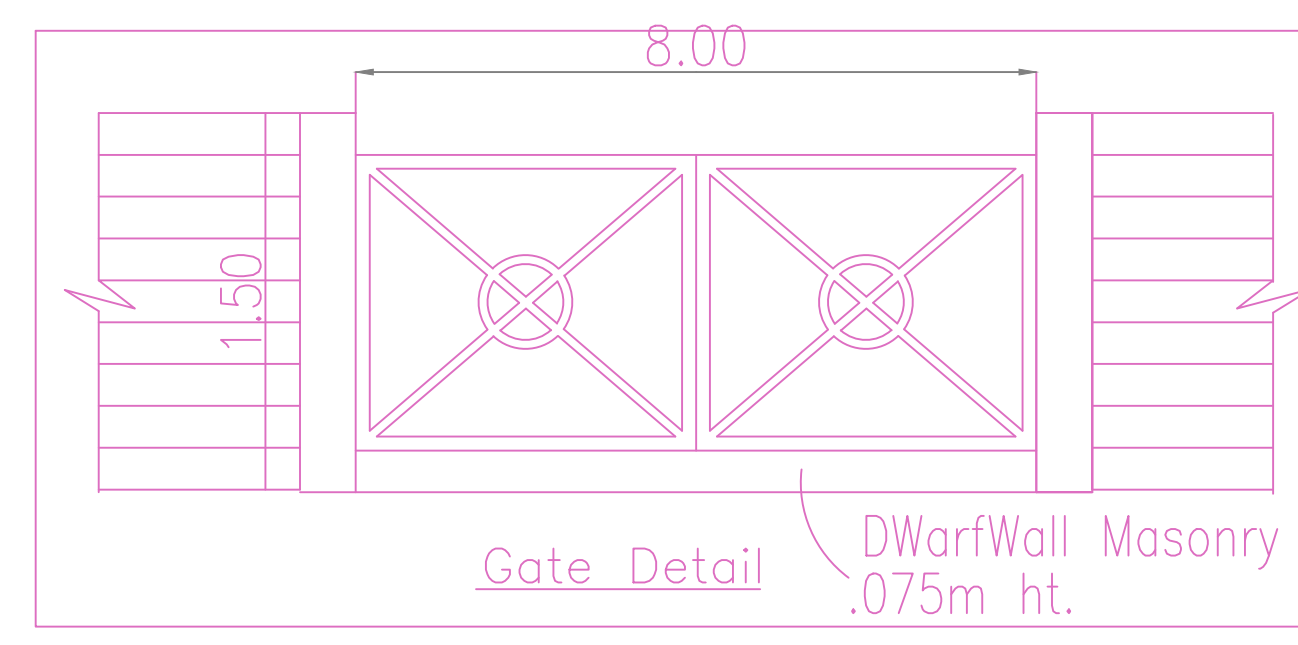
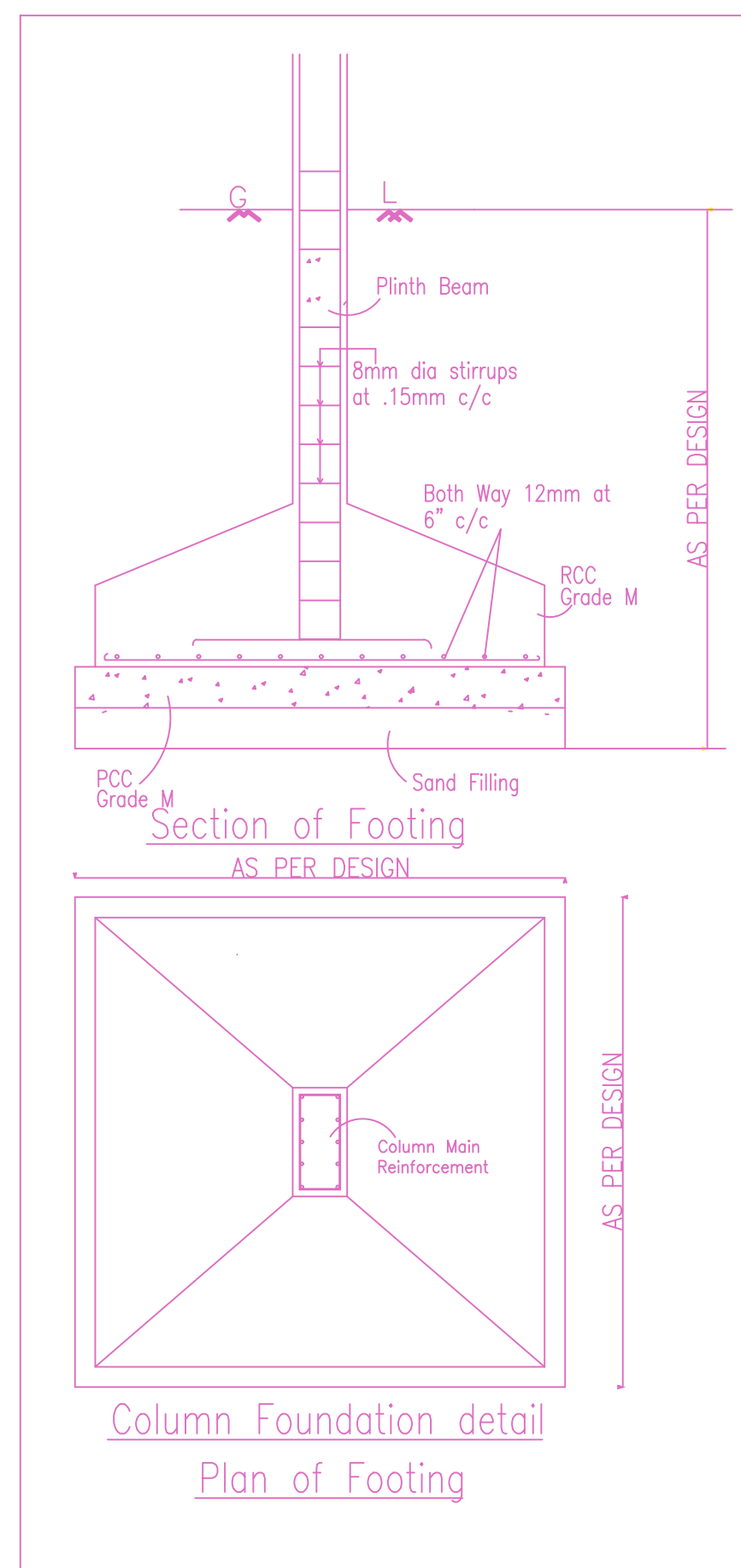
COARSE BAR SCREEN	
Nos. offered	One
MOC	SS
Spacing	10 mm
Dimensions	0.5 m width x 0.5 m Length
R/W SEWAGE TRANSFER PUMP	
Nos. offered	2 Nos
Type	Non Clog, Centrifugal
Capacity	1.0 m <sup>3</sup> /hr
Head	12 mwc
Make	Kritoskar/CGU/Equivalent
SLUDGE TRANSFER PUMP	
Nos. offered	1 Nos
Capacity	0.5 m <sup>3</sup> /hr
Type	Non Clog, Centrifugal
Make	Kritoskar / CG / equi
FILTER FEED PUMP	
Nos. offered	2 Nos
Capacity	1.0 m <sup>3</sup> /hr
Head	25 mwc
Type	Monoblock
Make	Kritoskar /CGU/Equivalent
PRESSURE SAND FILTER	
Nos. offered	One
Capacity	1.0 m <sup>3</sup> /hr
Diameter	13" dia
Height	54" Ht
Valve	Multiport

**STP UNITS AND DESIGN DETAILS**

NAME OF EQUIPMENT	QTY	SIZE & MOC
Bar Screen	1 No	0.5m x 0.5m x 0.5m + FB - BW - BG
Oil Trap	1 No	1m x 0.5m x 1.2m + FB - BW - BG
Collection Tank	1 No	5 KL + FB - RCC - BG
Aeration/MBBR Tank	1 No	4 KL - MS - AG
Settling Tank	1 No	0.7m x 0.7m x 2.4m - MS - AG
Clear Water Tank	1 No	1 KL - MS - AG
Pressure Sand Filter	1 No	FRP - 13" x 54"
Activated Carbon Filter	1 No	FRP - 16" x 54"
Final Treated Water Tank	1 No	10 KL
Sludge Drying Bed (4 partition)	1 No	1m x 1m x 1m - BW - AB

**ACTIVATED CARBON FILTER**

Capacity	1.0 m <sup>3</sup> /hr
MOC	FRP
Valve	Multiport
Media	Silica, Sand and Carbon
MBBR MEDIA	
Nos. offered	One Lot
Type	Black / Cylindrical
MOC	PP
Make	Airflex/Equivalent
AIR BLOWERS	
Nos. offered	2 Nos
Capacity	45 m <sup>3</sup> /hr
MOC	CI
Make	Kay / Everest / SV / equi
UV DISINFECTANT	
Nos. offered	1 No - 700 litres/hr
UV Lamps	2 Nos
UV Lamps voltage	25 watts - 240V
UV Lamps Life	12000 hrs
MOC of UV	SS - 20 x 06 x 04 inches
Wetted Parts	AF Tubes & SS 304



S NO	DESCRIPTION	SIZE	MOC
1	SCREEN CHAMBER	0.5Mx0.5Mx0.5M	RCC
2	OIL TRAP	1Mx0.5Mx1.2M	RCC
3	COLLECTION TANK	3.5Mx1.5Mx1.2M	RCC
4	AERATION TANK	1.2Mx1.2Mx2.4M	MS
5	SETTLING TANK	0.7Mx0.7Mx2.4M	MS
6	TREATED WATER TANK	1Mx0.5Mx2.4M	MS
7	PRESSURE SAND FILTER	13" x 54"	FRP
8	ACTIVATED CARBON FILTER	16" x 54"	FRP
9	LOW SYSTEM	30" x 18" x 54"	SS
10	TREATED WATER TANK	2.5M x 2M x 2M	RCC
11	SLUDGE DRYING BED	1Mx1Mx1M	RCC

S NO	DESCRIPTION	SIZE	MOC	DESIGN BASIS
A	SEWAGE PUMP	1M3/HR	CI	Number of Staff Working the day - 25 nos
B	BLOWERS	45 M3/HR	CI	Water consumption per person per day - 130 litres
C	SLUDGE PUMP	0.5M3/HR	CI	Sewage / Effluent Generation per day - 35' 135 - 3375 litres
D	FILTER PUMP	1M3/HR	CI	
E	VALVE	25 NB / 40NB	PVC	Total Capacity of the Plant Designer - 5000 LPCD

**APPROVAL CONDITION**

APPROVED

SCALE 1:100

CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY

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High Rise Building / Non High Rise Building  
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QR CODE

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