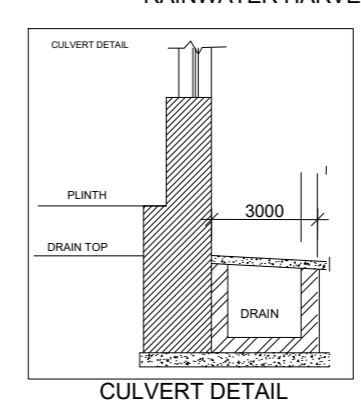
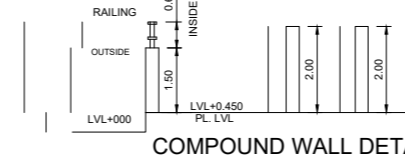
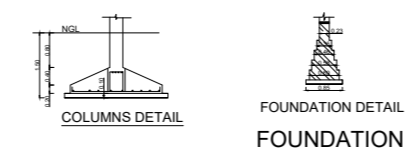


# SITE PLAN



### TREES CALCULATION

REQUIRED Nos. OF TREES = PLOT AREA - (GROUND COVERAGE) / 100  
 = 2313.47 - (923.91) / 100  
 = 1389.56 / 100  
 = 13.89  
 = 14 NOS

TOTAL NUMBER OF TREE PROVIDED = 40  
 (MINIMUM 50% TREES TO BE IN THE CATEGORY OF EVER GREEN TREES HAVING HEIGHT OF 40' OR MORE.)

### SOFT LANDSCAPED AREA

TOTAL OPEN AREA = PLOT AREA - TOTAL GROUND COVERAGE  
 = 2313.47 - 923.91  
 = 1389.56 SQ.MT.

SOFT LANDSCAPED AREA REQD. (25% OF OPEN AREA)  
 = 1389.56 / 4  
 = 347.39 SQ.MT.

L1 = 27.37 X 1.27 = 34.76 SQ.MT.  
 L2 = 2.31 X 33.13 = 76.53 SQ.MT.  
 L3 = 45.81 X 5.89 = 269.82 SQ.MT.  
 (A) = 381.11 SQ.MT.

DEDUCTION  
 DG-01 6.00 X 3.19 = 19.14 SQ.MT.  
 TFR 6.23 X 2.10 = 13.08 SQ.MT.  
 (B) = 32.22 SQ.MT.

TOTAL SOFT LANDSCAPED AREA PROVIDED = (A) - (B)  
 = 381.11 - 32.22  
 = 348.89 SQ.MT.

### NOMENCLATURE OF TREES PLANTED LEGEND

s.No.	TYPE OF TREE	Nos.
1.	FICUS BENJAMINA	10
2.	CASSIA FISTULA	10
3.	CASSIA SIAMEA	10
4.	BAUHINIA VARIEGATA	10

TOTAL FAR, NON FAR & SERVICE AREA CALCULATION		F.A.R. Area Room's (sq.mt.)	F.A.R. Area Commercial (sq.mt.)	15% Service Area (sq.mt.)	15% Service Area (sq.mt.) Fire Refuge Balcony	NON F.A.R. Area (sq.mt.)	Bulldup Area (sq.mt.)
1	Basement	Storage		393.410		564.545	957.955
2	Lower Ground Floor	Shops (16Nos)	881.181	50.988			932.169
3	Upper Ground Floor	Shops (16Nos)	625.965	146.844		39.480	882.289
4	1st Floor	Shops (16Nos)	625.965	63.825		184.657	944.546
5	2nd Floor	Shops (24Nos)	625.965	63.825		184.657	944.546
6	3rd Floor	Shops (19Nos)	625.965	63.825		184.657	944.546
7	4th Floor	Parking			51.649	842.809	894.458
8	5th Floor	Parking				842.809	842.809
9	6th Floor	Parking				842.809	842.809
10	7th Floor	Parking				842.809	842.809
11	8th Floor	Parking				842.809	842.809
12	9th Floor	Parking			51.649	842.809	894.458
13	10th Floor	Parking				842.809	842.809
14	11th Floor	Service Floor		54.400		788.409	842.809
15	12th Floor	Room's (15Nos.)	610.955	81.642		150.212	842.809
16	14th Floor	Room's (15Nos.)	610.955	81.642	45.598	43.031	781.226
17	15th Floor	Room's (15Nos.)	610.955	81.642	45.598	43.031	735.628
18	16th Floor	Room's (15Nos.)	610.955	81.642	45.598	43.031	735.628
19	17th Floor	Room's (15Nos.)	610.955	81.642	45.598	43.031	735.628
20	18th Floor	Room's (15Nos.)	610.955	81.642	45.598	43.031	735.628
21	19th Floor	Room's (15Nos.)	610.955	81.642	45.598	43.031	735.628
22	20th Floor	Room's (15Nos.)	610.955	81.642	45.598	43.031	735.628
23	21st Floor	Service Floor		72.207		735.628	781.226
24	22nd Floor	Room's (04Nos.)	242.762	72.207		19.646	334.615
25	Terrace	Mumty-01 & 02				89.509	89.509
26	OHT			25.581			25.581
27	Meter Room		16.890				16.890
<b>TOTAL</b>			<b>4887.640</b>	<b>3924.990</b>	<b>1588.041</b>	<b>240.092</b>	<b>9142.280</b>
			<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>19783.043</b>

13th FLOOR HAS BEEN DELIBERATELY NOT PROVIDED

### FLOORWISE ROOM'S STATEMENT

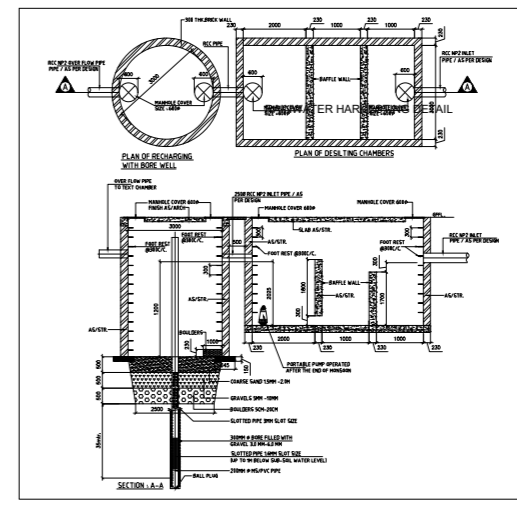
S.No.	TOWER	FLOOR	ROOM Nos.	Nos. OF ROOMS
1	1	12th FLOOR	1201 TO 1216	15
2	1	14th FLOOR	1401 TO 1416	15
3	1	15th FLOOR	1501 TO 1516	15
4	1	16th FLOOR	1601 TO 1616	15
5	1	17th FLOOR	1701 TO 1716	15
6	1	18th FLOOR	1801 TO 1816	15
7	1	19th FLOOR	1901 TO 1916	15
8	1	20th FLOOR	2001 TO 2016	15
				120

### FLOORWISE SHOP'S STATEMENT

S.No.	TOWER	FLOOR	SHOP Nos.	Nos. OF SHOPS
1	1	LOWER GROUND FL.	LG-01 TO LG-17	16
2	1	UPPER GROUND FL.	UG-01 TO UG-17	16
3	1	FIRST FLOOR	FF-01 TO FF-17	16
4	1	SECOND FLOOR	SF-01 TO SF-17	16
5	1	THIRD FLOOR	TF-01 TO TF-17	16
6	1	22nd FLOOR	2201 TO 2204	4
				95

### FLOORWISE PARKING STATEMENT

S.No.	TOWER	FLOOR	CAR Nos.	Nos. OF CARS
1	1	0th FLOOR	PH01 TO PH22	21
2	1	1st FLOOR	PH01 TO PH22	21
3	1	2nd FLOOR	PH01 TO PH22	21
4	1	3rd FLOOR	PH01 TO PH22	21
5	1	4th FLOOR	PH01 TO PH22	21
6	1	5th FLOOR	PH01 TO PH22	21
7	1	6th FLOOR	PH01 TO PH22	21
				127



RAINWATER HARVESTING DETAIL

### CAR PARKING AREA CALCULATION

A). REQ. PARKING @ 1 ECS PER 50sq.mt. OF F.A.R. ON FLOORS (EXCEPT HOTEL ROOMS)  
 = 3924.990 / 50  
 = 78.50 ECS

B). REQ. PARKING @ 1 ECS PER TWO HOTEL ROOMS  
 = Nos. OF ROOMS / 2  
 = 120 / 2  
 = 60 ECS

TOTAL PARKING REQ. = A + B  
 = 78.50 + 60.00  
 = 138.50 ECS SAY 139 ECS

PARKING SPACE REQ. / ECS IN UPPER FLOOR PARKING = 30sq.mt.  
 Nos. OF ECS PARKED IN PARKING 4th FLOOR = AREA AVAILABLE / 30  
 (A) = 636.345 / 30 = 21.21 ECS  
 SAY = 21 ECS

Nos. OF ECS PARKED IN PARKING 5th FLOOR = AREA AVAILABLE / 30  
 (B) = 636.345 / 30 = 21.21 ECS  
 SAY = 21 ECS

Nos. OF ECS PARKED IN PARKING 6th FLOOR = AREA AVAILABLE / 30  
 (C) = 636.345 / 30 = 21.21 ECS  
 SAY = 21 ECS

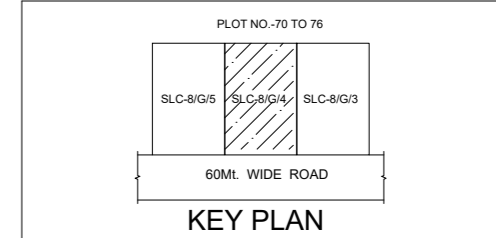
Nos. OF ECS PARKED IN PARKING 7th FLOOR = AREA AVAILABLE / 30  
 (D) = 636.345 / 30 = 21.21 ECS  
 SAY = 21 ECS

Nos. OF ECS PARKED IN PARKING 8th FLOOR = AREA AVAILABLE / 30  
 (E) = 636.345 / 30 = 21.21 ECS  
 SAY = 21 ECS

Nos. OF ECS PARKED IN PARKING 9th FLOOR = AREA AVAILABLE / 30  
 (F) = 636.345 / 30 = 21.21 ECS  
 SAY = 21 ECS

Nos. OF ECS PARKED IN PARKING 10th FLOOR = AREA AVAILABLE / 30  
 (G) = 636.345 / 30 = 21.21 ECS  
 SAY = 21 ECS

TOTAL PARKING PROVIDED = (A) + (B) + (C) + (D) + (E) + (F) + (G)  
 = 21 + 21 + 21 + 21 + 21 + 21 + 21  
 = 147 ECS



FOR SANCTION

PROJECT: PROPOSED COMMERCIAL COMPLEX "DIVYARV GRANDE" FOR SUKADIV PROJECTS LLP. AT PLOT No. SLC-8/G/4, DELTA-II, GREATER NOIDA.

ARCHITECTS: plan india group

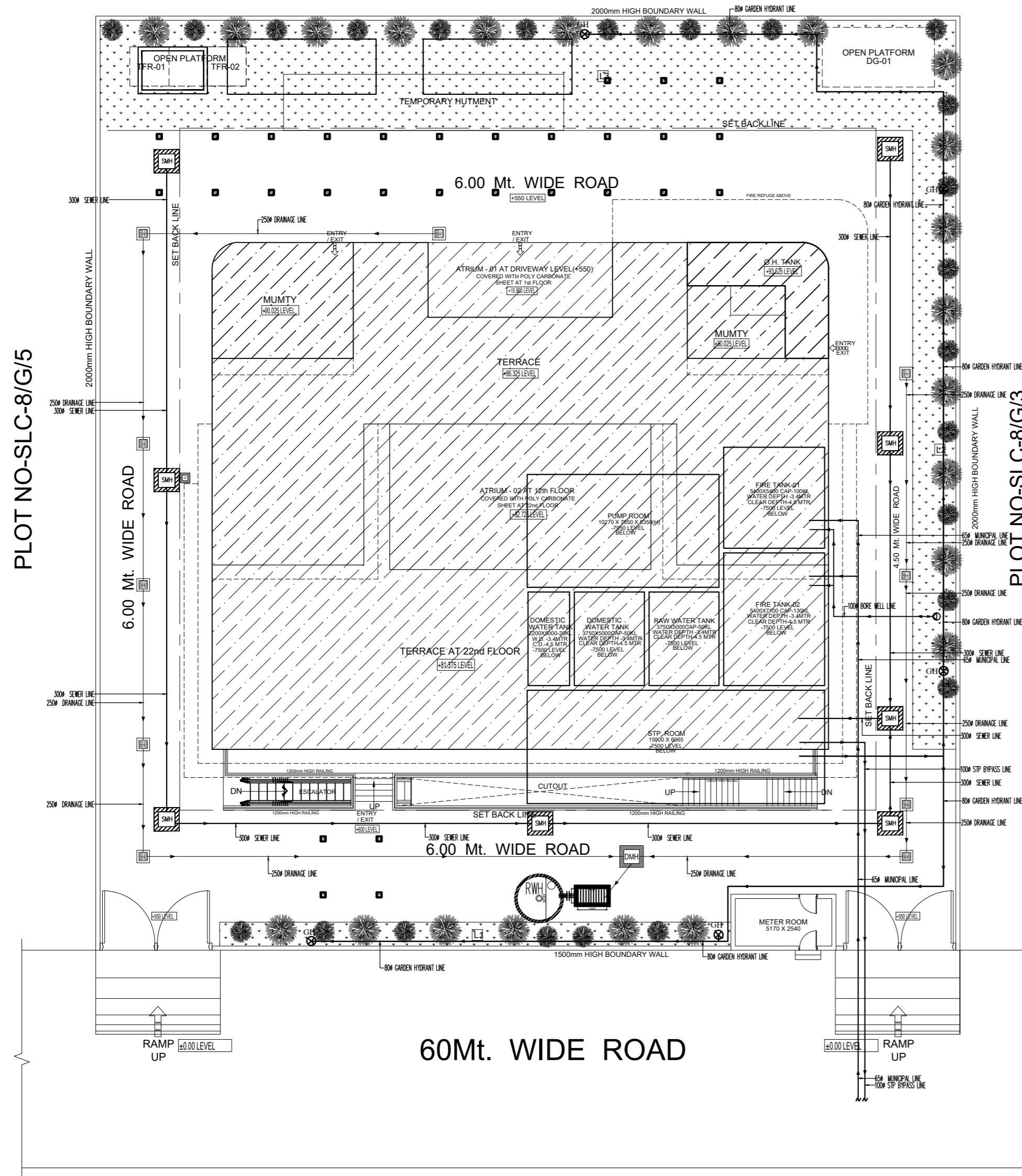
ARCHITECTURE, LANDSCAPE, INTERIOR DESIGN & PLANNING  
 B-80 RAIL NAGAR, SECTOR-50, NOIDA 201301  
 Mo. No. 98100-62882  
 email:- planindiagroup@gmail.com

TITLE: SITE PLAN

DATE: 22 / 06 / 2025

DRG. NO.: 100

PLOT NO-71 TO 76



**Rain Water Harvesting Calculations**

As per Table No. 1 Rain Water Harvesting and Conservation Manual by CPWD, the annual rain fall is 1400 mm @ 645 mtr.

S.No	Description of Area	Area sqm.	Run-off Factor	Yearly Rainfall in mtr.	Volume of Water Available for Rain Water Harvesting Yearly (cum.)
1	Roof Top	324.00	0.95	0.845	988.89
2	Roads and Pavements	1940.00	0.7	0.845	619.07
3	Green areas	349.00	0.7	0.845	207.41
<b>Total</b>					<b>1492.29</b>

Considering evaporation, spillage and first flush wastage, only 50% of water is actually available for rain water harvesting = 1193.83 m<sup>3</sup>

PEAK HOURLY RAINFALL = 60mm/hr.

PEAK HOURLY DISCHARGE	
1	Roof Top
2	Roads and Pavements
3	Green areas
<b>Total</b>	

Average throughput for 250 mm dia harvesting bore well = 82.98 cum/hr

Retention tank for each pit (RW4 SIZE - 3 mtr dia and 3 mtr effective depth) = 20 cum

No. of pits required = 6.8 Nos

Say = 1.00 Nos

No. of pits Provided = 1 Nos

**Water Requirement**

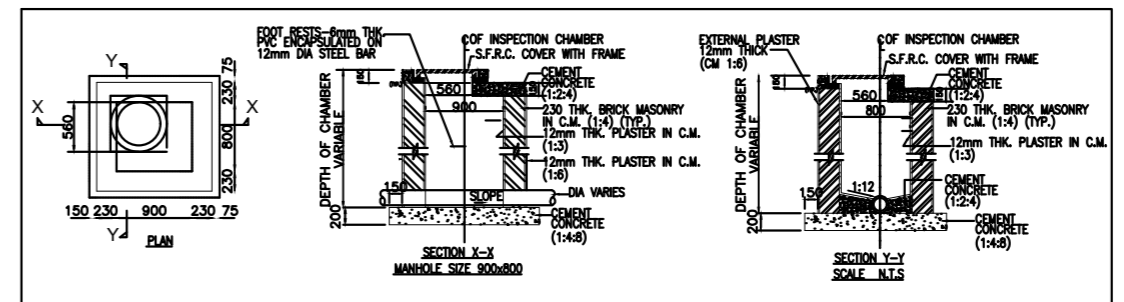
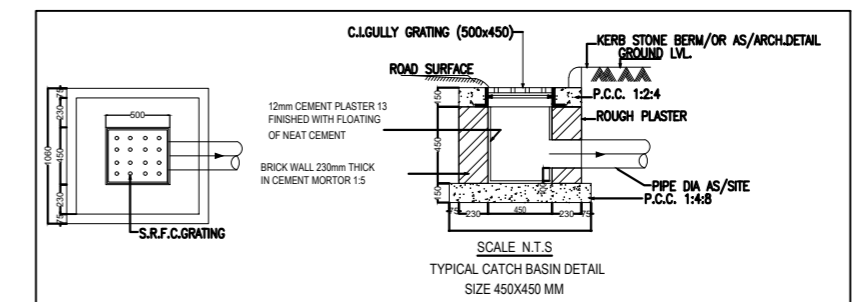
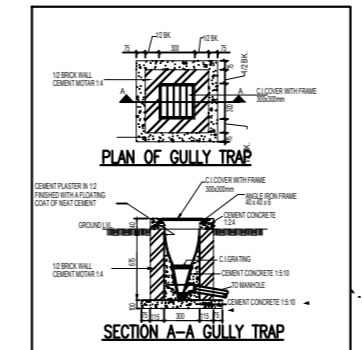
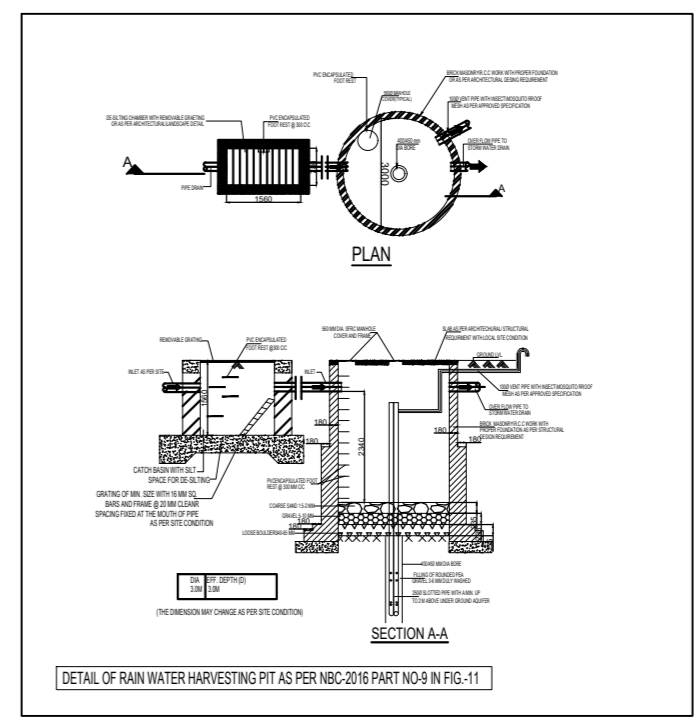
S. No	Description	Unit/Area	Occupancy per Unit (Person)	Total Occupancy	Water Requirement per capita per day (LPCD)	Total Requirement (lit)	Total Domestic Water Requirement (lit)	Total Flushing Water Requirement (lit)
<b>TOWER - I</b>								
1	LOWER GROUND (SHOPS)	913	35/person	304	15	4565	1568	2997
2	UPPER GROUND (SHOPS)	919	35/person	306	15	4590	1607	2984
3	FIRST FLOOR (SHOP)	940	35/person	167	15	2505	828	1678
4	SECOND FLOOR (SHOP)	940	35/person	167	15	2505	828	1678
5	THIRD FLOOR (SHOP)	940	35/person	167	15	2505	828	1678
6	12th, 14th, 16th, 17th, 18th, 19th & 20th FLOORS (ROOM)	120 Rooms	2 person/Room	240	160	43300	38070	16400
7	20th FL. OVER ROOM	461	35/person	155	35	5415	3786	1624
8	KITCHEN & LAUNDRY					10000		
9	SERVICE STAFFS			100	45	4500	2700	1800
<b>TOTAL</b>						<b>87335</b>	<b>47815</b>	<b>39120</b>
<b>in day</b>						<b>87335</b>	<b>47815</b>	<b>39120</b>
10. Water requirement for Airconditioning								
AC Plant (100 TR)								
Diff. Evaporation, Bleeding Loss - 15%							23683	
Volume of Flow @ 4 L/SEC/MTR								82
Hours of Operation - 24 Hrs.								
Average Daily Loading - 60%								
11. Backwash for Filter							15000	15000
							132328	62815
<b>Total</b>							<b>132328</b>	<b>30120</b>

**Capacity of Storage Treatment Plant:**

10% of Domestic Water + 50% of Flushing Water						77390	LFD
Acc. 20%						15	PLFO
<b>Total</b>						63	PLFO
or 50%						390	SUD

**LEGEND OF PLUMBING**

SYMBOL	DESCRIPTION
SMH	SEWER MANHOLE
DL	SEWER LINE
DL	DRAINAGE LINE
MH	DRAINAGE MANHOLE
CB	CATCH BASIN 450X450(TYP.)
ML	MUNICIPAL LINE
BWL	BORE WELL LINE
V	VALVE
SBL	STP BYPASS LINE
GL	GARDEN HYDRANT LINE
GH	GARDEN HYDRANT



**RAJESH VERMA**  
 Authorised Signatory  
 For SUKADIV PROJECTS LLP

PLOT NO. 70 TO 76  
 SLC-8/G/5 SLC-8/G/3  
 60Mt. WIDE ROAD  
**KEY PLAN**

**FOR SANCTION**

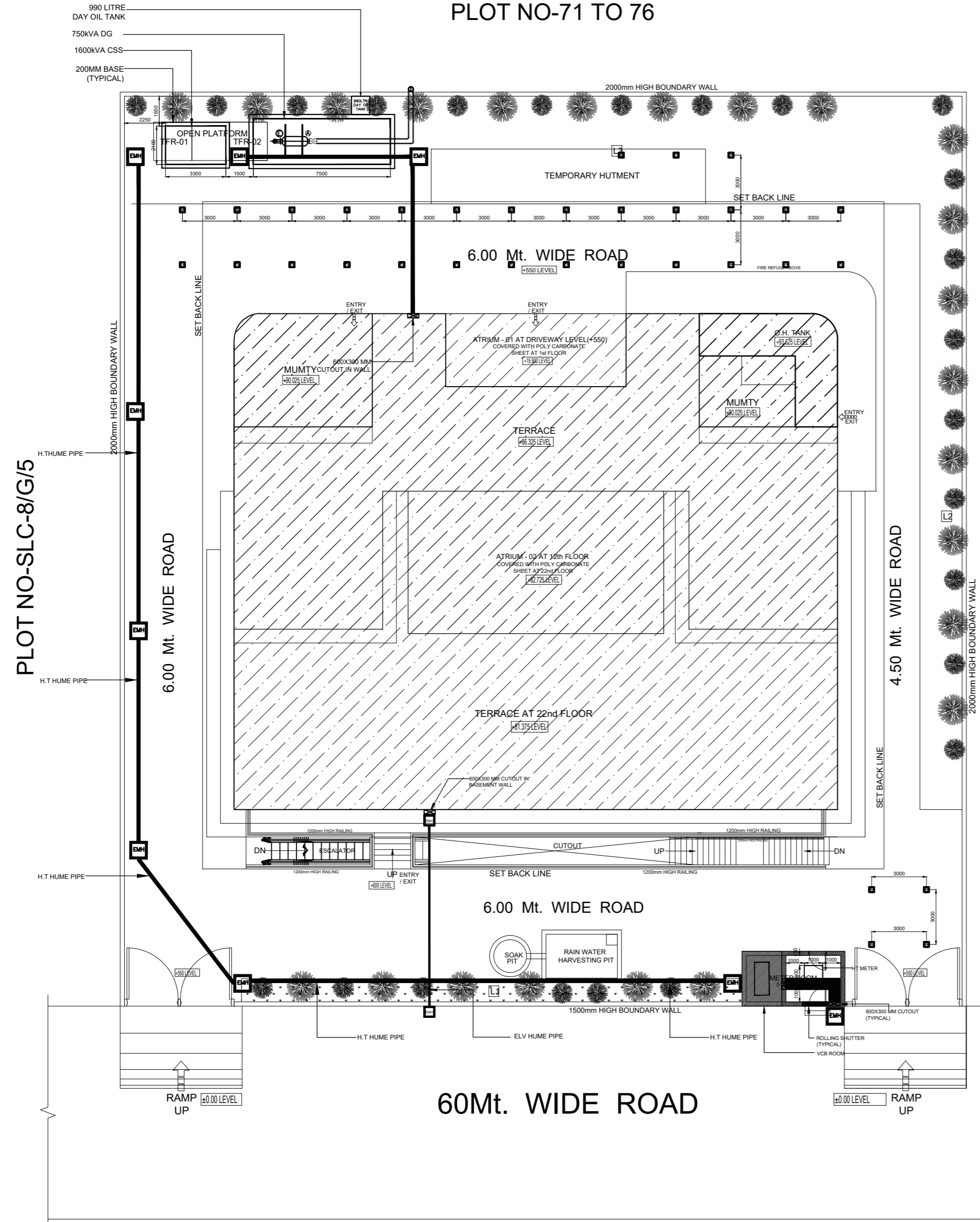
PROJECT: PROPOSED COMMERCIAL COMPLEX "DIVYAR GRANDE" FOR SUKADIV PROJECTS LLP.  
 AT PLOT No. SLC-8/G/4, DELTA-II, GREATER NOIDA.

ARCHITECTS: plan india group  
 ARCHITECTURE, LANDSCAPE, INTERIOR DESIGN & PLANNING  
 A-80, RAIL NAGAR, SECTOR-50, NOIDA 201301  
 Mo. No. 98100-62882  
 email: planindiagroup@rediffmail.com

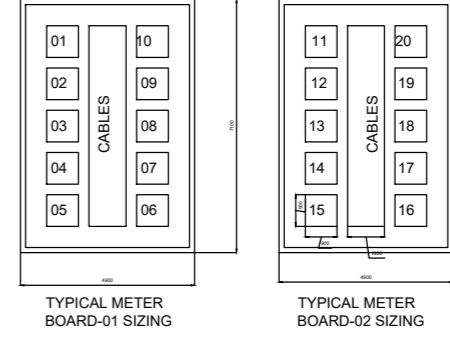
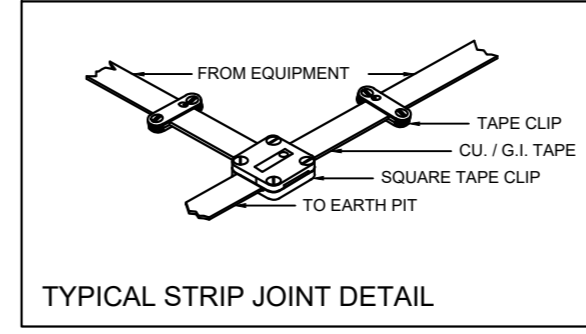
TITLE: **SITE PLAN PLUMBING SUBMISSION DRAWING**

24/07/2025	PL-01A
DATE	DRG. NO.

PLOT NO-71 TO 76

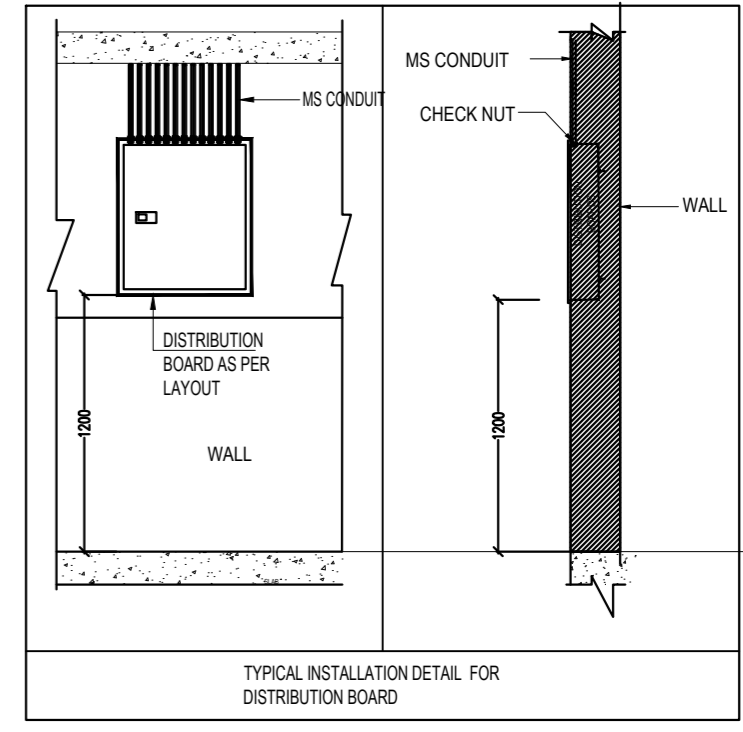
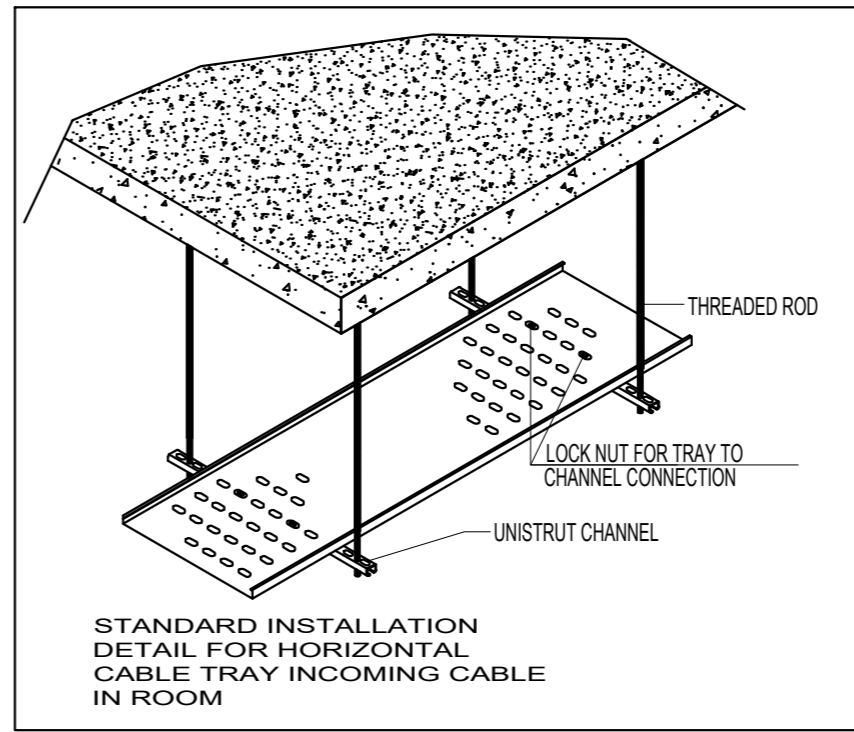


SITE PLAN



EARTHING PIT SCHEDULE

DESCRIPTION	QTY	CU
H.T METER	02	02
CSS	02	02
LT PANEL	02	02
UPS-01	02	02
UPS-02	02	02
UPS PANEL	02	02
FIRE FIGHTING PANEL	02	02
PLUMBING PANEL	02	02
EX-FEEDER PILLAR-01	01	01
PV PANEL	02	02
LIFT	02	02
LIGHTNING PROTECTION	04	04
DG-01	02	02

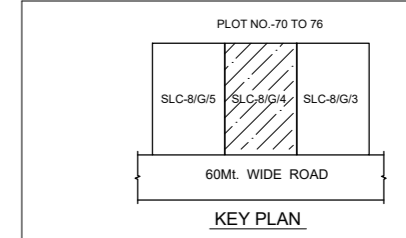
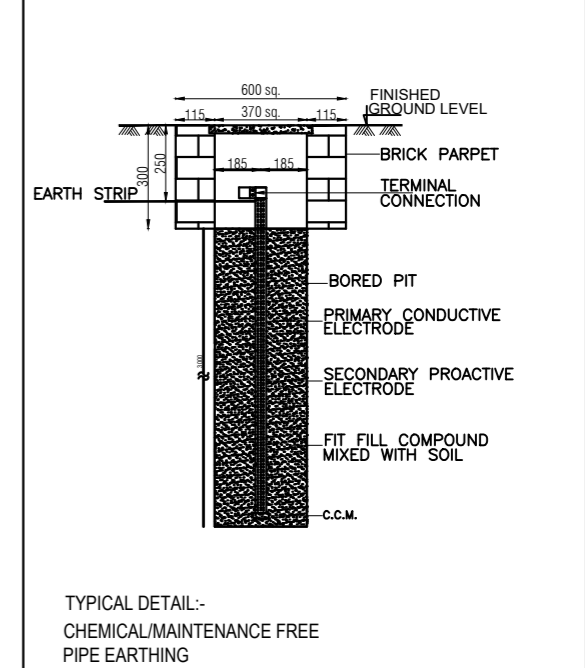


PLOT NO-SLC-8/G/3

PROJECT: PROPOSED LAYOUT OF COMMERCIAL COMPLEX FOR SUKADIV PROJECTS LLP. AT PLOT No. SLC-8/G/4, DELTA-2, GREATER NOIDA. ANNEXURE- E 1 Date - 2025/07/24

ELECTRICAL LOAD SUMMARY AND EQUIPMENT SIZING

S.NO	DESCRIPTION	CONNECTED LOAD (kW)	DEMAND FACTOR	INDIVIDUAL MAXIMUM DEMAND (kW)
<b>1</b>	<b>LOADS</b>			
1.1	Common Area Lighting & Power Load (As per Annex : E-2)	480.78	0.75	361
1.2	HVAC & TFA Load (As per Annex : E-3)	1100.00	0.70	770
1.3	Plumbing Equipments (As per Annex : E-4)	70.00	0.70	49
1.6	Car Charging Load (Assumed one car charging- High Speed)	12.00	1.00	12
1.7	Lifts Load @ 7.5 Kw Each (5 Nos Lift +1 No. Ser. Lift)	45.00	0.90	41
1.8	Car Lifts Load @ Car Lifts Load @ 25HP/19kW each (2 Nos Car Lifts)	38.00	0.90	34
1.8	Fire Pump (@90HP) Only Jockey pump load considered			15
<b>2</b>	<b>COMMON LOAD SUMMARY</b>			
2.1	External Lighting (Assumed)	8	0.70	6
	<b>TOTAL</b>	<b>1754</b>		<b>1287</b>
	IMD in kW	=	1287 kW	
	Overall Diversity	=	0.8	
	Total MD in kW	=	1030 kW	
	Total MD in kVA (0.95 Power Factor)	=	1084 kVA	
	Transformer Capacity required @ 85% Loading	=	1275 kW	
	<b>Transformer Selection</b>			<b>1# 1600 kVA, 11/0.433kV ONAN Type Compact Substation (3.0 x 2.1 x 2.5 Mtrs)</b>
	<b>DG SET SIZING</b>			
	IMD (in kW)	=	1030 kW	
	With 0.8 power factor, KVA Capacity	=	1287 kW	
	DG Capacity required @ 85% Loading	=	1514 kVA	
	Say DG Rating in KVA	=	757 kVA	Partial load (50%)
	<b>Selection Of DG's</b>			<b>1# 750 kVA , 415V Radiator Cooled DG Sets</b>



**FOR SANCTION**  
 PROJECT: PROPOSED COMMERCIAL COMPLEX "DIVYARV GRANDE" FOR SUKADIV PROJECTS LLP. AT PLOT No. SLC-8/G/4, DELTA-II, GREATER NOIDA.

ARCHITECTS: **plan india group**  
 ARCHITECTURE, LANDSCAPE, INTERIOR DESIGN & PLANNING  
 N-80 RAIL NAGAR, SECTOR-50, NOIDA 201301  
 Mb. No. 98100-62882  
 email:- planindiagroup@gmail.com

TITLE: **SITE PLAN**  
 10 / 06 / 2025 100  
 DATE DRG.NO.

For SUKADIV PROJECTS LLP  
 Authorised Signatory