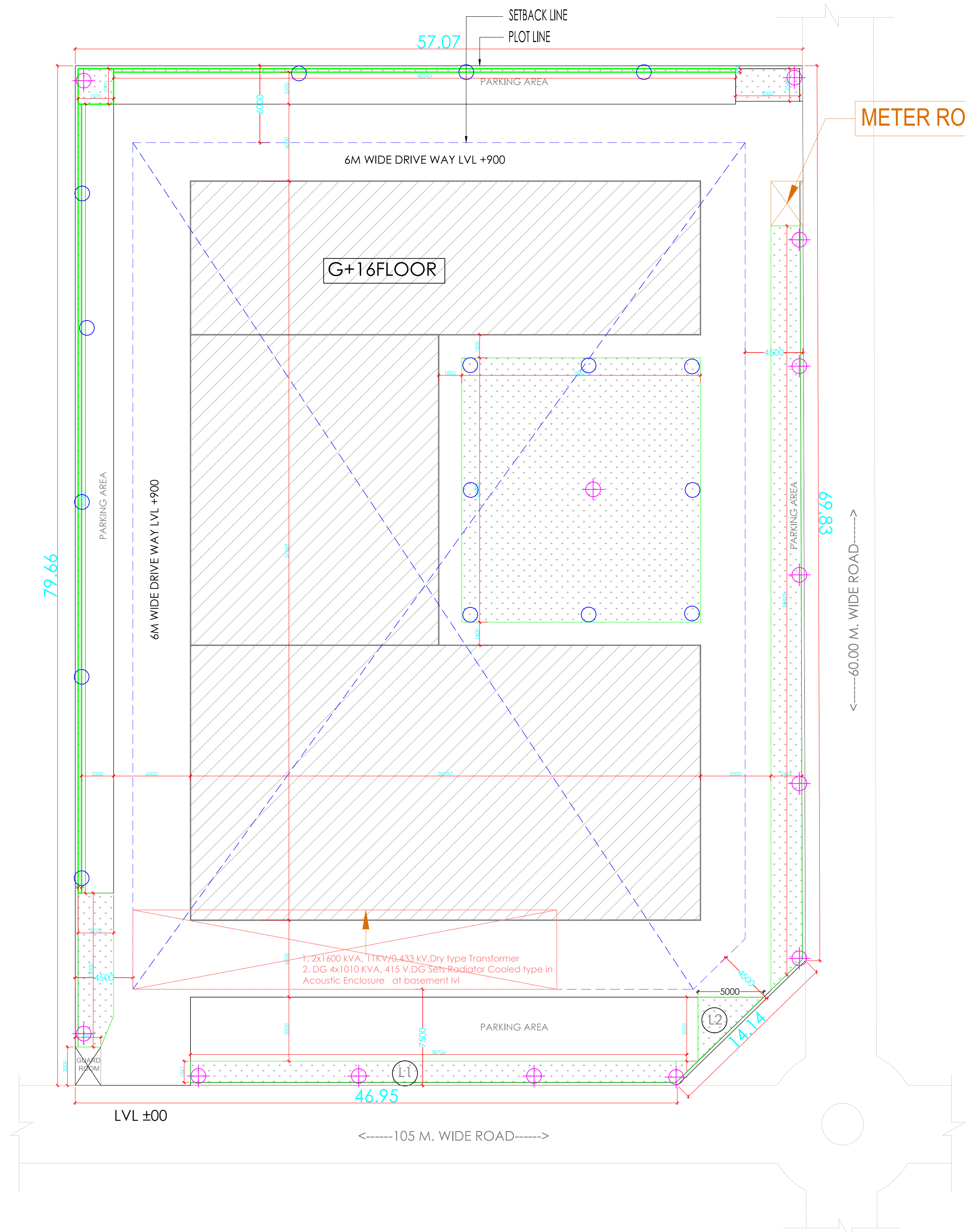




For Project—Primrose Square C- 10 , SECTOR - DELTA 1 GREATER NOIDA				
LOAD DETAILS				
S.NO.	DESCRIPTION	CONNECTED LOAD(KW)	DIVERSITY	DEMAND LOAD(KW)
1	BASEMENT	19.20	0.7	13
2	RETAIL AREA	312.22	0.8	250
3	OFFICE AREA	525.16	0.8	420
4 (i)	HOTEL AREA	274.45	0.8	220
(ii)	GUEST ROOMS /SUIT ROOMS HOTEL AREA	104.00	1.0	104
5	HVAC LOAD DETAILED			
i	HOTEL AREA WITH ACC SYSTEM	641.60	0.8	513
ii	RETAIL AREA WITH WCC SYSTEM	350.00	0.8	280
iii	OFFICE AREA WITH VRV SYSTEM	554.00	0.8	443
6	BASEMENT VENTILATION	194.00	0.6	116
7	LIFT 10 NOS.(2 NOS.@22.5KW,,6NOS.15 KW&2NOS.10KW EACH)	155.00	0.9	140
8	PLUMBING	70	0.7	49
9	STP	30.00	0.7	21
10	FIRE FIGHTING	20.00	0.8	16
11	LIFT PRESSURISATION	70.00	0.8	56
12	EXTERNAL LIGHTING +FACADE LIGHTING	30.00	0.8	24
Total				2,665.28
Overall Demand Factor				0.8
Maximum Demand Load (KW)				2,132.22

Selection of Equipments:
Tarnsformer Selection
Maximum Demand (kW) 2132 KW
Power Factor 0.9
Maximum Demand (kVA) 2369 KVA
Equipment Loading 0.85
Required Capacity (kVA) 2787 KVA
2x1600 kVA, 11KV/0.433 kV,Dry type Transformer

DG Selection
Maximum Demand (kW) 2132 KW
DG set Auxillary load 0 KW
Total Load 2132 KW
Power Factor 0.8
Maximum Demand (kVA) 2665 KVA
Equipment Loading 0.85
Required Capacity (kVA) 3136 KVA
4x1010 KVA, 415 V,DG Sets Radiator Cooled type in Acoustic Enclosure

LEGEND :		
S. No.		DESCRIPTION
1.	⊕	6 M. HIGH POLE WITH 70 WATT MH POST TOP LANTERN
2.	○	4 M. HIGH POLE WITH 70 WATT MH POST TOP LANTERN

Building Services (MEP) Consultants
SNC
MEP Consulting Engineers
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URL : www.snc.co.in
□ Delhi ■ Gurgaon □ Pune

PROJECT :
PRIMROSE SQUARE
Plot No. C-10 ,
Sector - Delta 01, Greater Noida.

OWNER :
SRIGARY INFRA TECH PVT. LTD.
7th FLOOR, MSX TOWER - 2 , ALPHA -1 COMMERCIAL
BELT
GREATER NOIDA

ARCHITECTS :
SRIGARY INFRA TECH PVT. LTD.
7th FLOOR, MSX TOWER - 2 , ALPHA -1 COMMERCIAL
BELT
GREATER NOIDA

Drawing :
SUBMISSION DRAWING
Sheet Title :
EXTERNAL ELETRICAL DRAWING
Date: 28-09-2016
Scale: N.T.S.

OWNER SIGN :
ARCHITECTS SIGN :

SPACE FOR AUTHORITY
DEALT BY
R.K
CHECKED BY
AN
DRAWING NO :
PL-03