

NOTES :-

GREATER NOIDA INDUSTRIAL DEVELOPMENT AUTHORITY
PROPOSED (SANCTION DRAWING FOR INSTITUTIONAL BUILDING PLAN) FOR
PLOT NO. - COMM-03, SECTOR-50, NOIDA, G.B. NAGAR, U.P.

AREA CALCULATION

- TOTAL PLOT AREA = 812.730 SQM.
- PERMISSIBLE F.A.R @2 OF TOTAL PLOT AREA = 812.730 X 2 = **1625.460 SQM.**
- PERMISSIBLE COVERED AREA AT GROUND FLOOR @50% OF PLOT AREA
= 812.730 X 50/100 = **406.365 SQM.**
- TOTAL PROPOSED GROUND COVERAGE = 406.344 SQM.
- TOTAL AREA = FAR AREA + NON FAR AREA + 15% ADDITIONAL AREA
= **2759.344 SQM.**

PARKING CALCULATION

PERMISSIBLE FAR AREA = **1625.460 SQM.**
CAR PARKING REQUIRED = 1625.460/50 = 32.509 Nos of Cars = **33 Nos of Cars**
PROPOSED COVERED CAR PARKING = **278.355 SQM.**
PROPOSED BASEMENT CAR PARKING (P-1) = **61.669 SQM.**
PROPOSED SURFACE CAR PARKING = 61.669/20 = 3.083 Nos of Cars = **3 Nos of Cars**
TOTAL PROPOSED CAR PARKING = **33 No. of Cars**

LANDSCAPE CALCULATION

TOTAL OPEN AREA = 812.730 - 406.344 = **406.386 SQM.**
REQUIRED GREEN AREA = 25% OF OPEN AREA AT GROUND FLOOR
REQUIRED GREEN AREA = 406.386 @ 25% = **101.596 SQM.**
PROPOSED GREEN AREA = **344.058 SQM.**
MINIMUM NO. OF TREE REQUIRED
405.299/100 = 4.052 SAY 4 Nos.
PROPOSED NUMBER OF TREES = 4 Nos.
PLUMERIA LABA = **2 NOS**
ALBIZIA LEBBK = **2 NOS**

DRAWING TITLE :

ELECTRICAL SERVICE
VERIFICATION DRAWING

PROJECT :

M/S VERTEX CONSTRUCTION
(PARTNERSHIP FIRM)
Comm-03, Sector - 50, Noida,
G.B.Nagar,U.P.

OWNER'S SIGN:

For Vertex Construction
Partner Partner

ARCHITECT'S SIGN:



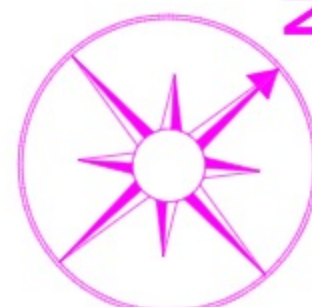
ARCHITECT :

S D A

BUILDING COMPLIANCE | SANCTION |
COMPLETION | NOC'S | APPROVALS |
A D V I S O R Y
ADDRESS : F-003, 1st FLOOR, GNS PLAZA, SITE
IV,OPP. RADHISSION BLU HOTEL KASNA ROAD
PARI CHOWK, GR.NOIDA, G.B. NAGAR, U.P.
Email i'd - sdagnida@gmail.com

DWG. NO.

NORTH



SCALE :

DATE :

25/04/2026

DRG. STATUS:

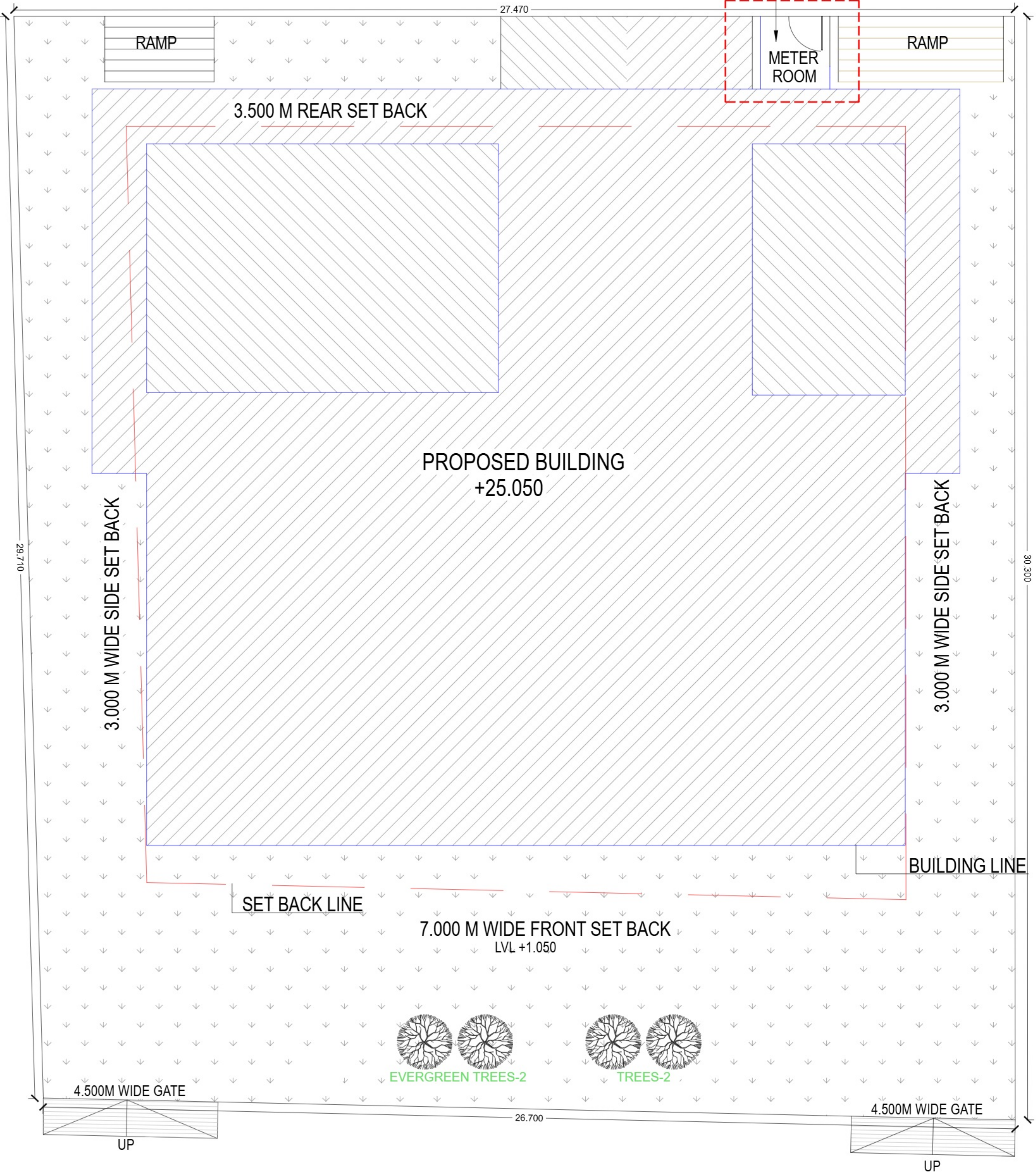
DEALT BY :

RAM HARI

CHECKED BY :

AR. DINESH

800 KVA TRANSFORMER
PROPOSED (1 No.s)



AREA CALCULATION AT M/S VERTEX CONSTRUCTION (PARTNERSHIP FIRM)											
S.NO.	PROPOSED BLOCKS	FLOORS	GROUND COVERAGE (IN SQM.)	BUILD-UP AREA (IN SQM.)	LOAD TYPE	REMARKS AS PER UPPCL SUPPLY CODE 2005	ELECT. LOAD (W/SQM.)	CONNECT ED LOAD (IN KW)	DEMAND FACTOR	DEMAND LOAD (IN KW)	
ALL BUILDINGS											
1	PROPOSED BUILDING	G+4	406.344	2759.344	L & P LOAD	1500 W / 10 SQM.	150	413.943	0.75	310.457	
					TOTAL CONNECTED LOAD OF ALL BLOCKS						310.457
					MAXIMUM DEMAND FOR COMMON SERVICES						
					S.NO.	SERVICES	QTY.	RATING	KW		
					1	BOOSTER PUMPS	1	12.5	12.5		
					2	TUBE WELL	1	5	5		
					3	LIFTS	2	7.5	15		
					3	CAR LIFTS	2	10	20		
					4	FIRE FIGHTING	1	50	50		
					5	STREET LIGHTS	1	20	20		
					6	STP/ETP	1	60	60		
					7	OTHERS	L.S.	L.S.	50		
					TOTAL SERVICES LOAD (IN KW)				232.5	232.5	
					TOTAL CONNECTED LOAD OF CAMPUS				KW	542.957	
					MAXIMUM POWER FACTOR (0.90PF)				KVA	550.000	

TRANSFORMERS M/S VERTEX CONSTRUCTION (PARTNERSHIP FIRM)		
LOAD CALCULATIONS		REMARKS
TOTAL MAXIMUM DEMAND IN KVA	550	
TRANSFORMER CAPACITY AT 85% LOADING (IN KVA)	647.0588235	
SUGGESTED TRANSFORMER CAPACITY	650	1 Nos. OF 800 KVA , (11/0.433KV T/F) (PROPOSED TRANSFORMER)

