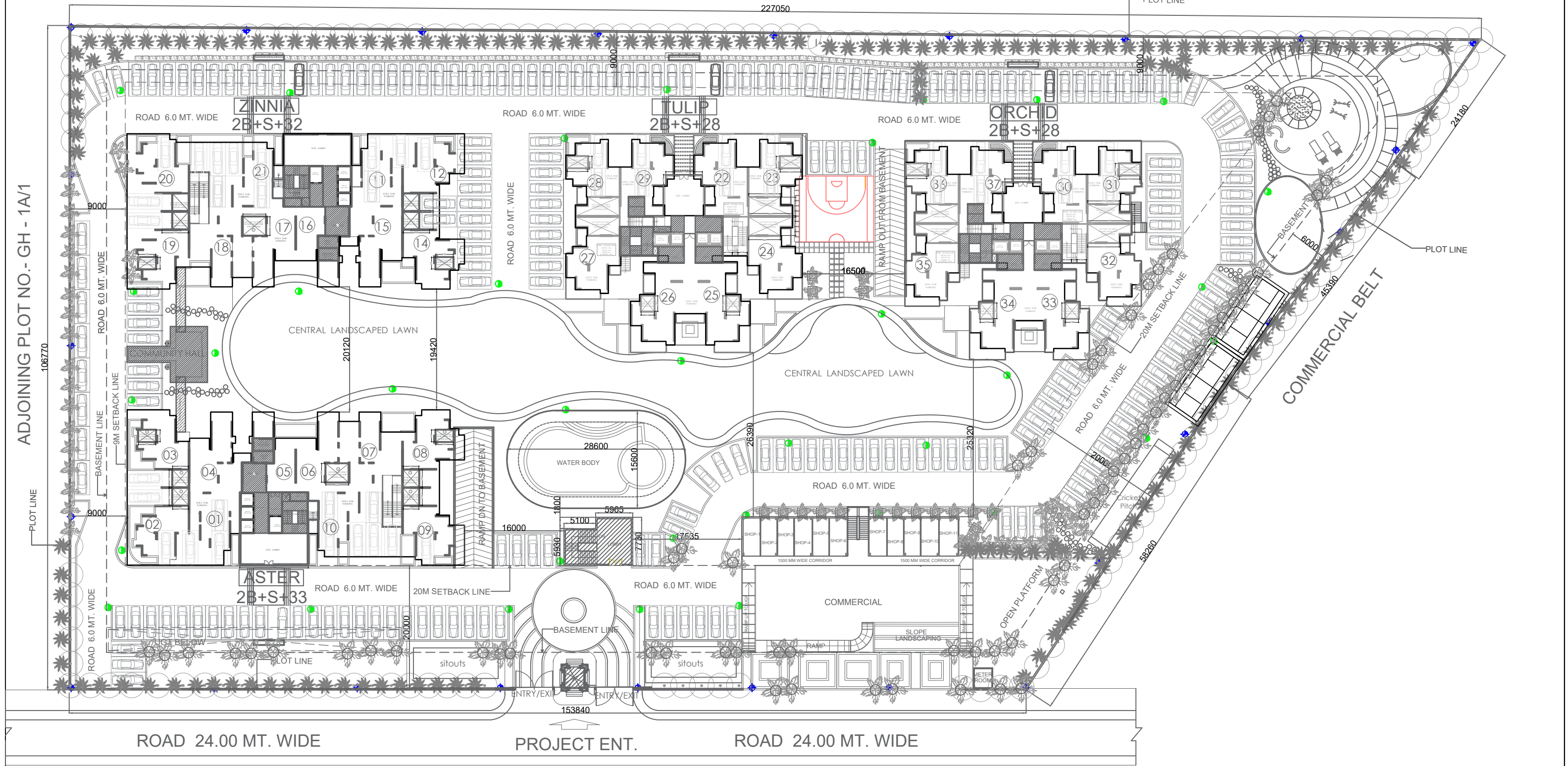


ADJOINING PLOT NO.- GH - 1B (1), 1B (2)



ELECTRICAL LOAD DETAILS OF PROPOSED GROUP HOUSING PROJECT SKA METRO VILLE', GH-1B(3), SECTOR-ETA-II, GREATER NOIDA (UP)									
S. No	Description	per Unit Area	Load/Sqm (W)	Load/Unit(KW)	Floors	Units/floor	Unit/Tower	Total Load	Unit
A Power Consumption for Units									
1	ASTER	691.01	50	34.55	32	10	320	1105.61	KW
2	ORCHID	721.29	50	36.06	27	8	216	973.75	KW
3	TULIP	721.29	50	36.06	27	8	216	973.75	KW
4	ZINNA	691.01	50	34.55	31	10	310	1071.06	KW
	Total						1062	4124.16	KW
B Power Consumption for Services/common Areas									
15	Elevator			30.00			16	480.00	KW
16	Common Lights			2.50			4	10.00	KW
17	External /Gate /landscape lighting							20.00	KW
18	Basements Lights							14.00	KW
19	Basement Ventilation							25.00	KW
20	Convenient Shops	801.82	50	40.09			1	40.09	KW
21	Community Hall/ Club/ Facilities	1033.31	75	77.50			1	77.50	KW
22	Misc							30.00	KW
23	Plumbing Load							45.00	KW
24	Fire pumps (only Jockey pumps have been considered)			10.00			2	20.00	KW
	Total Load							4885.75	KW
Summary									
A	By taking Overall Diversity factor						50%	2442.87	KW
B	By taking Power factor						0.90	2714.30	KVA
C	Total Electric Load (say)							2714	KVA
D	Total Recommended transforms (80% loading)							3393	KVA
E	Recommended transforms of 1500 KVA each							3	Nos
F	Recommended DG for power back up of 500 KVA each							3	Nos

LEGEND

S. No.	SYMBOL	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

PROJECT :- PROPOSED GROUP HOUSING PROJECT
"SKA METRO VILLE"
PLOT NO GH-1B(3), SECTOR - ETA-II
GREATER NOIDA (UP)

CLIENT :-
M/S KAMROOP INFRABUILD PVT. LTD.
CORENTHUM TOWER, A-134, 3RD FLOOR,
SECTOR-62, NOIDA (UP)

SERVICES - SUBMISSION DRAWING

SCALE :-
TITLE :-
ELECTRICAL

OWNER'S SIGN

ARCHITECT SIGN

DRG. NO. :-
ES-04