

**LEGEND**

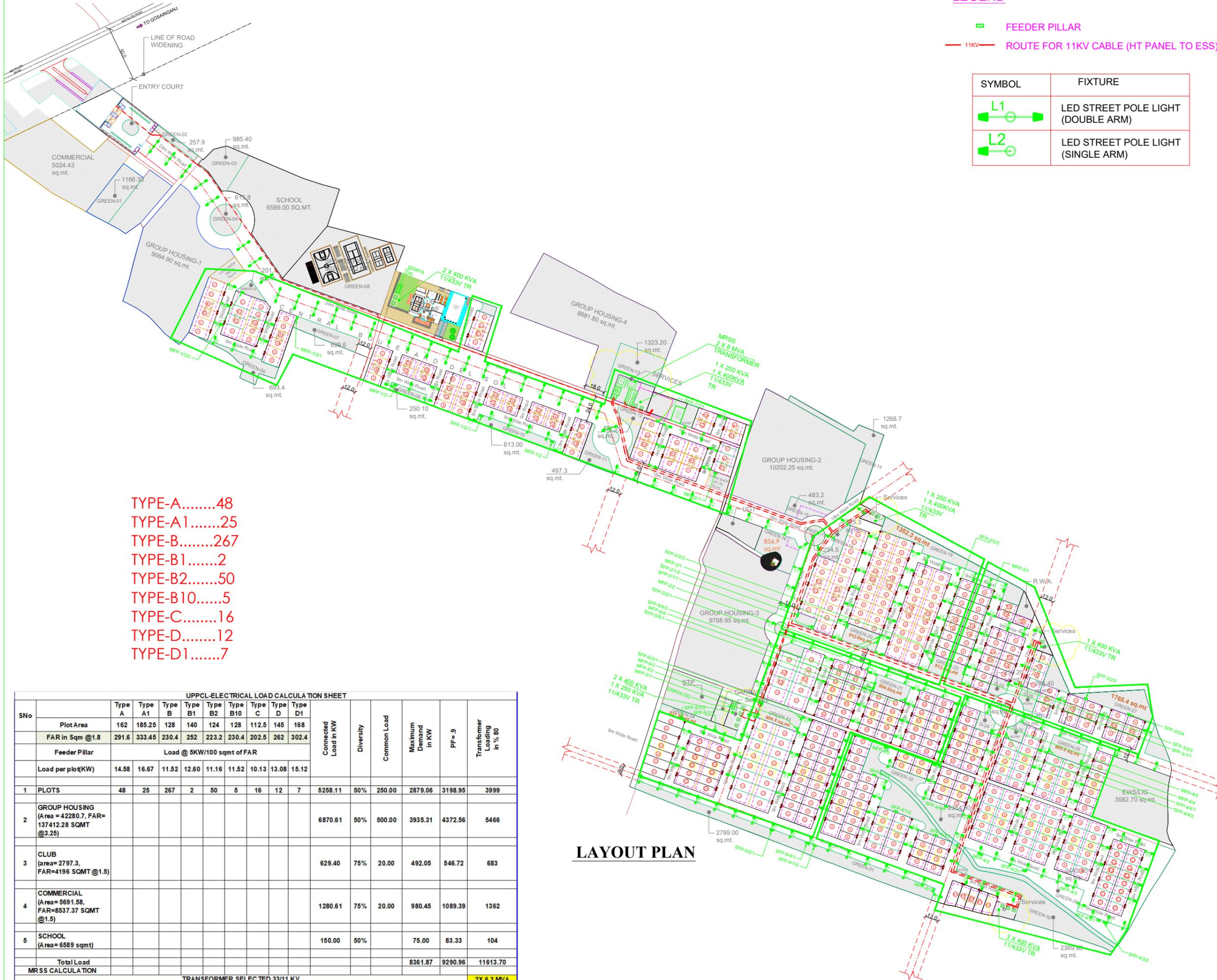
- FEEDER PILLAR
- 11KV ROUTE FOR 11KV CABLE (HT PANEL TO ESS)

SYMBOL	FIXTURE
<span style="color: green;">L1</span>	LED STREET POLE LIGHT (DOUBLE ARM)
<span style="color: green;">L2</span>	LED STREET POLE LIGHT (SINGLE ARM)

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Notes  
1 Dimension to be co-ordinated with relevant architectural structural and other services drawings Incase of any discrepancy refer to architects/consultants.

DISTRIBUTION OF PRINTS		
DATE	ISSUED TO	NO OF PRINTS



- TYPE-A.....48
- TYPE-A1.....25
- TYPE-B.....267
- TYPE-B1.....2
- TYPE-B2.....50
- TYPE-B10.....5
- TYPE-C.....16
- TYPE-D.....12
- TYPE-D1.....7

UPPCL-ELECTRICAL LOAD CALCULATION SHEET																
SNo	Plot Area	Type A	Type A1	Type B	Type B1	Type B2	Type B10	Type C	Type D	Type D1	Connected Load in KW	Diversity	Common Load	Maximum Demand in KW	PF= .9	Transformer Loading in % 80
	FAR in Sqm @1.8	291.6	185.25	128	140	124	128	112.5	145	168						
	Feeder Pillar	Load @ 5KW/100 sqmt of FAR														
	Load per plot(KW)	14.58	16.67	11.52	12.60	11.16	11.52	10.13	13.08	15.12						
1	PLOTS	48	25	267	2	50	5	16	12	7	5258.11	50%	250.00	2879.06	3198.95	3999
2	GROUP HOUSING (Area = 42280.7, FAR= 137412.28 SQMT @3.25)										6870.61	50%	500.00	3935.31	4372.56	5466
3	CLUB (area= 2797.3, FAR=4196 SQMT @1.5)										629.40	75%	20.00	492.05	546.72	683
4	COMMERCIAL (Area = 5691.58, FAR=8537.37 SQMT @1.5)										1280.61	75%	20.00	980.45	1089.39	1362
5	SCHOOL (Area = 6589 sqmt)										150.00	50%		75.00	83.33	104
	<b>Total Load</b>													8361.87	9290.96	11613.70
	<b>MRSS CALCULATION</b>															2X 6.3 MVA

TRANSFORMER SELECTED 33/11 KV

**LAYOUT PLAN**

NO.	DESCRIPTION	DATE	DRAWN	CHECK

Client

Architect

Consultants

Project

**PROPOSED MINI TOWNSHIP AT VILLAGE - KHUJOLI & DHARMANG AT KHERA, NEW JAIL ROAD, LUCKNOW**

**ELECTRICAL SPACE PLANNING & STREET LIGHTING LAYOUT - SITE PLAN**

DRAWING NUMBER	REVISION	PROJECT NO
ED-SITE-SP-EL-01	R-0	PR-25005
SCALE	DATE	
1:1500	29-07-2025	
DRN BY:	CHK BY:	
C.S.	S.K.	
APP BY:		
A.S.		

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