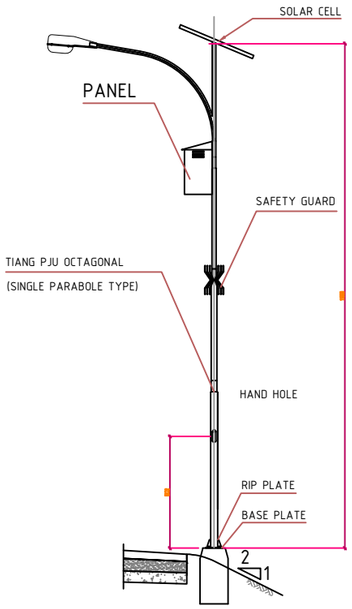
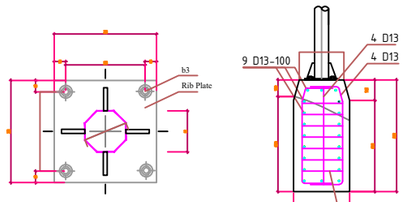
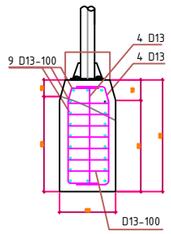
ELECTRICAL LOAD FOR FARM HOUSE AT MOHANLAL GANJ, LUCKNOW						
AREA STATEMENT & L+P Loads						
	FARM HOUSE			**LOAD/SQFT = 1.0 WATT/SQ.FT**		
	Diversity Factor			**0.70**		
S.NO	**DESCRIPTION**	**AREA SQ.mt**	**AREA SQft**	**LOAD IN KW**	**DIVERSITY**	**TOTAL LOAD (KW FOR**
1.0	FARM HOUSE- 01	1219.10	13,122.39	13.12	0.70	9.19
2.0	FARM HOUSE- 02	700.22	7,537.17	7.54	0.70	5.28
3.0	FARM HOUSE- 03	1232.60	13,267.71	13.27	0.70	9.29
4.0	FARM HOUSE- 04	1432.90	15,423.74	15.42	0.70	10.80
5.0	FARM HOUSE- 05	2322.75	25,002.08	25.00	0.70	17.50
6.0	FARM HOUSE- 06	2107.28	22,682.76	22.68	0.70	15.88
7.0	FARM HOUSE- 07	1010.16	10,873.36	10.87	0.70	7.61
8.0	FARM HOUSE- 08	1004.64	10,813.94	10.81	0.70	7.57
					TOATAL LOAD	**83.11**
					TOATAL LOAD IN KVA	**118.72**
					TRANSFORMER LOADING	**80%**
					TOTAL DEMAND LOAD	**103.88**
					TRANSFORMER SELECTION	**100 KVA**



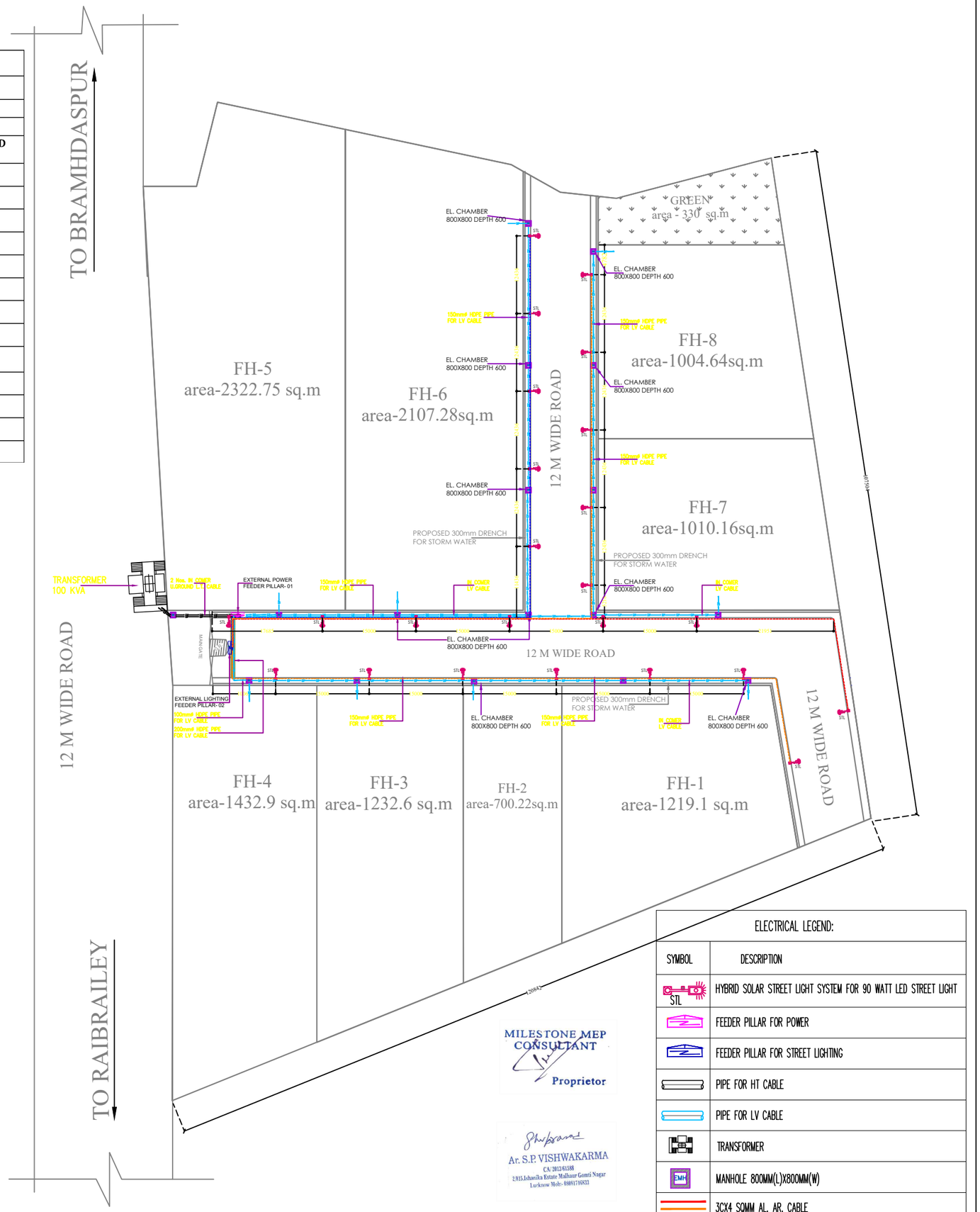
FRONT VIEW
NTS



BASE PLATE
TOP VIEW



DETAIL A
SIDE VIEW



ELECTRICAL LEGEND:	
SYMBOL	DESCRIPTION
STL	HYBRID SOLAR STREET LIGHT SYSTEM FOR 90 WATT LED STREET LIGHT
	FEEDER PILLAR FOR POWER
	FEEDER PILLAR FOR STREET LIGHTING
	PIPE FOR HT CABLE
	PIPE FOR LV CABLE
	TRANSFORMER
EMH	MANHOLE 800MM(L)X800MM(W)
	3CX4 SQMM AL. AR. CABLE

MILESTONE MEP CONSULTANT
Proprietor

Ar. S.P. VISHWAKARMA
CA/2013/61588
2/815,Ishanika Estate Malhaur Gomti Nagar
Lucknow Mob:- 08081746833

LEGEND				
S.NO	DESCRIPTION	QUANTITY	HEIGHT	REMARKS

NOTES:

1. ALL DIMENSIONS ARE IN FT.
3. NO DIMENSIONS TO BE SCALED OFF THE DRAWING ONLY WRITTEN DIMENSIONS TO BE FOLLOWED.
2. DISCREPANCIES IN DIMENSIONS OR OTHERWISE SHOULD BE BROUGHT TO THE NOTICE OF CONSULTANT BEFORE STARTING THE WORK.
3. ANY DISCREPANCY FOUND IN THE DRAWING TO BE IMMEDIATELY GOT CLARIFIED WITH THE ARCHITECT.
4. ALL DRAWINGS ARE INTER RELATED AND SHALL BE READ IN CONJUCTION WITH OTHER DRAWINGS.

GENRE:-

- ■ FOR DISCUSSION
- □ FOR STRUCTURE
- □ FOR EXECUTION

NORTH

PROJECT

FARM HOUSE LAYOUT AT MOHANLAL GANJ, LUCKNOW

CLIENT

JMD GREEN

DRAWING TITLE

ELECTRICAL POWER DISTRIBUTION & STREET LIGHTING LAYOUT

DRAWING NO.

REVISION NO-	DATE OF ISSUE-
R-1	11/DEC/2025

EXECUTINGAGENCY

SCALE-	SHEET SIZE-
NTS	A3
DRAWN BY-	CHECKED BY-
KAMRAN	ER. TARIQ

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