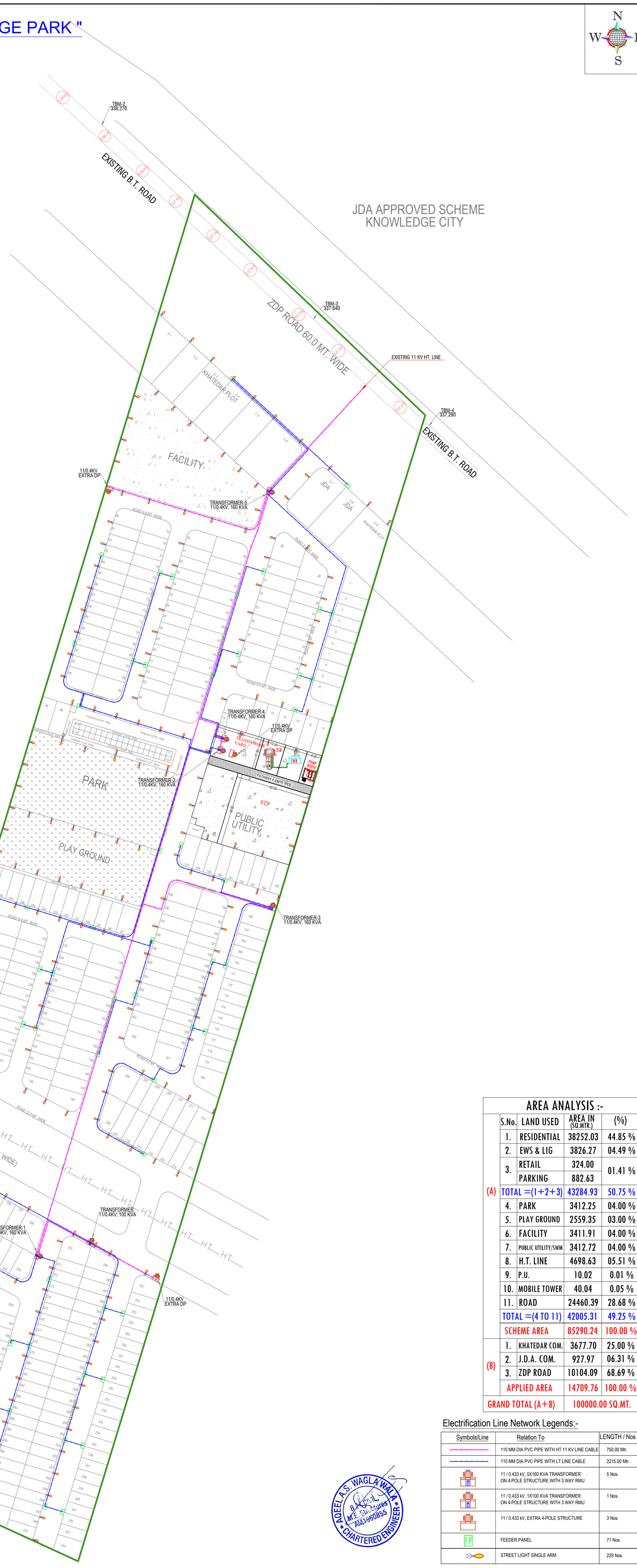
Layout Plan of Electrical Network System For " THE KNOWLEDGE PARK "

AT REVENUE- VILLAGE :- CHITODA, TEH.- MADHORAJPURA, JAIPUR
IN KHASRA NO.- 2589/12, 2765/2577



AREA ANALYSIS :-

	S.No.	LAND USED	AREA IN (SQ.MTR.)	(%)
	1.	RESIDENTIAL	38252.03	44.85 %
	2.	EWS & LIG	3826.27	04.49 %
	3.	RETAIL	324.00	01.41 %
		PARKING	882.63	
(A)	TOTAL =(1+2+3)		43284.93	50.75 %
	4.	PARK	3412.25	04.00 %
	5.	PLAY GROUND	2559.35	03.00 %
	6.	FACILITY	3411.91	04.00 %
	7.	PUBLIC UTILITY/SWM	3412.72	04.00 %
	8.	H.T. LINE	4698.63	05.51 %
	9.	P.U.	10.02	0.01 %
	10.	MOBILE TOWER	40.04	0.05 %
	11.	ROAD	24460.39	28.68 %
	TOTAL =(4 TO 11)		42005.31	49.25 %
	SCHEME AREA		85290.24	100.00 %
(B)	1.	KHATEDAR COM.	3677.70	25.00 %
	2.	J.D.A. COM.	927.97	06.31 %
	3.	ZDP ROAD	10104.09	68.69 %
	APPLIED AREA		14709.76	100.00 %
GRAND TOTAL (A+B)			100000.00 SQ.MT.	

Electrification Line Network Legends:-

Symbols/Line	Relation To	LENGTH / Nos
	110 MM DIA PVC PIPE WITH HT 11 KV LINE CABLE	750.00 Mtr.
	110 MM DIA PVC PIPE WITH LT LINE CABLE	2215.00 Mtr.
	11 / 0.433 kV, 5X160 KVA TRANSFORMER ON 4-POLE STRUCTURE WITH 3 WAY RMU	5 Nos.
	11 / 0.433 kV, 1X100 KVA TRANSFORMER ON 4-POLE STRUCTURE WITH 3 WAY RMU	1 Nos.
	11 / 0.433 kV, EXTRA 4-POLE STRUCTURE	3 Nos.
FP	FEEDER PANEL	71 Nos.
	STREET LIGHT SINGLE ARM	229 Nos.

AQEEL A.S. WAGLA WALA
B.E. (Civil)
M.E. Structures
AM1560855
CHARTERED ENGINEER

NOTES:-
1. ALL DIMENSIONS ARE IN METER & DIAMETERS ARE IN MILLIMETER, UNLESS OTHERWISE SPECIFIED.
2. EARTH COVER PROVIDED ABOVE PIPE SHALL BE MINIMUM 1.0 M.
3. PIPE MATERIAL uPVC.
4. ALL LEVELS ARE BASED ON SITE TOPOGRAPHICAL SURVEY DRAWING.

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PROJECT NAME:- " THE KNOWLEDGE PARK "

DRAWING TITLE:- LAYOUT PLAN OF ELECTRICAL DISTRIBUTION SYSTEM

SCALE:-	DRAWING NO.:-	REV:-
AS SHOWN	EN / TKP/ JPR/ 05	R0

DATE.:-	DRAWN BY	DESIGN BY	SHEET NO.:-
12-11-2025	G.S.	B.K.	1 of 1