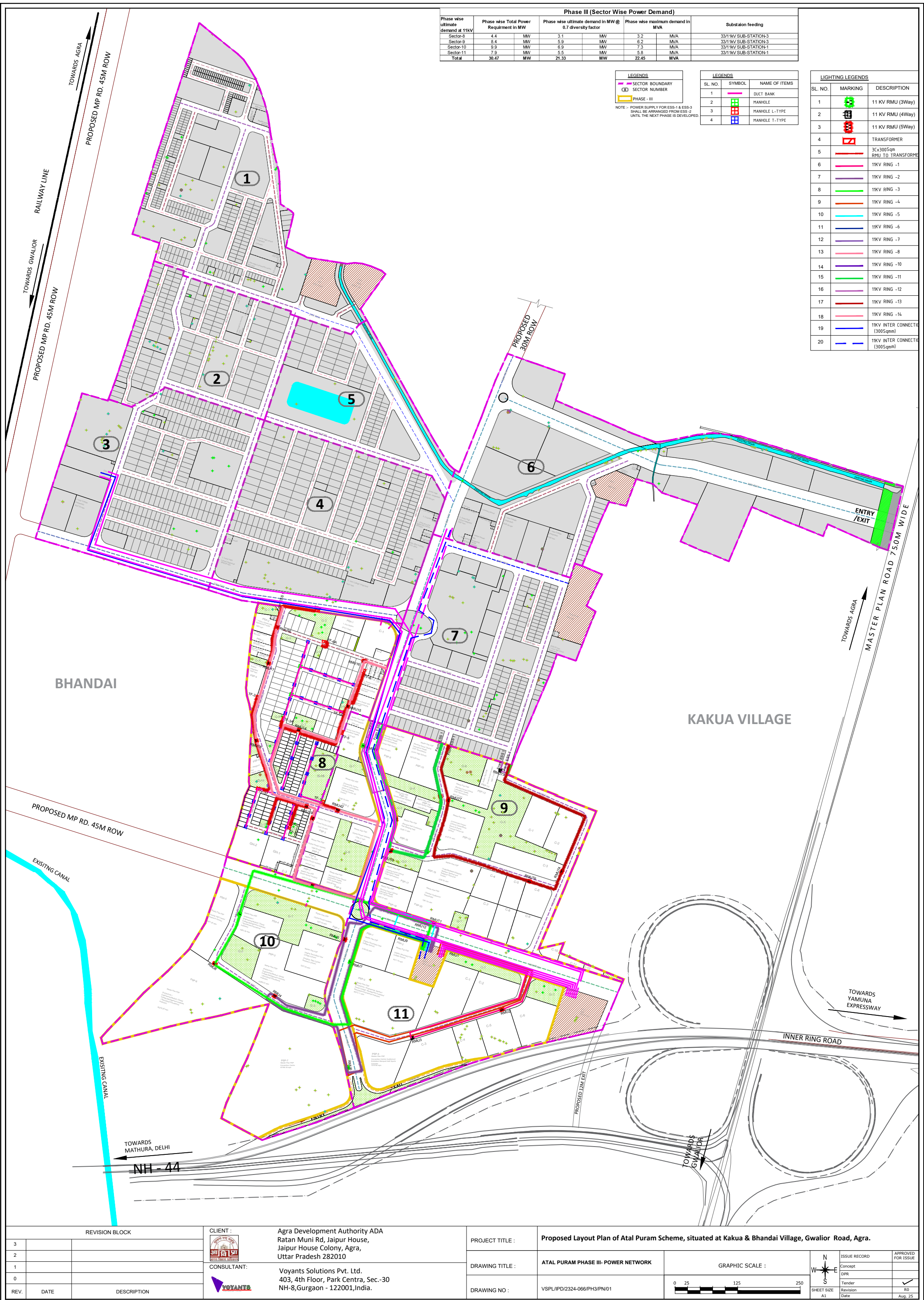




Phase III (Sector Wise Power Demand)						
Phase wise ultimate demand at 11kV	Phase wise Total Power Requirement in MW		Phase wise ultimate demand in MW @ 0.7 diversity factor		Phase wise maximum demand in MVA	
Sector-8	4.4	MW	3.1	MW	3.2	MVA
Sector-9	8.4	MW	5.9	MW	6.2	MVA
Sector-10	9.9	MW	6.9	MW	7.3	MVA
Sector-11	7.9	MW	5.5	MW	5.8	MVA
Total	30.47	MW	21.33	MW	22.45	MVA
Substation feeding						
33/11KV SUB-STATION-3						
33/11KV SUB-STATION-3						
33/11KV SUB-STATION-1						

LEGENDS		
SECTOR BOUNDARY		
SECTOR NUMBER		
PHASE - III		

NOTE :- POWER SUPPLY FOR ESS-1 & ESS-3 SHALL BE ARRANGED FROM ESS-2 UNTIL THE NEXT PHASE IS DEVELOPED.

LEGENDS		
SL. NO.	SYMBOL	NAME OF ITEMS
1		DUCT BANK
2		MANHOLE
3		MANHOLE L-TYPE
4		MANHOLE T-TYPE

LIGHTING LEGENDS		
SL. NO.	MARKING	DESCRIPTION
1		11 KV RMU (3Way)
2		11 KV RMU (4Way)
3		11 KV RMU (5Way)
4		TRANSFORMER
5		3Cx300sqm RMU TO TRANSFORMER
6		11KV RING -1
7		11KV RING -2
8		11KV RING -3
9		11KV RING -4
10		11KV RING -5
11		11KV RING -6
12		11KV RING -7
13		11KV RING -8
14		11KV RING -10
15		11KV RING -11
16		11KV RING -12
17		11KV RING -13
18		11KV RING -14
19		11KV INTER CONNECT (300sqmm)
20		11KV INTER CONNECT (300sqmm)

REVISION BLOCK		
3		
2		
1		
0		
REV.	DATE	DESCRIPTION

CLIENT :	Agra Development Authority ADA Ratan Muni Rd, Jaipur House, Jaipur House Colony, Agra, Uttar Pradesh 282010
CONSULTANT:	Voyants Solutions Pvt. Ltd. 403, 4th Floor, Park Centra, Sec.-30 NH-8,Gurgaon - 122001,India.

PROJECT TITLE :	Proposed Layout Plan of Atal Puram Scheme, situated at Kakua & Bhandai Village, Gwalior Road, Agra.		
DRAWING TITLE :	ATAL PURAM PHASE III- POWER NETWORK	GRAPHIC SCALE :	
DRAWING NO :	VSPL/IPD/2324-066/PH3/PN/01	0 25 125 250	
		N W E S	ISSUE RECORD
			Concept
			DPR
			Tender
			Revision
			Date
			APPROVED FOR ISSUE
			R0
			Aug. 25