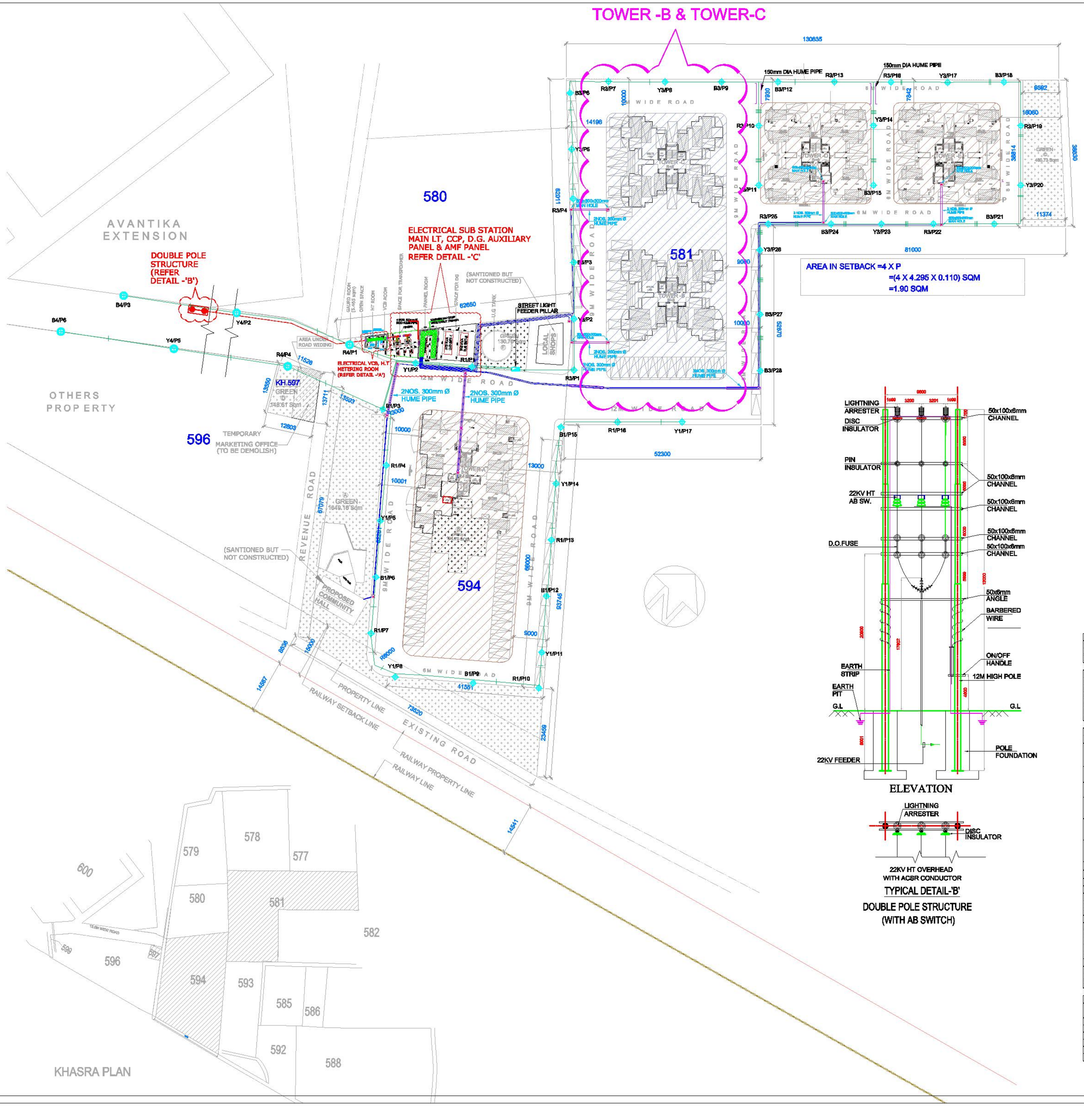
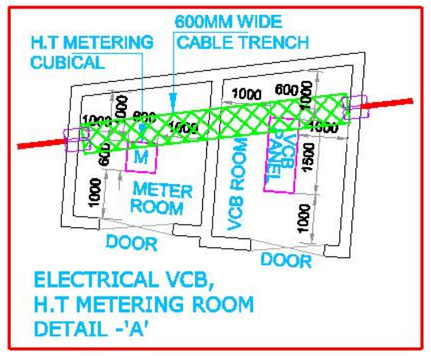
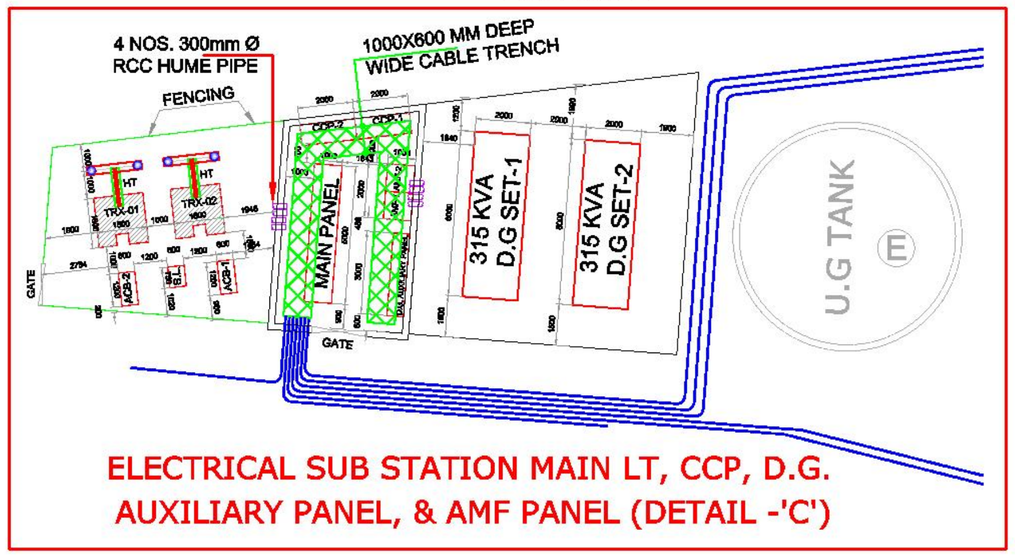
TOWER -B & TOWER-C







ELECTRICAL LEGEND:

SYMBOL	DESCRIPTION	QTY.
	3.0M HEIGHT DECORATIVE POLE	45 NOS.
	9.0M HEIGHT SINGLE ARM POLE	06 NOS.
	STREET LIGHT FEEDER PILLAR	01NO.
	150mm DIA RCC HUME PIPE	

4X10 SQ MM AL ARMD.CABLE
4X6 SQ MM AL ARMD.CABLE
4X4 SQ MM AL ARMD.CABLE
2X4 SQ MM AL ARMD.CABLE

LEGEND:-

SYMBOL	DESCRIPTION
	TRANSFORMER
	DP STRUCTURE FOR HT SUPPLY OH DISTRIBUTION
	MAN HOLE
	HT SUPPLY LINE
	LT SUPPLY LINE
	HUME PIPE
	CABLE TRENCH

NOTES:-

1. HUME PIPE SHALL BE LAID BELOW 600 mm FROM GROUND LEVEL.
2. MAN HOLE LOCATED IN METER ROOM SHALL BE 300 mm DEEP MAX.
3. MAN HOLE LOCATED OUT SIDE METER ROOM SHALL BE 600 mm DEEP MAX.

ABBREVIATIO:-

R1/ P1
- POLE NO
- PHASE & CIRCUIT NO.

AREA CALCULATION

TOTAL PLOT AREA	=13795 M²
AREA UNDER ROAD	=18.61 M²
AREA UNDER GREEN(15%)	=2066.46 M²

NET SCHEME AREA	= 11709.93 M²
PERMISSIBLE GROUND COVERAGE @ 35 %	=4098.47 M²
PERMISSIBLE COMMERCIAL /OFFICE @ 5%	=585.50 M²
PERMISSIBLE F.A.R @1.5	=17564.890 M²
PERMISSIBLE DUS @150 DUS PER HEC.	=176 NOS.
PERMISSIBLE DENSITY @ 5 PERSON S/DUS	=880 PERSONS
PROPOSED DENSITY @ 5 PERSONS /DUS	= 780 PERSONS

AREA STATEMENT

TOWER/BLOCK	STATUS	NO. OF DUS	STILT FLOOR (M²) CORE AREA	STILT FLOOR (M²) PARKING AREA	STILT FLOOR (M²) METER ROOM	GROUND COVERAGE (M²)	F.A.R (M²)
TOWER-A (SANCTIONED AS TYPE-A)	CONSTRUCTED	36	56.09	483.960	17.9	557.950	4980.540
TOWER-B (SANCTIONED AS TYPE-B)	SANCTIONED BUT NOT CONSTRUCTED	36	44.248	366.298	-	410.546	3679.870
TOWER-C (SANCTIONED AS TYPE-B)	SANCTIONED BUT NOT CONSTRUCTED	36	44.248	366.298	-	410.546	3679.870
TOWER-D (SANCTIONED AS TYPE-C)	CONSTRUCTED	24	50.48	350.251	11.179	411.910	2472.920
TOWER-E (SANCTIONED AS TYPE-C)	CONSTRUCTED	24	50.48	350.251	11.179	411.910	2472.920
CONVENIENT SHOPS	NOT CONSTRUCTED	NIL	NIL	NIL	-	100.00	120.00
COMMUNITY HALL	NOT CONSTRUCTED	NIL	NIL	NIL		108.00	150.00
	TOTAL	156	245.546	1917.058		2410.862	17556.120

STILT PARKING AREA	=1917.058 SQM.
TOTAL GROUND COVERAGE	=2410.862 @ 20.58 %
TOTAL F.A.R	=17556.120@ 1.4992

PARKING STATEMENT

PERMISSIBLE PARKING @ 1 ECS @ 100SQM =176 CAR
OPEN CAR PARKING =122
STILT CAR PAKING = 54
TOTAL =176

TOTAL ORGANISED GREEN =(A+B+C)=1649.16+194.79+806.73=2250.68 SQM. @19.22 %
ADDITIONAL GREEN=(D+E)=148.61 SQM+130.75 SQM.=279.36 SQM.
TOTAL GREEN=2530.04 SQM.

NON F.A.R AREA

	TOWER A (SQM)	TOWER B (SQM)	TOWER C (SQM)	TOWER D (SQM)	TOWER E (SQM)	TOTAL (SQM)
METER ROOM	17.900	-	-	11.179	11.179	40.258
MUMTY	22.399	19.01	19.01	40.88	40.88	142.179
MACHINE ROOM	27.120	43.782	43.782	54.08	54.08	222.844
GALRD ROOM						5.465
TOTAL	67.419	62.792	62.792	106.139	106.139	410.746

PROJECT	GROUP HOUSING ON KHASRA NO. 581 594 AND 597, VILLAGE DASNA, GHAZIABAD.
TITLE	EXTERNAL ELECTRIFICATION LAYOUT HT/LT DISTRIBUTION SYSTEM & STREET LIGHTING LAYOUT
DEALT BY.	P. S. PATWAL
DATE	20-12-2017
REV.	R0
CHECKED BY.	ADITYA GUPTA
SCALE	1:500
DRG NO.	SERV./1055/GZB-GH-DASNA/COMP/EL-EXT.- 01
ARCHITECT'S SIGNATURE	OWNER'S SIGNATURE

ANSAL HOUSING & CONSTRUCTION LTD.
15, UGF INDRA PRAKASH
21-BARAKHAMBHA ROAD
NEW DELHI - 110001

PDF Compressor Free Version