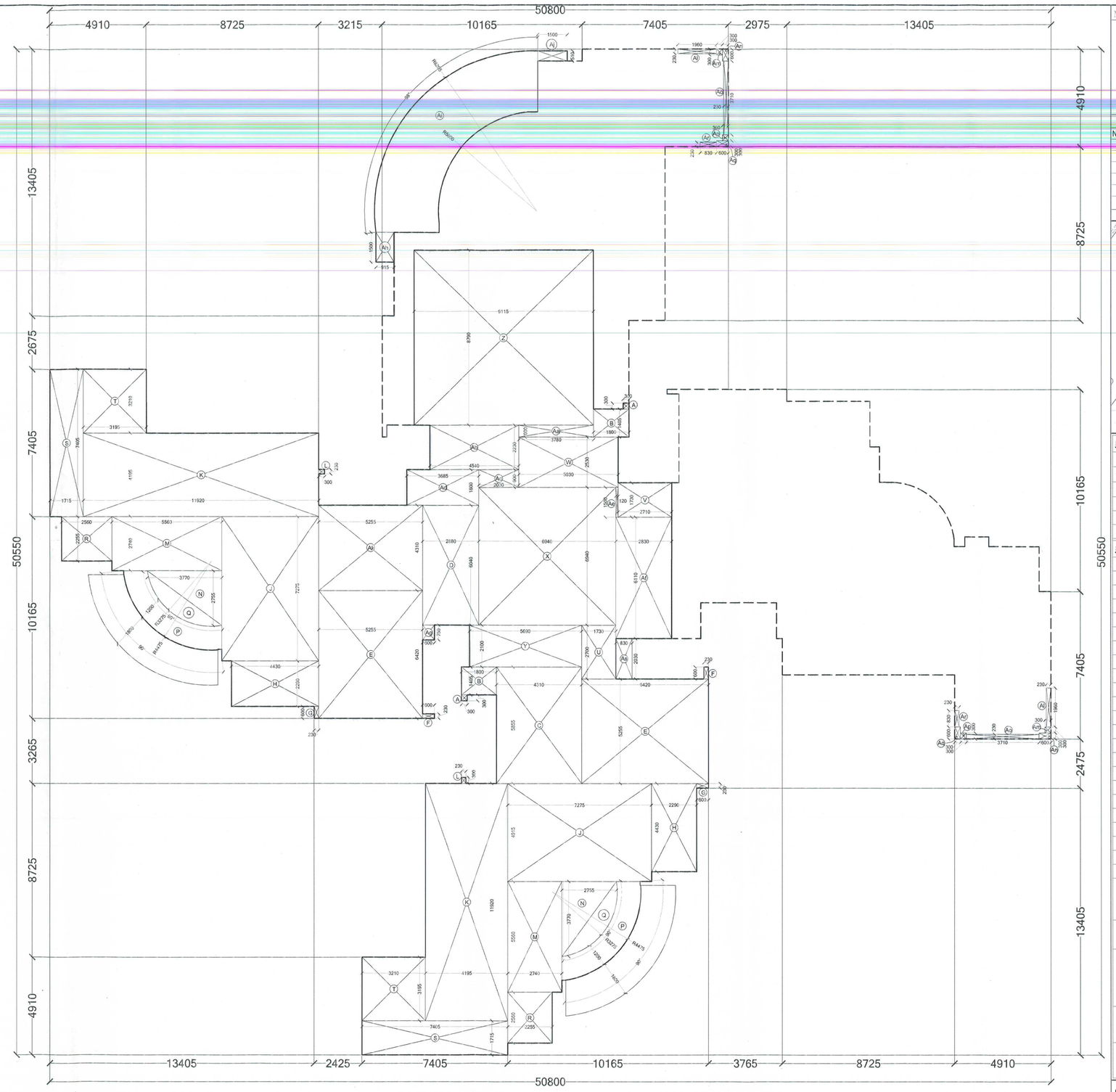
STILT/GROUND FLOOR PLAN

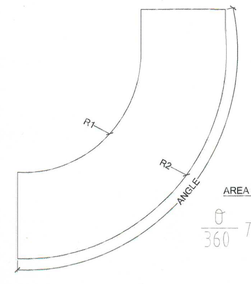


STILT/GROUND FLOOR PLAN AREA DIAGRAM

GROUND/STILT FLOOR PLAN-TOWER B				
ADDITIONS				
RECTANGLES				
No.	BASE (M)	HEIGHT(M)	Nos.	AREA(SQ.M)
A	0.3	0.3	2	0.18
B	1.8	1.405	2	5.058
C	4.31	5.855	1	25.23505
D	2.88	6.04	1	17.3952
E	6.42	5.255	2	67.4742
F	0.23	0.6	2	0.276
G	0.6	0.23	2	0.276
H	2.29	4.43	2	20.2894
J	7.275	4.915	2	71.51325
K	4.195	11.92	2	100.0088
L	0.23	0.3	2	0.138
M	2.74	5.56	2	30.4688
R	2.255	2.56	2	11.5456
S	7.405	1.715	2	25.39915
T	3.21	3.195	2	20.5119
U	1.73	2.7	1	4.671

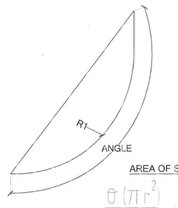
V	2.71	1.73	1	4.6883
W	5.03	2.53	1	12.7259
X	6.94	6.94	1	48.1636
Y	5.69	2.1	1	11.949
Z	8.79	9.115	1	80.12085
Aa	3.78	0.6	1	2.268
Ab	4.54	2.23	1	10.1242
Ac	2.03	0.9	1	1.827
Ad	3.685	1.8	1	6.633
Ae	0.12	1.5	1	0.18
Af	2.83	6.11	1	17.2913
Ag	0.6	0.75	1	0.45
Ah	1.5	0.915	1	1.3725
Aj	0.51	1.5	1	0.765
Ak	5.255	4.31	1	22.64905
Al	0.3	1.96	2	1.176
Am	0.3	0.3	2	0.18
An	0.6	0.3	2	0.36
Ao	3.71	0.23	2	1.7066
Ap	0.3	0.3	2	0.18

Aq	0.3	0.6	2	0.36
Ar	0.23	0.83	2	0.3818
As	0.83	2.03	1	1.6849
TOTAL				627.68
RIGHT ANGLE TRIANGLE				
N	3.77	2.755	2	10.38635
TOTAL				10.39
SEGMENT				
P		7.3005	2	14.601
Q		3.0568	2	6.1136
Al		36.49	1	36.49
TOTAL				57.2046
TOTAL COVERED AREA				695.27



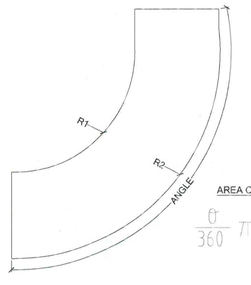
AREA OF SEGMENT

$\frac{\theta}{360}\pi(r_1^2-r_2^2)$ $=\frac{98}{360}\times3.14(8205\times8205-5000\times5000)$
$=\frac{3.14\times98}{360}(67.69-25)=\frac{3.14\times98}{360}(42.69)$
$=36.49$



AREA OF SEGMENT

$\frac{\theta}{360}\pi(r_1^2-r_2^2)$ $=\frac{90}{360}\times3.14(4475\times4475-3275\times3275)$
$=\frac{3.14}{4}(20.03-10.73)=7.3005$



NOTE: KINDLY REFER DRG. AR-A-18 FOR FLOOR WISE AREA CONSUMPTION TABLE

SCHEDULE OF OPENING

S.NO.	TYPE	WIDTH	HEIGHT	CILL	LINTEL
1	FD	1100	2550	-	2550
2	FD1	900	2550	-	2550
3	FD2	900	2100	-	2100
4	D/W	1875	2800	-	2800
5	D/W1	3420	2800	-	2800
6	D/W2	1810	2800	-	2800
7	D/W3	2525	2800	-	2800
8	W01	1200	1750	1050	2800
9	W02	600	1750	1050	2800
10	W03	2250	2400	400	2800
11	W04	3800	2400	400	2800
12	W05	1540	2400	400	2800
13	W06	-	1900	900	2800
14	W07	1810	2400	400	2800
15	W08	1955	2400	400	2800
16	W09	1800	1750	1050	2800
17	W10	450	1750	1050	2800
18	W11	750	1750	1050	2800
19	W12	1800	1900	900	2800
20	W13	1630	1900	900	2800
21	W14	1100	1900	900	2800
22	W15	1430	1900	900	2800
23	W16	1335	2400	400	2800
24	W17	1570	2400	400	2800
25	W18	1105	2400	400	2800
26	W19	500	1750	1050	2800
27	W20	1570	2400	400	2800
28	W21	1555	2400	400	2800
29	W22	1300	1750	1050	2800
30	W23	485	1750	1050	2800
31	W24	1835	1750	1050	2800
32	W25	1900	1900	1050	2800
33	W16	1570	2400	400	2800
34	D01	1400	2400	-	2400
35	D02	1050	2400	-	2400
36	D03	900	2100	-	2100
37	D04	900	2400	-	2400
38	D05	800	2400	-	2400
39	D06	800	2800	-	2800
40	D07	750	2800	-	2800
41	D08	1050	2800	-	2800
42	D09	900	2550	-	2550
43	D10	900	2400	-	2400
44	D11	900	2100	-	2100
45	D12	750	2100	-	2100
46	D13	900	2800	-	2800
47	D09a	800	2800	-	2800

PLUMBING NOTES:-

1. ALL PIPES DIAMETERS ARE IN MM.
2. ALL CONNECTIONS FLOOR DRAIN TO M.F.T. WILL BE 31 OD WASTE PIPE.
3. ALL WASTE FROM WASH BASIN TO M.F.T. WILL BE 40 OD SWR WASTE PIPE.
4. ALL PIPES FROM MFT TO STACK WILL BE 75 OD SWR PIPES ORDITHERWISE SPECIFIED.
5. ALL PIPES FROM WCUT TO STACK WILL BE 110 OD SWR PIPES ORDITHERWISE SPECIFIED.
6. ALL PIPES FROM MFT TO CT WILL BE 110 90 OD SWR PIPES ORDITHERWISE SPECIFIED.
7. ALL PIPES FROM WCUT TO MH WILL BE 110 OD SWR PIPES ORDITHERWISE SPECIFIED.
8. THIS DRG. SHOULD BE READ ALONG WITH ARD/STRCTURAL/STRUCTURAL DRG.

D.T.P. (S) Member Secretary B.P.C.

S.T.P. (G) Member B.P.C.

D.T.P. (G) Chairman B.P.C.

AE JD SD

Checked and found ok for Public Health (Internal) Services only subject to compliance of following letter No. 6E(HQ)/_ Dt. _

Executive Engineer HUDA, Panchkula

NOTE:- MECHANICAL VENTILATION WILL BE PROVIDED IN THE POWDER ROOM & WC

Notes

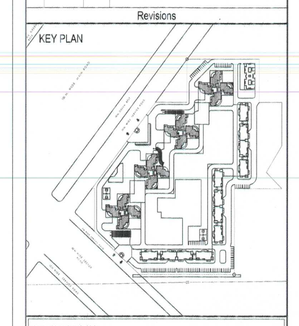
- Dimensions are not to be scaled.
- All Dimensions Are In MM
- All windows & ventilators are openable
- All walls are 230/115 thk. Brick Wall

Issues

No.	Date	By	Description

Revisions

KEY PLAN

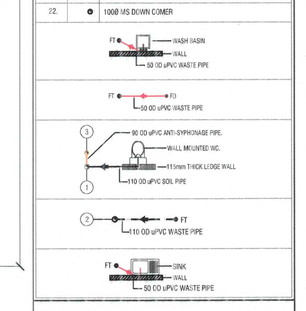


PLUMBING NOTES:-

1. WASH BASIN TO FLOOR TRAP (FT) 32 OD UPVC PIPE.
2. KITCHEN SINK TO FLOOR TRAP (FT) 32 OD UPVC PIPE.
3. FLOOR DRAIN (FD) TO FLOOR TRAP (FT) 50 OD UPVC WASTE PIPE.
4. 110 OD uPVC PIPE USED FOR SOIL & WASTE.
5. 110 OD uPVC PIPE USED FOR TERRACE RAIN WATER
6. 90 OD uPVC PIPE USED FOR BALCONY.

SCHEDULE OF PIPES :-

PIP. NO.	SYMBOL	DESCRIPTION
1.		110 OD SWR SOIL & VENT PIPE
2.		110 OD SWR WASTE & VENT PIPE
3.		90 OD SWR ANTI-SYPHONAGE PIPE
4.		COLD WATER SUPPLY PIPE
5.		WATER SUPPLY FOR UPPER FLOORS
6.		FLUSHING PIPE
7.		110 OD uPVC RAIN WATER PIPE
8.		90 OD uPVC RAIN WATER PIPE
9.		COLD WATER RISER
10.		FLUSHING WATER RISER
11.		HOT WATER SUPPLY FROM SOLAR PANEL
12.		HOT WATER RETURN TO SOLAR PANEL
13.		SPACE PROVISION FOR GAS PIPE
14.		A.S.P. (VENT PIPE)
15.		SOIL LINE
16.		WASTE LINE
17.		FLOOR DRAIN
18.	MFT	MULTI FLOOR TRAP
19.		150Ø MS WCT RISER
20.		150Ø MS SPRINKLER RISER
21.		500 RS DRAIN PIPE
22.		150Ø MS DOWN COMER



Owner's Signature

Architect's Signature

Architect
Aravali Sood
Council of Architecture
Registration No. CA/2004/31148

N

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Clients
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Job Title
REVISED BUILDING PLANS OF GROUP HOUSING COLONY ON AREA MEASURING 19.856 ACRES(LICENSE NO. 213 OF 2007 DATED 05.09.2007,LICENSE NO.10 OF 2011 DATED 29.01.2011 AND LICENSE NO.64 OF 2012 DATED 20.08.2012)IN SECTOR-110,GURGAON SUMANSAR URBAN COMPLEX BEING DEVELOPED BY ATHENA INFRASTRUCTURE LTD. AND OTHERS.

SANCTIONED

Drawing Title
GROUND FLOOR PLAN & AREA DIAGRAM
TOWER B

To be read in conjuction with memo no. CFC/ZP/2013/13

Job No.		Drawing No.
Drawn	Checked	AR-A-07
Date 23.07.2012	Scale 1:100	Revisions