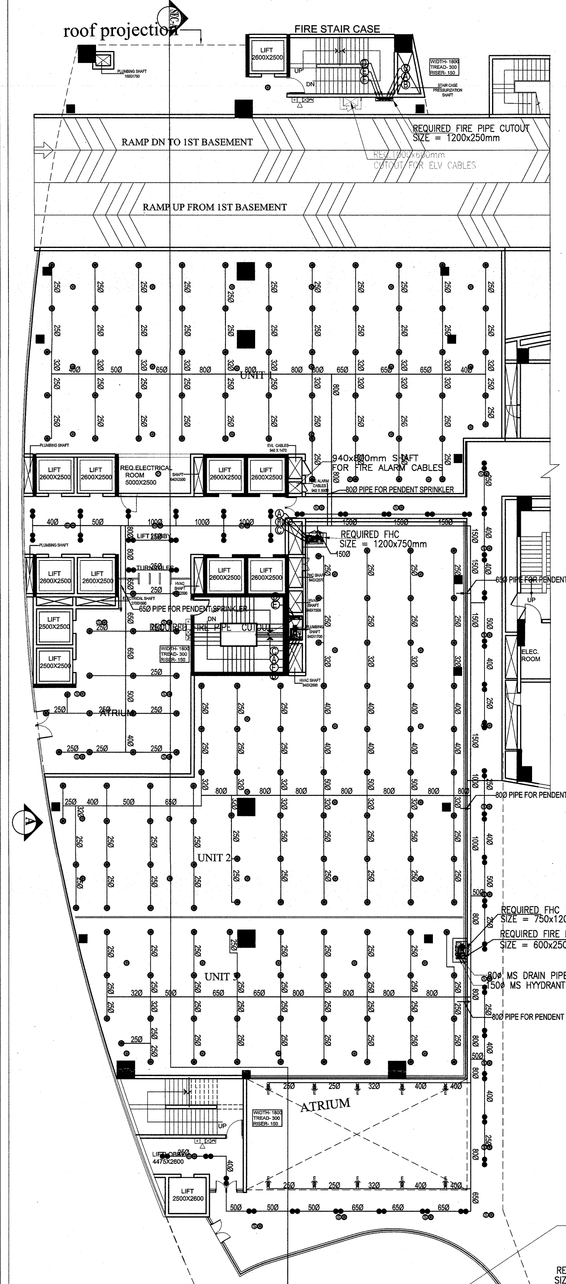
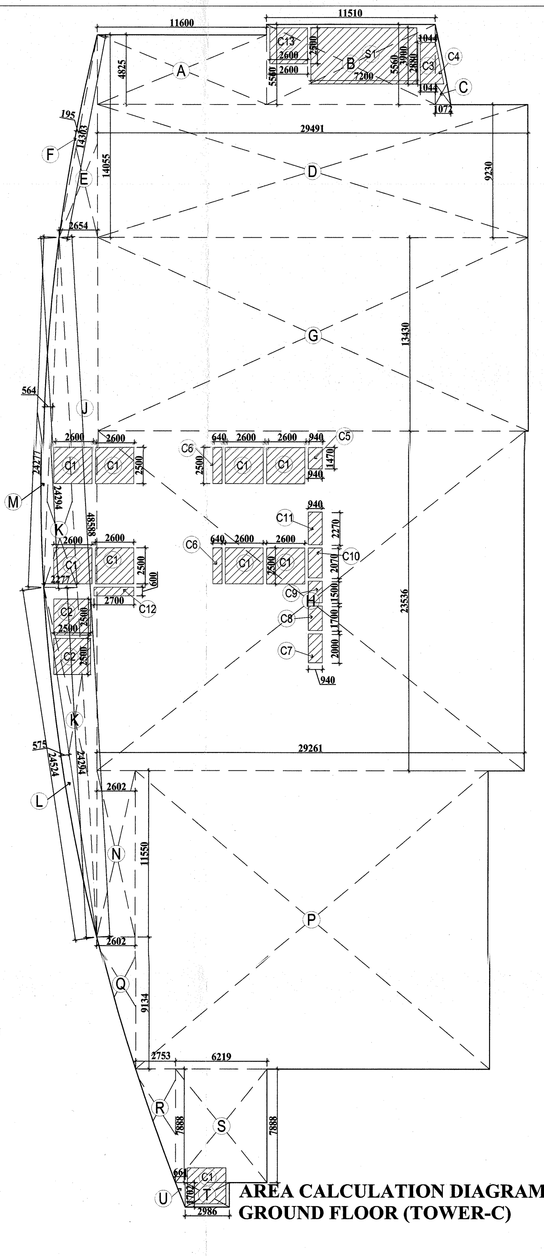
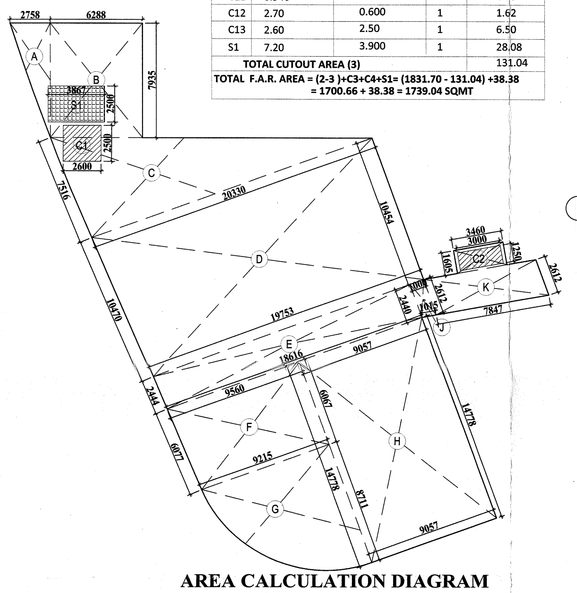




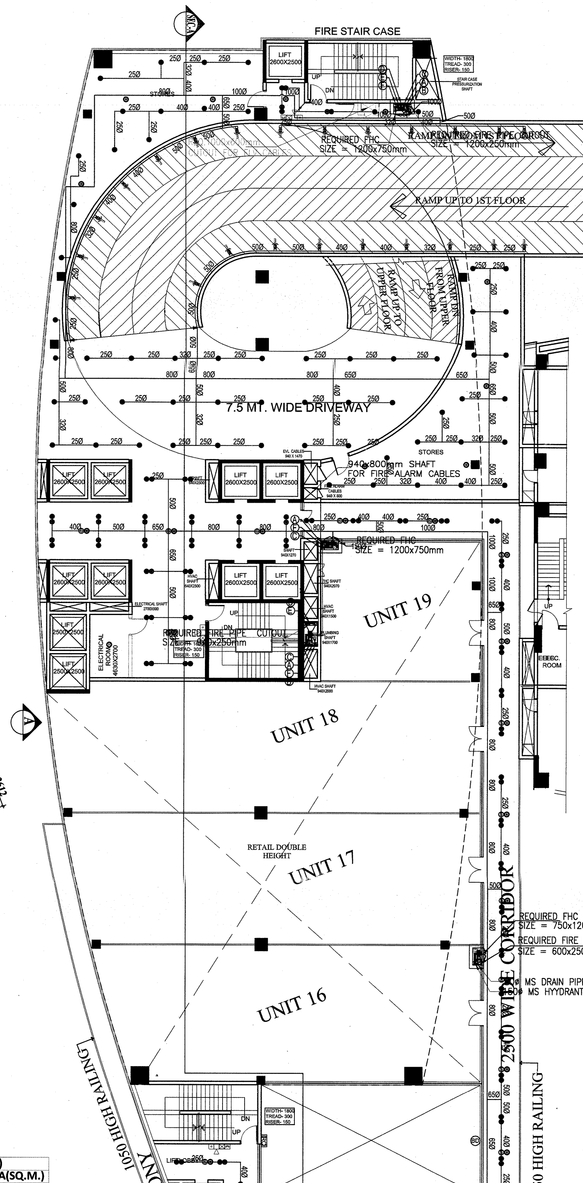
AREA CALCULATION DIAGRAM
GROUND FLOOR (TOWER-C)

AREA CALCULATION FOR GROUND FLOOR (TOWER-C)				
S.NO.	LENGTH	WIDTH	NOS.	AREA(SQ.M.)
A	11.600	4.825	1	55.97
B	11.510	5.560	1	63.99
C	1/2X1.072	5.560	1	2.98
D	29.491	9.230	1	272.20
E	1/2X2.654	14.055	1	18.65
F	2/3X0.195	14.303	1	1.86
TOTAL AREA (1) =				415.65
TOTAL NON FAR AREA = 1 - (S1+C13+C3+C4) =415.65 - 38.38 =277.27				
G	29.491	13.430	1	396.06
H	29.261	23.536	1	688.69
J	1/2X2.654	48.516	1	64.38
K	1/2X2.277	24.294	2	55.32
L	2/3X0.575	24.524	1	9.39
M	2/3X0.564	24.277	1	9.12
N	2.602	11.550	1	30.05
P	24.234	20.684	1	501.26
Q	1/2X2.602	9.134	1	11.88
R	1/2X2.753	7.888	1	10.86
S	6.219	7.888	1	49.05
T	2.986	1.702	1	5.08
U	1/2X0.661	1.702	1	0.56
TOTAL AREA (2) =				1831.70
SERVICE AREA				
C1	2.600	2.500	10	58.50
C2	2.500	2.500	2	12.50
C3	1.044	2.880	1	3.00
C4	1/2X0.557	2.880	1	0.80
C5	0.940	1.470	1	1.38
C6	0.640	2.500	2	3.20
C7	0.940	2.000	1	1.88
C8	0.940	1.700	1	1.60
C9	0.940	1.500	1	1.41
C10	0.940	2.070	1	1.94
C11	0.940	2.270	1	2.13
C12	2.70	0.600	1	1.62
C13	2.60	2.50	1	6.50
S1	7.20	3.900	1	28.08
TOTAL CUTOUT AREA (3)				131.04
TOTAL F.A.R. AREA = (2-3)+C3+C4+S1= (1831.70 - 131.04) +38.38 = 1700.66 + 38.38 = 1739.04 SQMT				

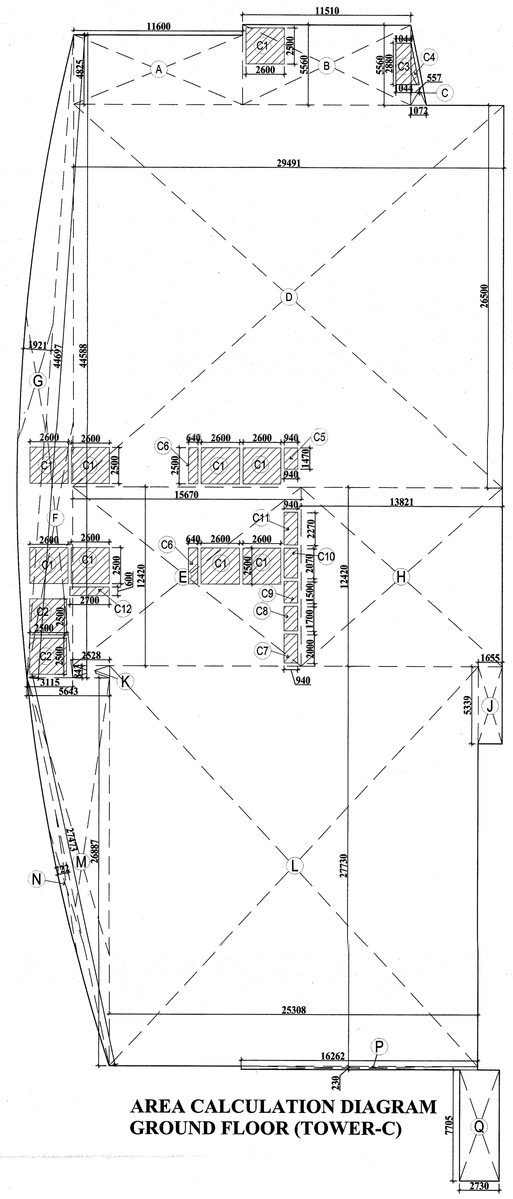


AREA CALCULATION DIAGRAM
FIRST FLOOR (TOWER-D)

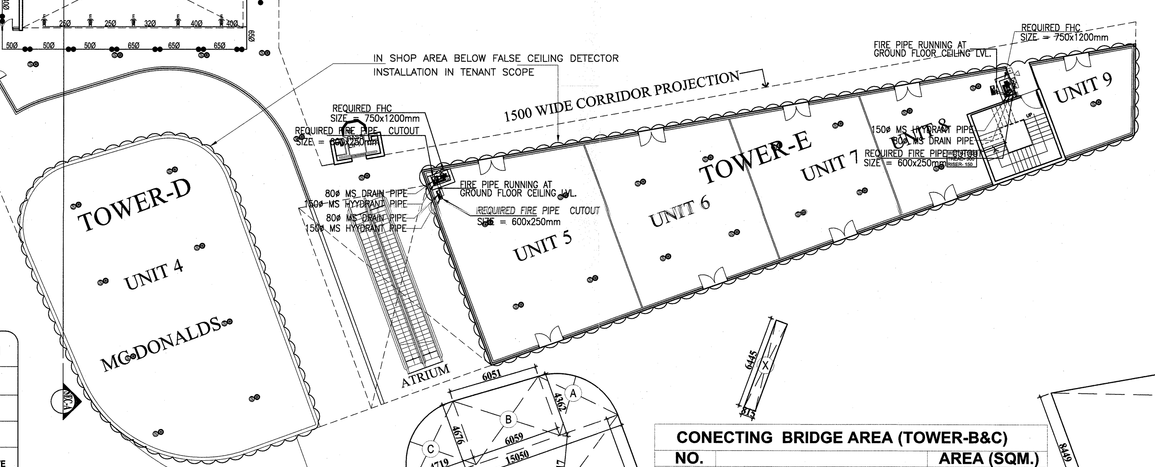
AREA CALCULATION FOR FIRST FLOOR (TOWER-D)				
S.NO.	LENGTH	WIDTH	NOS.	AREA(SQ.M.)
A	1/2X7.935	2.758	1	10.94
B	6.288	7.935	1	49.89
C	1/2X20.330	7.516	1	76.40
D	20.330+19.753 / 2	10.470 + 10.454 / 2	1	209.67
E	18.753+18.616 / 2	2.440	1	45.59
F	9.560+9.215 / 2	6.067	1	56.95
G	3.14/4X9.215	8.711	1	63.01
H	9.057	14.778	1	133.84
J	1.000+1.015 / 2	2.440+2.612 / 2	1	2.54
K	7.847	2.612	1	20.50
L	3.460	1.605	1	5.55
TOTAL FLOOR AREA (1) =				674.88
CUTOUT AREA				
C1	2.600	2.500	1	6.50
C2	3.00	1.250	1	3.75
S1	3.867	2.500	1	9.67
TOTAL FAR AREA (1) - C1+C2+S1 = 654.96 SQMT				



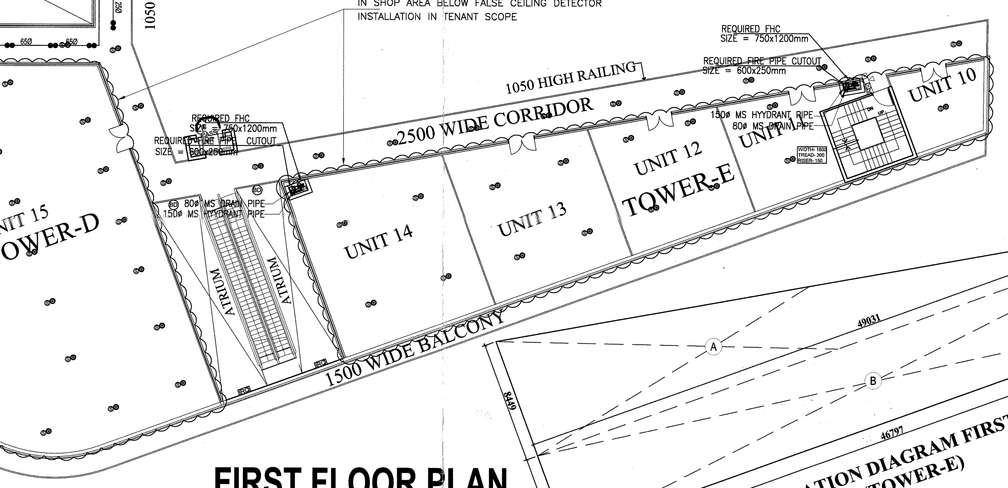
AREA CALCULATION FOR FIRST FLOOR (TOWER-C)				
S.NO.	LENGTH	WIDTH	NOS.	AREA(SQ.M.)
A	11.600	4.825	1	55.97
B	11.510	5.560	1	63.99
C	1/2X1.072	5.560	1	2.98
D	29.491	26.500	1	781.50
E	15.670	12.420	1	194.62
F	1/2X3.115	44.588	1	69.44
G	2/3X1.921	44.697	1	57.847
TOTAL AREA (1) =				1226.347
H	13.821	12.420	1	171.66
J	1.655	5.339	1	8.84
K	2.528	0.843	1	2.13
L	25.308	27.730	1	701.79
M	1/2X5.643	26.887	1	75.86
N	2/3X0.722	27.473	1	13.21
P	16.262	0.23	1	3.74
Q	2.730	7.705	1	21.03
TOTAL F.A.R AREA ON FLOOR =				998.26
CUTOUT AREA				
C1	2.600	2.500	9	58.50
C2	2.500	2.500	2	12.50
C3	1.044	2.880	1	3.00
C4	1/2X0.557	2.880	1	0.80
C5	0.940	1.470	1	1.38
C6	0.640	2.500	2	3.20
C7	0.940	2.000	1	1.88
C8	0.940	1.700	1	1.60
C9	0.940	1.500	1	1.41
C10	0.940	2.070	1	1.94
C11	0.940	2.270	1	2.13
C12	2.70	0.600	1	1.62
TOTAL CUTOUT AREA (2)				89.96
TOTAL NON F.A.R. AREA = (1-2) = 1226.347- 89.96 = 1136.387 SQMT				



AREA CALCULATION DIAGRAM
GROUND FLOOR (TOWER-C)



GROUND FLOOR PLAN



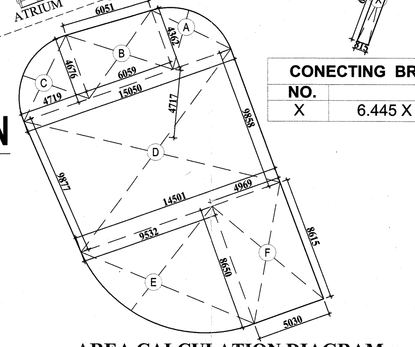
FIRST FLOOR PLAN

LEGEND:

S. No.	SYMBOL	DESCRIPTION
1.	●	PENDENT TYPE SPRINKLER
2.	◎	UP-RIGHT TYPE SPRINKLER
3.		EXTENDING THROW SIDE WALL SPRINKLER
4.	FHC	FIRE HOSE CABINET WITH DOUBLE LANDING VALVE
5.		FLOW SWITCH
6.	A	150Ø MS SPRINKLER PIPE FOR GROUND TO 10th A FLOOR
7.	B	110 OD uPVC WASTE PIPE FOR FLOOR DRAIN
8.	C	150Ø MS HYDRANT PIPE FOR BASEMENT TO 10th A FLOOR
9.	D	150Ø MS SPRINKLER PIPE FOR 11th TO TOP FLOOR
10.	E	150Ø MS HYDRANT PIPE FOR 11th TO TOP FLOOR
11.	F	80Ø MS SPRINKLER DRAIN PIPE FOR ALL FLOOR
12.	⊗	CO2 FIRE EXTINGUISHER 4.5 Kg CAP ISI MARKED
13.	○	WATER CO2 FIRE EXTINGUISHER 9LTR CAP ISI MARKED

LEGEND:--

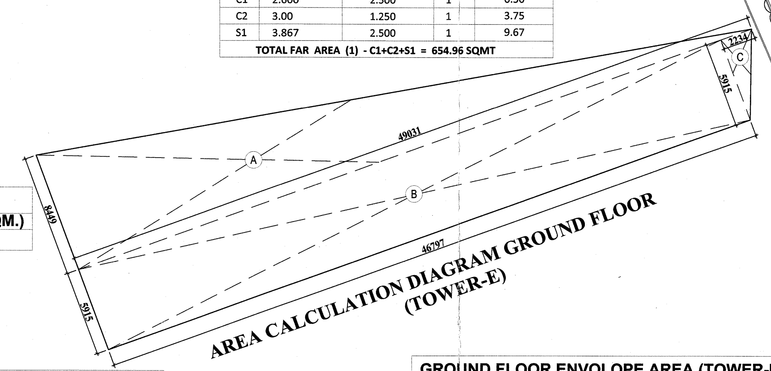
S.NO	SYMBOL	DESCRIPTION
1		HEAT DZTECTOR
2		SMOKE DETECTOR ABOVE FALSE CEILING
3		SMOKE DETECTOR BELOW FALSE CEILING
4		BEAM DETECTOR
5		RECEIVER FOR BEAM DETECTOR
6		SPEAKER
7		MANUAL CALL POINT
8		HOOTER CUM STROBE
9		CONTROL MODULE
10		TELEPHONE JACK
11		MONITOR MOGULE FOR FHC
12		MONITOR MODULE FOR AHU



AREA CALCULATION DIAGRAM
GROUND FLOOR (TOWER-D)

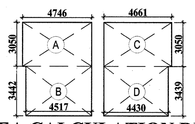
CONECTING BRIDGE AREA (TOWER-B&C)		
NO.		AREA (SQM.)
X	6.445 X 0.815	5.252

AREA CALCULATION FOR GROUND FLOOR (TOWER-D)				
S.NO.	LENGTH	WIDTH	NOS.	AREA(SQ.M.)
A	3.14/4X4.272	4.362	1	14.63
B	6.051+6.059 / 2	4.676 + 4.362 / 2	1	27.36
C	3.14/4X4.719	4.676	1	17.32
D	15.050+14.501 / 2	9.877 + 9.858 / 2	1	145.80
E	3.14/4X9.532	8.650	1	64.72
F	4.969+5.030 / 2	8.650 + 8.615 / 2	1	43.16
TOTAL FLOOR AREA (1) =				313.03



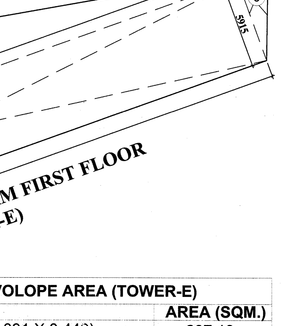
AREA CALCULATION DIAGRAM GROUND FLOOR
(TOWER-E)

GROUND FLOOR ENVOLOPE AREA (TOWER-E)		
NO.		AREA (SQM.)
A	1/2(49.031 X 8.449)	207.13
B	46.797 X 5.915	276.80
C	1/2(2.234 X 5.915)	6.60
TOTAL		490.53



AREA CALCULATION DIAGRAM
GROUND FLOOR ATRIUM TOILET
(TOWER-A&B)

GROUND FLOOR ATRIUM TOILET AREA (TOWER-A&B)		
NO.		AREA (SQM.)
A	4.746 X 3.050	14.47
B	4.517 X 3.442	15.54
C	4.661 X 3.050	14.22
D	4.430 X 3.439	15.23
TOTAL		59.46



AREA CALCULATION DIAGRAM FIRST FLOOR
(TOWER-E)

FIRST FLOOR ENVOLOPE AREA (TOWER-E)		
NO.		AREA (SQM.)
A	1/2(49.031 X 8.449)	207.13
B	46.797 X 5.915	276.80
C	1/2(2.234 X 5.915)	6.60
TOTAL		490.53

FIRE SUBMISSION

Project for

ADDITIONS & ALTERATIONS PLAN OF ADVANT I.T. PARK
AT PLOT -7 SECTOR - 142,
EX-PRESS HIGH-WAY
NOIDA-201301 (U.P.)

DRAWING TITLE

FLOOR PLANS & AREA DETAIL

DWG.NO.

06

Note -

01 - Lifts shall be eight passengers elevators with automatic doors.

02 - Both elevators shall be provided with fireman switch for emergency purposes.

SCALE

1 : 200

NORTH
W E
S

For ADVANT IT PARK PVT. LTD.

Director

Director sign.

NISHIT GUPTA
ARCHITECT
LIC. No:- CA/ 1/13697

Architect's sign.

DESIGN FORUM OF ARCHITECTS