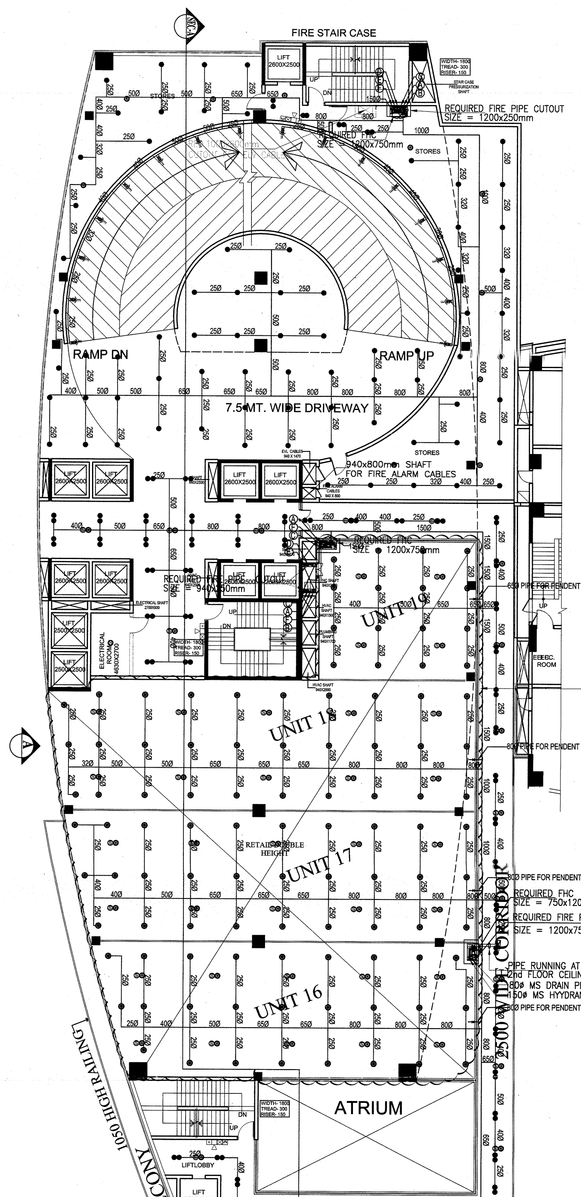
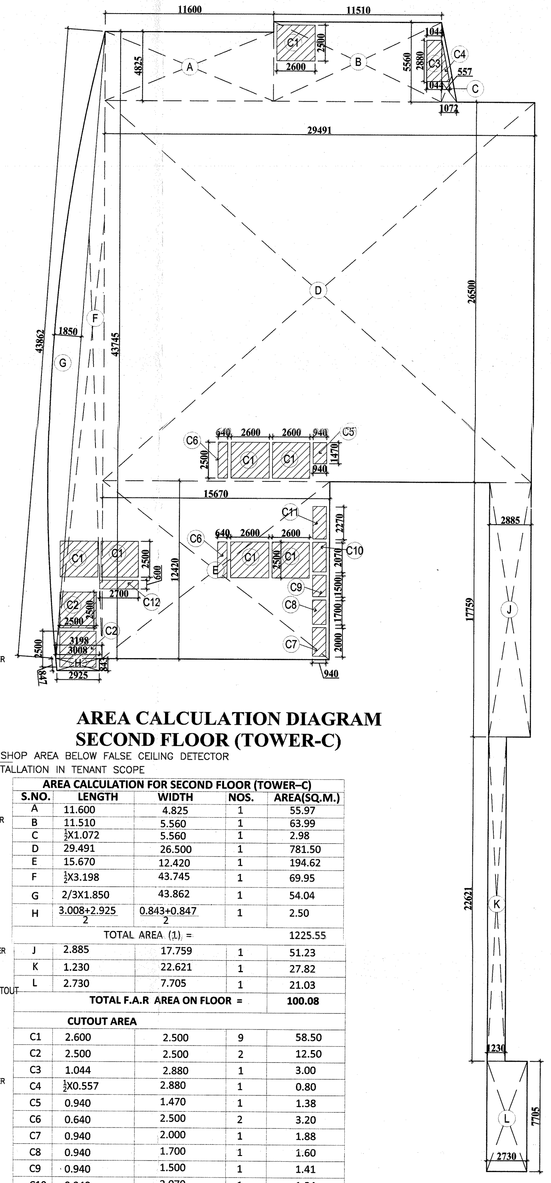


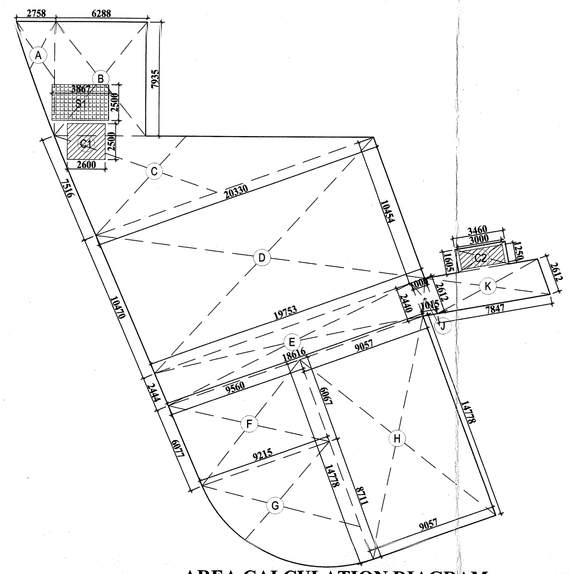


AREA CALCULATION DIAGRAM SECOND FLOOR (TOWER-C)

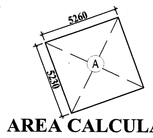
IN SHOP AREA BELOW FALSE CEILING DETECTOR INSTALLATION IN TENANT SCOPE

AREA CALCULATION FOR SECOND 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	]X1.072	5.560	1	2.98
D	29.491	26.500	1	781.50
E	15.670	12.420	1	194.62
F	]X3.198	43.745	1	69.95
G	2/3X1.850	43.862	1	54.04
H	3.006+2.925 / 2	0.843+0.847 / 2	1	2.50
TOTAL AREA (1) =				1225.55
J	2.885	17.759	1	51.23
K	1.230	22.621	1	27.82
L	2.730	7.705	1	21.03
TOTAL F.A.R AREA ON FLOOR =				100.08
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	]X0.557	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) = 1225.55- 89.96 = 1135.59 SQMT				

AREA CALCULATION FOR SECOND FLOOR (TOWER–D)				
S.NO.	LENGTH	WIDTH	NOS.	AREA(SQ.M.)
A	]X7.935	2.758	1	10.94
B	6.288	7.935	1	49.89
C	]X20.330	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				

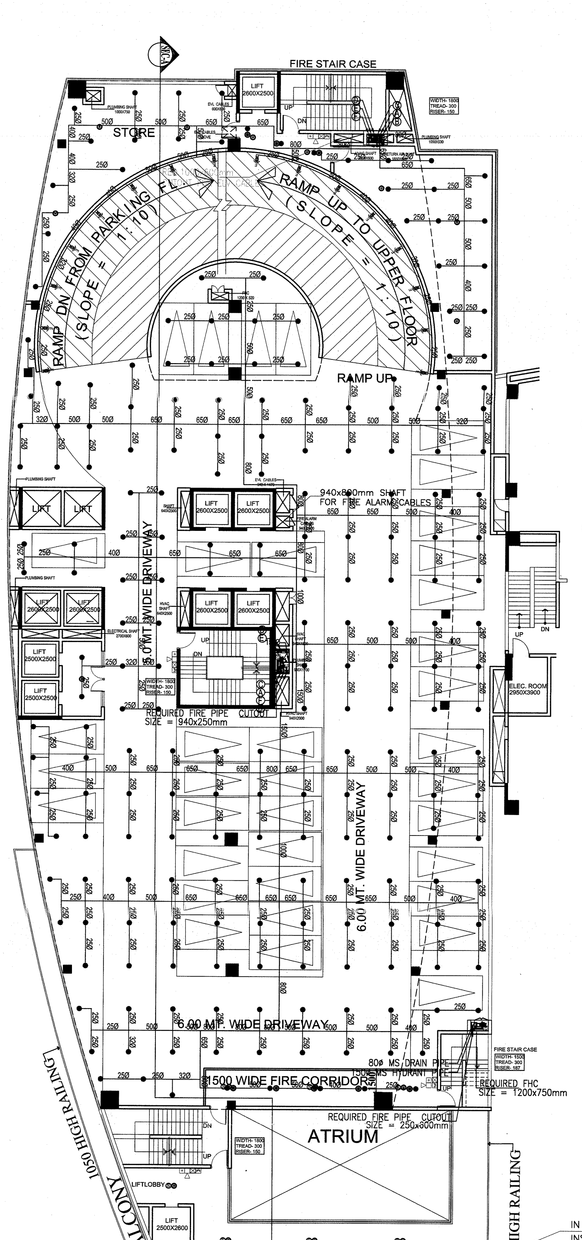


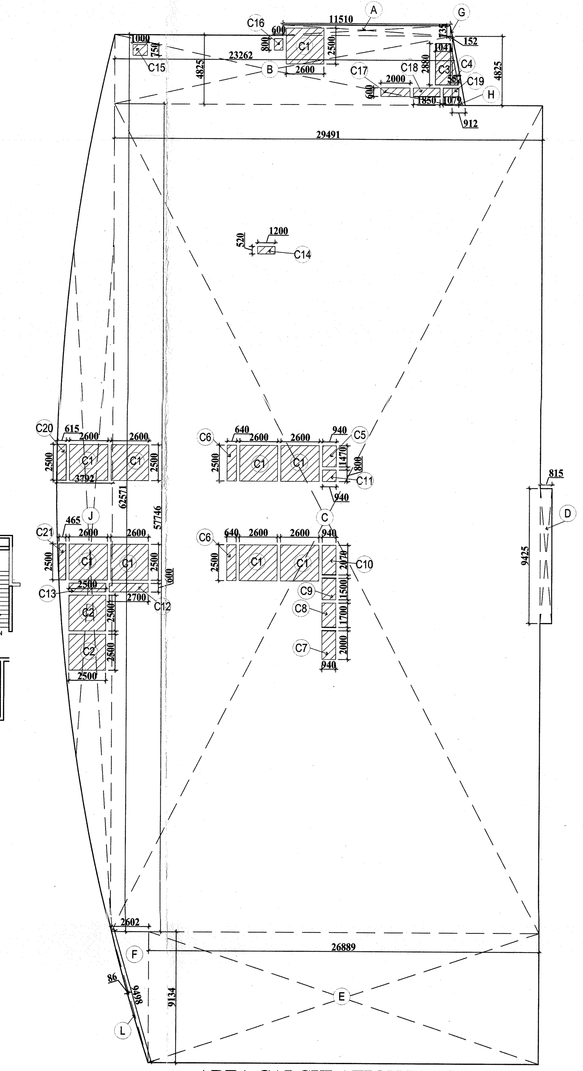
AREA CALCULATION DIAGRAM SECOND FLOOR (TOWER-D)



AREA CALCULATION DIAGRAM MUMTY (TOWER-E)

MUMTY AREA (TOWER-E)		
NO.		AREA (SQM.)
A	5.260 X 5.23	27.51

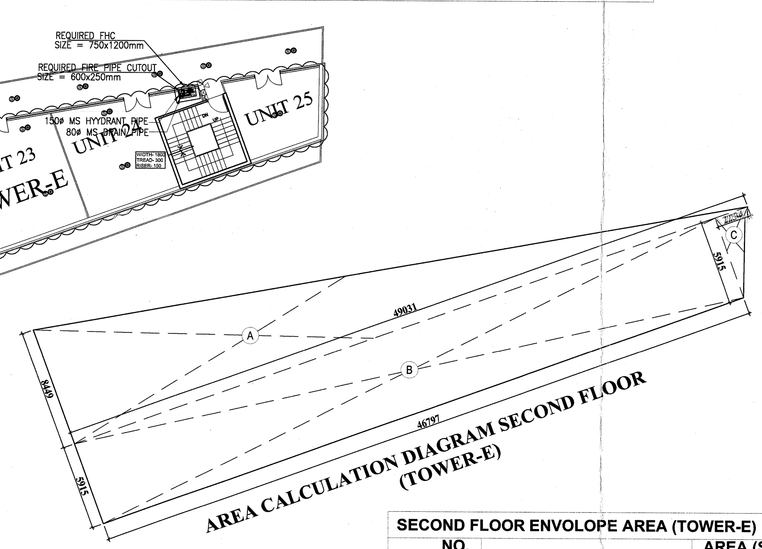




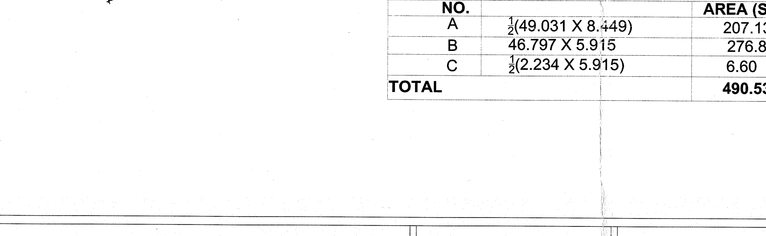
AREA CALCULATION DIAGRAM 3RD FLOOR (TOWER-C)

AREA CALCULATION FOR 3RD FLOOR (TOWER–E)				
S.NO.	LENGTH	WIDTH	NOS.	AREA(SQ.M.)
A	11.510	0.735	1	8.46
B	23.262	4.825	1	112.23
C	29.491	57.746	1	1702.98
D	0.815	9.425	1	7.68
E	26.889	9.134	1	245.61
F	1/2X2.602	9.134	1	11.88
G	1/2X0.152	0.735	1	0.05
H	1/2X0.912	4.825	1	2.20
J	2/3X3.792	62.571	1	158.17
K	2/3X0.086	9.498	1	0.54
TOTAL FLOOR AREA (1) =				2249.80
CUTOUT AREA				
C1	2.600	2.500	9	58.50
C2	2.500	2.500	2	12.50
C3	1.041	2.880	1	3.00
C4	]X0.557	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	0.800	1	0.75
C12	2.70	0.600	1	1.62
C13	2.50	0.600	1	1.50
C14	1.200	0.520	1	0.62
C15	1.000	0.750	1	0.75
C16	0.600	0.800	1	0.48
C17	2.00	0.600	1	1.20
C18	1.850	0.600	1	1.11
C19	1.079	0.600	1	0.64
C20	0.615	2.500	1	1.54
C21	0.465	2.500	1	1.16
TOTAL CUTOUT AREA (2)				97.58
TOTAL NON F.A.R. AREA = (1-2) = 2249.80 - 97.58 = 2152.22 SQMT				

IN SHOP AREA BELOW FALSE CEILING DETECTOR INSTALLATION IN TENANT SCOPE



SECOND FLOOR PLAN



AREA CALCULATION DIAGRAM SECOND FLOOR (TOWER-E)

SECOND 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

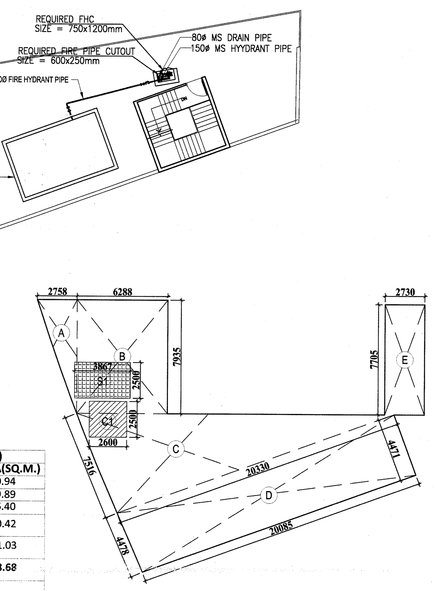
LEGEND:-

S.NO.	SYMBOL	DESCRIPTION
1.		HEAT DETECTOR
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 MODULE FOR FHC
12.		MONITOR MODULE FOR AHU

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

FIRE SUBMISSION



AREA CALCULATION DIAGRAM THIRD FLOOR (TOWER-D)

AREA CALCULATION FOR THIRD FLOOR (TOWER–D)				
S.NO.	LENGTH	WIDTH	NOS.	AREA(SQ.M.)
A	]X7.935	2.758	1	10.94
B	6.288	7.935	1	49.89
C	]X20.330	7.516	1	76.40
D	20.330+20.085 / 2	4.471 + 4.478 / 2	1	90.42
E	2.730	7.705	1	21.03
TOTAL FLOOR AREA (1) =				248.68
CUTOUT AREA				
C1	2.600	2.500	1	6.50
S1	3.867	2.500	1	9.67
TOTAL FAR AREA (1) - C1+S1 = 232.51SQMT				

THIRD FLOOR PLAN

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. 07

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

For ADVANT IT PARK PVT. LTD.

Director

Director sign.

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

Architect's sign.

DESIGN FORUM OF ARCHITECTS