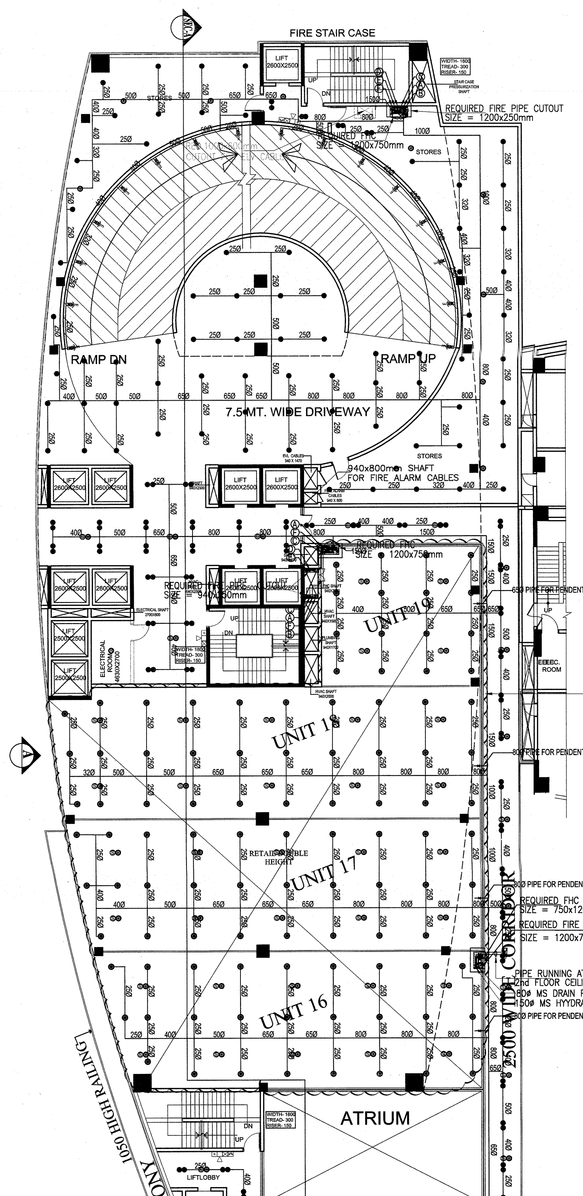
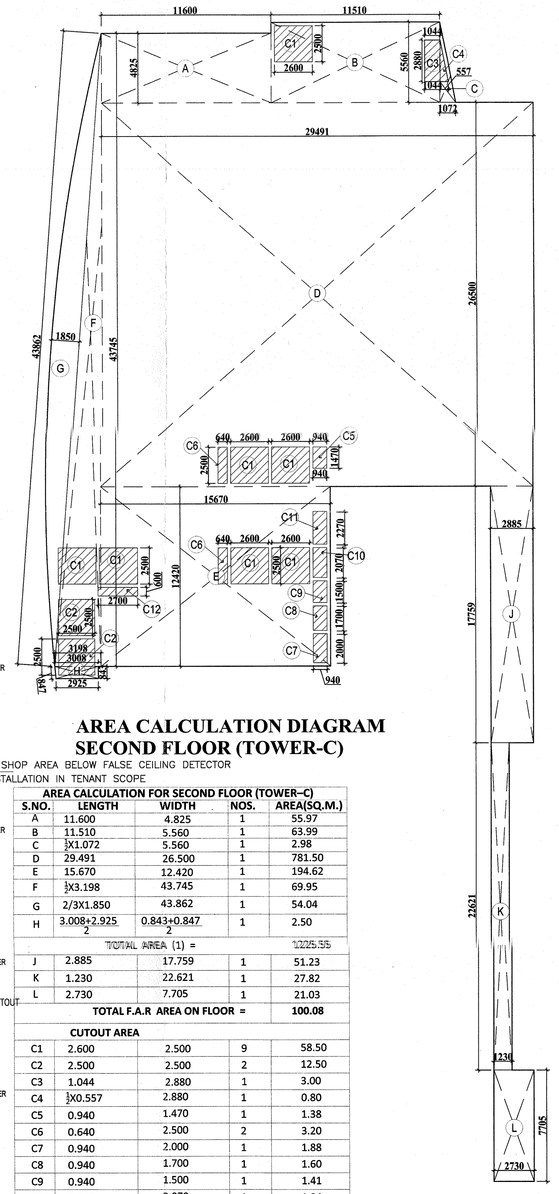


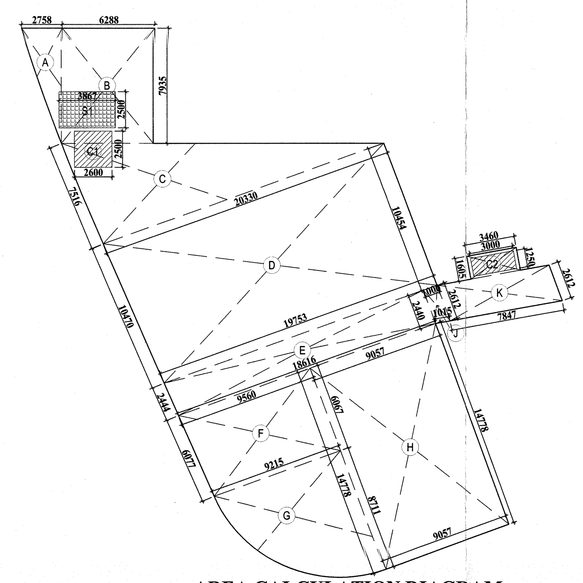


AREA CALCULATION DIAGRAM SECOND FLOOR (TOWER-C)

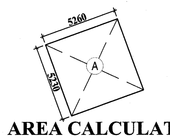
IN SHOP AREA BELOW FALSE CEILING DETECTOR INSTALLATION IN TENANT SCOPE

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	3.008+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	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				

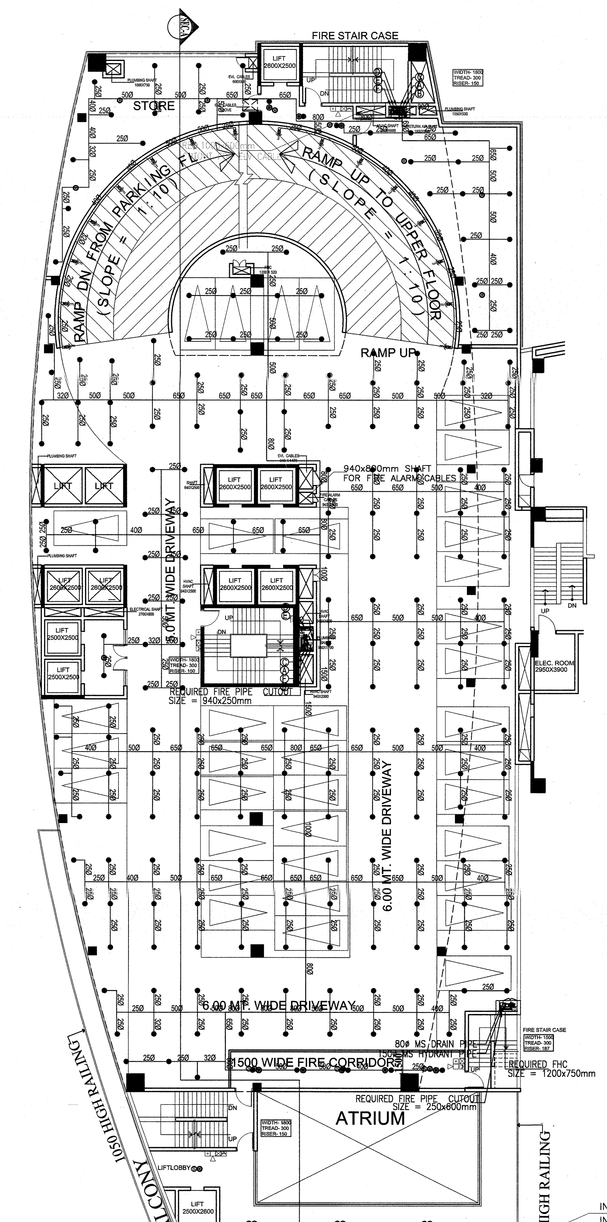


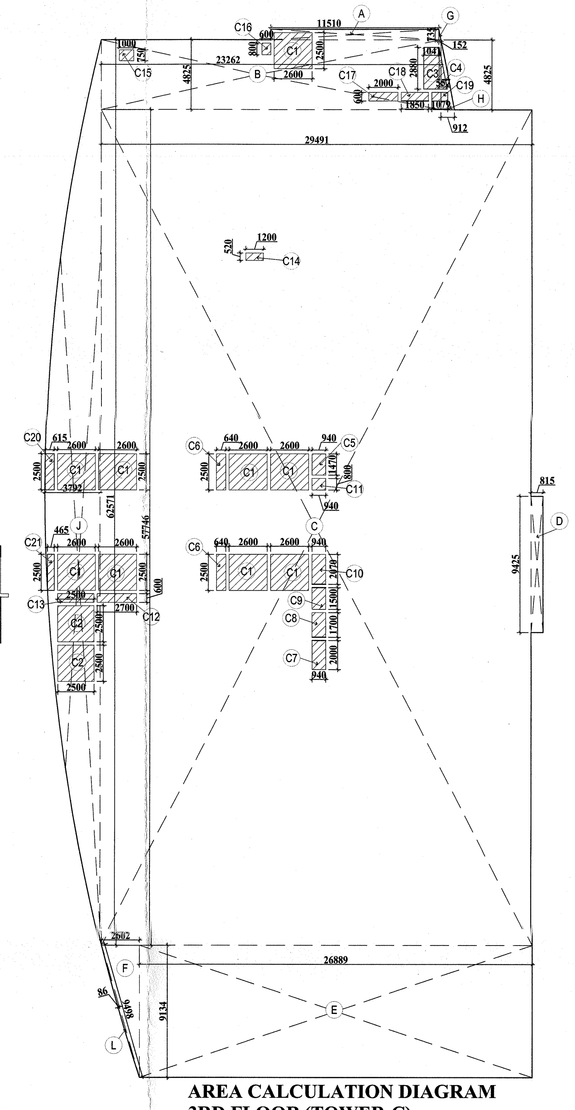
AREA CALCULATION DIAGRAM SECOND FLOOR (TOWER-D)



AREA CALCULATION DIAGRAM MUMTY (TOWER-E)

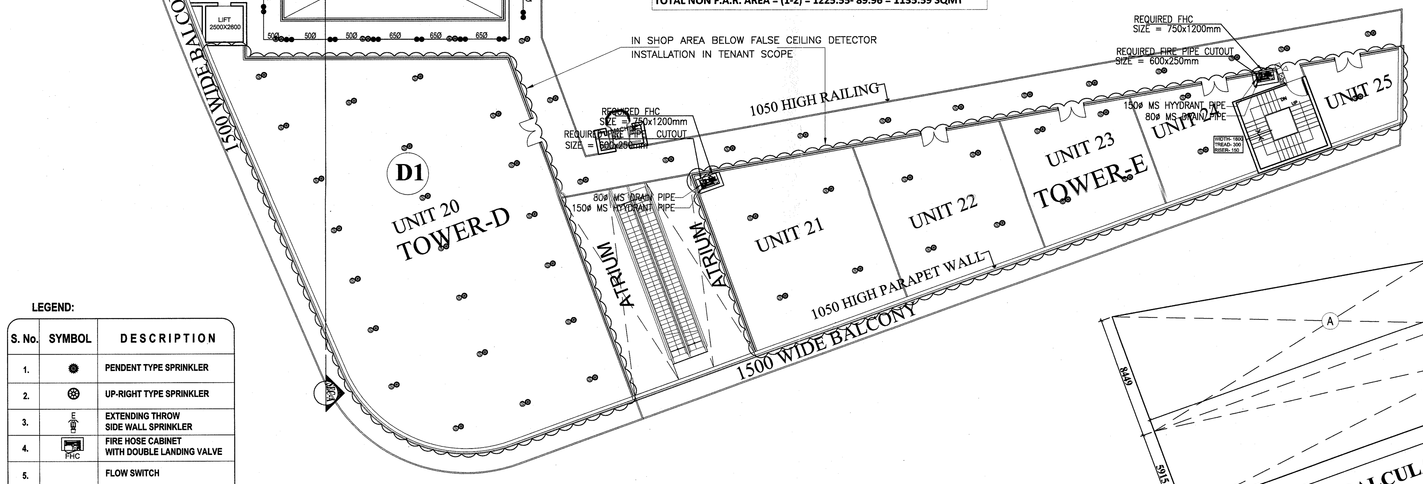
MUMTY AREA (TOWER-E)		
NO.		AREA (SQM.)
A	5.260 X 5.23	27.51



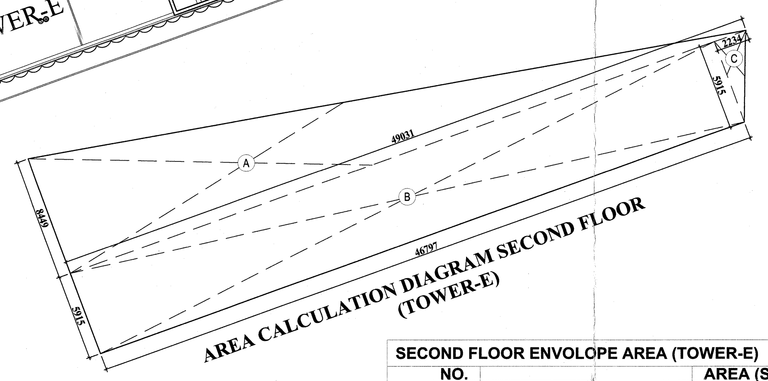


AREA CALCULATION DIAGRAM 3RD FLOOR (TOWER-C)

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				

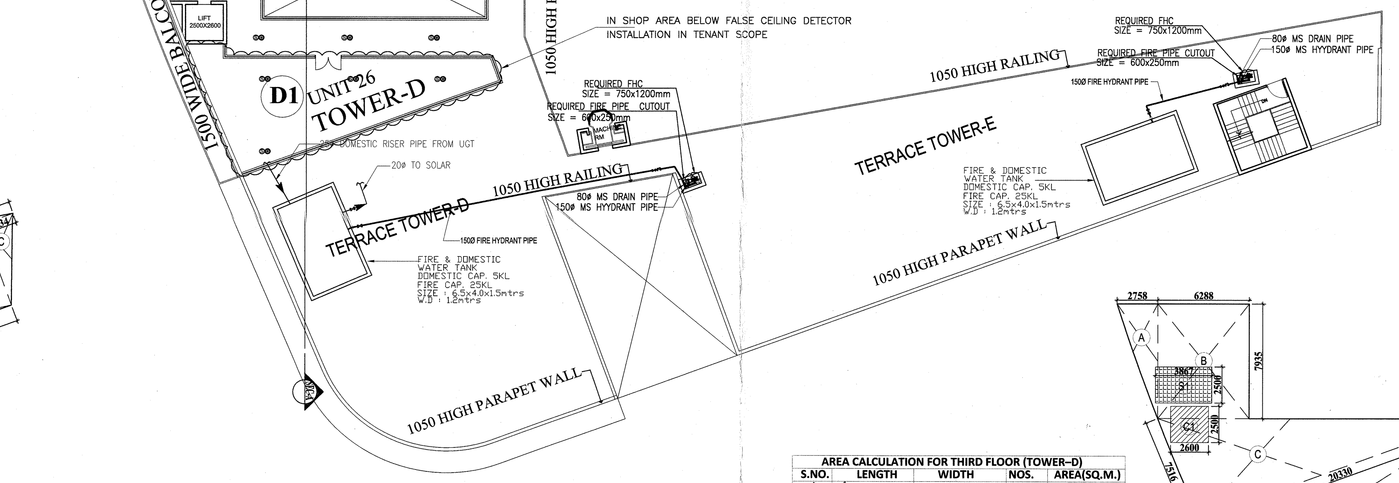


SECOND FLOOR PLAN



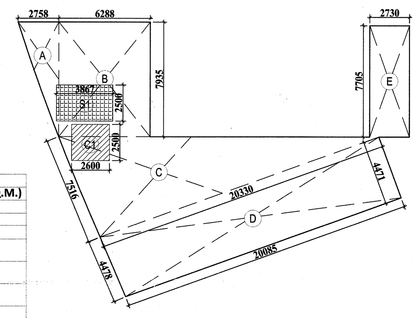
AREA CALCULATION DIAGRAM SECOND FLOOR (TOWER-E)

SECOND FLOOR ENVOLOPE AREA (TOWER-E)		
NO.		AREA (SQM.)
A	½(49.031 X 8.449)	207.13
B	46.797 X 5.915	276.80
C	½(2.234 X 5.915)	6.60
TOTAL		490.53



THIRD FLOOR PLAN

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				



AREA CALCULATION DIAGRAM THIRD FLOOR (TOWER-D)

LEGEND:

S. No.	SYMBOL	DESCRIPTION
1.	●	PENDENT TYPE SPRINKLER
2.	◎	UP-RIGHT TYPE SPRINKLER
3.	EC SR	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	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 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

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. 07

SCALE 1 : 200

Note –

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

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

NORTH W E S

For ADVANT IT PARK PVT. LTD. Director

Director sign.

Architect's sign.

NISHIT GUPTA
ARCHITECT
LIC. No:- CA/91/13697

DESIGN FORUM OF ARCHITECTS