NO OF CAR PARKING PROVIDED IN 2ND BASEMENT - 378 NO'S (FOR RESIDENTIAL)
STACK PARKING PROPOSED IN 2ND BASEMENT =378X2 = 756

NO OF CAR BAYS PROPOSED (B1+B2)= 371+378 = 749
NO OF CARS(STACK PARKING) IN B1+ B2 = 742+756
= 1498 NO.S

BASEMENT - 02		
AREA	NO OF PARKING BAYS	STACK PARKING
RESIDENTIAL	378	756
	378	756

6.0 MT WIDE ZONING LINE

7 KARAM WIDE REVENUE RASTA

03 STAIRCASE AND LIFT DETAIL -ST-01

04 STAIRCASE AND LIFT DETAIL -ST-02

BASEMENT 2 AREA						
S.NO.	WIDTH (mm)		HEIGHT (mm)	NO.s	FORMULA	AREA (SQ M)
1	48245	X	52160	1	LXB	2516.459
2	45090	X	94715	1	LXB	4270.699
3	146305	X	95215	1	LXB	13930.431
4	1835	X	2435	1	LXB)/2	2.234
5	1635	X	92775	1	LXB	170.242
TOTAL (X2)						20890.065

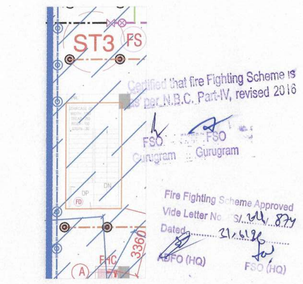
DEDUCTION AREA DETAIL BASEMENT 2						
S.NO.	WIDTH (mm)		HEIGHT (mm)	NO.s	FORMULA	AREA (SQ M)
C1	4550	X	6500	1	LXB	29.575
C2	37500	X	10770	1	LXB	403.875
C3	4850	X	6500	1	LXB	31.525
C4	4200	X	4850	4	LXB	81.480
C4A	1400	X	650	4	LXB	3.640
C5	11850	X	7500	1	LXB	88.875
C6	4850	X	4055	11	LXB	216.334
C7	11740	X	4135	6	LXB	291.269
C8	10750	X	5135	3	LXB	165.604
C9	5145	X	6250	3	LXB	96.469
C10	19475	X	7660	1	LXB	149.179
C11	16970	X	14370	1	LXB	243.859
C11A	2730	X	4830	1	LXB	13.186
C12	20270	X	9955	1	LXB	201.788
C13	AS PER SIZE			1		93.128
C14	7660	X	900	1	LXB	6.894
C15	4850	X	3955	1	LXB	19.182
C16	9900	X	10340	1	LXB	102.396
C17	8835	X	2435	1	LXB	21.513
C18	10670	X	15505	1	LXB	165.438
C19	1835	X	2435	1	LXB)/2	2.234
C20	2950	X	5700	1	LXB	8.408
TOTAL (X3)						2435.820

TOTAL AREA FOR ECS BASEMENT 2	
BASEMENT 2 AREA (X2)	20890.065
DEDUCTION AREA BASEMENT-2 (X4)	2435.820
TOTAL BASEMENT AREA FOR ECS (E2) IS (X2-X4)	18454.245
E/C	922.712256
TOTAL BASEMENT 1 & 2 AREA FOR ECS (E) IS (E1+E2)	36908.490

DESCRIPTION	PROPOSED AREA	PROPOSED ECS	NO. OF PARKING	STACK PARKING
BASEMENT -01	18454.245	922.712	371	742
BASEMENT -02	18454.245	922.712	378	756
TOTAL PARKING	36908.490	1845.425	749	1498

PARKING REQUIRED FOR RESIDENTIAL				
TYPE OF UNIT	CARPET AREA	NO. OF FLATS	ECS REQD/UNIT	TOTAL ECS REQD
DWELLING UNIT TYPE- 3A (TOWER-1,4 ,5& 6)	159.994	124	1.5	186
DWELLING UNIT TYPE- 3B (TOWER-1,4 ,5& 6)	159.994	124	1.5	186
DWELLING UNIT TYPE- 4A (TOWER-2 &3)	189.875	152	1.5	228
DWELLING UNIT TYPE- 5A (TOWER-1,4 & 5)	290.385	3	1.5	4.5
DWELLING UNIT TYPE- 5B(TOWER-1,4 &5)	284.763	3	1.5	4.5
DWELLING UNIT TYPE- 6A (TOWER-2 &3)	347.940	4	1.5	6
TOTAL PARKING REQUIRED FOR RESIDENTIAL		410	=	615

PARKING REQUIRED FOR COMMERCIAL				
PERMISSIBLE FAR OF COMMERCIAL	=	4473.982	SQM	
REQUIRED 1 ECS @ 50 SQM OF CARPET AREA OF SHOPS	=	89.480	ECS	
SAY PROVIDED AT BASEMENT -1	=	90	ECS	
TOTAL PARKING REQUIRED FOR RESIDENTIAL & COMMERCIAL	=	615	+	90
	=	705		ECS
	say	705		ECS
RESERVED PARKING FOR EWS @ 5 % OF RESIDENTIAL PARKING AT BASEMENT -1	=	30.75		
	say	31		ECS
AREA REQUIRED FOR PARKING @BASEMENT (=ECSX20/2 SQ Mtr. For stack parking)	=	7050		SQ MTRS.
AREA PROPOSED FOR PARKING @BASEMENT-1	=	18454.245		SQ MTRS.
AREA PROPOSED FOR PARKING @BASEMENT-2	=	18454.245		SQ MTRS.
TOTAL AREA PROPOSED FOR PARKING (B1+B2)	=	36908.490		SQ MTRS.
AREA FOR 1 ECS @20 SQ Mtr.(=AREA/20 SQ Mtr. For stack parking)	=	1845.425		ECS
AREA PROPOSED FOR PARKING (B1+B2)	Say	1846		ECS



05 STAIRCASE AND LIFT DETAIL -ST-03

STACK CAR PARKING FOR RESIDENTIAL

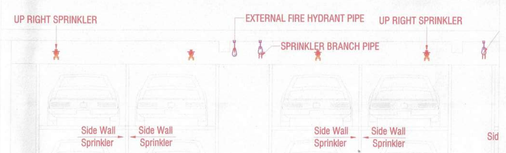
STACK CAR PARKING RESERVED FOR EWS

STACK CAR PARKING FOR COMMERCIAL

FIRE LEGEND:

SYMBOL	DESCRIPTION
A	150Ø M.S. LOW PRESSURE FIRE WET RISER PIPE FOR GROUND TO 11TH. FLOOR
A1	150Ø M.S. HIGH PRESSURE FIRE WET RISER PIPE FOR 12TH TO 23RD LEVEL
A2	150Ø M.S. HIGH PRESSURE FIRE WET RISER PIPE FOR 24TH TO 35TH LEVEL
A3	150Ø M.S. FIRE DOWN COMER PIPE FOR TERRACE TO 36TH. FLOOR
B	150Ø M.S. LOW PRESSURE SPRINKLER RISER PIPE FOR GROUND TO 11TH. FLOOR
B1	150Ø M.S. HIGH PRESSURE SPRINKLER RISER PIPE FOR 12TH TO 23RD LEVEL
B2	150Ø M.S. HIGH PRESSURE SPRINKLER RISER PIPE FOR 24TH TO 35TH LEVEL
B3	150Ø M.S. SPRINKLER DOWN COMER PIPE FOR TERRACE TO 36TH. FLOOR

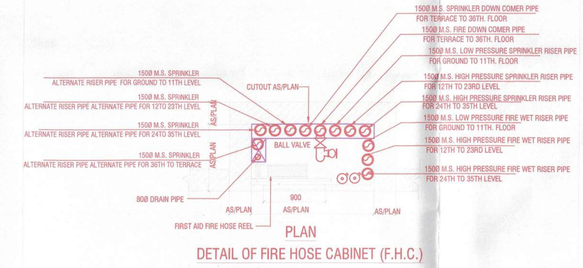
TYPICAL MULTI CAR PARKING SECTION



IMPORTANT NOTES:-
DISTANCE BETWEEN FHC TO FHC C / C = 45.0m
FHC IN BASEMENT-01 =40
FHC IN BASEMENT-02 =40

SPRINKLER	DIA
1,2	25Ø
3,	32Ø
4,5,	40Ø
5,10,	50Ø
11,18,	65Ø
19,40,	80Ø
41,100,	100Ø
100, ABOVE,	150Ø

HIGHLIGHTED ZONE (BIGGEST ZONE FOR WATER CURTAIN CALCULATION)
WATER CURTAIN NOZZLE=73.0 NOS
WATER CURTAIN PUMP=5500 LPM
TOTAL WATER CURTAIN LENGTH=141 M



PLAN
DETAIL OF FIRE HOSE CABINET (F.H.C.)

IMPORTANT NOTES:-
1):- DISTANCE BETWEEN FHC TO FHC C / C = 45.0m
2):- DISTANCE BETWEEN YARD HYDRANT C / C = 45.0m
3):- DISTANCE BETWEEN SPR TO SPR C / C = 2.9 m
4):- DISTANCE BETWEEN SMOKE DETECTOR C / C = 7.5 m
5):- DISTANCE BETWEEN MULTI CRITERIA DETECTOR C / C = 6.0 m

NOTE - ICV FOR TOWER

S.NO.	DESCRIPTION
ICV-01	INSTALLATION CONTROL VALVE FOR LOW ZONE FOR TOWER-1
ICV-02	INSTALLATION CONTROL VALVE FOR MID ZONE FOR TOWER-1
ICV-03	INSTALLATION CONTROL VALVE FOR HIGH ZONE FOR TOWER-1
ICV-04	INSTALLATION CONTROL VALVE FOR LOW ZONE FOR TOWER-2
ICV-05	INSTALLATION CONTROL VALVE FOR MID ZONE FOR TOWER-2
ICV-06	INSTALLATION CONTROL VALVE FOR HIGH ZONE FOR TOWER-2
ICV-07	INSTALLATION CONTROL VALVE FOR LOW ZONE FOR TOWER-3
ICV-08	INSTALLATION CONTROL VALVE FOR MID ZONE FOR TOWER-3
ICV-09	INSTALLATION CONTROL VALVE FOR HIGH ZONE FOR TOWER-3
ICV-10	INSTALLATION CONTROL VALVE FOR LOW ZONE FOR TOWER-4
ICV-11	INSTALLATION CONTROL VALVE FOR MID ZONE FOR TOWER-4
ICV-12	INSTALLATION CONTROL VALVE FOR HIGH ZONE FOR TOWER-4
ICV-13	INSTALLATION CONTROL VALVE FOR LOW ZONE FOR TOWER-5
ICV-14	INSTALLATION CONTROL VALVE FOR MID ZONE FOR TOWER-5
ICV-15	INSTALLATION CONTROL VALVE FOR HIGH ZONE FOR TOWER-5
ICV-16	INSTALLATION CONTROL VALVE FOR LOW ZONE FOR TOWER-6
ICV-17	INSTALLATION CONTROL VALVE FOR HIGH ZONE FOR TOWER-A6

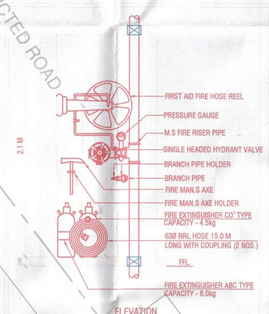
NOTE - ICV'S TABLE FOR BASEMENT 1,2

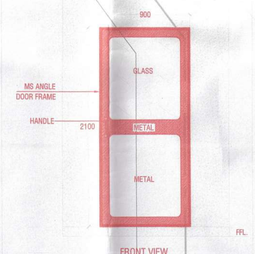
S.NO.	DESCRIPTION
ICV-18	INSTALLATION CONTROL VALVE FOR ZONE-01 IN TOWER 5
ICV-19	INSTALLATION CONTROL VALVE FOR ZONE-02 IN TOWER 5
ICV-20	INSTALLATION CONTROL VALVE FOR ZONE-03 IN TOWER 5
ICV-21	INSTALLATION CONTROL VALVE FOR ZONE-04 IN TOWER 6
ICV-22	INSTALLATION CONTROL VALVE FOR ZONE-05 IN TOWER 6
ICV-23	INSTALLATION CONTROL VALVE FOR ZONE-06 IN TOWER 4
ICV-24	INSTALLATION CONTROL VALVE FOR ZONE-07 IN TOWER 3
ICV-25	INSTALLATION CONTROL VALVE FOR ZONE-08 IN TOWER 2

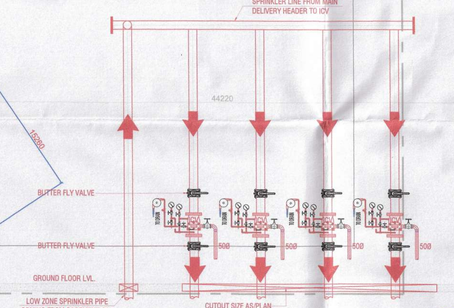
DOOR/WINDOW SCHEDULE

S. No.	TYPE	WIDTH (MM)	CILL LVL (MM)	LINTEL LVL (MM)	HEIGHT (MM)	REMARK
1	D1	1800	±0.0	+2400	2400	1 HR FIRE RATED
2	D2	1200	±0.0	+2400	2400	2 HR FIRE RATED
3	D4	900	±0.0	+2400	2400	
4	D5	750	±0.0	+2400	2400	
5	D6	2100	±0.0	+2400	2400	
6	FD1	1200	±0.0	+2100	2100	2 HR FIRE RATED
7	FD2	900	±0.0	+2100	2100	2 HR FIRE RATED
8	FD3	1200	±0.0	+2100	2100	2 HR FIRE RATED
9	W1	1100	+300	+2400	1500	
10	W2	600	+300	+2400	1500	
11	W3	1500	+300	+2400	1500	
12	W4	1500				AS/ELEVATION
13	W5	1000				AS/ELEVATION

NOTE :- LINTEL LEVEL OF 1.5m , SERVICE FLOOR WILL BE 2400mm
D1,D2,D3 FOR TYPE, FIRE RATED & FD1,FD2 & FD3 ARE 2 HRS. FIRE RATED







ICV INSTALLATION DETAIL-"A"

PROJECT TITLE

REVISED BUILDING PLANS FOR MIXED LAND USE COLONY (95% RESIDENTIAL COMPONENT & 5% COMMERCIAL COMPONENT) UNDER TRANSIT ORIENTED DEVELOPMENT POLICY (TOD)FOR THE AREA MEASURING 8.34375 ACRES (LICENSE NO. 127 OF 2023 DATED 16/06/2023) IN SECTOR-84, GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY GANGA GLOBAL HOMES PVT.LTD.

LC - 4946

OWNERS' SIGNATURE

6.

ARCHITECTS' SIGNATURE

Avanika Parashir
CA/2018/91670

DRAWING TITLE

BASEMENT-2 PLAN WITH AREA DIAGRAM
FIRE LAYOUT

ARCHITECT	NORTH
GANGA REALTY - DESIGN TEAM	
GANGA REALTY Vatika Tower, Golf Course Road Gurugram, Haryana	
DATE JULY , 2025	
SCALE NTS	
DEALT SV	
CHECKED DA	S-104b

01 BASEMENT -2 PLAN (LVL -9300 MM)

SECOND BASEMENT PLAN

ZONE -01 TOTAL AREA = 2318 SQMT
ZONE -02 TOTAL AREA = 2155 SQMT
ZONE -03 TOTAL AREA = 2390 SQMT
ZONE -04 TOTAL AREA = 2052 SQMT
ZONE -5 TOTAL AREA = 2220 SQMT
ZONE -6 TOTAL AREA = 2631 SQMT
ZONE -07 TOTAL AREA = 2233 SQMT
ZONE -08 TOTAL AREA = 2503 SQMT

24.0 M WIDE CONSTRUCTED ROAD

6.0 MT WIDE ZONING LINE

193195

94715

92775