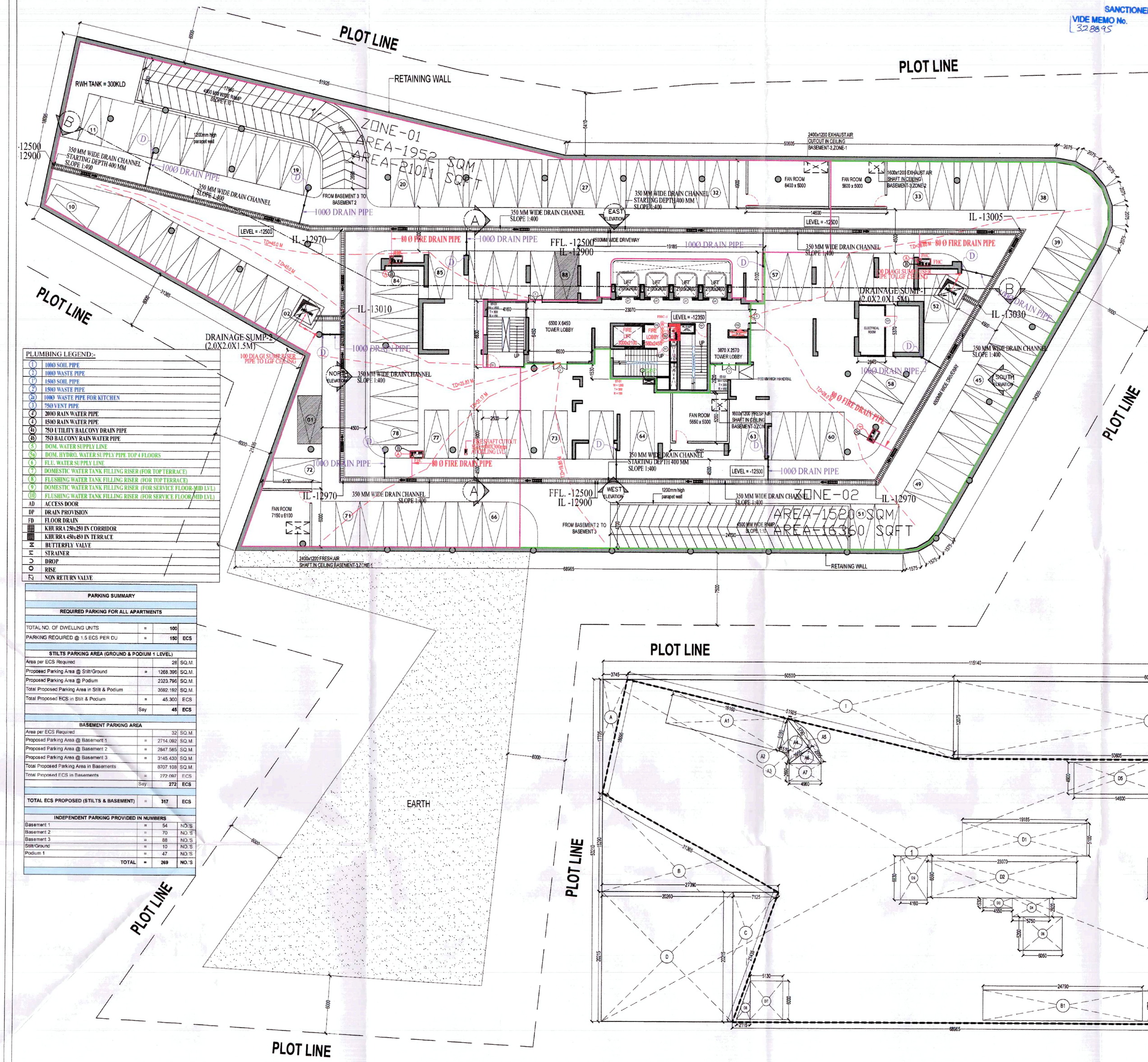
SANCTIONED
VIDE MEMO No. 328895 DATED 5-12-2024

DTP (HQ) Member Secretary BPAC | STP (HQ) Member BPAC | CTP Chairman BPAC

Checked and found ok for Public Health (Internal) Service only subject to in In forwarding letter No. 8835

Superintending E O/o Chief Engineer HSVP, Panchkula

Suraj Bhan J.D.



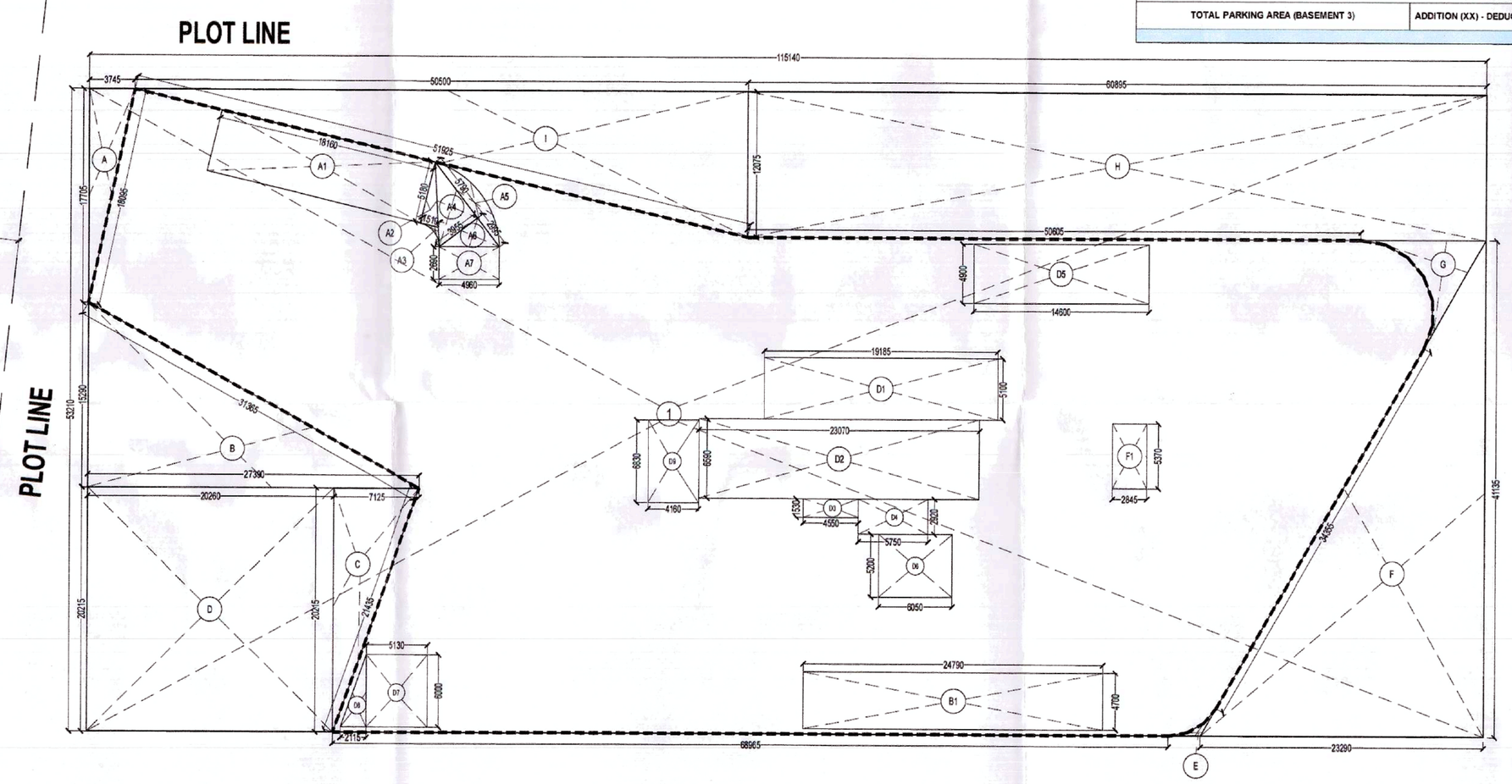
01 BASEMENT 3 PLAN
Scale:1:200

PLUMBING LEGEND:-	
1	100Ø SOIL PIPE
2	100Ø WASTE PIPE
3	150Ø SOIL PIPE
4	150Ø WASTE PIPE
4a	100Ø WASTE PIPE FOR KITCHEN
5	75Ø VENT PIPE
6	200Ø RAIN WATER PIPE
7	150Ø RAIN WATER PIPE
8a	75Ø UTILITY BALCONY DRAIN PIPE
8b	75Ø BALCONY RAIN WATER PIPE
9	DOM. WATER SUPPLY LINE
9a	DOM. HYDRO. WATER SUPPLY PIPE TO F 4 FLOORS
10	F.L.U. WATER SUPPLY LINE
11	DOMESTIC WATER TANK FILLING RISER (FOR TOP TERRACE)
12	FLUSHING WATER TANK FILLING RISER (FOR TOP TERRACE)
13	DOMESTIC WATER TANK FILLING RISER (FOR SERVICE FLOOR MID LVL)
14	FLUSHING WATER TANK FILLING RISER (FOR SERVICE FLOOR MID LVL)
AD	ACCESS DOOR
DP	DRAIN PROVISION
FD	FLOOR DRAIN
	KHURRA 250x250 IN CORRIDOR
	KHURRA 450x450 IN TERRACE
	BUTTERFLY VALVE
	STRAINER
	DROP
	RISE
	NON RETURN VALVE

PARKING SUMMARY			
REQUIRED PARKING FOR ALL APARTMENTS			
TOTAL NO. OF DWELLING UNITS	=	100	
PARKING REQUIRED @ 1.5 ECS PER DU	=	150	ECS
STILTS PARKING AREA (GROUND & PODIUM 1 LEVEL)			
Area per ECS Required		28	SQ.M.
Proposed Parking Area @ Stilt/Ground	=	1268.396	SQ.M.
Proposed Parking Area @ Podium		2323.796	SQ.M.
Total Proposed Parking Area in Stilt & Podium		3592.192	SQ.M.
Total Proposed ECS in Stilt & Podium	=	45.300	ECS
	Say	45	ECS
BASEMENT PARKING AREA			
Area per ECS Required		32	SQ.M.
Proposed Parking Area @ Basement 1	=	2714.092	SQ.M.
Proposed Parking Area @ Basement 2	=	2847.585	SQ.M.
Proposed Parking Area @ Basement 3	=	3145.430	SQ.M.
Total Proposed Parking Area in Basements		8707.108	SQ.M.
Total Proposed ECS in Basements	=	272.097	ECS
	Say	272	ECS
TOTAL ECS PROPOSED (STILTS & BASEMENT)	=	317	ECS
INDEPENDENT PARKING PROVIDED IN NUMBERS			
Basement 1	=	54	NO.'S
Basement 2	=	70	NO.'S
Basement 3	=	88	NO.'S
Stilt/Ground	=	10	NO.'S
Podium 1	=	47	NO.'S
TOTAL	=	269	NO.'S

BASEMENT 3 AREA								
1. ADDITION – XX								
NAME	SHAPE	LENGTH (L)	WIDTH (B)	HEIGHT (H)	FORMULA	AREA	QUANTITY	TOTAL AREA (Sq.Mts.)
1	Rectangle	115.140	53.210	-	L X B	6126.599	1	6126.599
						1. TOTAL ADDITION		6126.599
1. DEDUCTION – YY								
NAME	SHAPE	LENGTH (L)	WIDTH (B)	HEIGHT (H)	FORMULA	AREA	QUANTITY	TOTAL AREA (Sq.Mts.)
A	Triangle	-	3.745	17.705	(L x B)/2)	33.153	1	33.153
B	Triangle	-	15.290	27.390	(L x B)/2)	209.397	1	209.397
C	Triangle	-	7.125	20.215	(L x B)/2)	72.016	1	72.016
D	Rectangle	20.280	20.215	-	L X B	409.556	1	409.556
E	PLine	-	-	-	-	1.338	1	1.338
F	Triangle	-	23.290	41.135	(L x B)/2)	479.017	1	479.017
G	PLine	-	-	-	-	24.955	1	24.955
H	Rectangle	60.895	12.075	-	L X B	735.337	1	735.337
I	Triangle	-	50.500	12.075	(L x B)/2)	304.894	1	304.894
						TOTAL DEDUCTION		2269.630
TOTAL BUA OF BASEMENT 3					ADDITION (XX) - DEDUCTION (YY)			3856.969 SQM.

BASEMENT 3 PARKING AREA								
1. ADDITION – XX								
NAME	SHAPE	LENGTH (L)	WIDTH (B)	HEIGHT (H)	FORMULA	AREA	QUANTITY	TOTAL AREA (Sq.Mts.)
		Basement 3 BUA			-	3856.969	1	3856.969
						1. TOTAL ADDITION		3856.969
1. DEDUCTION – BB								
NAME	SHAPE	LENGTH (L)	WIDTH (B)	HEIGHT (H)	FORMULA	AREA	QUANTITY	TOTAL AREA (Sq.Mts.)
A1	Rectangle	18.160	5.180	-	L X B	94.069	1	94.069
A2	Triangle	-	5.180	1.510	(L x B)/2)	3.911	1	3.911
A3	PLine	-	-	-	-	0.431	1	0.431
A4	Triangle	-	3.955	5.790	(L x B)/2)	11.450	1	11.450
A5	PLine	-	-	-	-	8.459	1	8.459
A6	Triangle	-	2.995	3.955	(L x B)/2)	5.923	1	5.923
A7	Rectangle	2.690	4.960	-	L X B	13.342	1	13.342
S1	Rectangle	24.790	4.700	-	L X B	116.513	1	116.513
D1	Rectangle	19.185	5.100	-	L X B	97.844	1	97.844
D2	Rectangle	23.070	6.590	-	L X B	152.031	1	152.031
D3	Rectangle	1.530	4.550	-	L X B	6.962	1	6.962
D4	Rectangle	5.750	2.920	-	L X B	16.790	1	16.790
D5	Rectangle	14.600	4.900	-	L X B	71.540	1	71.540
D6	Rectangle	6.050	5.200	-	L X B	31.460	1	31.460
D7	Rectangle	5.130	6.000	-	L X B	30.780	1	30.780
D8	Triangle	-	2.115	6.000	(L x B)/2)	6.345	1	6.345
D9	Rectangle	4.160	6.830	-	L X B	28.413	1	28.413
F1	Rectangle	2.645	5.370	-	L X B	15.278	1	15.278
						TOTAL DEDUCTION		711.539
TOTAL PARKING AREA (BASEMENT 3)					ADDITION (XX) - DEDUCTION (BB)			3145.430 SQM.



01 BASEMENT-3 AREA DIAGRAM
Scale:1:400

SUBMISSION DRAWINGS

GENERAL NOTES :-
1. DRAWINGS IN P.L & F.F SERIES REPRESENTS PLUMBING AND FIRE SUPPRESSION SYSTEM.
2. IN CASE OF ANY DISCREPANCY IT SHOULD BE BROUGHT TO THE NOTICE OF ARCHITECT / PROJECT MANAGER / CONSULTANT.
3. DRAWING SHOULD NOT BE SCALED. ONLY WRITTEN DIMENSIONS TO BE FOLLOWED.
4. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL LAND, SCAPING, STRUCTURAL AND OTHER SERVICES DRAWING.
5. ALL SERVICES SHADPS WILL BE SEALED AT EVERY FLOOR LEVEL &OPER INSTALLING SERVICES.

NOTES :
WHEREVER DEFINED RESTAURANT/FOOD COURT PLANED PLEASE PROVIDE MIN. 450MM SUNK REQUIRED.

FIRE LEGEND:-	
A.	100Ø HYDRANT PIPE FOR LOWER ZONE
A1.	100Ø HYDRANT PIPE FOR UPPER ZONE
B.	80Ø DRAIN PIPE
C.	150Ø SPRINKLER PIPE FOR LOWER ZONE
C1.	150Ø SPRINKLER PIPE FOR UPPER ZONE
D.	100Ø FIRE HYDRANT MAKE UP PIPE
FHC	FIRE HOSE CABINET
FLD	FLOOR DRAIN

DOOR WINDOW SCHEDULE - TOWER				
Type	Opening Size	Off/Final Level	Location	Remarks
D	1800x2400	900/900	BASEMENT LIFT LOBBY	1 HOUR FIRE RATED
D1H	1800x2700	900/2700	UNIT ENTRANCE	1 HOUR FIRE RATED
D1M	1200x2400	900/900	BEDROOM	Wooden flush door
D03	900x2400	900/900	STORE ROOM	Wooden flush door
D0K	900x2400	900/900	S. ROOM / STUDY ROOM	Wooden flush door
D05	750x2400	900/900	TOILET	Wooden flush door
D06	750x2700	900/700	KITCHEN, STORE ROOM	UPVC
D07	650x2400	900/900	STORE TOILET	Wooden flush door
WD1	2250x2400	3900/700	BEDROOM	OPENABLE UPVC
WD2	2400x2400	3900/700	MASTER BEDROOM , BED ROOM	OPENABLE UPVC
WD1	550x1200	1200/2400	TOILET	OPENABLE UPVC
WD2	450x1200	1200/2400	STORE TOILET	OPENABLE UPVC
WD5	600x1200	1200/2400	TOILET	OPENABLE UPVC
DWD1	2400x2700	1100/700	KITCHEN	OPENABLE UPVC
DWD2	1800x2700	1100/700	KITCHEN	OPENABLE UPVC
SD1	5700x2700	300/700	LIVING/DINING	SLIDING UPVC
SD2	1800x2700	300/700	BEDROOM	SLIDING UPVC
SD3	2400x2700	300/700	BEDROOM	SLIDING UPVC
SD4	3300x2700	300/700	MASTER BEDROOM	SLIDING UPVC
SD5	3750x2700	300/700	DRAWING	SLIDING UPVC
SD6	2400x2700	300/700	BEDROOM	SLIDING UPVC
SD7	6310x2700	300/700	DRAWING/DINING	SLIDING UPVC
LD1	1800x2700	300/700	LOBBY	AS / VENDOR
FD1	1250x2400	300/400	STAIRCASE	1 HOUR FIRE RATED
FD2	1500x2700	300/400	LIFT LOBBY	1 HOUR FIRE RATED
FD3	900x2400	300/400	ELECTRICAL ROOM	2 HOUR FIRE RATED
FD4	750x2400	4300/900	LIF SHAFT	2 HOUR FIRE RATED
FD5	900x1800	6300/2400	PHC	2 HOUR FIRE RATED
FD6	2000x2400	300/400	BASEMENT ELE SERVICE ROOMS	2 HOUR FIRE RATED
FD7	1250x2400	300/400	FIRE CONTROL ROOM	2 HOUR FIRE RATED

Note: Above mentioned opening sizes are from structure wall to wall.

PRINCIPAL ARCHITECT:

DESIGN FORUM INTERNATIONAL

K47, KAILASH COLONY, NEW DELHI - 110048
PHONE NO. 011-46556600

ARCHITECT'S SIGNATURE

OWNER'S SIGNATURE

CLIENT:
M/S AHIR INFRASPACE PRIVATE LIMITED
10th Floor, Grand View Tower,Golf Course Extension Road
Sector 58 –Gurgaon-122011

PROJECT:
PROPOSED GROUP HOUSING SITE NO. 25
IN SECTOR -53 GURUGRAM - HARYANA

JD (H) DTP (H) STP (H) (MEMBER B.P.A.C.)

DRAWING TITLE:
BASEMENT 3 PLAN, AREA DIAGRAM & CALCULATIONS

SCALE	NORTH	SHEET NO.
AS SHOWN		02
DATE 24.07.2024		