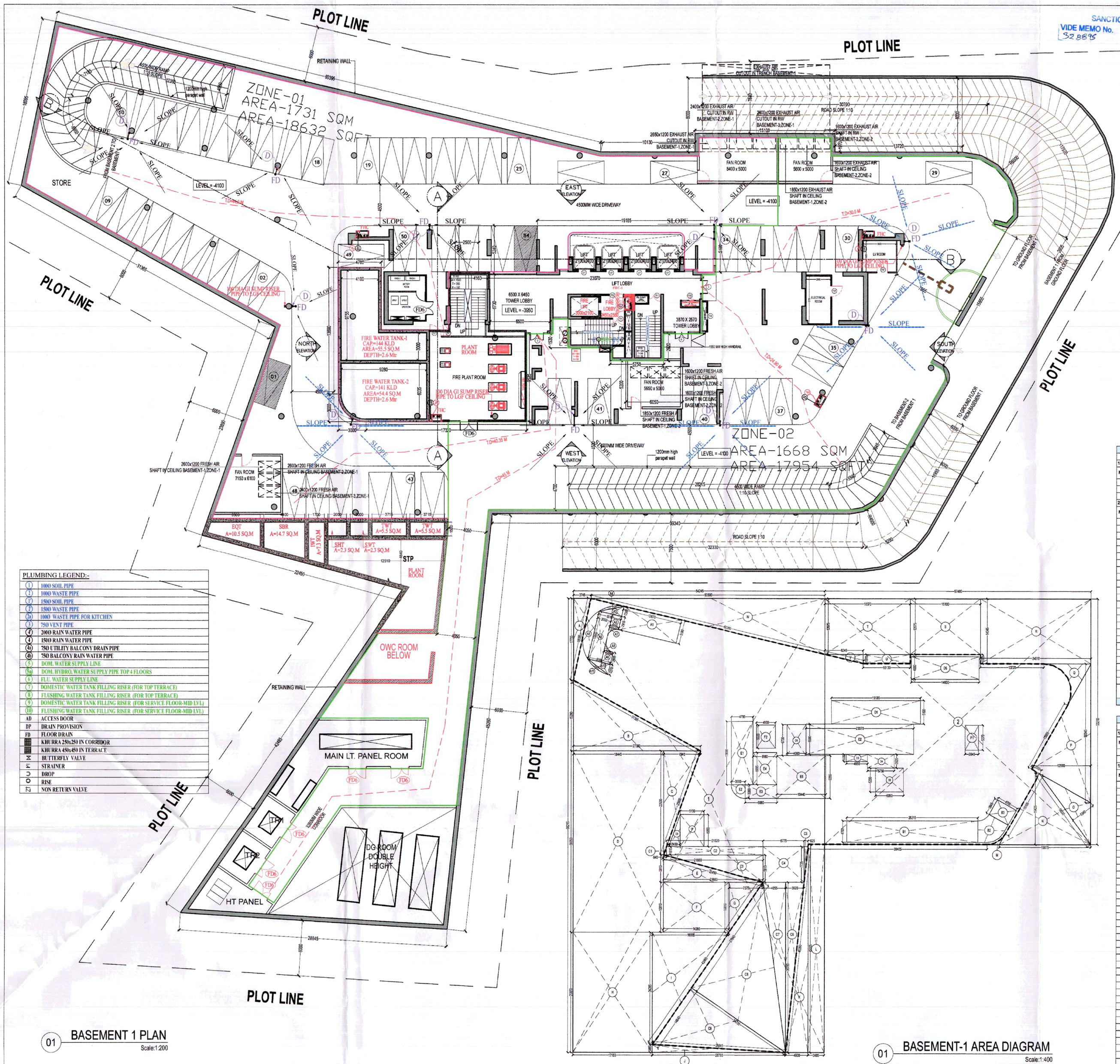

01 BASEMENT 1 PLAN
Scale:1:200

PLUMBING LEGEND:-	
1	100Ø SOIL PIPE
2	100Ø WASTE PIPE
3	150Ø SOIL PIPE
3a	150Ø WASTE PIPE
3b	100Ø WASTE PIPE FOR KITCHEN
5	75Ø VENT PIPE
6	200Ø RAIN WATER PIPE
6	150Ø RAIN WATER PIPE
6b	75Ø UTILITY BALCONY DRAIN PIPE
6b	75Ø BALCONY RAIN WATER PIPE
8	DOM. WATER SUPPLY LINE
8a	DOM. HYDRO. WATER SUPPLY PIPE TOP 4 FLOORS
8	F.L.U. WATER SUPPLY LINE
7	DOMESTIC WATER TANK FILLING RISER (FOR TOP TERRACE)
8	FLUSHING WATER TANK FILLING RISER (FOR TOP TERRACE)
9	DOMESTIC WATER TANK FILLING RISER (FOR SERVICE FLOOR-MID LVL)
10	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

01 BASEMENT-1 AREA DIAGRAM
Scale:1:400

SANCTIONED
VIDE MEMO No. 32885
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 comments in in forwarding letter No. 3236
Sub-Divisional Engineer
O/o Chief Engineer-I
HSVP, Panchkula.

Surya Bhan
J.D.

SUBMISSION DRAWINGS

GENERAL NOTES:-
1. DRAWINGS IN PE & FF 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 SHAOPS WILL BE SEALED AT EVERY FLOOR LEVEL ADPER INSTALING 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

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	=	1269.396	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	=	51	NO.'S
Basement 2	=	70	NO.'S
Basement 3	=	68	NO.'S
Stilt/Ground	=	10	NO.'S
Podium 1	=	47	NO.'S
TOTAL	=	269	NO.'S

DOOR WINDOW SCHEDULE - TOWER				
Type	Opening Size	Sill Level	Location	Remarks
D	1800x2400	000400	BASEMENT LIFT LOBBY	1 HOUR FIRE RATED
D01	1200x2700	000700	UNIT ENTRANCE	1 HOUR FIRE RATED
D02	1000x2400	000400	BEDROOM	Wooden flush door
D03	900x2400	000400	STORE ROOM	Wooden flush door
D04	900x2400	000400	S. ROOM / STUDY ROOM	Wooden flush door
D05	750x2400	000400	TOILET	Wooden flush door
D06	750x2700	000700	KITCHEN, STORE ROOM	UPVC
D07	600x2400	000400	STORE TOILET	Wooden flush door
WD1	2250x2400	000700	BEDROOM	OPENABLE UPVC
WD2	2400x2400	000700	MASTER BEDROOM , BED ROOM	OPENABLE UPVC
V01	750x1200	12000400	TOILET	OPENABLE UPVC
V02	450x1200	12000400	STORE TOILET	OPENABLE UPVC
V03	600x1200	12000400	TOILET	OPENABLE UPVC
D101	2400x2700	11000700	KITCHEN	OPENABLE UPVC
D102	1800x2700	11000700	KITCHEN	OPENABLE UPVC
SD1	975x2700	000700	LANDSCAPING	SLIDING UPVC
SD2	1800x2700	000700	BEDROOM	SLIDING UPVC
SD3	2400x2700	000700	BEDROOM	SLIDING UPVC
SD4	3000x2700	000700	MASTER BEDROOM	SLIDING UPVC
SD5	2700x2700	000700	DRAWING	SLIDING UPVC
SD6	2400x2700	000700	BEDROOM	SLIDING UPVC
SD7	6000x2700	000700	DRAWINGDINING	SLIDING UPVC
UD1	1800x2700	000700	LOBBY	AS VENDOR
FD1	1250x3400	000400	STAIRCASE	1 HOUR FIRE RATED
FD2	1000x2700	000400	LIFT LOBBY	1 HOUR FIRE RATED
FD3	900x2400	000400	ELECTRICAL ROOM	2 HOUR FIRE RATED
FD4	750x2000	4000400	LV SHAFT	2 HOUR FIRE RATED
FD5	900x1800	6000400	PHC	2 HOUR FIRE RATED
FD6	2000x2400	000400	BASEMENT ELE. SERVICE ROOM	2 HOUR FIRE RATED
FD7	1250x2400	000400	FIRE CONTROL ROOM	2 HOUR FIRE RATED

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

BASEMENT 1 AREA								
1. ADDITION – XX								
NAME	SHAPE	LENGTH (L)	WIDTH (B)	HEIGHT (H)	FORMULA	AREA	QUANTITY	TOTAL AREA (Sq.Mts.)
1	Rectangle	64.245	98.215	-	L X B	5327.673	1	5327.673
2	Rectangle	57.480	53.210	-	L X B	3058.511	1	3058.511
							TOTAL ADDITION	8386.183
2. DEDUCTION – YY								
NAME	SHAPE	LENGTH (L)	WIDTH (B)	HEIGHT (H)	FORMULA	AREA	QUANTITY	TOTAL AREA (Sq.Mts.)
A	Triangle	-	3.740	17.705	((L x B)/2)	33.163	1	33.163
B	Triangle	-	15.290	27.390	((L x B)/2)	209.397	1	209.397
C	Triangle	-	7.940	22.530	((L x B)/2)	89.444	1	89.444
D	Rectangle	19.445	39.250	-	L X B	763.216	1	763.216
E	Triangle	-	5.910	21.660	((L x B)/2)	64.005	1	64.005
F	Rectangle	10.810	14.265	-	L X B	154.421	1	154.421
G	Triangle	-	7.375	10.810	((L x B)/2)	39.862	1	39.862
H	Rectangle	17.140	25.970	-	L X B	445.126	1	445.126
I	Triangle	-	16.565	24.285	((L x B)/2)	201.141	1	201.141
J	Triangle	-	1.685	28.795	((L x B)/2)	24.260	1	24.260
K	Triangle	-	4.800	45.005	((L x B)/2)	108.012	1	108.012
L	Rectangle	3.485	45.005	-	L X B	156.842	1	156.842
M	PLine	-	-	-	-	1.336	1	1.336
N	Triangle	-	19.875	15.425	((L x B)/2)	153.266	1	153.266
O	Triangle	-	19.030	5.340	((L x B)/2)	50.810	1	50.810
P	Triangle	-	12.880	30.045	((L x B)/2)	193.490	1	193.490
Q	PLine	-	-	-	-	24.955	1	24.955
R	Rectangle	24.010	14.045	-	L X B	337.220	1	337.220
S	Rectangle	15.100	12.075	-	L X B	182.333	1	182.333
T	Rectangle	18.370	12.075	-	L X B	221.818	1	221.818
U	Rectangle	10.130	1.970	-	L X B	19.956	1	19.956
V	Triangle	-	8.240	1.970	((L x B)/2)	8.115	1	8.116
W	Triangle	-	50.500	12.075	((L x B)/2)	304.894	1	304.894
							TOTAL DEDUCTION	3787.092
TOTAL BUA OF BASEMENT 1				ADDITION (XX) - DEDUCTION (YY)				4599.092 SQM.

BASEMENT 1 PARKING AREA								
1. ADDITION – XX								
NAME	SHAPE	LENGTH (L)	WIDTH (B)	HEIGHT (H)	FORMULA	AREA	QUANTITY	TOTAL AREA (Sq.Mts.)
Basement 1 BUA						4599.092	1	4599.092
							1. TOTAL ADDITION	4599.092
1. DEDUCTION – BB								
NAME	SHAPE	LENGTH (L)	WIDTH (B)	HEIGHT (H)	FORMULA	AREA	QUANTITY	TOTAL AREA (Sq.Mts.)
A1	Rectangle	12.670	5.180	-	L X B	65.631	1	65.631
A2	Rectangle	2.915	2.015	-	L X B	5.874	1	5.874
A3	Triangle	-	2.285	5.010	((L x B)/2)	5.874	1	5.874
A4	PLine	-	-	-	-	1.905	1	1.905
A5	PLine	-	-	-	-	15.951	1	15.951
A6	Rectangle	3.000	10.940	-	L X B	31.620	1	31.620
A7	PLine	-	-	-	-	0.863	1	0.863
A8	PLine	-	-	-	-	0.938	1	0.938
A9	Rectangle	2.040	2.695	-	L X B	5.498	1	5.498
A10	Triangle	-	2.270	5.045	((L x B)/2)	5.726	1	5.726
A11	PLine	-	-	-	-	1.927	1	1.927
B1	Rectangle	28.215	4.700	-	L X B	132.611	1	132.611
B2	PLine	-	-	-	-	27.542	1	27.542
B3	Rectangle	3.645	4.700	-	L X B	17.132	1	17.132
C1	Triangle	-	0.840	1.615	((L x B)/2)	0.581	1	0.581
C2	Rectangle	1.815	21.020	-	L X B	38.151	1	38.151
C3	Triangle	-	5.910	21.660	((L x B)/2)	64.005	1	64.005
C4	Rectangle	8.775	7.725	-	L X B	67.767	1	67.767
C5	Triangle	-	0.825	7.725	((L x B)/2)	3.187	1	3.187
C6	Triangle	-	3.920	36.780	((L x B)/2)	72.069	1	72.069
C7	Triangle	-	36.780	4.855	((L x B)/2)	89.283	1	89.283
C8	Triangle	-	27.940	24.735	((L x B)/2)	341.900	1	341.900
C9	Triangle	-	24.735	14.840	((L x B)/2)	183.534	1	183.534
D1	Rectangle	18.185	5.100	-	L X B	97.844	1	97.844
D2	Rectangle	23.170	6.590	-	L X B	152.690	1	152.690
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	6.950	-	L X B	35.654	1	35.654
D8	Triangle	-	2.450	6.950	((L x B)/2)	8.514	1	8.514
D9	Rectangle	4.160	6.830	-	L X B	28.413	1	28.413
E1	Rectangle	4.700	13.690	-	L X B	64.343	1	64.343
E2	Square-Quadrant	3.000	-	-	3.14 x B X H	1.935	1	1.935
E3	Rectangle	6.880	3.000	-	L X B	20.640	1	20.640
E4	Rectangle	5.180	6.935	-	L X B	35.923	1	35.923
E5	Rectangle	10.440	9.265	-	L X B	96.727	1	96.727
F1	Rectangle	2.845	5.370	-	L X B	15.278	1	15.278
F2	Rectangle	4.100	5.020	-	L X B	20.582	1	20.582
							TOTAL DEDUCTION	1884.999
TOTAL PARKING AREA (BASEMENT 1)				ADDITION (XX) - DEDUCTION (BB)				2714.092 SQM.

PRINCIPAL ARCHITECT:

DESIGN FORUM INTERNATIONAL

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

ARCHITECT'S SIGNATURE

M. VIKKET
Off. No. 313, AKD Tower, Sec-14, Gurugram
CA-2017-2024

OWNER'S SIGNATURE

AHIR INFRASPACE PVT. LTD. HARYANA

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

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

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

DTP (HQ)
Member

DRAWING TITLE:
BASEMENT 1 PLAN, AREA DIAGRAM & CALCULATIONS

SCALE	NORTH	SHEET NO.
AS SHOWN		04
DATE 24.07.2024		