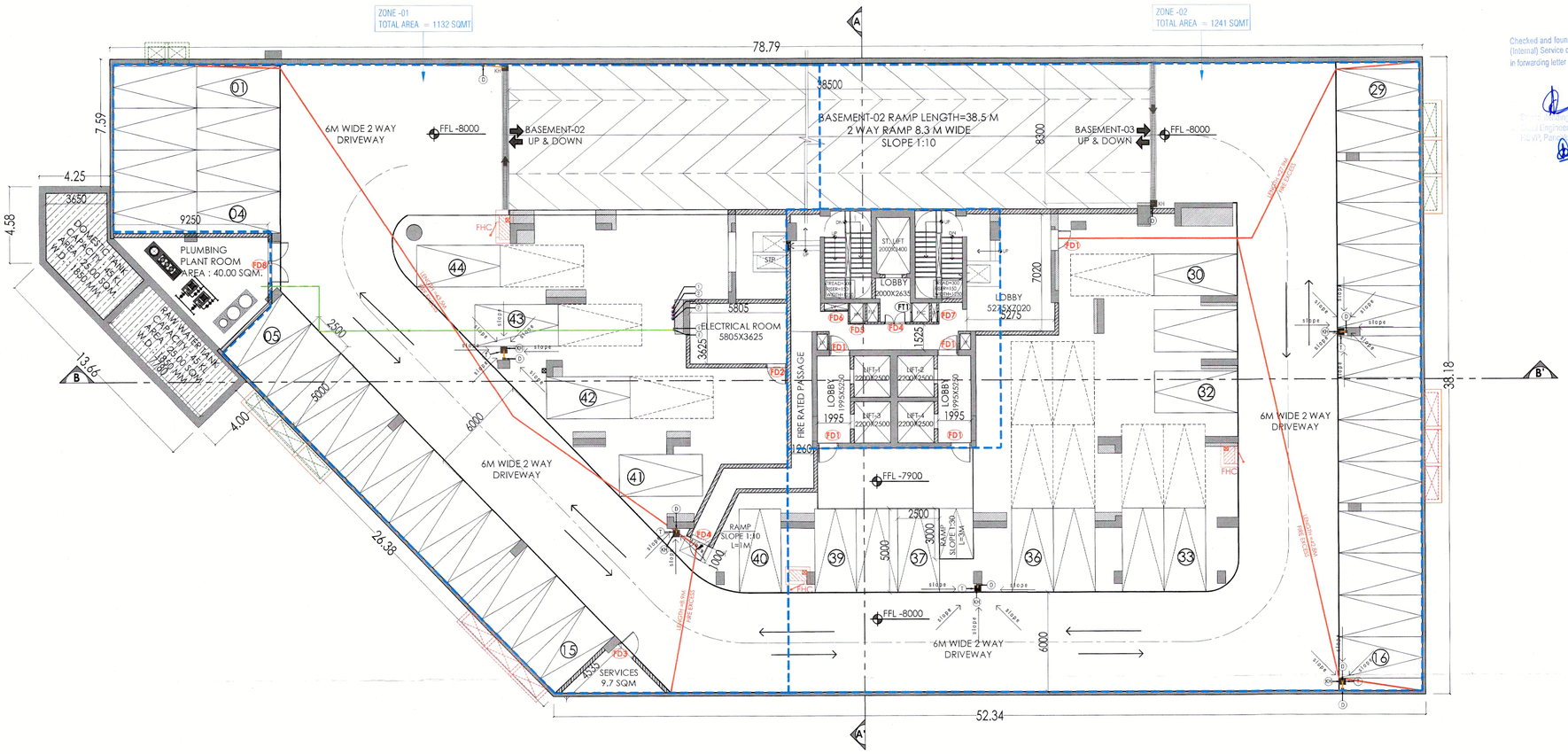
Barcut 02



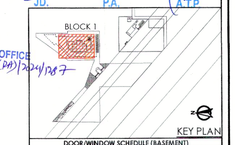
BASEMENT-02 PLAN
SCALE-1:150

Checked and found ok for Public Health (Internal) Service only subject to comments in in forwarding letter No 230638 Dt 24/10/2023
Sr. Executive Engineer (HQ)
Sr. Civil Engineer-I
HSVP, Panchkula

DTP (HQ)
S.T.P (HQ) Member B.P.A.C.
S.T.P (G) Member B.P.A.C.
C.T.P (Hr.) Chairman B.P.A.C.
Consultant Architect
ATP(HQ)
Ram Avtar Bassi JD(HQ)

JD. P.A. A.T.P.

SANCTIONED
TO BE READ WITH THIS OFFICE MEMO NO.: ZP-833/SD(BR)/2024/207
DTD: 11-01-2024



DD (HQ)
Member BPAC

DOOR/WINDOW SCHEDULE (BASEMENT)

S.NO.	DOOR TAG	WIDTH	LINTEL	CILL	FIRE RATING
DOORS					
1	FD1	1250	2700		2HR
2	FD2	1250	2700		2HR
3	FD3	1250	2700		2HR
4	FD4	1250	2700		2HR
5	FD5	900	2700		2HR
6	FD6	1450	2700		2HR
7	FD7	660	2700	100	2HR
8	FT1	900	2700	100	
9	FD8	2500	2700		2HR

NOTES:-
1. VRV System is being provided.
2. Full DG power back up is being provided.
3. Toilets are mechanical ventilated.
4. All lifts shall have 100% power back-up.
5. All electrical installations shall be as per provision of nbc.
6. Fire-fighting/safety provisions will be as per relevant nbc provisions.
7. Basement area shall have mechanically ventilated as per relevant code.
8. All toilets are ventilated as per haryana building code 2017.
9. Building has automatic sprinkler system wherever required by nbc.
10. Building will be designed (structures) as per relevant i.s. codes for earthquake resistance.
11. Solar panels of required capacity shall be provided on roof top as per hareda/zoning norms.
12. All handicap ramps with railing.
13. All d/s have 1 hour fire rated entrance door.
14. All fire fighting installations shall be as per provision of nbc.
15. The rainwater harvesting system shall be provided as per central ground water auth.norms.

BASEMENT-02 AREA DIAGRAM

S.NO.	SHAPE	LENGTH	WIDTH	COEFFE.	NOS.	AREA (SQ.M.)
ADDITIONS						
B1	RECTANGLE	52.345	38.180		1	1998.532
B2	RECTANGLE	26.445	7.575		1	200.321
B3	RECTANGLE	30.695	4.575		1	140.430
B4	RECTANGLE	9.800	4.000		1	39.200
B5	TRIANGLE	5.560	2.780	0.5	1	7.728
B6	TRIANGLE	36.185	18.085	0.5	1	327.203
					TOTAL BASMENT-02 AREA	2713.414

SUMMARY - PARKING

	Proposed ECS	AREA in Sq.Mt.
TOTAL E.C.S. ON SURFACE@ 23 Sq.Mtrs	**20**	460.000
TOTAL AREA AT BASEMENT B1		**2867.746**
TOTAL SERVICE AREA & CUTOUT AREA AT BASEMENT (B1)		1081.022
E.C.S. PERMISSIBLE BASEMENT @**32** SQ.M.	56	1786.724
TOTAL NUMBER OF CAR PARKS PROVIDED	**44**	NO. OF CARS
TOTAL AREA AT BASEMENT B2		**2713.414**
TOTAL SERVICE AREA & CUTOUT AREA AT BASEMENT (B2)		810.962
E.C.S. PERMISSIBLE BASEMENT @**32** SQ.M.	59	1902.452
TOTAL NUMBER OF CAR PARKS PROVIDED	**44**	NO. OF CARS
TOTAL AREA AT BASEMENT B3		**2713.414**
TOTAL SERVICE AREA & CUTOUT AREA AT BASEMENT (B3)		810.962
E.C.S. PERMISSIBLE IN BASEMENT @**32** SQ.M.	59	1902.452
TOTAL NUMBER OF CAR PARKS PROVIDED	**44**	NO. OF CARS
TOTAL AREA AT BASEMENT B4		**2713.414**
TOTAL SERVICE AREA & CUTOUT AREA AT BASEMENT (B4)		631.792
E.C.S. PERMISSIBLE IN BASEMENT @**32** SQ.M.	65	2081.622
TOTAL NUMBER OF CAR PARKS PROVIDED	**50**	NO. OF CARS
TOTAL CAR PARK	**202**	
RESERVED PARKING FOR EWS ON SURFACE @ 23 SQ.Mtrs	**6**	

BASEMENT-02 SERVICE AREA CALCULATION

S.NO.	SHAPE	LENGTH	WIDTH	COEFFE.	NOS.	AREA (SQ.M.)
ADDITIONS						
A1	RECTANGLE	38.500	8.740		1	336.490
A2	RECTANGLE	9.325	7.320		1	68.259
A3	RECTANGLE	4.985	5.395		1	26.894
A4	RECTANGLE	2.275	4.080		1	9.282
A5	RECTANGLE	5.915	7.080		1	41.878
A6	RECTANGLE	9.850	7.000		1	68.950
A7	RECTANGLE	9.850	3.620		1	35.657
A8	RECTANGLE	6.585	5.455		1	35.921
A9	RECTANGLE	2.245	5.000		1	11.225
A10	RECTANGLE	6.235	7.320		1	45.640
A11	TRIANGLE	7.040	3.520	0.5	1	12.426
A12	RECTANGLE	2.180	4.200		1	9.156
A13	RECTANGLE	1.450	1.065		2	3.089
A14	RECTANGLE	1.050	1.975		1	2.074
A15	TRIANGLE	7.290	3.675	0.5	1	13.395
A16	RECTANGLE	4.450	2.815		1	12.527
A17	RECTANGLE	12.835	3.435		1	44.088
A18	RECTANGLE	1.625	1.750		1	2.844
A19	TRIANGLE	2.325	1.170	0.5	1	1.360
A20	RECTANGLE	5.840	2.915		1	17.024
A21	TRIANGLE	6.995	3.655	0.5	1	12.783
					TOTAL BASEMENT-02 SERVICE AREA	810.962

LEGEND :-
- DIRECT CAR PARKING (2.5MX5M)
- JOCKEY CAR PARKING

NOTE :-
1. JOCKEY TO BE PROVIDED TO SINGLE UNIT OWNER.
2. JOCKEY ARE NOT COUNTED IN TOTAL PARKING NUMBER.

NOTES:
REFER DRAWING NO. GP-AR-201 FOR ELEVATIONS
REFER DRAWING NO. GP-AR-301 FOR SECTIONS

LANDSCAPE :
ORACLES
LANDSCAPE DESIGN, PLANNING & CONSERVATION
G 98, Kalkaji, New Delhi 110019
+91 11 2648 1630 | +91 9560005480
Email: suneet@oracleslandscape.in
Web: www.oracleslandscape.in/oracles-profile.pdf

STRUCTURAL CONSULTANT :
PERCEPTIVE IDEAS CONSULTING ENGINEERS
C-486, GROUND FLOOR, C.R. PARK, NEW DELHI - 110019
P:011-40455638/39 E:info@perceptiveideas.org
PERCEPTIVE IDEAS CONSULTING ENGINEERS PVT. LTD.

MEP:
PARADISE CONSULTANTS
PLOT NO. 129, POCKET-2, BASEMENT
JASOLA VIHAR, NEW DELHI-110025
PH : 011- 46132800, 41030619
E-mail: mep@paradiseconsultants.com

ARCHITECTS: ARCOP
Arcop Associates Pvt. Ltd.
Plot- 36b, Sec-32, Gurgaon-122001
Ph.: 26242050, 26242169

PROJECT TITLE:
PROPOSED BUILDING PLANS OF GROUP HOUSING COLONY OVER AN AREA MEASURING 4.5875 ACRES(LICENCE NO.75 OF 2022 DATED 15.06.2022) FALLING IN THE REVENUE ESTATE OF VILLAGE, GWAL PAHARI, SECTOR-2, GWAL PAHARI, GURUGRAM BEING DEVELOPED BY KVELL INFRASTRUCTURE LLP.

ARCHITECT'S SIGNATURE
Ashu, Architect
Council of Architecture
Registration No.: CA/2007/40332

CLIENT'S SIGNATURE
KVELL INFRASTRUCTURE LLP
Auth. Sign./Designated Partner

DRAWING TITLE
BASEMENT-02 PLAN

Job No.	Drawing No. GP-AR-B2-103
Drawn RISHIKA / Checked ASHU	
Date 29-08-2023 / Scale 1:150	Revisions