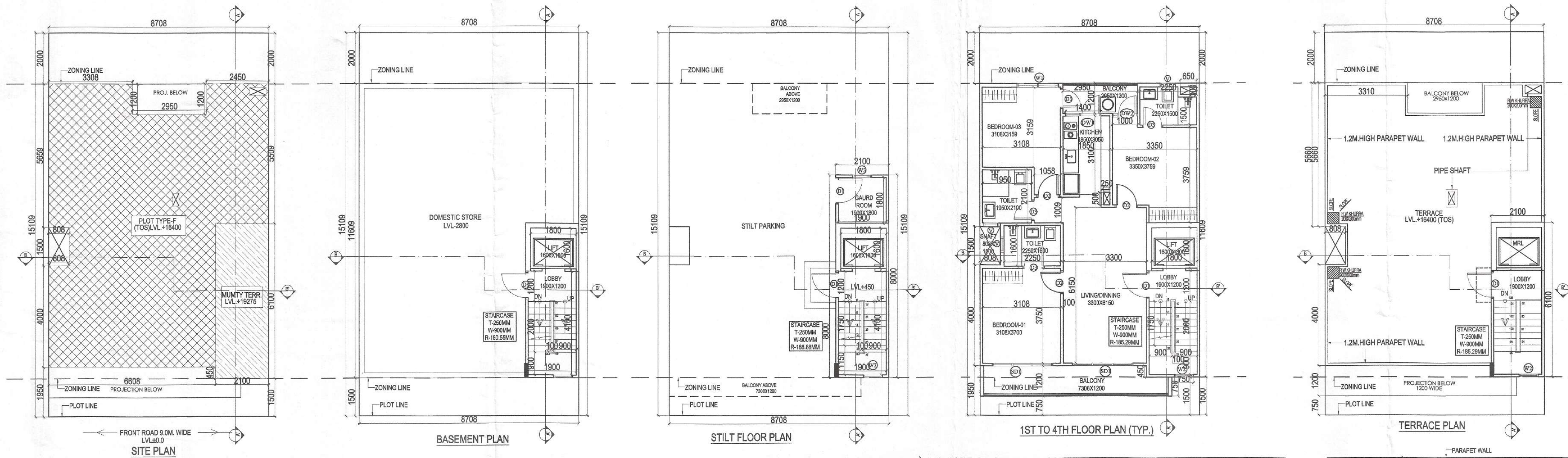




- NOTES:-
1. ALL PIPE DIAMETERS ARE IN MM.
 2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL AND STRUCTURAL DRAWINGS.
 3. MANHOLES SHALL BE CONSTRUCTED AS PER STANDARD DETAILS.
 4. SOILWASTE & VENT PIPE WORK:-
SOILWASTE & VENT PIPE SHALL BE CARRIED OUT IN UPVC PIPE AND FITTINGS TYPE-B CONFORMING TO IS:1592.
ALL HORIZONTAL SOIL AND WASTE PIPES SHALL BE LAID TO A SLOPE NOT FLATTER THAN 1:50 AND NOT STEEPER THAN 1:10 UNLESS SPECIFIED OTHERWISE.
 5. WATER SUPPLY PIPE WORK:-
WATER SUPPLY PIPE WORK SHALL BE CARRIED OUT IN CPVC (SDR-11) CONFORMING TO ASTM STANDARDS. ALL PIPE FITTINGS SHALL BE OF CPVC OF CLASS SAME AS PIPE CONFORMING TO ASTM STANDARDS SUITABLE FOR SOLVENT CEMENT JOINTS AS PER MFR.
 6. NO PIPE WORK SHALL BE CONCEALED IN WALLS OR BURIED IN FLOORS WITHOUT BEING SUBJECTED TO WATER TESTING AS PER THE DIRECTION OF THE SITE ENGINEER.
 7. ALL WATER SUPPLY PIPES IN TOILETS SHALL RUN AT SKIRTING LEVEL UNLESS SPECIFIED OTHERWISE. NO WATER SUPPLY SHALL BE BURIED IN THE TOILET FLOOR.
 8. WATER INLETS AND WASTE OUTLETS FROM SANITARYWARE SHALL BE ARRANGED TO SUIT REQUIREMENTS OF SELECTED MAKES AND MODELS.
 9. ALL STONEWARE PIPES SHALL BE ENCASED IN 150 MM. THICK 1:5:10 CEMENT CONCRETE ALL AROUND.
 10. FLOOR TRAPS:-
ALL FLOOR TRAPS SHALL BE FORMED OF 100X100 MM. DIA. 'S' TRAP WITH 110 MM. DIA. UPVC PIPE EXTENSION PIPE FOR SIDE INLETS.
 11. FLOOR DRAIN:-
DRAIN POINTS SHALL BE FORMED OF 75X75 MM. DIA. UPVC ELBOW WITH 75 MM. DIA. C.P. GRATING WITH FRAME.
 12. WASTE PIPES:-
ALL WASTE PIPE WORK FROM WASH BASINS, SINKS, URINALS AND DRAIN POINTS SHALL BE IN UPVC PIPES AND FITTINGS OF 8KG/CM PRESSURE RATING.

S.NO.	DESCRIPTION	SYMBOL
1.	110 OD UPVC SOIL PIPE	①
2.	110 OD UPVC WASTE PIPE	②
3.	DOMESTIC WATER B/N PIPE AS PER SCHEMATIC DIAGRAM	③
4.	FLUSHING WATER B/N PIPE AS PER SCHEMATIC DIAGRAM	④
5.	110 OD RAIN WATER PIPE	⑤
6.	25 MM DIA. DOMESTIC RISER PIPE	⑥
7.	20 MM DIA. FLUSHING RISER PIPE	⑦
8.	80 OD BALCONY WASTE PIPE	⑧
9.	FLOOR TRAP	• FT
10.	FLOOR DRAIN	• FD
11.	FLOOR CLEAN OUT TRAP	• FCO
12.	BALCONY DRAIN POINT	• BP

S.NO.	DESCRIPTION	SIZE
1.	PIPE DIA FROM WD TO HORIZONTAL STACK	110.00
2.	PIPE DIA FROM FT TO HORIZONTAL STACK	110.00
3.	PIPE DIA FROM FD TO FT	83.00
4.	PIPE DIA FROM WB TO FD AND FT	40.00

AREA CALCULATIONS OF TYPE 'F' PLOT		SQ.MT
TOTAL PLOT AREA	= 8.708 X 15.109	= 131.569
PERMISSIBLE FAR @ 2.64		= 347.343
PROPOSED FAR @ 2.63		= 346.302
PERMISSIBLE GROUND COVERAGE @ 75%		= 98.677
PROPOSED GROUND COVERAGE @ 70.98%		= 93.368

AREA OF STILT FLOOR		SQ.MT
ITEM	L X B X FACTOR X NO	SQ.MT
S1	2.100 X 8.000 X 1.0 X 1	16.800
TOTAL		16.800

AREA OF TYPICAL FLOOR		SQ.MT
ITEM	L X B X FACTOR X NO	SQ.MT
1	3.308 X 1.200 X 1.0 X 1	3.970
2	2.450 X 1.200 X 1.0 X 1	2.940
3	8.708 X 4.458 X 1.0 X 1	38.829
4	7.900 X 1.500 X 1.0 X 1	11.850
5	8.708 X 4.000 X 1.0 X 1	34.832
6	2.100 X 0.450 X 1.0 X 1	0.945
TOTAL		93.368

DEDUCTIONS		SQ.MT
ITEM	L X B X FACTOR X NO	SQ.MT
D1	1.800 X 1.600 X 1.0 X 1	2.880
D2	1.800 X 4.100 X 1.0 X 1	7.380
D3	0.300 X 0.850 X 1.0 X 1	0.195
D4	0.250 X 0.5 X 1.0 X 1	0.125
TOTAL		10.580
TOTAL FAR AREA + TOTAL ADDITIONS - TOTAL DEDUCTION		82.376

AREA OF STAIRCASE + LIFT		SQ.MT
ITEM	L X B X FACTOR X NO	SQ.MT
D1	1.800 X 1.600 X 1.0 X 1	2.880
D2	1.800 X 4.100 X 1.0 X 1	7.380
TOTAL		10.260

GROUND COVERAGE		SQ.MT
AREA OF TYPICAL FLOOR + STAIRCASE + LIFT + SHAFT		93.366

TOTAL AREA OF STILT FLOOR	= 16.800	SQ.M
TOTAL AREA OF FIRST FLOOR	= 82.376	SQ.M
TOTAL AREA OF SECOND FLOOR	= 82.376	SQ.M
TOTAL AREA OF THIRD FLOOR	= 82.376	SQ.M
TOTAL AREA OF FOURTH FLOOR	= 82.376	SQ.M
TOTAL FAR AREA	= 346.302	SQ.M

AREA OF MUMTY & MACHINE ROOM		SQ.MT
ITEM	L X B X FACTOR X NO	SQ.MT
M1	2.100 X 6.100 X 1.0 X 1	12.810
TOTAL		12.810

AREA OF STILT FLOOR FOR PARKING		SQ.MT
GROUND COVERAGE - AREA OF STILT		80.410

AREA OF BASEMENT FLOOR		SQ.MT
ITEM	L X B X FACTOR X NO	SQ.MT
Z	8.708 X 11.609 X 1.0 X 1	101.091
TOTAL		101.091

BUILT UP AREA DETAILS		SQ.MT
TOTAL AREA OF BASEMENT FLOOR	= 101.091	SQ.M
TOTAL AREA OF STILT FLOOR	= 93.366	SQ.M
TOTAL FAR AREA OF FIRST FL + STAIRCASE	= 90.166	SQ.M
TOTAL AREA OF SECOND FLOOR	= 90.166	SQ.M
TOTAL AREA OF THIRD FLOOR	= 90.166	SQ.M
TOTAL AREA OF FOURTH FLOOR	= 90.166	SQ.M
TOTAL AREA OF MUMTY & MACHINE ROOM	= 12.810	SQ.M
TOTAL BUILT UP AREA	= 567.829	SQ.M

- NOTE:
1. ADJACENT PLOTS WILL BE AS MIRROR LAYOUT.
 2. TOILETS WILL BE MECHANICALLY VENTILATED.

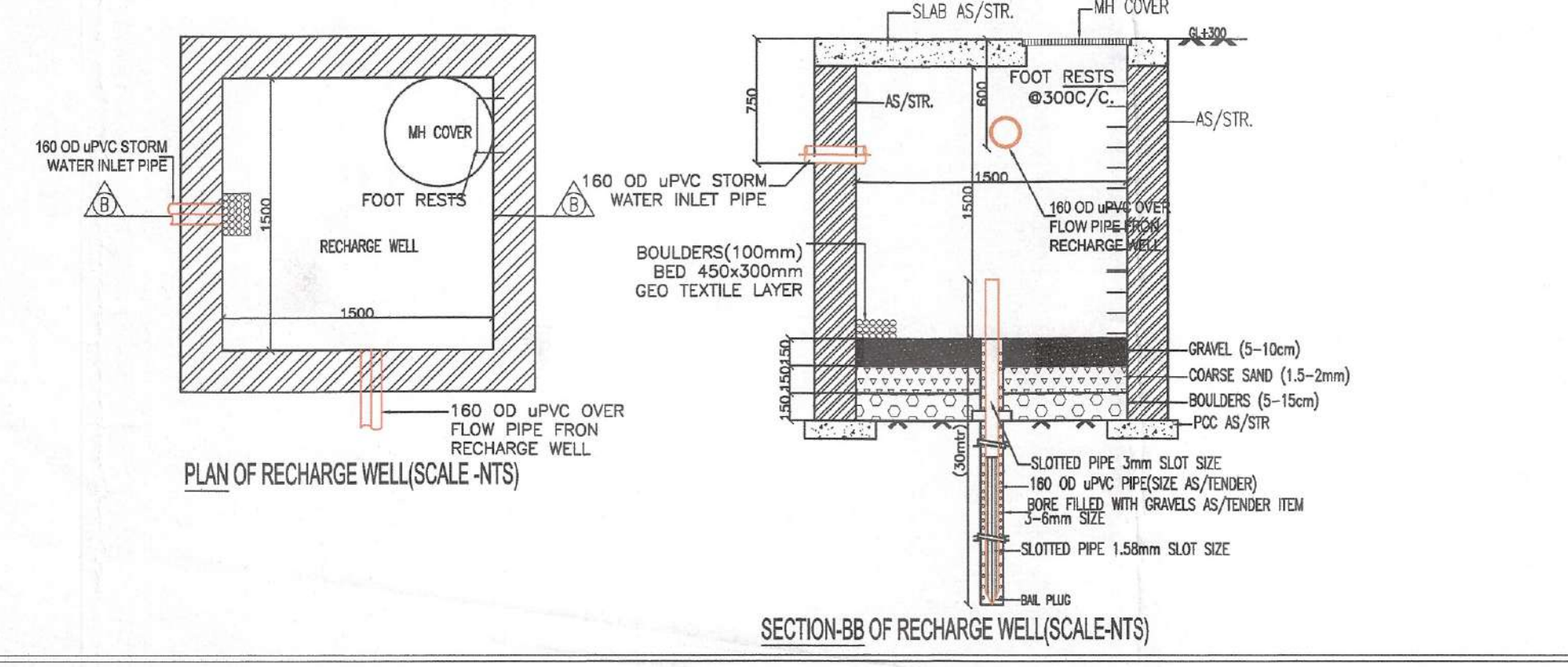
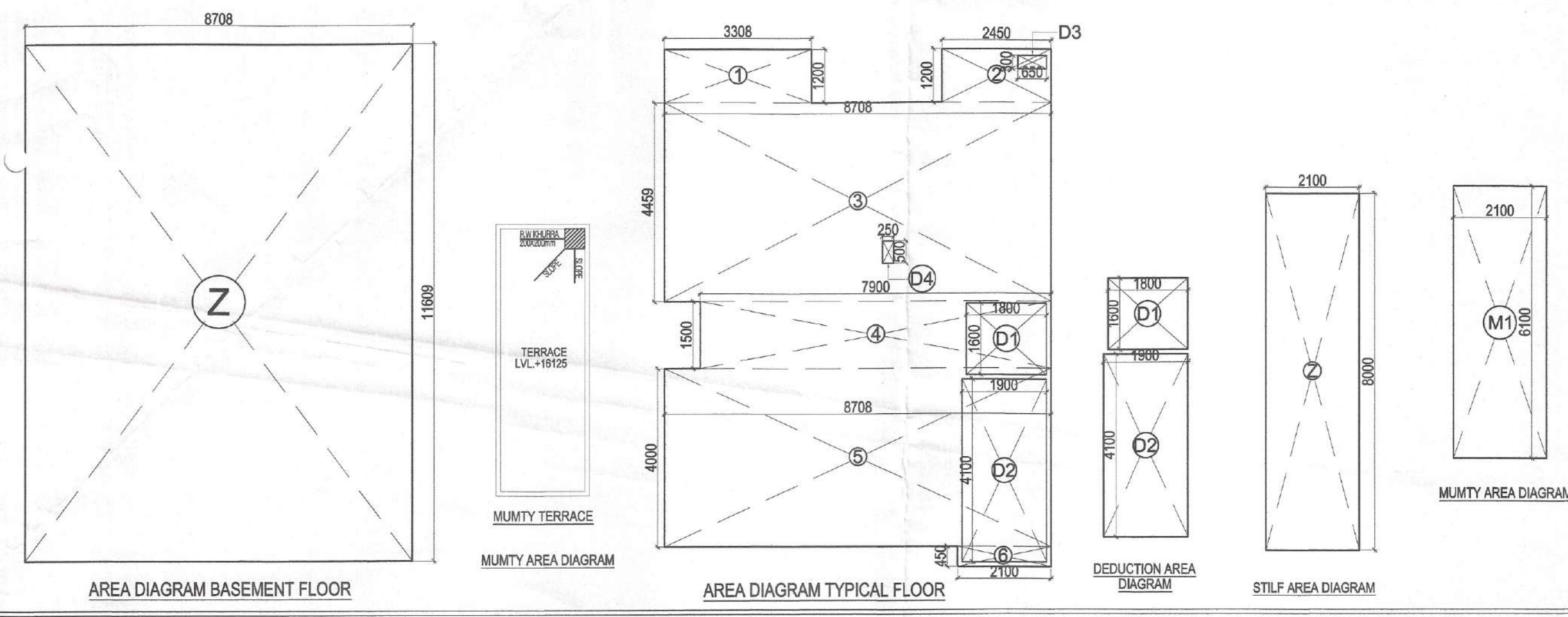
PROPOSED BUILDING PLAN OF PLOT NO. F2,F4,F5,F7,F10 & F12
TYPE 'F' MEASURING 131.569 SQ. METER
SITUATED IN AFFORDABLE RESIDENTIAL PLOTTED COLONY (DDJAY) ON AN AREA OF 17.31875 ACRES
FALLING IN THE SECTOR-93, DISTRICT GURUGRAM- (LICENCE NO 210 OF 2022
DATED 22.12.2022 TO SIGNATURE BUILDERS PVT. LTD.

DRG.NO.- SIG / TYPE - F
ARCHITECT'S SIGN
OWNER'S SIGN

MEENAKSHI KHANNA
CA/89/12359
Architect

S.NO.	TYPE	SIZE (MM)	SILL from TOS	LINTEL from TOS
1	D1	1050X2350	±00	2350
2	D2	900X2350	±00	2350
3	D3	800X2100	±00	2350
4	SD1	2400X2350	±00	2350
5	DW1	1400X2350	±00/1050	2350
6	DW2	1000X2350	±00/950	2350
7	W1	1650X1400	+950	2350
8	W2	750X1400	+950 From Landing	2350
9	W3	750X1400	+950	2350
10	V	600X900	+1450	2350

S.NO.	TYPE	SIZE (MM)	SILL from TOS	LINTEL from TOS
1	D1	1050X2350	±00	2350
2	D2	900X2350	±00	2350
3	D3	800X2100	±00	2350
4	SD1	2400X2350	±00	2350
5	DW1	1400X2350	±00/1050	2350
6	DW2	1000X2350	±00/950	2350
7	W1	1650X1400	+950	2350
8	W2	750X1400	+950 From Landing	2350
9	W3	750X1400	+950	2350
10	V	600X900	+1450	2350



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M. Tech Hons (Struct. & FIE)
Chartered Engineer
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