



S.NO	TYPE	SIZE (MM)	SILL	LINTEL
1	D1	1050X2350	±00	2350
2	D2	900X2350	±00	2350
3	D3	800X2100	±00	2350
4	SD1	2400X2350	±00	2350
7	W1	750X1250	+1100	2350
8	W2	1800X1600	+750 From Landing	
9	V	600X750	+1600	2350

NOTES:-

- ALL PIPE DIAMETERS ARE IN MM.
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL AND STRUCTURAL DRAWINGS.
- MANHOLES SHALL BE CONSTRUCTED AS PER STANDARD DETAILS.
- SOL WASTE & VENT PIPE WORK: SOL WASTE & VENT PIPE WORK SHALL BE CARRIED OUT IN UPVC PIPE AND FITTINGS TYPE-3 CONFORMING TO IS:15395.
- ALL HORIZONTAL SOL AND WASTE PIPES SHALL BE LAID TO A SLOPE NOT FLATTER THAN 1:50 AND NOT STEEPER THAN 1:10 UNLESS SPECIFIED OTHERWISE.
- 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.
- 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.
- ALL WATER SUPPLY PIPES IN TOILETS SHALL RUN AT SKIRTING LEVEL UNLESS SPECIFIED OTHERWISE. NO WATER SUPPLY SHALL BE BURIED IN THE TOILET FLOOR.
- WATER INLETS AND WASTE OUTLETS FROM SANITARYWARE SHALL BE ASSIGNED TO SUIT REQUIREMENTS OF SELECTED MAKES AND MODELS.
- ALL STONEMARE PIPES SHALL BE ENCASED IN 150 MM THICK 1:5:10 CEMENT CONCRETE ALL AROUND.
- FLOOR TRAPS: ALL FLOOR TRAPS SHALL BE FORMED OF 100X100 MM DIA 'K' TRAP WITH 110 MM DIA UPVC PIPE EXTENSION PIECE FOR SIDE INLETS.
- FLOOR DRAIN: DRAIN POINTS SHALL BE FORMED OF 75X75 MM DIA UPVC ELBOW WITH 75 MM DIA C.P. GRATING WITH FRAME.
- WASTE PIPES: ALL WASTE PIPE WORK FROM WASH BASINS, SINKS, URINALS AND DRAIN POINTS SHALL BE IN UPVC PIPES AND FITTINGS OF 80G/CM PRESSURE RATING.

LEGEND:

S.NO.	DESCRIPTION	SYMBOL
1.	110 OD UPVC SOL PIPE	○
2.	110 OD UPVC WASTE PIPE	○
3.	DOMESTIC WATER D/N PIPE AS PER DOMESTIC SCHEDULE	○
4.	FLUSHING WATER D/N PIPE AS PER DOMESTIC SCHEDULE	○
5.	110 OD RIVER WATER PIPE	○
6.	25 MM DIA DOMESTIC RISER PIPE	○
7.	25 MM DIA FLUSHING RISER PIPE	○
8.	83 OD BALCONY WASTE PIPE	○
9.	FLOOR TRAP	○
10.	FLOOR DRAIN	○
11.	FLOOR CLEAN OUT TRAP	○
12.	BALCONY Gully POINT	○
13.	FLOOR CLEANOUT FLAP	○
14.	MANHOLE SIZE: 600X900mm	○
15.	CHAMBER SIZE: 450X400mm	○
16.	GULLY TRAP SIZE: 300X300mm	○
17.	SEWER LINE	○
18.	SHOW WATER LINE	○
19.	DOMESTIC WATER SUPPLY LINE	○
20.	FLUSHING WATER SUPPLY LINE	○

PIPE SCHEDULE

S/NO	DESCRIPTION	SIZE
1.	PIPE DIA FROM WC TO HORIZONTAL STACK	110 OD
2.	PIPE DIA FROM FT TO HORIZONTAL STACK	110 OD
3.	PIPE DIA FROM FD TO FT	83 OD
4.	PIPE DIA FROM WB TO FD AND FT	40 OD

AREA CALCULATIONS OF TYPE-'K' PLOT

ITEM	DESCRIPTION	AREA (SQ.MT)
TOTAL PLOT AREA	8.382 X 11.500	96.393
PERMISSIBLE FAR @ 2.64		254.478
PROPOSED FAR @ 2.32		223.296
PERMISSIBLE GROUND COVERAGE @ 75%		72.295
PROPOSED GROUND COVERAGE @ 64.625%		62.294

AREA OF STILT FLOOR

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 ADDITIONS

ITEM	L	X	B	X	FACTOR	X	NO	=	SQ.MT
1	3.132	x	0.900	x	1.0	x	1	=	2.819
2	3.100	x	0.900	x	1.0	x	1	=	2.790
3	8.382	x	6.650	x	1.0	x	1	=	55.740
4	2.100	x	0.450	x	1.0	x	1	=	0.945
TOTAL									62.294

DEDUCTIONS

ITEM	L	X	B	X	FACTOR	X	NO	=	SQ.MT
D1	1.800	x	1.600	x	1.0	x	1	=	2.880
D2	1.900	x	4.100	x	1.0	x	1	=	7.790
TOTAL									10.670

TOTAL FAR AREA = TOTAL ADDITIONS - TOTAL DEDUCTION = 51.624

AREA OF STAIRCASE + LIFT

ITEM	L	X	B	X	FACTOR	X	NO	=	SQ.MT
D1	1.800	x	1.600	x	1.0	x	1	=	2.880
D2	1.900	x	4.100	x	1.0	x	1	=	7.790
TOTAL									10.670

GROUND COVERAGE

ITEM	DESCRIPTION	AREA (SQ.MT)
AREA OF TYPICAL FLOOR + STAIRCASE + LIFT + SHAFT		62.294
TOTAL AREA OF STILT FLOOR		16.800 SQ.M
TOTAL AREA OF FIRST FLOOR		51.624 SQ.M
TOTAL AREA OF SECOND FLOOR		51.624 SQ.M
TOTAL AREA OF THIRD FLOOR		51.624 SQ.M
TOTAL AREA OF FOURTH FLOOR		51.624 SQ.M
TOTAL FAR AREA		223.296 SQ.M

AREA OF MUMTY & MACHINE ROOM

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

ITEM	DESCRIPTION	AREA (SQ.MT)
GROUND COVERAGE - AREA OF STILT		45.494

AREA OF BASEMENT FLOOR

ITEM	L	X	B	X	FACTOR	X	NO	=	SQ.MT
Z	8.382	x	8.000	x	1.0	x	1	=	67.056
TOTAL									67.056

BUILT UP AREA DETAILS

ITEM	DESCRIPTION	AREA (SQ.MT)
TOTAL AREA OF BASEMENT FLOOR		67.056 SQ.M
TOTAL AREA OF STILT FLOOR		62.294 SQ.M
TOTAL FAR AREA OF FIRST FL + STAIRCASE		59.414 SQ.M
TOTAL AREA OF SECOND FLOOR		59.414 SQ.M
TOTAL AREA OF THIRD FLOOR		59.414 SQ.M
TOTAL AREA OF FOURTH FLOOR		59.414 SQ.M
TOTAL AREA OF MUMTY & MACHINE ROOM		12.810 SQ.M
TOTAL BUILT UP AREA		379.817 SQ.M

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

PROJECT:
 PROPOSED BUILDING PLAN OF PLOT NO. K1,K3,K5,K7,K10 & K12 TYPE 'K' MEASURING 96.393 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.

Dr. GYAN SINGH
 B. Tech Hons (Civil Engg.)
 M. Tech Hons (Struct. & FIE)
 Chartered Engineer
 (Reg. No. AM-186967-4)

DRG. NO. - SIG / TYPE - K
 ARCHITECT'S SIGN: MEENAKSHI KHANNA
 CA/89/12359
 Architect
 OWNER'S SIGN

