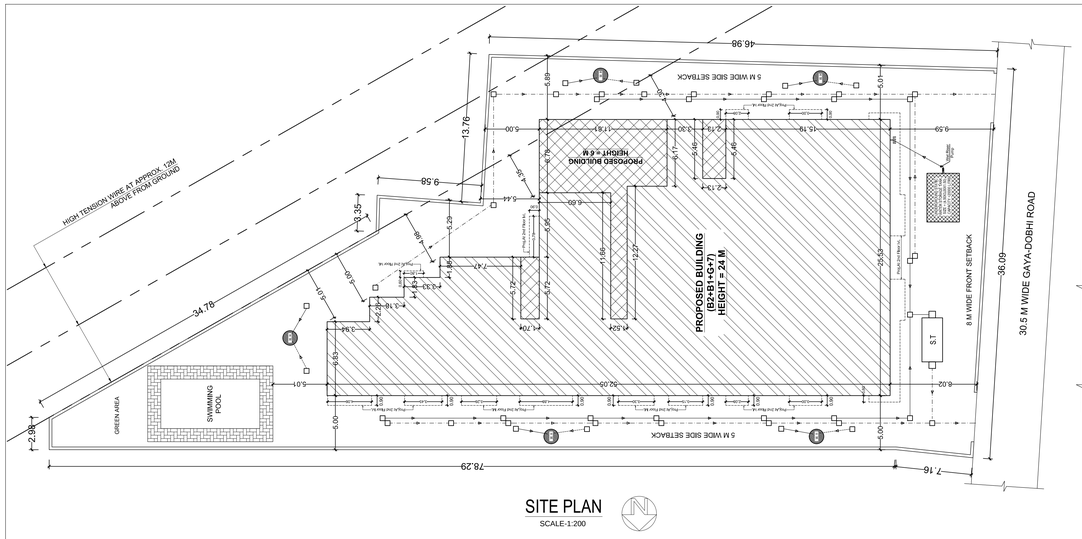
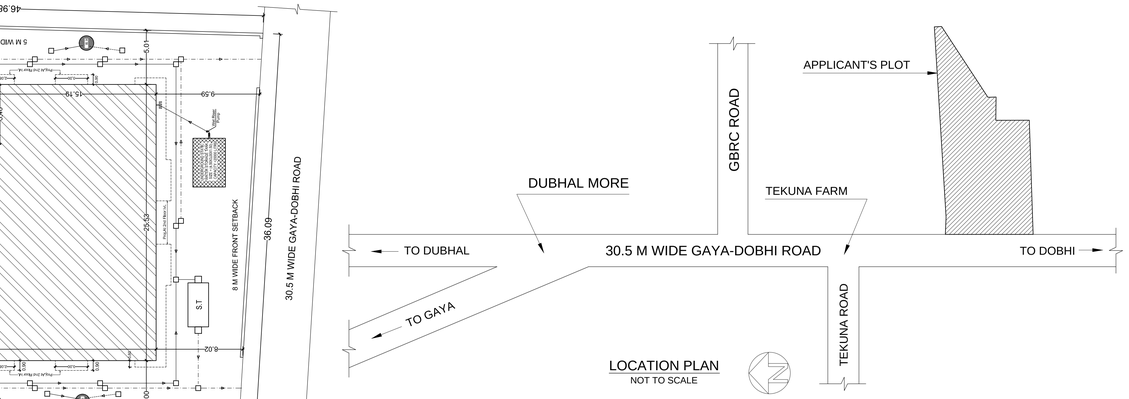


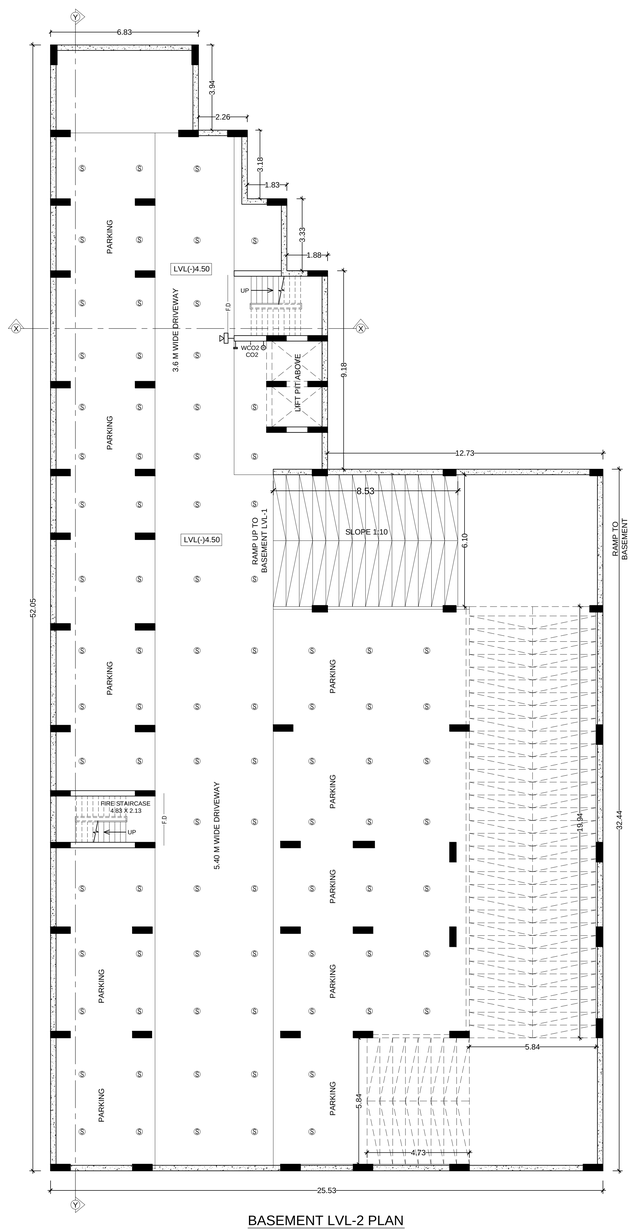
SITE PLAN

SCALE-1:200



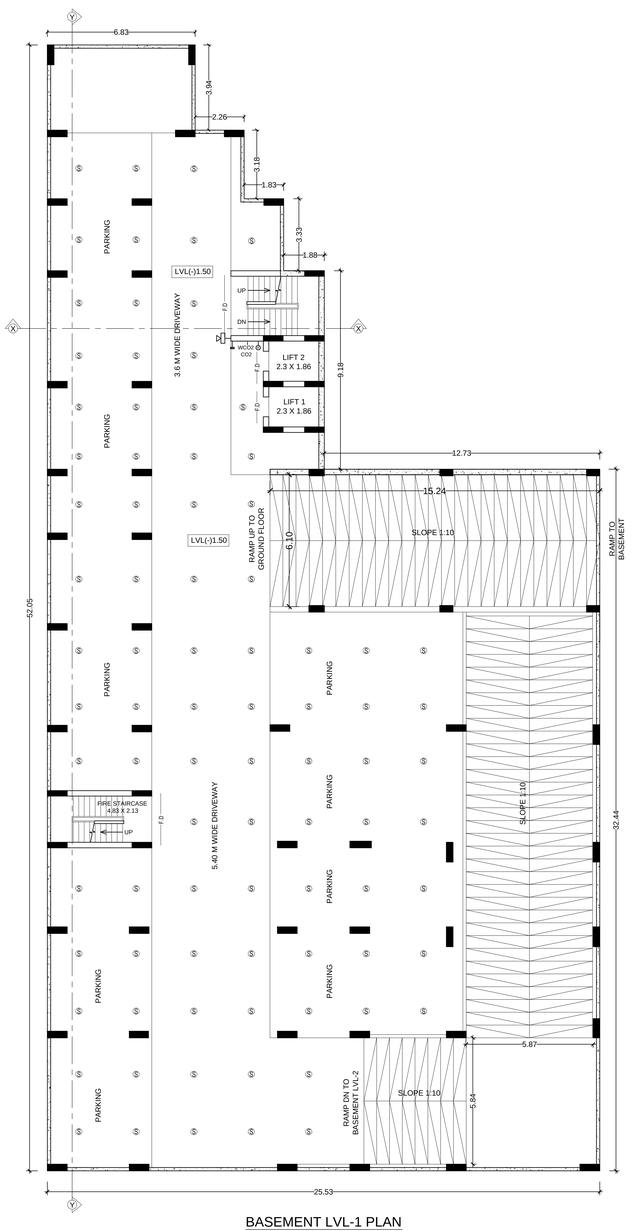
LOCATION PLAN

NOT TO SCALE



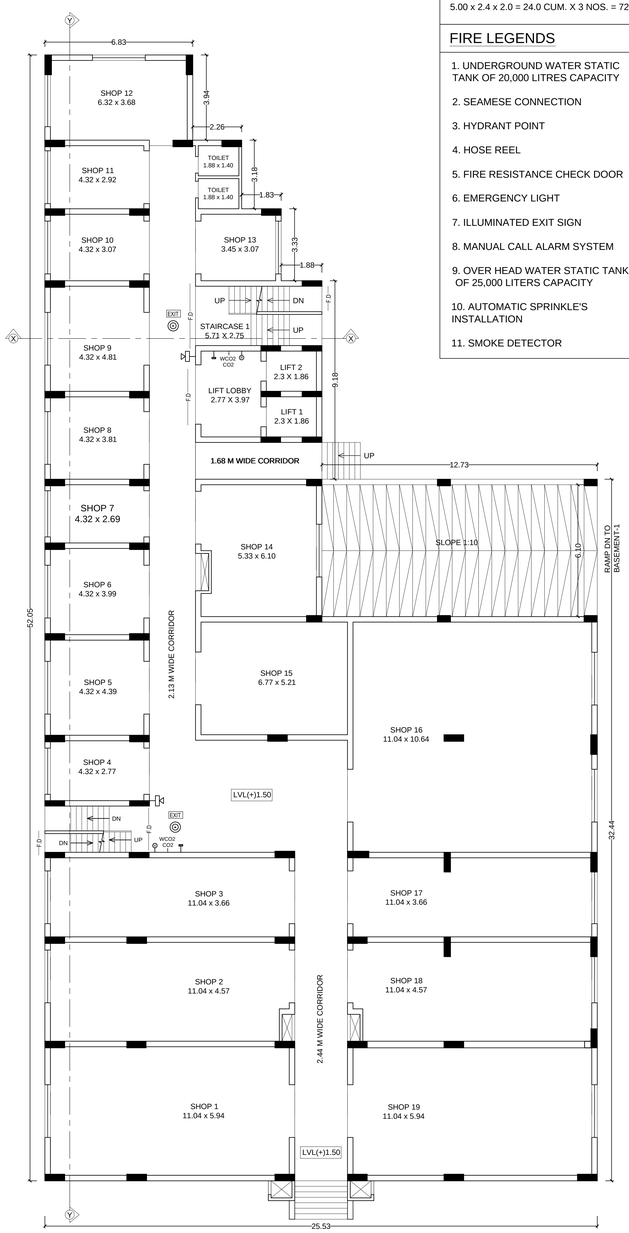
BASEMENT LVL-2 PLAN

(SCALE 1:100)



BASEMENT LVL-1 PLAN

(SCALE 1:100)



GROUND FLOOR PLAN

(SCALE 1:100)

PLANTATION AREA CALCULATION

TOTAL PLOT AREA =2248.42 SQ.Mt
TOTAL REQUIRED PLANTATION AREA @5% OF 2248.42 SQ.Mt
= 112.42 SQ.Mt
TOTAL LANDSCAPING AREA PROVIDED = 112.42 SQ.Mt

WATER TANK CALCULATION

COMMERCIAL
TOTAL NO. OF PERSONS @ 6 PERSON/100 SQM. FOR GROUND FLOOR & 1ST COMMERCIAL= 119
TAKING 20% EXTRA = (119 x 20)/ 100 = 24 PERSONS
TOTAL NO. OF PERSONS = 119 + 24 = 143 PERSONS
WATER REQUIREMENT @ 45LTR/ PERSON
= 45 x 143 = 6435 LTRS

RESIDENTIAL
TOTAL NO. OF FLAT = 72 NOS.
NO. OF PERSON @ 5 PERSON/FLAT = 5 x 72 = 360 PERSONS
TAKING 20% EXTRA = (360 x 20)/ 100 = 72 PERSONS
TOTAL NO. OF PERSONS = 360 + 70 = 432
WATER REQUIREMENT @ 135LTR/ PERSON
= 135 x 432 = 58320 LTRS

FIREFIHTING
25000 LTRS. CAPACITY REQUIRED FOR FIRE FIGHTING

TOTAL WATER REQUIRED = (6435 + 58320 + 25000) LTRS
= 89755 LTRS.
REQUIRED WATER TANK SIZE = 89.76 CUM.

PROVIDED WATER TANK SIZE:
6.25 x 2.75 x 1.50 = 25.78 CUM
4.32 x 2.13 x 1.50 = 13.80 CUM
4.32 x 7.92 x 1.50 = 51.32 CUM

TOTAL PROVIDED = 90.90 CUM.

SEPTIC TANK CALCULATION

TOTAL NOS OF PERSONS = (143+432) PERSONS = 575 PERSONS

REQUIRED@0.112 CUM. / PERSON =575 x 0.112 = 64.04 CUM.

PROVIDED SEPTIC TANK OF SIZE
5.00 x 2.4 x 2.0 = 24.0 CUM. X 3 NOS. = 72.0 CUM.

FIRE LEGENDS

1. UNDERGROUND WATER STATIC TANK OF 20,000 LITRES CAPACITY	--	20,000
2. SEAMESE CONNECTION	--	
3. HYDRANT POINT	--	W
4. HOSE REEL	--	
5. FIRE RESISTANCE CHECK DOOR	--	FD
6. EMERGENCY LIGHT	--	
7. ILLUMINATED EXIT SIGN	--	EXIT
8. MANUAL CALL ALARM SYSTEM	--	
9. OVER HEAD WATER STATIC TANK OF 25,000 LITERS CAPACITY	--	25,000
10. AUTOMATIC SPRINKLE'S INSTALLATION	--	S
11. SMOKE DETECTOR	--	

PROJECT DETAIL

PROPOSED RESIDENTIAL CUM COMMERCIAL BUILDING (APARTMENT) NAMELY "S.K. TOWER" FOR VASTU VASTAYA BUILDER PVT. LTD., DIRECTOR- SRI SATYENDRA KUMAR, S/O RAM BHAJAN PRASAD ON THE LAND PROPERTY OF:

(1) VASTU VASTAYA BUILDER PVT. LTD.,
DIRECTOR SATYENDRA KUMAR
S/O RAM BHAJAN PRASAD

KHATA NO - 92 (NEW), 109 (OLD)
PLOT NO - 1032 (NEW), 732 (OLD)
(AREA=1217.84 sq.m.)
PLOT NO - 1034 (NEW), 732 (OLD)
(AREA=125.84 sq.m.)
PLOT NO - 1035 (NEW), 732 (OLD)
(AREA=146.47 sq.m.)

(2) SHRI PREM SAGAR
S/O SHRI PREM KUMAR

KHATA NO - 117, 92 (NEW), 109 (OLD)
PLOT NO - 1032 (NEW), 732 (OLD)
(AREA = 384.39 sq.m.)
PLOT NO - 1034 (NEW), 732 (OLD)
(AREA = 277.32 sq.m.)
PLOT NO - 1035 (NEW), 732 (OLD)
(AREA = 96.65 sq.m.)

BOUNDARY

EAST - KARM CONSTRUCTION PVT.LTD.
WEST - GAYA DOBHI ROAD
NORTH - PLOT NO. 1031, BUILDING OF SUMITRA DEVI
SOUTH - KARM CONSTRUCTION PVT.LTD.

MAUJA- MASTPURA
THANA - BODHGAYA, THANA NO. 353

AREA CALCULATION

TOTAL PLOT AREA AS PER SITE	=	2248.51 SQ.Mt
BASEMENT-2 BUILT UP AREA	=	26.79 SQ.Mt
BASEMENT-1 BUILT UP AREA	=	38.70 SQ.Mt
GROUND FLOOR BUILT UP AREA (COMMERCIAL)	=	949.29 SQ.Mt
1ST FLOOR BUILT UP AREA (COMMERCIAL)	=	1029.51 SQ.Mt
2ND FLOOR BUILT UP AREA	=	928.50 SQ.Mt
3RD FLOOR BUILT UP AREA	=	928.50 SQ.Mt
4TH FLOOR BUILT UP AREA	=	928.50 SQ.Mt
5TH FLOOR BUILT UP AREA	=	928.50 SQ.Mt
6TH FLOOR BUILT UP AREA	=	928.50 SQ.Mt
7TH FLOOR BUILT UP AREA	=	928.50 SQ.Mt
TOTAL BUILT UP AREA	=	7615.29 SQ.Mt

F.A.R. = 7615.29 SQ.Mt / 2248.51 SQ.Mt = 3.39
F.A.R. = 3.39

COMMERCIAL BUILT- UP AREA = 1978.80 SQ.Mt
RESIDENTIAL BUILT- UP AREA = 5636.49 SQ.Mt

PARKING AREA CALCULATION

TOTAL BUILT UP AREA =7767.75 SQ.Mt
TOTAL REQUIRED PARKING AREA @ 30% OF 1978.80 + 25% of 5636.49 SQ.Mt =
= (593.64 + 1409.12) SQ.Mt = 2002.76 SQ.Mt.

TOTAL PARKING AREA:		
BASEMENT-1 PARKING AREA	=	1011.31 SQ.Mt
BASEMENT-2 PARKING AREA	=	999.40 SQ.Mt
TOTAL PARKING AREA PROVIDED	=	2010.71 SQ.Mt

ALL DIMENSION ARE IN METRE

SCALE :-	NORTH :-	DRG. NO :-
1:100 1:200		01/03

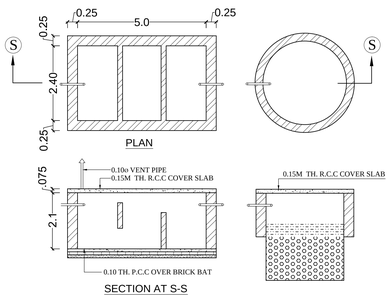
SIGNATURE OF LAND OWNERS

SIGNATURE OF BUILDER /DEVELOPER

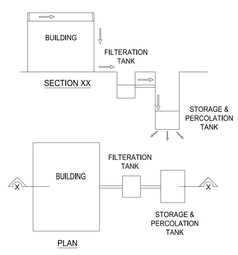
SIGNATURE OF STRUCTURE ENGINEER

SIGNATURE OF TECHNICAL PERSON

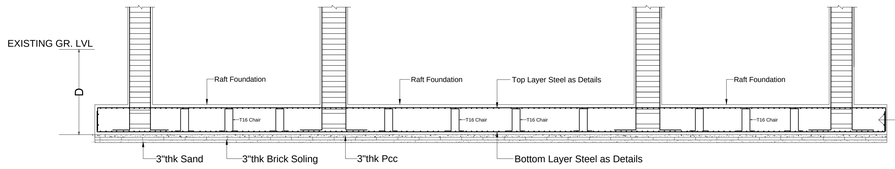
SIGNATURE OF PASSING AUTHORITY



DETAIL OF SEPTIC TANK & SOAKPIT
(NOT TO SCALE)



DETAIL OF WATER HARVESTING SYSTEM
(NOT TO SCALE)

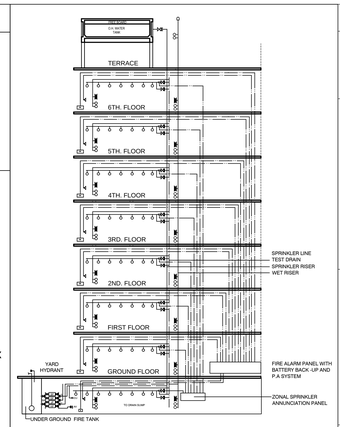


RAFT FOUNDATION TYPICAL SECTION
NOT TO SCALE

LEGEND

HP- HYDRANT PUMP/ MAIN ELECTRIC PUMP
JP- JOCKY PUMP
DP- DIESEL PUMP
SP-SPRINKLER PUMP
SH-SUCTION HEADER
DH-DELIVERY HEADER
R-PIPE TO RISER
Y-PIPE TO YARD HYDRANT
S-PIPE TO SPRINKLER SYSTEM
AV-AIR VESSEL
ICU-INSTALLATION CONTROL VALVE

- HOSE REEL
- AIR RELESE VALVE
- AIR CUSHION TANK
- SLUICE VALVE
- NON- RETURN VALVE
- FLOW SWITCH
- SPRINKLER HEAD
- CABLE CONDUIT FOR HOTTER
- CABLE CONDUIT FOR MANUAL CALL BOX
- HOTTER
- MANUAL CALL BOX
- FIRE BRIDGE INLET TANK FILLING
- FIRE BRIDGE DRAW FROM TANK



TYPICAL ARRANGEMENT OF WET RISER AND TOTAL SPRINKLER SYSTEM

FIRE LEGENDS

1. UNDERGROUND WATER STATIC TANK OF 20,000 LITRES CAPACITY	--	20,000
2. SEAMESE CONNECTION	--	
3. HYDRANT POINT	--	W
4. HOSE REEL	--	
5. FIRE RESISTANCE CHECK DOOR	--	FD
6. EMERGENCY LIGHT	--	
7. ILLUMINATED EXIT SIGN	--	EXIT
8. MANUAL CALL ALARM SYSTEM	--	
9. OVER HEAD WATER STATIC TANK OF 25,000 LITERS CAPACITY	--	25,000
10. AUTOMATIC SPRINKLE'S INSTALLATION	--	S
11. SMOKE DETECTOR	--	

PROJECT DETAIL

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S/O RAM BHAJAN PRASAD

KHATA NO - 92 (NEW), 109 (OLD)
PLOT NO - 1032 (NEW), 732 (OLD)
(AREA=1217.84 sq.m.)
PLOT NO - 1034 (NEW), 732 (OLD)
(AREA=125.83 sq.m.)
PLOT NO - 1035 (NEW), 732 (OLD)
(AREA=146.46 sq.m.)

BOUNDARY

EAST - KARM CONSTRUCTION PVT.LTD.
WEST - GAYA DOBHI ROAD
NORTH - PLOT NO. 1031, BUILDING OF SUMITRA DEVI
SOUTH - KARM CONSTRUCTION PVT.LTD.

(2) SHRI PREM SAGAR
S/O SHRI PREM KUMAR

KHATA NO - 117, 92 (NEW), 109 (OLD)
PLOT NO - 1032 (NEW), 732 (OLD)
(AREA = 384.38 sq.m.)
PLOT NO - 1034 (NEW), 732 (OLD)
(AREA = 277.32 sq.m.)
PLOT NO - 1035 (NEW), 732 (OLD)
(AREA = 96.66 sq.m.)

MAUJA- MASTPURA
THANA - BODHGAYA, THANA NO. 353

SCHEDULE OF DOORS & WINDOWS

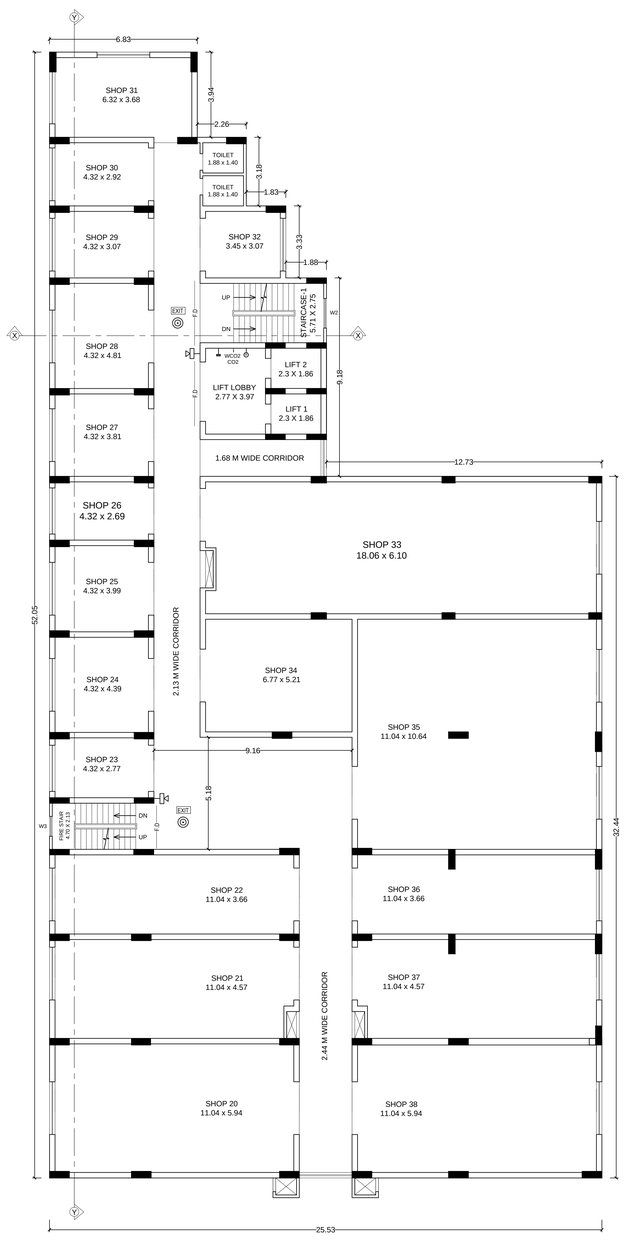
TYPE	WIDTH	HEIGHT	SILL	LINTEL	DESCRIPTION
D	1.07	2.54	0.0	2.54	AS/SPECIFICATION
D1	0.99	2.13	0.0	2.13	---------DO---------
D2	0.91	2.13	0.0	2.13	---------DO---------
D3	0.76	2.13	0.0	2.13	---------DO---------
W	1.50	1.63	0.91	2.54	---------DO---------
W1	1.37	1.63	0.91	2.54	---------DO---------
W2	1.22	1.63	0.91	2.54	---------DO---------
W3	0.91	1.63	0.91	2.54	---------DO---------
W4	0.91	1.47	1.07	2.54	---------DO---------
W5	0.61	1.17	1.37	2.54	---------DO---------
DW	0.76,1.52	2.54,1.63	0.0,0.91	2.54	---------DO---------
DW1	0.76,0.91	2.54,1.63	0.0,0.91	2.54	---------DO---------
DW2	0.76,0.76	2.54,1.63	0.0,0.91	2.54	---------DO---------
R.S	2.59	2.54	0.0	2.54	---------DO---------

ALL DIMENSION ARE IN METRE

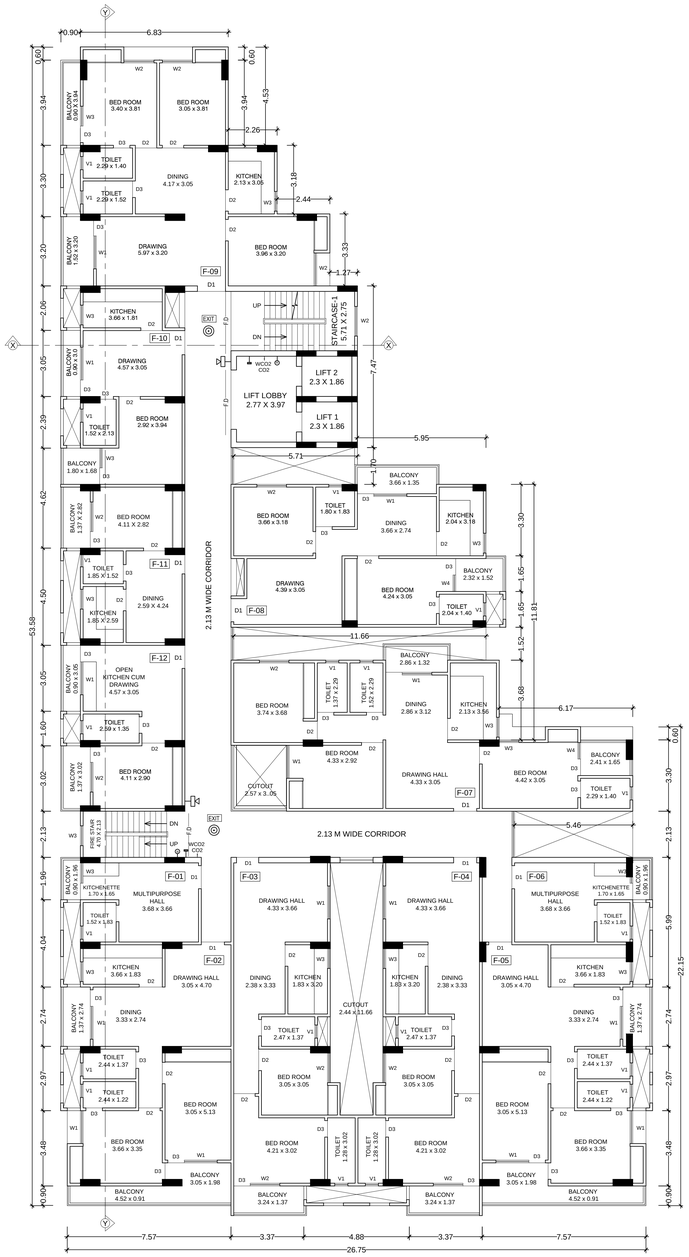
SCALE :-
1:100
1:200

NORTH :-

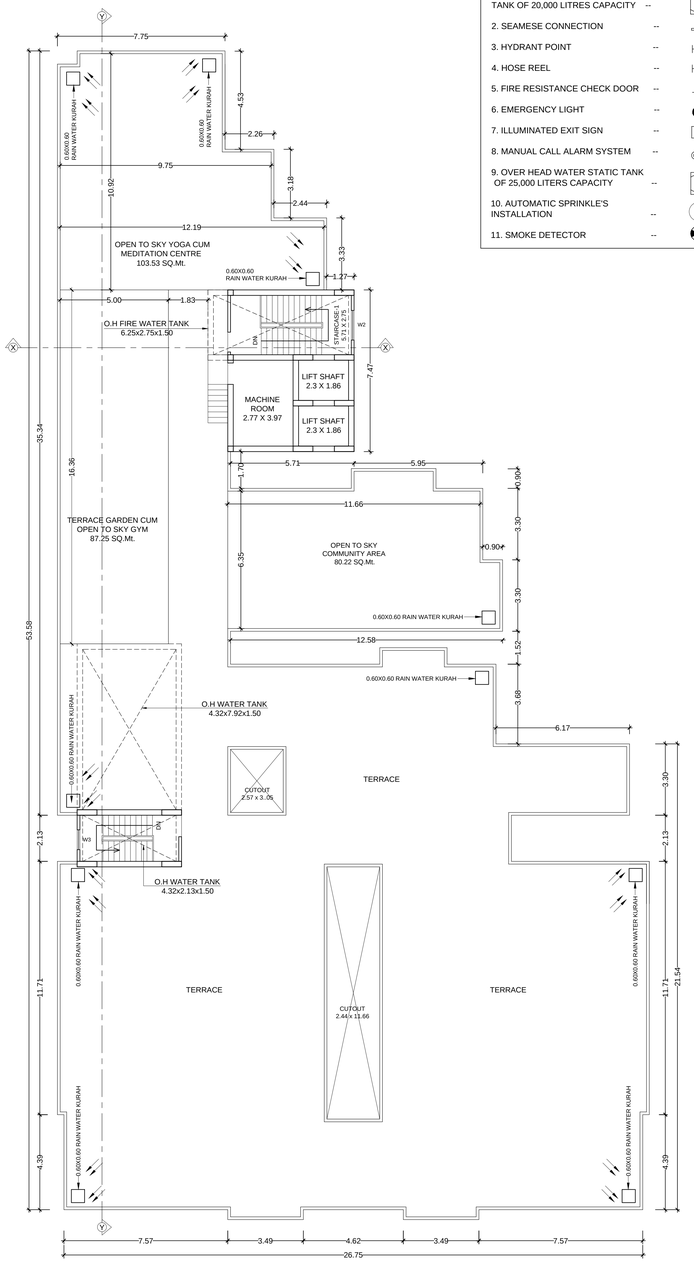
DRG. NO :-
02/03



FIRST FLOOR PLAN
(SCALE 1:100)



2ND TO 7TH FLOOR PLAN
(SCALE 1:100)



TERRACE PLAN
(SCALE 1:100)

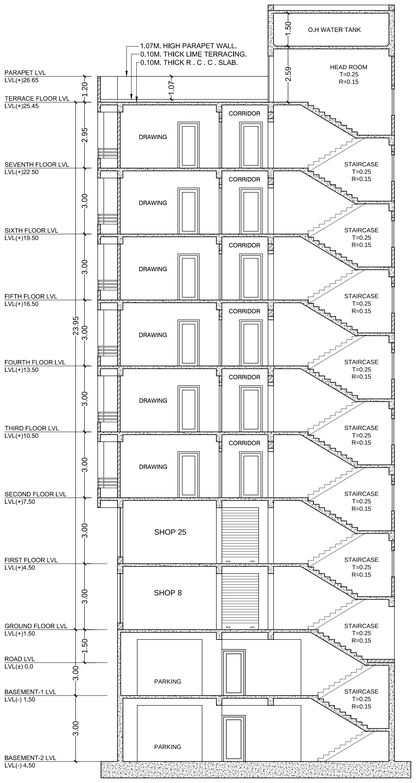
SIGNATURE OF LAND OWNERS

SIGNATURE OF BUILDER /DEVELOPER

SIGNATURE OF STRUCTURE ENGINEER

SIGNATURE OF TECHNICAL PERSON

SIGNATURE OF PASSING AUTHORITY



SECTION 'X-X'
(SCALE 1:100)



SECTION 'Y-Y'
(SCALE 1:100)



FRONT ELEVATION
(SCALE 1:100)

LEFT SIDE ELEVATION
(SCALE 1:100)

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TYPE	WIDTH	HEIGHT	SILL	LINTEL	DESCRIPTION
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D3	0.76	2.13	0.0	2.13	---------DO---------
W	1.50	1.63	0.91	2.54	---------DO---------
W1	1.37	1.63	0.91	2.54	---------DO---------
W2	1.22	1.63	0.91	2.54	---------DO---------
W3	0.91	1.63	0.91	2.54	---------DO---------
W4	0.91	1.47	1.07	2.54	---------DO---------
W5	0.61	1.17	1.37	2.54	---------DO---------
DW	0.76,1.52	2.54,1.63	0.0,0.91	2.54	---------DO---------
DW1	0.76,0.91	2.54,1.63	0.0,0.91	2.54	---------DO---------
DW2	0.76,0.76	2.54,1.63	0.0,0.91	2.54	---------DO---------
R.S	2.59	2.54	0.0	2.54	---------DO---------

SPECIFICATION

1. FOUNDATION	--	AS PER DETAIL.
2. FLOOR	--	25 MM TH. FLOOR FINISH WITH GREY MOSAIC.
3. D.P.C	--	25 MM TH. D.P.C. AT PLINTH LEVEL .
4. LINTEL	--	150 MM TH. R.C.C LINTEL IN CEM CONCRETE (1:2:4)
5. ROOF	--	100 MM TH. R.C.C. ROOF SLAB IN C.C. (1:2:4).
6. SUPER STRUCTURE	--	R.C.C FRAME STRUCTURE WITH IN FILL1st CLASS BRICK WORK (250mm,125mm TH) IN CM(1:6)
7. DOOR	--	COMMERCIAL FLUSH DOOR WITH ANGLE IRON FRAME.
8. PLASTER	--	12 MM TH. CEM PLASTER IN CM (1:6) INTERNAL & EXTERNAL SURFACES OF THE WALL FOR CEILING (1:4) .
9. WINDOW & VENTILATOR	--	STEEL ASEMENT WITH FULLY GLAZED.
10. SEWERAGE	--	THROUGH SEPTIC TANK.
11. ELECTRICAL	--	CONCEALED WIRING WITH COPPER CONDUCTOR.
12. WATER SUPPLY	--	THROUGH BORE WELL & O.H. WATER TANK.
13. INTERNAL FINISHING	--	OIL BOND DISTEMPER OVER POP.
14. EXTERNAL FINISHING	--	CEMENT BASED PAINTS.

ALL DIMENSION ARE IN METRE

SCALE :-	NORTH :-	DRG. NO :-
1:100 1:200		03/03

SIGNATURE OF LAND OWNERS

SIGNATURE OF BUILDER /DEVELOPER

SIGNATURE OF STRUCTURE ENGINEER

SIGNATURE OF TECHNICAL PERSON

SIGNATURE OF PASSING AUTHORITY