

**GREEN AREA CALCULATION :-**

Total Net Plot Area = 5302.93 sq.m.  
 Green Space Area %Reqd = 5302.93 x 10% = 530.29 sq.m.  
 Total Provided Green Space = 530.29 sq.m.

**PARKING CALCULATION:-**

**PROPOSED RESIDENTIAL PARKING**  
 CAR PARKING FOR = 25%  
 GROSS CAR PARKING = 1324.83 X 25% = 3312.08 sq.m.  
 REQUIRED TOTAL CAR PARKING AREA = 3312.08 sq.m.  
**TOTAL PARKING AREA**  
 GROUND FLOOR PARKING AREA = 1453.48 sq.m.  
 TOTAL OPEN PARKING AREA = 1845.43  
**TOTAL PROVIDED PARKING CAPACITY = 1453.48 + 1845.43 = 3338.91 sq.m.**

**BOUNDARY:-**

NORTH - RAJ KISHORE SINGH  
 SOUTH - RASTA & SANJAY KUMAR SINGH  
 EAST - CHANDRASHEKHAR APARTMENT & MAIN ROAD  
 WEST - GOPAL SARAN SINGH

**RAIN WATER HARVESTING CALCULATION:-**

**BLOCK - B, C & D**  
 REQUIRED 6 cum RECHARGING PIT/ TRENCH VOLUME PER 100 SQM OF TERRACE AREA  
 SO, TERRACE AREA = 1588.01 SQM  
 NEEDED VOLUME OF RECHARGING PIT = (1588.01/100) X 6 = 95.18 CUM  
 PROVIDED VOLUME OF RECHARGING PIT =  
 1). 6.00 X 3.00 X 3.30 = 54 CUM  
 2). 6.00 X 3.00 X 3.00 = 54 CUM

**WATER TANK CALCULATION:-**

**PROPOSED RESIDENTIAL WATER TANK**  
**BLOCK - B**  
 TOTAL NO. OF FLAT = 54 NOS.  
 EACH FLAT HAVING 5 PERSON  
 TOTAL NO. OF PERSON = 54 X 5 = 270 PERSON  
 PER PERSON REQD. AREA = 135 ltr/day  
 TOTAL REQD. AREA OF WATER TANK = 270 X 135 = 36450 ltr  
 FIRE WATER TANK = 25000.0 ltr.  
 TOTAL REQD. AREA OF WATER TANK = (R+F)(36450+25000) = 61450 ltr.  
 PROVIDED AREA OF WATER TANK SIZE =  
 1). 8.23x2.29x2.50+0.15x1000 = 43824 LTRS.  
 2). 2.13x3.63x2.50+0.15x1000 = 19329 LTRS.  
 TOTAL PROVIDED WATER TANK CAPACITY = 63154 LTRS.

**BLOCK - D**  
 TOTAL NO. OF FLAT = 24 NOS.  
 EACH FLAT HAVING 5 PERSON  
 TOTAL NO. OF PERSON = 24 X 5 = 120 PERSON  
 PER PERSON REQD. AREA = 135 ltr/day  
 TOTAL REQD. AREA OF WATER TANK = 120 X 135 = 16200 ltr  
 FIRE WATER TANK = 25000.0 ltr.  
 TOTAL REQD. AREA OF WATER TANK = (R+F)(16200+25000) = 41200 ltr.  
 PROVIDED AREA OF WATER TANK SIZE =  
 1). 3.05x2.37x2.10+0.15x1000 = 15179 LTRS.  
 4). 4.51x3.05x2.10+0.15x1000 = 28888 LTRS.  
 TOTAL PROVIDED WATER TANK CAPACITY = 44065 LTRS.

**AMNITIES BLOCK G+2**

**WATER TANK CALCULATION:-**  
 TOTAL NO. OF FLAT = 3 NOS.  
 EACH FLAT HAVING 5 PERSON  
 TOTAL NO. OF PERSON = 3 X 5 = 15 PERSON  
 PER PERSON REQD. AREA = 135 ltr/day  
 TOTAL REQD. AREA OF WATER TANK = 15 X 135 = 2025 ltr  
 FIRE WATER TANK = 10000 ltr.  
 TOTAL REQD. AREA OF WATER TANK = (R+F)(2025+10000) = 41200 ltr.  
 PROVIDED AREA OF WATER TANK SIZE =  
 1). 4.00x2.13x1.5+0.15x1000 = 12780 LTRS.  
 TOTAL PROVIDED WATER TANK CAPACITY = 12780 LTRS.

**SEPTIC TANK**  
 TOTAL NO. OF FLAT = 03 NOS.  
 EACH FLAT HAVING 5 PERSON  
 TOTAL NO. OF PERSON = 03 X 5 = 15 PERSON  
 PER PERSON REQD. AREA = 0.085qb.m./day  
 TOTAL REQD. AREA OF SEPTIC TANK = 15x0.085 = 1.27 qb.m.  
 TOTAL REQD. OF SEPTIC TANK = 1.27 qb.m.  
 AREA OF SEPTIC TANK SIZE = 3.00x2.00 X 2.00 = 12.00 qb.m.  
 TOTAL PROVIDE AREA OF SEPTIC TANK = 12.00 qb.m.

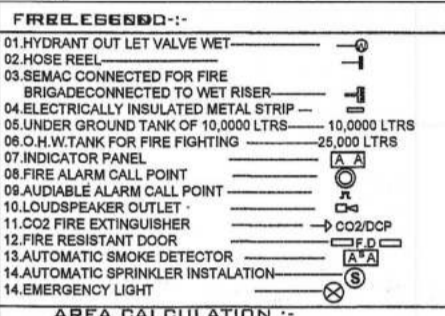
**SEPTIC TANK CALCULATION:-**

**PROPOSED RESIDENTIAL SEPTIC TANK**  
**BLOCK - B**  
 TOTAL NO. OF FLAT = 54 NOS.  
 EACH FLAT HAVING 5 PERSON  
 TOTAL NO. OF PERSON = 54 X 5 = 270 PERSON  
 PER PERSON REQD. AREA = 0.085qb.m./day  
 TOTAL REQD. AREA OF SEPTIC TANK = 270x0.085 = 22.95 qb.m.  
 TOTAL REQD. OF SEPTIC TANK = 22.95 qb.m.  
 AREA OF SEPTIC TANK SIZE = 4.50x2.13 X 2.50 = 23.95 qb.m.  
 TOTAL PROVIDE AREA OF SEPTIC TANK = 23.95 qb.m.

**BLOCK - C**  
 TOTAL NO. OF FLAT = 36 NOS.  
 EACH FLAT HAVING 5 PERSON  
 TOTAL NO. OF PERSON = 36 X 5 = 180 PERSON  
 PER PERSON REQD. AREA = 0.085qb.m./day  
 TOTAL REQD. AREA OF SEPTIC TANK = 180x0.085 = 15.3 qb.m.  
 TOTAL REQD. OF SEPTIC TANK = 15.3 qb.m.  
 AREA OF SEPTIC TANK SIZE = 4.00x2.00 X 2.13 = 17.4 qb.m.  
 TOTAL PROVIDE AREA OF SEPTIC TANK = 17.4 qb.m.

**BLOCK - D**  
 TOTAL NO. OF FLAT = 24 NOS.  
 EACH FLAT HAVING 5 PERSON  
 TOTAL NO. OF PERSON = 24 X 5 = 120 PERSON  
 PER PERSON REQD. AREA = 0.085qb.m./day  
 TOTAL REQD. AREA OF SEPTIC TANK = 120x0.085 = 10.2 qb.m.  
 TOTAL REQD. OF SEPTIC TANK = 10.2 qb.m.  
 AREA OF SEPTIC TANK SIZE = 3.00x2.00 X 2.00 = 12.00 qb.m.  
 TOTAL PROVIDE AREA OF SEPTIC TANK = 12.00 qb.m.

**BLOCK - C**  
 TOTAL NO. OF FLAT = 36 NOS.  
 EACH FLAT HAVING 5 PERSON  
 TOTAL NO. OF PERSON = 36 X 5 = 180 PERSON  
 PER PERSON REQD. AREA = 135 ltr/day  
 TOTAL REQD. AREA OF WATER TANK = 180 X 135 = 24300 ltr  
 FIRE WATER TANK = 25000.0 ltr.  
 TOTAL REQD. AREA OF WATER TANK = (R+F)(24300+25000) = 49300 ltr.  
 PROVIDED AREA OF WATER TANK SIZE =  
 1). 8.23x2.29x2.50+0.15x1000 = 43824 LTRS.  
 2). 2.13x3.63x2.50+0.15x1000 = 19329 LTRS.  
 TOTAL PROVIDED WATER TANK CAPACITY = 60499 LTRS.



**AREA CALCULATION :-**

**PLOT-A (1578.47 SQ.M.)**  
**PLOT-B (3724.46 SQ.M.)**  
**NET.PLOT AREA = 5302.93 SQ.M.**  
**TOTAL BU AREA ALL FLOOR = 13248.35 sq.m.**  
**F.A.R. = 100% BU AREA = 13248.35/5302.93 = 2.49**

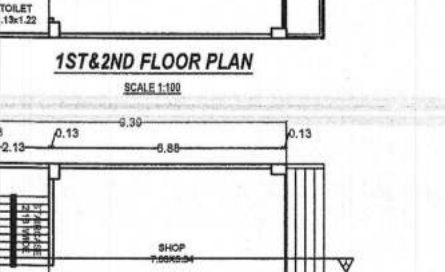
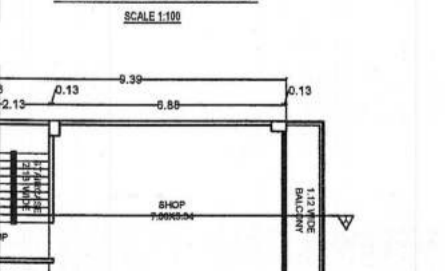
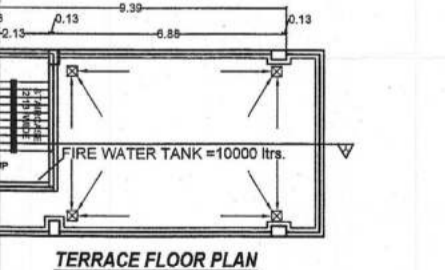
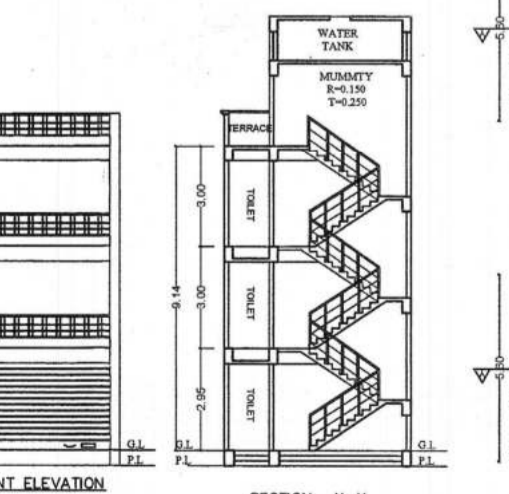
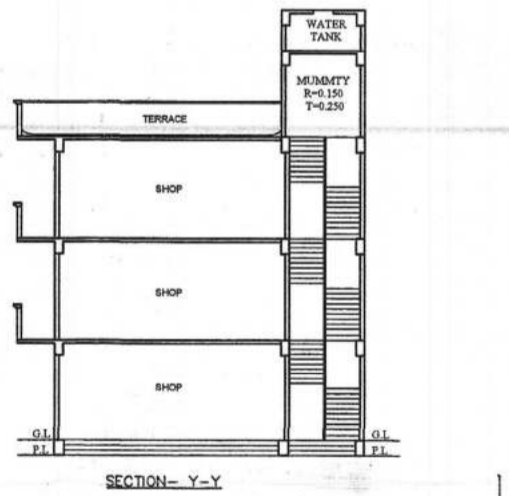
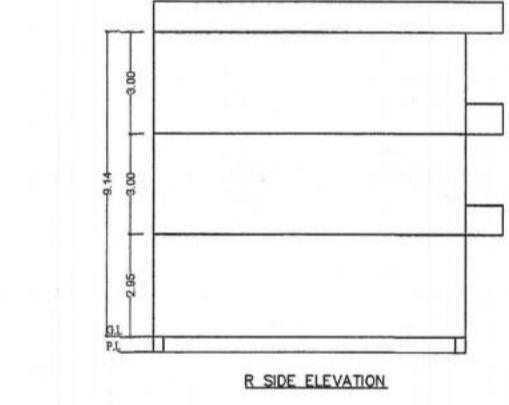
Block	Floor	BU Area (sq.m.)
BLOCK A (EXISTING BUILDING)	GROUND FLOOR BU AREA	55.80
	1ST. FLOOR BU AREA	756.00
	2ND. FLOOR BU AREA	756.00
	3RD. FLOOR BU AREA	756.00
	4TH. FLOOR BU AREA	756.00
BLOCK B (PROPOSED BUILDING)	GROUND FLOOR BU AREA	36.59
	1ST. FLOOR BU AREA	720.83
	2ND. FLOOR BU AREA	720.83
	3RD. FLOOR BU AREA	720.83
	4TH. FLOOR BU AREA	720.83
BLOCK C (PROPOSED BUILDING)	GROUND FLOOR BU AREA	28.19
	1ST. FLOOR BU AREA	473.66
	2ND. FLOOR BU AREA	473.66
	3RD. FLOOR BU AREA	473.66
	4TH. FLOOR BU AREA	473.66
BLOCK D (PROPOSED BUILDING)	GROUND FLOOR BU AREA	30.62
	1ST. FLOOR BU AREA	330.13
	2ND. FLOOR BU AREA	330.13
	3RD. FLOOR BU AREA	330.13
	4TH. FLOOR BU AREA	330.13
AMNITIES BLOCK G+2	GROUND FLOOR BU AREA	52.87
	1ST. FLOOR BU AREA	58.83

**PLAT DETAILS :-**

**PROPOSED G+4 (BLOCK B, C, D & Amnities Block)**  
 RESIDENTIAL BUILDINGS  
 OF DEVELOPERS:  
 SRI - BRU KISHORE MISHRA,  
 S/O - SRI - HARIRAM MISHRA,  
 OPPOSITE S.S.P RESIDENCE, P.S. RAMPUR DIST-GAYA.

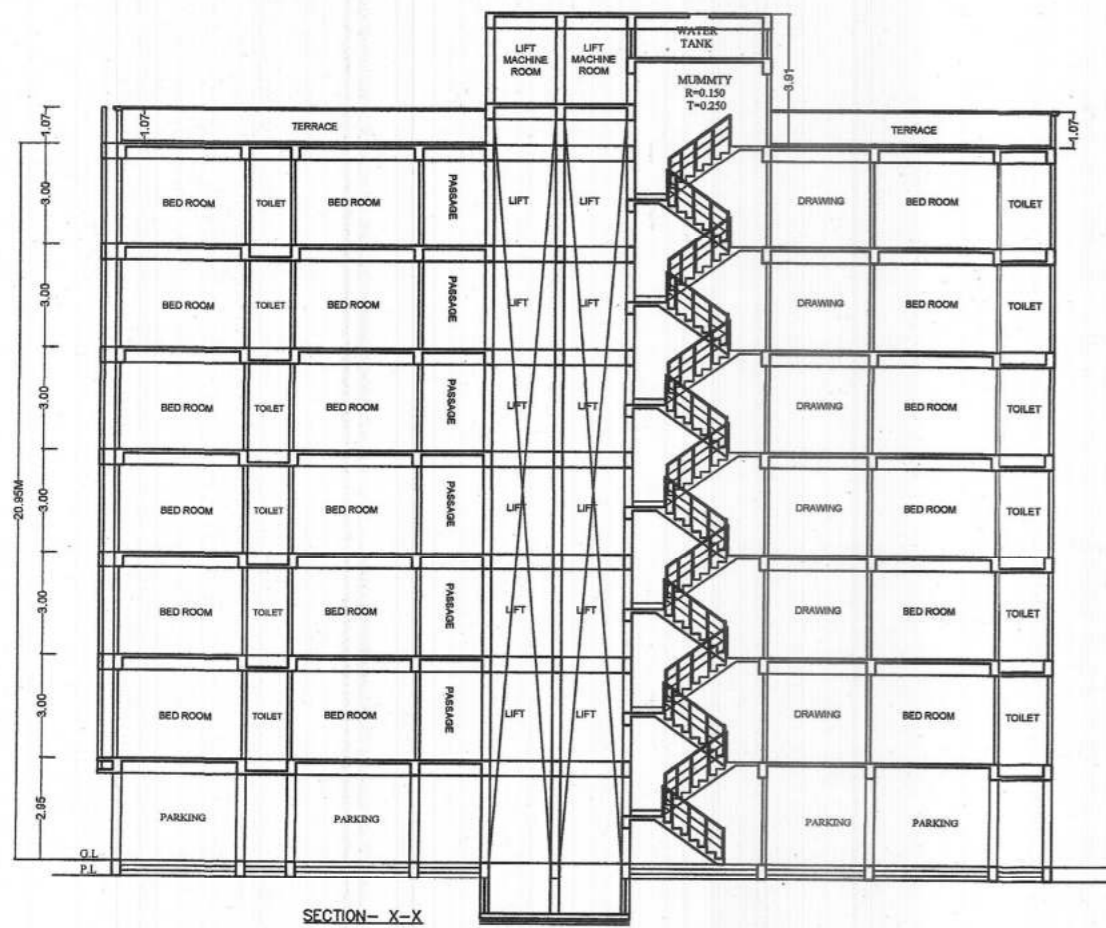
**ESTIMATED COST**  
 11787.46X100 = 1178746.00  
 1% LABOUR CHRG = 117874.60  
 1ST YEAR = 430711.10  
 2ND YEAR = 430711.10  
 3RD YEAR = 430711.10  
 TOTAL = 1291127.30  
 EST. COST OF EXISTING BUILDING  
 CASE NO. 345/15-18  
 DATE: 20-07-2018

**SIGNATURE OF OWNER**  
**SIGNATURE OF ARCHITECT**

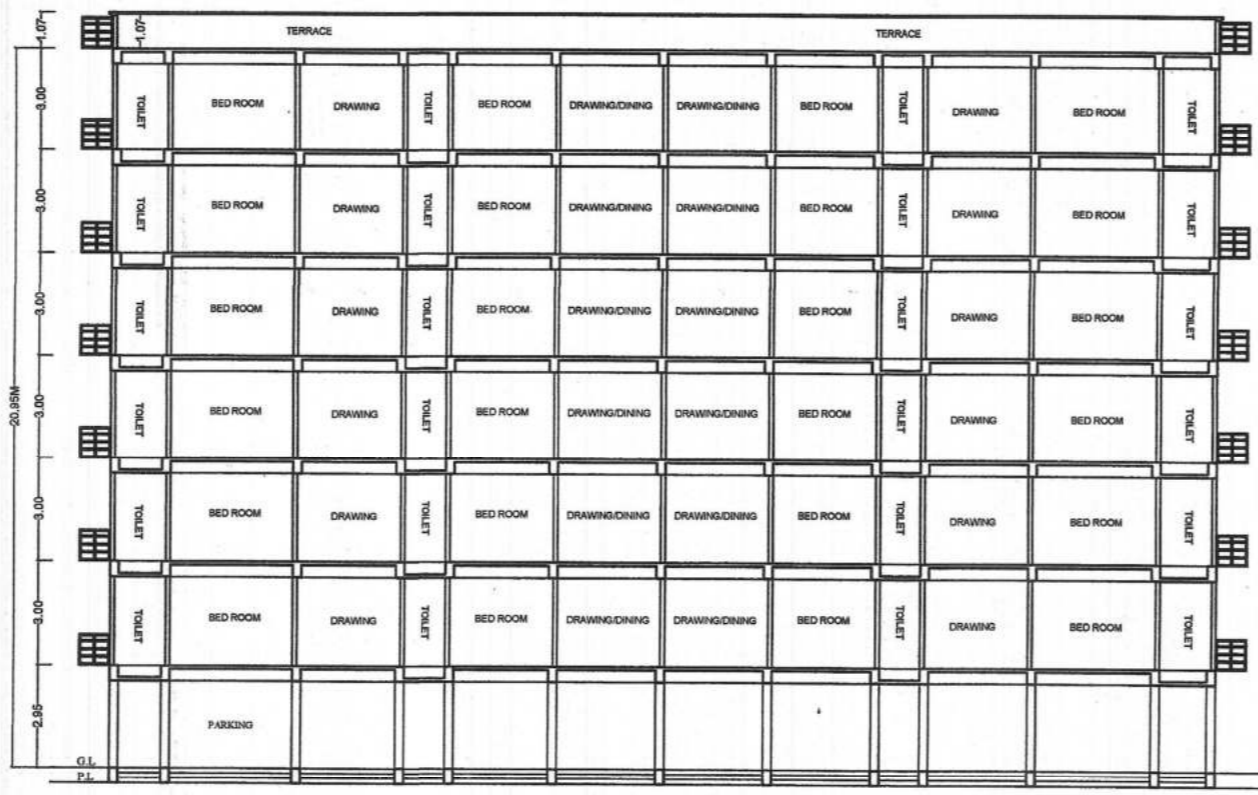


**SITE PLAN**  
 SCALE 1:200  
 60'0" WIDE ROAD

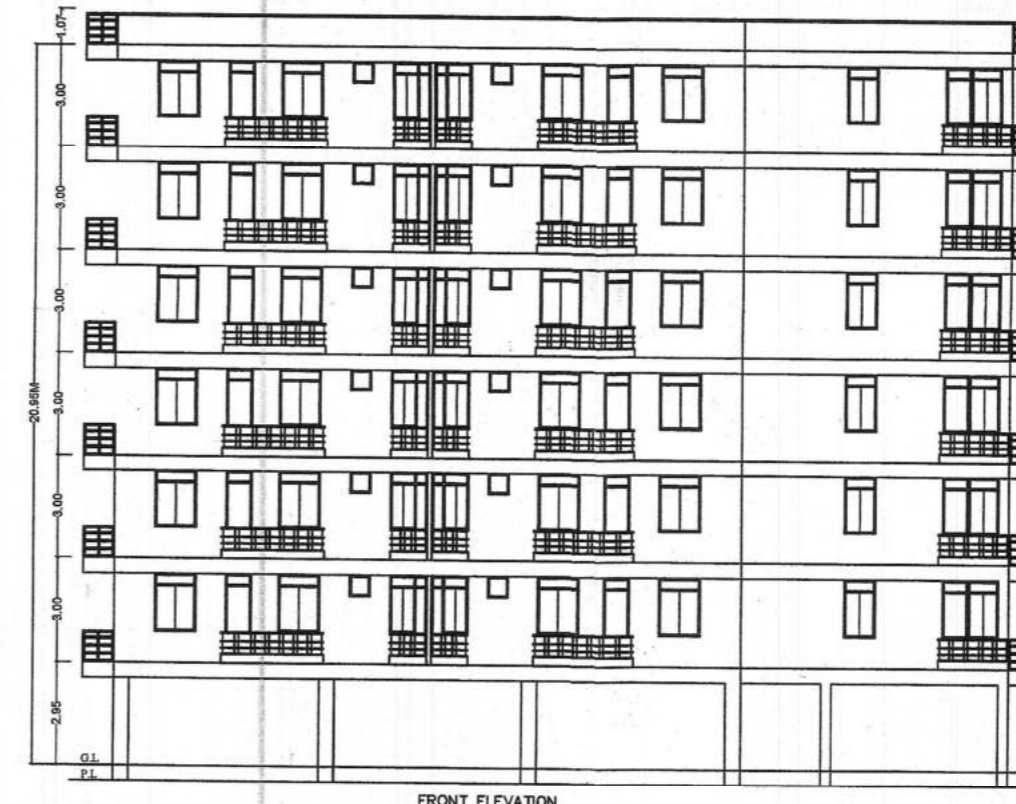




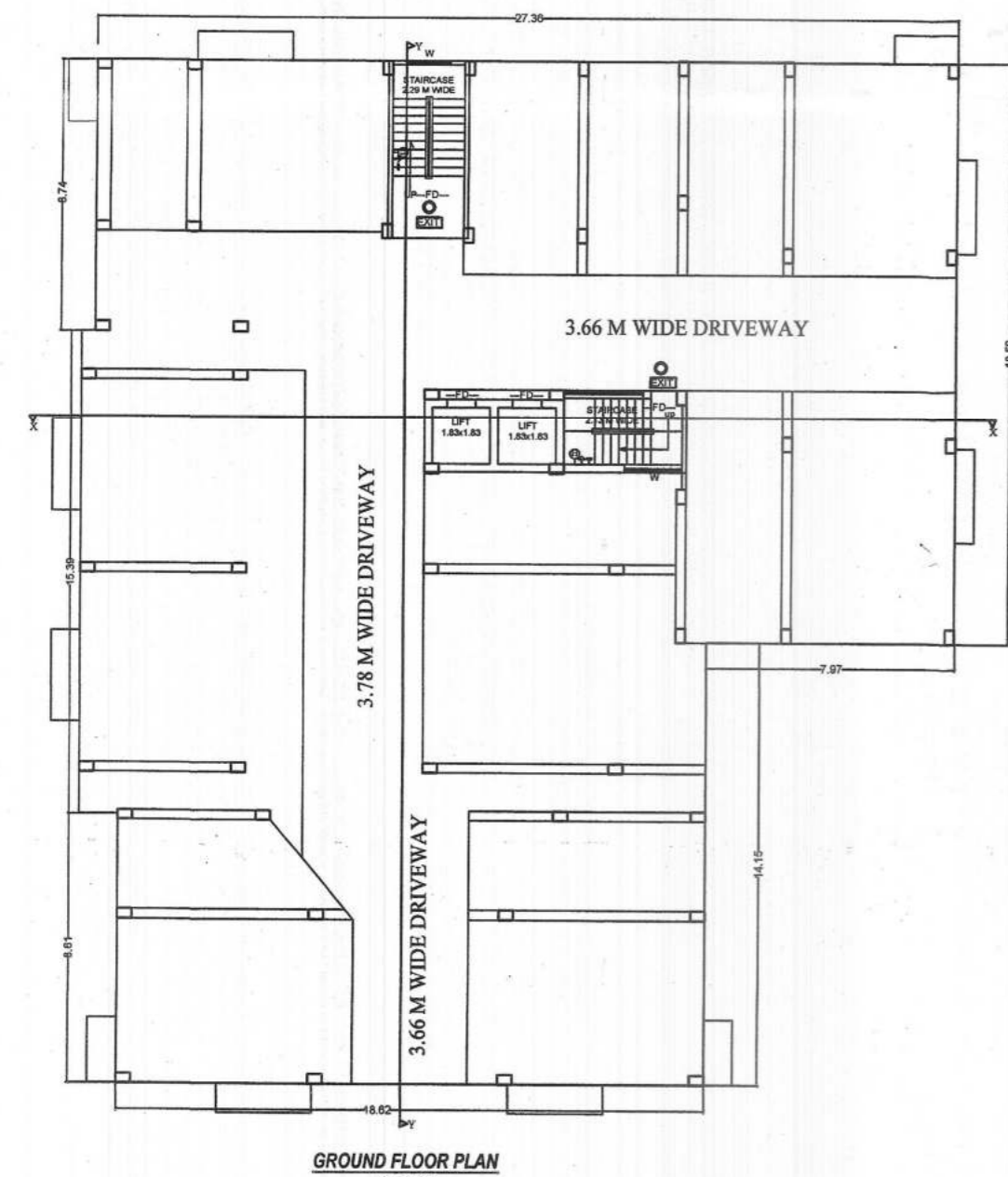
SECTION - X-X



SECTION - X-X

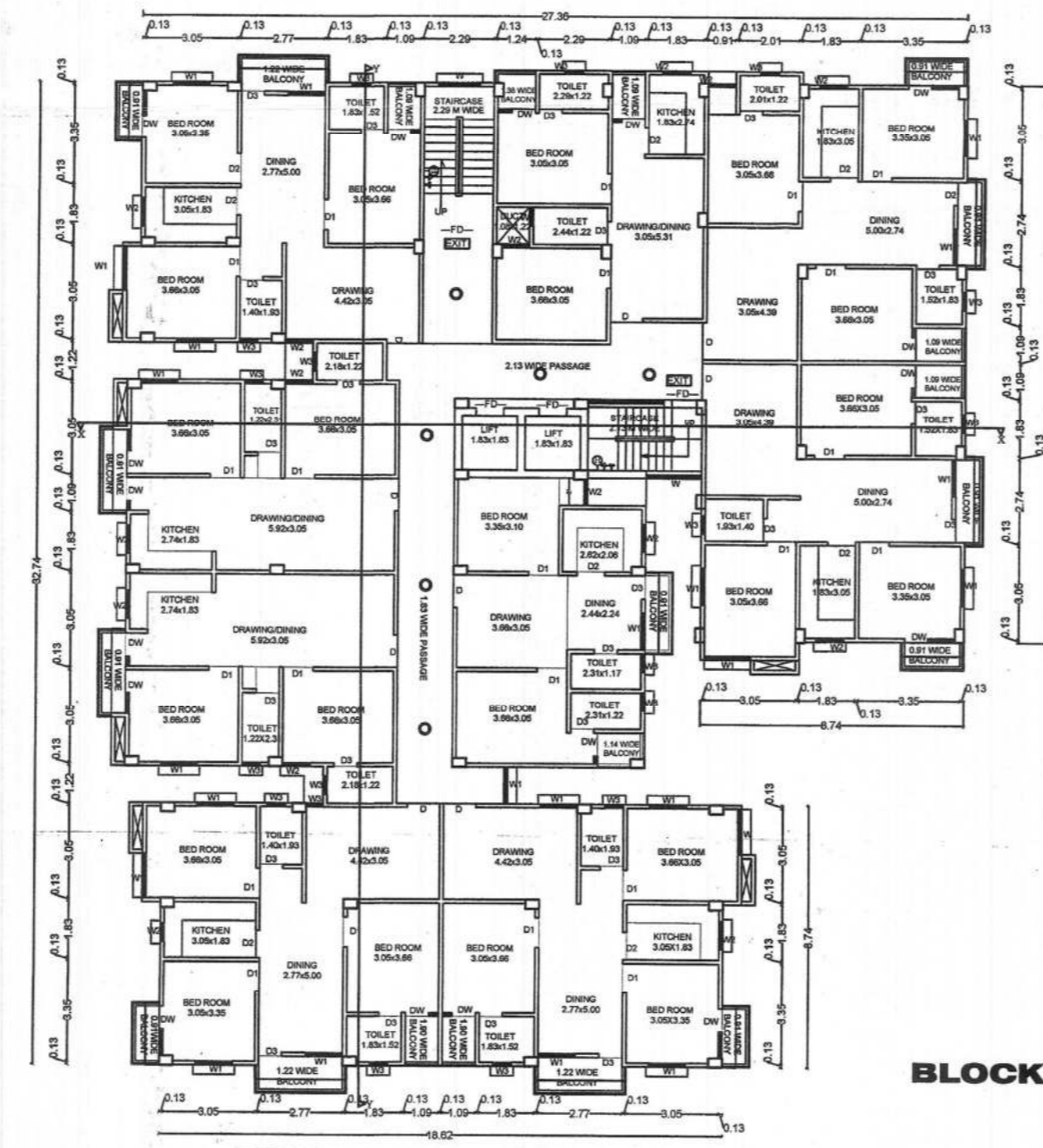


FRONT ELEVATION



GROUND FLOOR PLAN

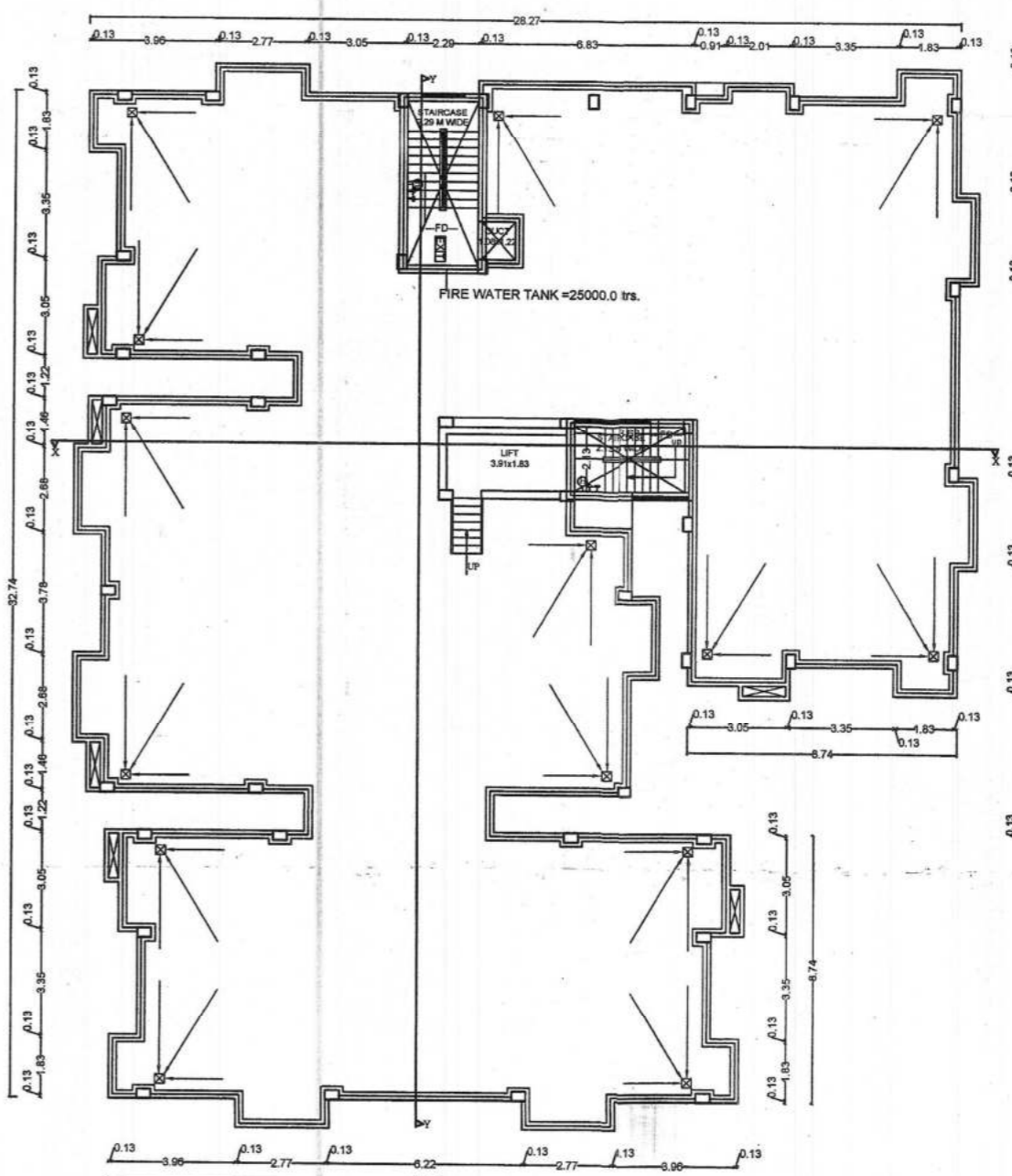
SCALE 1:100



TYPICAL 1ST, 2ND, 3RD, 4TH, 5TH, 6TH FLOOR PLAN

SCALE 1:100

**BLOCK B**



TERRACE FLOOR PLAN

SCALE 1:100

**SCHEDULE OF DOORS & WINDOWS**

S NO	TYPE	WIDTH	CALL	HEIGHT	DESCRIPTION
01	D	1.07	0.0	2.13	SINGLE LEAF DOOR
02	DT	0.90	0.0	2.13	SINGLE LEAF DOOR
03	DS	0.81	0.0	2.13	SINGLE LEAF DOOR
04	DS	0.76	0.0	2.13	SINGLE LEAF DOOR
05	DW	1.40	0.76	1.78	FULLY GLAZED WIN
06	W	1.37	0.76	1.78	FULLY GLAZED WIN
07	WT	1.32	0.76	1.78	FULLY GLAZED WIN
08	WT	0.81	1.00	1.40	FULLY GLAZED WIN
09	WS	0.81	1.37	0.76	FULLY GLAZED WIN
10	WS	1.07	0.76	1.78	FULLY GLAZED WIN
11	SD	2.44	0.00	2.54	SLIDING DOOR



**FIRE LEGEND :-**

- 01 HYDRANT OUT LET VALVE WET
- 02 HOSE REEL
- 03 SEMA CONNECTED FOR FIRE BRIGADE CONNECTED TO WET RISER
- 04 ELECTRICALLY INSULATED METAL STRIP
- 05 UNDER GROUND TANK OF 10,000 LTRS
- 06 O.H.W.TANK FOR FIRE FIGHTING - 25,000 LTRS
- 07 INDICATOR PANEL
- 08 FIRE ALARM CALL POINT
- 09 AUDIBLE ALARM CALL POINT
- 10 LOUDSPEAKER OUTLET
- 11 CO2 FIRE EXTINGUISHER
- 12 FIRE RESISTANT DOOR
- 13 AUTOMATIC SMOKE DETECTOR
- 14 AUTOMATIC SPRINKLER INSTALLATION
- 15 EMERGENCY LIGHT

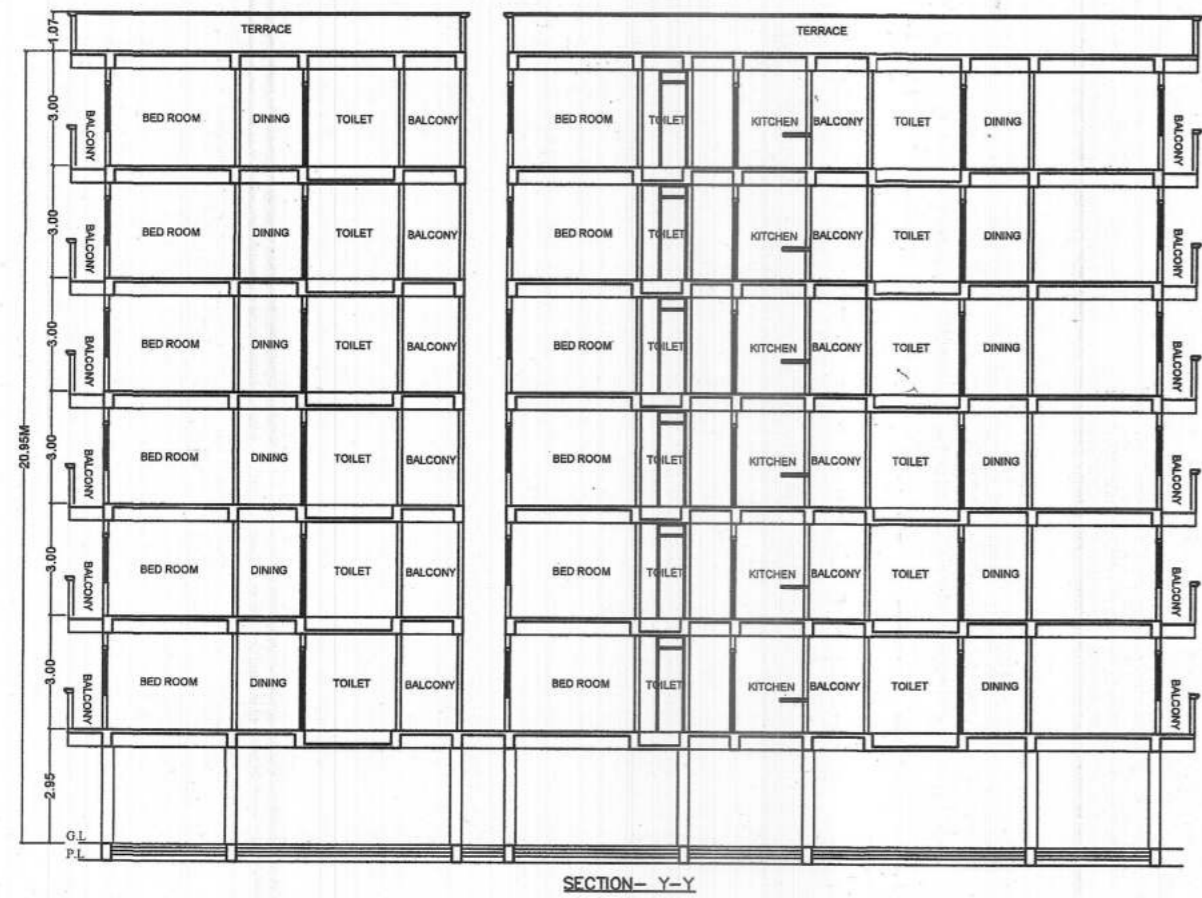
**PLOT DETAILS :-**

PROPOSED G+6 (BLOCK C, D & E) RESIDENTIAL BUILDINGS OF DEVELOPERS:  
 SRI - BRIJ KISHORE MISHRA,  
 S/O - SRI - HARRAM MISHRA,  
 OPPOSITE S.S.P RESIDENCE, P.S. RAMPUR DIST-GAYA.  
 PLOT DETAILS:-  
 VILLAGE-KENDUA, THANA - MAGADH MEDICAL COLLEGE,  
 MAJUA-KENDUA, WARD NO-45,  
 THANA NO- 323,TAJUI NO-8276 ,KHATA NO-87,164,483,  
 PLOT NO - 1648, 1649, 1650, 1651, 1652, 1676, & 1679,  
 DIST -GA YA, (BIHAR)

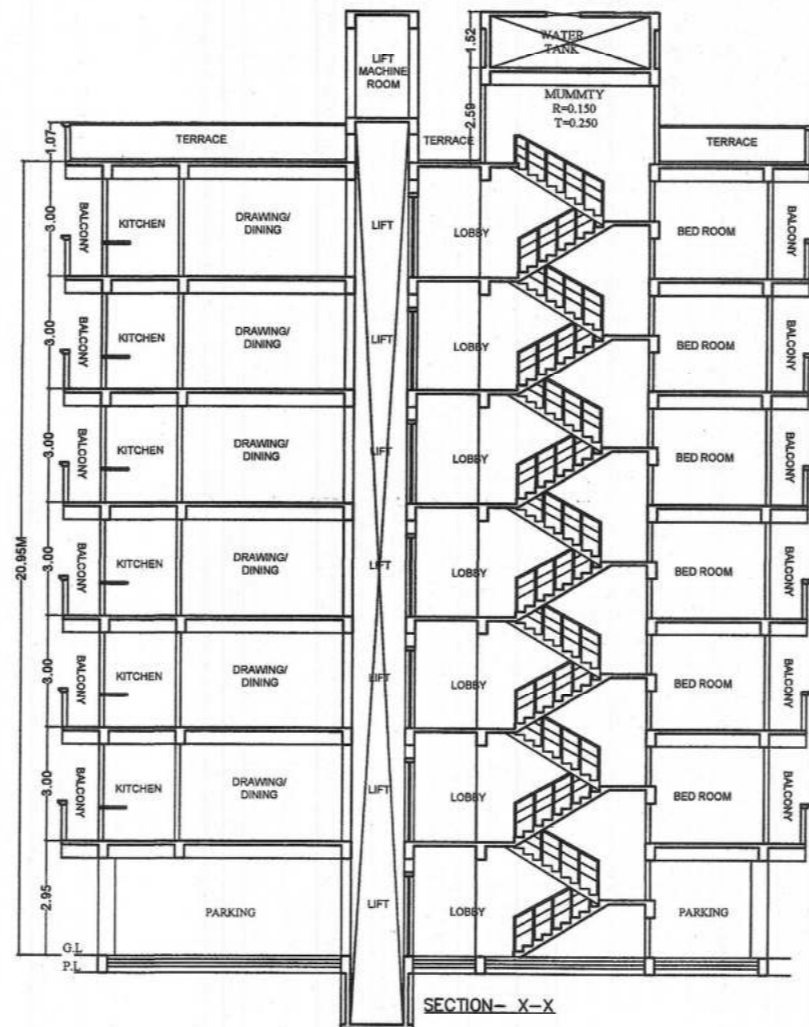
SCALE	NORTH
GMC-0204	1 : 100 1 : 200

  
 SIGNATURE OF STR. ENR.  
  
 SIGNATURE OF ARCHITECT





SECTION-Y-Y



SECTION-X-X



R SIDE ELEVATION

**GREEN AREA CALCULATION :-**

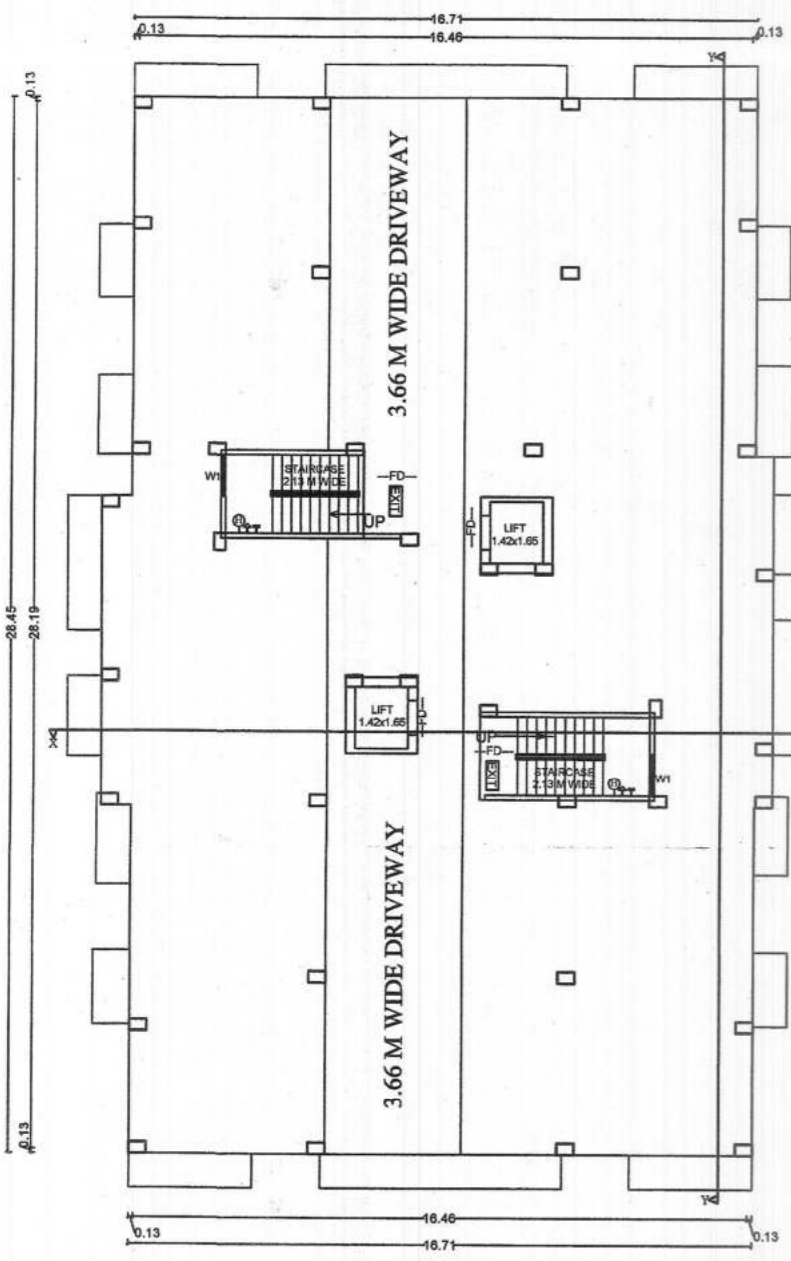
Total Net Plot Area = 4126.81 sq.m.  
 Green Space Area %Reqd = 4126.81 x 10% = 412.68 sq.m.  
 Total Provided Green Space = 412.68 sq.m.

**SCHEDULE OF DOORS & WINDOWS**

S.NO	TYPE	WIDTH	CLL	HEIGHT	DESCRIPTION
01	D	1.07	0.0	2.13	SINGLE LEAF DOOR
02	DT	0.98	0.0	2.13	SINGLE LEAF DOOR
03	D2	0.91	0.0	2.13	SINGLE LEAF DOOR
04	D3	0.76	0.0	2.13	SINGLE LEAF DOOR
05	DW	1.40	0.76	1.78	FULLY GLAZED WIN
06	W	1.37	0.76	1.78	FULLY GLAZED WIN
07	W2	1.22	0.76	1.78	FULLY GLAZED WIN
08	W3	0.91	1.06	1.46	FULLY GLAZED WIN
09	W4	0.81	0.76	1.78	FULLY GLAZED WIN
10	SW	1.07	0.76	1.78	FULLY GLAZED WIN
11	SS	2.44	0.00	2.54	SLIDING DOOR

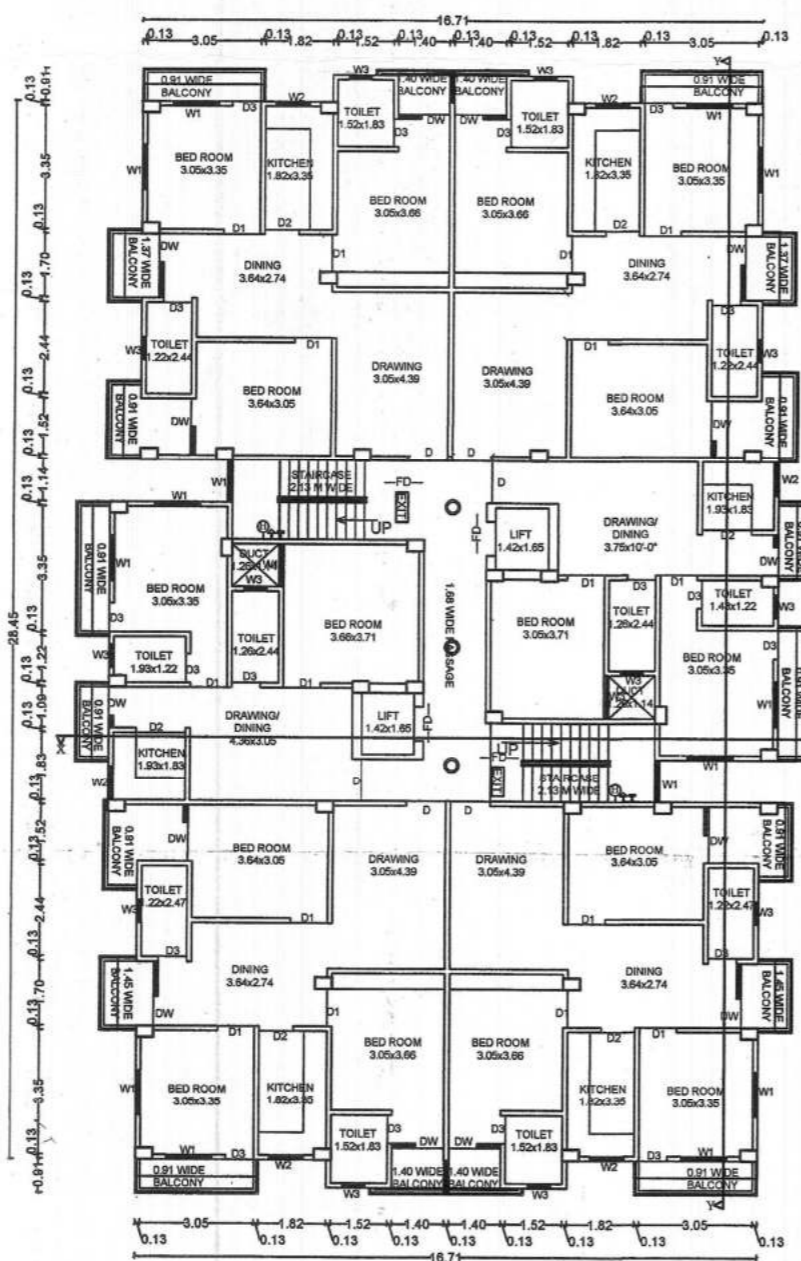
**FIRE LEGEND :-**

- 01. HYDRANT OUT LET VALVE WET
- 02. HOSE REEL
- 03. SEMAC CONNECTED FOR FIRE BRIGADE CONNECTED TO WET RISER
- 04. ELECTRICALLY INSULATED METAL STRIP
- 05. UNDER GROUND TANK OF 10,000 LTRS
- 06. O.H.W. TANK FOR FIRE FIGHTING
- 07. INDICATOR PANEL
- 08. FIRE ALARM CALL POINT
- 09. AUDIBLE ALARM CALL POINT
- 10. LOUDSPEAKER OUTLET
- 11. CO2 FIRE EXTINGUISHER
- 12. FIRE RESISTANT DOOR
- 13. AUTOMATIC SMOKE DETECTOR
- 14. AUTOMATIC SPRINKLER INSTALLATION
- 15. EMERGENCY LIGHT



GROUND FLOOR PLAN

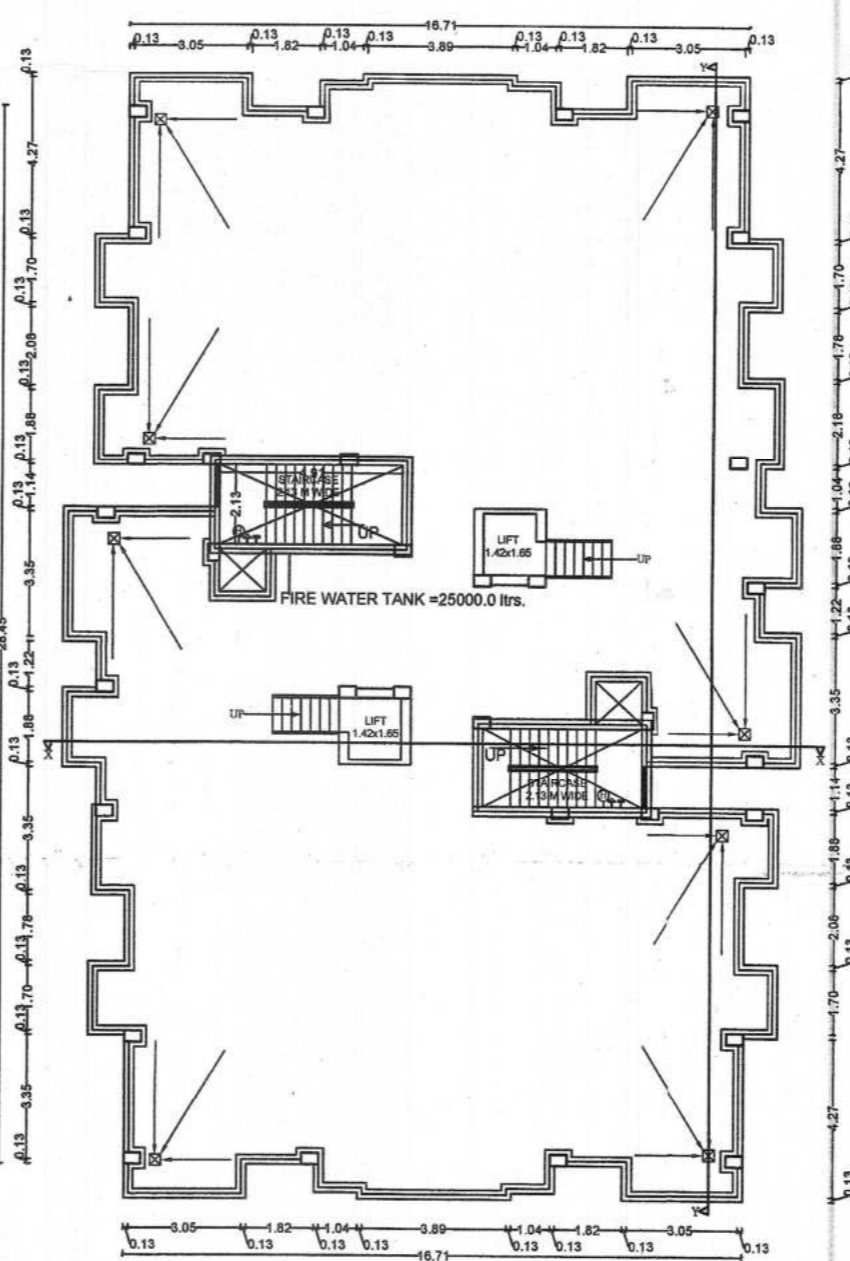
SCALE 1:100



TYPICAL 1ST, 2ND, 3RD, 4TH, 5TH, 6TH, FLOOR PLAN

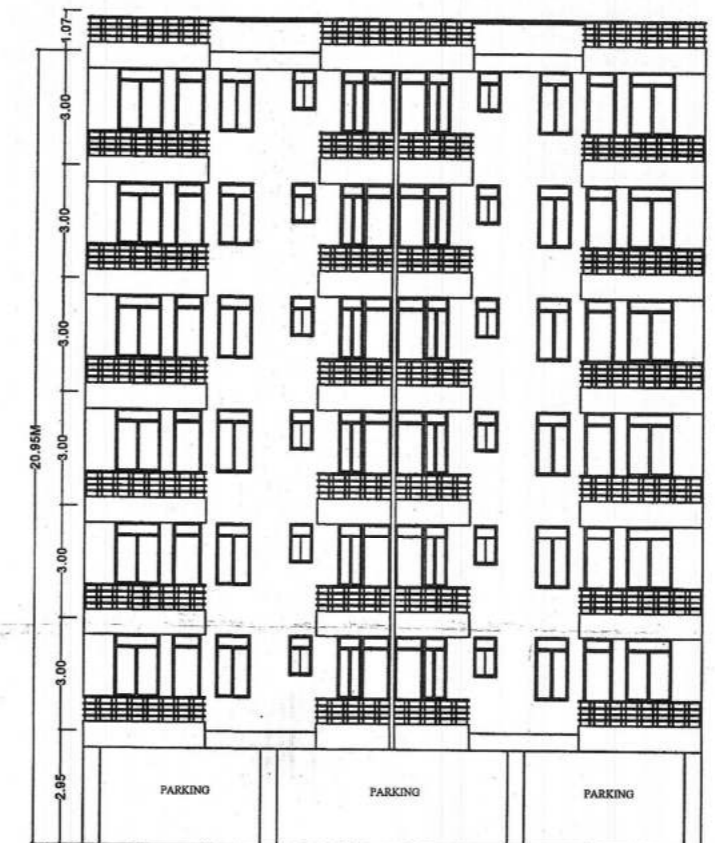
SCALE 1:100

**BLOCK C**



TERRACE FLOOR PLAN

SCALE 1:100



FRONT ELEVATION

**PLOT DETAILS :-**

PROPOSED G+6 (BLOCK C, D & E) RESIDENTIAL BUILDINGS OF DEVELOPERS: SRI - BRIJ KISHORE MISHRA, S/O - SRI - HARIRAM MISHRA, OPPOSITE S.S.P RESIDENCE, P.S. RAMPUR DIST-GAYA.

PLOT DETAILS:- VILLAGE-KENDUA, THANA - MAGADH MEDICAL COLLEGE, MALZA-KENDUA, WARD NO-48, THANA NO- 323,TAUZI NO-5276, KHATA NO-87,164,483, PLOT NO - 1648,1649,1650,1651,1652,1676, & 1679, DIST-GAYA, (BIHAR)

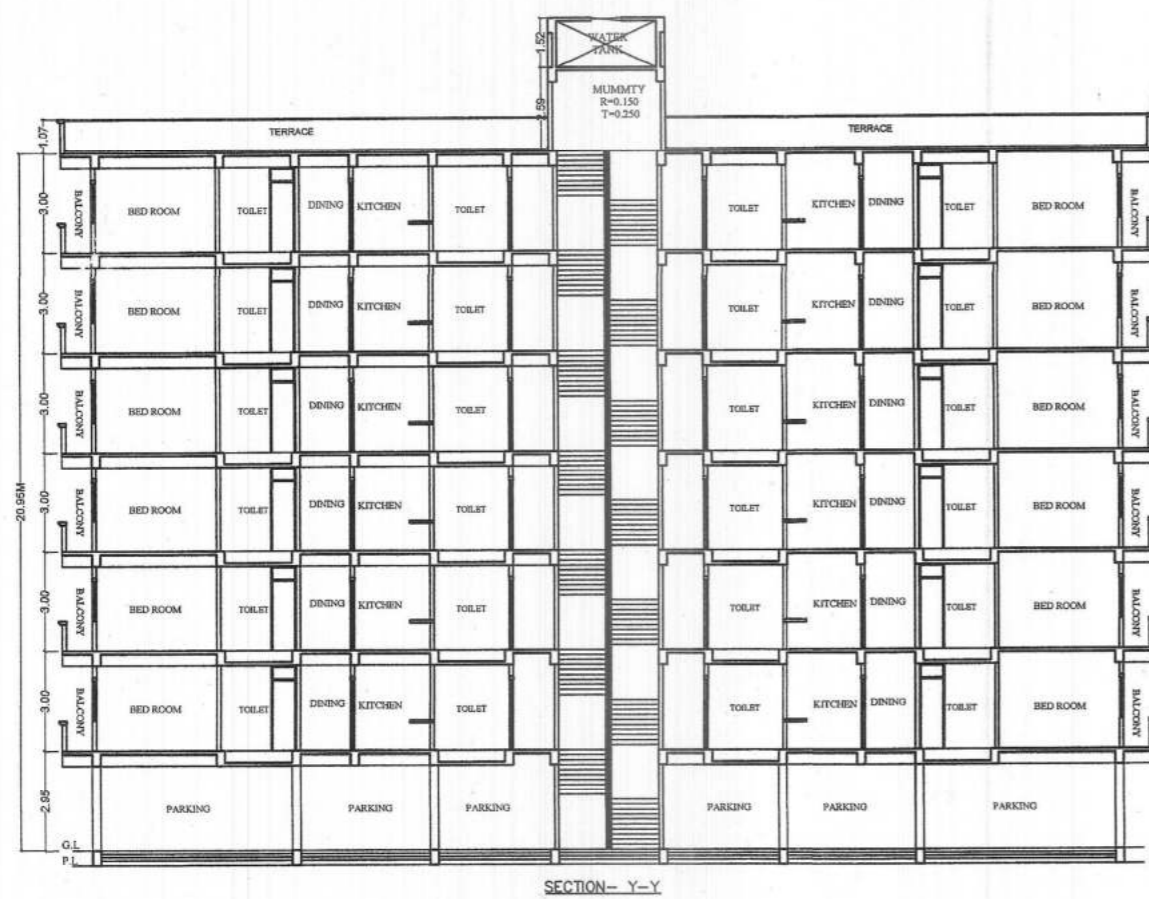
SHEET NO.	SCALE	NORTH
GMC-03/04	1 : 100 1 : 200	

Signature of Str Eng:

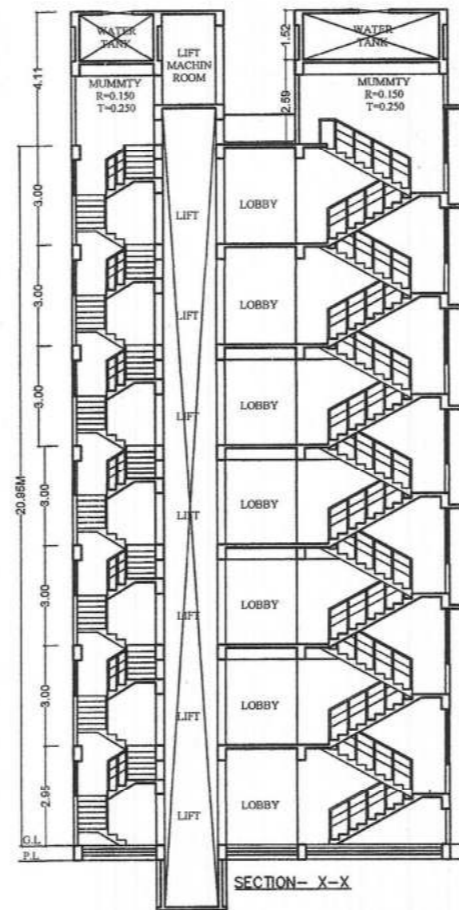
Signature of Owner:

Signature of Architect:





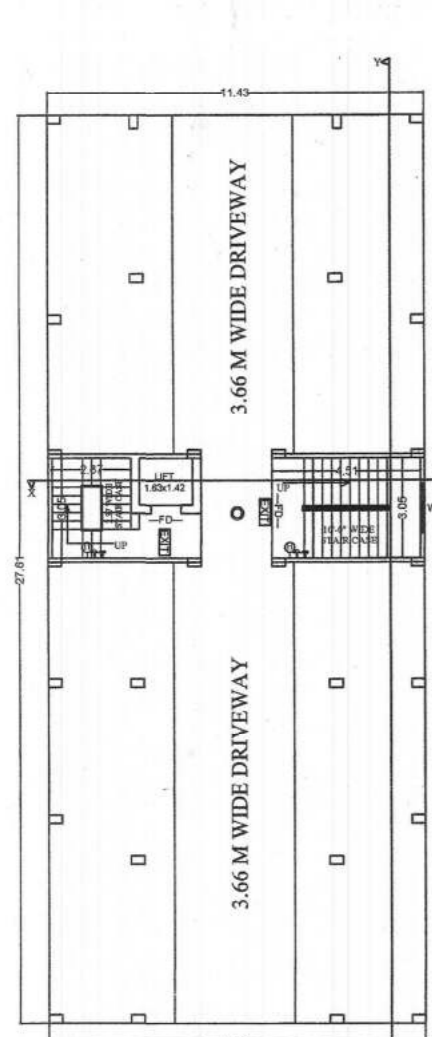
SECTION - Y-Y



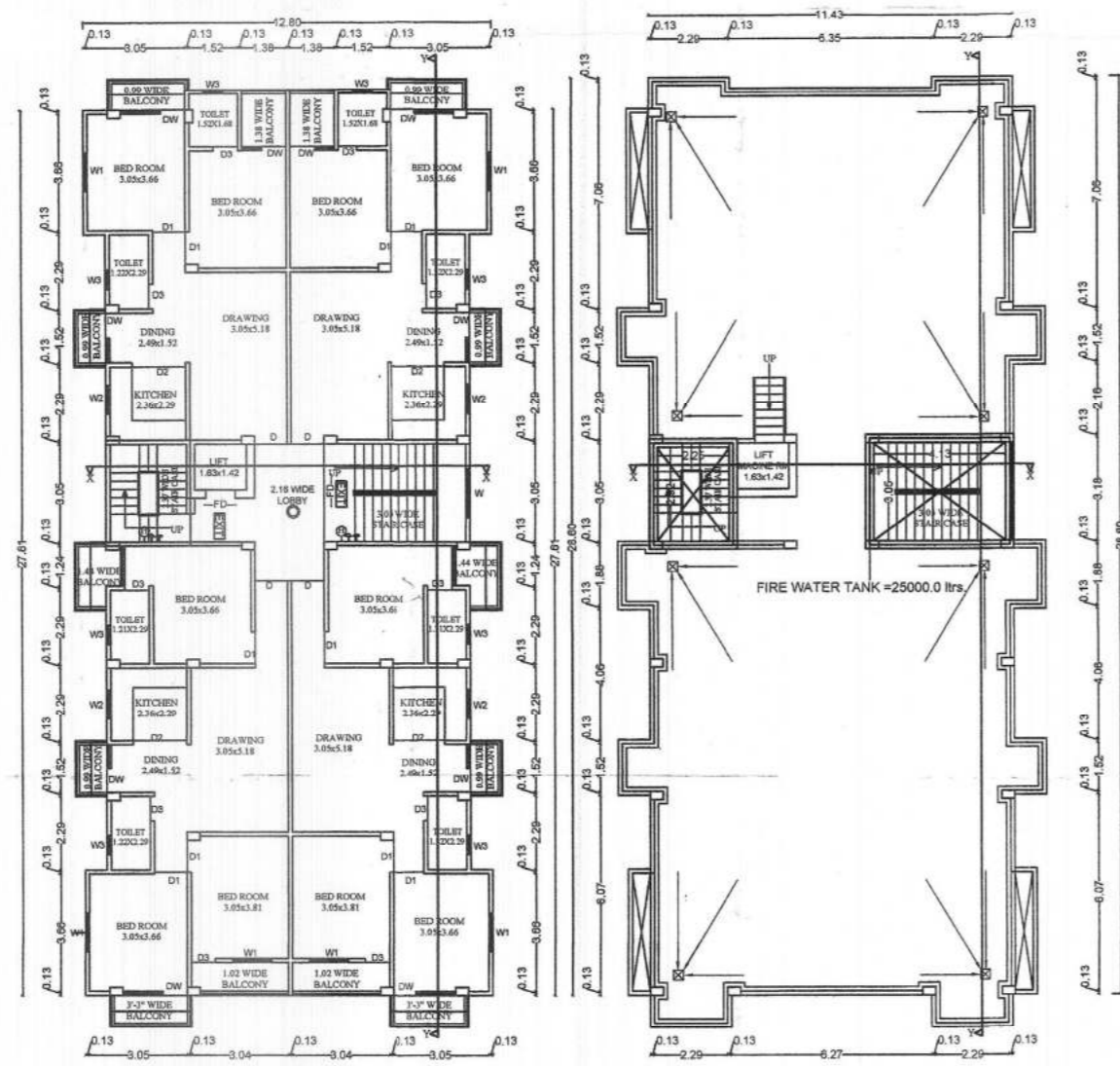
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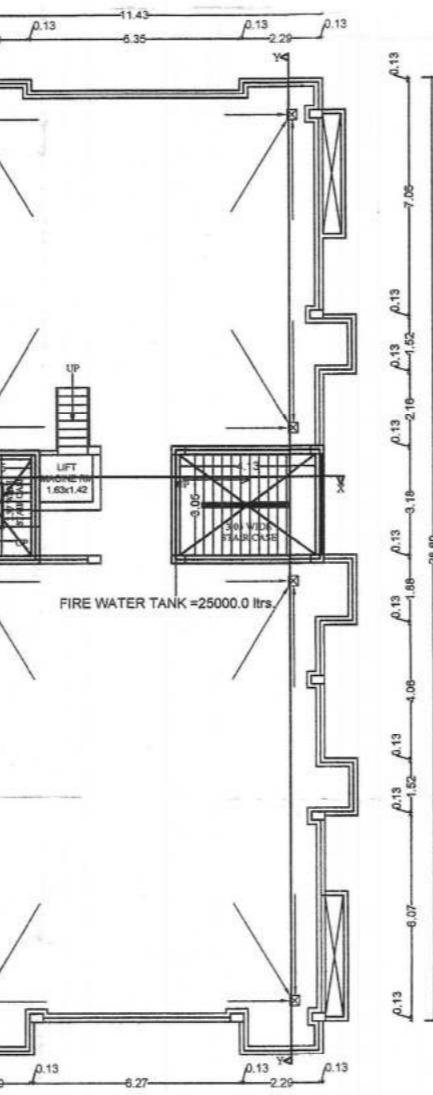
R. SIDE ELEVATION



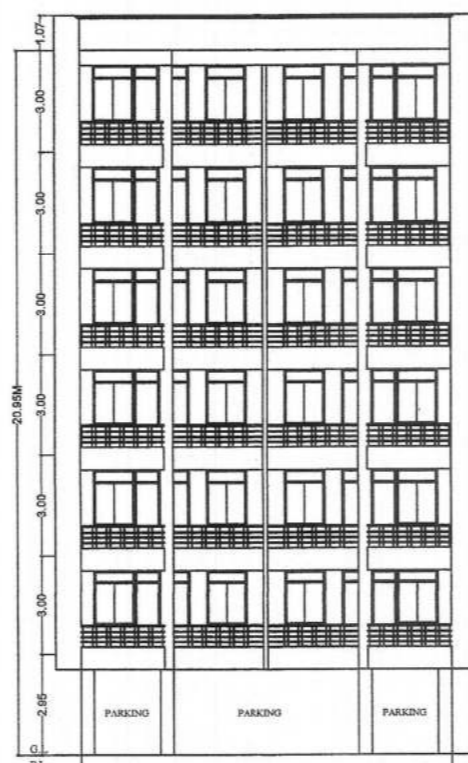
GROUND FLOOR PLAN  
SCALE 1:100



TYPICAL 1ST, 2ND, 3RD, 4TH, 5TH, 6TH. FLOOR PLAN  
SCALE 1:100



TERRACE FLOOR PLAN  
SCALE 1:100



FRONT ELEVATION



L. SIDE ELEVATION

**BLOCK D**

S.NO.	TYPE	WIDTH	CLL	HEIGHT	DESCRIPTION
01	D	1.07	0.0	2.13	SINGLE LEAF DOOR
02	D	1.36	0.0	2.13	SINGLE LEAF DOOR
03	D	0.91	0.0	2.13	SINGLE LEAF DOOR
04	D	0.78	0.0	2.13	SINGLE LEAF DOOR
05	W	1.42	0.75	1.78	FULLY GLAZED WN
06	W	1.37	0.75	1.78	FULLY GLAZED WN
07	W	1.22	0.75	1.78	FULLY GLAZED WN
08	W	0.91	1.08	1.48	FULLY GLAZED WN
09	W	0.61	4.78	0.78	FULLY GLAZED WN
10	W	1.07	0.75	1.78	FULLY GLAZED WN
11	SD	2.44	0.00	2.04	SLIDING DOOR

**FIRE LEGEND :-**

- 01 HYDRANT OUT LET VALVE WET
- 02 HOSE REEL
- 03 SHAD CONNECTED FOR FIRE BRIGADE CONNECTED TO WET RISER
- 04 ELECTRICALLY INSULATED METAL STRIP
- 05 UNDER GROUND TANK OF 10,000 LTRS
- 06 O.H.W. TANK FOR FIRE FIGHTING
- 07 INDICATOR PANEL
- 08 FIRE ALARM CALL POINT
- 09 AUDIBLE ALARM CALL POINT
- 10 LOUSPEAKER OUTLET
- 11 CO2 FIRE EXTINGUISHER
- 12 FIRE RESISTANT DOOR
- 13 AUTOMATIC SMOKE DETECTOR
- 14 AUTOMATIC SPRINKLER INSTALLATION
- 15 EMERGENCY LIGHT

**PLOT DETAILS :-**

PROPOSED G+6 (BLOCK C, D & E) RESIDENTIAL BUILDINGS OF DEVELOPERS:  
 S/O - SRI KISHORE MISHRA,  
 S/O - SRI HARIRAM MISHRA,  
 OPPOSITE S.S.P RESIDENCE, P.S. RAMPUR DIST-GAYA.

PLOT DETAILS:-  
 VILLAG-KENDUA, THANA - MAGADH MEDICAL COLLEGE,  
 HALDIA-KENDUA, WARD NO-48  
 THANA NO - 223,TAUZI NO-5276 KHATA NO-47,164,483,  
 PLOT NO - 1648,1649,1650,1651,1652,1676, & 1675,  
 DIST -GAYA, (BHAR)

SHEET NO.	SCALE	NORTH
OMC-0404	1 : 100 1 : 200	

Signature of Srs Eng

Signature of Owner

Signature of Architect