SAHARA'S RIVER VIEW

	COMMUNITY HALL	SHOPS	HIG	MIG	LIG	EWS
BLOCK"A"	PROVIDED	34 NO	8 NO	4 NO	NIL	NIL
BLOCK"B"	NIL	NIL	20 NO	100 NO	NIL	NIL
BLOCK"C"	NIL	NIL	NIL	NIL	80 NO	NIL
EWS UNITS	NIL	NIL	NIL	NIL	NIL	27 NO
TOTAL	TOTAL	34 NO	28NO	104 NO	80 NO	27 NO

CALCULATION FOR PARKING

BLOCK - A

TOTAL NOS. OF UNITS = 12 NOS.
REQUIREMENT OF PARKING FOR 12 RESIDENTIALT UNITS = = 12 X 20 M.² (INCLUDING DRIVEWAY)
REQUIRED CAR PARKING AREA = 12X20 =240 SQM.
F.A.R AREA OF COMMERCIAL SPACE IN GROUND FLOOR PLAN = 807.35 M.²
F.A.R AREA OF COMMERCIAL SPACE IN FIRST FLOOR PLAN = 807.91 M.²
TOTAL AREA = 807.35+807.91=1615.25 M.²
TOTAL NO. OF ASSUMED PARKING =1615.25÷80 =20 NOS.
TOTAL PARKING REQUIRED FOR UNITS + COMMERCIAL = 12 + 20 = 32 NOS.
REQUIRED CAR PARKING SPACE = 32X20 = 640 SQ.MT.
AVALIABLE PARKING SPACE IN BASEMENT FLOOR = 1198.55 SQ.MT

BLOCK - B & C

TOTAL NOS. OF UNITS = 120+80=200 NOS.
REQUIREMENT OF PARKING FOR 200 RESIDENTIALT UNITS = = 200 X 20 M.² (INCLUDING DRIVEWAY)
REQUIRED CAR PARKING AREA = 200X20 =4000 SQM.
AVALIABLE PARKING SPACE IN BASEMENT FLOOR = 2863.95 SQ.MT
AVALIABLE PARKING SPACE IN GROUND FLOOR = 2503.20 SQ.MT
2863.95+2503.20 = 5367.15 LITERS MORE THAN REQUIRED
+125 NOS. OF CAR OPEN PARKING SHOW IN MASTER PLAN
+7 NOS.VISITOR CAR PARKING OF OPEN PARKING SHOW IN MASTER PLAN

CALCULATION FOR SEPTIC TANK

BLOCK - A

TOTAL NOS. OF UNITS = 12 NOS.
REQUIREMENT OF SEPTIC TANK CAPACITY FOR 12 UNIT = 12 X 5 PEOPLE X0.085/M.³ = 5.10 M.³
ASSUME 10% EXTRA = 0.51 M.³
THEREFORE, TOTAL REQUIRED CAPACITY OF SEPTIC TANK = 5.61 M.³

BLOCK - B

TOTAL NOS. OF UNITS = 120 NOS.
REQUIREMENT OF SEPTIC TANK CAPACITY FOR 120 FLAT = 120 X 5 PEOPLE X0.085/M.³ = 51.00 M.³
ASSUME 10% EXTRA = 5.10 M.³
THEREFORE, TOTAL REQUIRED CAPACITY OF SEPTIC TANK = 56.10 M.³

BLOCK - C

TOTAL NOS. OF UNITS = 80 NOS.
REQUIREMENT OF SEPTIC TANK CAPACITY FOR 80 UNIT = 80 X 5 PEOPLE X0.085/M.³ = 34.00 M.³
ASSUME 10% EXTRA = 3.40 M.³
THEREFORE, TOTAL REQUIRED CAPACITY OF SEPTIC TANK = 37.40 M.³

TOTAL-AREA :-

TOTAL (BLOCK "A" ,"B" & "C" REQUIREMENT OF SEPTIC TANK = (5.61 + 56.10 + 37.40) = 99.11 m3
PROPOSED CAPACITY OF SEPTIC TANK:- 16.66 X 4.94 X 2.00 = 164.40 m3
MORE THAN REQUIRED.

CALCULATION FOR WATER TANK

BLOCK - A

TOTAL NOS. OF UNITS = 12 NOS.
REQUIREMENT OF WATER FOR 12 UNITS = 12 X 5 PEOPLE X135 L./DAY = 8,100 LTR
ASSUME-10% EXTRA = 810 LTR.
SO, TOTAL QUANTITY OF WATER NEEDED = 8,910 LITERS
F.A.R AREA OF COMMERCIAL SPACE IN GROUND FLOOR PLAN = 807.35 M.²
F.A.R AREA OF COMMERCIAL SPACE IN FIRST FLOOR PLAN = 807.91 M.²
TOTAL AREA = 807.35+807.91=1615.25 M.²
TOTAL NO. OF ASSUMED PEOPLE = 1615.25 / 6 = 270 PEOPLE
REQUIREMENT OF WATER FOR 270 PEOPLE = = 270 PEOPLE X 45 L./DAY = 12,150 LTR
ASSUME 10% EXTRA = 1,215 LTR
SO, TOTAL QUANTITY OF WATER NEEDED = 13,365 LITERS
TOTAL REQUIREMENT FOR O.H.W.T. CAPACITY = (8,900 + 12,150) LTR = 21,050 LTR

DRINKING AND OTHER USE :-
CAPACITY OF O.H.W.T. PROVIDED = (7.05 X 3.35 X 1.83) LTR
43,220 LITERS MORE THAN REQUIRED

FIRE WATER TANK :-
CAPACITY OF O.H.W.T. PROVIDED = (4.00 X 3.35 X 1.83) LTR
= 24,520 LITERS MORE THAN REQUIRED

BLOCK - B

TOTAL NOS. OF UNITS = 120 NOS.
REQUIREMENT OF WATER FOR 120 UNITS = - 120 X 5 PEOPLE X135 L./DAY = 81,000 LTR
ASSUME 10% EXTRA = 8,100 LTR
SO, TOTAL QUANTITY OF WATER NEEDED = 89,100 LITERS .

DRINKING AND OTHER USE :-
CAPACITY OF O.H.W.T. PROVIDED = (7.92 X 4.72 X1.52)=56.820 LTR
CAPACITY OF O.H.W.T. PROVIDED = (5.98 X 7.54 X1.52)=68.535 LTR
56.820+68535 = 1,25,355 LITERS MORE THAN REQUIRED

FIRE WATER TANK :-
CAPACITY OF O.H.W.T. PROVIDED = (9.56 X 2.90 X 1.52) LTR = 42,140 LITERS MORE THAN REQUIRED

BLOCK - C

TOTAL NOS. OF UNITS = 80 NOS.
REQUIREMENT OF WATER FOR 80 UNITS = 80 X 5 PEOPLE X135 L./DAY = 54,000 LTR
ASSUME 10% EXTRA = 5,400 LTR
SO, TOTAL QUANTITY OF WATER NEEDED = 59,400 LITERS

DRINKING AND OTHER USE :-
CAPACITY OF O.H.W.T. PROVIDED = (6.13 X 5.75 X1.83)=64,500 LTR
64,500 LITERS MORE THAN REQUIRED

FIRE WATER TANK :-
CAPACITY OF O.H.W.T. PROVIDED = (5.18 X 3.20 X 1.83) LTR
30,335 LITERS MORE THAN REQUIRED

LAND AREA FOR CONSTRUCTION PURPOSE = 11432.69 M²

GROUND COVERAGE OF BLOCK-"A" =1207.46 SQ.MT

GROUND COVERAGE OF BLOCK-"B & C" = 3163.96 SQ.MT

F.A.R = BLOCK "A"= 3367.77 SQ.MT

F.A.R = BLOCK- "B & C" = 22349.35 SQ.MT

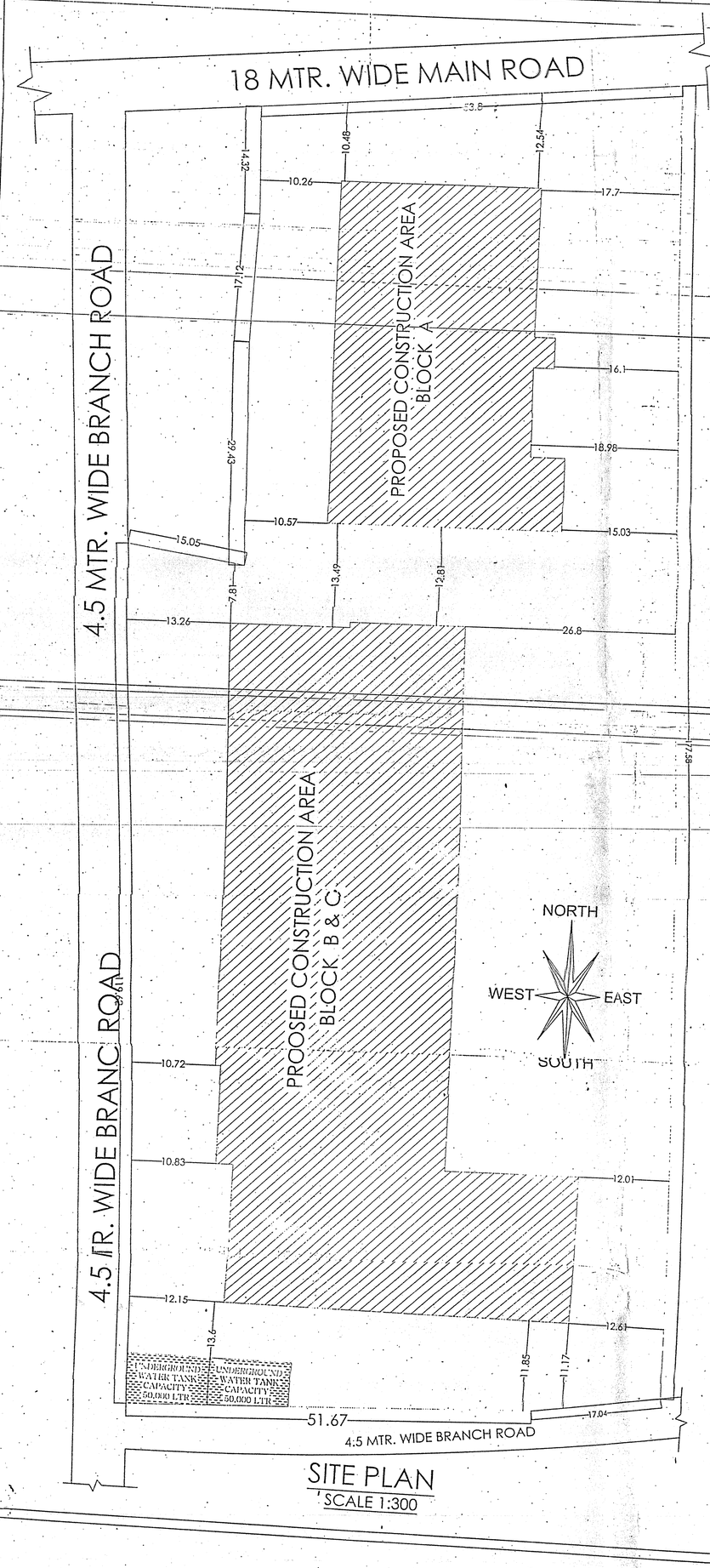
CALCULATED LAND AREA = 11432.69 SQ.MT

~~GROUND COVERAGE = 1207.46+3163.96 = 4371.42 SQ.MTR~~

TOTAL LAND AREA = 11432.69 SQ.MTR = 38.23%

F.A.R = 3342.09+22337.32 = 25679.41 SQ.MTR

TOTAL LAND AREA = 11432.69 SQ.MTR = 2.24



CALCULATION CHART FOR % GROUND COVERAGE & F.A.R IN BLOCK "B" & "C"

NO. OF FLOORS		AREA HUMAN PURPOSE	AREA IN PROJECTION PERMISSIBLE WITHIN SETBACK		AREA IN PROJECTION BEYOND PLINTH LINE BUT WITHIN SETBACK	TOTAL COVERED AREA	DEDUCTIONS						NET AREA FOR F.A.R	OCCUPANCY OF USE PROPOSED	REMARKS
			CUPBOARD	BALCONY PROJECTION			LIFT WELL	VOID	DUCT	FIRE STAIR	PARKING & PERMISSIBLE	OTHER IF PERMISSIBLE	TOTAL DEDUCTION		
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
BASEMENT FLOOR PLAN	B	3163.96	X	X	X	3163.96 M.²	X	X	X	X	2863.95	256.59	3120.54	43.42 M.²	PARKING	RAMP 256.59 M.²
	C															
GROUND FLOOR	B	3163.96	X	X	X	3163.96 M.²	9.20+9.20 =18.40	X	X	X	2863.95	256.59	3120.54	43.42 M.²	PARKING	
	C															
FIRST FLOOR	B	2687.32	X	35.56+14.79 =47.35	X	2734.67 M.²	9.20+9.20 =18.40	X	X	12.63+13.83 =26.48	X	X	2503.20	642.36	3163.96	NIL	PARKING	(SOLD TO BLOCK-B FLAT NO.101, 102, 103, 104, 105, 106)
	C		X													
SECOND FLOOR	B	2226.92	X	35.56+14.79 =47.35	X	2274.27 M.²	9.20+9.20 =18.40	X	X	12.63+13.83 =26.48	X	X	44.88	2229.39 M.²	RESIDENTIAL	(1 NATIVE STYLE DUPLEX UNIT NO.201)
	C		X												RESIDENTIAL	
THIRD FLOOR	B	2226.92	X	35.56+14.79 =47.35	X	2274.27 M.²	9.20+9.20 =18.40	X	X	12.63+13.83 =26.48	X	X	44.88	2229.39 M.²	RESIDENTIAL	
	C		X												RESIDENTIAL	
FOURTH FLOOR	B	2226.92	X	35.56+14.79 =47.35	X	2274.27 M.²	9.20+9.20 =18.40	X	X	12.63+13.83 =26.48	X	X	44.88	2229.39 M.²	RESIDENTIAL	
	C		X												RESIDENTIAL	
FIFTH FLOOR	B	2226.92	X	35.56+14.79 =47.35	X	2274.27 M.²	9.20+9.20 =18.40	X	X	12.63+13.83 =26.48	X	X	44.88	2229.39 M.²	RESIDENTIAL	
	C		X												RESIDENTIAL	
SIXTH FLOOR	B	2226.92	X	35.56+14.79 =47.35	X	2274.27 M.²	9.20+9.20 =18.40	X	X	12.63+13.83 =26.48	X	X	44.88	2229.39 M.²	RESIDENTIAL	
	C		X												RESIDENTIAL	
SEVENTH FLOOR	B	2226.92	X	35.56+14.79 =47.35	X	2274.27 M.²	9.20+9.20 =18.40	X	X	12.63+13.83 =26.48	X	X	44.88	2229.39 M.²	RESIDENTIAL	
	C		X												RESIDENTIAL	
EIGHTH FLOOR	B	2226.92	X	35.56+14.79 =47.35	X	2274.27 M.²	9.20+9.20 =18.40	X	X	12.63+13.83 =26.48	X	X	44.88	2229.39 M.²	RESIDENTIAL	
	C		X												RESIDENTIAL	
NINETH FLOOR	B	2226.92	X	35.56+14.79 =47.35	X	2274.27 M.²	9.20+9.20 =18.40	X	X	12.63+13.83 =26.48	X	X	44.88	2229.39 M.²	RESIDENTIAL	
	C		X												RESIDENTIAL	
TENTH FLOOR	B	2226.92	X	35.56+14.79 =47.35	X	2274.27 M.²	9.20+9.20 =18.40	X	X	12.63+13.83 =26.48	X	X	44.88	2229.39 M.²	RESIDENTIAL	
	C		X												RESIDENTIAL	
TOTAL		29057.52 M.²	X	473.50 M.²	X	29531.02 M.²	202.40 M.²	X	X	264.50 M.²	5367.15 M.²	1359.35 M.²	7193.70 M.²	22337.32 M.²		

BLOCK B & C

BLOCK B & C
BASEMENT GROUND FLOOR AREA CALCULATION

NAME	L	B	AREA
(1)	15.32	61.12	936.35 M.²
(2)	14.67	61.81	906.75 M.²
(3)	29.34	13.11	384.64 M.²
(4)	27.14	21.18	574.82 M.²
(5)	16.88	21.41	361.40 M.²
TOTAL			3163.96 M.²

BLOCK B & C
STAIR & LIFT AREA CALCULATION

NAME	L	B	AREA
(1)	4.63	3.64	16.85 M.²
(2)	2X3.13	2.90	12.95 M.²
(3)	3.81	3.73	14.21 M.²
TOTAL			43.42 M.²

BLOCK B & C
RAMP AREA CALCULATION

NAME	L	B	AREA
(1)	21.34	7.09	151.30 M.²
(2)	14.02	7.51	105.29 M.²
TOTAL			256.59 M.²

BLOCK B & C
CUT OUT AREA CALCULATION

NAME	L	B	AREA
(1)	14.67	7.09	104.01 M.²
(2)	14.02	7.51	105.29 M.²
TOTAL			209.30 M.²

BLOCK B & C
BLOCK CALCULATION IN GROUND FLOOR

NAME	L	B	AREA
(1)	8.53	13.11	111.82 M.²
(2)	6.13	7.77	47.63 M.²
(3)	20.80	5.33	110.86 M.²
(4)	4.76	21.41	101.91 M.²
TOTAL			372.63 M.²

BLOCK B & C
COMMON TOILET AREA CALCULATION IN GROUND FLOOR

NAME	L	B	AREA
(1)	2.78	2.14	5.94 M.²
(2)	3.51	2.25	7.89 M.²
TOTAL			13.83 M.²

VOID AREA FOR BASEMENT VENTILATION IN BLOCK "B" & "C"

NAME	L	B	AREA
(1)	3.35	3.24	10.85 M.²
(2)	3.39	3.28	11.11 M.²
(3)	1.64	1.91	3.13 M.²
(4)	6.13	3.51	21.51 M.²
TOTAL			46.60 M.²

BLOCK B
OPEN TERRACE AREA CALCULATION IN FIRST FLOOR

NAME	L	B	AREA
(1)	2X0.60	13.76	16.51 M.²
(2)	0.60	11.51	6.90 M.²
(3)	2X1.79	6.67	11.59 M.²
(4)	2X12.00	1.68	40.32 M.²
(5)	2X6.82	1.37	18.68 M.²
(6)	2X2.51	3.73	18.72 M.²
(7)	12.00	4.57	54.84 M.²
(8)	2X12.69	1.68	42.63 M.²
(9)	2X2.98	2.82	16.80 M.²
(11)	11.77	4.57	53.78 M.²
(12)	2X2.67	1.22	6.51 M.²
TOTAL			300.65 M.²

BLOCK B
BALCONY PROJECTION CALCULATION IN TYPICAL FLOOR PLAN

NAME	L	B	AREA
(1)	2X4.12	0.45	3.70 M.²
(2)	4X0.45	4.84	8.71 M.²
(3)	2X0.45	4.23	3.80 M.²
(4)	2X0.45	3.70	3.33 M.²
(5)	4X0.45	3.81	6.85 M.²
(6)	4X0.45	3.43	6.17 M.²
TOTAL			32.56 M.²

BLOCK B
LIFT WELL AREA CALCULATION

NAME	L	B	AREA
(1)	2X1.52	1.68	5.10 M.²
(2)	2.44	1.68	4.10 M.²
TOTAL			9.20 M.²

BLOCK B
FIRE STAIR AREA CALCULATION

NAME	L	B	AREA
(1)	2.44	5.18	12.63 M.²
TOTAL			12.63 M.²

BLOCK C
FIRE STAIR AREA CALCULATION

NAME	L	B	AREA
(1)	2.44	5.68	13.85 M.²
TOTAL			13.85 M.²

BLOCK C
OPEN TERRACE AREA CALCULATION IN FIRST FLOOR

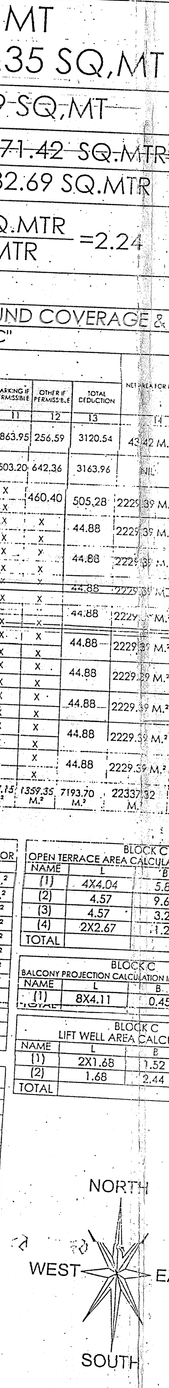
NAME	L	B	AREA
(1)	4X4.04	5.83	94.21 M.²
(2)	4.57	9.68	44.23 M.²
(3)	4.57	3.24	14.80 M.²
(4)	2X2.67	1.22	6.51 M.²
TOTAL			159.75 M.²

BLOCK C
BALCONY PROJECTION CALCULATION IN TYPICAL FLOOR PLAN

NAME	L	B	AREA
(1)	8X4.11	0.45	14.79 M.²
			14.79 M.²

BLOCK C
LIFT WELL AREA CALCULATION

NAME	L	B	AREA
(1)	2X1.68	1.52	5.10 M.²
(2)	1.68	2.44	4.10 M.²
TOTAL			9.20 M.²



BLOCK A

NO. OF FLOORS	AREA HUMAN PURPOSE	AREA IN PROJECTION PERMISSIBLE WITHIN SETBACK		AREA IN PROJECTION BEYOND PLINTH LINE BUT WITHIN SETBACK	TOTAL COVERED AREA	DEDUCTIONS						NET AREA FOR F.A.R	OCCUPANCY OF USE PROPOSED	REMARKS
		CUPBOARD	BALCONY PROJECTION			LIFT WELL	VOID	DUCT	FIRE STAIR	PARKING & PERMISSIBLE	OTHER IF PERMISSIBLE	TOTAL		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
BASEMENT FLOOR PLAN	1207.46	X	X	X	1207.46	X	X	X		1198.55	X	1198.55	8.91 M.²	PARKING	
GROUND FLOOR PLAN	1207.46	X	X	X	1207.46	6.12	X	X	X	393.99	400.11	807.35 M.²	COMMERCIAL	(1 FARACE-102) (2 FARACE-103) (3 FARACE-104)
1ST. FLOOR	1138.18	X	X	X	1138.18	6.12	X	9.66	X	X	314.49	337.11 M.²	COMMERCIAL	(1 FARACE-201) (2 FARACE-202) (3 FARACE-203)
2ND FLOOR	1207.46	X	30.22	X	1237.68	6.12	X	X	9.54	X	363.06	378.72 M.²	RESIDENTIAL	(1 FARACE-301) (2 FARACE-302) (3 FARACE-303)
3RD FLOOR	850.59	X	30.22	X	880.81	6.12	6.19	X	9.54	X		21.85 M.²	RESIDENTIAL	
TOTAL	5611.15 M.²	X	60.44 M.²	X	5671.59 M.²	24.48 M.²	6.19 M.²	9.66 M.²	19.08 M.²	1198.55 M.²	1071.54 M.²	2329.50 M.²		

BLOCK A
LOWER GROUND FLOOR AREA CALCULATION

NAME	L	B	AREA
(1)	25.45	19.89	506.20 M.²
(2)	2.59	4.11	10.64 M.²
(3)	25.45	15.93	405.41 M.²
(4)	29.71	9.60	285.21 M.²
TOTAL			1207.46 M.²

BLOCK A
DUCT AREA CALCULATION

NAME	L	B	AREA
(1)	2X3.96	1.22	9.66 M.²
TOTAL			9.66 M.²

BLOCK A
BALCONY PROJECTION CALCULATION IN TYPICAL FLOOR PLAN

NAME	L	B	AREA
(1)	2X7.89	0.60	9.46 M.²
(2)	4X0.90	3.81	14.39M.²
(3)	0.90	3.51	3.15 M.²
(4)	0.90	3.58	3.22 M.²
TOTAL			30.22 M.²

BLOCK A
VOID AREA CALCULATION

NAME	L	B	AREA
(1)	1.75	3.54	6.19 M.²
TOTAL			6.19 M.²

BLOCK A
LIFT WELL AREA CALCULATION

NAME	L	B	AREA
(1)	1.68	1.52	2.55 M.²
(2)	2.13	1.68	3.57 M.²
TOTAL			6.12 M.²

BLOCK A
CUT OUT AREA IN COMMERCIAL SPACE IN GR FLOOR & FIRST FLOOR

NAME	L	B	AREA
(1)	4.57	6.93	31.67 M.²
(2)	4.57	8.23	37.61 M.²
TOTAL			69.28 M.²

BLOCK A
LIFT AREA CALCULATION

NAME	L	B	AREA
(1)	4.50	1.98	8.91 M.²
TOTAL			8.91 M.²

BLOCK A
OPEN TERRACE AREA CALCULATION IN FIRST FLOOR

NAME	L	B	AREA
(1)	1.98	7.16	14.17 M.²
(2)	7.66	2.48	18.99 M.²
(3)	11.73	2.44	28.62 M.²
(4)	1.98	11.13	22.03 M.²
(5)	29.71	6.93	205.89 M.²
(6)	16.00	2.44	39.04 M.²
(7)	6.63	2.36	15.64 M.²
(8)	1.52	1.45	2.20 M.²
(9)	3.55	2.63	9.33 M.²
(10)	1.07	0.90	0.96 M.²
(11)	1.75	3.54	6.19 M.²
TOTAL			363.06 M.²

BLOCK A
FIRE STAIR AREA CALCULATION

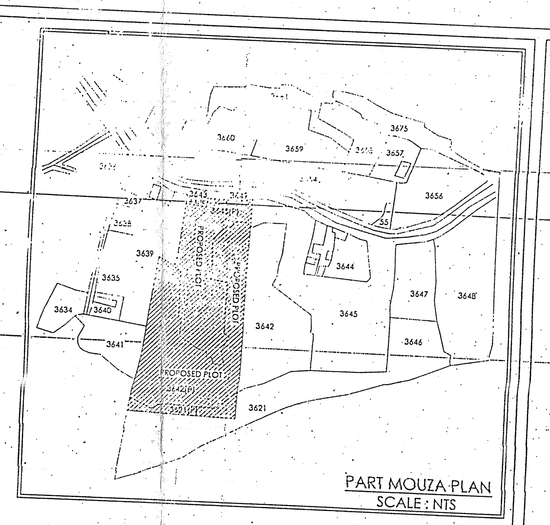
NAME	L	B	AREA
(1)	3.85	2.48	9.54 M.²
TOTAL			9.54 M.²

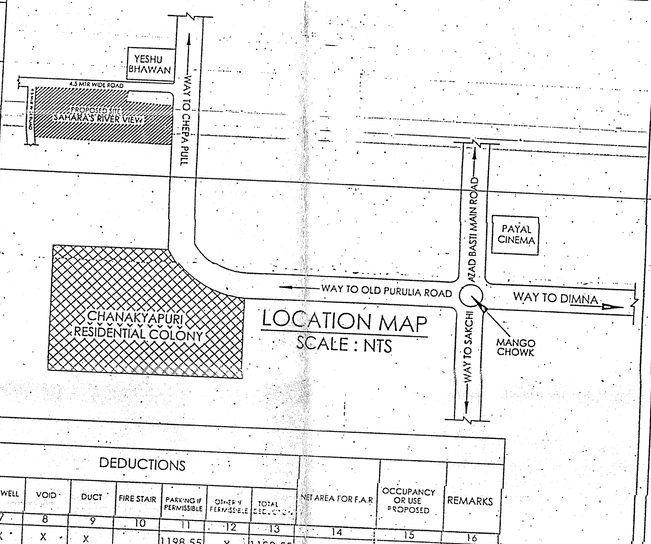
BLOCK A
COMMUNITY HALL AREA CALCULATION

NAME	L	B	AREA
(1)	2X3.51	2.51	17.62 M.²
(2)	2X5.45	1.07	11.66 M.²
(3)	29.71	9.60	285.21 M.²
TOTAL			314.49 M.²

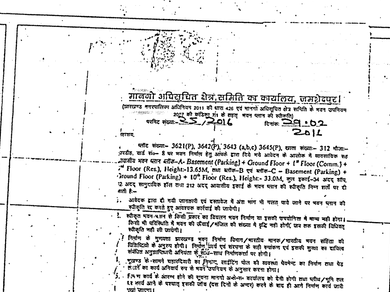
TERRACE AREA IN GROUND FLOOR

NAME	L	B	AREA
(1)	2X4.19	1.22	10.22 M.²
TOTAL			10.22 M.²





Suggested vide To-No-332 dt 12/04/2016 sd/- Addl. Statistical officer Hazaribag Road, Ranchi



PROPOSED RESIDENTIAL CUM COMMERCIAL BUILDING PLAN FOR

SAHARA'S RIVER VIEW

LAND OWNER

M/S SAMAY CONSTRUCTION PVT.LTD.

DIRECTOR

For SAMAY CONSTRUCTION PVT. LTD.

DIRECTOR

DETAILS OF PLOT :-

PLOT NO :- 3621(P),3642(P),3643(a,b&c) & 3645(P)
KATHA NO :- 312
MOUZA :- PARDIH
WARD NO - 8 MNAC (MANGO)
P.S :- MANGO , THANA NO :- 1641
DISTRICT :- EAST SINGHBHUM
TOWN :- JAMSHEDPUR- JHARKHAND

CONTENTS :-

* SITE PLAN (BLOCK A, B & C)
* GROUND COVERAGE
* F.A.R. CALCULATION
* LAND AREA DEATILS
* PART MOUZA PLAN
* LOCATION MAP

ANOOP KUMAR
B.E.(Civil), AMIE
MNAC REG.No.CE-7/7
PLANNER

SH. NO 1/5

FIRE PROTECTION INDEX

W	WET RISER CUM DOWN COMER
	FIRE CALL POINT
H	HYDRANT OUTLET
	HOSE REEL HOSE
	FIRE SERVICE INLET
	HOOTER
	AERA PROTECTED BY AUTOMATIC DCP EXTINGUISHER
	HOSE BOX WITH DELIVERY HOSE & BRANCH
S	AREA PROTECTED WITH AUTOMATIC SPRINKLES
	AERA PROTECTED WITH SMOKE DETECTORS WITH CONTROL PANEL

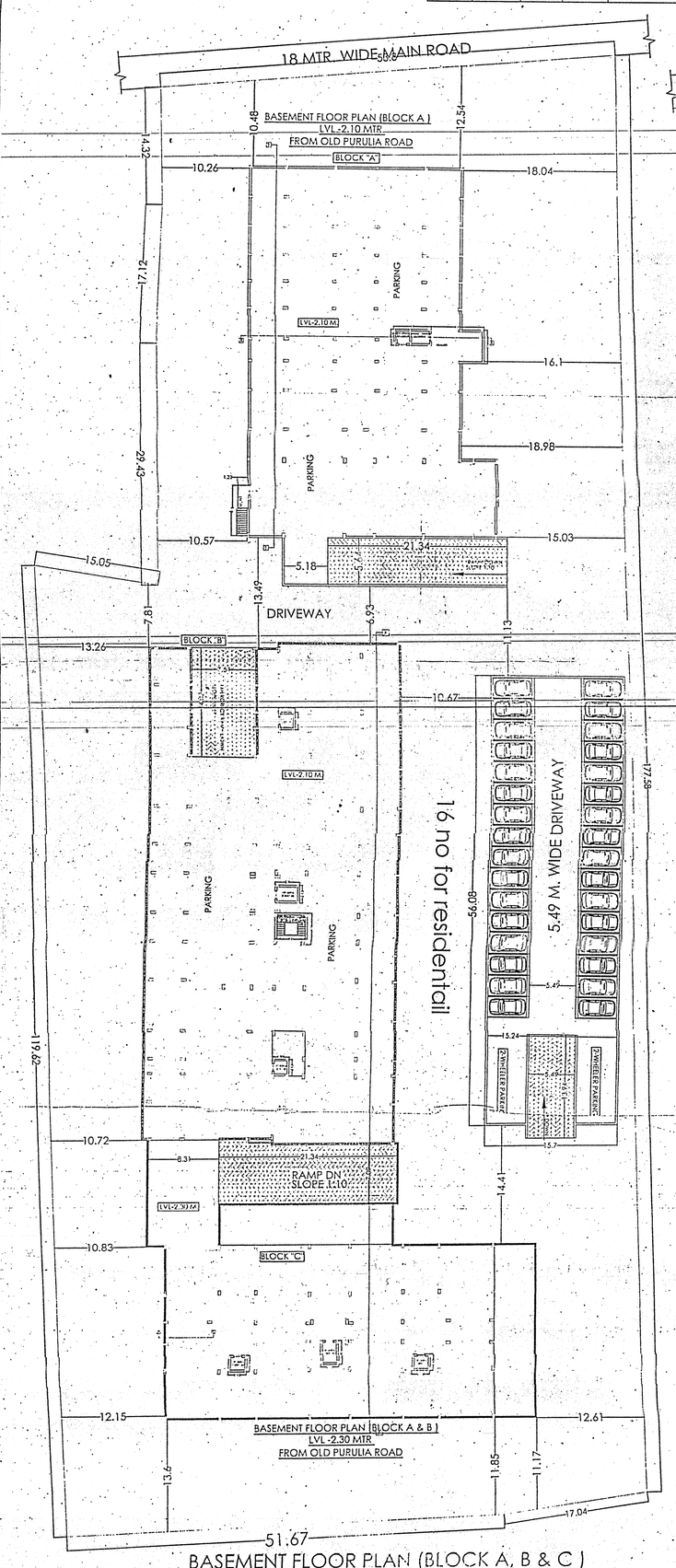
SCHEDULE OF DOOR & WINDOW

TYPE	WIDTH	HT.	SILL	DESCRIPTION
D	1.22	2.13	0'	WOODEN FLUSH DOOR
D1	1.07	2.13	0'	WOODEN FLUSH DOOR
D2	0.84	2.13	0'	WOODEN FLUSH DOOR
D3.	0.76	2.13	0'	WOODEN FLUSH DOOR
W	1.83	1.22	0.90	GLAZED WINDOW
W1	1.52	1.22	0.90	GLAZED WINDOW
W2	1.22	1.22	0.90	GLAZED WINDOW
W3	0.90	1.22	0.90	GLAZED WINDOW
W4	1.52	AS PER ELEVATION		GLAZED WINDOW
W5	0.90	AS PER ELEVATION		GLAZED VENTILATOR
V.	0.60	0.60	1.52	GLAZED VENTILATOR

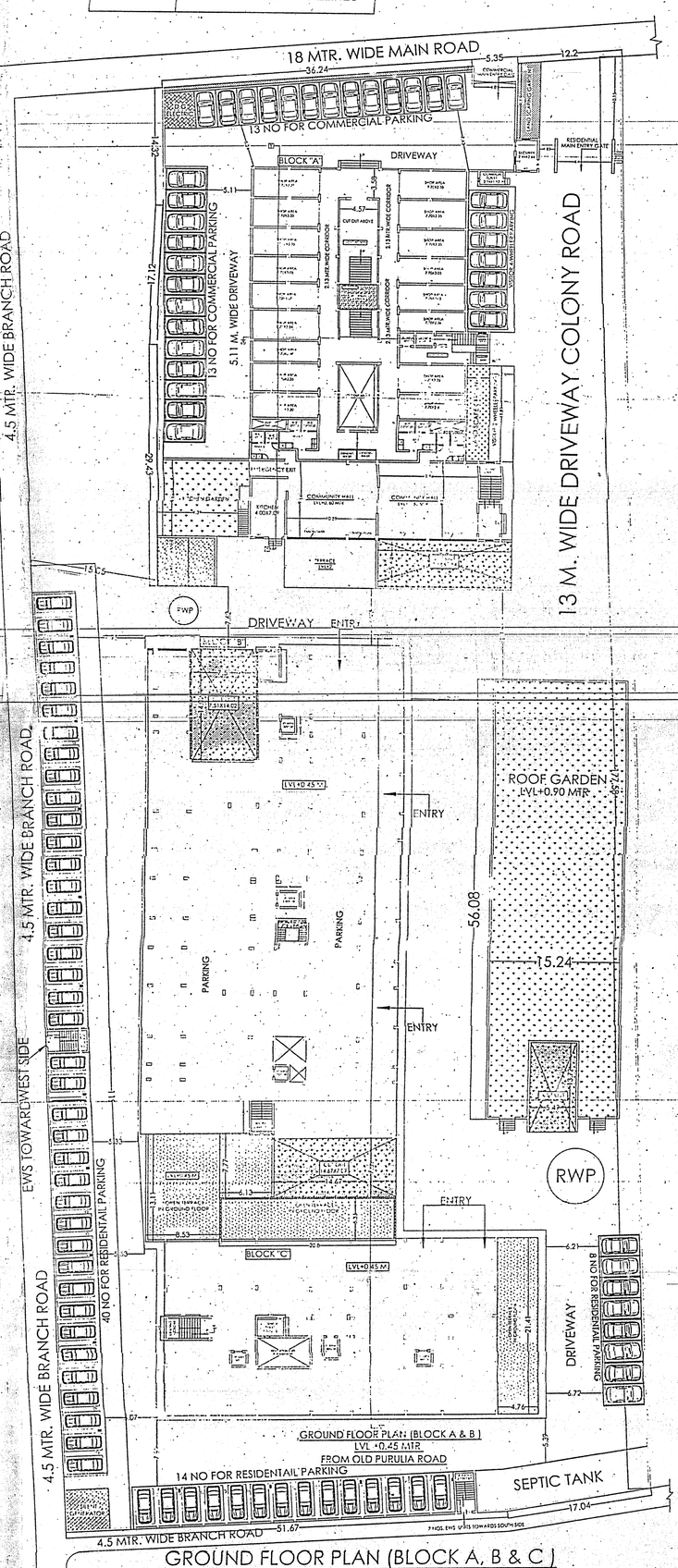
SCHEDULE FOR DRAINAGE PLAN

NOTIFICATION	DISCRIPTION
	INSPECTION CHAMBER
	RECHARGE PIT
	RAIN WATER PIPE
	OVERFLOW OUTLET FOR RECHARGE PIT
	OVERFLOW OUTLET FOR SEPTIC TANK
	SOAK PIT
	DRAIN PIPELINE LAYOUT
	UNDERGROUND PIPELINES

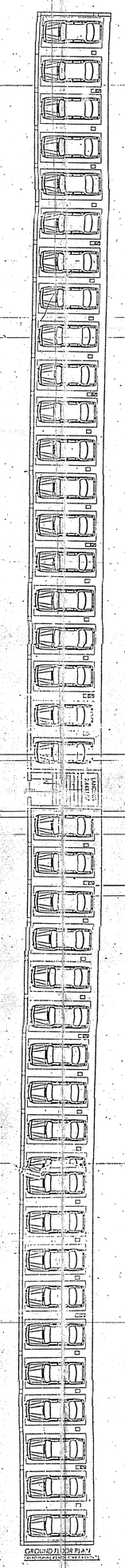
NORTH
WEST EAST
SOUTH



BASEMENT FLOOR PLAN (BLOCK A, B & C)
LVL -2.10 MTR
FROM OLD PURULIA ROAD
SCALE 1:300

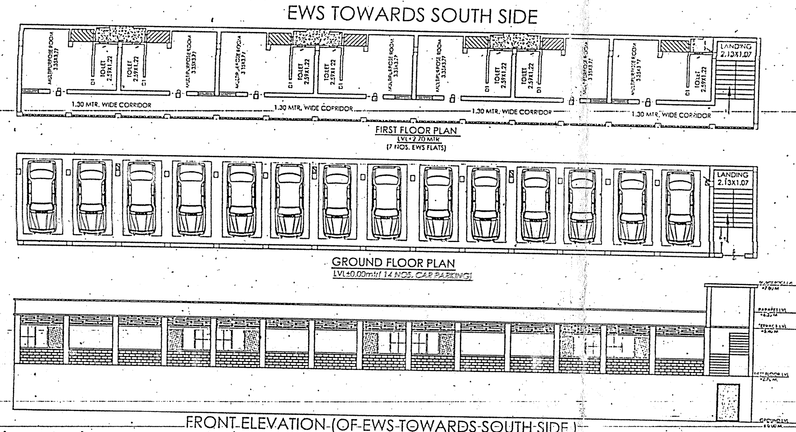


GROUND FLOOR PLAN (BLOCK A, B & C)
LVL+0.45 MTR
FROM OLD PURULIA ROAD
SCALE 1:300



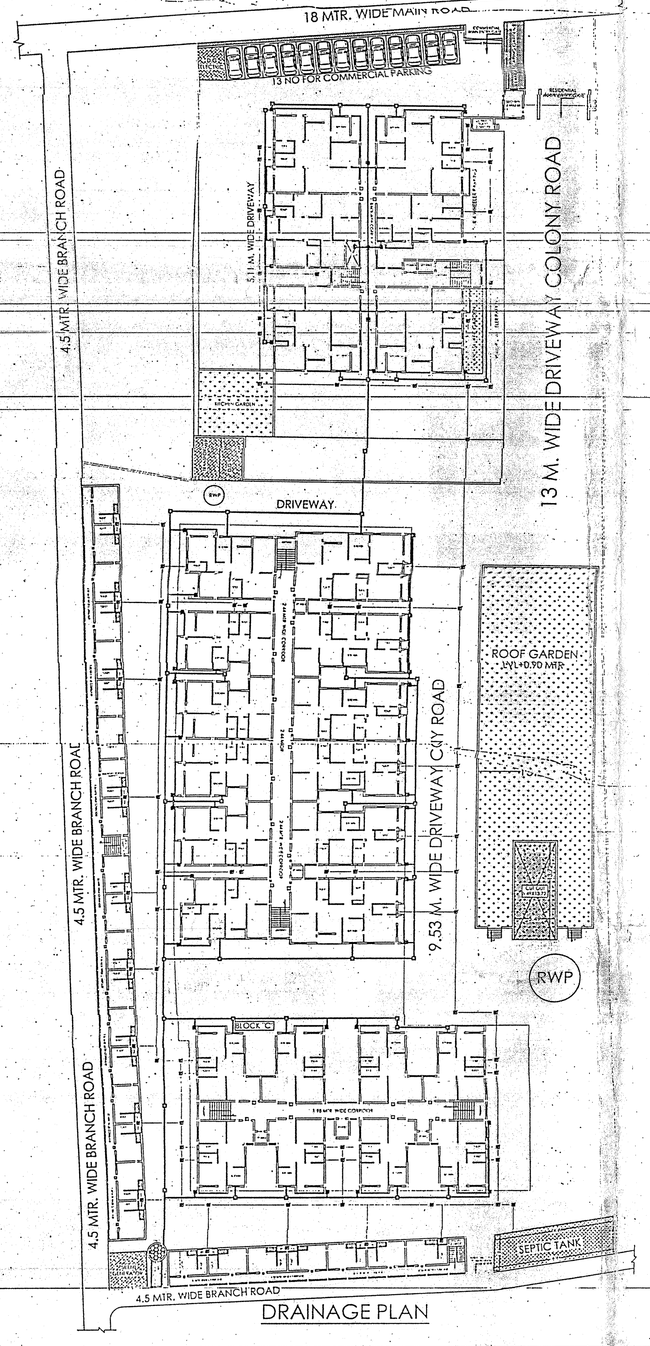
EWS TOWARDS WEST SIDE

EWS TOWARDS SOUTH SIDE



SAHARA'S RIVER VIEW

	COMMUNITY HALL	SHOPS	HIG	MIG	LIG	EWS
BLOCK"A"	PROVIDED	34 NO	8 NO	4 NO	NIL	NIL
BLOCK"B"	NIL	NIL	20 NO	100 NO	NIL	NIL
BLOCK"C"	NIL	NIL	NIL	NIL	80 NO	NIL
EWS UNITS	NIL	-NIL	NIL	NIL	NIL	27 NO
TOTAL	TOTAL	34 NO	28NO	104 NO	80 NO	27 NO



DRAINAGE PLAN

Supported under
Tp. No - 335 of 2019
dt
Addl. Deputy Commissioner
Dhanbad, Jharkhand

PROPOSED RESIDENTIAL CUM COMMERCIAL
BUILDING PLAN FOR
SAHARA'S RIVER VIEW
LAND OWNER

For SAHAY CONSTRUCTION PVT. LTD.
DIRECTOR

DETAILS OF PLOT :-

PLOT NO :- 3621(P),3642(P),3643(a,b&c) & 3645(P)
KATHA NO :- 312
MOUZA :- PARDIH
WARD NO - 8 MNAC (MANGO)
P.S :- MANGO , THANA NO :- 1641
DISTRICT :- EAST SINGHBHUM
TOWN :- JAMSHEDPUR- JHARKHAND

CONTENTS :-

* BASEMENT FLOOR PLAN (BLOCK A, B & C)
* GROUND FLOR PLAN (BLOCK A, B & C)
* DRAINAGE PLAN (BLOCK A, B & C)
* EWS TOWARDS WEST SIDE PLAN
* EWS TOWARDS SOUTH SIDE PLAN
* FRONT ELEVATION (OF EWS TOWARDS SOUTH SIDE)

ANOOP KUMAR
B.E.(Civil), AMIE
MNAC REG.No.CE-7/7
PLANNER

SH. NO 2/5

SCHEDULE OF DOOR & WINDOW

TYPE	WIDTH	HT.	SILL	DESCRIPTION
D	1.22	2.13	0'	WOODEN FLUSH DOOR
D1	1.07	2.13	0'	WOODEN FLUSH DOOR
D2	0.84	2.13	0'	WOODEN FLUSH DOOR
D3	0.76	2.13	0'	WOODEN FLUSH DOOR
W	1.83	1.22	0.90	GLAZED WINDOW
W1	1.52	1.22	0.90	GLAZED WINDOW
W2	1.22	1.22	0.90	GLAZED WINDOW
W3	0.90	1.22	0.90	GLAZED WINDOW
W4	1.52	AS PER ELEVATION		GLAZED WINDOW
W5	0.90	AS PER ELEVATION		GLAZED VENTILATOR
V	0.60	0.60	1.52	GLAZED VENTILATOR

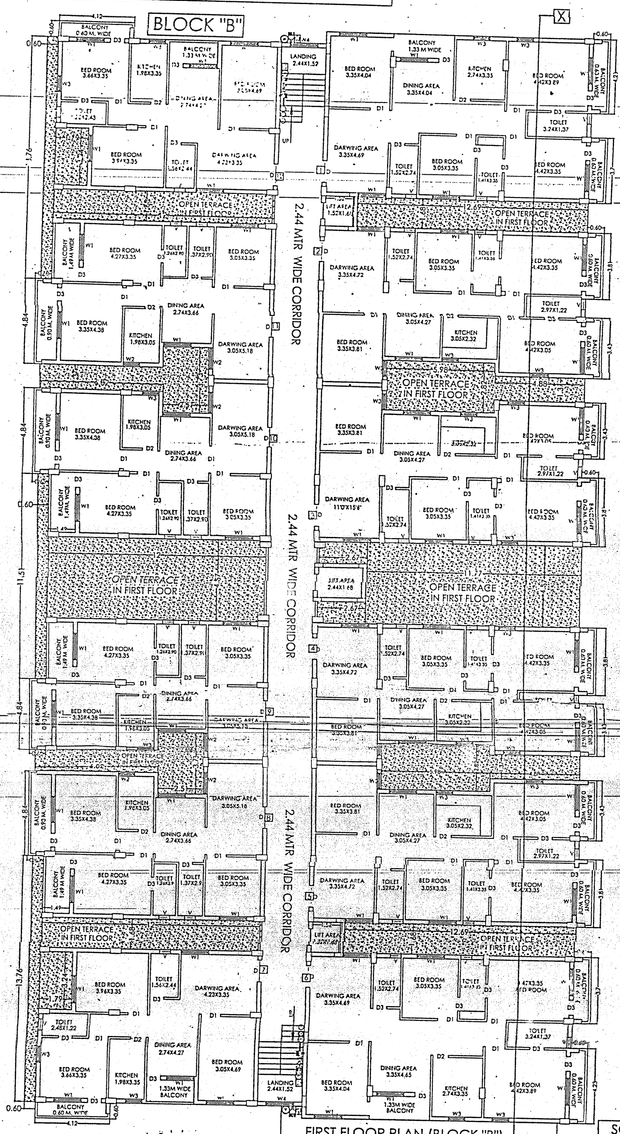
FIRE PROTECTION INDEX

W	WET RISER CUM DOWN COMER
	FIRE CALL POINT
H	HYDRANT OUTLET
	HOSE REEL HOSE
	FIRE SERVICE INLET
	HOOTER
	AERA PROTECTED BY AUTOMATIC DCP EXTINGUISHER
	HOSE BOX WITH DELIVERY HOSE & BRANCH
S	AREA PROTECTED WITH AUTOMATIC SPRINKLES
	AERA PROTECTED WITH SMOKE DETECTORS WITH CONTROL PANEL

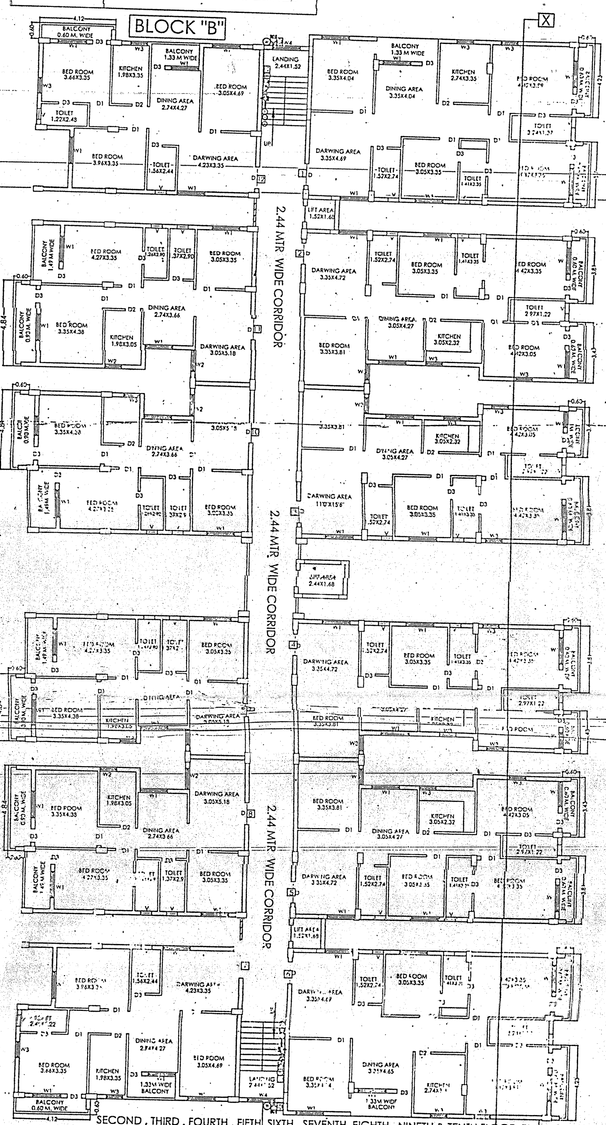
SCHEDULE FOR DRAINAGE PLAN

NOTIFICATION	DISCRIPTION
	INSPECTION CHAMBER
	RECHARGE PIT
	RAIN WATER PIPE
	OVERFLOW OUTLET FOR RECHARGE PIT
	OVERFLOW OUTLET FOR SEPTIC TANK
	SOAK PIT
	DRAIN PIPELINE LAYOUT
	UNDERGROUND PIPELINES

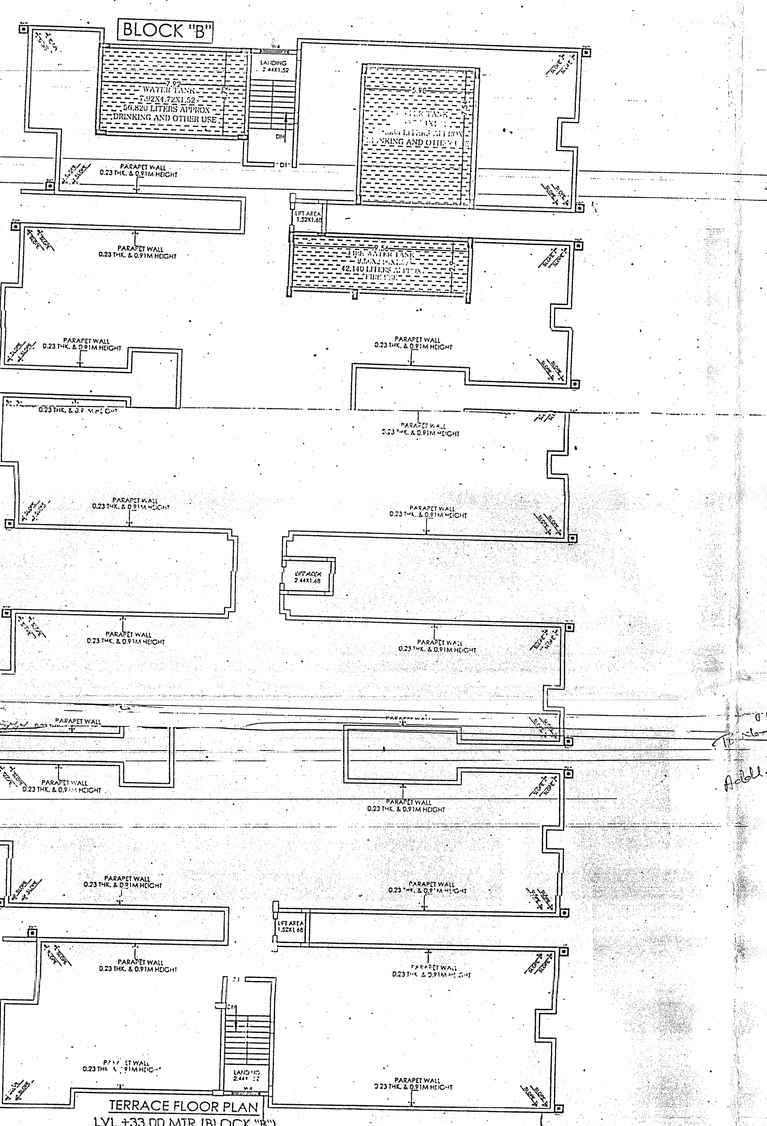
BLOCK "B"



FIRST FLOOR PLAN (BLOCK "B")
LVL +3.00 MTR
SCALE 1:150



SECOND , THIRD , FOURTH , FIFTH, SIXTH , SEVENTH, EIGHTH , NINETH & TENTH FLOOR PLAN
LVL+6.00 , +9.00 , +12.00 , 15.00, 18.00, 21.00, 24.00 , 27.00 & 30.00 MTR
SCALE 1:150

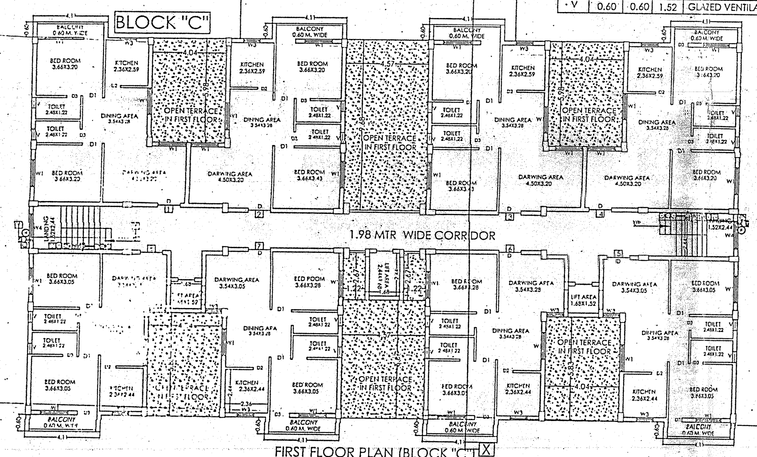


TERRACE FLOOR PLAN
LVL +33.00 MTR (BLOCK "B")

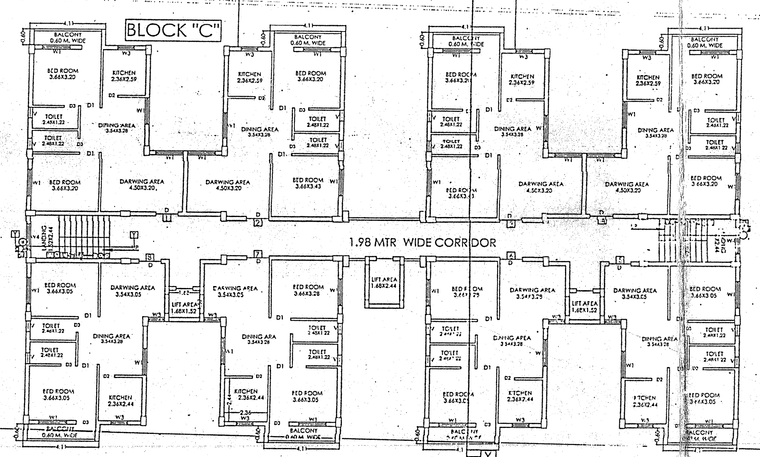
SCHEDULE OF DOOR & WINDOW

TYPE	WIDTH	HT.	SILL	DESCRIPTION
D	1.22	2.13	0'	WOODEN FLUSH DOOR
D1	1.07	2.13	0'	WOODEN FLUSH DOOR
D2	0.84	2.13	0'	WOODEN FLUSH DOOR
W	1.83	1.22	0.90	GLAZED WINDOW
W1	1.52	1.22	0.90	GLAZED WINDOW
W2	1.22	1.22	0.90	GLAZED WINDOW
W3	0.90	1.22	0.90	GLAZED WINDOW
W4	1.52	AS PER ELEVATION		GLAZED WINDOW
W5	0.90	AS PER ELEVATION		GLAZED VENTILATOR
V	0.60	0.60	1.52	GLAZED VENTILATOR

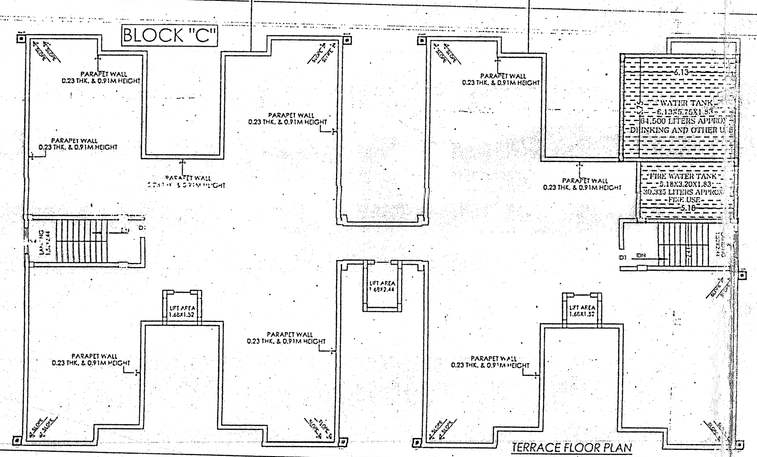
BLOCK "C"



FIRST FLOOR PLAN (BLOCK "C")
LVL +3.00 MTR
SCALE 1:150



SECOND , THIRD , FOURTH , FIFTH, SIXTH , SEVENTH, EIGHTH , NINETH & TENTH FLOOR PLAN
LVL+6.00 , +9.00 , +12.00 , 15.00, 18.00, 21.00, 24.00 , 27.00 & 30.00 MTR
SCALE 1:150



TERRACE FLOOR PLAN
LVL+33.00 MTR (BLOCK "C")
SCALE 1:150

शालगो अधिसूचित क्षेत्र समिति का कार्यालय, जमशेदपुर।

झारखण्ड नगरपालिका अधिनियम 2011 की धारा 414 एवं 415 सपठित अधिसूचना सं. 05 प्रशासी का भवन प्राधिकार संख्या-JSR/ 3621 /2016 दिनांक 5.4.2017

भवन संख्या:- 3621(P), 3642(P), 3643 (a,b,& c) 3645(P), ग्राम संख्या:- 312 थाना-मानगो, वार्ड नं०- 8 का भवन निर्माण हेतु प्रस्ताव प्राप्त होने पर भवन अधिनियम के अन्तर्गत में प्रावधानित एवं अनुमोदित भवन मानचित्र- Basement (P.A.R.) + Ground Floor (Parking) + 1st Floor (Res.), Height=3.65M, तथा कार्यालय हेतु Basement (Parking) + Ground Floor (Parking) + 1st Floor (Res.), Height= 3.05M, कुल ऊंचाई 6.70M का भवन निर्माण हेतु अनुज्ञप्ति दिया जाता है। अनुज्ञप्ति दिया गया है। अनुज्ञप्ति प्रदान की जाती है साथ भवन की निम्नांकित शर्तें भी लागू होंगी।

1. अनुज्ञप्ति मुख्य की यदि जानकारी या दस्तावेज में अंतर पाया गया तो भवन पाये जाने पर भवन भवन की अनुज्ञप्ति रद्द करते हुए आवश्यक कार्यवाही की जायेगी।
2. अनुज्ञप्ति भवन मानचित्र में किसी प्रकार का परिवर्तन भवन निर्माण एवं उसकी उपयोगिता में भवन की होगा। परिवर्तन की अनुज्ञप्ति से भवन को ढाह/गिराने की स्थिति में अनुज्ञप्ति रद्द कर दी जायेगी।
3. अनुज्ञप्ति में उल्लिखित अनुज्ञप्त भवन निर्माण/उपयोगिता भवन/उपयोग भवन अतिरिक्त निर्माण में अनुज्ञप्त होगा। निर्माण कार्य को प्रारम्भ करने/भवन उपयोग में लाने पूर्व भवन अनुज्ञप्ता का अग्निशमन पदाधिकारी अग्निशमन से भवन-भवन निर्माणकर्ता को प्रमाण-पत्र निर्गत कराना होगा।
4. अनुज्ञप्ता के भवन अनुज्ञप्तियों का निर्माण, अनुज्ञप्ति भवन के मानचित्र विनोद का निर्माण कार्य पूर्ण होने पर भवन का कार्य अनिवार्य रूप से भवन उपयोग प्रारम्भ होगा।
5. निर्माण कार्य में अनुज्ञप्ता होने की सूचना सम्बन्धित कार्यालय को देते हुए भवन उपयोग प्रारम्भ कर प्रमाण-पत्र निर्गत कराना होगा। भवन उपयोग प्रारम्भ होने पूर्व भवन का उपयोग नहीं होगा।
6. निर्माणकर्ता को अनुज्ञप्ति में अनुज्ञप्ति भवन अनुज्ञप्ति की अवधारण भवन कार्य करेगा।
7. निर्माणकर्ता को किसी दुर्घटनाजनक की अवस्था अथवा होगी। भवन भवन अनुज्ञप्ति को अधिनियम 414 एवं 415 एवं 416 अनुज्ञप्ति की अधिनियम के अन्तर्गत कार्यवाही की जायेगी।
8. अग्नि शमन अभिशमन व्यवस्थाओं के लिए भवन-निर्माण-उपयोग होने पर अग्निशमन पदाधिकारी से भवन अनुज्ञप्ति भवन प्राप्त करना होगा।
9. Rain Water Harvesting के बाद Ground Water Recharging का प्रावधान भूमिगत जल संरक्षण हेतु करना होगा।
10. भवन निर्माण के बाद भवन उपयोग प्रारम्भ होने के पूर्व भवन का Completion Certificate भवन उपयोग प्रारम्भ होने के पूर्व भवन का Occupancy Certificate भवन निर्माण पूर्ण होने पर भवन के Occupancy पाने के बाद ही भवन का उपयोग प्रारम्भ होगा।
11. भवन निर्माण पूर्ण होने पर Completion Certificate के साथ भवन अनुज्ञप्ता को भूमिगत जल संरक्षण हेतु Rain Water Harvesting एवं Ground Water Recharging की व्यवस्था की जानी है।
12. भवन निर्माण के दौरान भवन अनुज्ञप्ता द्वारा भवन पर्याप्त मात्रा में निर्माण सामग्री रखा है जो भवन निर्माण का भवन का अनुज्ञप्ता होगा।
13. भवन निर्माण के दौरान भवन अनुज्ञप्ता द्वारा भवन पर्याप्त मात्रा में निर्माण सामग्री रखा है जो भवन निर्माण का भवन का अनुज्ञप्ता होगा।
14. भवन निर्माण के दौरान भवन अनुज्ञप्ता द्वारा भवन पर्याप्त मात्रा में निर्माण सामग्री रखा है जो भवन निर्माण का भवन का अनुज्ञप्ता होगा।
15. निर्माण कार्य के दौरान भवन अनुज्ञप्ता द्वारा भवन पर्याप्त मात्रा में निर्माण सामग्री रखा है जो भवन निर्माण का भवन का अनुज्ञप्ता होगा।
16. भवन में अनुज्ञप्ति प्रदान का अधिक प्रयास अनुज्ञप्ति में।
17. भवन भवन की अनुज्ञप्ति यदि भवन भवन में हो तो अधिक, निर्माणकर्ता तथा अनुज्ञप्तिधारी अधिकार को अनुज्ञप्ति भवन की अनुज्ञप्ति भवन प्राप्त करना होगा।
18. भवनादि निर्माण अधिनियम के NOC ID संख्या- JAMS/EAST/SI/2016/ 120248
19. निर्माणकर्ता के अधिकार के अधिकार का निर्माण के TDR No. प्राप्त करना आवश्यक है। का होगा।
20. यह अनुज्ञप्ति निम्न दिये गये निर्देश के भवन भवन की के लिए ही विधिमान्य होगा।

विशेष पदाधिकारी
शालगो अधिसूचित क्षेत्र समिति

शालगो अधिसूचित क्षेत्र समिति
जमशेदपुर
पत्रांक सं०3621(P),3642(P),3643(a,b&c),3645(P)
शाखा सं०.....312.....
मौजा.....मानगो.....
खाई सं०.....08.....
दिनांक.....
श्री/श्रीमती/मे० समाय कंस्ट्रक्शन प्रा लि०
पिता/पति/फर्म का नाम.....
को सूचित किया जाता है कि उनका प्रस्ताव Basement (P.A.R.) + Ground Floor (Parking) + 1st Floor (Res.) Height=3.65M, तथा कार्यालय हेतु Basement (Parking) + Ground Floor (Parking) + 1st Floor (Res.), Height= 3.05M, कुल ऊंचाई 6.70M का भवन निर्माण हेतु भवन मानचित्र सह भवन प्राप्त की स्वीकृति, भवन निर्माण हेतु भवन प्राप्त की स्वीकृति, अग्निशमन पदाधिकारी, शालगो अधिसूचित क्षेत्र समिति, जमशेदपुर के निर्देशानुसार सशर्त स्वीकृत किया जाता है।
शर्तें के लिए अग्निशमन पदाधिकारी, शालगो अधिसूचित क्षेत्र समिति, जमशेदपुर।
भवन निर्माण हेतु भवन प्राप्त की स्वीकृति, भवन निर्माण हेतु भवन प्राप्त की स्वीकृति, अग्निशमन पदाधिकारी, शालगो अधिसूचित क्षेत्र समिति, जमशेदपुर के निर्देशानुसार सशर्त स्वीकृत किया जाता है।
दिनांक.....से वर्णित शर्तों के आधार पर दी जाती है।

विशेष पदाधिकारी
अ.जा.अ.
शालगो

PROPOSED RESIDENTIAL CUM COMMERCIAL BUILDING PLAN FOR

SAHARA'S RIVER VIEW

M/S SAMAY CONSTRUCTION PVT.LTD.

DIRECTOR

For SAMAY CONSTRUCTION PVT. LTD.

DIRECTOR

DETAILS OF PLOT :-

PLOT NO :- 3621(P),3642(P),3643(a,b&c) & 3645(P)
KATHA NO :- 312
MOUZA :- PARDIH
WARD NO :- 8 MNAC (MANGO)
P.S :- MANGO , THANA NO :- 1641
DISTRICT :- EAST SINGHBHUM
TOWN :- JAMSHEDPUR- JHARKHAND

CONTENTS :-

* FIRST FLOOR PLAN (BLOCK B & C)
* TYPICAL FLOOR PLAN (BLOCK B & C)
* TERRACE FLOOR PLAN (BLOCK B & C)

ANOOP KUMAR
A.....B.E.(Civil), AMIE
MN.....REG.No.CE-7/7
PLANNER

SH. NO 3/5

PROPOSED RESIDENTIAL CUM COMMERCIAL
BUILDING PLAN FOR

SAHARA'S RIVER VIEW

LAND OWNER

M/S SAMAY CONSTRUCTION PVT.LTD.

DIRECTOR

For SAMAY CONSTRUCTION PVT. LTD.

Director

DETAILS OF PLOT :-

PLOT NO :- 3621(P),3642(P),3643(a,b&c) & 3645(P)

KATHA NO :-312

MOUZA :- PARDIH

P.S :- MANGO , THANA NO :- 1641

DISTRICT :- EAST SINGHBHUM

TOWN :- JAMSHEDPUR- JHARKHAND

CONTENTS :-

- SECTION 'X-X' (BLOCK B & C)
- SECTION 'Y-Y' (BLOCK B & C)
- FRONT ELEVATION (BLOCK B & C)
- SIDE ELEVATION (BLOCK B & C)
- SCHEDULE FOR DOOR & WINDOW
- SCHEDULE FIRE PROTECTION INDEX
- SCHEDULE FOR DRAINAGE PLAN

SH. NO	4/5

ANOOP KUMAR
B.E (civil), AMIE
MAA REG.No.CE-777
PLANNER

FRONT ELEVATION OF BLACK "B" & "C"
SCALE:1:150

SIDE ELEVATION OF BLACK "B" & "C"
SCALE:1:150

SECTION AT X-X (BLACK "B" & "C")
SCALE:1:150

SECTION AT Y-Y (BLACK "B" & "C")
SCALE:1:150

BLOCK - C
BLOCK - B
BLOCK - C
BLOCK -B

NORTH
SOUTH
EAST
WEST

FIRE PROTECTION INDEX

W	WET RISER CUM DOWN COMER
◎	FIRE CALL POINT
H	HYDRANT OUTLET
	HOSE REEL HOSE
	FIRE SERVICE INLET
	HOOTER
	AERA PROTECTED BY AUTOMATIC DCP EXTINGUISHER
S	HOSE BOX WITH DELIVERY HOSE & BRANCH
S	AREA PROTECTED WITH AUTOMATIC SPRINKLERS
A	AERA PROTECTED WITH SMOKE DEETCTORS
	WITH CONTROL PANEL

SCHEDULE OF DOOR & WINDOW

TYPE	WIDTH	HT.	SILL	DESCRIPTION
D	1.22	2.13	0"	WOODEN FLUSH DOOR
D1	1.07	2.13	0"	WOODEN FLUSH DOOR
D2	0.84	2.13	0"	WOODEN FLUSH DOOR
D3	0.76	2.13	0"	WOODEN FLUSH DOOR
W	1.83	1.22	0.90	GLAZED WINDOW
W1	1.52	1.22	0.90	GLAZED WINDOW
W2	1.22	1.22	0.90	GLAZED WINDOW
W3	0.90	1.22	0.90	GLAZED WINDOW
W4	1.52	AS PER ELEVATION		GLAZED WINDOW
W5	0.90	AS PER ELEVATION		GLAZED VENTILLATOR
V	0.60	0.60	1.52	GLAZED VENTILLATOR

SCHEDULE FOR DRAINAGE PLAN

NOTIFICATION	DISCRIPTION
	INSPECTION CHAMBER
	RECHARGE PIT
	RAIN WATER PIPE
	OVERFLOW OUTLET FOR RECHARGE PIT
	OVERFLOW OUTLET FOR SEPTIC TANK
	SOAK PIT
	DRAIN PIPELINE LAYOUT
	UNDERGROUND PIPELINES

Plan Of Surface Water Percolation Syestem To Sub-Soil

Section Of Surface Water Percolation Syestem To Sub-Soil

Roof Top Rain Water
Collection Syestem

PLAN OF SEPTIC TANK

SECTION OF SEPTIC TANK

SECTION OF FOUNDATION

R.C.C CHAJJA SUN-DESIGN

VERTICAL AS DESIGN

SLOPING AS DESIGN

COLUMN as design

O.G.L

AS DESIGN

AS PER DESIGN

AS PER DESIGN

AS PER DESIGN

AS PER DESIGN

1.12 MT. WALL

1.12 MT. WALL

INLET

OUTLET

100mm PCC

75mm SOLING

100mm BOOP

MANHOLE

MANHOLE

100mm O OUTLET

RCC BEAM

TERRACE LVL

PLINTH LVL

FINISHED GRLVL

NATURAL GRLVL

AS/SITE

100/150 Ø cleaning door

100/150 Ø RCWP Rain Water

percolation chimney
as per detail

AS / SITE

AS / SITE

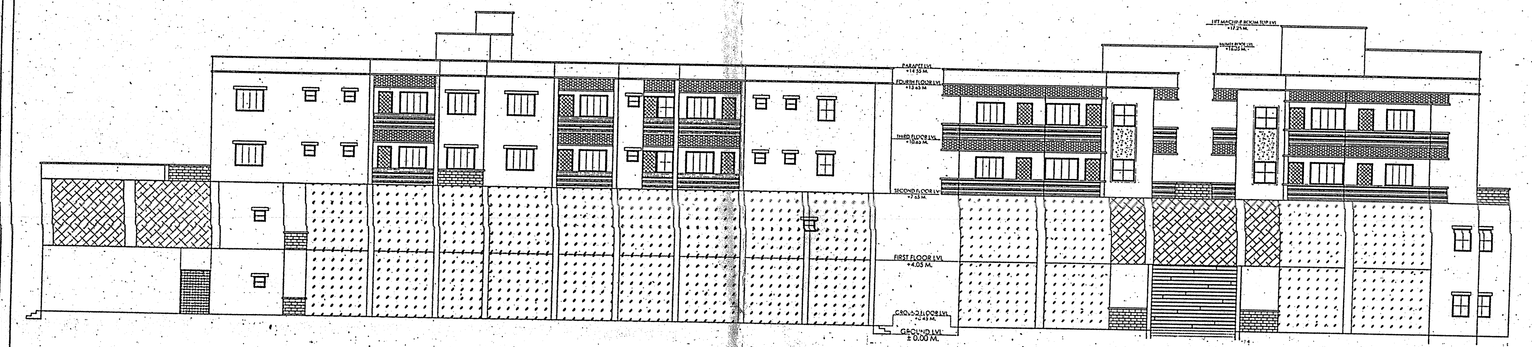
AS / SITE

AS / SITE

1.300

1.300

1.300


PARAPET WALL
PARAPET
TERRACE
SHOP AREA
SHOP AREA
SHOP AREA