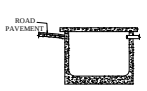


① C.C CAP PLAN AT S_{P1}

GREEN AREA CALCULATION :-

NET PLOT AREA = 884.93 SMT
REQUIRED GREEN AREA 5% OF 884.93 SMT
= 44.24 SMT
PROVISION OF GREEN AREA
=(30.78X0.60)+(26.32X1.00)
= 44.78 SMT



DRAINAGE LINE SECTION

WATER HARVESING CALCULAION

TERRACE FLOOR AREA= 508.36 SQ.M
REQUIRED SIZE OF WELL =6 CUBIC METER/100 SQ M. AREA
REQUIRED SIZE OF WELL = 5.08 X6 =30.48 CUM
PROVISION OF WELL = 3.14X1.50X1.50X5.00= 35.32 CUM

SEPTIC TANK CALCULATION

TOTAL NO OF PERSONS - 156 PERSON.
VOLUME REQUIRED @ 0.085 PER HEAD PER DAY. 0.085 X 156
= 13.26 M^3 PROVISION OF SEPTIC TANK - 14.91 M^3.
SIZE - 3.50 X 2.00X 2.13= 14.91 M. ^{3}

WATER TANK CALCULATION

GROUND FL. BUILT UP AREA :- 247.76 M SQ M.

CARPET AREA

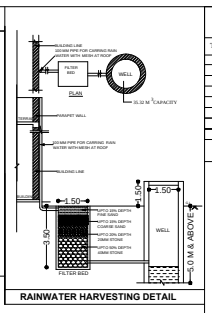
FOR OFFICE

TOTAL CARPET AREA :- 247.76/2= 123.88 M SQ M.
ASSUME 6 PERSONS FOR EVERY 100 M ^{2}CARPET AREA
$\frac{123.88}{100}$ x 6= 7.43 SAY 8 NOS.

TOTAL NO OF FLAT- 6 X4 = 24 NOS
PERSONS ASSUME@ 6 PERSONS PER FLATS
-24X6=144+8 = 152 PERSONS.
4 PERSONS EXTRA FOR LIFT MAN&
GUARD SO TOTAL PERSONS -152+4= 156 PERSONS
WATER REQUIRED @ 135 LTR. PER HEAD PER DAY
135 X 156 = 21,060.00 LTR +10,000.00 LTR FIRE FIGHTING
TOTAL REQUIREMENT.= 31,060.00 LTS. = 31.06 M ^{3}
PROVISION OF WATER TANK-- 32.33 M ^{3}
SIZE : - 2.44 X 5.30X 2.50 = 32.33 M ^{3}

FIRE LEGEND

[1] HYDRANT POINT — (H) (WET RISING SYSTAM)
[2] HOSE REAL
[3] I.S.I MARKED F.E
[4] PHOTOLUMICENT SIGN. — EXIT
[5] SEWERAGE CONNECTION
[6] SPRINKLER'S INSTALLATION — (S)
[7] MANUAL CALL ALARM POINT — F.D.
(8) F.D. FIRE RESISITING DOOR
[09] AREA COVERED WITH SMOKE DETECTION SYSTEM — ASA
[10] OVER HEAD WATER STATIC TANK 10,000 LITERS CAPACITY — 10,000
[11] EMERGENCY LIGHT
[12] P. A . SYSTAM
(13) FIRE EXTINGUISHER CO $_2$TYPE — CO_2
(14) U.G WATER TANK = 10,000 LIRS — 10,000
(15) PROVISION OF MECHANICAL VENTILATION FOR BASEMENT



RAINWATER HARVESTING DETAIL

SCHEDULE OF ROLLING SHUTTER

TYPE	WIDTH	HEIGHT	SILL. LEV.	LIN .LEV.	DESCRIPTION
R.S.	4.55	2.40	0.0	2.40	ROLLING SUTTER
R.S.1	2.75	2.40	0.0	2.40	DO
R.S.2	2.82	2.40	0.0	2.40	DO
R.S.3	2.86	2.40	0.0	2.40	DO
R.S.4	2.58	2.40	0.0	2.40	DO
R.S.5	3.33	2.40	0.0	2.40	DO

PARKING AREA CALCULATION

COMMERCIAL :-

GROUND FL. BUILT UP AREA :- 247.76 M SQ M.
PROVIDE 30% OF BUILT UP AREA AS REQUIRED PARKING AREA
REQUIRED PARKING AREA= 74.32 SQ.M

RESIDENTIAL :- OR

BASEMENT FLOOR B/U AREA = 14.26 Sqmt.
FIRST FLOOR B/U AREA = 484.79 Sqmt.
SECOND FLOOR B/U AREA = 484.79 Sqmt.
THIRD FLOOR B/U AREA = 484.79 Sqmt.
FOURTH FLOOR B/U AREA = 484.79 Sqmt.
TOTAL BUILT-UP AREA = 1953.42 Sqmt.

(TOTAL BUILT UP AREA:- 1953.42 SQ. M)
PROVIDE 25% OF BUILT UP AREA AS REQUIRED PARKING AREA
= 488.35 SQ.M.
TOTAL REQUIRED PARKING AREA= 74.32 + 488.35 SQ.M
TOTAL REQUIRED = 562.67 SQ.M
PROVISION OF COVERED PARKING AREA-
BASEMENT FL. PARKING AREA- 488.70 SQ.M
GROUND FL. PARKING AREA- 110.66 SQ.M
TOTAL PARKING AREA = 488.70+110.66= 599.36 SQ.M



SECTION AT X-X



FRONT ELEVATION

PROPOSED RESIDENTIAL BUILDING FOR -
1. SRI RAGHVENRA PRATAP SINGH S/O- LATE GANESH SINGH
2. SMT. KANCHAN DEVI W/O- SRI NARENDRA SINGH
3. SRI. DHIRENDRA KUMAR SINGH S/O- LATE JAGMOHAN SINGH
4. SRI. ARUN KUMAR SINGH S/O- LATE JAGMOHAN SINGH

ON PLOT NO. - 54(P), KHATA NO.- 191, TAUZI NO.- 5276, THANA NO.
- 36, THANA - KHAGOUL, MAUZA - MUSTAFAPUR, DIST.- PATNA.

ALL DIMENTION IN METER

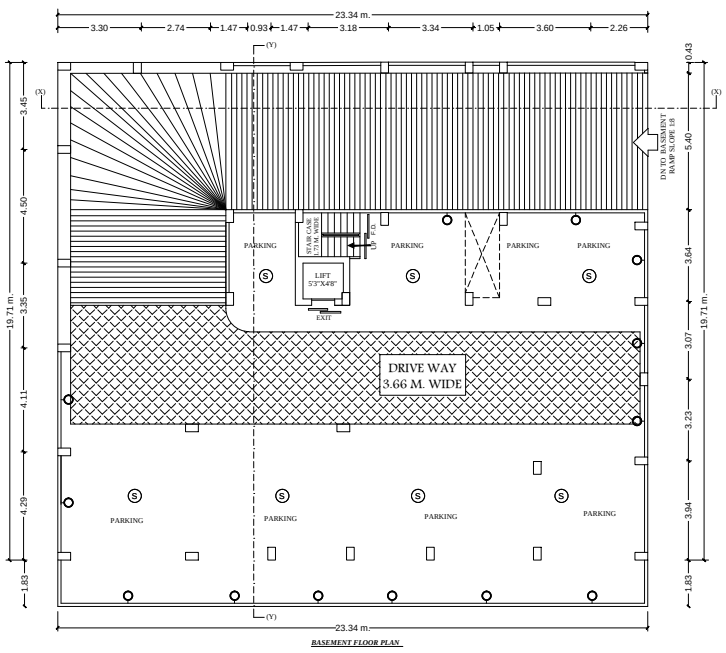
SCALE-1:100
SITE PLAN-1:200

SHEET No-01.

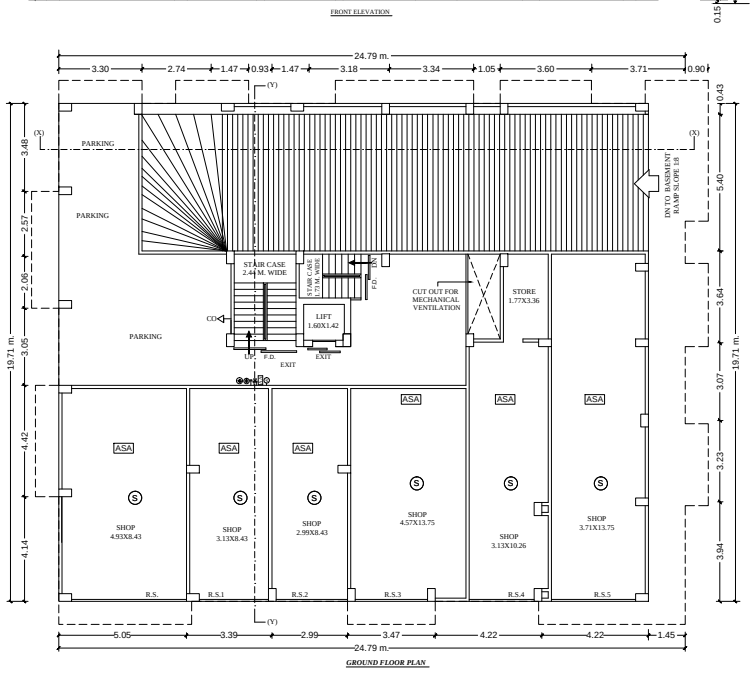
NORTH:-

SIGNATURE OF OWNER. | SIGNATURE OF ENGINEER

SIGNATURE OF STRUCTURE ENGINEER



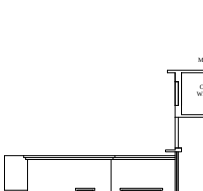
BASEMENT FLOOR PLAN



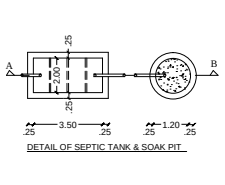
GROUND FLOOR PLAN

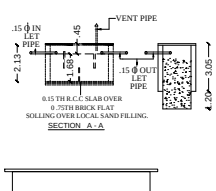
SCHEDULE OF DOORS & WINDOWS

TYPE	WIDTH	HEIGHT	SILL. LEV.	LIN .LEV.	DESCRIPTION
D	1.07	2.55	0.0	2.55	PANNEL
D1	0.91	2.13	0.0	2.13	DO
D2	0.76	2.13	0.0	2.13	DO
W	1.52	1.64	0.76	2.55	GLAZED
W1	1.37	1.64	0.76	2.55	DO
W2	1.04	1.64	0.76	2.55	DO
W3	0.91	1.64	0.76	2.55	DO
W4	0.91	1.64	0.76	2.55	DO
W5	0.91	1.48	1.07	2.55	DO
DW	0.76/0.98	1.64	0.76	2.55	DO
DW1	0.76/0.89	1.64	0.76	2.55	DO
V	0.61	1.03	1.37	2.55	DO



SECTION AT Y-Y



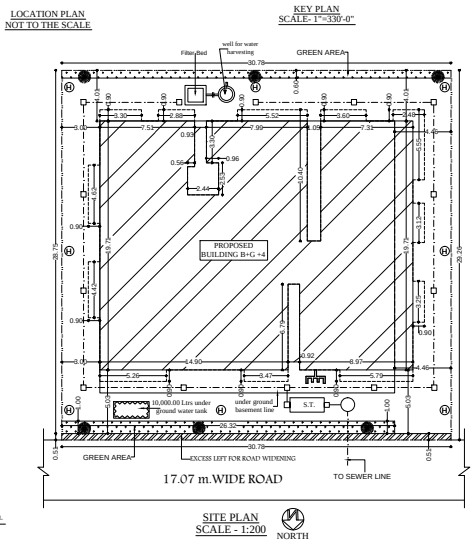




RIGHT SIDE ELEVATION

LOCATION PLAN
NOT TO THE SCALE

KEY PLAN
SCALE- 1"=330'-0"



SITE PLAN
SCALE - 1:200

NORTH

AREA CALCULATION

AREA AS/ POSSESSION = 900.62 Sqmt.
AREA AS/DEED = 885.40 Sqmt.
EXCESS LEFT FOR ROAD WIDENING = **15.69** Sqmt.
NET PLOT AREA = 884.93 Sqmt.

SEMI BASEMENT B/U AREA = 14.26 Sqmt.
GROUND FLOOR B/U AREA = 247.76 Sqmt.
FIRST FLOOR B/U AREA = 461.22+(47.14/2=23.57) Sqmt.
SECOND FLOOR B/U AREA = 461.22+(47.14/2=23.57) Sqmt.
THIRD FLOOR B/U AREA = 461.22+(47.14/2=23.57) Sqmt.
FOURTH FLOOR B/U AREA = 461.22+(47.14/2=23.57) Sqmt.
TOTAL BUILT-UP AREA = 2106.90+(188.56/2=94.28) Sqmt.
= 2201.18 SQ.M

TOTAL B/U AREA INCLUDING 50% OF PROJECTED BALCONY AREA = 2201.18 Sqmt.

(TAKING HALF AREA OF BALCONY FOR CONSIDERATION F.A.R-)

FAR = $\frac{2201.18}{885.40}$ = 2.486

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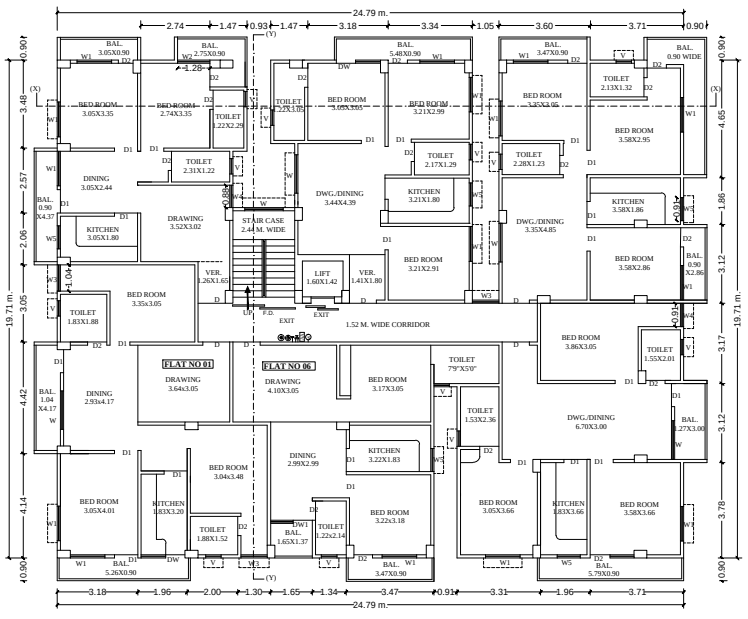
SCALE-1:100
1:200

SHEET No-02.

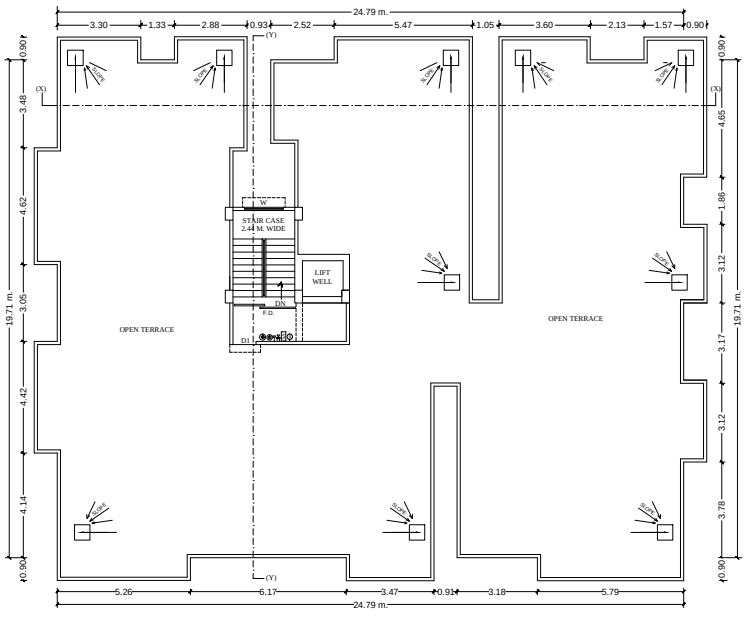
NORTH:-

SIGNATURE OF OWNER. | SIGNATURE OF ENGINEER

SIGNATURE OF STRUCTURE ENGINEER



TYPICAL FLOOR PLAN



TERRACE FLOOR PLAN