PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

PLOT DETAILS :-

PROPOSED B+G+4 RESIDENTIAL BUILDING FOR

DEVELOPERS:-

SAPTESHWARI HOMES PVT. LTD

(1) SRI DEEPAK KUMAR SINGH. S/O LATE KEDAR NATH SINGH

(2) SRI SUCHIT KUMAR. S/O VIJAY KUMAR YADAV.

(3) SRI DILEEP KUMAR VERMA S/O SRI SARYUG SHARAN SINGH

P.S.-PATRAKAR NAGAR, KANKARBAGH ,DIST - PATNA

RAM JANKI PATH, GR. FLOOR,KPL NIWAS KALI MANDIR

STATE - BIHAR

MAUZA - JALALPUR, P.S - DANAPUR,

PLOT DETAIL -

SURVEY PLOT NO - 356, THANA NO - 22,

TAUZI NO-5779, KHATA NO- 180, DIST - PATNA

SAPTESHWARI HOMES PVT. LTD.	SIGNATURE OF OWNER.
Director.	
AJIT SINGH ARCHITECT S.MP. No.-CA/2012/56605	ARCHITECT / ENGINEER.

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SCHEDULE OF DOORS & WINDOWS

S.NO	TYPE	WIDTH	CILL	HEIGHT	DESCRIPTION
01	D	0.97	0.0	2.13	SINGLE LEAF DOOR
02	D1	0.88	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	W	1.37	0.76	1.78	FULLY GLAZED WIN
06	W1	1.22	0.76	1.78	FULLY GLAZED WIN
07	W2	0.91	1.06	1.48	FULLY GLAZED WIN
08	W3	0.61	4.78	0.76	FULLY GLAZED WIN
09	DW	0.76XX.00	0.0XX.76	1.78XX.13	DOOR&WINDOW
10	DW1	0.76XX.65	0.0XX.76	1.78XX.13	DOOR&WINDOW

SPECIFICATION:-

1. **FOUNDATION** - R.C.C. UNDER REAMED PILE FOUNDATION 6.0 M DEEP WITH R.C.C. AS/ STRUCTURAL ENGINEER
2. **SUPER STRUCTURE** - 1st CLASS BRICK WORK IN SUPER STRUCTURE WITH CEMENT MORTER 1:6.
3. **PLINTH** - HEIGHT P.L. AND G.L. AS SHOWN IN SECTION
4. **FLOORING** - 0.02M TH. I.P.S. FLOORING OVER 0.125M TH. DRY RAMMED KHOA OVER 0.075 M TH. BRICK FLAT SOLING OVER SAND FILLING.
5. **ROOF** - 0.10M TH. AEERAGE LIME TERRACING OVER R.C.C. ROOF SLAB.
6. **DOORS** - CHOWKHTS OF DOORS TO BE SAL WOOD.
7. **WINDOWS** - ALL WINDOWS TO BE FULLY GLAZED IN STEEL.
8. **PLASTER** - 0.12M TH. CEMENT PLASTER ON BOTH SIDE OF BRICK WORK.
9. **COLOURING** - COLOUR OR WHITE WASH AS/CHOICE

AREA CALCULATION :-

PLOT AREA (AS PER PLOT) = 3793.35 SQM.
PLOT AREA (AS PER DEED) =3793.35 SQM.
LEET ROAD WIDNING = 5.480 SQM
NET PLOT AREA = 334.55 SQM.

BASEMENT FLOOR B/U AREA = 1404 SQM.
GROUND FLOOR B/U AREA = 169.67 SQM.
1ST FLOOR B/U AREA = 183.72 SQM.
2ND FLOOR B/U AREA = 183.72 SQM.
3RD FLOOR B/U AREA = 183.72 SQM.
4TH FLOOR B/U AREA = 183.72 SQM.

TOTAL B/U AREA ALL FLOOR = 918.59 SQM.

F.a.r.= Net coverted area / Plot area = 918.59 / 379.35 = 2.42

WATER TANK CALCULATION-

CARPET AERA = 169.67 SQM.
6 SQM PER PERSON
TOTAL NO OF PERSON =84.83/ 6 = 14.13 PERSON.
PER PERSON REQD. = 45 LTRS/DAY
TOTAL REQD AREA OF WATER TANK
= 1534.5 = 675 LTRS.
RESIDENTIAL CALCULATION:-
TOTAL NO. OF FLAT = 12 NOS.
EACH FLAT HAVING 5 PERSON
PER PERSON REQD. AREA =135 LTRS/DAY
TOTAL NO. OF PERSON = 12 X 5 =60 PERSON
TOTAL REQD AREA OF WATER TANK =
60X135 = 8100 LTRS
PROVIDED = 3.66 X 2.13 X 1.50 X 1000 = 11693 CUM
= (H+N)=(675+8100)= 8775 LTRS.

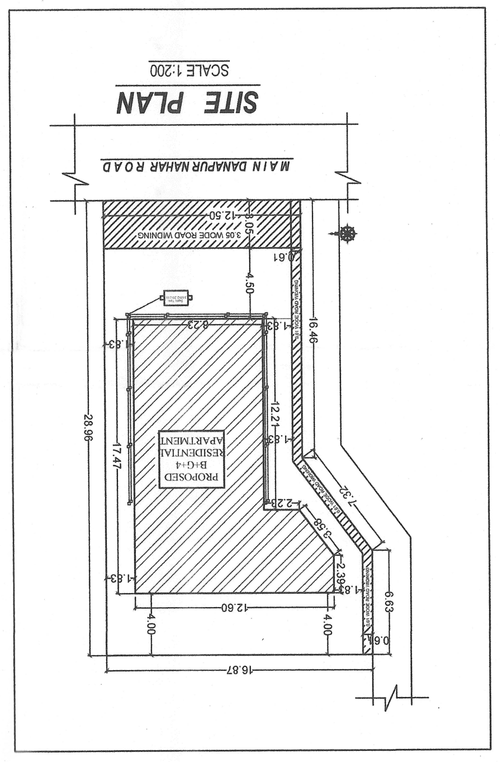
PARKING CALCULATION:-

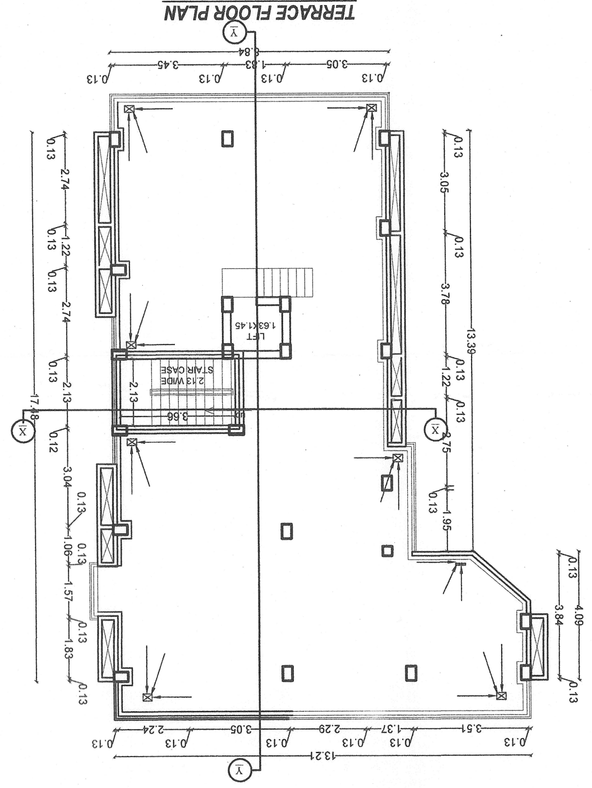
PROPOSED RESIDENTIAL PARKING
TOTAL BUILT UP AREA = 918.59 SQ.M
COMMON AREA 15% OF TOTAL B/U AREA =137.78 SQ.M
B/U AREA FOR PARKING = 918.59 - 137.78 = 780.81 SQ.M
PARKING AREA REQUIRED - 780.81 X 25%= 195.20 SQ.M

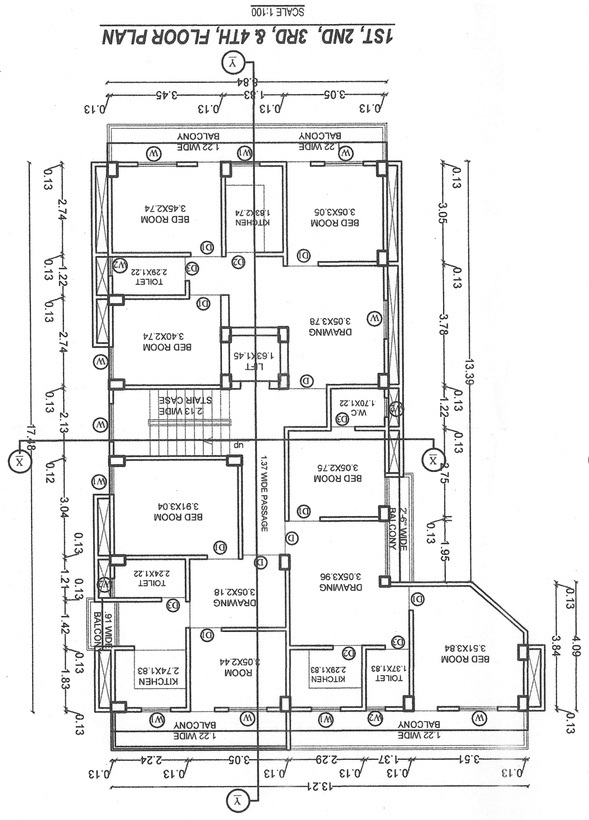
TOTAL PARKING AREA
BASEMENT FLOOR PROVIDED PARKING AREA = 196.33 sq.m
TOTAL PROVIDED PARKING CAPACITY = 196.33 sq.m.

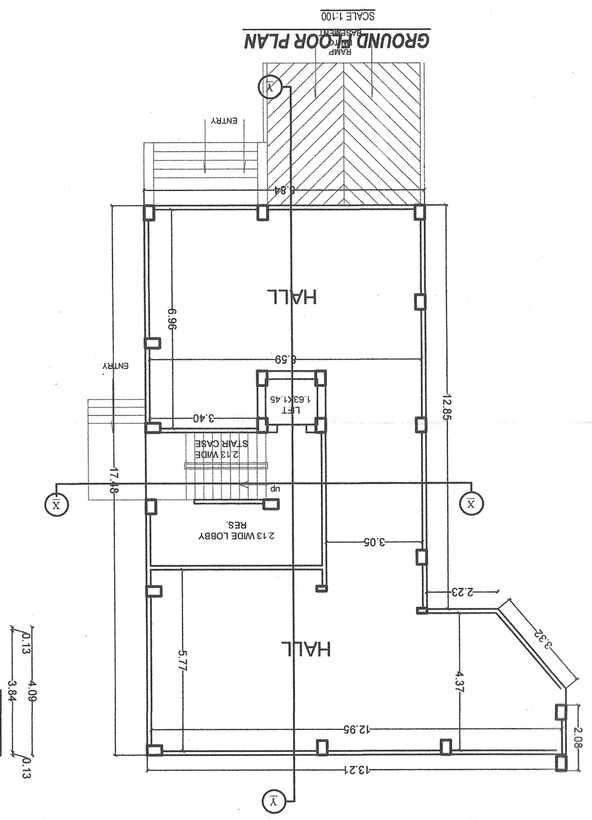
SEPTIC TANK CALCULATION:-

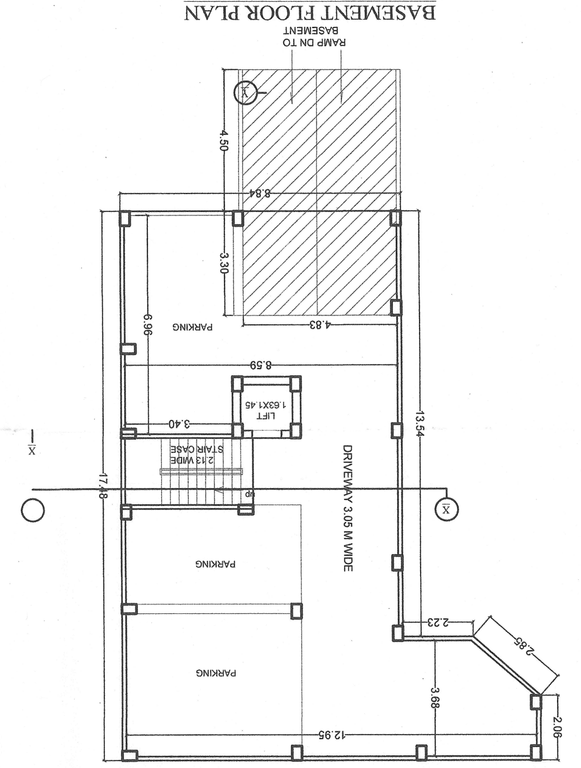
CARPET AERA = 169.67 sqm.
6 SQM PER PERSON
TOTAL NO OF PERSON =84.83 / 6 = 14.13 person.
PER PERSON REQD. = 0.065 qb.m/day
READ AREA OF SEPTIC TANK =
TOTAL NO. OF FLAT = 12 NOS.
EACH FLAT HAVING 5 PERSON
TOTAL NO. OF PERSON = 12 X 5 = 60 PERSON
PER PERSON REQD. = 0.065 qb.m/day
15X0.065 = 1.27 qb.m/day
READ AREA OF SEPTIC TANK =
AREA OF SEPTIC TANK=60X0.065=5.10 qb.m/day
TOTAL AREA OF SEPTIC TANK=1.27+5.10=6.37qb.m/da
AREA OF SEPTIC TANK SIZE =
4.00X3.20 X2.50 = 38.00 qb.m.
TOTAL PROVIDE AREA OF SEPTIC TANK =38.00 qb.m.

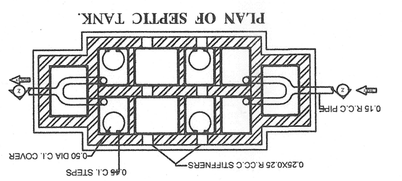


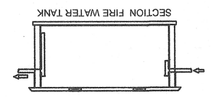


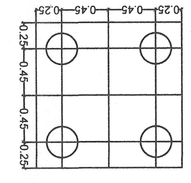


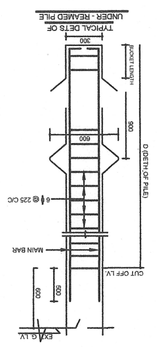


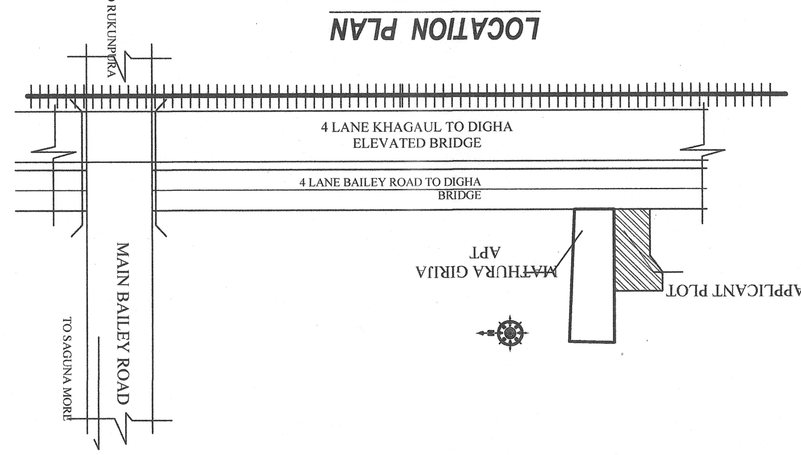












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