

PLAN OF SEPTIC TANK.

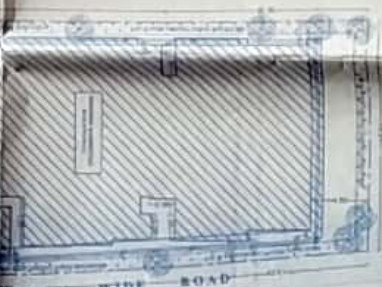
SECTION ON Z-Z



SECTION OF THE WATER TANK



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KEY PLAN



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FINISHING AND:

1. UNDER GROUND WATER TANK
2. 20,000 LITER CAPACITY
3. HYDRAULIC
4. FIRE EXTINGUISHER
5. EMERGENCY LIGHT
6. SEWAGE CONNECTION
7. PHOTOGRAPH SIGN
8. FIRE RESISTING COVER DOOR

SEPTIC TANK CALCULATION:

TOTAL NO. OF FLAT = 28 NOS.
 LITERS PER PERSON PER DAY = 100 LITERS
 TOTAL NO. OF PERSONS = 28 X 5 = 140 PERSONS
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GATES AREA CALCULATION:

ROAD WIDTH = 4.15 M
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ITEM	DESCRIPTION	UNIT	QUANTITY	REMARKS
1	UNDER GROUND WATER TANK	SQ. M	20,000	
2	HYDRAULIC	SQ. M	100	
3	FIRE EXTINGUISHER	NO.	1	
4	EMERGENCY LIGHT	NO.	1	
5	SEWAGE CONNECTION	M	10	
6	PHOTOGRAPH SIGN	NO.	1	
7	FIRE RESISTING COVER DOOR	NO.	1	

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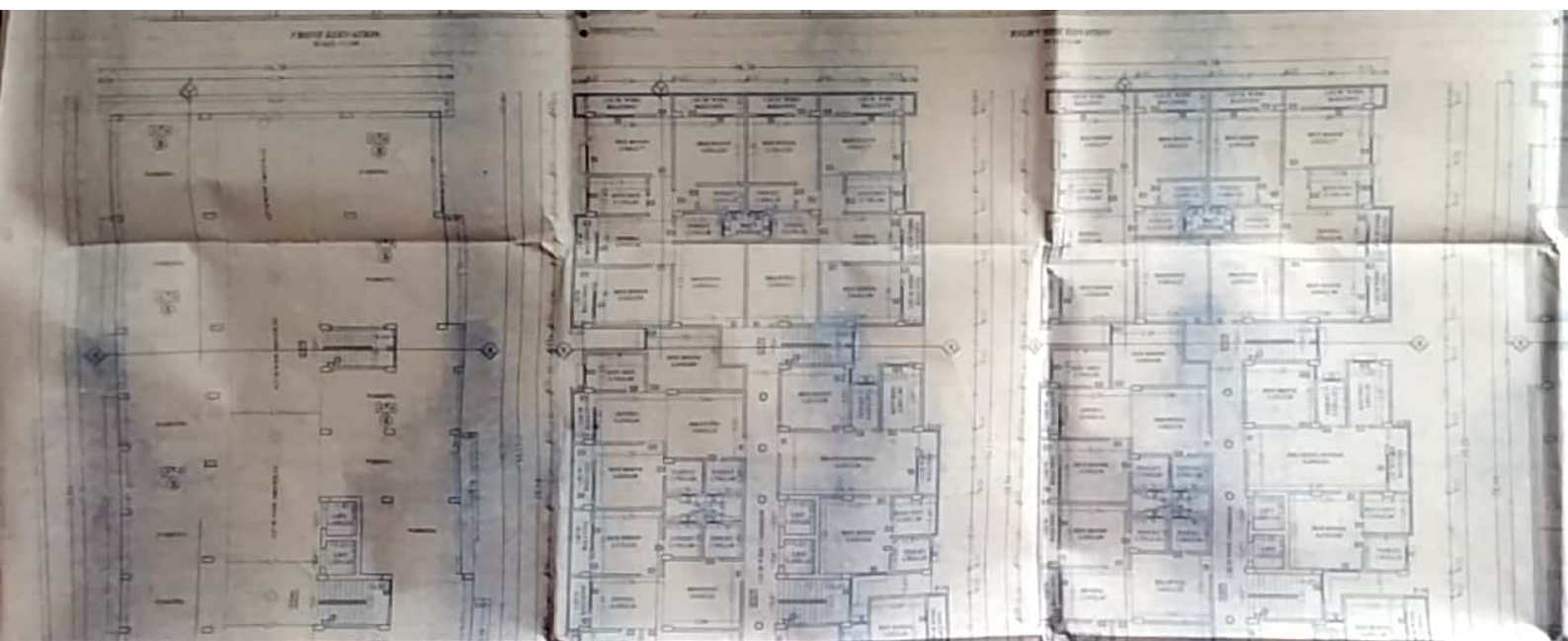
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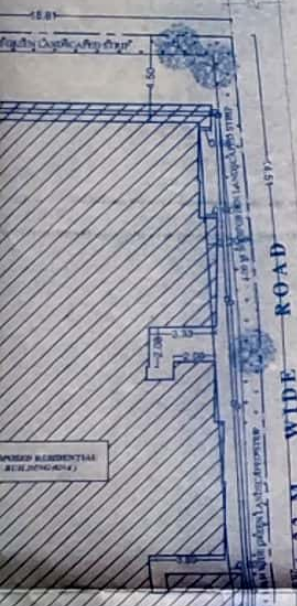
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1. UNDER GROUND WATER STATIC TANK OF
20,000 LITER CAPACITY _____
2. HY DRANT PT. _____ -G
3. HOSE REEL _____ -1
4. FIRE EXTINGUISHER _____ →
5. EMERGENCY LITE _____ O
6. SEAMASE CONNECTION _____ a
7. PHOTOLUM SIGN _____ (F)T
8. FIRE RESISTING CHEK DOOR _____ -FD-

SEPTIC TANK CALCULATION:-

TOTAL NO. OF FLAT = 28 NOS.
EACH FLAT HAVING 5 PERSON
TOTAL NO. OF PERSON = $28 \times 5 = 140$ PERSON
PER PERSON REQD. VOLUME = 0.085 qb.m./day
TOTAL REQD. VOLUME OF SEPTIC TANK = $140 \times 0.085 = 11.90 \text{ qb.m.}$

VOLUME OF SEPTIC TANK SIZE = $3.00 \times 2.00 \times 2.50 = 15.00$ qb.m.
TOTAL PROVIDE AREA OF SEPTIC TANK = 15.00 qb.m.

WATER TANK CALCULATION:-

TOTAL NO. OF FLAT = 28 NOS.
EACH FLAT HAVING 5 PERSON
TOTAL NO. OF PERSON = $28 \times 5 = 140$ PERSON
PER PERSON REQD. VOLUME = 135 ltrs/day
REQD. VOLUME OF WATER TANK = $140 \times 135 = 18900.00$ ltrs
FIRE WATER TANK = 20000.0 ltrs.

PROVIDE VOLUME OF WATER TANK SIZE
(1) $4.45 \times 1.83 \times 1.65 + 0.15 = 13.43 \text{ cum.}$
(2) $4.45 \times 2.13 \times 1.65 + 0.15 = 15.64 \text{ cum}$
TOTAL PROVIDE WATER TANK CAP CITY = 29.07 cum
= 29070.00 LTRS.

GREEN AREA CALCULATION:-

REQUIRED GREEN AREA 10% of TOTAL PLOT AREA
TOTAL PLOT AREA= 956.69 sqm
So, REQUIRED GREEN AREA = 95.67 sqm
TOTAL PROVIDED GREEN AREA = 109.81 sqm

WATER HARVESTING SUMP CALCULATION:

TERRACE FLOOR AREA = 624.64 sqm.
RAIN WATER HARVESTING SUMP REQ. 6 CUM FOR
EVERY 100 SQM. TERRACE AREA.
SO TOTAL REQ. CAPACITY OF SUMP = $6.25 \times 6 = 37.5$ cum
PROVIDED TANK SIZE = $4.0 \times 3.0 \times 3.4 = 40.8$ cum
TOTAL VOLUME OF SUMP = 40.8 cum

TYPE	WIDTH	HEIGHT	SILL LEV.	LEN LEV.	DESCRIPTION
D	1.07	2.54	0.0	2.40	PANNEL
D1	0.91	2.13	0.0	2.13	DO
D2	0.76	2.13	0.0	2.13	DO
DW	0.76,69	2.40/1.64	0.00/0.76	2.40	PANNEL &
W	1.22	1.64	0.76	2.40	GLAZED
W1	0.91	1.33	1.07	2.40	DO
W2	0.75	1.33	1.07	2.40	DO
V	0.61	1.03	1.152	2.13	DO

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 MORTAR 1:6
3. PLINTH - HEIGHT P.L. AND G.L. AS SHOWN IN SECTION
4. FLOORING - 0.025M 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. AVERAGE LIME TERRACING OVER R.C.C. ROOF SLAB.
6. DOORS - CHOWKHATS 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 WASILAS CHOICE

AREA CALCULATION :-

PLOT AREA = 956.69 sq m
GROUND FLOOR B/U AREA = 17.26 sq m
1ST FLOOR B/U AREA = 562.64 sq.m.
2ND FLOOR B/U AREA = 562.64 sq.m.
3RD FLOOR B/U AREA = 562.64 sq.m.
4TH FLOOR B/U AREA = 562.64 sq.m.
TOTAL B/U AREA (ALL FLOOR) = 2267.82 sq.m.

$$\text{F.A.R.} = \frac{\text{total built up area}}{\text{Plot area}} = 2267.82/956.69 = 2.37$$

PARKING CALCULATION:-

RESIDENTIAL PARKING
REQUIRED PARKING 25% of TOTAL B.U./P AREA IN RESIDENTIAL
TOTAL B/U AREA (ALL FLOOR) = 2267.82 sq.m
Sq. REQUIRED CAR PARKING AREA = 566.96 sq.m
TOTAL REQUIRED CAR PARKING AREA = 566.96 sq.m.
PLINTH AREA = 570.89 sq.m.
BALCONY PROJECTED AREA = 53.75 sq.m.
TOTAL GROUND COVERED AREA = 624.64 sq.m.
STAIR AND LIFT AREA = 25.69 sq.m.
TOTAL PROVIDE COVERED PARKING AREA = 598.95 sq.m.

PLOT DETAILS

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PROPOSED RESIDENTIAL BUILDING OF
SRI MADHO SINGH,
SMT KAVITA JHA (W/O MAJ. A.N.JHA),
SMT VINITA CHAUDHARI (W/O ANJANI KUMAR CHAUDHARI),
SMT KAMINI SINGH (W/O SRI JITENDRA SINGH).
ON
MAUZA-KOTHABAN, PRGANA-PHULBARI SHARIF ,
SURVEY THANA- DANAPUR, THANA- DANAPUR,
THANA NO.-37, TAUZI NO.-3071,
KHATA NO.-176, SURVEY PLOT NO-104,
DIST-PATNA

KULA DEVELOPERS PVT.LTD

SHEET NO.	SCALE	NORTH
S.D -01/02	1 : 100 1 : 200	
Vineta choudhary Kavita MA SRI JHA Kamini Singh		AMIT KUMAR ARCHITECT EMPL. NO.-03/ARCH/2015/NPDN NAGAR PARISHAD, DANAPUR NIZAMAT SIGNATURE OF ARCHITECT
SIGNATURE OF OWNER		Brajesh Kumar Sinha Structural Engineer Licence No. 11/STR-EX/15/NPDN NAGAR PARISHAD, DANAPUR NIZAMAT DANAPUR.

Dr KULA DEVELOPERS PVT.LTD.

27-8-19
A. E.
Nagar Parishad Danapur Nizamat

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27/08/19
J. E.
Nagar Parishad Danapur Nizamat

Building Plan No. 63/19-20

निम्नलिखित शर्तों के साथ भू-मालिकी की प्रदा. / अभियन्ता की अनुमति के आधार पर भवन मानचित्र की स्वीकृति दी जाती है।

सरकारी या किसी दूसरे के जमीन का अतिक्रमण नहीं करना होगा तथा पथ एवं सड़क के लिए विहार भवन उपविधि 2014 के अनुसार अपनी जमीन देना होगा। भवन भू-कम्परादी बनाना होगा तथा भवन से सरकारी नाला तक जल निकासी हेतु अपने खर्च से नाली निर्माण करना होगा।

बरसाती पानी नाली के लिए भूतल पर व्यवस्था करना होगा। भवन भू-खण्ड विवादित रहने की स्थिति में भवन मानचित्र स्वतः रद्द समझा जायेगा एवं खंडे किये गये बनावट अर्द्ध माना जायेगा। भवन मानचित्र की स्वीकृति केवल दस वर्षों के लिए होगी। भवन में अग्रासित होने के पूर्व Comm. Co. Certificate/ Occupancy Certificate प्राप्त अनिवार्य होगा।

27/08/19
Nagar Parishad Danapur Nizamat