



RAIN WATER HARVESTING TANK CALCULATION

TOTAL TERRACE AREA = 1135.76
 RAIN WATER HARVESTING SUMP REQ. 6 CU. M FOR EVERY 100 SQ.M. TERRACE AREA
 REQUIRED WATER CAPACITY
 $1135.76/100 = 11.35 \times 6 = 68.10, = 68100 \text{ LTRS.}$
 PROVIDED RAIN WATER HARVESTING TANK
 $R.W.H \text{ TANK} = (4.00 \times 3.00 \times 3.00) \times 2 = 72 \text{ CU.M} = 72000 \text{ LTRS.}$

FIRE LEGEND

SL.NO.	SL.NO.	DESCRIPTION
1.	FD	FIRE RESISTANCE INT. DOOR OF 1/2 HR. FIRE RATING.
2.	—(H)—	HYDRANT.
3.	—(R)—	ROSE REAL.
4.	—(M)—	1.5 I MARKED FIRE EXIT
5.	EXIT	EXIT SIGN ILLUMINATED
6.	—(S)—	SEAMLESS CONNECTION
7.	—(U)—	UNDER GROUND WATER STATIC TANK OF 100,000 LTR. CAP.
8.	—(O)—	OVER HEAD WATER STATIC TANK OF 30,000 LTR. CAP.
9.	—(S)—	SPRINKLERS
10.	—(E)—	EMERGENCY LIGHT
11.	—(A)—	AREA COVERAGE BY SMOKE DETECTORS 13.0X3.51
12.	—(C)—	MANUAL CALL ALARM POINT.

PARKING CALCULATION

TOTAL B/U AREA = 4598.06 SQM
 REQU. PARKING AREA @ 25% = 1149.51 SQM
 PROVIDE CAR PARKING AREA = 1316.37 SQM

WATER TANK CALCULATION

TOTAL NO. OF FLAT = 44 NOS
 ONE FLAT 6 PERSON
 TOTAL PERSON = $6 \times 44 = 264$
 ONE PERSON REQU. WATER = 135 LTR./DAY
 TOTAL REQU. WATER = $264 \times 135 = 35640 \text{ LTR./DAY}$
 TOTAL REQU. AREA OF WATER TANK = 35.64 QUM.
 PROVIDE AREA OF WATER TANK
 SIZE = $6.13 \times 3.51 \times 1.20 = 24.64 \text{ QUM}$
 $= 5.62 \times 2.60 \times 1.20 = 17.53 \text{ QUM}$
 $24.64 + 17.53 = 42.17 \text{ QUM.}$

SEPTIC TANK CALCULATION

TOTAL NO. OF FLAT = 44 NOS
 ONE FLAT 6 PERSON
 TOTAL NO OF PERSON = $44 \times 6 = 264$
 ONE PERSON REQU. AREA = 0.085 QUM./DAY
 TOTAL REQU. AREA = $264 \times 0.085 = 22.44 \text{ QUM./DAY}$
 PROVIDE AREA OF SPTIC TANK (SIZE) = $4.42 \times 2.34 \times 1.83 \times 2 = 37.85 \text{ QUM.}$

SPECIFICATION

- R.C.C UNDER REMMED PILE FOUNDATION AS PER DETAIL GIVEN IN THIS DRAWING.
- 1ST CLASS BRICK WORK IN CEMENT MORTAR (1:6) IN SUPER STRUCTURE.
- HEIGHT OF PLINTH FLOOR AREA SHOWN IN SECTION.
- 0.03 I.P.S. FLOORING OVER 0.75 DRY REMMED KHOA-OVER FLAT BRICK SOLING OVER LOCAL SAND FILLING.
- 0.050 TH D.P.C. ON P.L. ALL ROUND THE BUILDING.
- 0.110 TH LIME CONCRETE OVER 0.100 TH R.C.C. SLAB.
- 0.15 TH R.C.C. BAND AT DOORS & WINDOWS OPENINGS.
- 0.12 CEMENT PLASTER ON BOTH SIDE OF WALL.
- WHITE & COLOUR WASH AS PER CHOICE.

SCHEDULE OF DOORS & WINDOWS

SL.NO.	TYPE	WIDTH	SILL.	HEIGHT
1.	F.D	1.00	0.00	2.13
2.	D	1.07	0.00	2.13
3.	D1	0.90	0.00	2.13
4.	D2	0.76	0.00	2.13
5.	G.D1	6.63	0.00	2.54
6.	G.D2	6.15	0.00	2.54
7.	G.D3	3.23	0.00	2.54
8.	G.D4	2.87	0.00	2.54
9.	G.D5	2.74	0.00	2.54
10.	G.D6	2.39	0.00	2.54
11.	G.W1	1.83	0.00	2.54
12.	G.W2	1.64	0.00	2.54
13.	G.W3	1.50	0.00	2.54
14.	G.W4	1.16	0.00	2.54
15.	W1	1.20	0.90	2.13
16.	W2	0.90	0.90	2.13
17.	W3	0.61	0.61	2.13

AREA STATEMENT

TOTAL PLOT AREA AS/DEED = 2519.62 SQM
 TOTAL PLOT AREA AS/SITE = 2299.82 SQM
 GROUND FLOOR B/U AREA = 55.02 SQM
 + PARKING = 1316.37 SQM
 FIRST FLOOR B/U AREA = 1135.76 SQM
 2ND FLOOR B/U AREA = 1135.76 SQM
 3RD FLOOR B/U AREA = 1135.76 SQM
 4TH FLOOR B/U AREA = 1135.76 SQM
 TOTAL B/U AREA = 4598.06 SQM

(PROPOSED F.A.R) - 1.99
 (PERMISSIBLE F.A.R) - 2.00

PROJECT NAME - SHANGRI-LA HOMES.

PROPOSED RESIDENTIAL BUILDING FOR SHANGRI-LA ESTATES PRIVATE LIMITED. MANAGING DIRECTOR- SRIJANANI KUMAR SINHA S/O - LATE- BHUPENDRA NATH SINHA AT MAUZA:- DANAPUR SAHZADPUR, SURVEY PLOT NO:-1273, KHATA NO:- 71, TAUZI NO:- BIHAR SARKAR, THANA NO:- 21, THANA:- DANAPUR, DIST:- PATNA.

NORTH SCALE 1:100 SHEET NO. 01/02
 1:200

SHANGRI-LA ESTATES PRIVATE LIMITED
 Managing Director
 Gr. Vijay Kumar
 Structure Engineer
 Lic.No-01/STRE/2015/NPDN
 SIGN. OF STRUCTURE
 SIGN. OF OWNER
 SIGN. OF ARCHITECT

Building Plan No. 28/22-23
 06/12/22
 A. E.
 Nagar Parishad Danapur Nizamāt

विकास प्र.सम्पन्न (निर्माण और विकास) विभाग
 नगरपालिका 2017 (NERA) को तर्फा के अधीन
 गणन से मालिक प्र.सम्पन्न अधिकारण से
 पाणिकेयक का निर्माण अतिवर्ध होगा।
 विकसारी पानी नामो के लिए शुल्क वर प्राप्त कर कर्तव्य होगा। भवन भू-व्यवह निवासीय रहने की विधि का भवन मानचित्र रखा दृष्ट संकेत कोषण से चरक खरे विक्रि मने सम्पन्न अतिवर्ध नामा कार्यालय भवन मानचित्र की स्वीकृति केवल पौन वर्ग के लिए मान्य होगी। भवन ने आवसित होने के पूर्व निम्नलिखित Certificate/Occupancy Certificate रखा अतिवर्ध होगा।
 J. E.
 Nagar Parishad Danapur Nizamāt
 SHANGRI-LA ESTATES PRIVATE LIMITED
 Managing Director



