



SPECIFICATION

1. R.C.C. UNDER REMMED PILE FOUNDATION AS PER DETAIL GIVEN IN THIS DRAWING.
2. 1ST CLASS BRICK WORK IN CEMENT MORTAR (1:5) IN SUPER STRUCTURE.
3. HEIGHT OF PLINTH FLOOR AREA SHOWN IN SECTION.
4. 0.03 P.S. FLOORING OVER 0.75 DRY REMMED K.H.O. OVER FLAT BRICK SOLING OVER LOCAL SAND FILLING.
5. 0.050 TH D.P.C. ON P.L. ALL ROUND THE BUILDING.
6. 0.110 TH LIME CONCRETE OVER 0.100 TH R.C.C. SLAB.
7. 0.15 TH R.C.C. BAND AT DOORS & WINDOWS OPENINGS.
8. 0.12 CEMENT PLASTER ON BOTH SIDE OF WALL.
9. WHITE & COLOR WASH AS PER CHOICE.

LEGEND FOR FIRE FIGHTING.

- 1) FIRE RESISTANT CHECK DOOR
- 2) FIRE HYDRANT
- 3) HOSE REE.
- 4) UNDER GROUND WATER STORAGE TANK WITH AUTOMATIC REFILLING ARRANGEMENT FOR FIRE FIGHTING.
- 5) FIRE EXTINGUISHER & (WCOZ TYP. IS MARKED)
- 6) MANUAL CALL POINT
- 7) ILLUMINATED EXIT DIRECTIONAL SIGN
- 8) SIAMSE CONNECTION
- 9) P.A. SYSTEM
- 10) EMERGENCY LIGHTING SYSTEM
- 11) SPRINKLER
- 12) SMOKE DETECTOR
- 13) OVER HEAD FIRE FIGHTING FOR 10,000 LTR.

PLOT DETAILS.

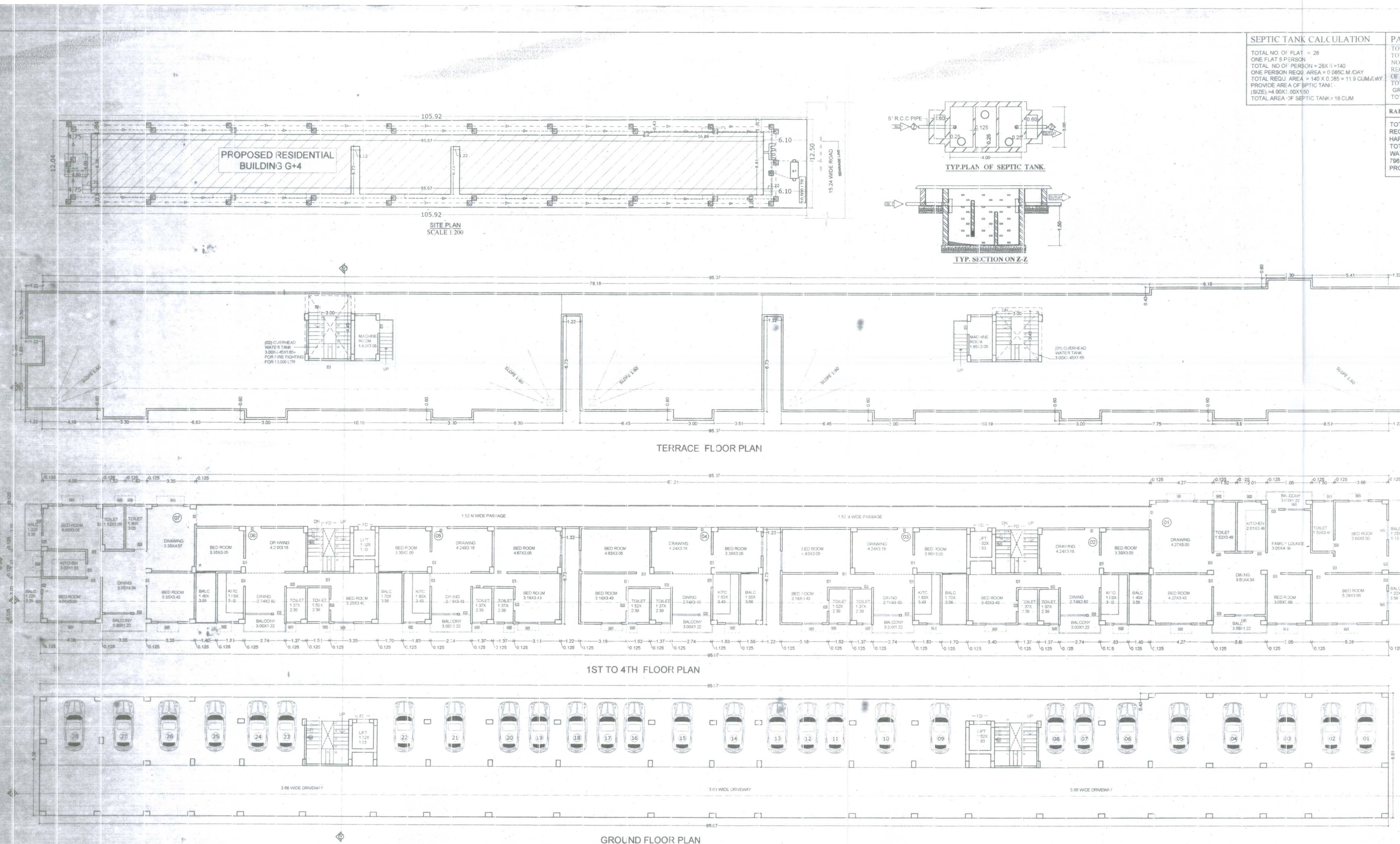
PROPOSED RESIDENTIAL BUILDING FOR MANJUSUDHA DEVCON PVT. LTD. THROUGH ITS DIRECTOR SRI AMIT KUMAR S/O SRI YOGENDRA PRASAD SAH AT MALUA - DANAPUR SHAKHAR PLOT NO. - 248 KHATA NO. - 53 THANA NO. - 24 TAUZI NO. - 5734 THANA - DANAPUR DIST. - PATNA.

NORTH	SCALE	DRAWN
	1:100/1:200	02/02

For MANJUSUDHA DEVCON PVT. LTD. By **Dr. Narendra Kumar** (Structural Engineer) Reg. No. 01/STRU/2018 (N.P.D.N.)

Dr. Narendra Kumar DIRECTOR
Ar. PAWAN KUMAR COA Regd. No. - CA2018/43278
SIGN. OF OWNER SIGN. OF ARCHITECT

Building Plan No. 159/12-23
Nagar Parishad Danapur
25/02/2023
J. B.
Nagar Parishad Danapur (Nizamat)



SEPTIC TANK CALCULATION	
TOTAL NO. OF FLAT	= 28
ONE FLAT 5 PERSON	
TOTAL NO. OF PERSON	= 28 X 5 = 140
ONE PERSON REQU. AREA	= 0.085CUM/DAY
TOTAL REQU. AREA	= 140 X 0.085 = 11.9 CUM.
PROVIDE AREA OF SEPTIC TANK	
(SIZE) = 4.00X 3.00X 1.50	
TOTAL AREA OF SEPTIC TANK	= 18 CUM

PARKING CALCULATION	
TOTAL B.U. AREA OF	= 3214.63 SQM
TOTAL SERVICE AREA @ 15%	= 482.19 SQM
NOW TOTAL B.U. AREA =	2732.44 SQM
REQUIRED PARKING @ 21%	
OF TOTAL B.U. AREA =	63.11 SQM
TOTAL COVERED PARKING AREA AT	
GROUND FLOOR OF	= 773.84 SQM
TOTAL PROVIDED PARKING AREA =	773.84 SQM

RAIN WATER HARVESTING CALCULATION
TOTAL TERRACE AREA = 796.24 SQ.M.
REQU. AREA FOR RAIN WATER HARVESTING = 6 CUB. M / 100 SQ.M.
TOTAL REQU. AREA FOR RAIN WATER HARVESTING = 796.24/100(= 7.96X 6 = 47.1 CUB. M.
PROVIDED SIZE = (4.00X 4.00X 3.1) = 49.6 CUB. M.

SL.NO	TYPE	WIDTH	SILL	HEIGHT
1.	D	1.07	0.00	2.13
2.	D1	0.99	0.00	2.13
3.	D2	0.91	0.00	2.13
4.	D3	0.76	0.00	2.13
5.	W	1.83	0.76	1.83
6.	W1	1.52	0.76	1.83
7.	W2	1.22	0.76	1.83
8.	W3	0.61	1.68	0.91

AREA STATEMENT	
TOTAL PLOT AREA	= 1296.76 SQM
TOTAL GROUND FLOOR BUI AREA	= 26.67 SQM
TOTAL 1 ST. FLOR BUI AREA	= 786.24 SQM
TOTAL 2 ND. FLOR BUI AREA	= 786.24 SQM
TOTAL 3 RD. FLOR BUI AREA	= 786.24 SQM
TOTAL 4 TH FLOR BUI AREA	= 786.24 SQM
TOTAL ALL FLOOR BUI AREA	= 3214.63 SQM
F.A.R. ACHIEVED = 2.47	

WATER TANK CALCULATION

TOTAL NO. OF FLAT = 28 NOS
ONE FLAT OF PERSON
TOTAL NO. OF PERSON = 28X5 = 140
ONE PERSON OF 50L WATER = 13L /TR /DAY
TOTAL REGU. WATER = 140X13L = 18200 LTR /DAY
TOTAL REGU. WATER FOR FIRE FIGHTING FOR
10,000
TOTAL REGU. AREA FOR WATER TANK = 26.9 C.U.M
TOTAL PROV. AREA OF WATER TANK AREA =
SIZE (1) 3.00X: 43X1.65 = 16.97
(2) 3.00X: 45X1.95 = 22.02
PROV. E AREA = 38.99 C.U.M

PLOT DETAILS		
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NORTH	SCALE	DWG NO.

NORTH	SCALE	DRAWING
	100/1:200	01/02

Handwritten: *Amr*
 L. J. SUDHA DEVCON PVT. LT. *Er. Amrendra Kumar*
 (Structural Engineer)
 Reg. No. 01STRU2018 (N.P.D.N.)
 Handwritten: *Amr*
 DIRECTOR

Ar. PAWAN KUMAR
CGA Regd. No.- CA/2008/4327

SIGN. OF OWNER	SIGN. OF ARCHITECT
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