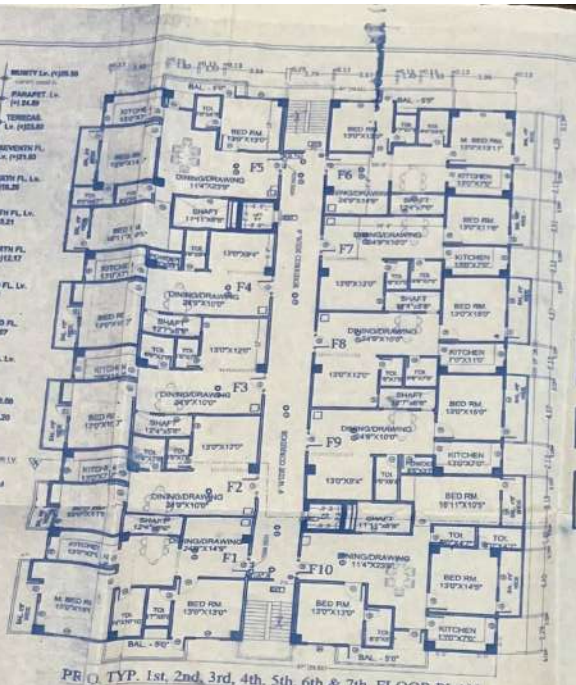
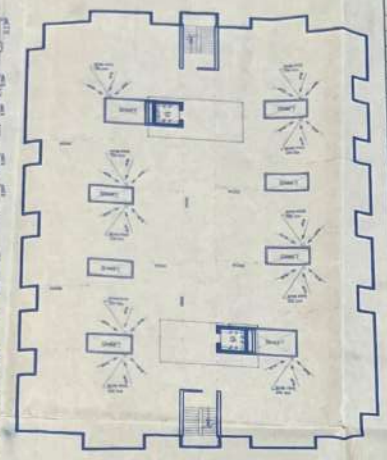


PROP. TYP. 1st, 2nd, 3rd, 4th, 5th, 6th & 7th FLOOR PLAN



PROP. TERRACE PLAN

PARKING CALCULATION:-

PROPOSED RESIDENTIAL PARKING

CAR PARKING FOR – 30%

GROSS CAR PARKING = 6780.22 X 30% =2034.06 SQ.M.

REQUIRED TOTAL CAR PARKING AREA = 2034 SQM

TOTAL PARKING AREA PROVIDED – 3372.00 SQM

RAIN WATER HARVESTING CALCULATION:-

REQ. 6 nos RECHARGING PIT/ TRENCH VOLUME PER 100 SQM OF TERRACE AREA

I/O. TERRACE AREA = 1068 SQM

NEEDED VOLUME OF RECHARGING PIT = (1068/100) X 5 = 53.4 CUM

PROVIDED VOLUME OF RECHARGING PIT = 7.00 X 3.05X3.00 = 64.05 CUM

GREEN AREA CALCULATION :-

TOTAL NET PLOT AREA = 2712.0 SQ.M.

GREEN SPACE AREA % REQ. = 2712.0 X10%= 271.2 SQ.M.

TOTAL PROVIDED GREEN SPACE = 300.00 SQ.M.

SCHEDULE OF DOORS & WINDOWS

SL.NO.	TYPE	DESCRIPTION	WIDTH	HEIGHT	SILL	REQ.
01.	D1	SINGLE LEAF F. DOOR	1.05	2.10		
02.	D2	SINGLE LEAF F. DOOR	0.90	2.10		
03.	D3	SINGLE LEAF F. DOOR	0.75	2.10		
04.	D	DOUBLE LEAF F. DOOR	1.80	2.10		
05.	W	GLAZED SIDE HUNG	1.80	1.80	0.75	
06.	W0	GLAZED SIDE HUNG	1.50	1.35	0.75	
07.	W1	GLAZED SIDE HUNG	1.35	1.35	0.75	
08.	W2	GLAZED SIDE HUNG	0.90	1.35	0.75	
08.	W3	GLAZED SIDE HUNG	0.90	1.20	0.90	
09.	W4	GLAZED SIDE HUNG	0.60	0.60	1.50	
10.	V	GLAZED SIDE HUNG	0.30	0.30	2.55	
11.	SW	GLAZED PART FIXED P. OPEN	0.60	7.00		

SPECIFICATION :-

1. FOUNDATION :- R.C.C. SPRED PILLER FOUNDATION.
2. SUPERSTRUCTURE :- 1st. CLASS BRICK WORK IN (1:6) CMENT PLASTER.
3. FLOORING :- .025 TH. MOSAIC FLOORING OVER 0.10 TH. DRY RAMMED KHOA OVER 0.075 TH. BRICK FLAT SOLING OVER SAND FILLING.
4. LINTEL :- R.C.C. LINTEL AS PER DESIGN.
5. ROOF :- 0.10 TH. R.C.C. ROOF SLAB.
6. PLASTER :- 0.0125 TH. CEMENT PLASTER.
7. FINISHING :- TWO COATS OF CEM. WASH.

AREA CALCULATION (TOWER) :

PLOT AREA AS PER DEED = 2676.34 SMT

PLOT AREA AS PER SITE = 2674.00 SMT

GROUND FLOOR B-U-AREA = 14.02 SMT

TYP 1ST, 2ND, 3RD, 4TH, 5TH, 6TH & ,7TH FL B-U-A = 7X966.60 SMT

F.A.R. = 2.5 TOTAL BUA = 6780.22 SMT

NET PLOT AREA =2674.00 SMT

BUILT UP AREA FOR PASSING= 6780.22 SQM

PARKING AREA PROVIDED (COVER)

(BASEMENT AREA PARKING = 966.60 SQM)

(GROUND FLOOR AREA PARKING = 952.58 SQM)

(OPEN AREA PAR.=155.56 SQM) TOTAL PARKING AREA= 2074.74 SQM

AREA LEFT FOR GREEN SPACE (> 10 %) = 300.00 SQM

B O U N D A R Y :

NORTH :- R. YADAV, B. YADAV ETC.; EAST : ROAD & S. INFRA PVT. LTD. WEST :- SURVEY ROAD; SOUTH : SIMANCHAL INFRA. PVT. LTD.

SITE PLAN, FLOOR PLANS, SECTION (A-A), ELEVATION, SEPTIC TANK DETAIL & FOUNDATION

SEPTIC TANK CALCULATION :

TOTAL NOS. OF OCCUPANTS = 678

TAKES 50% EXTRA. PERSON USED CAPACITY OF S. TANK=0.085 CUM./HEAD/DAY

SO, 0.085 X (678 +338) = 86.36 CUM. REQUIRED.

PROVIDED OF SEPTIC TANK 15.24 X 2.40 X 2.70 = 98.78 CUM.

THUS, 1 NO. SEPTIC TANK REQUIRED

WATER SUPPLY CALCULATION :

TOTAL NOS. OF OCCUPANTS = 678

TAKES 50% EXTRA. PERSON TOTAL NOS. OF POPULATION = (1016)

REQUIRED WATER SUPPLY = 1016 PERSON @ 135 LT./PERSON / DAY.

1016 PERSONS X 135 LITER = 137160 LITERS. REQUIRED CAPACITY OF WATER TANK = 137.160 CUM.

PROVISION FOR WATER TANK (ASSUMING 2 TIME REFELLING PER DAY)

TANK PROVIDED - 2X15X10000 Lt = 150.00 CUM.

PROPOSED RESIDENTIAL (TOWER) BUILDING FOR (i) SMT SARASWATI DEVI LOHIYA ,W/O - RAM GOPAL LOHIYA, (ii) SMT BHAGWATI DEVI LOHIYA, W/O - RAJ KUMAR MAHESWARI, AT - WAYPASS GUNDA CHOWK PURNEA, KHATA NO. - 550, KHESRA NO. - 1117, 1119 , MAUJA - ABDULLA NAGAR,THANA - SADAR, RAKWA - 66 DISMIL10 KARI, WARD NO. - 46, HOLDING NO. - 11 12

Saraswati Devi Lohia

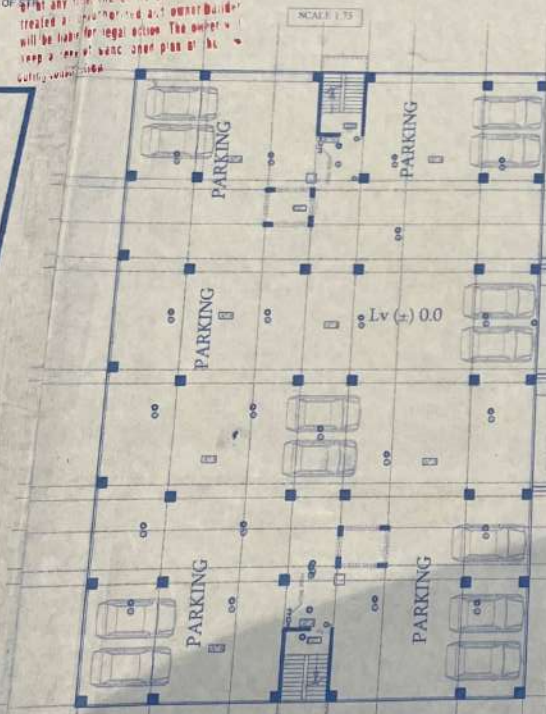
Bhagwati Devi Lohia

OWNER

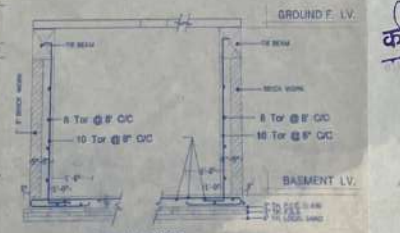
PLAN OF SEPTIC TANK AND SOAK PIT

FIRE LEGEND :-

01.HYDRANT OUT LET VALVE WET
02.HOSE REEL
03.SEMAC CONNECTED FOR FIRE BRIGADECONNECTED TO WET RISER
04.ELECTRICALLY INSULATED METAL STRIP
05.UNDER GROUND TANK OF 50,000 LTRS— 50,000 LTRS
06.O.H.W.TANK FOR FIRE FIGHTING — 20,000 LTRS
07.INDICATOR PANEL
08.FIRE ALARM CALL POINT
09.AUDIABLE ALARM CALL POINT
10.LOUDSPEAKER OUTLET
11.CO2 FIRE EXTINGUISHER — CO2/DCP
12.FIRE RESISTANT DOOR — F.D.
13.AUTOMATIC SMOKE DETECTOR
14.AUTOMATIC SPRINKLER INSTALATION



PROP. GROUND PARKING FLOOR PLAN



SECTION Y-Y

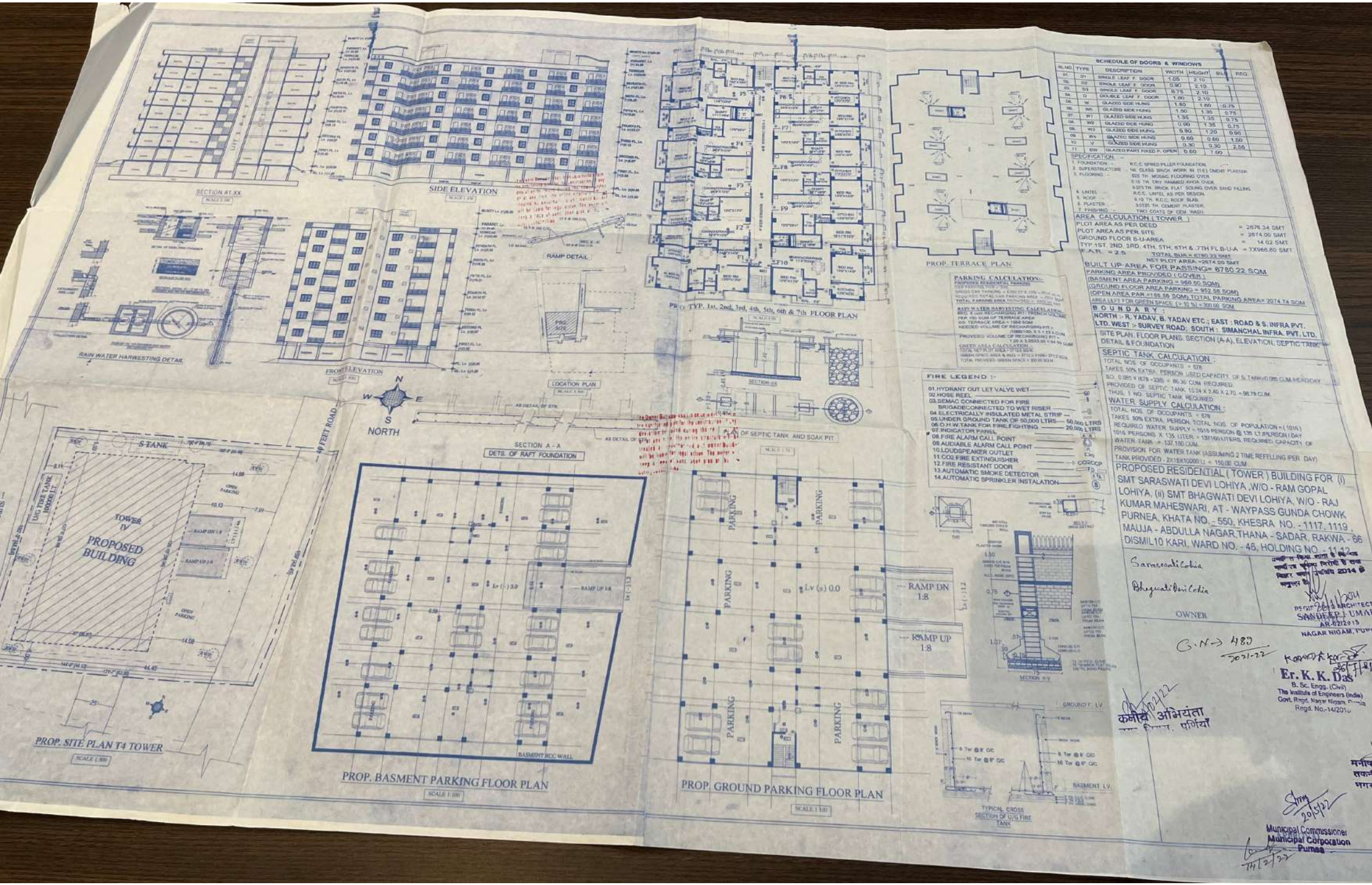
TYPICAL CROSS SECTION OF U/G FIRE TANK

Municipal Commissioner
Municipal Corporation
Purnea

Er. K. K. Das
B. Sc. Engg. (Civil)
The Institute of Engineers (India)
Govt. Regd. Nagar Nigam, Purnia
Regd. No.-14/2010

कनीय अभियंता

मनीष कुमार सिंह
तकनीकी पर्यवेक्षक
नगर निगम, पूर्णियाँ


SECTION AT XX
SIDE ELEVATION
RAMP DETAIL
RAIN WATER HARWESTING DETAIL
FRONT ELEVATION
LOCATION PLAN
N
S
NORTH
SECTION A - A
DETS. OF RAFT FOUNDATION
PROP. TYP. 1st, 2nd, 3rd, 4th, 5th, 6th & 7th FLOOR PLAN
PROP. TERRACE PLAN
SCHEDULE OF DOORS & WINDOWS
SPECIFICATION
AREA CALCULATION (TOWER)
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FIRE LEGEND :-
BOUNDARY :
SEPTIC TANK CALCULATION :
WATER SUPPLY CALCULATION :
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OWNER
PROP. SITE PLAN T4 TOWER
PROP. BASEMENT PARKING FLOOR PLAN
PROP. GROUND PARKING FLOOR PLAN
SECTION OF SEPTIC TANK AND SOAK PIT
TYPICAL CROSS SECTION OF U/G FIRE TANK
Er. K. K. Das
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