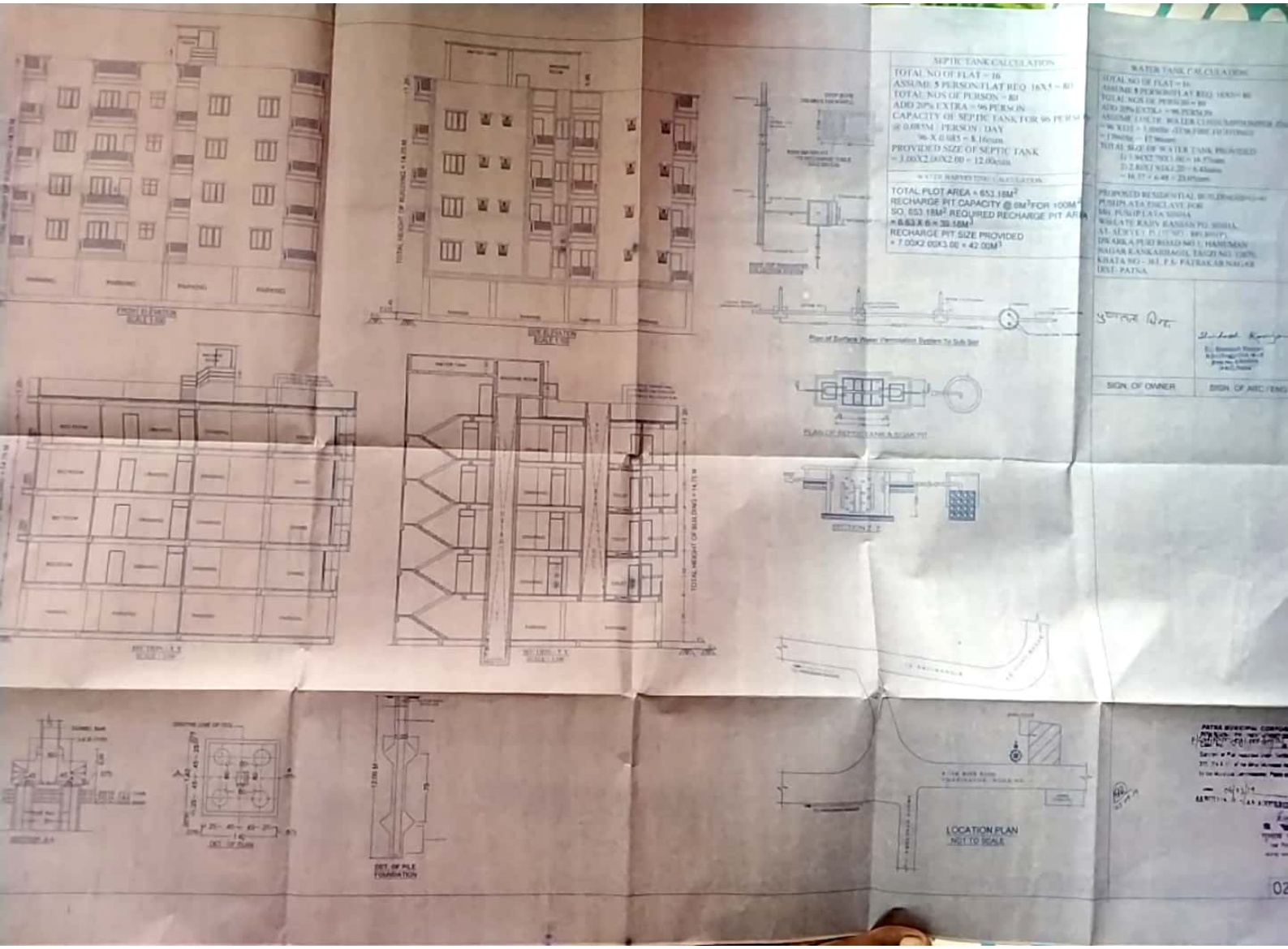


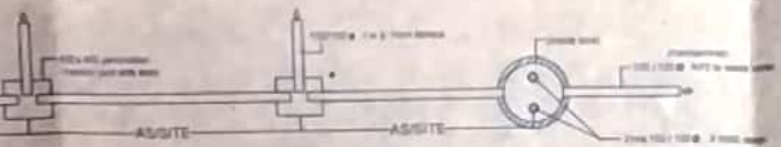
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SEPTIC TANK CALCULATION.

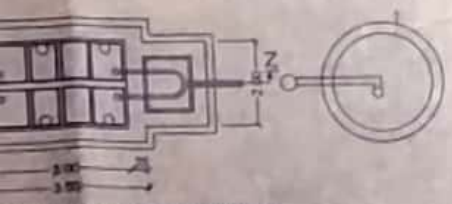
TOTAL NO OF FLAT = 16
ASSUME 5 PERSON/FLAT REQ. 16X5 = 80
TOTAL NOS OF PERSON = 80
ADD 20% EXTRA = 96 PERSON
CAPACITY OF SEPTIC TANK FOR 96 PERSON
@ 0.085M / PERSON / DAY
96 X 0.085 = 8.16cum.
PROVIDED SIZE OF SEPTIC TANK
= 3.00X2.00X2.00 = 12.00cum.

WATER HARVESTING CALCULATION

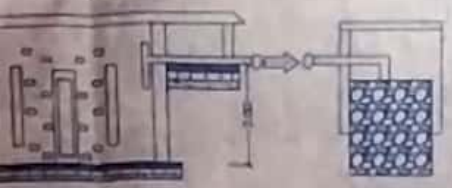
TOTAL PLOT AREA = 653.18M^2
RECHARGE PIT CAPACITY @ 6M^{3}FOR 100M^2
SO, 653.18M^2 REQUIRED RECHARGE PIT AREA
= 6.53 X 6 = 39.18M^3
RECHARGE PIT SIZE PROVIDED
= 7.00X2.00X3.00 = 42.00M^3



ce Water Percolation System To Sub-Soil



EPTIC TANK & SOAK PIT



ECTION Z-Z

WATER TANK CALCULATION

TOTAL NO OF FLAT = 16
ASSUME 5 PERSON/FLAT REQ. 16X5 = 80
TOTAL NOS OF PERSON = 80
ADD 20% EXTRA = 96 PERSON
ASSUME 135LTR. WATER CONSUMPTION/PER./DAY
= 96 X135 + 5,000ltr. (FOR FIRE FIGHTING)
= 17960ltr. = 17.96cum.
TOTAL SIZE OF WATER TANK PROVIDED
1) 5.94X2.79X1.00 = 16.57cum.
2) 2.80X1.93X1.20 = 6.48cum.
= 16.57 + 6.48 = 23.05cum.

PROPOSED RESIDENTIAL BUILDING(B+G+4)
PUSHPLATA ENCLAVE FOR
Mrs. PUSHP LATA SINHA
W/o LATE RAJIV RANJAN PD. SINHA,
AT- SURVEY PLOT NO - 889,890(P),
DWARKA PURI ROAD NO.1, HANUMAN
NAGAR KANKARBAGH, TAUZI NO. 13870,
KHATA NO - 361, P.S- PATRAKAR NAGAR
DIST- PATNA.

पुष्पलता सिन्हा

Shailesh Ranjan
Er. Shailesh Ranjan
B.Sc. (Engg) Civil, M.I.E
Enro.No.-ER/19/16
P.S.C. Patna

SIGN. OF OWNER	SIGN. OF ARC / ENG

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