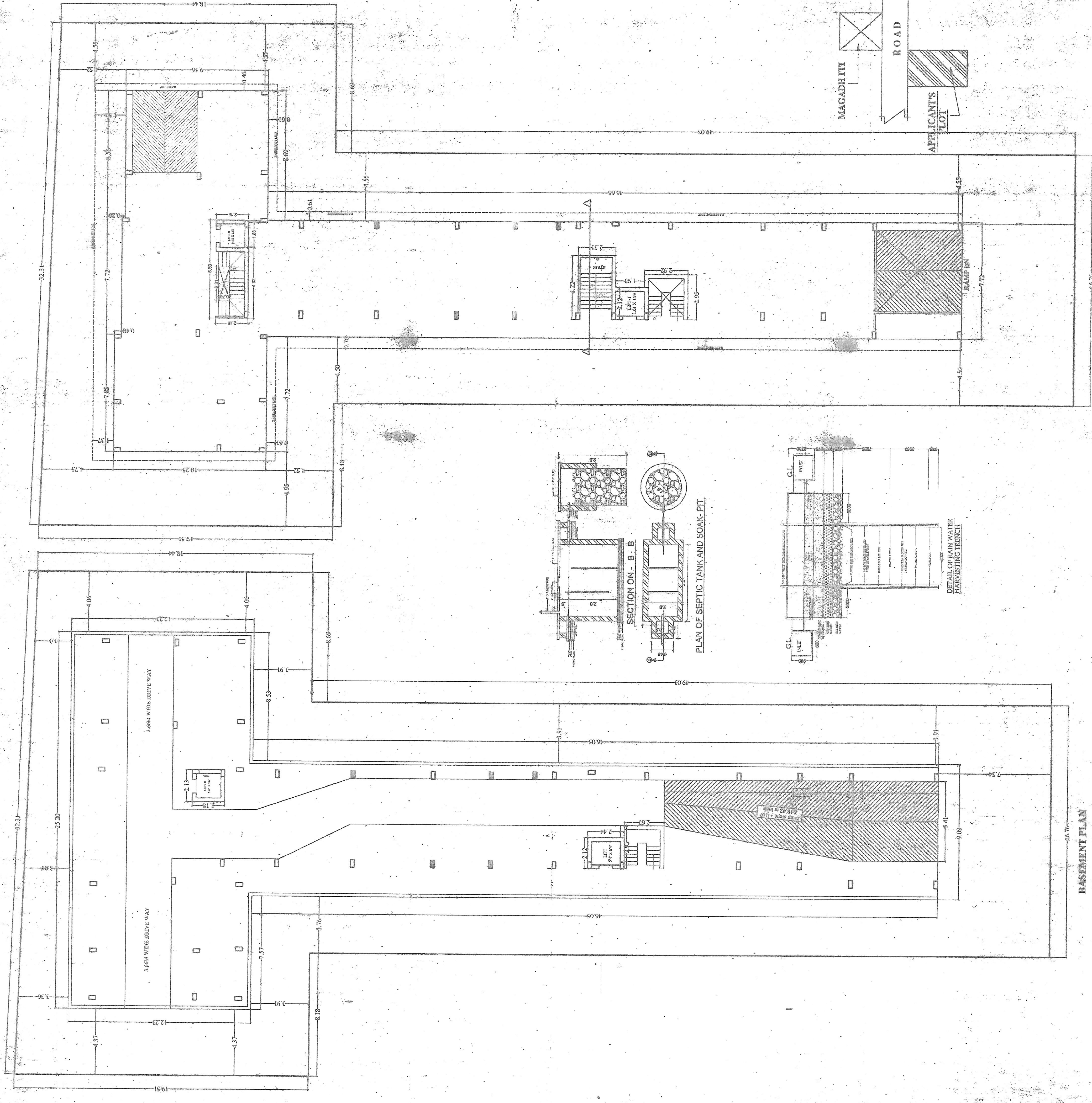


SEPTIC TANK CALCULATION
TOTAL NO. OF FLAT: 42
TOTAL = 210 PERSONS
ONE PERSON REQUIRED AREA = 0.085 H
TOTAL REQUIRED AREA = 210 X 0.085 = 17.85 CUM/DAY
SIZE OF SEPTIC TANK = (3.75 X 2.50 X 2.50) = 24.375 Cum

O.T. WATER TANK CALCULATION
TOTAL NO. OF FLAT: 42
TOTAL = 210 PERSONS
WATER REQUIRED MIN OF 1 PERSON = 135 H
TOTAL REQUIRED WATER = 210 X 135 H = 28350 LTR/DAY
TOTAL REQUIRED WATER TANK = 28.35 CUM
SIZE OF WATER TANK (4.50 X 2.50 X 2.50) X 2 = 30.375 Cum

PARKING CALCULATION
TOTAL BUILT UP AREA = 3631.34 SQ.M.
REQUIRED PARKING AREA = 25% OF 3631.34 SQ.M. = 907.83 SQ.M.
BASEMENT PARKING AREA = 708.10
GROUND PARKING AREA = 564.95
PROVIDED PARKING AREA = 1273.05

RAIN WATER HARVESTING CHAMBER
TOTAL TERRACE AREA = 599.23 Sqm.
REQUIRED VOLUME FOR R.W.H CHAMBER
Per 100 Sq mt = 4 cum Req.
Say 599.23 Sqmt / 100 X 6 = 35.95 cum
PROVIDED CHAMBER : 5.0 X 3.0 X 3.0 = 45.00 cum



DR. NARAYAN RACHMANSHI
DIRECTOR
7/6/17/18

SIGNATURE OF OWNER
SIGNATURE OF ARCHITECT/DRAWER

7/6/17/18

7/6/17/18

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