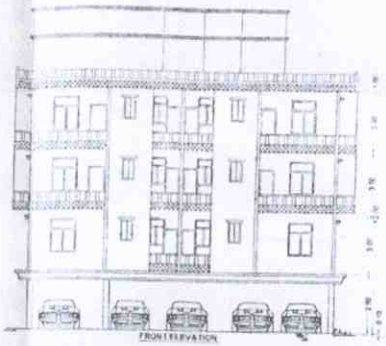

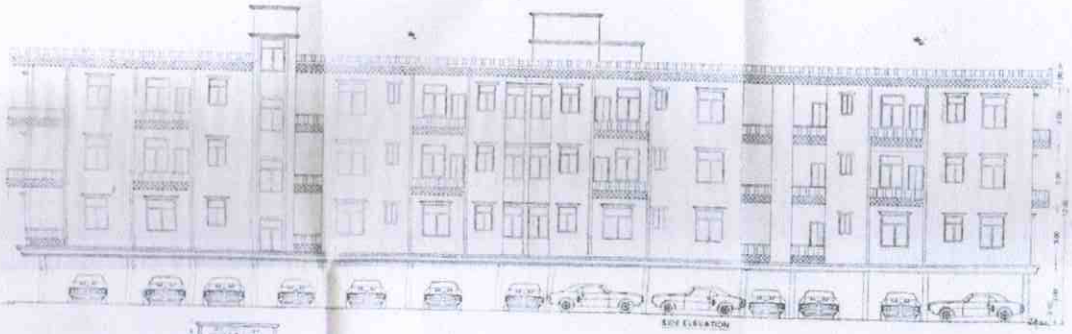

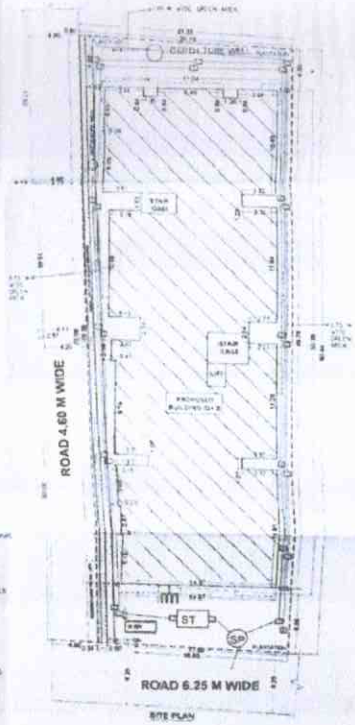

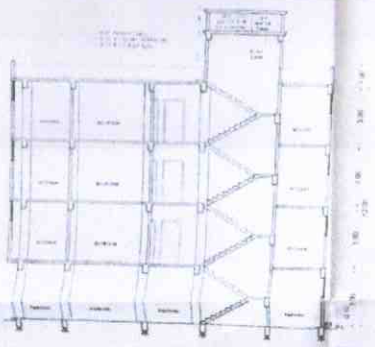

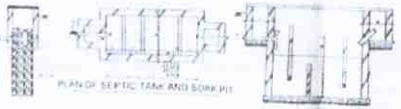

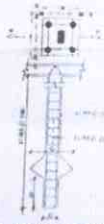

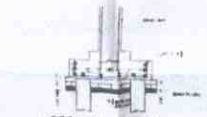

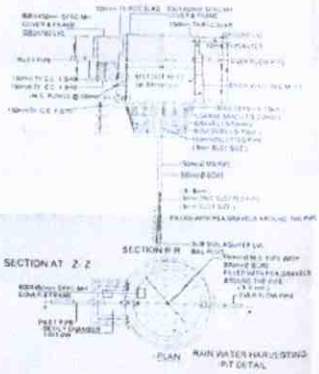

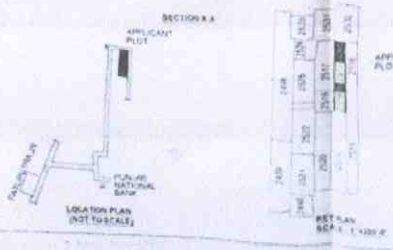

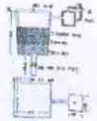

SPECIFICATION

SEPTIC TANK CALCULATION

TOTAL NO OF PERSONS = 144 PERSONS
1 KLD PERSON REQU AREA = 0.045 CUM/DAY
TOTAL REQU AREA = 144 X 0.045 = 12.24 CUM/DAY
PROVIDE AREA OF SEPTIC TANK = 13.00 X 3.00 X 1.80 = 70.20 CUM

WATER TANK CALCULATION

TOTAL NO OF FLAT = 24 NOS.
AVG NO OF PERSON PER FLAT = 24X6 = 144 PERSONS
ADD 20% EXTRA = 30 TOTAL NO. OF PERSON =180
FOR WATER REQUIRED PER DAY AT AVG 135 LPCD = 24300 = 24.30 KLD
1 OVERHEAD TANK = 5 X 3 X 1.5 = 22.50 KL
2 OVERHEAD TANK = 4 X 3 X 1.5 = 18.00 KL
TOTAL PROVIDED CAPACITY = 40.50 KL
UNDER GROUND WATER FOR FIRE FIGHTING = 100 KL

PARKING CALCULATION

TOTAL BUP AREA = 2263.00SQM
25% OF BUP AREA = 565.80 SQM
TOTAL PARKING AREA REQUIRED = 565.80 SQM
PARKING AREA PROVIDED IN GROUND FLOOR = 211.98 SQM
TOTAL PARKING AREA PROVIDED = 1137.94 SQM

FIRE LEGEND

	1. HYDRANT OUTLET (WET RISER)
	2. HOSE REEL
	3. UNDER GROUND WATER TANK WITH PUMPING ARRANGEMENT
	4. OVER HEAD WATER TANK WITH PUMPING ARRANGEMENT
	5. SPRINKLER CONNECTION
	6. ELECTRICALLY OPERATED METAL CLAD DP 2 X 4 X 5 WAY
	7. EXTINGUISHER
	8. AUTOMATIC INDICATOR
	9. AREA COVERED BY SMOKE DETECTOR
	10. FIRE ALARM CALL POINT
	11. AUDIBLE WARNING DEVICE
	12. LOUD SPEAKER OUT LET
	13. TELEPHONE POSITION
	14. FIRE RESISTANCE DOOR
	15. AREA COVERED BY SPRINKLER

PROPOSED RESIDENTIAL BUILDING FOR
SRI MANISH KUMAR
S/O SRI RAJ KUMAR SINGH
PLOT DETAIL –
MOUZA- MAKDUMPUR DIGHA
THANA NO -01
KHESRA PLOT NO - 2517 & 2518
SOCIETY PLOT NO -21 22 23 24 BLOCK -B
KHATA -1321 & 1367
TAUZI - 5240
DICTRICT - PATNA

SCALE 1:200 | NORTH | DRAWING NO 1 A1

SECTION X-X

SIDE ELEVATION

FRONT ELEVATION

SECTION A-A

PLAN OF SEPTIC TANK AND SOAK PIT

SECTION AT M - M

SECTION AT Z-Z

SECTION R-R

PLAN

RAIN WATER HARVESTING PIT DETAIL

APPLICANT PLOT

LOCATION PLAN (NOT TO SCALE)

APPLICANT PLOT

SET OF PILE FOUNDATION

DET. OF RECHARGEBLE BORE WELL

SITE PLAN

CONDUCTORS AREA

ROAD 4.60 M WIDE

ST

SUMP

ROAD 6.25 M WIDE

SITE PLAN

CR. SHAILESH RANJAN

SIG. OF OWNER

SIG. OF ENGINEER/ARCHITECT

PATNA MUNICIPAL CORPORATION