

RAIN WATER HARVESTING CALCULATION
TOTAL TERRACE AREA = 361.73 SQM.
RECHARGE PIT CAPACITY @ 6 CUM FOR 100 SQM.
SO, 361.73 SQM. REQUIRED RECHARGE PIT AREA
= 602.88 SQM. (217.2 CUM)
RECHARGE PIT SIZE PROVIDED
= 3.00X2.00X4.00 = 24.00 CUM

:- FIRE LEGEND :-

1.	UNDER GROUND WATER TANK OF 25,000 LTRS. CAP.	FD
2.	FIRE RESISTANCE DOOR	FR
3.	FIRE HYDRANT SYSTEM	HY
4.	HOSE REEL	HR
5.	MANUAL CALL ALARM POINT	MCAP
6.	FIRE EXTINGUISHER CO2 TYPE	EXT
7.	ILLUMINATED EXIT DIRECTIONAL SIGN	EXIT
8.	SEWAGE CONNECTION	SC
9.	EMERGENCY LIGHTING SYSTEM	ELS
10.	FIRE SPRINKLER	SP
11.	SMOKE DETECTOR	SD

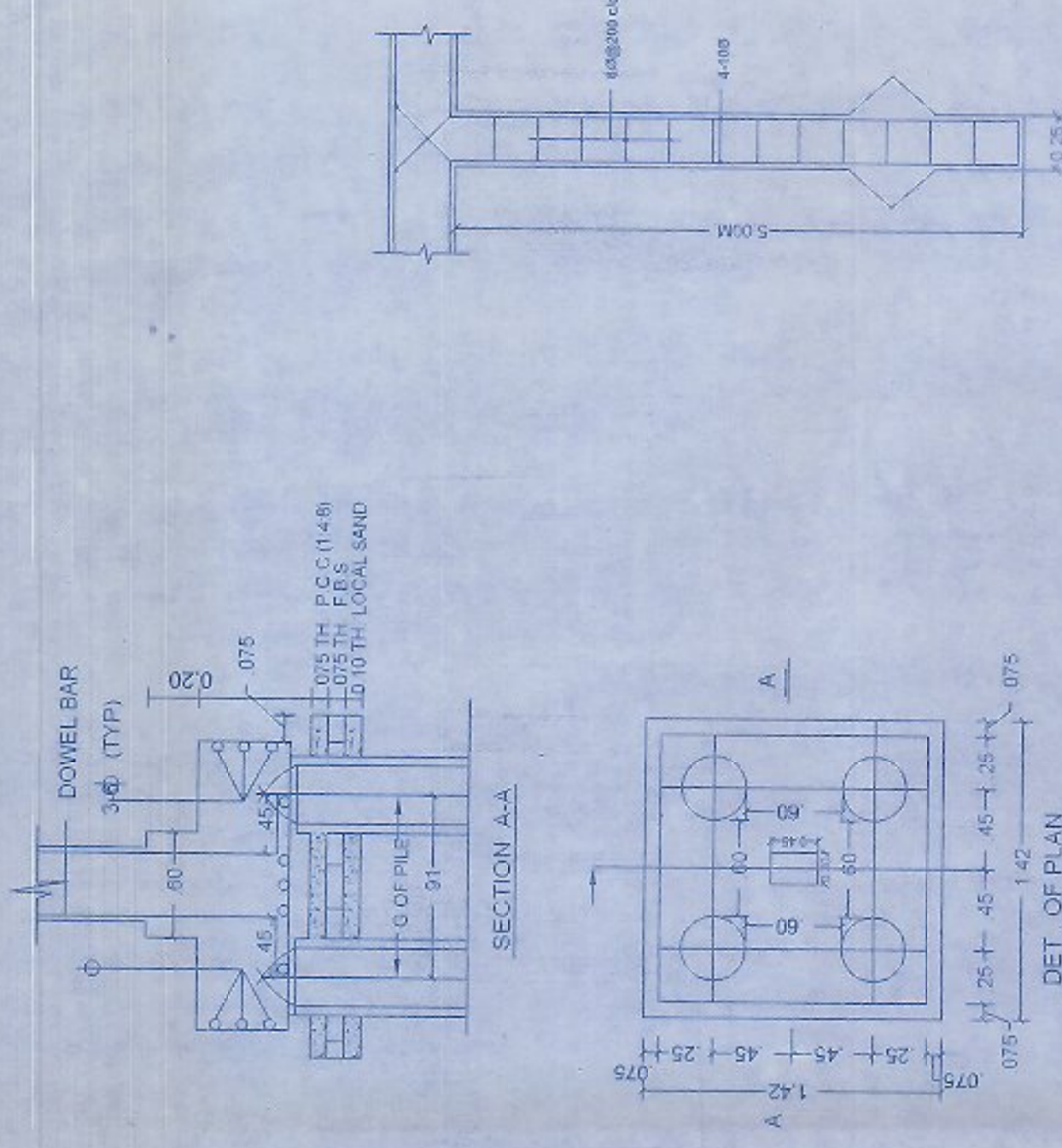
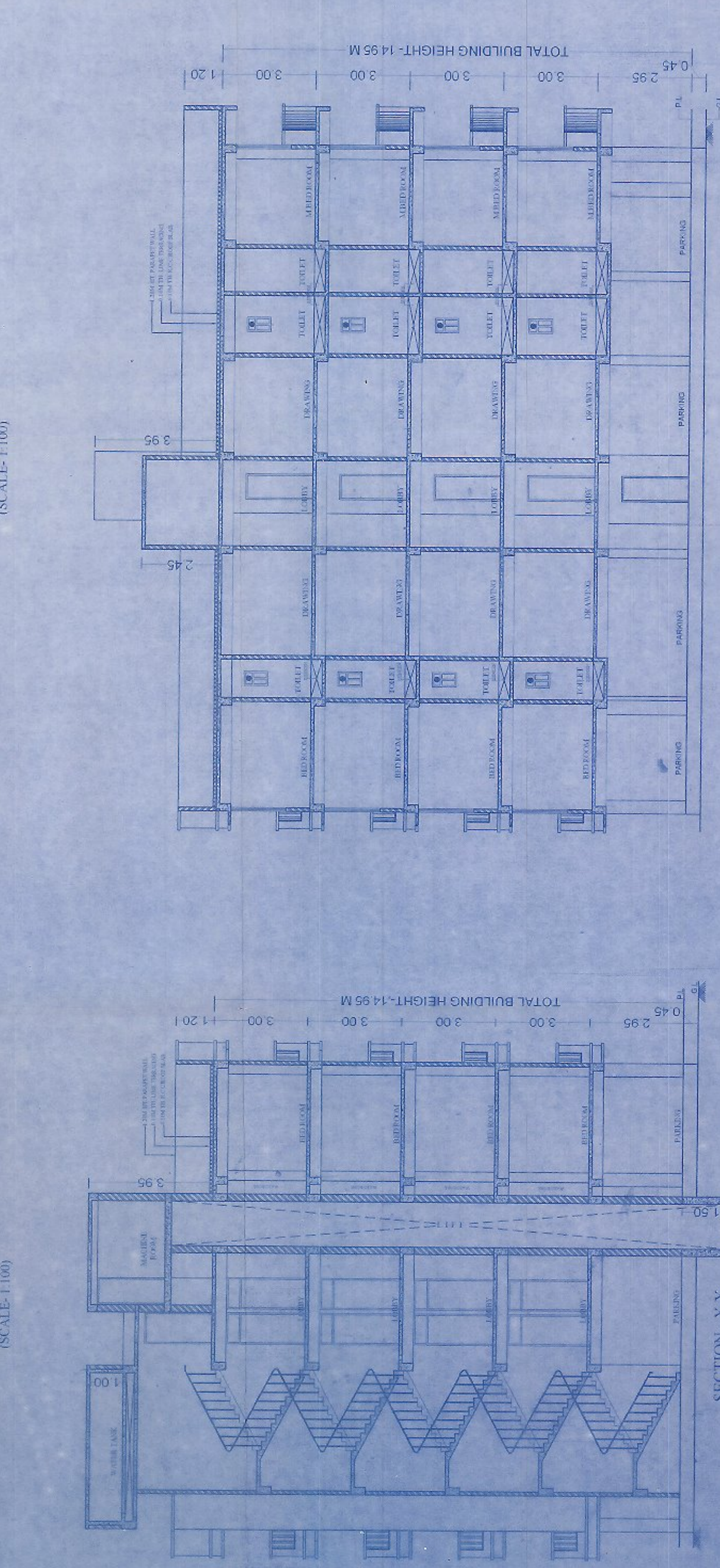
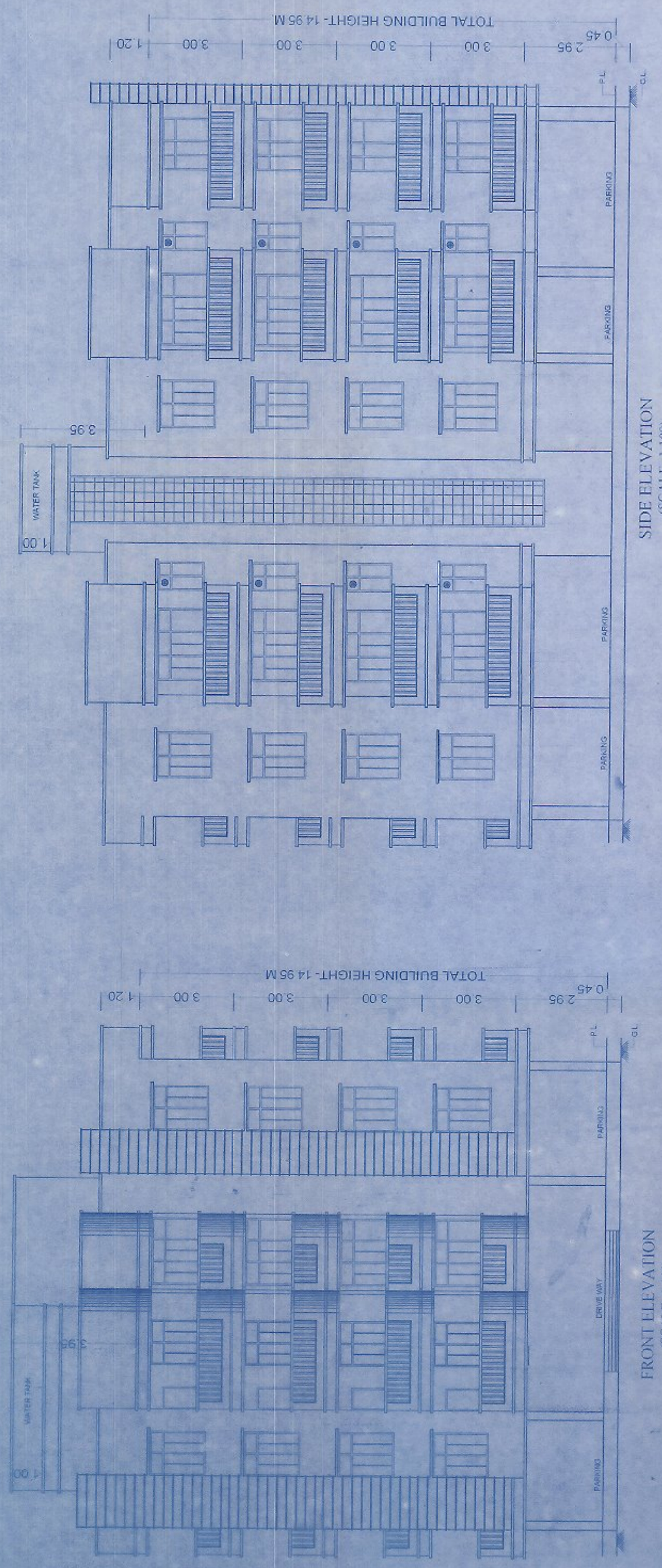
WATER TANK CALCULATION
NOS. OF FLAT = 16
ASSUME 5 PERSON / FLAT REQ. 10X5 = 80
TOTAL NOS. OF PERSON = 96
ADD 20% EXTRA = 96 PERSON
ASSUME 135 LTR WATER CONSUMPTION/PERDAY
= 96 X 135 = 12960 LTR. (FOR FIRE FIGHTING)
= 12960 LTR. + 5000 LTR. = 17960 CUM
TOTAL WATER TANK REQUIRED = 17.96 CUM.
TOTAL WATER TANK PROVIDED
= 5.59 X 3.25 X 1.00 = 18.17 CUM

SEPTIC TANK CALCULATION
NOS. OF FLAT = 16
ASSUME 5 PERSON / FLAT REQ. 10X5 = 80
TOTAL NOS. OF PERSON = 96
ADD 20% EXTRA = 96 PERSON
CAPACITY OF SEPTIC TANK FOR 96 PERSON
@ 0.085M / PERSON/DAY
96 X 0.085 = 8.16 CUM
TOTAL SIZE OF SEPTIC TANK REQUIRED
= 8.16 CUM
TOTAL SIZE OF SEPTIC TANK PROVIDED
= 4.00 X 2.00 X 2.00 = 16.00 CUM

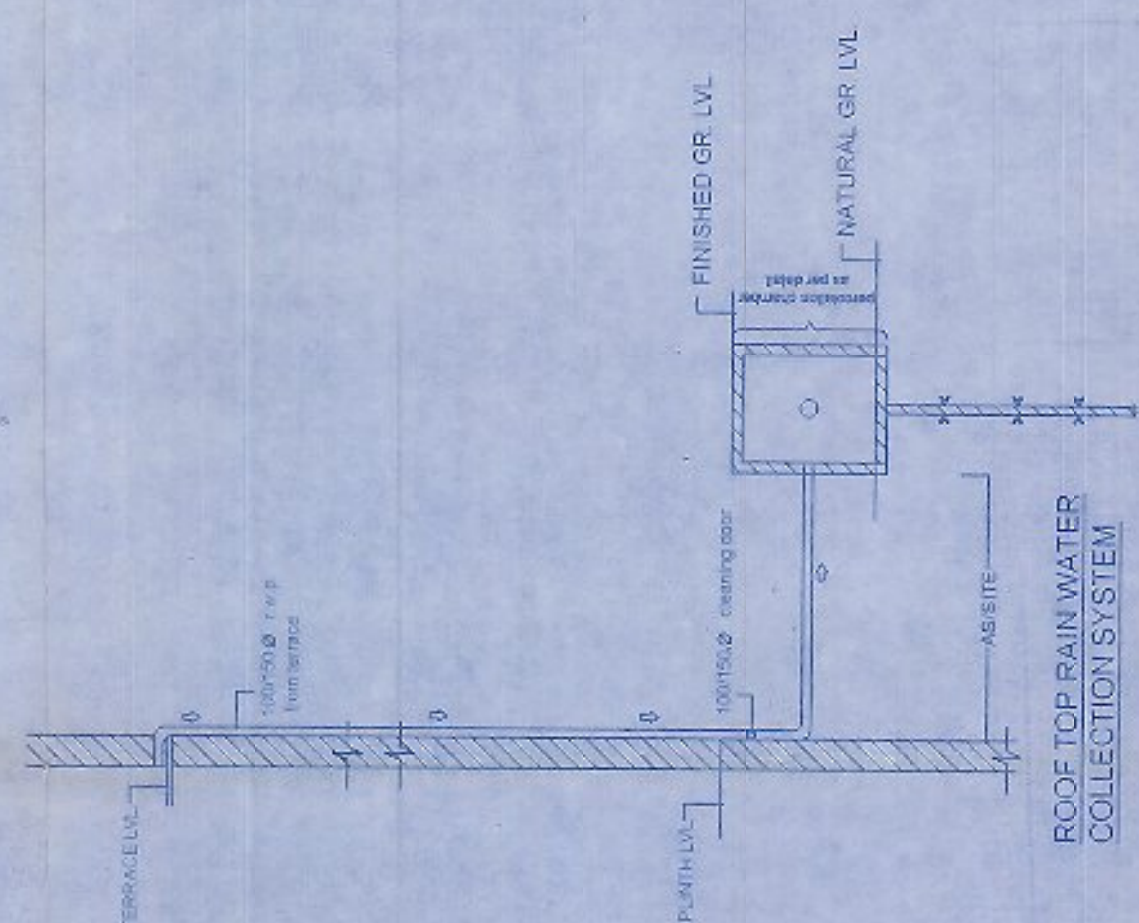
PROJECT:-
PROPOSED RESIDENTIAL BUILDING FOR
M/S SHREE KRISHNA CONSTRUCTIONS
PARTNERS :-
01. SHRI UPENDRA RAJWANI
02. SHRI ROHIT KUMAR KHEMKA
S/O - SHRI PAVAN KUMAR KHEMKA
AT MAUZA - PHULWARSHIRF,
MOHALLA - PURNENDU NAGAR, SR. NO. - 41,
P.S. - PHULWARSHIRF, THANA NO. - 35,
TAUJINO - 5160, 5165, KHATA NO. - 807 & 632,
PLOT NO. - 918(P), 919(P), 923(P),
SUB PLOT NO. E 32, DIST. - PATNA (BHAR).

SIGNATURE OF OWNER
SIGNATURE OF ARCHT. ENG.

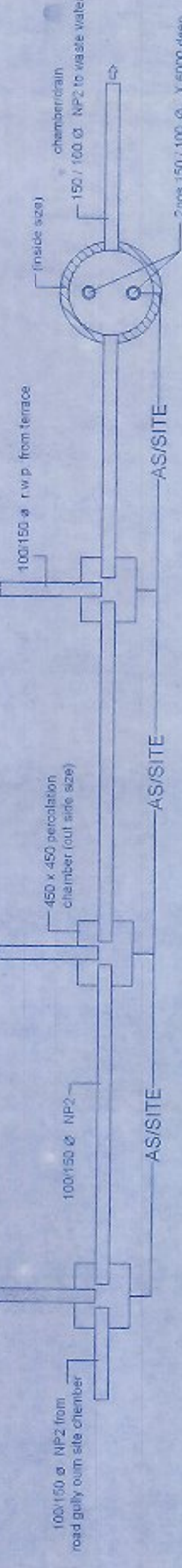
Building Plan No. - 181/24/17-20
रजनीश्वरी भवन/अवस्थिति की शुरुआत के आदेश पर
पंजीकृत नगर के नगरपालिका कार्यालय की तारीख से जारी है।
(1) निर्माण कार्य के दौरान नगरपालिका कार्यालय का
कार्यालय कार्यालय कार्यालय कार्यालय कार्यालय का
(2) निर्माण कार्य के दौरान नगरपालिका कार्यालय का
(3) निर्माण कार्य के दौरान नगरपालिका कार्यालय का
(4) निर्माण कार्य के दौरान नगरपालिका कार्यालय का
(5) निर्माण कार्य के दौरान नगरपालिका कार्यालय का



DETAIL OF PILE FOUNDATION



SECTION - X-X
(SCALE-1:100)



Plan of Surface Water Percolation System To Sub-Soil
WATER HARVESTING PLANT

Junior Engineer
Nagar Palika, Purnia, Bihar

Junior Engineer
Nagar Palika, Purnia, Bihar