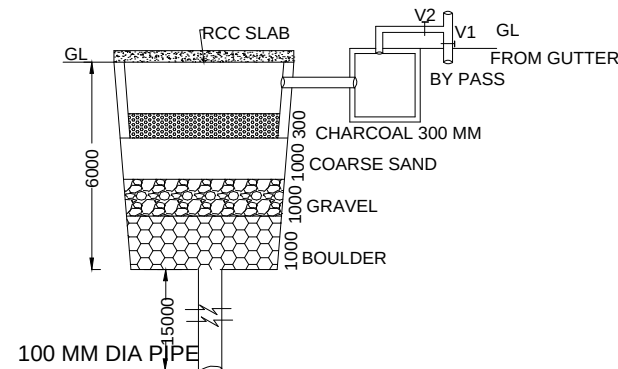
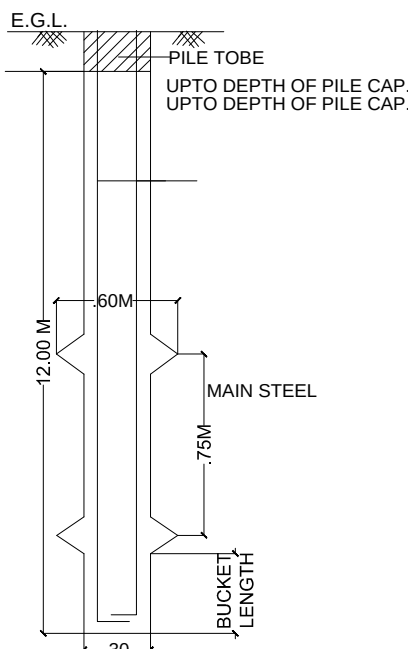


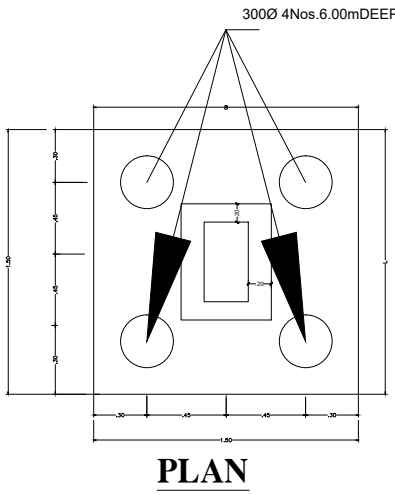
TYP.PLAN OF RECHARGE BORE WELL



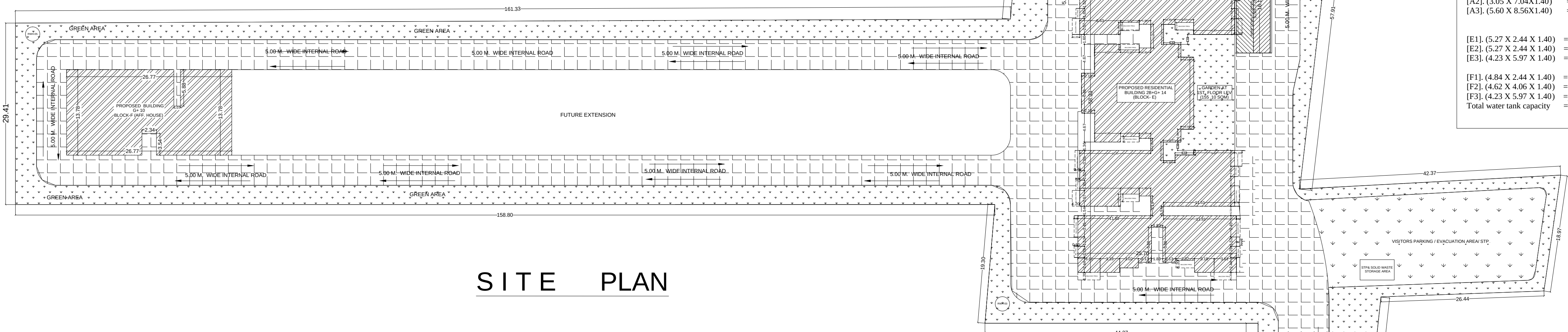
RECHARGE BORE WELL SECTION A-A



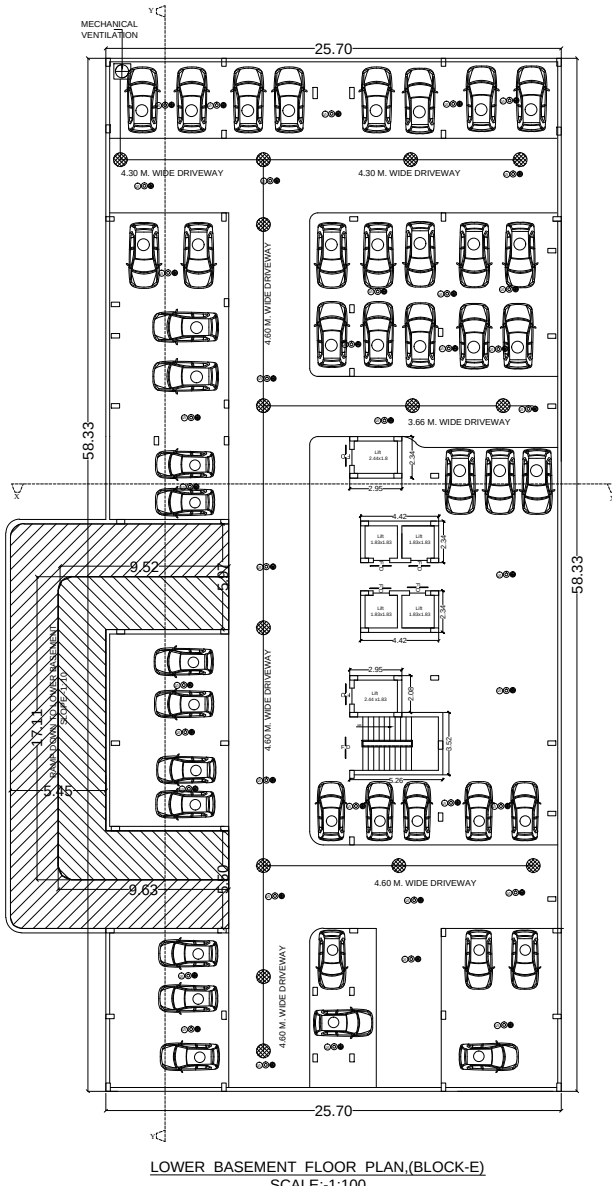
TYP. DET. OF PILE FOUNDATION.



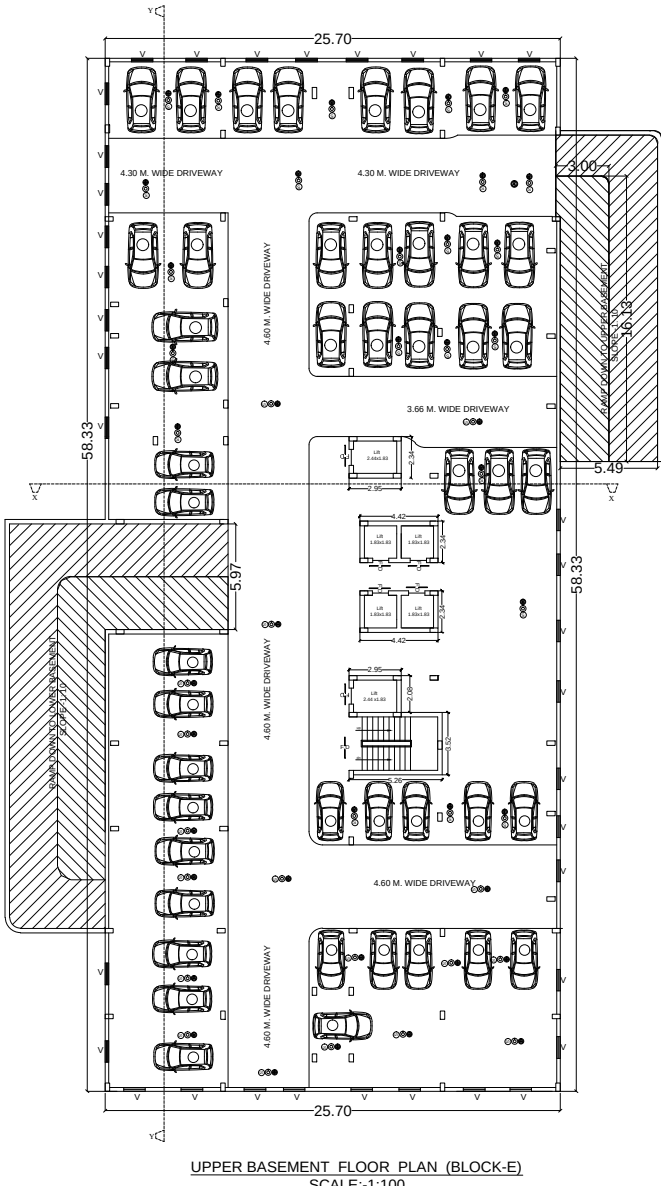
PLAN



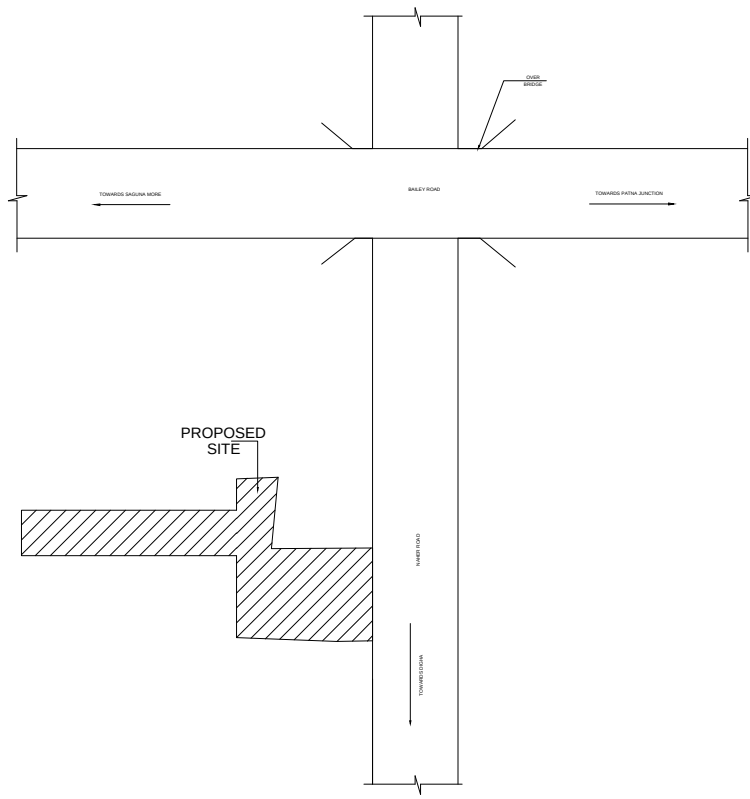
SITE PLAN



LOWER BASEMENT FLOOR PLAN (BLOCK E)
SCALE: 1:100



UPPER BASEMENT FLOOR PLAN (BLOCK E)
SCALE: 1:100



LOCATION PLAN
SCALE:- NTS

FIRE LEGEND :-	
01. HYDRANT OUT LET VALVE WET	Symbol
02. HOSE REEL	Symbol
03. SEMAC CONNECTED FOR FIRE BRIGADE	Symbol
04. ELECTRICALLY INSULATED METAL STRIP	Symbol
05. UNDER GROUND TANK OF 2,00,000 Ltrs	Symbol
06. O.H.W. TANK FOR FIRE FIGHTING	Symbol
08. FIRE ALARM CALL POINT	Symbol
09. AUDIBLE ALARM CALL POINT	Symbol
10. LOUDSPEAKER OUTLET	Symbol
11. CO2 FIRE EXTINGUISHER	Symbol
12. FIRE RESISTANT DOOR	Symbol
13. AUTOMATIC SMOKE DETECTOR	Symbol
14. AUTOMATIC SPRINKLER	Symbol
15. EMERGENCY LIGHT POINT	Symbol

SOFT GREEN AREA CALCULATION :-

TOTAL NET PLOT AREA = 12,186.18 m²
GREEN AREA REQUIRED @ 20% OF TOTAL PLOT AREA = 2437.23 m². (REQUIRED)

PROVIDED GREEN SPACE AREA ALL AROUND THE BOUNDRY = 2354.15 m².
AT 1ST. FLOOR LEV. IN BLOCK E = 155.10 m².
TOTAL GREEN AREA = 2509.25 m². (PROVIDED)

PARKING CALCULATION :-	
COMMERCIAL	
TOTAL B/U AREA = 1203.28 sqm.	
DEDUCT FOR SERVICE AREA @ 15% - (1203.28 x 15%) = 180.49 sqm.	
PARKING AREA REQ. @ 30% OF NET B/U AREA, = 1022.78 x 25% = 306.83 sqm.	
RESIDENTIAL	
TOTAL B/U AREA = 23574.42 sqm.	
DEDUCT FOR SERVICE AREA @ 15% - (23574.42 x 15%) = 3536.16 sqm.	
PARKING AREA REQ. @ 30% OF NET B/U AREA, = 20038.25 x 25% = 5009.56 sqm.	
TOTAL REQ PARKING AREA = (306.83 + 5009.56) = 5316.39 SQM. (REQUIRED)	
PROVIDED	
BLOCK- A	
LOWER BASEMENT PARKING AREA = 714.41 SQM.	
UPPER BASEMENT PARKING AREA = 714.41 SQM.	
BLOCK- E	
LOWER BASEMENT PARKING AREA = 1446.10 SQM.	
UPPER BASEMENT PARKING AREA = 1446.10 SQM.	
GROUND FLOOR PARKING AREA = 1442.24 SQM.	
TOTAL PARKING AREA = 5763.26 SQM. (PROVIDED)	

POPULATION DENSITY CALCULATION :-	
COMMERCIAL	
TOTAL B/U AREA = 1203.28 SQM	
TOTAL CARPET AREA = 1203.28 / 2 = 601.64 SQM	
TAKING DENSITY OF 6 SQM PER PERSON = 601.64 / 6 = 100.27, SAY = 101 PERSONS	
RESIDENTIAL :-	
TOTAL NO. OF FLAT (BLOCK-A) = 60 NOS.	
TOTAL NO. OF FLAT (BLOCK-E) = 140 NOS.	
TOTAL NO. OF FLAT = 200 NOS.	
EACH FLAT HAVING 5 PERSON	
SO TOTAL NO OF PERSON = 200 x 5 = 1000 NOS.	
& TOTAL PERSON OF AFF HOUSE = 365 NOS	
SO GRAND TOTAL NO OF PERSON = (101 + 1000 + 365) = 1466 NOS.	
SEPTIC TANK CALCULATION :-	
SO TOTAL NO OF PERSON = 1466 PERSON	
PER PERSON NEED 0.085 CUM. CAPACITY OF SEPTIC TANK PER DAY	
SO TOTAL REQ. CAPACITY OF TOTAL REQUIRED SEPTIC TANK = 1466 x 0.085 = 124.61 CUM. (REQUIRED)	
PROVIDED:-	
PROVIDED SEPTIC TANK SIZE 3 NOS. [1], (7.00X 4.00 X 1.80)X3 = 151.12 Cum. (PROVIDED)	
WATER TANK CALCULATION :-	
COMMERCIAL	
TOTAL NO PERSON = 101 PERSONS	
PER PERSON NEED 45 LTRS PER DAY	
TOTAL PERSON NEED 101 X 45 = 4545.00 LTRS.	
RESIDENTIAL :-	
TOTAL NO OF PERSON = 1101 PERSON	
TOTAL SEPTIC TANK REQUIRED	
PER PERSON NEED 135 LTRS PER DAY	
TOTAL PERSON NEED = 1365 X 135 = 1,84,275 LTRS.	
& FOR FIRE FIGHTING TAKE 25,000 LTRS. EACH	
TOTAL WATER TANK REQUIRED = (4545 + 1,84,275 + 25,000.00) = 2,13,820 Ltrs. (REQUIRED)	
PROVIDED:-	
PROVIDED WATER TANK 6 NOS. SIZE [A1], (5.89 X 2.82 X 1.40) = 23,250 Ltrs. [A2], (3.05 X 7.04 X 1.40) = 30,006 Ltrs. [A3], (5.60 X 8.56 X 1.40) = 67,110 Ltrs.	
[E1], (5.27 X 2.44 X 1.40) = 18,000 Ltrs. [E2], (5.27 X 2.44 X 1.40) = 18,000 Ltrs. [E3], (4.23 X 5.97 X 1.40) = 35,305 Ltrs.	
[F1], (4.84 X 2.44 X 1.40) = 14,530 Ltrs. [F2], (4.62 X 4.06 X 1.40) = 26,260 Ltrs. [F3], (4.23 X 5.97 X 1.40) = 35,305 Ltrs.	
Total water tank capacity = 2,67,766.00 Ltrs. (Provided)	

AREA CALCULATION :-				01/06
TOTAL PLOT AREA AS / DEED = 12300.14 sqm.				
TOTAL PLOT AREA AS / SITE = 12300.14 sqm.				
EFFECTED LAND FOR MASTER PLAN = 113.96 sqm.				
NET PLOT AREA = 12186.18 sqm.				
	BLOCK- A	BLOCK- E	BLOCK F (AFF. HOUSE)	
LOWER BASEMENT FLOOR B/U AREA	36.31 m ²	52.22 m ²	X X X	
UPPER BASEMENT FLOOR B/U AREA	21.45 m ²	29.90 m ²	X X X	
GROUND FLOOR B/U AREA	617.64 m ²	56.84 m ²	233.15 m ²	
1ST. FLOOR B/U AREA	585.64 m ²	1110.25 m ²	351.43 m ²	
2ND. FLOOR B/U AREA	652.85 m ²	1110.25 m ²	351.43 m ²	
3RD. FLOOR B/U AREA	652.85 m ²	1110.25 m ²	351.43 m ²	
4TH. FLOOR B/U AREA	652.85 m ²	1110.25 m ²	351.43 m ²	
5TH. FLOOR B/U AREA	652.85 m ²	1110.25 m ²	351.43 m ²	
6TH. FLOOR B/U AREA	652.85 m ²	1110.25 m ²	351.43 m ²	
7TH. FLOOR B/U AREA	652.85 m ²	1110.25 m ²	351.43 m ²	
8TH. FLOOR B/U AREA	652.85 m ²	1110.25 m ²	351.43 m ²	
9TH. FLOOR B/U AREA	652.85 m ²	1110.25 m ²	351.43 m ²	
10TH. FLOOR B/U AREA	652.85 m ²	1110.25 m ²	351.43 m ²	
11TH. FLOOR B/U AREA	652.85 m ²	1110.25 m ²		
12TH. FLOOR B/U AREA	652.85 m ²	1110.25 m ²		
13TH. FLOOR B/U AREA	652.85 m ²	1110.25 m ²		
14TH. FLOOR B/U AREA	X X X X	1110.25 m ²		
TOTAL B/U AREA	9095.24 m ²	15,682.46 m ²	3747.45 m ²	
F.A.R. = 24,777.70 / 12,186.18 = 2.03				
GROUND COVERAGE = 17.35 %				
AFFORDABLE HOUSE CALCULATION:-		PLOT DETAIL:-		
ALL FLOOR B/U AREA = BLOCK (A & E) = 24,777.70 SQM		PROPOSED BUILDING OF AAROH HOMES PVT LTD		
SO TOTAL AFFORDABLE HOUSING AREA REQ. = 24,777.70 X 15 / 100 = 3716.65 SQM.		DIRECTOR :- (01) RAJESH RAJ		
PROVIDE AFFORDABLE HOUSING AREA IN BLOCK-F (Affordable House) = 3747.45 SQM. (PROVIDED)		S/O - LATE BRAJENDRA KUMAR SINHA		
TOTAL B/U AREA INCLUDING AFFORDABLE HOUSE = 24,777.70 + 3747.45 = 28,525.15 SQM.		(02) GIRI SHANTIDIP		
F.A.R. = 28,525.15 / 12,186.18 = 2.34		S/O - LATE RUPENDRA PRASD.		
(Including Affordable House)		(03) RAKESH KUMAR SINHA,		
POPULATION CALCULATION OF AFF. HOUSE		S/O - LATE DEVENDRA PRASD SINHA,		
TOTAL NO. OF FLAT = 73 nos.		THANA NO. - 17,		
EACH FLAT HAVING 5 PERSON		KHATA NO - 142,170,194,201,114		
SO TOTAL NO OF PERSON = 73 X 5 = 365 nos		THANA - DANAPUR, MAUZA - SIKANDARPUR,		
WATER HARVESTING SUMP CALCULATION		DIST. - PATNA.		
TERRACE FLOOR AREA = 2182.43 sqm.		SCALE.	NORTH.	
RAIN WATER HARVESTING SUMP REQ. 6 CUM FOR EVERY 100 SQM. TERRACE AREA, SO TOTAL REQ. CAPACITY OF SUMP = 21.82 x 6 = 130.94 CUM. (REQUIRED)		1 : 100,		
PROVIDED FIRE TANK SIZE = 5.00x5.00x6.00 = 150.00 cum. (PROVIDED)			SIGN. OF EMPANELLED STRUCT. ENGINEER.	
		SIGNATURE OF OWNER / DEVELOPER	SIGN. OF EMPANELED ARCHITECT.	