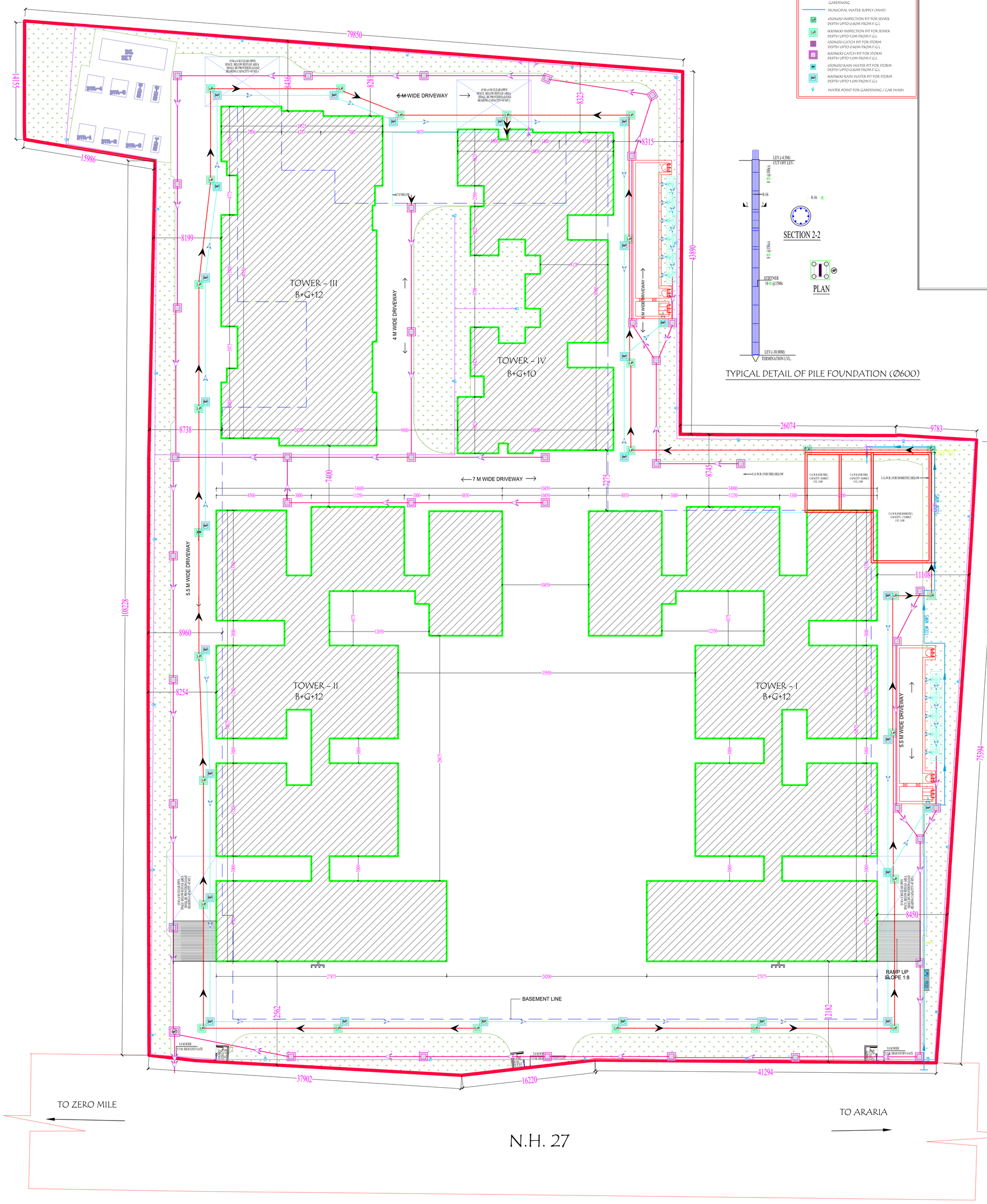


TO ZERO MILE

TO ARARIA

N.H. 27

SITE PLAN

SCALE-1:100

N

PHE LEGENDS:

- SEWERAGE LINE
- STORM WATER LINE
- WATER SUPPLY FOR GARDENING
- MUNICIPAL WATER SUPPLY (MWS)
- LP — 450X450 INSPECTION PIT FOR SEWER DEPTH UPTO 0.60M FROM F.G.L
- LP — 600X600 INSPECTION PIT FOR SEWER DEPTH UPTO 1.0M FROM F.G.L
- 450X450 CATCH PIT FOR STORM DEPTH UPTO 0.60M FROM F.G.L
- 600X600 CATCH PIT FOR STORM DEPTH UPTO 1.0M FROM F.G.L
- RP — 450X450 RAIN WATER PIT FOR STORM DEPTH UPTO 0.60M FROM F.G.L
- RP — 600X600 RAIN WATER PIT FOR STORM DEPTH UPTO 1.0M FROM F.G.L
- WATER POINT FOR GARDENING / CAR WASH

SIGN OF STRUCTURAL ENGINEER

SIGN OF ARCHITECT

SIGN OF BUILDING DEVELOPER

SCHEDULE OF DOORS & WINDOWS

TYPE	SILL	LINTEL	SIZE	TYPE	SILL	LINTEL	SIZE
D1	-	2100	1800X2100	W1	450	2100	1800X1650
D2	-	2100	1500X2100	W1A	900	2100	1800X1200
D2A	-	2100	1200X2100	W2	450	2100	1500X1650
D3	-	2100	1100X2100	W3	450	2100	900X1650
D4	-	2100	900X2100	WK1	1050	2100	900X1050
D5	-	2100	750X2100	WK2	1050	2100	750X1050
SD1	-	2100	2100X2100	WK3	1050	2100	500X1050
SD2	-	2100	1800X2100	WS1	900	2100	1200X1200
SD3	-	2100	1500X2100	WS2	900	2100	900X1200
FCD	-	2100	1200X2100	V	1200	2100	500X900

PLOT DETAIL :-

PROPOSED RESIDENTIAL & COMMERCIAL BUILDING OF
SMT. ASHA KEDIA, SHREE AMIT KEDIA, JBT REAL ESTATE DEVELOPERS LLP & OTHERS
ON PLOT NO – 885 & 890 , THANA NO – 240 , TAUZI NO – 815 , KHATA NO – 212 & 254
MAUZA – HASYA, THANA – SADAR PURNIA DIST – PURNIA

DEVELOPERS:

PRANSHI EMPIRE LLP

AREA STATEMENT

TOTAL LAND AREA (262.77 Decimal) ---------- 10,635.83 SQM

BASEMENT FLOOR AND GROUND FLOOR AREA TOWER I, II, III

PROPOSED BASEMENT FLOOR AREA	(Including All Tower as per Drawing)	= 6,544.86 SQM.
PROPOSED GROUND FLOOR AREA	(Tower I & Tower II)	= 4,364.35 SQM.
PROPOSED GROUND FLOOR AREA	(Tower III)	= 646.23 SQM.
PROPOSED TOTAL FLOOR AREA	----------	= 11,355.42 SQM

TOWER–I (B+G+XII)

PROPOSED 1ST FLOOR AREA (RESI.+AMENITIES+SHOWROOM)		= 1255.25 SQM.
PROPOSED 2ND FLOOR AREA(RESI.+SHOWROOM)		= 1173.45 SQM.
PROPOSED 3RD & 4TH FLOOR AREA (RESI.+OFFICE)	(1173.45 X 2)	= 2346.90 SQM.
PROPOSED 5TH FLOOR AREA(RESI.)		= 1172.64 SQM.
PROPOSED 6TH TO 10TH FLOOR AREA(RESI.)	(1176.07 X5)	= 5880.35 SQM.
PROPOSED 11TH FLOOR AREA(RESI.)		= 1154.19 SQM.
PROPOSED 12TH FLOOR AREA(RESI.)		= 1073.47 SQM.
PROPOSED TOTAL B/U AREA	----------	14,056.95 SQM.

TOWER–II (B+G+XII)

PROPOSED 1ST FLOOR AREA (RESI.+AMENITIES+SHOWROOM)		= 1540.19 SQM.
PROPOSED 2ND FLOOR AREA(RESI.+SHOWROOM)		= 1170.82 SQM.
PROPOSED 3RD & 4TH FLOOR AREA (RESI.+OFFICE)	(1170.82 X 2)	= 2341.64 SQM.
PROPOSED 5TH FLOOR AREA(RESI.)		= 1166.76 SQM.
PROPOSED 6TH TO 10TH FLOOR AREA(RESI.)	(1170.18 X5)	= 5850.90 SQM.
PROPOSED 11TH FLOOR AREA(RESI.)		= 1151.97 SQM.
PROPOSED 12TH FLOOR AREA(RESI.)		= 1065.95 SQM.
PROPOSED TOTAL B/U AREA	----------	14,068.55 SQM.

TOWER–III (B+G+XII)

PROPOSED 1ST TO 12TH FLOOR AREA(RESI.)	(692.55 X 12)	= 8308.20 SQM.
PROPOSED TOTAL B/U AREA	----------	8,308.20 SQM.

BASEMENT FL. AND GROUND FL. AREA TOWER I, II, III		= 11,355.42 SQM.
TOWER–I	(B+G+XII) ----------	= 14,056.95 SQM.
TOWER–II	(B+G+XII) ----------	= 14,068.55 SQM.
TOWER–III	(B+G+XII) ----------	= 8,308.20 SQM.
PROPOSED TOTAL B/U AREA	----------	= 47,768.92 SQM.

PROPOSED PARKING AREA AT BASEMENT FLOOR	= 6511.65 SQM.
PROPOSED PARKING AREA AT GROUND FLOOR (Tower I, Tower II, Tower III)	= 3269.75 SQM.
PROPOSED TOTAL PARKING AREA (For Tower I, Tower II, Tower III) ----------	= 9581.58 SQM.

PROPOSED TOTAL B/U AREA =

TOTAL B/U AREA – TOTAL PARKING AREA = 38,187.54 SQM.

F.A.R ACHIEVED = 38,187.54 / 10,635.83 = 3.59

PERMISSIBLE F.A.R – 3.5
PURCHASES F.A.R – 0.9

BUILDING HEIGHT – 41 Mtr.
FRONT SETBACK – 12 Mtr.
REAR SETBACK – 08 Mtr.
SIDE SETBACK – 08 Mtr.

PROPOSED GROUND COVERAGE (50%)
(4164.33+646.23+518.74)SQM. = 5329.30 SQM.

EWS AREA CALCULATION

TOTAL B/U AREA ---------- = 38,187.54 SQM.
REQUIRED EWS AREA 15% OF TOTAL B/U AREA = 5,728.13 SQM.

TOWER–IV FOR EWS ----------(G+X)

PROPOSED GROUND FLOOR AREA		= 518.74 SQM.
PROPOSED 1ST TO 10TH FLOOR AREA	(543.76 SQM. X 10)	= 5437.60 SQM.
PROPOSED TOTAL FLOOR AREA		= 5956.34 SQM.
PARKING AREA REQUIRED FOR EWS ----------		= 227.91 SQM.

PROPOSED EWS B/U AREA = TOTAL FLOOR AREA – EWS PARKING AREA
= 5956.34 – 227.91 = 5728.43 SQM (PROVIDED)

PARKING CALCULATION FOR TOWER I, II, & III

TOTAL B/U AREA = 38,187.54 SQM.
15% DEDUCT FOR SERVICE AREA = 38,187.54 – 5728.15 = 32,459.41 SQM.
REQUIRED PARKING AREA 30% OF B/U AREA = 9,737.82 SQM.

PROVIDED COVERED PARKING AREA = 9,581.58 SQM.
PROVIDED OPEN PARKING AREA = 175.00 SQM.
TOTAL PARKING AREA = 9,756.58 SQM. (PROVIDED)

GREEN AREA CALCULATION

PODIUM AR EA = 1189.25 SQM.
TOTAL LAND AREA (262.77 Decimal) ---------- 10,635.83 SQM
GREEN AREA REQUIRED @ 15% OF TOTAL PLOT AREA = 1595.37 SQM.
PROVIDED GREEN AREA (GROUND FLOOR) = 1579.87 SQM. (PROVIDED)

WATER TANK CALCULATION

TOTAL NUMBER OF FLAT (TOWER I, II, III & IV) – 386 FLATS
TOWER I TOTAL FLAT – 95 FLATS
TOWER II TOTAL FLAT – 95 FLATS
TOWER III TOTAL FLAT – 96 FLATS
TOWER IV TOTAL FLAT (FOR EWS) – 100 FLATS

COMMERCIAL AREA (SHOWROOM) = 3110.69 SQM.
(NO. OF SHOWROOM – 43)
AMENITIES AREA = 768.52 SQM.

COMMERCIAL & AMENITIES AREA = 3879.21 SQM.
ASSUME 6 PERSON FOR 100 SQM CARPET AREA, i.e. 3879.21/100 X 6 = 233 PERSON
135 LITER REQUIRED FOR ONE PERSON
TOTAL REQUIEMENT OF WATER FOR 233 PERSON = 233 X 135 = 31,455 LITER OR 31.455 CUM.
(FOR COMMERCIAL & AMENITIES)

TOTAL NUMBER OF FLAT (TOWER I, II, III & IV) – 386 FLATS
EACH FLAT HAVING 5 PERSON
SO TOTAL NO. OF PERSON = 386 X5 = 1930 PERSON
135 LITER REQUIRED FOR ONE PERSON
TOTAL REQUIREMENT OF WATER EACH DAY = 1930 X 135 = 2,60,550 LITER OR, 260.55 CUM. (FOR RESI. FLATS)
EXTRA TAKE FOR FIRE FIGHTING – 1,50,000 LITER OR, 150 CUM (FOR FIRE FIGHTING)

TOTAL WATER REQUIREMENT – 31.455 + 260.55 + 150 = 442.00 CUM.

PROVIDED WATER TANK – FOR DOMESTIC – 1,40,150 LITER + 1,75,000 LITER = 3,15,150 LITER
FOR FIRE FIGHTING – 41,500 LITER + 1,00,000 LITER = 1,41,500 LITER

WATER HARVESTING CALCULATION

TERRACE FLOOR AREA = 8458.71 SQM.
RAIN WATER HARVESTING SUMP REQUIRED 6 CUM. FOR EVERY 100 SQM. TERRACE AREA
REQUIRED CAPACITY OF SUMP = 8458.71 X 6 / 100 = 207.52 CUM.
PROVIDED TANK SIZE – 2.75 X 21.185 X 4 = 233.03 CUM.

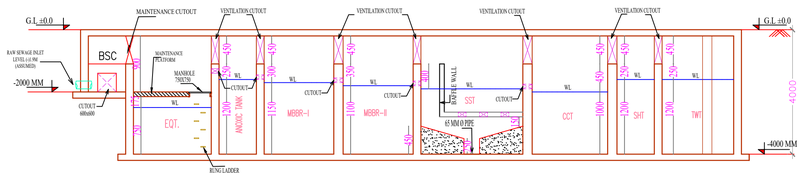
SEPTIC TANK CALCULATION

SO TOTAL NO. OF PERSON = 386 X5 = 1930 PERSON
TOTAL NUMBER OF PERSON – 1930 PERSON (RESIDENTIAL) + 233 PERSON (COMMERCIAL) = 2163 PERSON

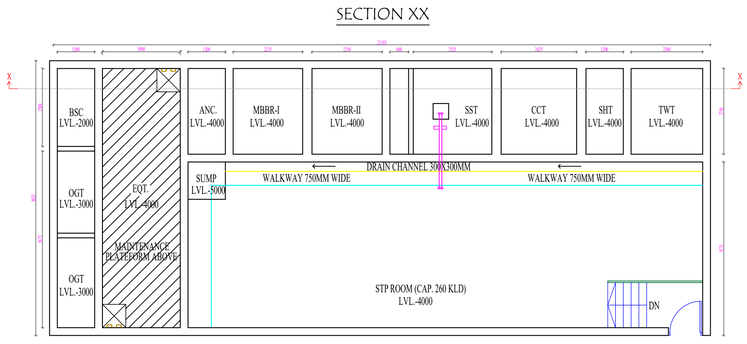
PER PERSON NEED 0.085 CUM. CAPACITY OF SEPTIC TANK PER DAY SO TOTAL REQ. CAPACITY OF SEPTIC TANK = 2163X0.085 = 183.85 CUM.& (REQUIRED)
PROVIDED SEPTIC TANK 4 NOS = 256 CUM. (PROVIDED)

FIRE LEGEND :-

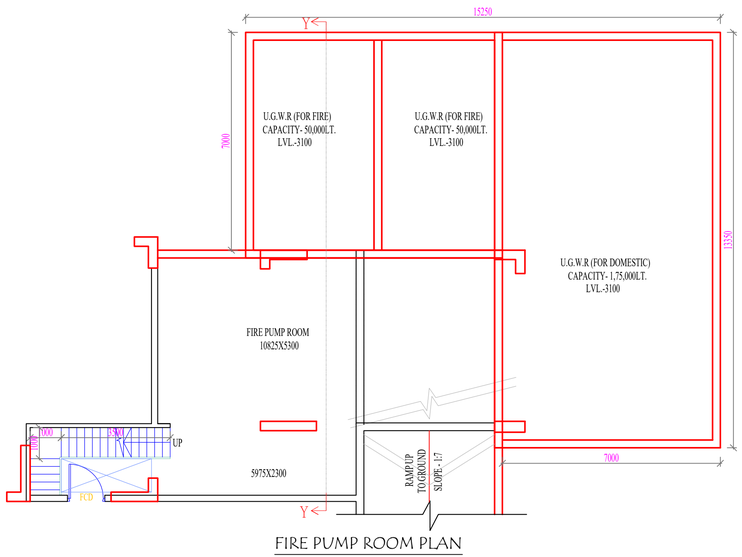
01. HYDRANT OUT LET VALVE WET
02. HOSE REEL
03. SEMAC CONNECTED FOR FIRE BRIGADECONNECTED TO WET RISER
04. ELECTRICALLY INSULATED METAL STRIP
05. UNDER GROUND TANK OF 1,00,000 Ltrs 1,00,000 Ltrs
06. O.H.W.TANK FOR FIRE FIGHTING 41,500 Ltrs.
08. FIRE ALARM CALL POINT
09. AUDIABLE ALARM CALL POINT
10. LOUDSPEAKER OUTLET
11. CO2 FIRE EXTINGUISHER
12. FIRE RESISTANT DOOR
13. AUTOMATIC SMOKE DETECTOR
14. AUTOMATIC SPRINKLER
15. EMERGENCY LIGHT POINT



SECTION XX



STP PLAN



FIRE PUMP ROOM PLAN

LOCATION PLAN
SCALE-1:4000

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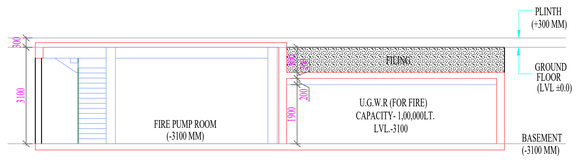

SECTION YY

SECTION 2-2

PLAN

TYPICAL DETAIL OF PILE FOUNDATION (Ø600)