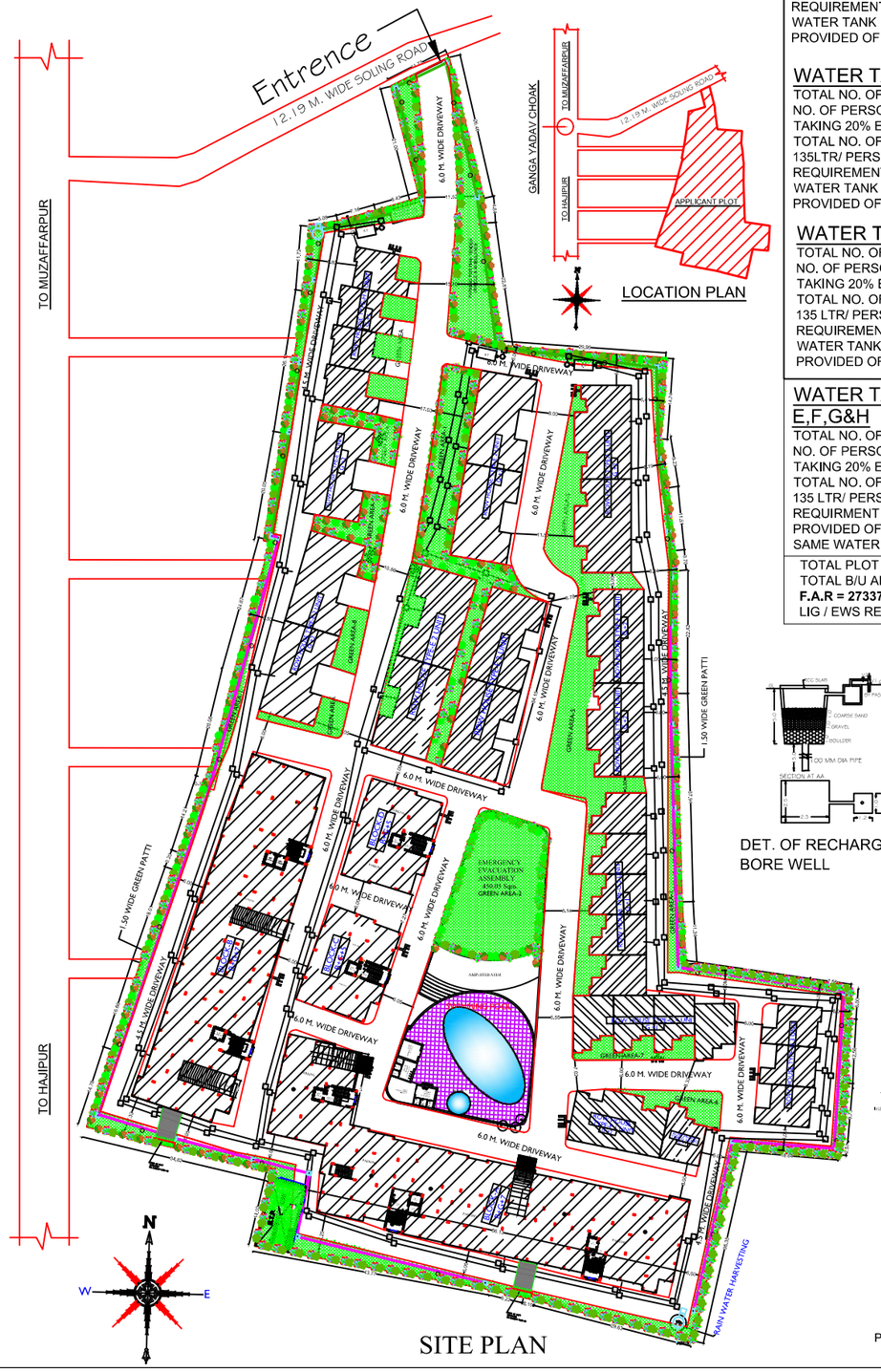
SETBACK DETAILS

FOR BUILDING HEIGHT-ABOVE 21.00M.
FRONT SETBACK-9.00M.
REAR SETBACK-6.00 M.
SIDE SETBACK-6.00 M.



WATER TANK CALCULATION(BLOCK)-A

TOTAL NO. OF FLAT = 84 NOS.
NO. OF PERSON @5 PERRSON/FLAT =5 X 84 = 420 PERSONS
TAKING 20% EXTRA = (420 X 20)/ 100 = 84 PERSONS
TOTAL NO. OF PERSONS = 420 + 84 = 504 WATER NEEDED @
135LTR/ PERSON =135X504 = 68040 LTRS
REQUIREMENT OF WATER TANK FOR FIRE FIGHTING-10000 LITERS
WATER TANK FOR DOMESTIC PURPOSE-68040 LITERS
PROVIDED OF OVER HEAD WATER TANK- 78100 LITERS

WATER TANK CALCULATION(BLOCK)-B

TOTAL NO. OF FLAT = 72 NOS.
NO. OF PERSON @5 PERRSON/FLAT =5 X 72 = 360 PERSONS
TAKING 20% EXTRA = (360 X 20)/ 100 = 72 PERSONS
TOTAL NO. OF PERSONS = 360 + 72 = 432 WATER NEEDED @
135LTR/ PERSON =135X432 = 58230 LTRS
REQUIREMENT OF WATER TANK FOR FIRE FIGHTING-10000 LITERS
WATER TANK FOR DOMESTIC PURPOSE-58230 LITERS
PROVIDED OF OVER HEAD WATER TANK- 68100 LITERS

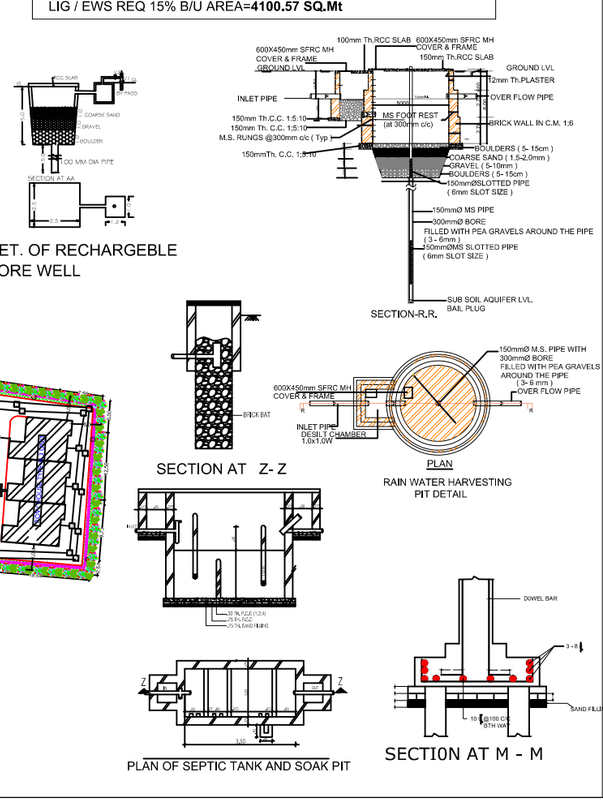
WATER TANK CALCULATION(BLOCK)-C&D

TOTAL NO. OF FLAT = 15 NOS.
NO. OF PERSON @5 PERRSON/FLAT =5 X 15 = 75 PERSONS
TAKING 20% EXTRA = (75 X 20)/ 100 =15 PERSONS
TOTAL NO. OF PERSONS = 50 + 15 = 65 WATER NEEDED @
135 LTR/ PERSON =135X65 = 8775 LTRS
REQUIREMENT OF WATER TANK FOR FIRE FIGHTING-10000 LITERS
WATER TANK FOR DOMESTIC PURPOSE-9000 LITERS
PROVIDED OF OVER HEAD WATER TANK- 19000 LITERS

WATER TANK CALCULATION **ROW HOUSE E,F,G&H**

TOTAL NO. OF FLAT = 1 NOS.
NO. OF PERSON @5 PERRSON/FLAT =5 X 1 = 5 PERSONS
TAKING 20% EXTRA = (5 X 20)/ 100 =1 PERSON
TOTAL NO. OF PERSONS = 5 + 1 = 6 WATER NEEDED @
135 LTR/ PERSON =135X6 = 810 LTRS
REQUIRMENT OF WATER TANK 810 LTR
PROVIDED OF OVER HEAD WATER TANK- 1000 LITERS
SAME WATER TANK OF BLOCK - E,F,G &H

TOTAL PLOT AREA=**15965.05 SQ.Mt**
TOTAL B/U AREA=**27337.15 SQ.Mt**
F.A.R = 27337.15 / 15965.05= 1.71
LIG / EWS REQ 15% B/U AREA=**4100.57 SQ.Mt**



SEPTIC TANK CALCULATION (BLOCK)-A+B+C+D+(ROW HOUSE TYPE E+F+G+H)

TOTAL NO. OF FLAT = 216 NOS.@ 5 PERSONS/FLAT
=216X5=1080 PERSONS
REQUIRED@0.0.085 CUM / PERSON =1080 X 0.085=86.4 CUM.
PROVIDED SEPTIC TANK OF SIZE
5.00X3.00X2.0= 30.00 CUM.
5.00X3.00X2.0= 30.00 CUM.
5.00X3.00X2.0= 30.00 CUM.
TOTAL =90 CUM.

PARKING AREA CALCULATION

TOTAL(BLOCK-A+B+C+D+(ROW HOUSE TYPE E+F+G+H)
BUILTUP AREA = 27337.15 SQ.Mt
TOTAL REQUIRED PARKING AREA @ 25% OF 27337.15 SQ.Mt = 6834.28 SQ.Mt
TOTAL PARKING AREA PROVIDED :-
(1) BLOCK A = 1289.10 SQ.Mt (IN LOWER BASEMENT FLOOR)
BLOCK A = 1289.10 SQ.MT (IN UPPER BASEMENT FLOOR)
BLOCK A = 1215.23 SQ.Mt (IN GROUND FLOOR)
(2) BLOCK B = 1025.82 SQ.Mt, (IN LOWER BASEMENT FLOOR)
BLOCK B = 1025.82 SQ.MT, (IN UPPER BASEMENT FLOOR)
BLOCK B = 784.93 SQ.Mt, (IN GROUND FLOOR)
(3) BLOCK C = 228.18 SQ.Mt, (IN GROUND FLOOR)
(4) BLOCK D = 228.18 SQ.Mt, (IN GROUND FLOOR)
TOTAL = 6834.28 SQM
=7086.36 SQM.PROVIDED

WATER HARVESTING CALCULATION

TERRACE AREA = 6222.25 SQ.Mt
REQUIRED W.H CAPACITY 6 CUM FOR 100 SQ.Mt TERRACE AREA
TOTAL TERRACE = 6222.25 SQ.Mt
REQUIRED WATER HARVESTING 6222.25 X 6 /100 = 373.33 CUM
PROVIDES WATER HARVESTING SIZE
2.5X2.5X5.00=31.25 CUM.X23 NOS=718.75 CUM.
TOTAL PROVIDED=718.75 CUM.

PLANTATION AREA CALCULATION

TOTAL PLOT AREA = **15965.05** SQM.
TOTAL REQUIRED PLANTATION AREA @ 15% OF **15965.05** SQM. = 2394.76 SQM.
TOTAL GREEN AREA PROVIDED----2395.09 SQM.

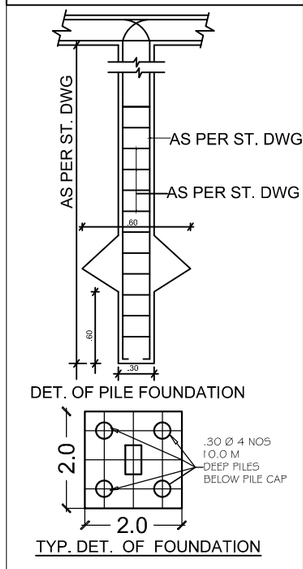
AREA CALCULATION INCLUDING SERVICE & BALCONY
TOTAL PLOT AREA AS PER DEED ------- 15965.05 SQ.Mt
TOTAL PLOT AREA AS PER SITE ------- 15965.05 SQ.Mt
BLOCK-A
LOWER BASEMENT FLOOR BUILTUP AREA --- 1330.04 SQ.MT
UPPER BASEMENT FLOOR BUILTUP AREA --- 1310.20 SQ.MT
GROUND FLOOR BUILTUP AREA ------ 1310.20 SQ.MT
1ST FLOOR BUILTUP AREA ----------1278.76 SQ.MT
2ND FLOOR BUILTUP AREA ----------1278.76 SQ.MT
3RD FLOOR BUILTUP AREA ----------1278.76 SQ.MT
4TH FLOOR BUILTUP AREA ----------1278.76 SQ.MT
5TH FLOOR BUILTUP AREA ----------1278.76 SQ.MT
6TH FLOOR BUILTUP AREA ----------1278.76 SQ.MT
7TH FLOOR BUILTUP AREA ----------1278.76 SQ.MT
50% BAL. AREA ---------- 190.96 SQ.MT
TOTAL FLOOR BUILTUP AREA ----------13092.72 SQ.MT
BLOCK-B
LOWER BASEMENT FLOOR BUILTUP AREA ---1057.10 SQ.MT
UPPER BASEMENT FLOOR BUILTUP AREA ---1041.63 SQ.MT
GROUND FLOOR BUILTUP AREA ---------- 1041.63 SQ.MT
1ST FLOOR BUILTUP AREA ---------- 953.31 SQ.MT
2ND FLOOR BUILTUP AREA ---------- 1001.56 SQ.MT
3RD FLOOR BUILTUP AREA ---------- 1001.56 SQ.MT
4TH FLOOR BUILTUP AREA ---------- 1001.56SQ.MT
5TH FLOOR BUILTUP AREA ---------- 1001.56 SQ.MT
6TH FLOOR BUILTUP AREA---------- 1001.56 SQ.MT
7TH FLOOR BUILTUP AREA---------- 1001.56 SQ.MT
50% BAL. AREA ---------- 138.41 SQ.MT
TOTAL FLOOR BUILT UP AREA ----------10241.44 SQ.MT
BLOCK-C
GROUND FLOOR BUILTUP AREA ------ 24.09 SQ.Mt
1ST FLOOR BUILTUP AREA ---------- 263.65 SQ.Mt
2ND FLOOR BUILTUP AREA ---------- 263.65 SQ.Mt
3RD FLOOR BUILTUP AREA ---------- 263.65 SQ.Mt
4TH FLOOR BUILTUP AREA ---------- 263.65 SQ.Mt
5TH FLOOR BUILTUP AREA ---------- 263.65 SQ.Mt
TERRACE FLOOR BUILTUP AREA ------32.37 SQ.Mt
TOTAL BUILTUP AREA---------- 1374.71 SQ.Mt
BLOCK-D
GROUND FLOOR BUILTUP AREA ------ 24.09 SQ.Mt
1ST FLOOR BUILTUP AREA ---------- 263.65 SQ.Mt
2ND FLOOR BUILTUP AREA ---------- 263.65 SQ.Mt
3RD FLOOR BUILTUP AREA ---------- 263.65 SQ.Mt
4TH FLOOR BUILTUP AREA ---------- 263.65 SQ.Mt
5TH FLOOR BUILTUP AREA ---------- 263.65 SQ.Mt
TERRACE FLOOR BUILTUP AREA ------32.37 SQ.Mt
TOTAL BUILTUP AREA---------- 1374.71 SQ.Mt
ROW HOUSE TYPE-E
GROUND FLOOR BUILTUP AREA ------ 159.11 SQ.Mt
1ST FLOOR BUILTUP AREA ---------- 151.66 SQ.Mt
2ND FLOOR BUILTUP AREA ---------- 86.58 SQ.Mt
TERRACE FLOOR BUILTUP AREA ------25.74 SQ.Mt
TOTAL FLOOR BUILTUP AREA---------- 423.09 SQ.Mt
423.09 SQ.Mt X 9= 3807.81 SQ.Mt.
ROW HOUSE TYPE-F
GROUND FLOOR BUILTUP AREA ------ 160.21 SQ.Mt
1ST FLOOR BUILTUP AREA ---------- 159.46 SQ.Mt
2ND FLOOR BUILTUP AREA ---------- 85.24 SQ.Mt
TERRACE FLOOR BUILTUP AREA ------23.99 SQ.Mt
TOTAL BUILTUP AREA---------- 428.90 SQ.Mt
428.90 SQ.Mt X 5 = 2144.50 SQ.Mt.
ROW HOUSE TYPE-G
GROUND FLOOR BUILTUP AREA ------ 69.68 SQ.Mt
1ST FLOOR BUILTUP AREA ---------- 63.36 SQ.Mt
TERRACE FLOOR BUILTUP ---------- 10.56 SQ.Mt
TOTAL BUILTUP AREA---------- 143.60 SQ.Mt
143.60 SQ.Mt X 10 = 1436.0 SQ.Mt.
ROW HOUSE TYPE-H
GROUND FLOOR BUILTUP AREA ------ 79.40 SQ.Mt
1ST FLOOR BUILTUP AREA ---------- 72.02 SQ.Mt
TERRACE FLOOR BUILTUP AREA ------13.37 SQ.Mt
TOTAL BUILTUP AREA---------- 163.79 SQ.Mt
163.79 SQ.Mt X 7 = 1146.53 SQ.Mt.

AREA CALCULATION
TOTAL PLOT AREA AS PER DEED ------- 15965.05 SQ.Mt
TOTAL PLOT AREA AS PER SITE ------- 15965.05 SQ.Mt
BLOCK-A
LOWER BASEMENT FLOOR BUILTUP AREA --- 39.24 SQ.Mt
UPPER BASEMENT FLOOR BUILTUP AREA --- 39.24 SQ.MT
GROUND FLOOR BUILTUP AREA ------ 63.53 SQ.Mt
1ST FLOOR BUILTUP AREA ----------1278.76 SQ.Mt
2ND FLOOR BUILTUP AREA ----------1278.76 SQ.Mt
3RD FLOOR BUILTUP AREA ----------1278.76 SQ.Mt
4TH FLOOR BUILTUP AREA ----------1278.76 SQ.Mt
5TH FLOOR BUILTUP AREA ----------1278.76 SQ.Mt
6TH FLOOR BUILTUP AREA ----------1278.76 SQ.Mt
7TH FLOOR BUILTUP AREA ----------1278.76 SQ.Mt
50% BAL. AREA ---------- 190.96 SQ.Mt
TOTAL FLOOR BUILTUP AREA ----------9284.29 SQ.Mt
BLOCK-B
LOWER BASEMENT FLOOR BUILTUP AREA ---31.28 SQ.Mt
UPPER BASEMENT FLOOR BUILTUP AREA ---31.28 SQ.MT
GROUND FLOOR BUILTUP AREA ---------- 216.63 SQ.Mt
1ST FLOOR BUILTUP AREA ---------- 953.31 SQ.Mt
2ND FLOOR BUILTUP AREA ---------- 1001.56 SQ.Mt
3RD FLOOR BUILTUP AREA ---------- 1001.56 SQ.Mt
4TH FLOOR BUILTUP AREA ---------- 1001.56SQ.Mt
5TH FLOOR BUILTUP AREA ---------- 1001.56 SQ.Mt
6TH FLOOR BUILTUP AREA---------- 1001.56 SQ.Mt
7TH FLOOR BUILTUP AREA---------- 1001.56 SQ.Mt
50% BAL. AREA ---------- 138.41 SQ.Mt
TOTAL FLOOR BUILT UP AREA ----------7380.27 SQ.Mt
BLOCK-C
GROUND FLOOR BUILTUP AREA ------ 24.09 SQ.Mt
1ST FLOOR BUILTUP AREA ---------- 252.27 SQ.Mt
2ND FLOOR BUILTUP AREA ---------- 252.27 SQ.Mt
3RD FLOOR BUILTUP AREA ---------- 252.27 SQ.Mt
4TH FLOOR BUILTUP AREA ---------- 252.27 SQ.Mt
5TH FLOOR BUILTUP AREA ---------- 252.27 SQ.Mt
50% BAL. AREA ---------- 26.95 SQ.Mt
TOTAL BUILTUP AREA---------- 1312.39 SQ.Mt
BLOCK-D
GROUND FLOOR BUILTUP AREA ------ 24.09 SQ.Mt
1ST FLOOR BUILTUP AREA ---------- 252.27 SQ.Mt
2ND FLOOR BUILTUP AREA ---------- 252.27 SQ.Mt
3RD FLOOR BUILTUP AREA ---------- 252.27 SQ.Mt
4TH FLOOR BUILTUP AREA ---------- 252.27 SQ.Mt
5TH FLOOR BUILTUP AREA ---------- 252.27 SQ.Mt
50% BAL. AREA ---------- 26.95 SQ.Mt
TOTAL BUILTUP AREA---------- 1312.39 SQ.Mt
ROW HOUSE TYPE- E
GROUND FLOOR BUILTUP AREA ------ 159.11 SQ.Mt
1ST FLOOR BUILTUP AREA ---------- 151.66 SQ.Mt
2ND FLOOR BUILTUP AREA ---------- 86.58 SQ.Mt
50% BAL. AREA ---------- 3.58 SQ.Mt
TOTAL BUILTUP AREA---------- 400.93 SQ.Mt
400.93 SQ.Mt X 9= 3608.37 SQ.Mt.
ROW HOUSE TYPE- F
GROUND FLOOR BUILTUP AREA ------ 160.21 SQ.Mt
1ST FLOOR BUILTUP AREA ---------- 159.46 SQ.Mt
2ND FLOOR BUILTUP AREA ---------- 85.24 SQ.Mt
50% BAL. AREA ---------- 4.91 SQ.Mt
TOTAL BUILTUP AREA---------- 409.82 SQ.Mt
409.82 SQ.Mt X 5 = 2049.10 SQ.Mt.
ROW HOUSE TYPE-G
GROUND FLOOR BUILTUP AREA ------ 69.68 SQ.Mt
1ST FLOOR BUILTUP AREA ---------- 63.36 SQ.Mt
TOTAL BUILTUP AREA---------- 133.04 SQ.Mt
133.04 SQ.Mt X 10 = 1330.4 SQ.Mt.
ROW HOUSE TYPE-H
GROUND FLOOR BUILTUP AREA ------ 79.40 SQ.Mt
1ST FLOOR BUILTUP AREA ---------- 72.02 SQ.Mt
TOTAL BUILTUP AREA---------- 151.42 SQ.Mt
151.42 SQ.Mt X7 = 1059.94 SQ.Mt.

(BLOCK-A)+ (BLOCK-B)+ (BLOCK-C)+ (BLOCK-D)+(ROW HOUSE-E+F+G+H)
9284.29 SQ.Mt + 7380.27 SQ.Mt + 1312.39 SQ.Mt +
1312.39 SQ.Mt+3608.37 SQ.Mt.+2049.10 SQ.Mt. +
1330.4 SQ.Mt. +1059.94 SQ.Mt.

TOTAL BUILTUP AREA =27337.15 SQ.Mt

F.A.R = 27337.15 SQ.Mt / 15965.05 SQ.Mt =1.71
F.A.R = 1.71



LEGEND

SN.	SYMBOL	PARTICULARS
1		INSPECTION CHAMBERS WITH 150 Ø 600 x 450 NP- 2
2		150 Ø NP-2 PIPE
3	D1	DRAIN 300X400 AVG DEPTH
4	D2	DRAIN 500X700 AVG DEPTH
5	ST	SEPTIC TANK
6	SP	SOAK PIT
7		G.I MAIN LINE
8		G.IBRANCH LINE
9		FULWAY VALVE
10		UNION
11		WATER RECHARGE PITS
12		RAIN WATER HARVESTING STORAGE TANK

PROPOSED RESIDENTIAL BUILDING FOR STAR INDIA CONSTRUCTION PVT.LTD
MR. SANDEEP KUMAR SAHU S/O-LATE ANIL KUMAR SAHU ,MRS. DIVYA SAHU W/O-LATE MANISH SAHU & MR. ASHIM KUMAR SAHU S/O-LATE ANIL KUMAR SAHU AND OTHERS
PLOT DETAIL --
PLOT NO.-1268,1269,1270, 1321 1322 ,1271 & 1272
KHATA NO. -37,302,6,18,351,226,120 & 618
TAUZI-BIHAR GOVT. THANA NO - 332
MAUZA-DUMARI (DAMODARPUR SHAHJAHAN)
GOBARSAHI. ANCHAL-MUSHARI,HAIKA- MAJHAULI
KHETAL P.S - SADAR DISTRICT-MUZAFFARPUR

SITE PLAN

SCALE	NORTH
1:100 1:200	

SIG. OF OWNER	SIG. OF ENGINEER/ARCHITECT