

	B/U AREA
BASEMENT FLOOR	35 29 SQ. H
GROUND FLOOR	161 02 SQ. H
FIRST FLOOR	1074 67 SQ. H
SECOND FLOOR	1018 04 SQ. H
THIRD FLOOR	1016 04 SQ. H
FOURTH FLOOR	1016 24 SQ. H
FIFTH FLOOR	1216 04 SQ. H
SIXTH FLOOR	1016 24 SQ. H
SEVENTH FLOOR	1016 04 SQ. H
EIGHTH FLOOR	1013 04 SQ. H
NINTH FLOOR	238 08 SQ. H
TOTAL B/U AREA	8418 78 SQ. H

RESIDENTIAL
NO. OF RESIDENTIAL FLATS ON 1ST FLOOR =
TOTAL NO. OF RESIDENTIAL FLATS ON 1ST TO 9TH
= $(8 \times 7) + 7 = 63$
CONSIDERING EACH FLAT HAVING 3 PERSONS
TOTAL NO. OF PERSONS OCCUPYING FLATS =
= 220 PERSONS
TOTAL NO. OF PERSONS = MAY 340 PERSONS

ASSUMING OCCUPANCY 80 % FOR RESIDENTIAL
= 80 % OF 340 = 272
AREA REQUIRED FOR 1 PERSON TO STAND = 4.50 SQ FT OR 0.3 SQ M
AREA REQUIRED FOR 272 PERSONS TO STAND = 81.60 SQ M
PROVIDED EMERGENCY EVACUATION ASSEMBLY AREA = 111.44 SQ M
TOTAL PROVIDED = 111.44 SQ M

ACCORDING TO B+C WATER REQUIREMENT FOR DIFFERENT OCCUPANCIES
 TYPE OF OCCUPANCY WATER REQUIREMENT
 RESIDENTIAL 175 LTRS/HEAD/DAY
 TOTAL NO OF PERSONS OCCUPYING FLATS = 340 PERSONS
 TOTAL WATER REQ. (RESIDENTIAL) = 340 X 175
 = 42,900 LTRS.
 FOR FIRE FIGHTING
 REQUIRED OVERHEAD TERRACE TANK = 25,000 LTRS
 TOTAL REQUIREMENT = 42,900 + 25,000 = 67,900 LTRS
 PROVIDED WATER TANK 2 NOS
 WATER TANK 01 = 15000 X 2500 X 1100 (150 FS) = 41,250 LTRS
 WATER TANK 02 = 11325 X 2500 X 1100 (1132.5 FS) = 31,143 LTRS
 TOTAL WATER TANK CAPACITY PROVIDED = 72,393 LTRS

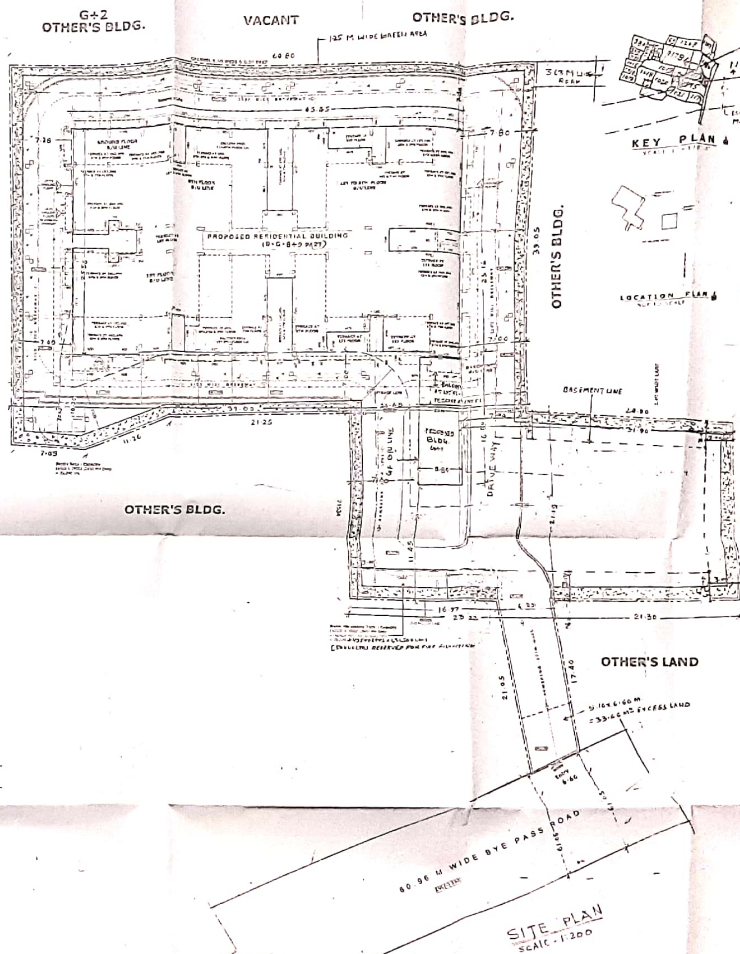
TERRACE FLOOR MAX AREA = 1075×5.00 SQM
RAIN WATER HARVESTING SUMP REQ 6 CU M FOR
EVERY 100 SQM TERRACE AREA
REQ. CAPACITY OF SUMP = $1075 \times 5 = 54$ SQM.
5000 LTR. STORAGED AND USED FOR PLANT
PROVIDED TANK SIZE: 12.00 M X 4.50 M X 1.00 M
5 TRENCH VOLUME (0.60 M X 1.00 M X 1.00 M) 43 SQ CM
TOTAL VOLUME OF SUMP PROVIDED = 72.00 CU M
TOTAL PROVIDED CAPACITY OF SUMP = 141,500 LTR

TOTAL NO OF PERSONS ON ALL THE FLOORS
= 340
1 PERSON NEED 0.085 CU.M CAPACITY OF SEPTIC TANK
TOTAL PERSONS NEED = $340 \times 0.085 = 28.90$ CU. M (REQ.)
PROVIDED SEPTIC TANK OF SIZE
= $6.0 \times 2.4 \times 2.2 = 30.28$ CU. M

REQUIRED GREEN AREA = 10% OF TOTAL PLOT AREA
 = $0.10 \times 3454.78 \text{ m}^2$
 = 345.48 SQ. M

PLANTED GREEN AREA ON GROUND = $200 \times 17.28125 = 3456.6 \text{ SQ. M}$

Symbol	Explanation
002 - Not No Response	
Alarm Bell	
Speaker	
Approximate Speech duration 1/2 min	
Close Caption Print	
Fire Alarm Bell	
Fire Evacuate Code	
Fire Alarm Call Point	
Fire Alarm Code	
Approx. Conversation for Fire Aligned	
Capacity 55,000 Units	
Fire Exit	
Approx. 100,000 Units	
Alarm Bell, 40,000 Units	
Emergency Light	

[illegible]