PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

NOTES :-
- ENGINEER IS FULLY RESPONSIBLE FOR LEAVING OPEN SPACE AND MARGIN.
- THE DEPTH AND POSITION OF EXISTING MUNICIPAL MAINHOLE IS VERYFIED B1 ME ON SITE AND PREMISES GAT GET DRAINAGE CONNECTION.
- IT IS CERTIFY THAT ACCORDING TO GDCR 2021 ALL REQUIREMENTS OF THE BUILDING ARE CHECKED AND NECESSARY ACTIONS ARE TAKEN .
- IT IS CERTIFY THAT ACCORDING TO THE CLAUSE NO. 4.5.3 OF THE GDCR 2021, THE STRUCTURE OF THE BUILDING ISDESIGN AS PER THE NORMS OF THE INDIAN STANDARDS.
- DESIGN OF STAIRCASE AND RAILING IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 23.1.12 AND 23.14 AND 24.6 OF GDCR 2021
- PEDESTRIANS RAMP IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 23.1.5 OF GDCR 2021
- LIFT IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 23.12 AND 24.7 OF GDCR 2021
- WATER TANK IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 23.6 OF GDCR 2021
- SEPARATE LETTER BIOX IS PROVIDED AT GROUND LEVEL FOR EACH UNIT.
- WATER TANK FOR FIRE SAFETY REQUIREMENT PROVIDED AS PER CHEPTER NO. 24 OF GDCR 2021.
- ELECTRICAL INFRASTRUCTURE SHALL BE PROVIDED AS PER CLAUSE NO. 23.11
- DRAINAGE FACILITY IS PROVIDED AS PER THE CLAUSE NO. 23.10
- SIGNAGES OF THE PARKING PLACE IS TO BE PROVIDED AS PER THE CLAUSE NO. 23.7 OF THE GDCR 2021.
- ENTRANCE OF THE BUILDING IS PROVIDED AS PER THE CLAUSE NO. 23.1.7 OF GDCR 2021.
- THE PAVING OF BUILDING UNIT/RNL PLOT AS PER THE PROVISION OF THE CLAUSE NO. 23.1.4 OF GDCR 2021.
- THE STRUCTUE OF THE BUILDING IS AS PER THE NORMS OF THE SPECIFIED IN THE INDIAN STANDARD AND TAKENACESSARY ACTION FOR THE STRUCTRAL SAFETY DURING THE CONSTRUCTION.
- RAIN WATER STORAGE TANK AND RAIN WATER HARVESTING SYSTEM IS PROVIDED AS PER THE CLAUSE NO. 27.2 OF GDCR 2021
- COMMUNITY BIN PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 27.3 OF GDCR 2021.
- TREE PALNTATION IS PROVIDED AS PER THE CLAUSE NO. 27.5 OF GDCR 2021.
- MAINTAINANCE AND UPGRADATION OF BUILDING IS AS PER CHAPETER NO. 29 OF GDCR 2021.
- EXTERNAL FACED AREA PROVIDED 50% AS PER GDCR 2021-2013.

TREE PLANTATION CAL. :
PLOT AREA = 3483.00 SQ.MT.
200.00 SQ. MT. = 3 NOS. TREE REQ.
3483.00 / 200.00 x 3 =52.26 NOS.
SAY 53 NOS.
PROVIDE 53 NOS. TREE.

CONTAINER BIN AREA CALC.
RESI : 1 UNIT 10 LIT. REQ. 1 CONTAINER
TOTAL UNIT 101 x 10 LIT. = 1010 LIT.
1010 / 80 = 12.63 SAY 13 NOS. CONT.
REQU. 13 NOS BIN OF 80 LIT CAP.
PROVI. 13 NOS BIN OF 80 LIT CAP.

COMMON PLOT
(3.82+7.08)/2 x 15.65 = 85.30 SQ.MT.
(29.15+23.48)/2 x 10.00= 263.15 SQ.MT.
TOTAL = 348.45 SQ.MT.

PERCOLATING WELL CALC:-
REQ. 1500 TO 4000 SMT= 1 NOS.
3483.00 / 4000.00 = 0.87 NOS.
SAY REQ. P.WELL = 1 NOS.
PROVI. P.WELL = 1 NOS.

TENAMENT & FLOOR AREA TABLE

FLOOR	USE		UNIT			TYPE (FL. AREA) IN. SQ.MTS.		
	BLOCK: A+B	BLOCK: C+D	BLOCK: A+B	BLOCK: C+D	TOTAL	BLOCK: A+B	BLOCK: C+D	TOTAL
GR.FL.(H.P.)	PARK.	PARK.	----	----	----	----	----	----
1st. FL.	RESI	RESI	8	7	15	702.58	677.19	1379.77
2nd. FL.	RESI	RESI	8	7	15	702.58	677.19	1379.77
3rd. FL.	RESI	RESI	8	7	15	702.58	677.19	1379.77
4th. FL.	RESI	RESI	8	7	15	702.58	677.19	1379.77
5th. FL.	RESI	RESI	8	7	15	702.58	677.19	1379.77
6th. FL.	RESI	RESI	8	7	15	702.58	677.19	1379.77
7th. FL.	RESI	RESI	6	5	11	558.23	532.63	1090.86
TOTAL	RESI	RESI	54	47	101	4773.71	4595.77	9369.48

BUILT UP AREA TABLE IN SQ.MTS.

	BLOCK: A+B	BLOCK: C+D	TOTAL
BUILT UP AREA ON GR. FL.	790.17	765.02	1555.19
BUILT UP AREA ON 1st. FLOOR	790.17	765.02	1555.19
BUILT UP AREA ON 2nd. FLOOR	790.17	765.02	1555.19
BUILT UP AREA ON 3rd. FLOOR	790.17	765.02	1555.19
BUILT UP AREA ON 4th. FLOOR	790.17	765.02	1555.19
BUILT UP AREA ON 5th. FLOOR	790.17	765.02	1555.19
BUILT UP AREA ON 6th. FLOOR	790.17	765.02	1555.19
BUILT UP AREA ON 7th. FLOOR	623.21	597.51	1220.72
BUILT UP AREA ON STAIR CABIN	94.11	91.99	186.10
BUILT UP AREA ON L.M.R. & O.H.W.T	66.63	66.63	133.26
TOTAL BUILT UP AREA	6315.14	6111.27	12426.41

F.S.I. AREA TABLE IN SQ.MTS.

	BLOCK: A+B	BLOCK: C+D	TOTAL
F.S.I. AREA ON GR. FL.	-----	-----	-----
F.S.I. AREA ON 1st FL.	702.58	677.19	1379.77
F.S.I. AREA ON 2nd FL.	702.58	677.19	1379.77
F.S.I. AREA ON 3rd FL.	702.58	677.19	1379.77
F.S.I. AREA ON 4th FL.	702.58	677.19	1379.77
F.S.I. AREA ON 5th FL.	702.58	677.19	1379.77
F.S.I. AREA ON 6th FL.	702.58	677.19	1379.77
F.S.I. AREA ON 7th FL.	558.23	532.63	1090.86
TOTAL F.S.I. AREA	4773.71	4595.77	9369.48

F.S.I. ON PAYMENT AREA TABLE IN SQ. MTS.

PERMI F.S.I @1:1.8 (3483.00 x 1.8)	----	----	6269.40
PERMI F.S.I ON CHARG. AREA @ 0.90%	----	----	3134.70
TOTAL PERMI+ CHARG. F.S.I. AREA	----	----	9404.10
PROP. CHARGEABLE F.S.I. AREA (9369.48 - 6269.40)	----	----	3100.08
	BLOCK: A+B	BLOCK: C+D	TOTAL
TOTAL CHARG. F.S.I. AREA	1890.26	1209.82	3100.08

1/7

LAYUOT PLAN SHOWING PROPOSED RESI. BLDG. ON F.P. NO. :- 70, O.P. NO :- 70, R.S. NO :- 255 OF PRELIMINARY. T.P.S. NO. :- 45 (CHANDLODIYA-GOTA), TA :- CITY, DIST :- AHMEDABAD.

SCALE : 1.00 CM = 2.00 MT

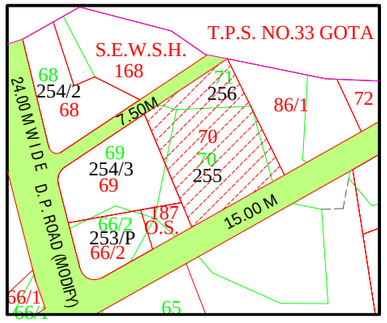
BLOCK-A+B

ZONE :-RESIDENCE - I (OVERLAY ZONE-TZ BRTS)

USE :- RESIDENCE

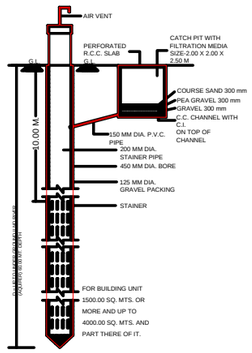
AREA TABLE	IN SQ.MTS.
PLOT AREA OF F.P.NO.: 70	3483.00
REQ. COMMON PLOT AREA @ 10%	348.30
PROVI. COMMON PLOT AREA	348.45
TOTAL BUILT UP ON GR.FL.	1555.19
OPEN AREA ON GROUND FLOOR	1927.81
PERMI. F.S.I. AREA (3483.00 x 1.8)	6269.40
PERMI. F.S.I. AREA (3483.00 x 0.90)	3134.70
TOTAL PERMI.+ CHARGEABLE F.S.I. AREA	9404.10
TOTAL USED F.S.I. AREA	9369.48
CHARGEABLE F.S.I. AREA (9369.48 - 6269.40)	3100.08

COLOUR NOTE
PLOT BOUNDRY
ROAD / PATHWAY
PROP. WORK
PROP.DRAINAGE
TREE
CONTAINER BIN
P.WELL

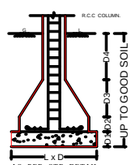


KEY PLAN
SCALE : 1.00 CM = 80.00 MT.

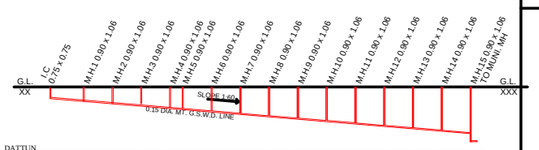
LAYOUT PLAN
SCALE :- 1.00 CM. = 2.00 MT.



PERCOLATION WELL
N.T.S.



AS PER STR DETAIL
R.C.C COLUMN SECTION



| | | |