

STRUCTURE DETAILS

NOTES (GENERAL):
 1. ALL DIMENSIONS ARE IN METERS UNLESS SPECIFIED OTHERWISE.
 2. ALL REINFORCEMENT SHALL BE AS PER IS:1786-1985.
 3. ALL WALLS SHALL BE 230MM THICK UNLESS SPECIFIED OTHERWISE.
 4. ALL FLOORS SHALL BE 150MM THICK UNLESS SPECIFIED OTHERWISE.
 5. ALL ROOFS SHALL BE 150MM THICK UNLESS SPECIFIED OTHERWISE.
 6. ALL FOUNDATIONS SHALL BE AS PER IS:456-1987.
 7. ALL FOUNDATIONS SHALL BE 150MM THICK UNLESS SPECIFIED OTHERWISE.
 8. ALL FOUNDATIONS SHALL BE 150MM THICK UNLESS SPECIFIED OTHERWISE.

PROJECT: Plot No-A-27, Sikandrabad, U.P.SIDA Housing Area, Sikandrabad, Bulandshahr

DATE: 10/05/2024

SCALE: AS SHOWN

DESIGNED BY: MR. VIJAY PAL SINGH

CHECKED BY: MR. VIJAY PAL SINGH

PROJECT LOCATION: Plot No-A-27, Sikandrabad, U.P.SIDA Housing Area, Sikandrabad, Bulandshahr

Sl. No.	Room No.	Longitudinal Reinforcement	Vertical Sps.	BEY BLOCK	Slab. Coat.
1	101	12.00 X 4.30	12.00 X 4.30	0.15 X 0.15	150
2	102	12.00 X 4.30	12.00 X 4.30	0.15 X 0.15	150
3	103	12.00 X 4.30	12.00 X 4.30	0.15 X 0.15	150
4	104	12.00 X 4.30	12.00 X 4.30	0.15 X 0.15	150
5	105	12.00 X 4.30	12.00 X 4.30	0.15 X 0.15	150
6	106	12.00 X 4.30	12.00 X 4.30	0.15 X 0.15	150
7	107	12.00 X 4.30	12.00 X 4.30	0.15 X 0.15	150
8	108	12.00 X 4.30	12.00 X 4.30	0.15 X 0.15	150
9	109	12.00 X 4.30	12.00 X 4.30	0.15 X 0.15	150
10	110	12.00 X 4.30	12.00 X 4.30	0.15 X 0.15	150

FOUNDATION DETAIL

CULVERT DETAIL

RAINWATER HARVESTING DETAIL

MUMTY ENVELOP PLAN

PROPOSED MUMTY PLAN

KEY PLAN

SITE / ENVELOP PLAN OF GROUND FLOOR

SITE / ENVELOP PLAN OF FIRST/SECOND FLOOR

SITE / ENVELOP PLAN OF THIRD FLOOR

SITE/SERVICE PLAN

PROPOSED GROUND/STILT FLOOR PLAN (SCALE:1:100)

PROPOSED FIRST FLOOR PLAN (SCALE:1:100)

PROPOSED SECOND FLOOR PLAN (SCALE:1:100)

PROPOSED THIRD FLOOR PLAN (SCALE:1:100)

PROPOSED TERRACE FLOOR PLAN (SCALE:1:100)

SANCTION MAP
Area, Sikandrabad, Bulandshahr

AREA STATEMENT

PERMISSIBLE FAR & G. COVER.
 PLOT SIZE = 12.000 X 24.000 = 288.00 Sq.M.
 GROUND COVER = 75% X 288.00 = 216.00 Sq.M.
 F.A.R. = 180% = 518.40 Sq.M.
 PERM. AREA OF G.F./STILT NON FAR 75% = 216.00 Sq.M.
 PERM. AREA OF F.F. 75% = 216.00 Sq.M.
 PERM. AREA OF S.F. 75% = 216.00 Sq.M.
 PERM. AREA OF T.F. 30% = 86.40 Sq.M.

OPEN AREA
 (A) 12.000 X 4.200 = 50.400 (FRONT OPEN)
 (B) 7.200 X 3.000 = 21.600 (REAR OPEN)
 (C) 1.067 X 0.600 = 0.640 (CUT OUT)
 TOTAL = 72.640 Sq.M

GROUND COVERAGE
 COVERAGE ON GROUND FLOOR
 288.00 - 72.640 = 215.36 Sq.M.
 < permissible ground coverage i.e., 216.00 Sq.M.

AREA FREE FROM F.A.R
 (STILT FLOOR, MUMTY AREA)
 STILT FLOOR:
 215.36 SQ.M (AS/AREA CHART)
 MUMTY AREA:
 2.875 X 4.151 = 11.934 Sq.M

FAR COVERAGE
COVD. F.A.R ON FIRST FLOOR
 211.40 SQ.M (AS/AREA CHART)
COVD. F.A.R ON SECOND FLOOR
 211.40 SQ.M (AS/AREA CHART)
COVD. F.A.R ON THIRD FLOOR
 93.40 SQ.M (AS/AREA CHART)
 TOTAL : F.F.+S.F.+T.F =
 211.40+211.40+93.40 = 516.20 SQ.M
 < 518.40 i.e., permissible F.A.R

TOTAL COVD. AREA FOR FEE F.A.R + NON F.A.R.
 F.A.R + MUMTY + STILT FLOOR
 = 516.20 + 11.934 + 215.36 =
 = 743.494 Sq.M.

PARKING DETAIL
 PERMISSIBLE ECS FOR PARKING
 = 518.40/150 = 3.45 ≈ 4 ECS
 OPEN PARKING AREA reqd. for 1ECS= 20 Sqm.
 COVD. PARKING AREA reqd. for 1ECS= 30 Sqm.
 PROPOSED ECS FOR COVER PARKING=30X4
 =120 SQM < 215.36 SQM (STILT AREA)

ELECTRICAL LOAD - 7 KW

DOOR & WINDOW SCHEDULE

D	S D/W
D1 1.20X2.4	S D/W 2.70X2.10
D2 0.90X2.1	W 1.20X1.75
D3 0.75X2.1	W1 0.90X1.75
W1 0.85X0.6	W2 2.00X1.75

SCALE 1:100

NOTE:- 1. ALL DIMENSIONS ARE IN M.

OWNER'S SIGNATURE

ARCHITECT'S SIGNATURE