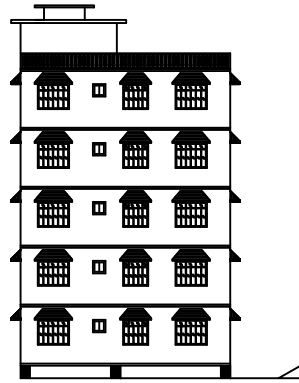
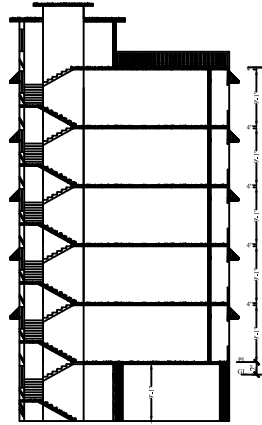


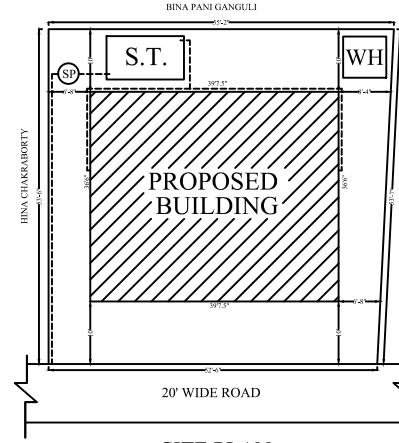
FRONT ELEVATION



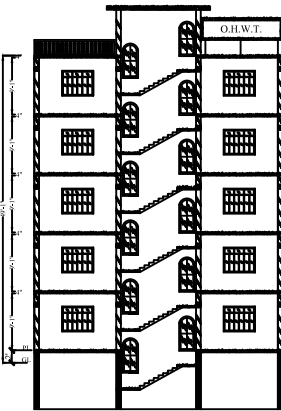
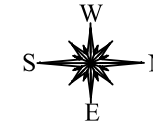
RIGHT SIDE ELEVATION



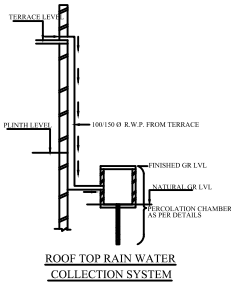
SECTION AT X-X



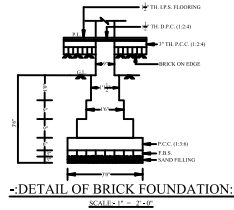
SITE PLAN



SECTION AT Y-Y



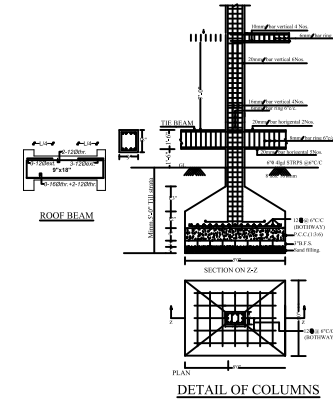
ROOF TOP RAIN WATER COLLECTION SYSTEM



DETAIL OF BRICK FOUNDATION

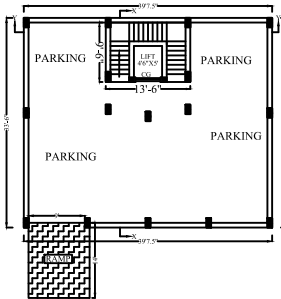


KEY PLAN

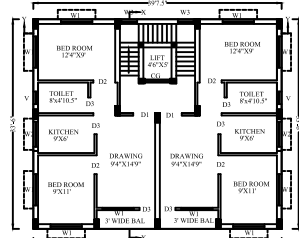


ROOF BEAM

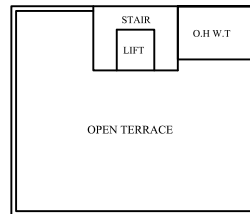
DETAIL OF COLUMNS



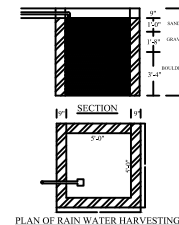
BASEMENT FLOOR PLAN



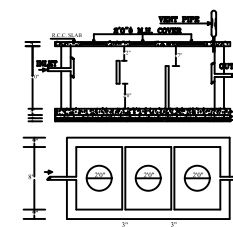
GROUND TO FOURTH FLOOR PLAN



TERRACE PLAN



PLAN OF RAIN WATER HARVESTING



PLAN OF SEPTIC TANK

PARKING AREA CALCULATION:-

CARPET AREA OF COMM. = 531.00 SFT = 49.33 SQM = 4.94 NOS. = 5 PARKING
 TOTAL 5 NOS. PARKING REQ. FOR COMMERCIAL.
 TOTAL NO. OF FLATS = 6 NOS.
 TOTAL PARKING REQ. = 6 NOS. + 5 NOS. = 11 NOS.
 * SPACE FOR ONE PARKING = 13.52 SQM
 PARKING SPACE REQUIRED = 11 X 13.52 = 148.72 SQM
 TOTAL PARKING SPACE PROVIDED = 171.03 SQM
 * 15% VISITOR PARKING SPACE REQUIRED = 22.11 SQM
 TOTAL PARKING SPACE REQUIRED = 171.03 SQM + 22.11 SQM = 193.14 SQM
 * PARKING SPACE PROVIDED = 293.34 SFT = 272.61 SQM
 2817.08 SFT = 261.71 SQM

OVER HEAD WATER TANK:-

TOTAL NO. OF FLATS = 6 NOS.
 TOTAL NO. OF PERSONS = 30 PERSONS (APPROX. 5 PERSONS PER FLAT)
 TOTAL NO. OF PERSONS = 30 NOS. + 45 NOS. COMM. (APPROX.)
 REQUIREMENT OF WATER FOR 1 PERSON = 15 L PER PERSON PER DAY
 TOTAL WATER REQUIREMENT = 75 X 15 = 1012.5 L PER DAY
 HENCE VOLUME OF WATER TANK REQUIRED = 1012.5 / 10 = 101.25 CUM
 WATER TANK PROVIDED = 20' X 100' X 5' = 1000 CUM (1000 CUM > 101.25 CUM) 28290 LTR.

SEPTIC TANK:-

TOTAL NO. OF FLAT = 6 NOS. (APPROX. 5 PERSONS FLAT 30 NOS.)
 TOTAL NO. OF PERSONS = 30 NOS. + 45 NOS. COMM. (APPROX.)
 TOTAL NO. OF PERSONS = 75 NOS. (APPROX.)
 VOLUME REQUIRED FOR 1 PERSON = 0.085 CUM
 VOLUME REQUIRED FOR 75 PERSON = 75 X 0.085 = 6.375 CUM
 TOTAL LIQUID CAPACITY = 100' X 80' X 5' = 640 CUM (640 CUM > 6.375 CUM)
 SEPTIC TANK PROVIDED = 18.00 CUM

BRIEF SPECIFICATION

STRUCTURE - Earthquake Resistant R.C.C. Frame Structure.
 FOUNDATIONS - R.C.C. (1:1.5:3) M-20 Grade Column Footing Foundation.
 PLINTH (THE BEAM) - 18" R.C.C. (1:1.5:3) M-20, All Round at Basement Floor & Plinth Level.
 SLAB BEAM & LINTEL - All R.C.C. Frame structure (1:1.5:3) M-20 Grade Concrete.
 FLOORING - Finish with Marble/Glazed Tiles over 19mm base / 25 mm thick First class I.P.S. Flooring (1:2:4).
 DOOR - All door frames are of sal wood & Panels of 30mm th. Water Resistant Flush Door.
 WINDOW - All Windows are of steel glazed / Aluminium frame work.
 PLASTERING - 12 mm th. cement plaster (1:6) on both face of wall & 6 mm th. C.M. (1:4) in ceiling.
 WALL FINISHING - (A) Interior wall finish with P.O.P & Primer (B) Exterior walls of building will be putty finish / weather coat / Showem.
 SANITARY / WATER SUPPLY - All work as per IS Specification & fittings of ISI Mark.
 ANTI-TERMITES - Treatment in Foundation wall.
 STEEL - Fe-500 Grade TMT Bar shall be used.
 CEMENT - 43 / 53 Grade cement of standard Brand.
 SAND/AGGREGATE - As per IS specification.
 NOTE - (A) - All above work should be done as per IS specification and Items used of ISI Mark only.
 (B) - All R.C.C. Structure / Foundation should be design after proper soil investigation.

SCHEDULE OF DOORS/WINDOWS.

TYPE	WIDTH	HT	SILL	DESCRIPTION
D	1050	2100	00	TIMBER FRAME, FLUSH DOOR
D1	975	2100	00	TIMBER FRAME, FLUSH DOOR
D2	900	2100	00	TIMBER FRAME, FLUSH DOOR
D3	750	2100	00	TIMBER FRAME, FLUSH DOOR
D4	1200	2100	00	TIMBER FRAME, FLUSH DOOR
W	1800	1200	900	ALUMINIUM FRAME & SHUTTER
W1	1200	1200	900	ALUMINIUM FRAME & SHUTTER
W2	1000	1200	900	ALUMINIUM FRAME & SHUTTER
W3	600	1200	900	ALUMINIUM FRAME & SHUTTER
V	600	600	500	ALUMINIUM FRAME & SHUTTER
C.G	1200	2100	00	

DETAILS OF AREA

TOTAL LAND AREA (AS PER DEED)	2880.00 S.F.
TOTAL LAND AREA (AS PER SITE)	2880.00 S.F.
BASEMENT FLOOR AREA	1328.83 S.F.
GROUND FLOOR AREA	1328.83 S.F.
FIRST FLOOR AREA	1328.83 S.F.
SECOND FLOOR AREA	1328.83 S.F.
THIRD FLOOR AREA	1328.83 S.F.
FORTH FLOOR AREA	1328.83 S.F.
TOTAL COVERED AREA	7972.98 S.F.
% PLINTH AREA	46.14%
FAR	2.31

TITLE OF DRAWING

PLAN OF COMMERCIAL CUM RESIDENTIAL BUILDING OF 1. SMT USHA DEVI, W/O SRI HOLI SHARAN PRASAD BARNWAL OF GOLGHAR BARTAN PATTI, JHARIA, 2. SMT USHA KEASARI, W/O NARISH KUMAR KEASARI, OF KATRAN, MORE, JHARIA, 3. SMT NEELU BARNWAL, W/O SRI MANISH KUMAR BARNWAL, OF NEAR DESHBANDHU CINEMA HALL, MAIN ROAD JHARIA, UNDER MOUZA-DHANBAD NO-51 KHATA NO-29 PLOT NO-260, DISTT-DHANBAD, (JHARKHAND).

SIGNATURE OF OWNER

SIGNATURE OF ENGINEER