

LEGEND FOR FIRE PROTECTION

1. 100 MM FIRE RESISTANCE, DRY GLAZED WITH COPPER
STEEL REINFORCED SUITABLE FIRE RESISTING GLASS
2. 20 KG HYDRANT WITH 20 KG PRESSURE AT EACH AND DULY CONNECTED
TO THE WET RISING SYSTEM
3. 20 KG CONNECTION TO THE WET RISING SYSTEM
4. AREA COVERED WITH AUTOMATIC SPRINKLER INSTALLATIONS AS PER
THE RELEVANT ISS/CODE OF PRACTICE / TAC RECOMMENDATION
5. AREA COVERED WITH AUTOMATIC HEAT / SMOKE DETECTORS AS PER
THE RELEVANT ISS / CODE OF PRACTICE / TAC RECOMMENDATION
6. INDICATOR PANEL FOR THE AUTOMATIC FIRE ALARM SYSTEM WITH
AUTOMATIC HEAT / SMOKE DETECTOR AS / THE RELEVANT ISS / CODE
OF PRACTICE / TAC RECOMMENDATION
7. LANDING VALVES DULY CONNECTED TO THE WET RISING SYSTEM AND
AS PER THE RELEVANT ISS / CODE OF PRACTICE / TAC RECOMMENDATION
8. HOSE REELS WITH 50 METERS HOSE LENGTH DULY CONNECTED TO
TAC RECOMMENDATION
9. INSULATED COPPER STRIP OF 35 MM X 25 MM THICKNESS
10. UNDER GROUND STATIC WATER TANK OF 1,50,000 LITRES WITH
AUTOMATIC REFILLING ARRANGEMENT
11. 30 PORTABLE EXTINGUISHER OF 35 KG CAPACITY
12. AUDIBLE DEVICE FOR THE AUTOMATIC / ELECTRICAL FIRE ALARM
13. CALL POINT SWITCHES FOR ELECTRICAL FIRE ALARM SYSTEM WITH
A REPAIRABLE ELECTRICAL CONNECTION
14. MICROPHONE POSITION FOR THE PUBLIC ADDRESS SYSTEM
15. LOUSPEAKERS INLET FOR THE PUBLIC ADDRESS SYSTEM

NOTE:- ALL DIMENSIONS ARE IN METER

GREEN AREA CALCULATION

TOTAL PLOT AREA = 798.37 Sqmt
10% OF PLOT AREA 798.37 sqmt = 79.83 sqm
PROVIDED = 132.30 cum

100 MM PIPE

SECTION OF DRAIN

PARKING CALCULATION

TOTAL BUILT UP AREA (COMMERCIAL) = 1643.78 SQMT
PARKING AREA REQUIRED 30% OF BUILT UP AREA =
493.13 SQMT
TOTAL PARKING AREA REQUIRED = 493.13 SQMT
GROUND FLOOR PARKING AREA = 125.81
BASEMENT FLOOR PARKING AREA = 461.62
TOTAL PROVIDE PARKING = 600.54 SQMT

SEPTIC TANK CALCULATION

TOTAL NO. OF PERSON = 97 NOS
ONE PERSON REQU. = 0.085 CUM/DAY
TOTAL REQU. AREA = 97 X 0.085 = 8.25 CUM/DAY
ADD 20% EXTRA = 8.25 + 1.65 = 9.9 CUM/DAY
TOTAL REQU. AREA = 9.9 CUM
SEPTIC TANK SIZE = 4.00 X 2.50 X 1.50 = 15.00 CUM

WATER TANK CALCULATION

TOTAL BUILT UP AREA COMMERCIAL = 1643.78 SQMT
TOTAL CARPET AREA 1643.782 = 821.89 SQMT
1 PERSON/10 SQMT CARPET AREA = 82 PERSON

TOTAL NO OF PERSONS = 82
ONE PERSON REQU. WATER = 135 LTR / DAY
TOTAL REQU. WATER = 82 X 135 = 11070 LTR / DAY
ADD 20% EXTRA = 11070 + 2214 = 13284 LTR
TOTAL REQU. AREA OF WATER TANK = 15.71 CUM
WATER TANK SIZE = 5.55 X 5.15 X 1.50
= 17.48 MP

RAIN WATER HARVESTING CHAMBER

TOTAL TERRACE AREA = 362.05 Sqmt
REQUIRED VOLUME FOR RWH CHAMBER
Per 100 Sq mt = 6 cum Req
Say 362.05 Sqmt / 100 X 6 = 21.72 cum
PROVIDED CHAMBER : 5X2.5 X 2.5 = 31.25 cum

SPECIFICATION

1. FOUNDATION : AS PER DETAIL
2. R.C.C. FRAME STRUCTURE & 1st CLASS
BRICK WORK IN CEMENT MORTAR
3. FLOORING : .025 TK. I.P.S. FLOORING
OVER .075 TK. DRY RAMMED KHOA
OVER .075 TK. BRICK FLAT SOLLING
OVER LOCAL SAND FILING
4. 10 TK. R.C.C. SLAB WITH 12TK. LIME TERRACING
5. PLASTER : .015 TK. CEMENT PLASTER
1:6 BOTH SIDE OF WALL
6. TEAK WOOD FRAME & SALWOOD
SHUTTER ALL THE DOORS AND WINDOWS
7. INSIDE TWO COTS WHITE WASH AND OUT
SIDE COLOUR WASH
8. CONCEALED PVC CONDUIT WIRING
WITH STANDARD ELECTRICAL ACCESSORIES
ADEQUATE HIGH POWER, POINTS, ELECTRICAL FITTING LIKE
TUBE, BULBS, FAN, ETC
9. ROUND THE CLOCK WATER SUPPLY BY MEAN OF AND OWN
BORING / CONTINUOUS MUNICIPAL SUPPLY

SCHEDULE OF DOORS & WINDOWS

SL NO	TYPE	WIDTH	LENGTH	DESCRIPTION
1	D1	1.00	2.10	FULLY PANNLED
2	D2	0.90	2.10	FULLY PANNLED
3	D3	0.75	2.10	FULLY PANNLED
4	W	1.20	1.20	FULLY GLAZED
5	W1	0.90	1.00	FULLY GLAZED
6	W2	0.60	0.90	FULLY GLAZED
7	V	0.60	0.90	FULLY GLAZED

PLOT DETAIL:

PROPOSED COMMERCIAL BUILDING FOR

- (1) SMT KAUSHALYA DEVI
W/O VISHWANATH PRASAD GUPTA
- (2) SMT MONIKA GUPTA
W/O SRI MAHESH PRASAD GUPTA
- (3) SRI VISHWANATH PRASAD GUPTA
S/O LATE RAM SWARUP SAO

AT S.PLOT NO:-170(P), KHATA NO:- 29,
THANA NO:- 19, TAUZI NO:- 496,
MAUZA:- MITHAPUR, DIST:- PATNA.

TOTAL PLOT AREA AS PER DEED :- 1007.00sqm.

Tot. Plot Area as/Amin Measurement:- 808.10 sqm.

TOTAL PLOT AREA AS PER MAP :- 798.37 sqm.

BUILT-UP-AREA :-

BASEMENT :- 13.78 sqm.

GROUND FLOOR :- 174.18 sqm.

FIRST FLOOR :- 362.05 sqm.

SECOND FLOOR :- 362.05 sqm.

THIRD FLOOR :- 362.05 sqm.

FOURTH FLOOR :- 362.05 sqm.

TOTAL 1636.16 sqm.

F.A.R. = 2.05

Applicant Plot

KEY PLAN
SCALE - 1"=330'-0"

(0.15) PADESTAL
COLUMN OFFSET

PROTECTOR
ROOF SLAB
V2
V1
G
G
COARSE SAND
GRAVEL