

GENERAL NOTES

- ENGINEER IS FULLY RESPONSIBLE FOR LEAVING OPEN SPACE AND MARGIN.
- THE DEPTH AND POSITION OF EXISTING MANHOLE IS SHOWN BY ME ON SITE AND PREMISES CAN GATES DRAINAGE CONNECTION.
- IT IS CERTIFY THAT ACCORDING TO CDCOR 2017 ALL REQUIREMENTS OF THE BUILDING ARE CHECKED AND NECESSARY ACTIONS ARE TAKEN.
- IT IS CERTIFY THAT ACCORDING TO THE CLAUSE NO. 3.3.3 OF THE CDCOR 2017, THE STRUCTURE OF THE BUILDING IS DESIGN AS PER THE NOMES OF THE NEW STANDARDS.
- DESIGN OF STAIRCASE AND RAILINGS IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 21.1.2 AND 21.1.4 AND 22.8 OF CDCOR 2017.
- PEDESTRIANS RAMP IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 21.1.5 OF CDCOR 2017.
- LIFT IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 21.12 AND 22.8 OF CDCOR 2017.
- WATER TANK IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 21.6 OF CDCOR 2017.
- SEPARATE LETTER BOX IS PROVIDED AT GROUND LEVEL FOR EACH UNIT.
- WATER TANK FOR FIRE SAFETY REQUIREMENT PROVIDED AS PER THE CHAPTER NO. 22.1 OF CDCOR 2017.
- ELECTRICAL INFRASTRUCTURE SHALL BE PROVIDED AS PER CLAUSE NO. 21.11 OF CDCOR 2017.
- DRAINING WATER FACILITY FOR DISABLED PERSONS IS PROVIDED AS PER THE CLAUSE NO. 21.6.2 OF CDCOR 2017.
- DRAINAGE FACILITY IS PROVIDED AS PER CLAUSE NO. 21.10 OF CDCOR 2017.
- SIGNAGES OF THE PARKING PLACE IS TO BE PROVIDED AS PER CLAUSE NO. 21.7 OF THE CDCOR 2017.
- ENTRANCE OF THE BUILDING IS PROVIDED AS PER THE CLAUSE NO. 21.1.7 OF CDCOR 2017.
- THE PARKING OF THE BUILDING UNIT/FINAL LOT AS PER THE PROVISION OF THE CLAUSE NO. 21.1.4 OF CDCOR 2017.
- THE STRUCTURE OF THE BUILDING IS DESIGNED AS PER THE NOMES SPECIFIED IN THE INDIAN STANDARD AND TAKE NECESSARY ACTION SHALL BE TAKEN FOR THE STRUCTURAL SAFETY DURING THE CONSTRUCTION.
- RAIN WATER STORAGE TANK AND RAIN WATER HARVESTING SYSTEM IS PROVIDED AS PER THE CLAUSE NO. 25.2 OF CDCOR 2017.
- COMMUNITY BIN PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 25.3 OF CDCOR 2017.
- GREY WATER RECYCLING SYSTEM & DUAL PLUMBING SYSTEM IS PROVIDED AS PER THE CLAUSE NO. 25.4 OF CDCOR 2017.
- TREE PLANTATION IS PROVIDED AS PER THE CLAUSE NO. 25.5 OF CDCOR 2017.
- SOLAR WATER HEATING SYSTEM IS PROVIDED AS PER THE CLAUSE NO. 25.6 OF CDCOR 2017.
- POLLUTION CONTROL SYSTEM IS PROVIDED AS PER THE CHAPTER NO. 26.3 OF CDCOR 2017.
- FIRE SAFETY SYSTEM IS PROVIDED AS PER THE CHAPTER NO. 22 OF CDCOR 2017.
- MAINTENANCE AND UPGRADATION OF BUILDING IS AS PER THE CHAPTER NO. 27 OF CDCOR 2017.
- MARGINAL SPACE & CELLAR SLAB SHALL HAVE LOAD BEARING CAPACITY OF 4000 TONNES PER SQUARE METER SHALL BE PROVIDED AS PER CHAPTER NO. 22.3 OF CDCOR 2017.
- ROOF TOP SOLAR ENERGY INSTALLATION & GENERATION SHALL BE PROVIDED AS PER CLAUSE NO. 25.8.1 OF CDCOR 2017.
- THE GLAZED SURFACE AREA OF THE EXTERNAL FACADE SHALL BE NON REFLECTIVE AND PROVIDED UP TO MAX. OF 50% OF THE TOTAL SURFACE AREA OF EACH FACADE WITH THE PROVISION OF SAFETY RAILING UP TO SILL LEVEL AS PER CDCOR NO. 21.18.

HYDRANT SYSTEM:
ONCE SWITCHES LOCATED NEAR THE HOSE REEL HOSE OR HYDRANT OUTLET AT EACH FLOOR FOR THE MAIN FIRE PUMP AT UNDERGROUND WATER TANK WITH A CAPACITY TO DISCHARGE 900 LITERS PER MINUTE AT 3 BAR PRESSURE ARE AS NEAR AS POSSIBLE TO BE INSTALLED.
THE RISER FOR THE BUILDING EXCEEDING 18 METERS HEIGHT SHOULD NOT BE OF LESS THAN 100 MM INTERNAL DIAMETER. THE RISER SHOULD BE CONNECTED TO THE BOTTOM OF THE TOWER TANK WITH A STOP VALVE AND A RISK TO A DOWN CONE. ONE RISER IS REQUIRED FOR EVERY 100 SQ. METERS FLOOR AREA AND IF THE BUILDING IS DIVIDED INTO TWO OR MORE PARTS THEN EACH PART SHOULD HAVE A SEPARATE RISER WITH THE FITTINGS AT EACH FLOOR LEVEL.
EACH FLOOR SHOULD HAVE ONE HYDRANT OUTLET WITH A COUPLING FOR ATTACHING A 65 MM DIA. HOSE 25 MM BORE HOSE REEL HOSE WITH A SHUT OFF NOZZLE AT EACH FLOOR LANDING. THE LENGTH OF THE HOSE SHOULD BE ENOUGH TO REACH THE FARTHEST CORNER OF THE FLOOR. HOSE BOX WITH 15 METERS LONG 65 MM DIA. HOSE AND 125 MM BORE NOZZLE AT ALTERNATE FLOORS. THE HOSE REEL HOSE SHOULD BE COUPLED TO THE RISER.
FIRE SERVICE VEHICLE CAN APPROACHMENT.
A PERMANENT HYDRANT POINT COMPRISING OF 85 MM DIA SIZE 2 NOS OF HYDRANT VALVES SHOULD BE INSTALLED AT THE TERRACE LEVEL.
OVERHEAD TANK REFLING BYPASS CONNECTION SHOULD BE DONE AT THE TERRACE LEVEL.
THE OVERHEAD TANK SHALL HAVE A CAPACITY OF NOT LESS THAN 20000 LITERS. THE UNDERGROUND TANK SHALL BE OF NOT LESS THAN 10000 LITERS.

THICK PLANTATION AREA CAL:
C.P. 89.65X20.65 = 1870.10 SQ.MT.

THICK PLANTATION AREA CAL:
T.P.-1 AS PER P-LINE = 553.94
T.P.-2 AS PER P-LINE = 88.25
T.P.-3 AS PER P-LINE = 56.55
T.P.-4 AS PER P-LINE = 271.99 = 970.73 SQ.MT.

PARCOLATING WELL REQD. = 15974.00/4000=3.99 SAY 4 NOS.
PARCOLATING WELL PROVIDED=4 NOS.
TREE PLANTATION REQD. = 15974.00/3200=239.61 SAY 240 NOS.
TREE PLANTATION PROVIDED=240 NOS.

COMMUNITY BIN CALCULATION FOR NON RESI. USE:
FLOOR AREA (TOTAL) = 20766.10 SQ. MTS.
100 SQ. MTS. FL. AREA / 20 LITS.
20766.10/5 = 4153.22 SAY 4200 LITS.
PROVI. 80 LITS. (80 X 72 = 5760 LT. COMM. BIN

STAIRCASE:
THE STAIRCASE HAS TO BE OPEN FROM AT LEAST ONE OF TWO SIDES BUT IF THE STAIRCASE IS IN THE CENTRE CORE OF THE BUILDING IT HAS TO BE PRESSURIZED TO PREVENT IT FROM GETTING SMOKE LOADED.
THE RISER/DOWN-COVER SHOULD BE LOCATED IN THE STAIRCASE OR CLOSE TO IT TO MAKE IT EASILY APPROACHABLE IN CASE OF FIRE FROM THE FLOOR BELOW OR ABOVE.

BASEMENT:
THE BASEMENT OF 200 SQ. METERS OR MORE SHOULD BE PROTECTED WITH AUTOMATIC SPRINKLER SYSTEM WITH AT LEAST ONE SPRINKLER HEAD FOR EACH CAR PARKING SPACE.
ADDITIONALLY BE PROTECTED BY A HYDRANT OUTLET AND TWO 25 MM BORE HOSE REEL HOSES WITH 15 METER HOSE NOZZLES AT EACH BASEMENT LEVEL.

LIGHTNING ARRESTER:
A LIGHTNING ARRESTER SHOULD ALSO BE INSTALLED AND BE PROPERLY EARTHED TO PREVENT DAMAGE TO THE BUILDING WHEN THE LIGHTNING STRIKES.
IF PHOTO LUMINESCENT (AUTO GLOW) SIGNAGES
IF THE BUILDING FALLS INTO COVERED AREA OF THIS HAS AN ENCLOSED STAIRCASE OR IS NOT WELL LIT UP ON THE INSIDE, THEN ADEQUATE PHOTO LUMINESCENT (AUTO GLOW) SIGNAGES SHOULD BE DISPLAYED AT EACH FLOOR LANDING PATHWAY/DOOR AND ALONG ALL EXIT ROUTES LEADING TO THE GROUND LEVEL. THE SIGNAGE SHOULD INDICATE FIRE FIGHTING, FIRE SAFETY, FIRST AID AND OTHER SAFETY EQUIPMENT PRESENT ON THE RESPECTIVE FLOOR/LANDING PATHWAY/DOOR AND ALONG ALL EXIT ROUTES LEADING TO THE GROUND LEVEL.

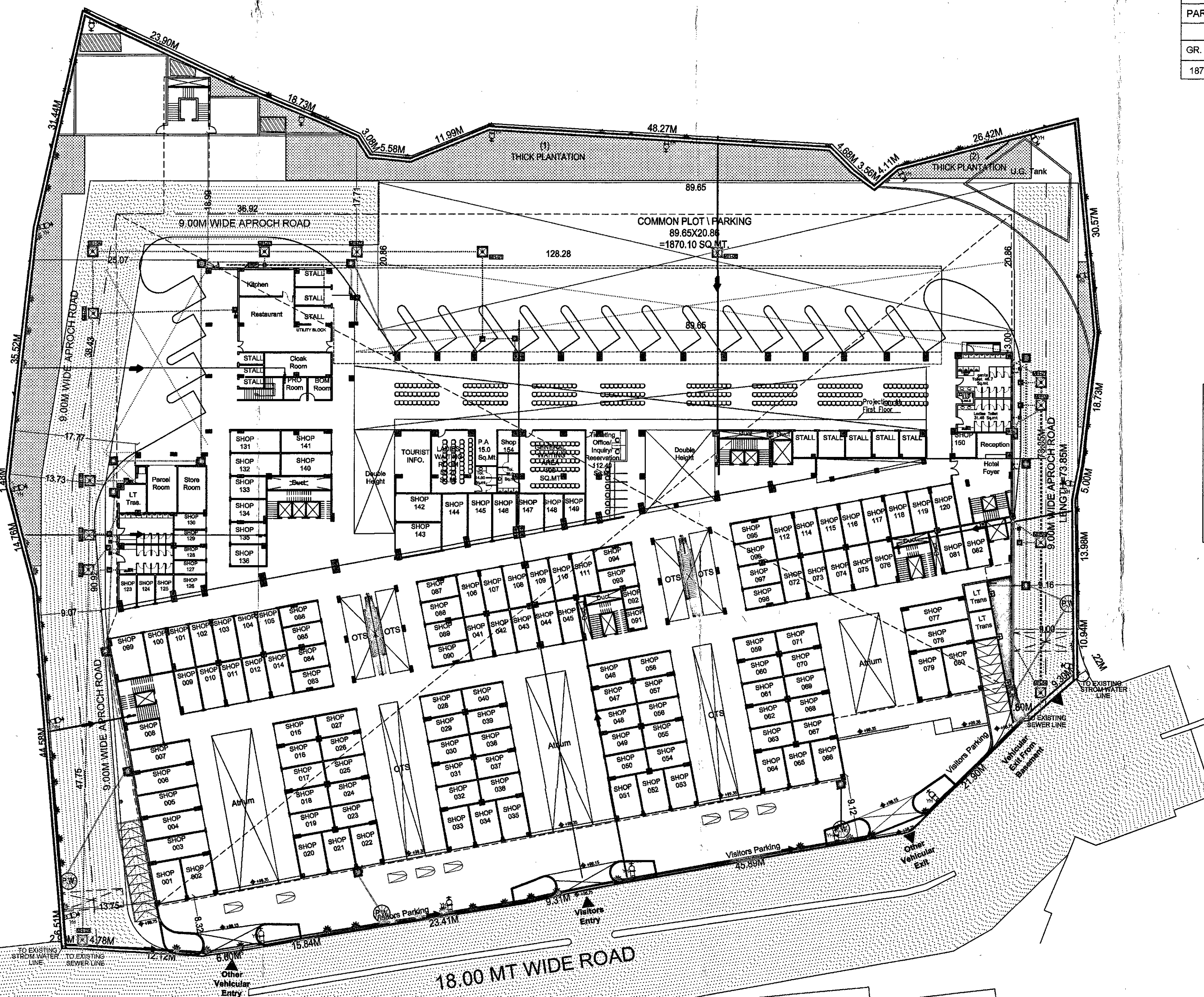
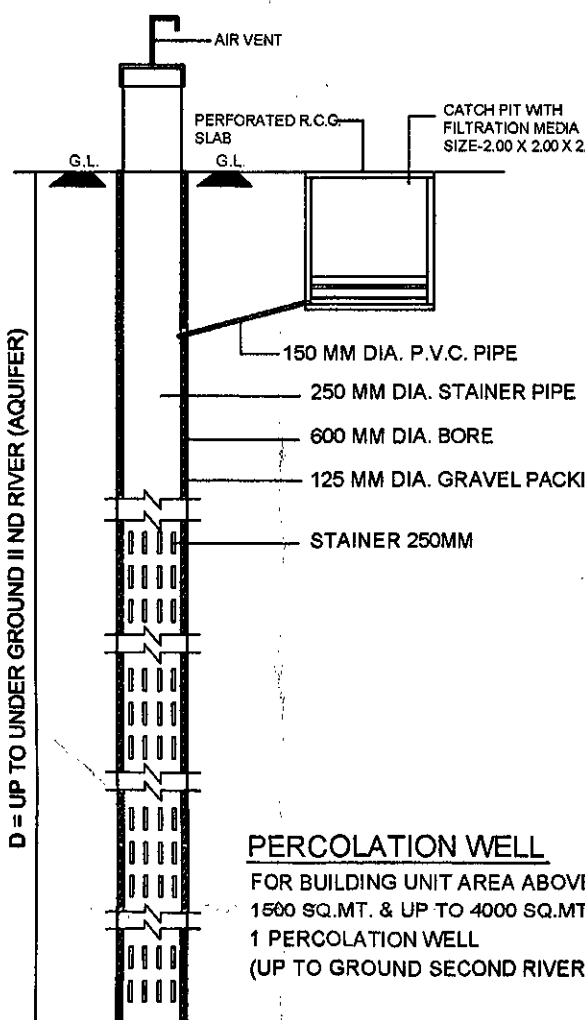
ELECTRIC POWER SUPPLY TO THE ENTIRE FIRE SAFETY SYSTEM
ELECTRICITY SUPPLY TO THE FIRE PUMP, PRESSURIZATION SYSTEM, STAIRCASE PRESSURIZATION SYSTEM AND FIRE LIFT SHOULD BE MADE AVAILABLE FROM THE MAIN ELECTRICAL SUPPLY (I.E. FROM ELECTRICAL POWER SUPPLY) OF THE COMPANY. THIS IS TO ENSURE AVAILABILITY OF POWER SUPPLY TO THE FIRE PROTECTION & SAFETY SYSTEM EVEN AFTER THE MAIN ELECTRICAL SUPPLY TO THE BUILDING IS SWITCHED OFF THE TIME OF FIRE.

IMPORTANT INSTRUCTIONS:
AFTER INSPECTION OF A LOW RISE BUILDING BY THE FIRE SERVICES AUTHORITY, IF THE FIRE OFFICER CONCERNED FEELS THE NEED FOR ADDITIONAL FIRE PREVENTION/PROTECTION/VENTILATION SYSTEM REQUIRED OR EQUIPMENT (I.E. PASSIVE SYSTEM SPRINKLER/SMOKER ETC.) AS PER FIRE LOAD/FIRE RISK/FIRE & SMOKE POTENTIAL/OCCUPANCY/COVERED AREA, THOSE ADDITIONAL MEASURES/EQUIPMENT HAVE TO BE IMPLEMENTED/INSTALLED.

LEGEND:
RISER HYDRANT SYSTEM PIPE MAIN
SINGLE HEADED HYDRANT VALVE
SLUICE VALVE
TWO WAY GAMES CONNECTION
RISER OR DROP
NON RETURN VALVE
REDUCER
FIRE HOUSE BOX
HOSE REEL HOSE
D.C.P. & C.O.2
HYDRANT VALVE

R.C.C. COLUMN FOOTING SECTION AS PER STRUCTURAL DESIGN

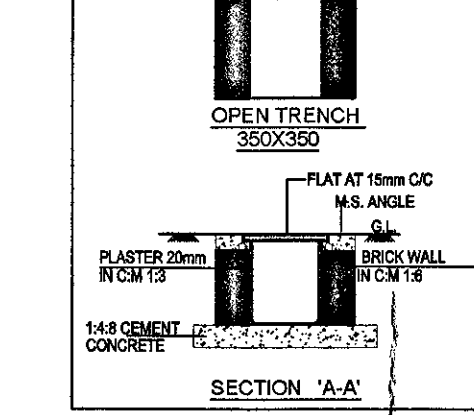
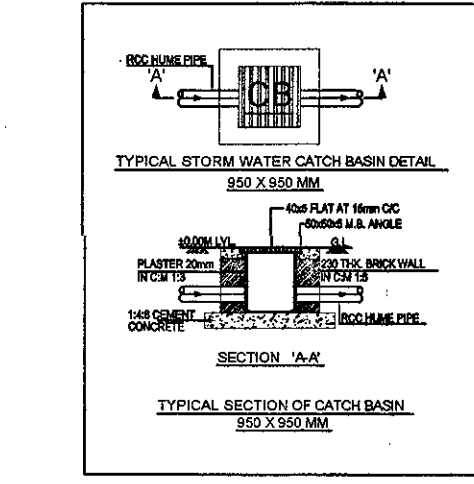
PERCOLATION WELL FOR BUILDING UNIT AREA ABOVE 1500 SQ.MT. & UP TO 4000 SQ.MT. 1 PERCOLATION WELL (UP TO GROUND SECOND RIVER)



SITE PLAN
SCALE: 1:0 CM = 4.0 MT.

SCHEDULE OF OPENING Ground Floor				
NO.	DESCRIPTION	SIZE IN	SILL LVL.	LINTEL LVL.
1.	RS1- Rolling Shutter	3300x2500	---	2500
2.	RS2- Rolling Shutter	2600x2500	---	2500
3.	RS3- Rolling Shutter	2650x2500	---	2500
4.	RS4- Rolling Shutter	2450x2500	---	2500
5.	RS5- Rolling Shutter	1900x2500	---	2500
6.	RS6- Rolling Shutter	2600x2500	---	2500
7.	RS7- Rolling Shutter	3100x2500	---	2500
8.	RS7- Rolling Shutter	3500x2500	---	2500
9.	D1- DOOR	1000x2100	---	2100
10.	D2- DOOR	1500x2100	---	2100

PARKING AREA TABLE IN SQ.MT.			
TOTAL FSI AREA USED	=	20766.10	
PARKING REQD. @ 50%	=	10383.05	
PARKING AREA TABLE			
PROVIDED			
GR. LEVEL	1ST BASE	2ND BASE	TOTAL
1870.10	10086.23	10055.63	20142.16



LAYOUT PLAN

1/12

PLAN SHOWING PROPOSED CONSTRUCTION OF S.T. BUS PORT WITH ALL TYPE OF MERCANTILE, RECREATION, HOSPITALITY, EDUCATION, HEALTH, ENTERTAINMENT, MULTIPLEX, ASSEMBLY SERVICE ESTABLISHMENT, PUBLIC INSTITUTION AND PUBLIC UTILITIES BUILDING ON SUR NO. 508, CITY SUR NO. 2395, MOJE: PATAN, TAL.: PATAN, DIST. PATAN.

SCALE: 1:400
ZONE: COMMERCIAL
USE OF CONSTRUCTION: S.T. BUS PORT & ALL TYPE OF MERCANTILE

AREA TABLE		SQ.MT.
FLAT AREA		15974.00
COMMON PLOT REQD. @ 10%		1597.40
COMMON PLOT PROVIDED		1870.10
THICK PLANTATION REQD. @ 8%		968.44
THICK PLANTATION PROVIDED		970.73
PROPOSED B.A. ON GR. FLOOR		7488.36
OPEN PLOT AREA		13277.84
PERMI. F.S.I. AREA @ 1.3		20766.20
PERMI. F.S.I. AREA CHARGABLE		0.0
TOTAL FSI AREA USED		20766.10
BALANCE FSI		0.10
CHARGABLE F.S.I. AREA USED		0.0
TOTAL GSRTC AREA		2576.71

FLOOR	B.A.	FSI AREA	FLOOR AREA	USE	EQUI. TENA.
2ND BASE	10811.99	-	-	PARKING	-
1ST BASE	10900.46	-	-	PARKING	-
GROUND	7488.36	3779.76	3779.76	SHOP-SERVICES FACILITIES	- NOS.
1ST FL.	6325.47	3806.86	3806.86	SHOP-SERVICES FACILITIES	- NOS.
2ND FL.	7408.91	3680.02	3680.02	SHOP	- NOS.
3RD FL.	7039.01	3733.15	3733.15	SHOP	- NOS.
4TH FL.	6648.65	3255.88	3255.88	HOTEL/AUDI.	- NOS.
5TH FL.	5542.13	2510.43	2510.43	AUDI.	- NOS.
6TH FL.	0.00	0.00	0.00	-	- NOS.
STAIR CABIN	497.80	-	-	-	-
L.M.F.O.H.W.T.	497.80	-	-	-	-
TOTAL	63160.18	20766.10	20766.10	-	- NOS.

COLOUR NOTE:-	
PLOT BOUNDARY	TREE
ROAD	CONTAINER BIN
RAMP	P.WELL
PROP. WORK	PARKING
PROP. DRAINAGE	PROP. RAIN WATER
PROP. WASTE WATER	PROP. OPEN TRENCH
PROP. INSPECTION CHAMBER	PROP. GULLY TRAPE
PROP. MAN HOLE	PROP. CATCH BASIN

C.O.W.
ARCHITECT
STRUCTURAL ENGINEER

KATIRA CUBE TRANSPLAZA (PATAN) PRIVATE LIMITED
AUTHORISED SIGNATORY
OWNER
DEVELOPER