LAY OUT PLAN AND GROUND FLOOR PLAN

SHEET NO. 1/6

PLAN SHOWING PROPOSED COMMERCIAL BUILDING ON F.P. NO.111

SUR.NO. 495/1 DRAFT T.P.S. NO. 30 (GOTA)(DRAFT SUBMITTED) MOJE: GOTA,

TALUKA: GHATLODIA, DIST. AHMEDABAD.

SCALE : 1CM =1.00 M.

ZONE: RESI - R1-(ONE)+ OVER LAY TOZ DUE TO BRTS USE: MERCANTILE - 1

AREA TABLE

	(SQ.MTS.)
PLOT AREA OF F.P.NO.	1024.00
PERMISSIBLE F.S.I. @ 1.80 (1024.00 X 1.80)	1843.20
CHARGEBLE F.S.I. @ 0.90 (1024.00 X 0.90)	921.60
PERMISIBLE HIGHER F.S.I. (TOZ) @ 1.30 (1024.00 X1.30)	1331.20
TOTAL PERMISIBLE (FREE+CHARGEBLE +HIGHER)	4096.00
TOTAL USED F.S.I.	3284.89
TOTAL CHAGEBLE F.S.I. AREA	921.60
T.O.Z F.S.I.	520.69
TOTAL CHAGEBLE F.S.I. AREA	~~14229~~

AREA TABLE

(SQ.MTS.)

FLOOR	USE	UNIT	FL. AREA	PROP. F.S.I. AREA	PROP. BUILT UP AREA
1ST BASEMENT	PARKING + STORE	---	23.44	23.44	473.48
2ND BASEMENT	PARKING	---	.....	.....	473.48
GROUND FL.	SHOP	3	410.75	410.75	464.36
FIRST FL.	SHOP	3	407.34	407.34	464.36
SECOND FL.	OFFICE	3	407.34	407.34	464.36
3RD FL.	OFFICE	3	407.34	407.34	464.36
4TH. FL.	OFFICE	6	407.17	407.17	464.36
5TH. FL.	OFFICE	6	407.17	407.17	464.36
6TH. FL.	OFFICE	6	407.17	407.17	464.36
7TH. FL.	OFFICE	6	407.17	407.17	464.36
STAIR CABIN/ LIFT WELL		---	.....	.....	68.02
MACHINE RM. & O.H.W.T.		---	.....	.....	43.13
ELECTRICAL SUB STATION					11.22
TOTAL		36	3284.89	3284.89	~~4759.21~~

SCHEDULE FOR OPENING

DOORS:-
R.S. - 2.92 X 3.05 R.S.3 - 4.50 X 3.05 D1 - 1.00 X 2.20
R.S.1 - 3.86 X 3.05 R.S.4 - 4.87 X 3.05 D2 - 0.75 X 2.20
R.S.2 - 3.47 X 3.05 D1A - 2.52 X 2.10

WINDOWS WITH SAFETY GRILL
W - 1.98 X 1.80
V - 0.60 X 0.60
V1 - 1.35 X 0.45

COLOUR NOTE:

F.P. BOUNDARY
PROP DRAINAGE
PROP WORK
TREE PLANTATION
PER. WELL
PARKING AREA
ROAD
COMMUNITY BIN
SPRINKLER

R.C.C. STAIR DETAIL

1.52 M. WIDTH CLEAR (WITH OUT RAILING)
0.30 M. TREAD 0.16 M. RISER

DEVELOPER

STR.ENGINEER

Aalps Associates
Lic. No. Dev 1220161223
Chetan Babubhai Patel
202, Sahjanand Arcade,
132, Ft. Ring Road,
Memnagar, Ahmedabad-52.

AALPS ASSOCIATES

UMANG J. PATEL
STRU. DESIGNER GRADE-I
LIC. NO: SD02050522R3
203, PARISHRAM ELEGANT,
SOLA, AHMEDABAD-60

JAYESH PATEL (B.E. Civil)
1st Floor, Indian Bank Building, Vijaynagar, Naranpura, Ahmedabad-13.
Clerk of Works Lic. No. 0057060821R3 Dt. 8/21

C.O.W.

PARTNER

ENGINEER

OWNER

JAYESH PATEL (B.E. Civil)
1st Floor, Indian Bank Building, Vijaynagar, Naranpura, Ahmedabad-13.
Engineer Lic. No. 0124060821R3 Dt. 8/21

RESPONSIBILTY (C.G.D.C.R.-2017 CL. NO. 3.3.3.4.8.3.6) :-
APPROVAL OF DRAWINGS AND ACCEPTANCE OF ANY STATEMENT DOCUMENTS, PLANS, DRAWINGS, PROPOSALS, REPORTS, ESTIMATES, CERTIFICATE OR BUILDING COMPLETION CERTIFICATES SHALL NOT DISCHARGE THE OWNER, ENGINEER, ARCHITECT, CLERK OF WORKS/SITE SUPERVISOR, STRUCTURAL DESIGNER, DEVELOPER, OWNER FROM THEIR RESPONSIBILITIES, IMPOSED UNDER THE ACT, THE DEVELOPMENT CONTROL REGULATIONS AND THE LAWS OF TORT AND LOCAL ACTS.
IT IS HEREBY FURTHER DECLARED THAT NOTWITHSTANDING ANY DEVELOPMENT PERMISSION GRANTED UNDER THE ACT AND THESE REGULATIONS, ANY PERSON UNDERTAKING ANY DEVELOPMENT WORK SHALL CONTINUE TO BE WHOLLY AND SOLELY LIABLE FOR ANY VIOLATION OF LAWS OR BYE-LAWS OR CAUSE NUISANCE OR HARM TO ANY ONE IN OR AROUND THE AREA DURING SUCH CONSTRUCTION AND NO LIABILITY WHATSOEVER IN THIS REGARD SHALL BE CAST ON THE AUTHORITY

Ahmedabad Municipal Corporation
Zone: NORTH WEST
Case No. : BLNTINWZ291218/GGDCR/A1165/R0/M1
Plan Approved as per terms and condition mentioned in the Commencement Certificate
Raja Chitthi Number : 01636/291218/A1165/R0/M1
Date : 31/01/2019
T.D. Sub Inspector (B.P.S.P.)
T.D. Inspector (B.P.S.P.)
Asst. T.D.O. (B.P.S.P.)

(1) THIS DEVELOPMENT PERMISSION IS GRANTED WITH CONDITION THAT APPLICANT AND ENGG./ARCH.WILL OBEY AS PER ALL BONDS AND AFFIDAVITS PRODUCED BY APPLICANT AND ENGG./ARCH.
(2) THIS APPROVAL IS GIVEN ACCORDING TO MUNICIPAL COMMISSIONER OFFICE ORDER DATED 02/03/05 AND OFFICE ORDER NO-42,DT.-13/06/06.
(3) THIS DEVELOPMENT PERMISSION IS GRANTED UNDER C.G.D.C.R.-2017 AS PER LETTER NO: GH/V/269 OF 2017/EDB-102016-3629-L, DATED:- 12/10/2017 AND LETTER NO: GH/V/31 OR 31/03/2018 AND LETTER NO: EDB-102016-3629-L, DATED:- 31/03/2018 AND LETTER NO: GH/V/45 OF 2018/EDB-102016-3629-L, DATED:-23/04/2018 AND LETTER NO: GH/V/152/EDB-102016-3629-L, DATED:-5/11/2018 AND LETTER NO: GH/V/307/EDB-102016-3629-L, DATED:-20/12/2017 OF URBAN DEVELOPMENT AND URBAN HOUSING DEPARTMENT, GOVT. OF GUJARAT.
(4) RAIN WATER STORAGE TANK SHALL BE PROVIDE AS PER CGDCR-2017 CLAUSE NO. 25.2.3
(5) OWNER-APPLICANT-DEVELOPER SHALL HAVE TO PROVIDE BARRICADE OF STEEL-SHEETS/TIN-SHEETS OF SUFFICIENT HEIGHT (NOT LESS THAN 3.00MT.) DURING CONSTRUCTION/DEMOLITION ACTIVITY, AT ALL EDGES OF PLOT FOR SAFETY PURPOSE.
(6) THIS CASE HAS BEEN SCRUTINIZED AND APPROVED BY BUILDING PLAN SCRUTINY POOL ON DT:-2/4/2019
(7) APPLICANT/OWNER/ ARCHITECT/ENGINEER/STRUCTURE ENGINEER/CLERK OF WORKS (SITE SUPERVISOR) ARE SOLE RESPONSIBLE FOR ANY CASUALTY OR DAMAGE TO THE SURROUNDING PROPERTY DURING THE EXCAVATION/CONSTRUCTION OF THE CELLAR, AND INSTEAD OF ENTIRE EXCAVATION IN ONE STRETCH, CONSTRUCTION OF THE CELLAR WILL HAVE TO DO BY PHASE WISE EXCAVATION PROVIDING PROTECTIVE SUPPORT(SHORING / STRUTTING), AND FOR THE SAFETY OF THE ADJOINING PROPERTIES DURING EXCAVATION/CONSTRUCTION. THE NECESSARY ARRANGEMENTS WILL HAVE TO BE MADE BY THE STRUCTURAL ENGINEER/ENGINEER/CLERK OF WORK (SITE SUPERVISOR) FOR CONTINUOUS SUPERVISION AND IF REQUIRED URGENT ADDITIONAL ARRANGEMENT WILL HAVE TO BE MADE FOR THE SAFETY. AND AS PER THE NOTARIZED UNDERTAKING/AFFIDAVIT GIVEN ON DT. 22/3/2019 BY THE OWNER / APPLICANT / DEVELOPERS / ARCHITECT / ENGINEER / STRUCTURAL ENGINEER /CLERK OF WORKS, THE COMMENCEMENT CERTIFICATE (RAJACHITTHI) WILL BE SUSPENDED/REVOKED WITH IMMEDIATE EFFECT. IF THE CONSTRUCTION / EXCAVATION / DEMOLITION WORK IS BEING DONE WITHOUT PROPER PRECAUTIONS TO ENSURE SAFETY.
(8) THIS DEVELOPMENT PERMISSION IS GIVEN ONLY FOR USE IN RESIDENTIAL ZONE-I AND TOZ (OVERLAY DUE TO BRTS) (AS SHOWN IN PLAN) FOR COM. BUILDING IS GRANTED AS PER THE ORDER/APPROVAL GIVEN BY DY. M.C.(U.D.) ON DT.-2/4/2019 IN RESPECT OF BUILDING HEIGHT LIMIT UP TO 25.00 MT.ALL TERMS AND CONDITION MENTION IN ORDER WILL BE APPLICABLE AND BINDING TO OWNER/APPLICANT.
(9) THIS PERMISSION IS GIVEN ON THE BASIS OF OPINION FOR BETTERMENT CHARGES GIVEN BY CHIEF CITY PLANNER LETTER NO. – CPD/AMC/OP-284 ON DT.:-29/9/2018 AND ON DT.10/9/2018
(10) THIS PERMISSION IS GIVEN ON THE BASIS OF KABJA KARAR OPINION GIVEN BY A.E.O.(N.W.Z.), DT.1/11/2018
(11) THIS PERMISSION IS SUBJECT TO OTHER TERMS/CONDITIONS SPECIFIED IN BOND GIVEN BY APPLICANT FOR DEVELOPMENT IN SUBJECT T.P.SCHEME AREA DT.-22/3/2019
(12) THIS PERMISSION IS GRANTED AS PER THE N.O.C. OF AIRPORT AUTHORITY OF INDIA ON DTD.14/12/2018, NOC ID NO. AHME/WEST/B/120818/354057 AND ALL TERMS AND CONDITION MENTION IN ORDER WILL BE APPLICABLE AND BINDING TO OWNER/APPLICANT.
(13) THIS PERMISSION IS GRANTED SUBJECT TO RELAVEUT TERMS AND CONDITIONS MENTIONED IN OPINION GIVEN BY FIRE DEPARTMENT ON DT.14/12/2018 (NO.390) AND FIRE NOC ,FIRE PROTECTION CONSULTANT AND FIRE MEN WILL BE SUBMITTED BY OWNER/APPLICANT BEFORE APPLYING FOR B.U. PERMISSION AND NOTE DOWN UNDER TAKING GIVEN BY OWNER/APPLICANT ON DT. 22/3/2019 AND ALL TERMS AND CONDITION MENTION IN ORDER WILL BE APPLICABLE AND BINDING TO OWNER/APPLICANT.
(14) THIS PERMISSION IS GRANTED ON THE BASIS OF OPINION FOR LOCAL AREA PLAN AND IT IS GIVEN BY SENIOR TOWN PLANNER(AUDA) ON DT.-10/1/2019 LETTER REF NO.00461 AND AS PER NOTARAISED UNDERTAKING GIVEN BY OWNER/APPLICANT ON DT.:-10/4/2019 FOR THE SAME.
(15) THIS DEVELOPMENT PERMISSION FOR ELECTRIC SUB STATION (AS SHOWN IN PLAN) IS GRANTED AS PER RECOMMENDATION GIVEN BY TORRENT POWER LTD. FOR LOCATION AND DESIGN.
(16) AS PER THE PROVISION OF REAL ESTATE (REGULATION AND DEVELOPMENT) ACT-2016, NO DEVELOPERS(PROMOTERS) WILL MAKE ADVERTIZEMENT FOR SALE, MARKETING, BOOKING OR OFFER FOR REAL ESTATE PROJECT LIKE PLOT, APARTMENT OR BUILDING OR PART OF THEIR, UNTIL THE REGISTRATION IS DONE IN THE REAL ESTATE REGULATORY AUTHORITY(RERA) OFFICE.
(17) APPOINTMENT OF SUPERVISOR OF WORKS ON RECORD (SOR) BY OWNER/APPLICANT.
(18) IN EVERY WATER CLOSETS OR TOILET,IT SHALL BE MANDATORY TO PROVIDE DOUBLE BUTTON CISTERN (DUAL FLUSH TANK).
(19) APPLICANT SHALL HAVE TO MAKE PROVISION FOR ROOF TOP SOLAR ENERGY INSTALLATION AND GENERATION AS PER CL.25.6.1 OF CGDCR-2017.
(20) THIS PERMISSION IS GIVEN AS PER N.A. PERMISSION ON DT.:-7/2/2017, LETTER NO.:- NA/U-1/KALAM-65-A/GOTA/CASE NO. 419/2016 BY DISTRICT COLLECTOR(AHMEDABAD) ,IT IS SUBMITTED BY OWNER-APPLICANTS.
(21) THIS DEVELOPMENT PERMISSION IS GIVEN ON THE CONDITION THAT OWNER/APPLICANTS HAVE TO PROVIDE TEMPORARY RESIDENTIAL ACCOMODATION FOR SKILLED/UNSKILLED CONSTRUCTION LABOURS IN THEIR PREMISES WITH PROPER SANITATION FACILITY. PUBLIC SPACE/ROAD WILL NOT BE ENCHROACHED FOR THE SAME IN ANY CASE AS PER OWNER/APPLICANTS SUBMIT THE NOTERISED UNDERTAKING FOR THE SAME ON DT.22/3/2019
(22) PERMANENT PROVISION ON THE SITE FOR WASHING AND CLEANING OF TYRE/WHEEL OF THE VEHICLES/UNDER/REQUIPMENTS COMING AND GOING ON THE PUBLIC ROAD. OTHERWISE LEGAL ACTIONS WILL BE TAKEN AND OWNER AND DEVELOPER WILL BE SOLELY RESPONSIBLE FOR ANY DAMAGE OR SPOIL OF PUBLIC ROAD.
(23) THE DEVELOPMENT PERMISSION IS GIVEN ON THE BASIS OF NOTERISED UNDERTAKING BY OWNER/ APPLICANT AND DEVELOPERS FOR THE RIGHTS TO DEVELOP AND CONSTRUCTION ON THE SAID LAND BY DEVELOPERS AND IT WILL BE BINDING AND APPLICABLE TO BOTH PARTIES.
(24) THIS DEVELOPMENT PERMISSION HAS BEEN GRANTED AS PROVIDED IN NOTIFICATION NO: EDB/172018/3784/L: DTD.26/04/2018, DTD.25/09/2018, NOTIFICATION NO: PRCH/102018/7198/L, DTD.15/10/2018, & OTHERS OF URBAN DEVELOPMENT AND URBAN HOUSING DEPARTMENT,GOVERNMENT OF GUJARAT AND DIRECTIONS ISSUED BY COMPETENT AUTHORITY FROM TIME TO TIME,UNDER PROVISION OF COMPREHENSIVE GENERAL DEVELOPMENT CONTROL REGULATIONS-2017.
(25) THE FEE/CHARGES OF ADDITIONAL F.S.I. FEE AND TOZ(OVER LAY DUE TO BRTS) FEE SHALL BE PAID BY OWNER/APPLICANT AS PER 25 CHARGES AT THE TIME OF COMMENCEMENT CERTIFICATE AND OTHER 75 CHARGES IN 4 INSTALLMENT IN 1 YEAR AS PER CIRCULAR NO:- 37/2013-14,DATE:- 27/12/2013 AND OWNER/ APPLICANT HAS TO OBEY THE TERMS AND CONDITION AS PER AFFIDAVIT GIVEN BY FOR THE SAME DT:- 12/4/2019
(26) ( ).* - - .
(27)- RAIN WATER HARVESTING / / .9/4/2019 .

- બાંધકામની સ્ટ્રકચરલ ડીઝાઈન, સ્ટેબીલીટી, સલામતી ગુણવત્તાવિ. અંગેની જવાબદારી એ.મ્યુ.કો. ની તથા તેના અધિકારીઓની/કર્મચારીઓની રહેશે નહી. આ અંગે અરજદાર/માલીક તથાએનજીનીયરે રજુ કરેલ પુરમાણ પત્રરો/ બાંહેધરી પત્રરો તથા રીપોર્ટને અધીન સઘળી જવાબદારી તેઓની રહશે.
- કેસમાં રજુ કરવાના થતા સોઈલરીપોર્ટ,સ્ટ્રકચરલ રીપોર્ટ, સ્ટ્રકચરલ ડ્રોઇંગ વી. અંગે ફકત ફકરૂ હતુ માટે હોઈ તે અંગેની જવાબદારી એ.મ્યુ.કો. ની તથા તેના અધિકારીઓ /કર્મચારીઓની રહેશે નહી.

UNIT BUILT UP AREA CALCULATION

SHOP NO.:- [1]
22.23+24.96/2 X 5.66 =136.38 SMT

SHOP NO.:- [2]
(1) 0.06 X 0.15 = 0.09 SMT
(2) 21.57+23.23/2 X 5.45 =122.08 SMT
TOTAL =122.17 SMT

SHOP NO.:- [3]
(1) 8.02 X 5.53 = 44.35 SMT
0.35 X 1.72 = 0.60 SMT
(2) 6.35 X 6.33 = 40.20 SMT
(3) 8.19+9.87/2 X 5.51 = 49.76 SMT
TOTAL =134.91 SMT

UNIT BUILT UP AREA TABLE:- IN SQMT

FLOOR	UNIT NO.	UNIT BUILT UP AREA
GROUND FLOOR	SHOP NO. 1	136.38
	SHOP NO. 2	122.17
	SHOP NO. 3	134.91

PERCOLATION WELL

(1) HYDRANT SYSTEM :
ON/OFF 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 AS MEASURED AT THE TERRACE LEVEL SHOULD BE INSTALLED.
THE RISER FOR THE BUILDINGS EXCEEDING 18 MITERS HEIGHT SHOULD NOT BE OF LESS THAN 100 MM. INTERNAL DIAMETER. THE RISER SHOULD BE CONNECTED TO THE BOTTOM OF THE TERRACE TANK WITH A STOP VALVE AND A NRV TO ACT A DOWN-COMER.
ONE RISER IS REQUIRED FOR EVERY 1000 SQ. METERS FLOOR AREA AND IF THE BUILDING IS DIVIDED INTO, TWO OR MORE PARTS THEN EACH PART SHOULD HAVE A SEPARATE RISER WITH ALL THE FITTINGS AT EACH FLOOR LEVEL.
EACH FLOOR SHOULD HAVE ONE HYDRANT OUTLET WITH A COUPLING FOR ATTACHING A 63 MM. DIA. HOSE . 25 MM. BORE HOSE- REEL HOSE WITH 8 MM. SHUT- OFF NOZZLE AT EACH FLOOR LANDING. THE LENGTH OF THE HOSE SHOULD BE ENOUGH TO REACH THE FARTHEST CORNER OR THE FLOOR, HOSE-BOX WITH 15 METERS LONG 63 MM. DIA. HOSE AND 12.5 MM. BORE NOZZLE AT ALTERNATE FLOORS. THE HOSE-REEL HOSE SHOULD BE COUPLED TO THE RISER.
FIRE - SERVICE INLET SHOULD BE INSTALLED AT A POINT NEAR THE ENTRY TO THE PERMISES WHERE A FIRE SERVICE VEHICLE CAN APPROACH EASILY.
A PERMANENT HYDRANT POINT COMPRISING OF 63 MM DIA SIZE 2 NOS OF HYDRANT VALVES SHOULD BE INSTALLED AT THE TERRACE LEVEL.
THE OVERHEAD TANK SHALL BE OF A CAPACITY OF NOT LESS THAN 20,000 LITERS. THE UNDERGROUND TANK SHALL BE OF NOT LESS THAN 1,00,000 LITERS.

(2) FIRE LIFT :
THE FIRE-LIFT AND ALL LIFTS SHOULD HAVE A PROVISION TO GROUND TO AUTOMATICALLY IN CASE OF ELECTRICITY FAILURE. EACH BUILDING SHOULD HAVE AT LEAST ONE LIFT AS A FIRE - LIFT AND IF THE BUILDING IS DIVIDED INTO A MORE PARTS THEN EACH PART SHOULD HAVE A FIRE-LIFT. LIFT-WELL SHOULD HAVE BLOWERS TO PRESSURIZE THE LIFT -WELL SO CONNECTED THAT IT WILL AUTOMATICALLY OPERATE WHEN ALARM CALL POINT IS OPERATE, SO THAT IF PREVENTS THE LIFT WELL GETTING SMOKE LOGGED.

(3) FIRE ALARM:
FIRE ALARM CALL POINT TO BE INSTALLED AT EACH FLOOR WITH SOUNDERS CAPABLE OF BEING HEARD ALL THROUGHOUT THE BUILDING .

(4) FIRE EXTINGUISHERS :
ONE CARBON DIOXIDE (CO2) TYPE EXTINGUISHER OF 4.5 KG. WITH ISI MARK. AND ONE EXTINGUISHER OF 5 KG. DRY CHEMICAL POWDER (DCP) TYPE EXTINGUISHER WITH ISI MARK TO INSTALLED ON EACH FLOOR IN CASE OF COMMERCIAL BUILDING .
ONE CARBON DIOXIDE (CO2) TYPE EXTINGUISHER OF 4.5 KG. WITH ISI MARK. OR TWO CARBON DIOXIDE (CO2) TYPE EXTINGUISHER OF 2 KG. CAPACITY ON EACH FLOOR AND 5 KG. DRY CHEMICAL POWDER (DCP) WITH ISI MARK TYPE EXTINGUISHER ON ALTERNATE FLOOR IN CASE OF RESIDENTIAL BUILDINGS.
IF THE BUILDING IS DIVIDED INTO TWO OR MORE PARTS THEN EACH PART SHOULD HAVE THESE EXTINGUISHERS INSTALLED.

(5) STAIRCASE :
THE STAIRCASE HAS TO BE OPEN FROM AT LEAST ONE OR 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 LOGGED.
THE RISER / DOWN - COMER SHOULD BE LOCATED IN THE STAIRCASE OR CLOSE TO IN TO MAKE IT EASILY APPROACHABLE IN CASE OF FIRE FROM THE FLOOR BELOW OR ABOVE.

(6) BASEMENT :
THE BASEMENT OF 200 SQ. METERS OR MORE SHOULD BE PROTECTED WITH AUTOMATIC SPRINKLER SYSTEM WITH AT LEAST ONE SPRINKLE HEAD FOR ACTUAL CAR PARKING SPACE .
ADDITIONALLY BE PROTECTED BY A HYDRANT OUTLET AND TWO 25 MM.BORE HOSE REEL HOSES WITH 8MM. BORE NOZZLES AT EACH BASEMENT LEVEL.

(7) LIGHTENING ARRESTER :
A LIGHTENING ARRESTER SHOULD ALSO BE INSTALLED AND BE PROPERLY EARTHED TO PREVENT DAMAGE TO THE BUILDING WHEN THE LIGHTENING STRIKES.

(8) PHOTO LUMINESCENT (AUTO GLOW) SIGNAGES:
IF THE BUILDING FALLS IN A CONFINED AREA OR IF IT HAS AN ENCLOSED STAIRCASE OR IS NOT WELL LIT-UP ON THE INSIDE, THEN ADEQUATE PHOTOLUMINESCENT (AUTO GLOW) SIGNAGES SHOULD BE DISPLAYED AT EACH FLOOR / LANDING / PATHWY / DEAD-END AND ALONG ALL EXIT ROUTES LANDING TO THE GROUND LEVEL. THE SIGNAGE SHOULD INDICATE FIRE FIGHTING, FIRE SAFETY, FIRST-AID AND OTHER SAFETY EQUIPEMENT PRESENT ON THE RESPECTIVE FLOOR / LANDING / PATHWAY / DEAD - END AND ALONG ALL EXIT ROUTES LEADING TO THE GROUND LEVEL.

(9) ELECTRIC POWER SUPPLY TO THE ENTIRE FIRE - SAFETY SYSTEM
ELECTRICITY SUPPLY TO THE FIRE PUMP, FIRE ALARM 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 E/EN AFTER THE MAIN ELECTRICAL SUPPLY TO THE BUILDING IS SWITCHED OFF THE TIME OF FIRE.

(10) 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 EQUIPEMENT (I.E. PASSIVE SYSTEM / SPRIKLER / DRENCHER ETC.) AS PER FIRE LOAD / FIRE RISK / PUBLIC GETHERING, POTENTIAL / OCCUPANCY / CONFINED AREA, THOSE ADDITIONAL MEASURES / EQUIPEMENT HAVE TO BE IMPLEMENTED / INSTALLED.

11. LEGEND:-

1 FIRE HYDRANT SYSTEM PIPE MAIN
2 SINGEL HEADED HYDRANT VALVE
3 SLUICE VALVE
4 TWOWAY SIAMES CONNECTION
5 RISE OR DROP
6 NON RETURN VALVE
7 REDUCER
8 FIRE HOUSE BOX
9 HOSE REEL HOSE
10 D.C.P. &CO.2
HYDRAUNT VALVE

SCHEDULE OF PUMP'S AND EQUIPMENTS

SYMBOL	DESCRIPTION	NOS.	WORKING
F1.	DIESEL ENGINE PUMP	1	1
F2.	MAIN FIRE PUMP (ELECTRIC OPERATED)	1	1
F3.	JOCKEY PUMP (COMMON)	1	1
F4.	SPRINKLER PUMP (ELECTRIC OPERATED)	1	1

LEGEND:-

SYMBOL DESCRIPTION
7 150Ø WET RISER
8 80ØDRAIN PIPE
9 150ØSPRINKLER RISER FOR UPPER FLOORS
10 150Ø MAKE UP LINE.
11 150ØSPRINKLER RISER FOR UPPER BASEMENT
SPRINKLER HEAD (SIDE WALL)
SPRINKLER HEAD (PENDENT TYPE)
FHC
9 Lts MECHINICAL FOAM TYPE
4.5 Kg CO2FIRE EXTINGUISHER
22.5 KG CO2 TYPE EXTINGUISHER
50 Lts MECHINICAL FOAM TYPE

LONGI. DRAINAGE SECTION

SCALE:- VERTI. 1CM. = 1.00 M.
HORI. 1CM. = 4.00 M.