ELEVATION-SECTION-A'A 9/11

REVISED PLAN SHOWING
COMM. +RESI. BLDG. ON F.P.NO. 49/1 SUR.NO. 168/A OF T.P.S.NO. 34 (JAGATPUR), PRILIM. MOJE: JAGATPUR, TA.:GHATLODIYA, DIST.:AHMEDABAD.

SCALE : 1 CM.= 1.0 MT.

ZONE : RESIDENCE R-1 | USE : RESIDENCE + COMMERCIAL

FIRE NOTES

ON/OFF SWITCHES LOCATED NEAR THE HOSE REEL HOSE OR HYDRANT OUTLET, AT EACH FLOOR FOR THE MAIN FIRE -PUMP AT THE UNDERGROUND WATER TANK WITH A CAPACITY TO DISCHARGE 900 LITERS PER MINUTE AT 3BAR PRESSURE AS MEASURED AT THE TERRACE LEVEL SHOULD BE INSTALLED.

THE RISER FOR THE BUILDINGS EXCEEDING 18 METERS HEIGHT SHOULD NOT BE OF LESS THAN 100 MM. INTERNAL DIAMETER. THE RISER SHOULD BE CONNECTED THE BOTTOM OF THE TERRACE TANK WITH A STOP VALVE AND A NRV TO ACT AS A DOWN-COMER.

ONE RISER IN 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 63MM. DIA. HOSE. 25MM. BORE HOSE-REEL HOSE WITH 8MM. SHUT- OFF NOZZLE AT EACH FLOOR LANDING. THE LENGTH OF THE HOSE-BOX WITH 15 METERS LONG 63MM. DIA. HOSE AND 12.5MM. 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 PREMISES WHERE A FIRE SERVICE VEHICLE CAN APPROACH EASILY.

THE OVERHEAD TANK SHALL BE OF A CAPACITY IF 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 THE LIFTS SHOULD HAVE A PROVISION TO GROUND AUTO-MATICALLY IN CASE OF ELECTRICITY FAILURE. EACH BUILDING SHOULD HAVE AT LEAST ONE LIFT AS A FIRE-LIFT AND IF THE BUILDING IS DIVIDED INTO TWO OR 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 IT 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 CARBINE DIOXIDE (CO2)TYPE EXTINGUISHER OF 4.5 Kg. AND ONE EXTINGUISHER OF 5Kg. DRY CHEMICAL POWDER (DCP)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 EXTINGUISHER INSTALLED.

5) BASEMENT:
THE BASEMENT SHOULD BE PROTECTED WITH AUTOMATIC SPRINKLER SYSTEM WITH AT LEAST ONE SPRINKLER HEAD FOR A CAR PARKING SPACE.
ADDITIONALLY BE PROTECTED BY A HYDRANT OUTLET AND TWO 25MM. BORE HOSE-REEL HOSES WITH 6MM. BORE NOZZLES AT EACH BASEMENT LEVEL.

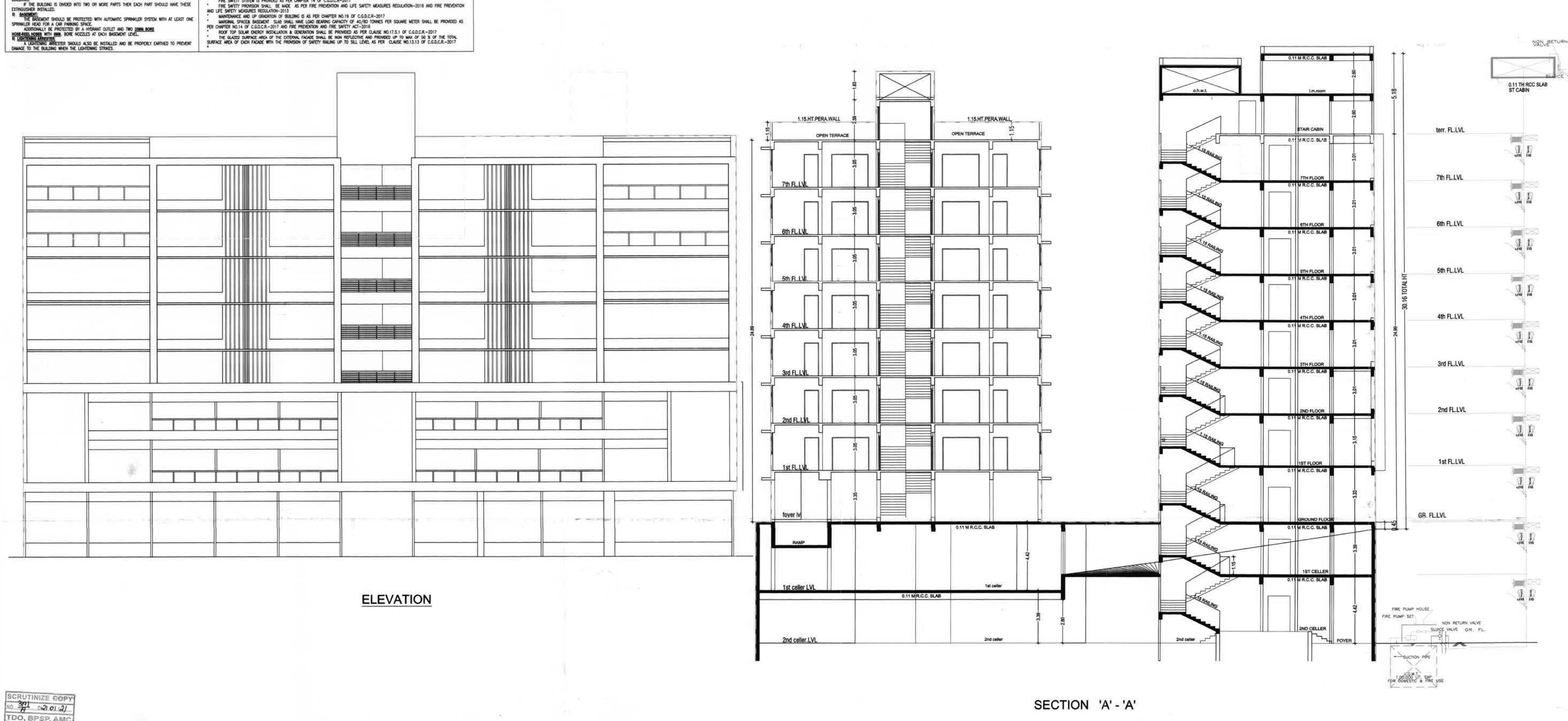
6) LIGHTENING ARRESTER:
A LIGHTENING ARRESTER SHOULD ALSO BE INSTALLED AND BE PROPERLY EARTHED TO PREVENT DAMAGE TO THE BUILDING WHEN THE LIGHTENING STRIKES.

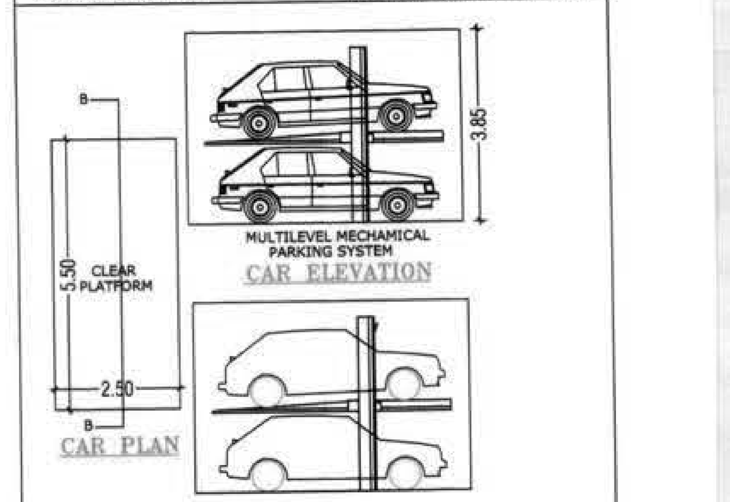
C.G.D.C.R.V.-2017(Dt:-15/01/2019) NOTES:-

- IT IS CERTIFIED THAT PLOT UNDER REFERENCE IS SURVEYED BY ME AND THE DIMENSIONS OF ALL SIDES OF PLOT AND PLOT AREA AS SHOWN IN PLAN ARE MEASURED BY ENGINEER ON RECORD AND IN ACCORDANCE WITH OWNERSHIP/REVENUE RECORD.
- ENGINEER IS FULLY RESPONSIBLE FOR LEAVING OPEN MARGINAL SPACE AND MARGIN.
- THE DEPTH AND POSITION OF EXISTING MUNICIPAL MAIN HOLE IS VERIFIED BY ME ON SITE AND PREMISES CAN GET DRAINAGE CONNECTION.
- IT IS CERTIFY THAT ACCORDING TO C.G.D.C.R.-2017, ALL REQUIREMENTS OF THE BUILDING ARE CHECKED AND NECESSARY ACTIONS ARE TAKEN.
- IT IS CERTIFY THAT ACCORDING TO THE CLAUSE NO. 4.4.3 OF THE C.G.D.C.R.-2017, THE STRUCTURE OF THE BUILDING IS DESIGNED AS PER THE NORMS OF THE INDIAN STANDARDS.
- DESIGN OF STAIRCASE AND RAILING IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 13.1.11 AND 13.1.13 OF C.G.D.C.R.-2017
- PEDESTRIANS RAMP IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO.13.1.14 OF C.G.D.C.R.-2017.
- LIFT IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 13.12 OF C.G.D.C.R.-2017
- WATER TANK IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 13.6 OF C.G.D.C.R.-2017
- LETTER BOX FOR EACH UNIT SHALL BE PROVIDED AT GROUND FLOOR LEVEL FOR EACH UNIT.
- WATER TANK FOR FIRE SAFETY REQUIREMENT PROVIDED AS PER FIRE PREVENTION AND FIRE SAFETY ACT-2016
- ELECTRICAL INFRASTRUCTURE SHALL BE PROVIDED AS PER CLAUSE NO.13.11 OF C.G.D.C.R-2017
- DRINKING WATER FACILITY FOR DISABLED PERSONS IS PROVIDED AS PER CLAUSE NO. 13.6.2 OF C.G.D.C.R.-2017
- DRAINAGE FACILITY IS PROVIDED AS PER THE CLAUSE NO. 13.10OF C.G.D.C.R.-2017
- SIGNALS OF THE PARKING PLACE IS TO BE PROVIDED AS PER THE PROVISION THE CLAUSE NO.13.7 OF C.G.D.C.R.-2017
- ENTRANCE OF THE BUILDING IS PROVIDED AS PER THE CLAUSE NO.13.1.6 OF C.G.D.C.R.-2017
- THE PAVING OF BUILDING UNIT/FINAL PLOT AS PER THE PROVISION OF THE CLAUSE NO.13.1.3 OF C.G.D.C.R.-2017
- THE STRUCTURAL DESIGN OF BUILDING IS AS PER NORMS OF SPECIFIED IN THE INDIAN STANDARD AND NECESSARY ACTION SHALL BE TAKEN FOR THE STRUCTURAL SAFETY DURING CONSTRUCTION.
- RAIN WATER STORAGE TANK AND RAIN WATER HARVESTING SYSTEM SHALL BE PROVIDED AS PER CLAUSE NO.17.2 OF C.G.D.C.R-2017
- COMMUNITY BIN PROVIDED AS PER THE PROVISION OF THE CLAUSE NO.17.2.4 & 17.2.5 OF C.G.D.C.R-2017
- GRAY WATER RECYCLING SYSTEM & DUAL PLUMBING SYSTEM IS PROVIDED AS PER THE CLAUSE NO.17.3 OF C.G.D.C.R-2017
- TREE PLANTATION IS PROVIDED AS PER THE CLAUSE NO.17.4 OF C.G.D.C.R-2017
- SOLAR ASSISTED WATER HEATING SYSTEM SHALL BE PROVIDED AS PER CLAUSE NO.17.5 OF C.G.D.C.R-2017
- POLLUTION CONTROL SYSTEM IS PROVIDED AS PER THE CHAPTER NO.18 OF C.G.D.C.R-2017
- FIRE SAFETY SYSTEM IS PROVIDED AS PER CHAPTER 14 OF C.G.D.C.R-2017
- FIRE SAFETY PROVISION SHALL BE MADE AS PER FIRE PREVENTION AND LIFE SAFETY MEASURES REGULATION-2016 AND FIRE PREVENTION AND LIFE SAFETY MEASURES REGULATION-2013
- MAINTENANCE AND UP GRADATION OF BUILDING IS AS PER CHAPTER NO.19 OF C.G.D.C.R-2017
- MARGINAL SPACE& BASEMENT SLAB SHALL HAVE LOAD BEARING CAPACITY OF 40/60 TONNES PER SQUARE METER SHALL BE PROVIDED AS PER CHAPTER NO.14 OF C.G.D.C.R.-2017 AND FIRE PREVENTION AND FIRE SAFETY ACT-2016
- ROOF TOP SOLAR ENERGY INSTALLATION & GENERATION SHALL BE PROVIDED AS PER CLAUSE NO.17.5.1 OF C.G.D.C.R.-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 CLAUSE NO.13.13 OF C.G.D.C.R.-2017

LEGENDS.

1.) FIRE HYDRANT SYSTEM PIPE MAIN
2.) SINGLE HANDED HYDRANT VALVE.
3.) SLUICE VALVE
4.) TWO WAY SAME CONNECTION
5.) RISE ON DROP.
6.) NON RETURN VALVE
7.) REDUCER
8.) FIRE HOUSE BOX
9.) HOSE REEL HOUSE
10.) DC.P & CO-2
11.) HYDRAUNT VALVE





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RESPONSIBILTY (C.G.D.C.R.-2017 C.L. NO. 4.3,4.4 & 4.5) :-
APPROVAL OF DRAWINGS AND ACCEPTANCE OF ANY STATEMENT, DOCUMENTS, STRUCTURAL REPORT, STRUCTURAL DRAWINGS, PROGRESS 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.
LIABILITY (C.G.D.C.R.-2017 C.L. NO. 3.3.2) :-
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 INJURY OR DAMAGE OR LOSS WHATSOEVER THAT MAY BE CAUSED TO ANY ONE IN OR AROUND THE AREA DURING SUCH CONSTRUCTION AND NO LIABILITY WHATSOEVER IN THIS REGARD SHALL BE CAST ON THE AUTHORITY.

AUTHORITY

Ahmedabad Municipal Corporation
Zone: NORTH WEST
Case No. : BLNTI/NWZ/041019/CGDCRV/A2879/R1/M1
Plan Approved as per terms and condition mentioned in the Commencement Certificate
Raja Chitthi Number : 04563/041019/A2879/R1/M1
Date : 19/02/2021

T.D. Sub Inspector(B.P.S.P.) | T.D. Inspector (B.P.S.P.) | Asst. T.D.O. (B.P.S.P.)

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TDO, BPSP, AMC