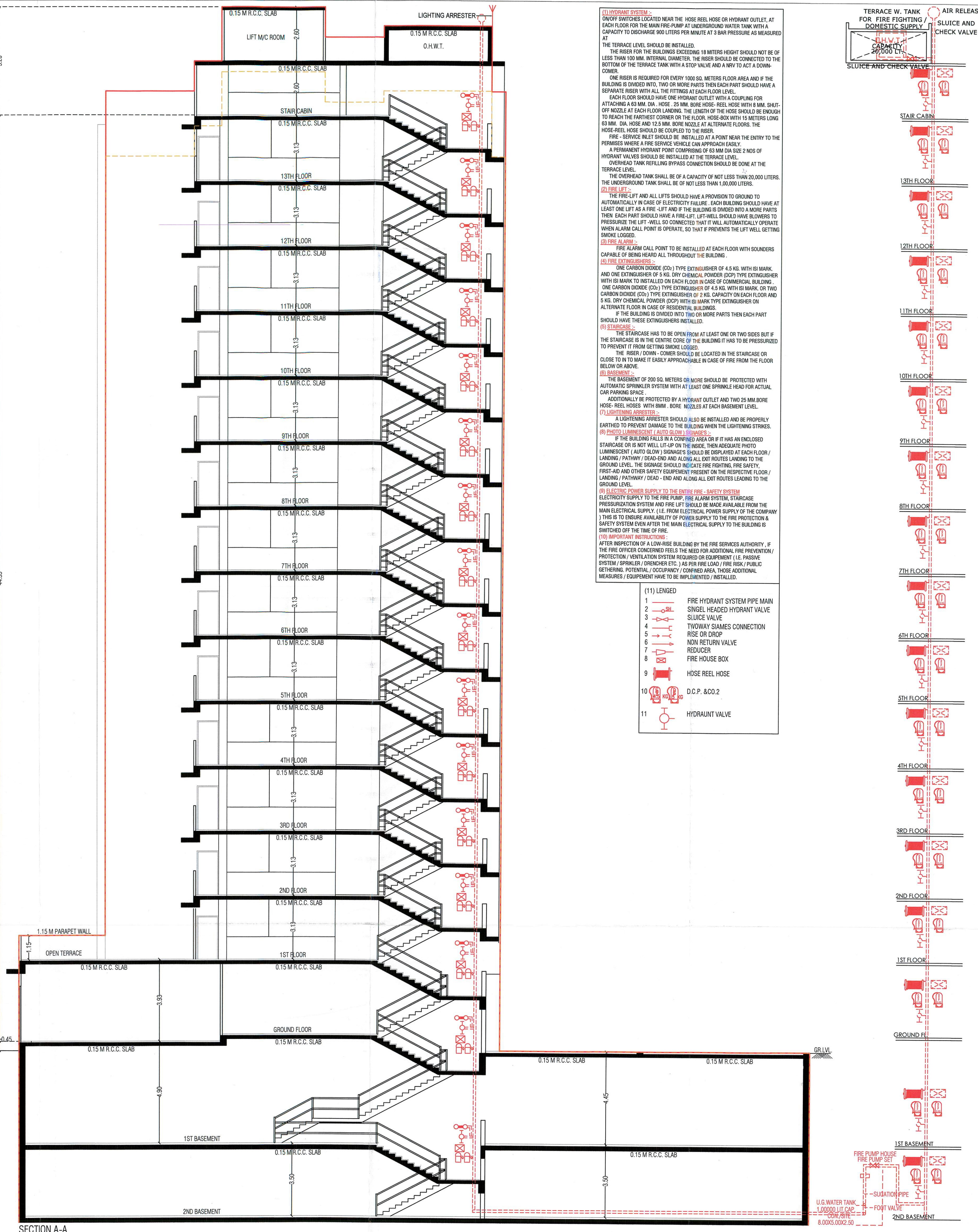




ELEVATION



SECTION A-A

CLUTTERING 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 800 LITERS PER MINUTE AT 3 BAR PRESSURE AS MEASURED AT THE TERRACE LEVEL SHOULD BE INSTALLED.
THE MAINS FOR THE BUILDINGS EXCEEDING 18 METERS 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 KEY TO ACT DOWN-CORNER.
ONE RISER IS REQUIRED EVERY 180 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 30 MM DIA. HOSE. 20 MM BORE HOSE- REEL HOSE WITH 5 MM. 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 30 MM. DIA. HOSE AND 2.5 MM. BORE NOZZLE AT ALTERNATE FLOORS. THE HOSE REEL HOSE SHOULD BE COUPLED TO THE RISER.
PIPE - SERVICE INLET SHOULD BE INSTALLED AT A POINT NEAR THE ENTRY TO THE FORMERS WHERE A FIRE SERVICE VEHICLE CAN APPROACH EASILY.
A PERMANENT HYDRANT POST COMPARING 60 MM DIA. SIZE 2 NOS OF HYDRANT VALVES SHOULD BE INSTALLED AT THE TERRACE LEVEL.
OVERHEAD TANK WITH LIFT PIPES CONNECTION SHOULD BE DONE ON THE TERRACE LEVEL.
THE OVERHEAD TANK SHALL BE OF A CAPACITY OF NOT LESS THAN 30,000 LITERS. THE UNDERGROUND TANK SHALL BE OF NOT LESS THAN 1,00,000 LITERS.
STAIR CASES:
THE FIRE LIFT AND ALL LIFTS SHOULD HAVE A PROVISION TO GROUND TO AUTOMATICALLY IN CASE OF EMERGENCY. 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 SHALL HAVE DOWNWARD PRESSURE 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.
STAIR CASES:
FIRE ALARM CALL POINT TO BE INSTALLED AT EACH FLOOR WITH BOUNDERS CAPABLE OF BEING HEARD ALL THROUGHOUT THE BUILDING.
STAIR CASES:
ONE CARBON DIOXIDE (CO₂) TYPE EXTINGUISHER OF 4.5 KG. WITH 50 MARK AND ONE EXTINGUISHER OF 8. KG. DRY CHEMICAL POWDER (DCP) TYPE EXTINGUISHERS WITH 50 MARK TO BE INSTALLED ON EACH FLOOR IN CASE OF COMMERCIAL BUILDING. ONE CARBON DIOXIDE (CO₂) TYPE EXTINGUISHER OF 4.5 KG. WITH 50 MARK, OR TWO CARBON DIOXIDE (CO₂) TYPE EXTINGUISHERS OF 2.5 KG. CAPACITY ON EACH FLOOR AND 8 KG. DRY CHEMICAL POWDER (DCP) WITH 50 MARK TYPE EXTINGUISHERS ON ALTERNATE FLOORS IN CASE OF RESIDENTIAL BUILDINGS.
IF THE BUILDING IS DIVIDED INTO TWO OR MORE PARTS THEN EACH PART SHOULD HAVE THESE EXTINGUISHERS INSTALLED.
STAIR CASES:
THE STAIRCASE HAS TO BE OPEN FROM AT LEAST ONE OR TWO SIDES BUT IF THE STAIRCASE IS IN THE CENTRE CORNER OF THE BUILDING IT HAS TO BE PRESSURIZED TO PREVENT IT FROM GETTING SMOKE LOGGED.
THE RISER DOWN CORNER SHOULD BE LOCATED IN THE STAIRCASES OR CLOSE TO IT TO MAKE IT EASILY APPROACHABLE IN CASE OF FIRE FROM THE FLOOR BELOW OR ABOVE.
STAIR CASES:
THE BASEMENT OF 300 SQ. METERS OR MORE SHOULD BE PROTECTED WITH AUTOMATIC SPRINKLER SYSTEM WITH AT LEAST ONE SPRINKLER HEAD FOR ACTUAL CAR PARKING SPACE.
ADDITIONALLY BE PROTECTED BY A HYDRANT OUTLET AND TWO 25 MM BORE HOSE REEL HOSES WITH 1000 MM. NOZZLES AT EACH BASEMENT LEVEL.
STAIR CASES:
LIGHTNING ARRESTER SHOULD BE INSTALLED AND BE PROPERLY EARTHED TO PREVENT DAMAGE TO THE BUILDING UNDER THE LIGHTNING STRIKES.
STAIR CASES:
THE BUILDING SHALL BE A COMMON AREA OR IF IT HAS AN ENCLOSED STAIRCASE OR IS NOT WELL LIFT UP ON THE HOSE, THEN ASSOCIATE PHOTO LUMINESCENT (AUTO GLOW) SIGNAGE SHOULD BE DISPLAYED AT EACH FLOOR / LANDING / PATHWAY / DEAD-END AND ALONG ALL DET ROUTES LEADING TO THE GROUND LEVEL. THE SIGNAGE SHOULD INDICATE FIRE FOOTING, FIRE SAFETY, FIRST AID AND OTHER SAFETY EQUIPMENT PRESENT ON THE RESPECTIVE FLOOR / LANDING / PATHWAY / DEAD- END AND ALSO ALL DET ROUTES LEADING TO THE GROUND LEVEL.
STAIR CASES:
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) IN SUCH A MANNER AS TO BE AVAILABLE TO THE FIRE PROTECTION SAFETY SYSTEM EVEN AFTER THE MAIN ELECTRICAL SUPPLY TO THE BUILDING IS SWITCHED OFF DUE TO THE FIRE.
STAIR CASES:
AFTER INSPECTION A LOW-RISE BUILDING BY THE FIRE SERVICES AUTHORITY, IF THE FIRE OFFICER CONCERNED FEELS THE NEED FOR ADDITIONAL FIRE PREVENTION / PROTECTION / VENTILATION SYSTEM REQUIRING EQUIPMENT (I.E. PRESSURE SYSTEM / SPRINKLER / DROPPER ETC.) AS PER FIRE LOAD / FIRE RISK / PUBLIC GATHERING, POTENTIAL OCCUPANCY / CONFIRMED AREA, THOSE ADDITIONAL MEASURES / EQUIPMENT HAVE TO BE IMPLEMENTED / INSTALLED.

- (1) LENGED
- 1 FIRE HYDRANT SYSTEM PIPE MAIN
 - 2 SINGLE HEADED HYDRANT VALVE
 - 3 SLIDE VALVE
 - 4 TOWAY SHAMES 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
 - 11 HYDRANT VALVE

ELEVATION & SECTION

REVISED PLAN SHOWING RESI.+COMM. BLDG. ON F.P.NO. 205, O.P. NO. 205 OF SUR.NO.-762, OF DRAFT T.P.S.NO.-3 (GHUMA), MOJE - GHUMA, TA. - DASKROI, DIST. AHMEDABAD.

SCALE: 1:100 = 1:00 MT.

ZONE AS PER R.D.P. 2021 - RAH-I (RESIDENTIAL AFFORDABLE HOUSING-I) USE OF THE CONST. - RESI.+COMM.

અમદાવાદ શહેરી વિકાસ સંસ્થાના પહેલાં સ્ટેપ છે. આ રીંગ પાસેથી ડોમેસ્ટિક સ્વાતંત્ર્ય હેઠળ સુવ્યવસ્થિત સ્થાન સુવ્યવસ્થિત કરવામાં આવેલ છે. બાકીની જગ્યાઓ સુવ્યવસ્થિત કરવામાં આવશે. બાકીની જગ્યાઓ સુવ્યવસ્થિત કરવામાં આવશે. બાકીની જગ્યાઓ સુવ્યવસ્થિત કરવામાં આવશે.

પાસ સરકાર : ડોમેસ્ટિક સુવ્યવસ્થામાં સરકારી કામગીરી પૂર્ણ કરવામાં આવી છે. બાકીની જગ્યાઓ સુવ્યવસ્થિત કરવામાં આવશે. બાકીની જગ્યાઓ સુવ્યવસ્થિત કરવામાં આવશે. બાકીની જગ્યાઓ સુવ્યવસ્થિત કરવામાં આવશે.

પાસ નોંધ : ડોમેસ્ટિક સુવ્યવસ્થામાં સરકારી કામગીરી પૂર્ણ કરવામાં આવી છે. બાકીની જગ્યાઓ સુવ્યવસ્થિત કરવામાં આવશે. બાકીની જગ્યાઓ સુવ્યવસ્થિત કરવામાં આવશે. બાકીની જગ્યાઓ સુવ્યવસ્થિત કરવામાં આવશે.

COLOUR NOTE:

PROP. WORK	APPR. WORK
PROP. DRAINAGE	APPR. DRAINAGE

SCHEDULE FOR OPENING -

FPD = 1.00 X 2.10	= 3.12 X 2.00	WIDTH = 2.00 MTR.
D1 = 1.00 X 2.10	= 1.80 X 2.00	TREAD = 0.30 MTR.
D2 = 0.90 X 2.10	= 1.40 X 2.00	RISE = 0.15 MTR.
R.S. = 3.00 X 2.40	V = 0.60 X 0.60	

STAIR DETAILS -

FPD = 1.00 X 2.10

D1 = 1.00 X 2.10

D2 = 0.90 X 2.10

R.S. = 3.00 X 2.40

V = 0.60 X 0.60

ANANYA INFRACON PVT. LTD.
ANKUR BIPINBHAI DESAI
14/80, Azad Apartment-1,
Ambewadi, Ahmedabad-15.
AUDA REG. NO. DEV174 DL 08122019

M. B. CHAUDHARY
AUDA / C.O.W. LIC No. 1/557
17, Jay Jagdish Society,
Navrangpura, A/bad - 380014
C.O.W.

For, SAANVI NIRMAN PROJECTS

OWNERS

V. B. Contractor B.E. (Civil)
AUDA STRUCTURAL ENGINEER
GRADE 1/275/09061/12-8-2023
8, Kantikay, Nr. Ratnapura Gam,
Vastral, Ahmedabad-382418

V. B. Contractor B.E. (Civil)
AUDA ENGINEER
ENG/80/02519/28-2-2023
8, Kantikay, Nr. Ratnapura Gam,
Vastral, Ahmedabad-18.

Final Plan boundary and allotment of final plot is Subject to Verification by Town Planning Officer

Owner is fully responsible For open marginal Space and road line Portion.

APPROVED
As amended by **Red (Colour)** Subject to the condition as mentioned in this office Letter PRM No. 14/11/2019
Dated: 14 APR 2019

SPONSOR BY

Assistant Town Planner
Ahmedabad Urban Development Authority
Ahmedabad.

Senior Town Planner
Ahmedabad Urban Development Authority
Ahmedabad.