

ON/OFF switches located near the hose reel and/or hydrant outlet, at each floor the hose firePump at the underground water tank with capacity to discharge 1000 GPM (3800 LPM) for fire pressure as measured at the terrace level should be installed.

The floor for the firePumps exceeding 18 meters and above 18 meters should not be less than 18 meters above the ground level. The fire hose reel should be connected to the bottom of the water tank with a slope valve and a NRV to act as a Down - counter.

Fire riser is required for every 100 square 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. Each floor should have a pressure relief with a connection to the terrace level of 100 mm. Fire hose Reel should have 5 mm S.S. Shut-off nozzle at each floor landing. The length of the hose should be enough to reach the top corner of the floor. Hose reel should be 100 mm and 12.5 mm. hose nozzles at alternate floor. The hose-reel hose should be coupled to the floor.

Pressure relief valve should be installed at a point near to the entrance where a Fire service vehicle can approach easily.

A permanent firePump outlet comprising of 25 mm dia and 200 mm of hydrant hose should be installed at the terrace level.

Overhead tank Refilling bypass connection should be made at the terrace level. The overhead tank shall be of capacity of 20000 litres and 20,000 litres. The underground tank shall be of not less than 1,00,000 litres.

Diagram illustrating the vertical components of a column footing detail:

- VERT. STEEL
- COLUMN
- PEDESTAL
- FOOTING
- STEEL OF FOOTING (BOTH WAY)
- UP TO HARD SOIL
- G.L. (Ground Level)
- 0.65 (Column width)
- 0.5 (Footing width)
- COLUMN FOOTING DETAIL

COMMON PLOT AREA CALC :-

(1)	$(0.49+3.28)/2 \times 4.82$	= 009.09 SMT.
(2)	AS PER PLINE AREA	= 000.17 SMT.
(3)	$13.32 \times 5.46 \times 1/2$	= 036.36 SMT.
(4)	$14.39 \times 5.21 \times 1/2$	= 037.49 SMT.
(5)	13.23×8.86	= 117.22 SMT.
(6)	$10.23 \times 4.43 \times 1/2$	= 022.66 SMT.
		= 222.99 SMT.

- 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 AREA MEASURED BY ENGINEER ON RECORD AND IN ACCORDANCE WITH OWNERSHIP/REVENUE RECORD.
- ENGINEER IS FULLY RESPONSIBLE FOR LEAVING OPEN SPACE AND MARGIN.
- THE STREET AND ROADSIDE SIDEWALKS AND MUNICIPAL MANHOLE IS VERIFIED ME ON SITE AND PERMISES CAN GET DRAINAGE CONNECTION.
- IT IS CERTIFY THAT ACCORDING TO C.G.D.C.R. - 2017 ALL REQUIREMENT OF THE BUILDING ARE CHECKED AND NECESSARY ACTION 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 STANDARD
- DESIGN OF STAIRCASE AND RAILING IS PROVIDED AS PER PROVISION OF THE CLAUSE NO. 13.11 AND 13.11.3 OF C.G.D.C.R.-2017.
- PEDESTRIANS RAMP IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 13.11.4 OF C.G.D.C.R.-2017.
- LIFT PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 13.12 AND OF C.G.D.C.R.-2017.
- WATER TANK IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 13.58 OF C.G.D.C.R.-2017
- LETTER BOX FOR SELLER BE PROVIDED AT GROUND LEVEL FOR EACH UNIT.
- WATER TANK FOR FIRE SAFETY REQUIREMENT PROVIDED AS PER FIRE PREVENTION AND FIRE SAFETY MEASURES REGULATION - 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 THE CLAUSE NO. 13.62 OF C.G.D.C.R.-2017.
- RAINWATER FACILITY IS PROVIDED AS PER THE CLAUSE NO. 13.10 OF C.G.D.C.R.-2017.
- SIGNAGES OF THE PARKING PLACE IS TO BE PROVIDED AS PER THE PROVISION THE CLAUSE NO. 13.37 OF THE C.G.D.C.R.-2017
- ENTRANCE OF THE BUILDING IS PROVIDED AS PER CLAUSE NO.13.16 OF C.G.D.C.R.-2017.
- THE PAVING OF BUILDING UNFINITIAL PLOT AS PER THE PROVISION OF THE CLAUSE NO. 13.13 OF C.G.D.C.R.-2017.
- THE STRUCTURE 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 THE CLAUSE NO. 13.12 OF C.G.D.C.R.-2017.
- COMMUNITY BIN PROVIDED AS PER THE PROVISION OF THE CLAUSE NO.17.24.5 AND 17.25 OF C.G.D.C.R.-2017.
- GREY WATER RECYCLING SYSTEM & DUAL PLUMBING SYSTEM IS PROVIDED AS PER THE CLAUSE NO. 13.10.3 OF C.G.D.C.R.-2017.
- TREE PLANTATION IS PROVIDED AS PER CLAUSE NO.17.4 OF C.G.D.C.R.-2017
- SOLAR ASSISTED WATER HEATING SYSTEM SHALL BE PROVIDED AS PER THE 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 PROVISION SHALL BE PROVIDED AS PER CHAPTER NO. 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 UPGRADED 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 4000TONNES
- TO ACQUIRE MINIMUM SHED SPACE SHALL BE PROVIDED AS PER CLAUSE NO. 14 OF C.G.D.C.R.-2017
- FIRE PREVENTION AND LIFE SAFETY SAFETY ACT-2016
- ROOF TOP SOLAR ENERGY INSTALLATION & GENERATION SHALL BE PROVIDED AS PER CLAUSE NO.17.51 OF C.G.D.C.R.-2017.
- THE BASEMENT SHALL BE PROVIDED AS THE EXTERNAL PARCHADE 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. SURFACE AREA NO.13.13 OF C.G.D.C.R.-2017

Q. RESI. PARKING AREA CALC.

TOTAL USED F.S.I. AREA	= 5843.95 SMT.
1. 20 % PARKING OF 5843.95	= 1168.79 SQ. MT.
2. CAR PARKING SPACE @ 50 %	= 584.39 SQ. MT.
3. OTHER PARKING SPACE @ 40 %	= 467.52 SQ. MT.
4. VISITOR PARKING SPACE @ 10 %	= 116.88 SQ. MT.
TOTAL =	1168.79 SQ. MT.

PARKING AREA TABLE (BLOCK -A)		
RESI.	PROVI. PARKING AREA	
PARKING	(A) 19.17 X 10.86	= 208.19
	(B) 08.12 X 10.48	= 085.10
		= 293.29
PER PARKING	(C) 11.05 X 08.68	= 095.91
	(D) 04.27 X 03.51	= 014.99
		= 110.90
TOTAL		404.19

KING AREA TABLE (BLOCK-B)		
RESI.	PROVI. PARKING AREA	
PARKING	(A) 07.55 X 14.48	= 109.32
	(B) 07.55 X 09.37	= 070.74
		= 180.06
PER PARKING	(C) 16.04 X 09.37	= 150.29
	(D) 12.23 X 03.23	= 039.50
	(E) (12.26+6.82)/2X6.02	= 057.43
		= 247.22
TOTAL		427.28

A blank sheet of graph paper with a light gray grid pattern. The grid consists of small squares. There are faint horizontal and vertical lines running across the page, creating larger rectangular sections. A thin red line runs vertically down the right side of the page. A green triangular shape is visible in the bottom right corner, partially cut off by the edge of the page.

REQ. PERCOLATING WELL
PLOT AREA - 1500 TO 4000 SQ. MTS
1 PERCOLATING WELL
PLOT AREA = 2165.00 SQ. MTS.
2165.00 / 4000.00 = 0.54 SQ. MTS.
PROVI. 1 PERCO. WELL.

TREE PLANTATION
PLOT AREA - = 2165.00 SQ. MTS.
200 SQ. MTS. / 5 TREES
(2165.00x5)/200 = 54.12 TREE
SAY 55 TREES
PROVI. 55 TREES

COMMUNITY BIN (RESL)
RESL. UNITS - 50 UNITS
1 UNITS / 10 LTS.
56 UNITS / 560 LTS.
560 / 80 = 7 NOS. CONT.
PROVI. 560 LTS. (80 X 7) COMM. BIN
TOTAL PROVI. 560 LTS. (80 X 7)

REF. CASE NO.
LTS/ST/080310/P/A7617/M1
DT. 19/05/2010

The permission is valid only till the DP/TPS remains unaltered and further that the permission shall stand revoked as soon as there is change in DP/TPS with reference to the land under reference.

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

સહેલી સિદ્ધા અને સહેલી ગુહનિર્વાય વિભાગના પણ સભાક ને.
 માર્ચ/૨૦૦૭/૧૬/૨૫/૧૦ તા-૧૬-૧૧-૧૦ ના મત સમુદાય બંધનમાં
 જમ્યાને મોટા ચાલેને ગુજરાતી ભાષામાં બંધનમાં તમામ સિદ્ધા દર્શાવું મોટું
 કામની મર્યાદા મારો.

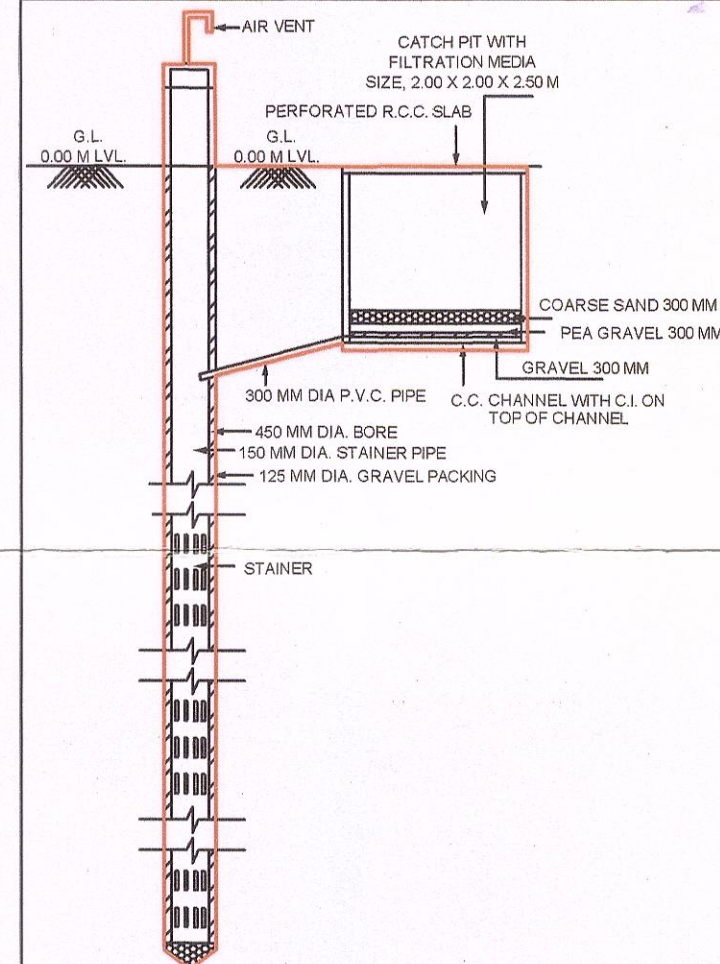
PLAN SHOWING PROP. RESIDENTIAL BLDG. ON
DRAFT T.P.S. NO. 93-C (GYASPUR-VEJALPUR),
F.P. NO. 20, O.P. NO. 20, S.P. NO. 2/PAIKI
(235/B+247/A/2 PAIKI), R.S. NO. 235/B, 247/A
MOJE: GYASPUR. TA :- VATVA. DIST - AHMEDABAD.

SCALE :- 1.00 CM. = 1.00 MT.	
ZONE:- RESIDENCE(R1)	USE:- RESIDENTIAL
<u>AREA TABLE</u>	<u>SQ.MTS.</u>
PLOT AREA OF S.P. NO.2 (235/B + 247/A)2 REF. CASE NO. LTS/SZ/080310/P/A7617/M1	3005.84

PLOT AREA OF S.P. NO.2/PAIKI AS PER C.C.P. OPINION	2165.00
(235/B + 247/A/2 PAIKI)	
COMMON PLOT REQD. @ 10% OF PLOT	216.50
COMMON PLOT PROVIDED	222.99

<u>F.S.I. AREA TABLE</u>	<u>SQ.MTS.</u>
PLOT AREA OF S.P. NO.2/PAIKI AS PER C.C.P. OPINION (235/B + 247/A/2 PAIKI)	2165.00
PERMI. F.S.I. AREA 1.1.8 (2165.00 X 1.8).....	3897.00
PERMI. CHARGABLE F.S.I. AREA 0.90% (2165.00 X 0.90)	1948.50

TOTAL PERMIT F.S.I. AREA + CHARGEABLE F.S.I. AREA	5843.95
TOTAL PROPOSED F.S.I. AREA	5843.95
TOTAL BALANCE F.S.I. AREA	01.55
TOTAL USED CHARG. F.S.I. AREA (5843.95 - 3897.00)	1946.95



COLOUR NOTE		
C.S. BOUNDARY		TREE 
PROP. WORK		PERCO. WELL 
PROP. DR-LINE		COMMUNITY BIN 
ROAD		SPRINKLER 

HIGHRISE LANDMARK BUILDTech LLP
Yunusbhai Bhikhubhai Shaikh
AMC LIC. No. DEV. 1252140224

<u>DEVELOPER</u>	

SOHIL M. MAKWANA
AMC-CW. LIC. No. : CW-0780110921 (GRADE:
A/24, Navrang Tenement,
Nr. Fatehwadi Bus Stand,
Sarkhel Road, AHMEDABAD-38005

<u>OWNER</u>	<u>C.O.W.</u>
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SOHIL M. MAKWANA (B. E. CIVIL)
 AMC-ER. LIC. No. : ER130110921
 A/24, Navrang Tenament,
 Nr. Fatehwadi Bus Stand,
 Sarkhej Road, AHMEDABAD-380055
SOHIL M. MAKWANA (B. E. CIVIL)
 A.M.C.E. LIC. No. 001SE12102300603 (GRADE 1)
 24/A, NAVRANG TENAMENT,
 NR. FATEHWADI BUS STOP,
 SARKHEJ, AHMEDABAD-380055

ENGINEER _____ STR.ENGINEER _____

A. A. AGALODIYA
11, Nava Vas, DANTA-385 120
LIC. No.
001SR24082510180
(GRADE-I)

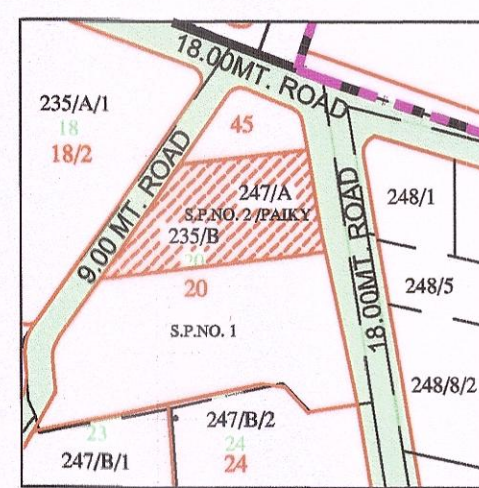
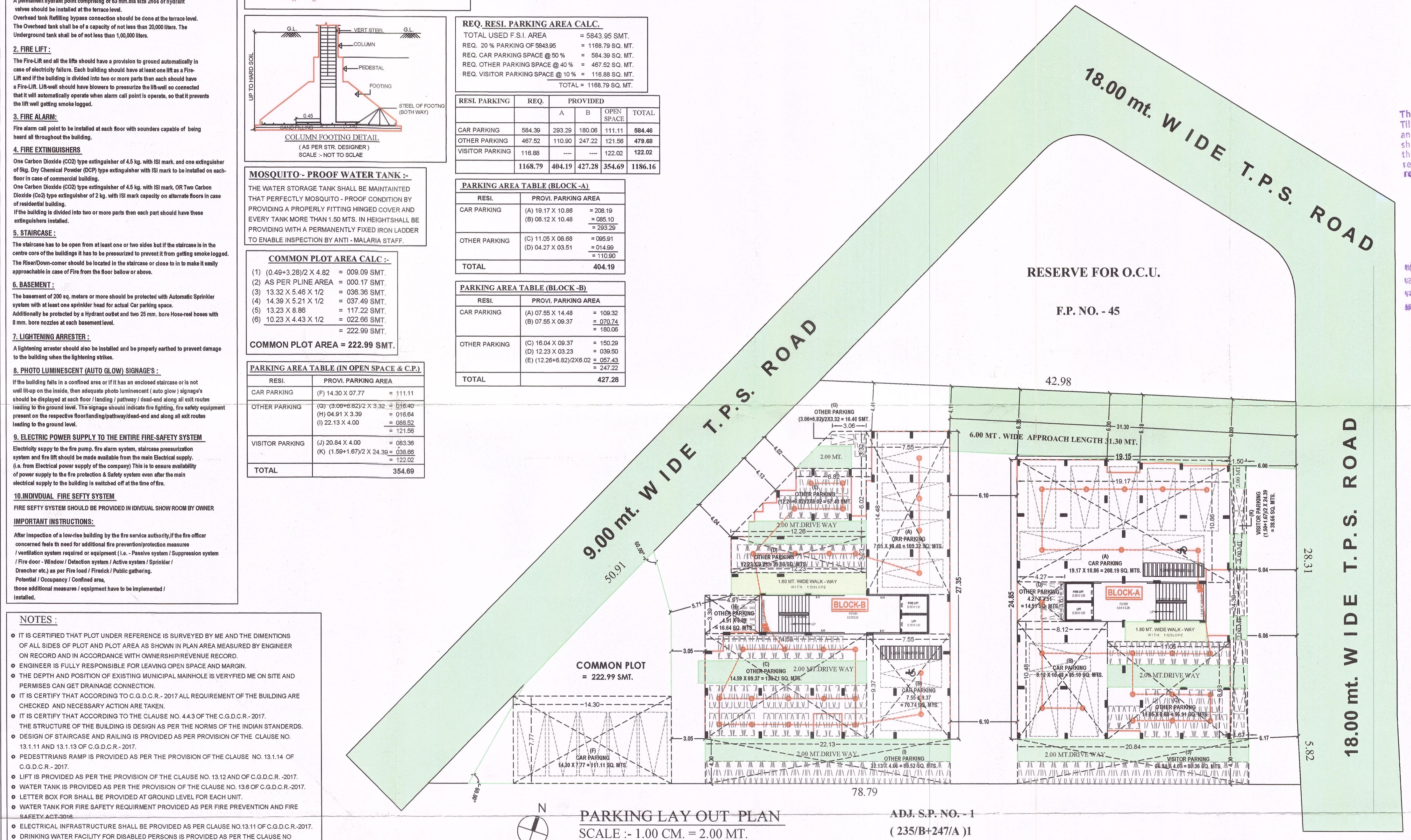
PER LETTER
OF MAY 11, 1964, DATED
AT WASH DC
BY THE DIRECTOR
OF THE FBI
TO THE DIRECTOR
OF THE FBI
RE NO. 172
OF STEEL
DURING
PURPOSE.

[illegible][illegible][illegible]

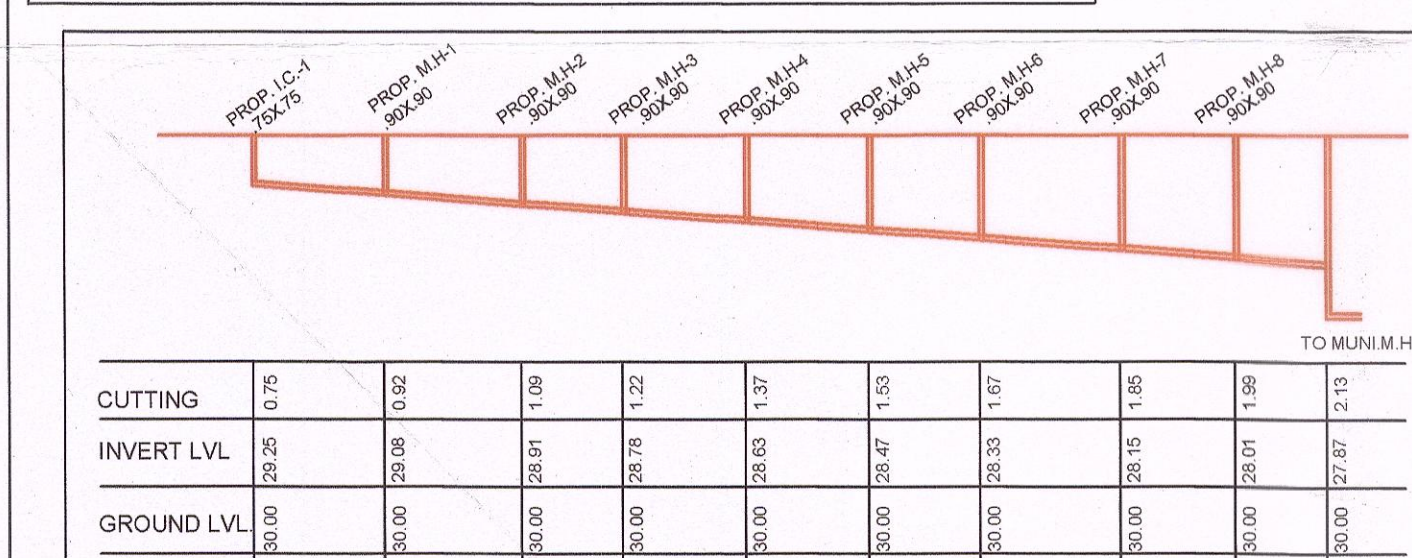
Case No. : BLNTS/SWZ/241120/CGDCRV/A4296/R0/M1
Plan Approved as per terms and condition mentioned in the Commencement Certificate
Bala Chitthi Number : 04510/241120/A4296/R0/M1


 T.D. Sub  T.D. Inspector  Asst. T.D.O. 
 (R.S.P.) 05-02-2021



KEY PLAN
SCALE :-1.00 CM. =25.0 MT.

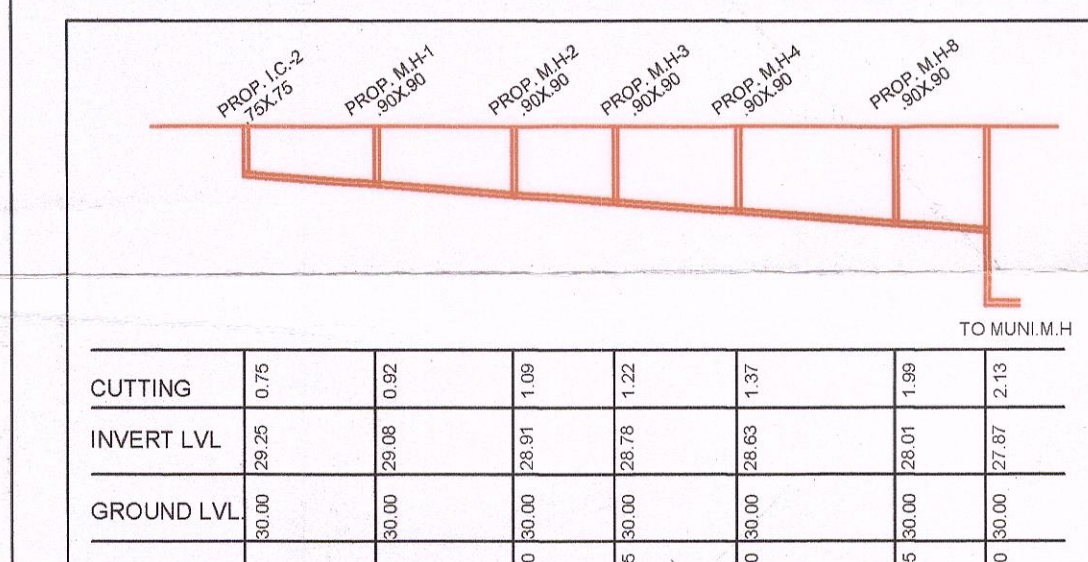


DISTANCE

0.00	9.00	20.4
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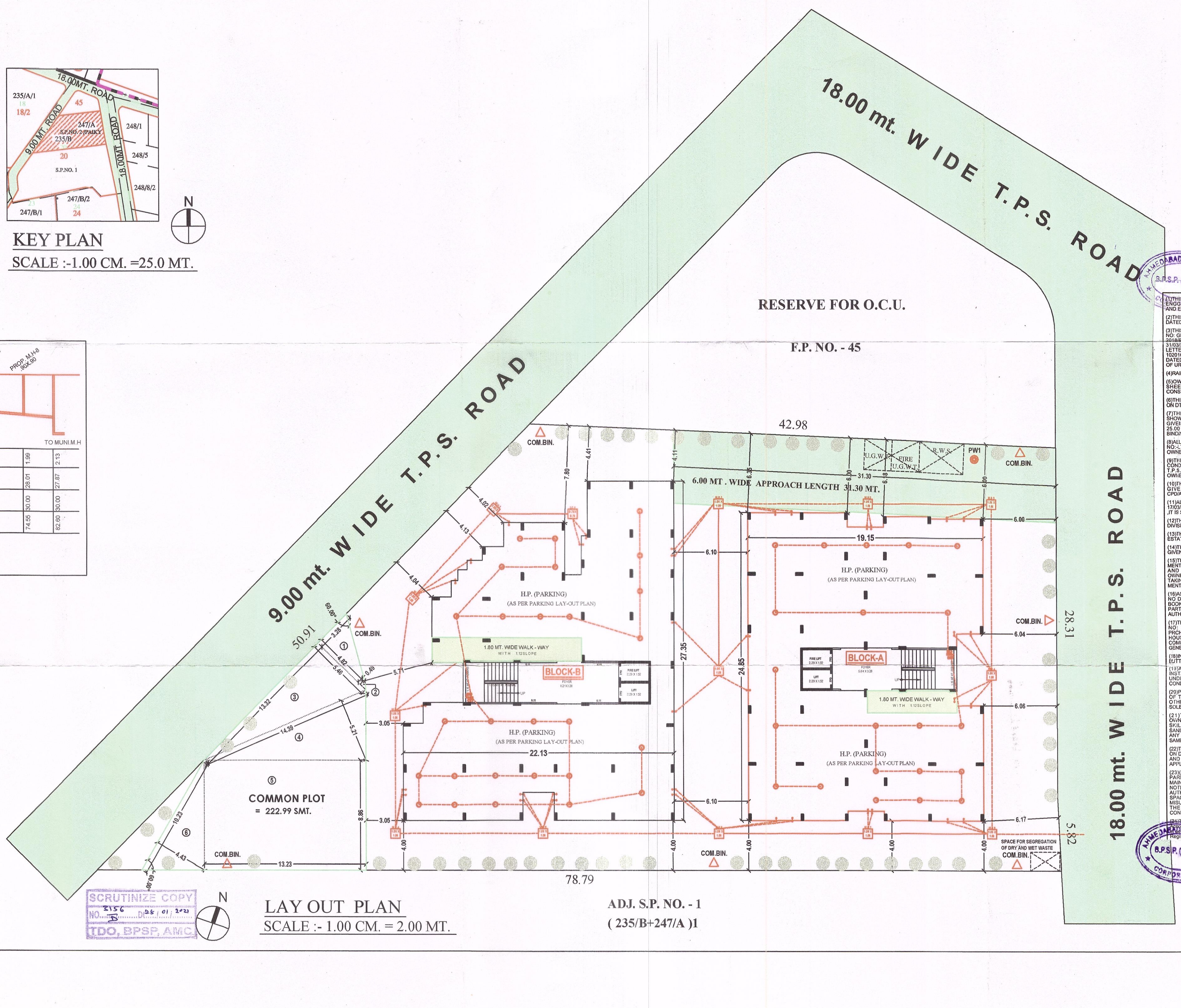
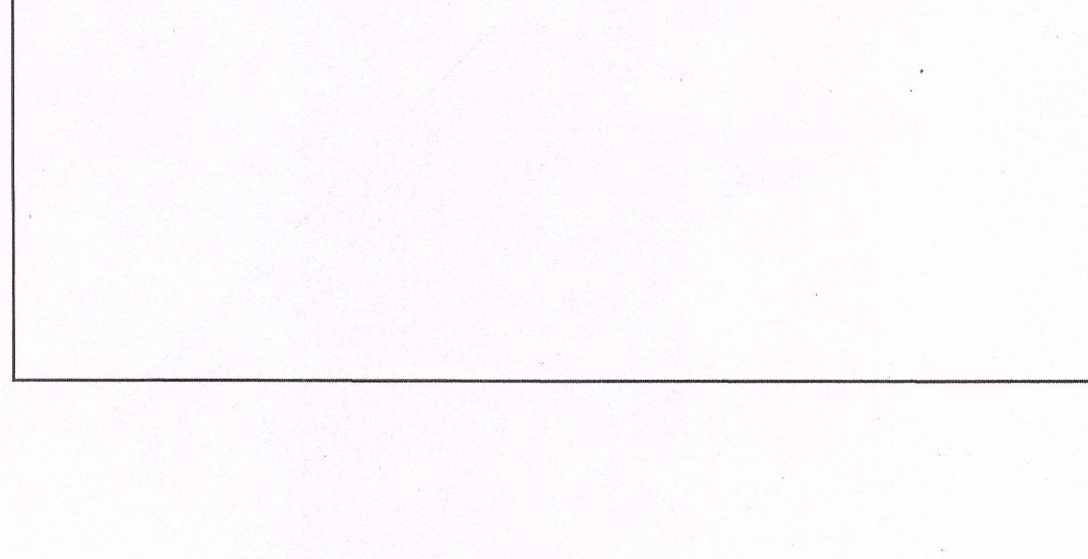
LONGITUDINAL DRAINAGE SECTION

SCALE:- 1C.M. = 1MT. (VERTICAL)



LONGITUDINAL DRAINAGE SECTION

SCALE:- 1C.M. = 1MT. (VERTICAL)



1. HYDRANT SYSTEM:
ON/OFF valves located near the hose reel or hydrant outlet, at least from the main Fire-Fight of the underground water tank with a capacity to discharge 500 liters per minute at 2 bar, pressure as measured at the terrace level should be installed.
The fire for the buildings exceeding 10 meters and above 10 meters height should not be less than 90 mm. internal diameter. The fire should be connected to the bottom of the terrace tank with a stop valve and a H.V.V. to act as a Down - corner.
One line is required for every 1000sq. meters floor area and if the building is divided into two or more parts then each part should have a separate line with all the fittings at floor level. Each floor should have one hydrant outlet with a coupling for attaching a 50 mm dia hose 2.5 mm bore hose-hose with 8 mm. S.S. Shutoff nozzle at each floor landing. The length of the hose reel should be enough to reach the furthest corner of the floor. Hose-box with 15 meters long 65mm. dia. hose and 12.5 mm. bore nozzle of alternate floor. The hose-reel hose should be coupled to the floor.
Fire-extender inlet should be installed at a point near the entry to the premises where a Fire service vehicle can approach easily.
A permanent hydrant point comprising of 50 mm. dia size zone of hydrant valves should be installed at the terrace level.
Overhead tank Filling/bypass connection should be done at the terrace level. The underground 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 the lift should have a provision to ground 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 two or more parts then each should have a Fire-Lift. Lift should have blowers to prevent the fire from connected that it will automatically operate when alarm call point is operated, so that it prevents the lift well getting smokelogged.

3. FIRE ALARM:
Fire alarm call points be installed at each floor with sounders capable of being heard at throughout the building.

4. FIRE EXTINGUISHERS:
One Carbon Dioxide (CO2) type extinguisher of 4.5 kg. with 100 mark. and one extinguisher of Dry Chemical Powder (DCP) type extinguisher with 100 mark to be installed on each floor in case of commercial building.

One Carbon Dioxide (CO2) type extinguisher of 4.5 kg. with 100 mark. OR Two Carbon Dioxide (CO2) type extinguisher of 2 kg. with 100 mark capacity on alternate floors in case of residential building.
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 protected to prevent from getting smoke logged. The fire-escape 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.

6. BASEMENT:
The basement of 200 kg. 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-hose with 8 mm. bore nozzles at each basement level.

7. LIGHTNING ARRESTER:
A lightning arrester should also be installed and be properly earthed to prevent damage to the building when the lightning 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 stairs, then adequate photo luminescent (auto glow) signage should be displayed at each floor / landing / pathway / dead-end along all exit routes leading to the ground level. The signage should indicate fire fighting, the safety equipment 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 presentation system and fire lift should be made available from the main Electrical supply. E.S. 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 at the time of fire.

10. INDIVIDUAL FIRE SEFTY SYSTEM:
FIRE SEFTY SYSTEM SHOULD BE PROVIDED INDIVIDUAL SHOW ROOM BY OWNER

IMPORTANT INSTRUCTIONS:
After inspection of a low-rise building by the fire service authority, if the fire officer concerned feels that need for additional fire prevention/protection measures / ventilation system required or equipment (i.e. - Passive system / Suppression system / Fire door / Window / Detection system / Active system / Sprinkler / Drencher etc.) as per fire load / Fire risk / Public gathering. Potential / Occupancy / Confined area, these additional measures / equipment have to be implemented / installed.

NOTES:
● IT IS CERTIFIED THAT PLOT UNDER REFERENCE IS SURVEYED BY ME AND THE DIMENTIONS OF ALL SIDES OF PLOT AND PLOT AREA AS SHOWN IN PLAN AREA MEASURED BY ENGINEER ON RECORD AND IN ACCORDANCE WITH OWNERSHIP/PREVENUE RECORD.
● ENGINEER IS FULLY RESPONSIBLE FOR LEAVING OPEN SPACE AND MARGIN.
● THE DEPTH AND POSITION OF EXISTING MUNICIPAL MAINHOSE IS VERIFIED ON SITE AND PERMISES CAN GET DRAINAGE CONNECTION.
● IT IS CERTIFY THAT ACCORDING TO C.G.D.C.R. - 2017 ALL REQUIREMENT OF THE BUILDING ARE CHECKED AND NECESSARY ACTION 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 DESIGN AS PER THE NORMS OF THE INDIAN STANDARDS.
● DESIGN OF STAIRCASE AND RAILING IS PROVIDED AS PER PROVISION OF THE CLAUSE NO. 13.1.11 AND 13.1.13 OF C.G.D.C.R. - 2017.
● REDESTRINGS 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. 13.1.2 AND C.G.D.C.R. - 2017.
● WATER TANK IS PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 13.8 OF C.G.D.C.R. - 2017.
● LETTER BOX FOR MAIL BE PROVIDED AT GROUND 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 THE CLAUSE NO. 13.8.2 OF C.G.D.C.R.-2017.
● DRAINAGE FACILITY IS PROVIDED AS PER THE CLAUSE NO. 13.10 OF C.G.D.C.R.-2017.
● SIGNAGES OF THE PARKING PLACE IS TO BE PROVIDED AS PER THE PROVISION OF THE CLAUSE NO. 13.7 OF THE C.G.D.C.R.-2017.
● ENTRANCE OF THE BUILDING IS PROVIDED AS PER CLAUSE NO.13.1.6 OF C.G.D.C.R.-2017.
● THE PAVING OF BUILDING UNITS/FINAL PLOT AS PER THE PROVISION OF THE CLAUSE NO. 13.13 OF C.G.D.C.R.-2017.
● THE STRUCTURE 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 THE 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.
● GREY WATER RECYCLING SYSTEM A 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 CLAUSE NO.17.4 OF C.G.D.C.R.-2017.
● SOLAR ASSISTED WATER HEATING SYSTEM SHALL BE PROVIDED AS PER THE CLAUSE NO.17.5 OF C.G.D.C.R.-2017.
● POLLUTION CONTROL SYSTEM IS PROVIDED AS PER THE CHAPTER NO.-19 OF C.G.D.C.R.-2017.
● FIRE SAFETY SYSTEM IS PROVIDED AS PER CHAPTER NO. 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 UPGRADATION OF BUILDING AS PER CHAPTER NO. 19 OF C.G.D.C.R.-2017.
● MARGINAL SPACE & BASEMENT SLAB SHALL HAVE LOAD BEARING CAPACITY OF 4000 TONNES PER SQUIRE METER SHALL BE PROVIDED AS PER CHAPTER NO. 14 OF C.G.D.C.R.-2017.
● 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.

COMMON PLOT AREA = 222.99 SMT.

PARKING AREA TABLE (IN OPEN SPACE & C.P.)

RELI. PROVI. PARKING AREA

CAR PARKING (F) 14.30 X 0.77 = 111.11

OTHER PARKING (G) (3.06+6.82)/2 X 3.32 = 016.40

(H) 04.91 X 3.39 = 016.84

(I) 22.13 X 4.00 = 088.52

(J) 20.84 X 4.00 = 083.36

(K) (1.59+1.67)/2 X 24.39 = 038.66

TOTAL 354.69

RELI. PROVI. PARKING AREA

CAR PARKING (A) 19.17 X 10.86 = 208.19

(B) 08.12 X 10.48 = 085.10

(C) 11.05 X 08.68 = 095.91

(D) 04.27 X 08.51 = 014.66

TOTAL 404.19

PARKING AREA TABLE (BLOCK-A)

RELI. PROVI. PARKING AREA

CAR PARKING (A) 19.17 X 10.86 = 208.19

(B) 08.12 X 10.48 = 085.10

(C) 11.05 X 08.68 = 095.91

(D) 04.27 X 08.51 = 014.66

TOTAL 404.19

PARKING AREA TABLE (BLOCK-B)

RELI. PROVI. PARKING AREA

CAR PARKING (A) 07.85 X 14.48 = 103.32

(B) 07.85 X 14.48 = 103.32

(C) 16.04 X 09.37 = 150.29

(D) 12.23 X 03.23 = 039.50

(E) (12.26+6.82)/2 X 28.02 = 097.43

TOTAL 427.28

PARKING AREA TABLE (BLOCK-C)

RELI. PROVI. PARKING AREA

CAR PARKING (A) 07.85 X 14.48 = 103.32

(B) 07.85 X 14.48 = 103.32

(C) 16.04 X 09.37 = 150.29

(D) 12.23 X 03.23 = 039.50

(E) (12.26+6.82)/2 X 28.02 = 097.43

TOTAL 427.28

PARKING AREA TABLE (BLOCK-D)

RELI. PROVI. PARKING AREA

CAR PARKING (A) 07.85 X 14.48 = 103.32

(B) 07.85 X 14.48 = 103.32

(C) 16.04 X 09.37 = 150.29

(D) 12.23 X 03.23 = 039.50

(E) (12.26+6.82)/2 X 28.02 = 097.43

TOTAL 427.28

PARKING AREA TABLE (BLOCK-E)

RELI. PROVI. PARKING AREA

CAR PARKING (A) 07.85 X 14.48 = 103.32

(B) 07.85 X 14.48 = 103.32

(C) 16.04 X 09.37 = 150.29

(D) 12.23 X 03.23 = 039.50

(E) (12.26+6.82)/2 X 28.02 = 097.43

TOTAL 427.28

PARKING AREA TABLE (BLOCK-F)

RELI. PROVI. PARKING AREA

CAR PARKING (A) 07.85 X 14.48 = 103.32

(B) 07.85 X 14.48 = 103.32

(C) 16.04 X 09.37 = 150.29

(D) 12.23 X 03.23 = 039.50

(E) (12.26+6.82)/2 X 28.02 = 097.43

TOTAL 427.28

PARKING AREA TABLE (BLOCK-G)

RELI. PROVI. PARKING AREA

CAR PARKING (A) 07.85 X 14.48 = 103.32

(B) 07.85 X 14.48 = 103.32

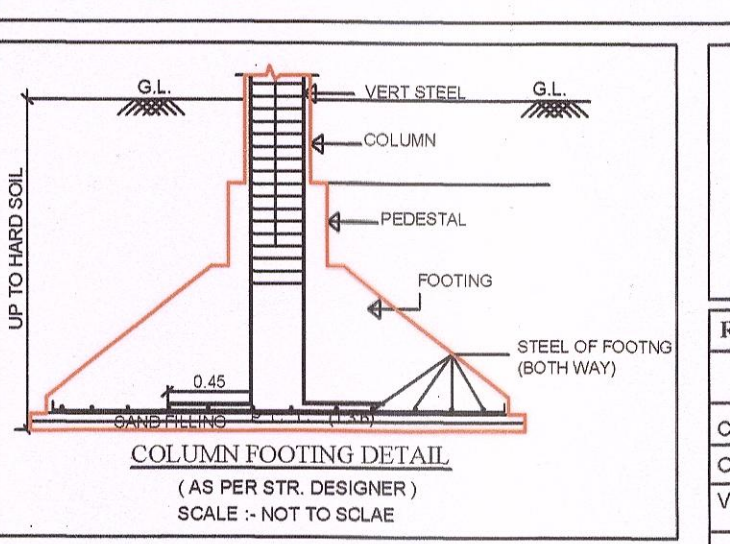
(C) 16.04 X 09.37 = 150.29

(D) 12.23 X 03.23 = 039.50

(E) (12.26+6.82)/2 X 28.02 = 097.43

TOTAL 427.28

FIRE HYDRANT LEGEND		
SR.	SYMBOL	DISCRPTION
1		FIRE HYDRANT PIPE MAIN
2		SLUICE VALVE
3		NON RETURN VALVE
4		COURT YARD HYDRANT VALVE
5		LANDING HYDRANT VALVE
6		HOSE BOX
7		FIRST AID HOSE REEL
8		AIR RELEASE VALVE
9		TWO WAY SIAMESE CONNECTION
10		RISE OR DROP



MOSQUITO - PROOF WATER TANK :-
THE WATER STORAGE TANK SHALL BE MAINTAINED THAT PERFECTLY MOSQUITO - PROOF CONDITION BY PROVIDING A PROPERLY FITTING HINGED COVER AND EVERY TANK MORE THAN 1.30 MTS. IN HEIGHT SHALL BE PROVIDING WITH A PERMANENTLY FIXED IRON LADDER TO ENABLE INSPECTION BY ANTI-MALARIA STAFF.

COMMON PLOT AREA CALC. :-

(1) (0.49+3.26)/2 X 4.82 = 009.09 SMT.

(2) AS PER PLINE AREA = 001.17 SMT.

(3) 13.32 X 5.48 X 1/2 = 036.39 SMT.

(4) 14.39 X 5.21 X 1/2 = 037.48 SMT.

(5) 13.23 X 8.86 = 117.22 SMT.

(6) 10.23 X 4.43 X 1/2 = 022.06 SMT.

TOTAL 222.99 SMT.

COMMON PLOT AREA = 222.99 SMT.

PARKING AREA TABLE (IN OPEN SPACE & C.P.)

RELI. PROVI. PARKING AREA

CAR PARKING (F) 14.30 X 0.77 = 111.11

OTHER PARKING (G) (3.06+6.82)/2 X 3.32 = 016.40

(H) 04.91 X 3.39 = 016.84

(I) 22.13 X 4.00 = 088.52

(J) 20.84 X 4.00 = 083.36

(K) (1.59+1.67)/2 X 24.39 = 038.66

TOTAL 354.69

BUILT UP AREA TABLE		
	A	B
BUILT-UP AREA ON GROUND (H.P.)	454.49	475.57
B. BUILT-UP AREA ON FIRST FLOOR	454.49	475.57
BUILT-UP AREA ON SECOND FLOOR	454.49	475.57
BUILT-UP AREA ON THIRD FLOOR	454.49	475.57
BUILT-UP AREA ON FOURTH FLOOR	454.49	475.57
BUILT-UP AREA ON FIFTH FLOOR	454.49	475.57
BUILT-UP AREA ON SIXTH FLOOR	454.49	475.57
BUILT-UP AREA ON SEVENTH FLOOR	454.49	475.57
BUILT-UP AREA ON STAIR CABIN	51.78	61.37
BUILT-UP AREA ON O.H.W.T.	38.09	38.80
BUILT-UP AREA TOTAL	3725.77	3904.73

BLOCK (SQ. MTS.)		
	A	B
BUILT-UP AREA ON GROUND (H.P.)	454.49	475.57
B. BUILT-UP AREA ON FIRST FLOOR	454.49	475.57
BUILT-UP AREA ON SECOND FLOOR	454.49	475.57
BUILT-UP AREA ON THIRD FLOOR	454.49	475.57
BUILT-UP AREA ON FOURTH FLOOR	454.49	475.57
BUILT-UP AREA ON FIFTH FLOOR	454.49	475.57
BUILT-UP AREA ON SIXTH FLOOR	454.49	475.57
BUILT-UP AREA ON SEVENTH FLOOR	454.49	475.57
BUILT-UP AREA ON STAIR CABIN	51.78	61.37
BUILT-UP AREA ON O.H.W.T.	38.09	38.80
BUILT-UP AREA TOTAL	3725.77	3904.73

F.S.I. AREA TABLE		
	A	B
F.S.I. AREA ON FIRST FLOOR	411.10	423.75
F.S.I. AREA ON SECOND FLOOR	411.10	423.75
F.S.I. AREA ON THIRD FLOOR	411.10	423.75
F.S.I. AREA ON FOURTH FLOOR	411.10	423.75
F.S.I. AREA ON FIFTH FLOOR	411.10	423.75
F.S.I. AREA ON SIXTH FLOOR	411.10	423.75
F.S.I. AREA ON SEVENTH FLOOR	411.10	423.75
TOTAL F.S.I. AREA	2877.70	2966.25

BLOCK (SQ. MTS.)		
	A	B
F.S.I. AREA ON FIRST FLOOR	411.10	423.75
F.S.I. AREA ON SECOND FLOOR	411.10	423.75
F.S.I. AREA ON THIRD FLOOR	411.10	423.75
F.S.I. AREA ON FOURTH FLOOR	411.10	423.75
F.S.I. AREA ON FIFTH FLOOR	411.10	423.75
F.S.I. AREA ON SIXTH FLOOR	411.10	423.75
F.S.I. AREA ON SEVENTH FLOOR	411.10	423.75
TOTAL F.S.I. AREA	2877.70	2966.25

TENAMENT & FLOOR AREA TABLE		
	A	B
FLOOR		
GROUND	PARKING	PARKING
FIRST	RESI.	RESI.
SECOND	RESI.	RESI.
THIRD	RESI.	RESI.
FOURTH	RESI.	RESI.
FIFTH	RESI.	RESI.
SIXTH	RESI.	RESI.
SEVENTH	RESI.	RESI.
TOTAL	RESI.	RESI.

REQ. RESI. PARKING AREA CALC.		
TOTAL USED F.S.I. AREA	= 5843.95 SMT.	
REQ. 20 % PARKING OF 5843.95	= 1168.79 SQ. MT.	
REQ. CAR PARKING SPACE @ 50 %	= 584.39 SQ. MT.	
REQ. OTHER PARKING SPACE @ 40 %	= 467.52 SQ. MT.	
REQ. VISITOR PARKING SPACE @ 10 %	= 116.88 SQ. MT.	
TOTAL = 1168.79 SQ. MT.		

RELI. PARKING		
REQ.	PROVIDED	
CAR PARKING	284.39	284.39
OTHER PARKING	116.88	116.88
TOTAL	401.27	401.27

PARKING AREA TABLE (BLOCK-A)		
RELI.	PROVI.	PARKING AREA
CAR PARKING	(A) 19.17 X 10.86 = 208.19	
OTHER PARKING	(B) 08.12 X 10.48 = 085.10	
TOTAL	293.29	

PARKING AREA TABLE (BLOCK-B)		
RELI.	PROVI.	PARKING AREA
CAR PARKING	(A) 07.85 X 14.48 = 103.32	
OTHER PARKING	(B) 07.85 X 14.48 = 103.32	
TOTAL	206.64	

PARKING AREA TABLE (BLOCK-C)		
RELI.	PROVI.	PARKING AREA
CAR PARKING	(A) 07.85 X 14.48 = 103.32	
OTHER PARKING	(B) 07.85 X 14.48 = 103.32	
TOTAL	206.64	

PARKING AREA TABLE (BLOCK-D)		
RELI.	PROVI.	PARKING AREA
CAR PARKING	(A) 07.85 X 14.48 = 103.32	
OTHER PARKING	(B) 07.85 X 14.48 = 103.32	
TOTAL	206.64	

PARKING AREA TABLE (BLOCK-E)		
RELI.	PROVI.	PARKING AREA
CAR PARKING	(A) 07.85 X 14.48 = 103.32	
OTHER PARKING	(B) 07.85 X 14.48 = 103.32	
TOTAL	206.64	

PARKING AREA TABLE (BLOCK-F)		
RELI.	PROVI.	PARKING AREA
CAR PARKING	(A) 07.85 X 14.48 = 103.32	
OTHER PARKING	(B) 07.85 X 14.48 = 103.32	
TOTAL	206.64	

PARKING AREA TABLE (BLOCK-G)		
RELI.	PROVI.	PARKING AREA
CAR PARKING	(A) 07.85 X 14.48 = 103.32	
OTHER PARKING	(B) 07.85 X 14.48 = 103.32	
TOTAL	206.64	

PARKING AREA TABLE (BLOCK-H)		
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