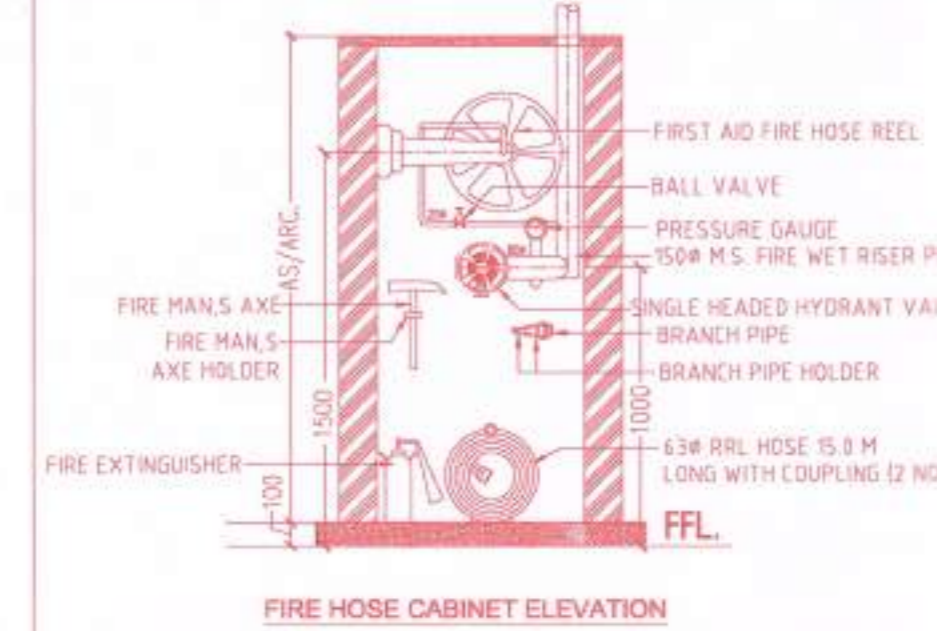
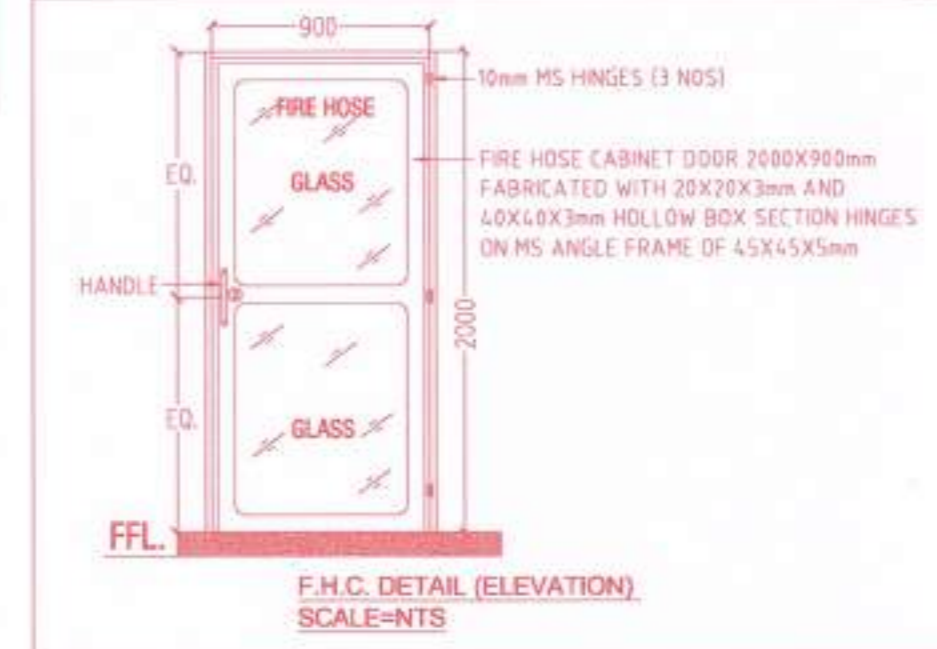
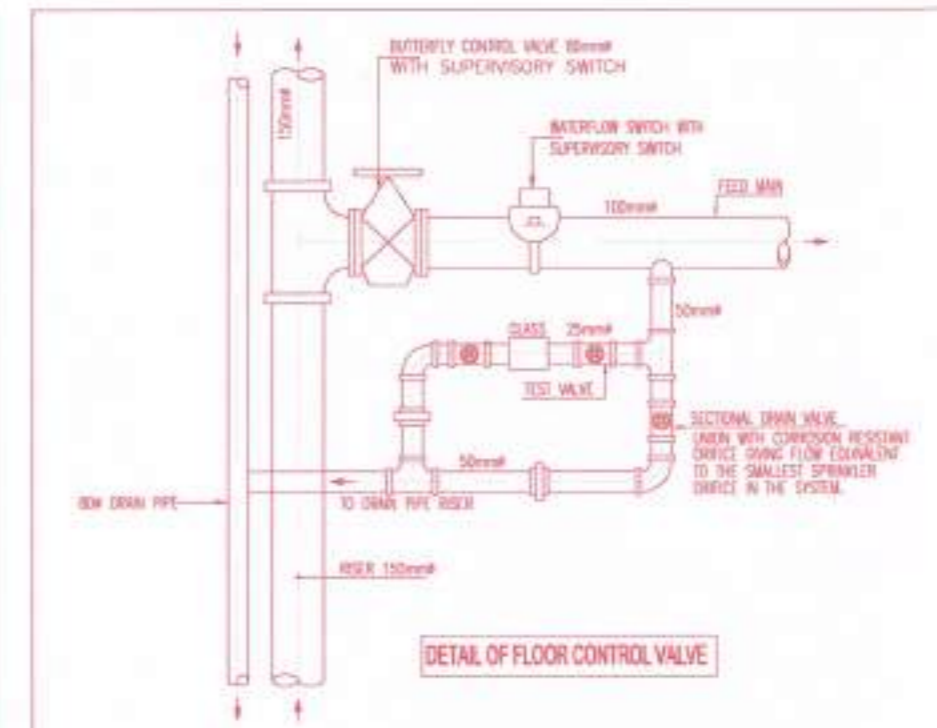


TYPICAL FLOOR PLAN (1st TO 12th FLOOR PLAN) (TOWER-B)

LEGEND FOR FIRE FIGHTING:-

①	150# SPRINKLER PIPE FOR LOWER ZONE
②	150# HYDRANT PIPE
③	80# SPRINKLER DRAIN PIPE
④	150# SPRINKLER PIPE FOR UPPER ZONE
☉	PENDANT TYPE SPRINKLER
☉	SIDE WALL TYPE SPRINKLER
☉	FIRE HOSE CABINET
☉	9 Ltr. WATER GAS PRESSURE TYPE FIRE EXTINGUISHER
☉	4.5 kg CO ₂ TYPE FIRE EXTINGUISHER
☉	SMOKE DETECTOR
☉	HEAT DETECTOR
☉	MANUAL CALL POINT
☉	HOOTER
☉	TALK BACK SYSTEM



REQUIRED REFUGE AREA AT 19TH FLOOR:-
 = ((FAR OF 18TH & 19TH FLOOR)/12.5)X0.3+0.9
 = ((464.053X2)/12.5)X0.3+0.9
 =23.174 SQ.M.
PROPOSED REFUSE AREA AT 19TH FLOOR
 = **23.18 SQ.M.**

SCHEDULE OF DOOR & WINDOWS

S.NO.	TYPE	SIZE	CILL. LVL.	LTL. LVL.
1	D	1.20 X 2.10	-	2.10 M.
2	D-1	1.0 X 2.10	-	2.10 ..
3	W	2.40 X 1.75	1.05	2.45 ..
4	W-1	1.64 X 1.75	1.05	2.45 ..
5	FCD	1.20 X 2.10	-	2.10 M.

NOTE: ALL MAIN UNIT DOORS TO BE 1HR FIRE RATED
 F.C.D DOOR TO BE 2HR FIRE RATED

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- PLEASE CO-ORDINATE THIS DRAWING WITH ALL OTHER RELEVANT DRAWINGS OF ALL THE SERVICES.
- THE SPRINKLER SHALL BE INSTALLED AS PER NBC/ANY OTHERS RELEVANT CODES & STANDARDS AS APPLICABLE.
- THE LOCATION OF SPRINKLER MAY VARY AS PER FINAL ARCHITECTURAL/CO-ORDINATION DRAWING & REFLECTED CEILING PLANS.
- SHOP DRAWINGS SHALL BE PREPARED BY THE CONTRACTOR AND SUBMITTED IN CASE OF ANY CHANGES IN LAYOUT AS PER SITE CONDITIONS.

NOTES - (FOR SPRINKLER SYSTEM)

THE SIZE OF RANGE SPRINKLER PIPES SHALL BE AS HERE UNDER :-

a)	25#	1 & 2-SPRINKLER
b)	32#	3 - SPRINKLER
c)	40#	4 & 5-SPRINKLER
d)	50#	6 TO 10-SPRINKLER
e)	65#	11 TO 27-SPRINKLER
f)	80#	28 TO 46-SPRINKLER
f)	100#	47 TO 105-SPRINKLER

SIGNING AUTHORITY

SUBMISSION DRAWING

PROJECT:-
 PROPOSED GROUP HOUSING FOR 2.1234375 ACRES (LICENCE NO.86 OF 2019 DATED 01.08.2019) FALLING IN THE REVENUE ESTATE OF VILLAGE ISLAMPUR, GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY SH. KANWAR SAIN JAIN HUF KARTA & OTHERS IN COLLABORATION WITH PRIMORIS REALTORS LLP.

DRG. TITLE:- FLOOR PLAN & AREA DETAIL (TOWER B) FIRE FIGHTING LAYOUT FIRE ALARM LAYOUT
 SCALE:- 1:100@A1 DRG. NO. FF-03
 DLT.BY:- KAMAL DATE:-29/08/2020
 ARCHITECTS:- P. N. ANDLEY B.ARCH. A.I.I.A.
 ANDLEYS ASSOCIATES PVT. LTD.
 ARCHITECTS ENGINEERS PLANNERS
 3P HOUSING SOCIETY N.D.S.E.-I NEW DELHI - 110049

PLUMBING & FIRE FIGHTING CONSULTANTS :-
PEE CONSULTANTS
 815-C, EAST OF LONI ROAD SHAHADRA, DELHI-110093
 PH: 011-22816297, 22815897
 EMAIL: pdss_lin@yahoo.com, nrcons@gmail.com

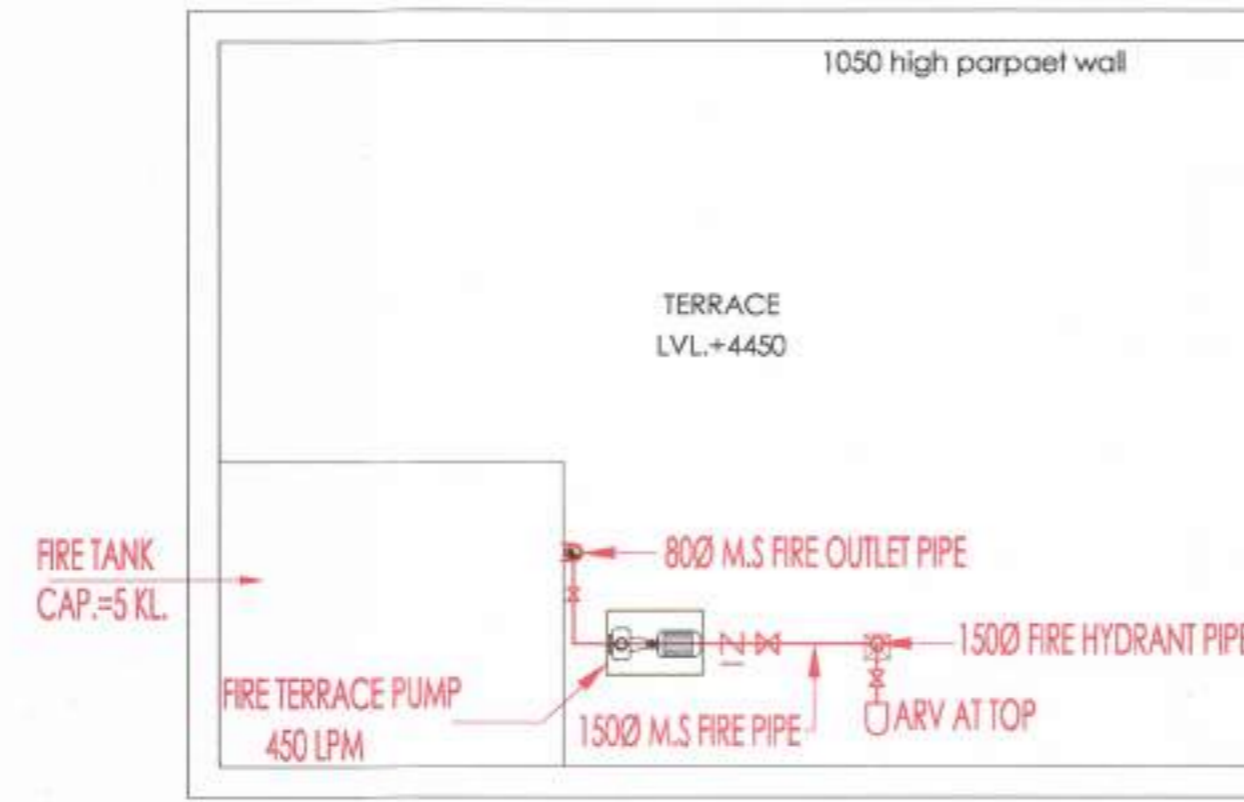
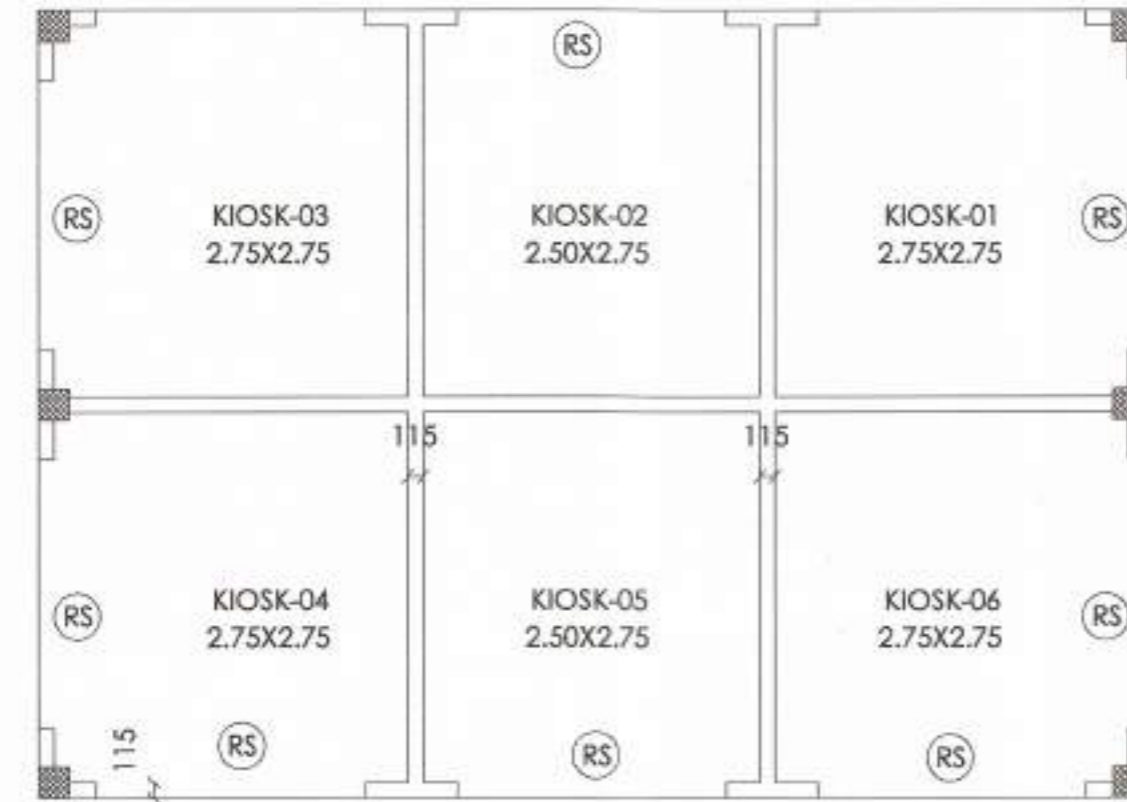
Primo
PRAMOD KUMAR
 (Fire Consultant)
 Fire Fighting - Fire Alarm - HVAC
 For PEE Consultants.

IT IS TO CERTIFY THAT THESE DRAWINGS ARE AS PER ORIGINAL DRAWINGS APPROVED BY DTDC VIDEO MEMO NO ZP-1383/SD(DK)/2020/14308 DATED 17-08-2020 EXCEPT MINOR CORRECTION AS DIRECTED BY FIRE AUTHORITY

Pankaj Nath Andley
PANKAJ NATH ANDLEY
 B.ARCH. A.I.I.A.
 ARCHITECT CA/99/24865

Primo
OWNER SIGN
 FOR PRIMORIS REALTORS LLP
Primo
 DESIGNATING PARTNER

Certified that Fire Fighting Scheme is as per N.B.C. Part-IV Revised 2016
Primo
PEE CONSULTANTS
 FSO Gurugram



LEGEND :-

S. No.	SYMBOL	DESCRIPTION
1.	⊙	SMOKE DETECTOR
2.	⊠	MANUAL CALL POINT
3.	⊞	HOOTER
4.	—	CABLE FOR FIRE
5.	- - -	CABLE FOR HOOTER
6.	⊙	HOOTER VERTICAL CONDUIT
7.	⊙	FIRE VERTICAL CONDUIT

SCHEDULE OF DOOR

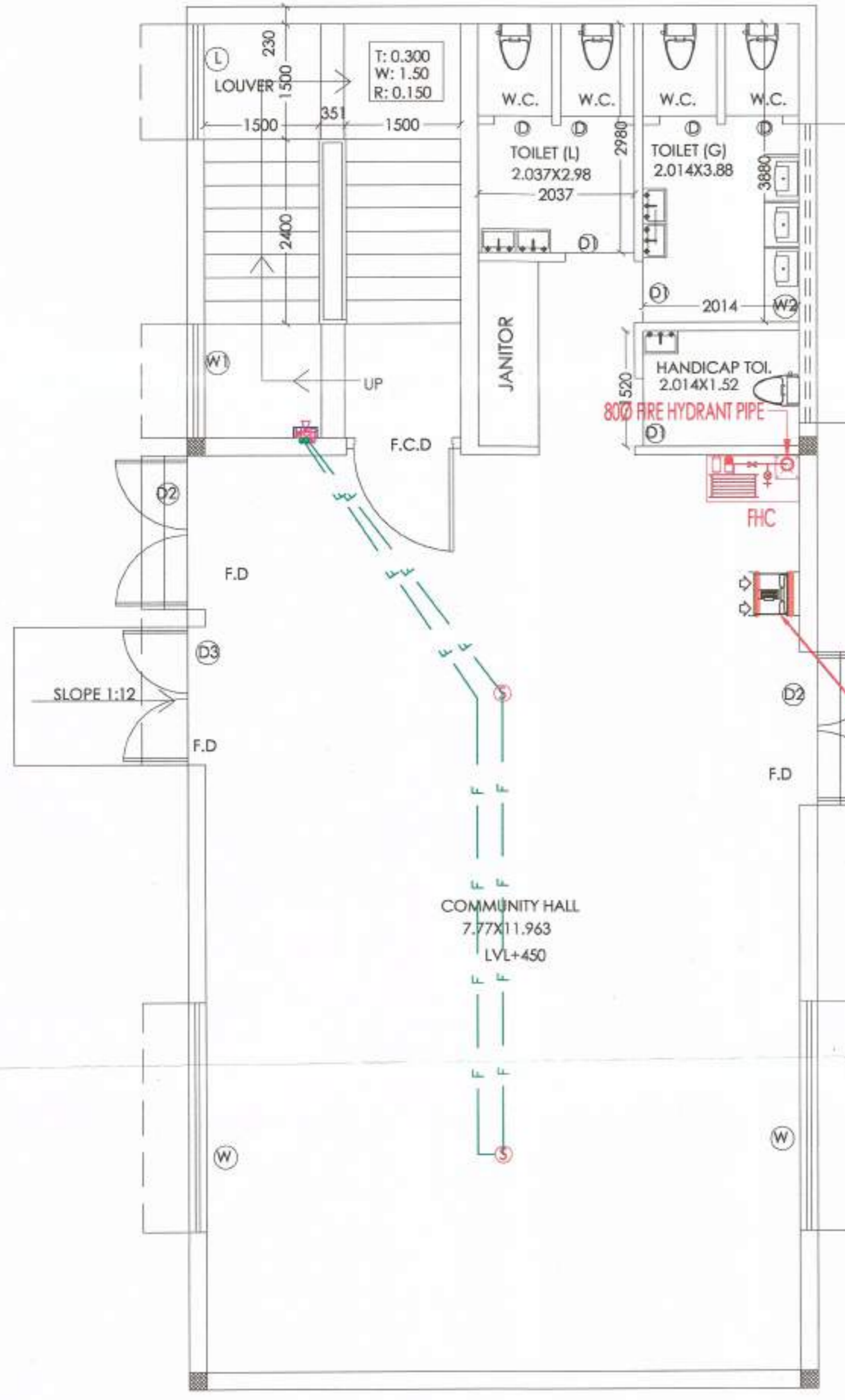
S.NO.	TYPE	SIZE	CILL. LVL.	LTL. LVL.
1	D	750 X 2100	-	2100
2	D1	900 X 2400	-	2400
3	D2	2000 X 2400	-	2400
4	D3	1800 X 2400	-	2400
5	W	3000 X 2100	300	2400
6	L	1500 X 1200	1200	2400
7	W2	3900 X 600	1800	2400

- THIS DRAWING REPRESENTS FIRE FIGHTING DETAILS ONLY. FOR ACTUAL CONSTRUCTION/FINISHING, REFER STRUCTURAL/ ARCHITECTURAL DETAILS.
- PLEASE CO-ORDINATE THIS DRAWING WITH ALL OTHER RELEVANT DRAWINGS OF ALL THE SERVICES.
- THE SPRINKLER SHALL BE INSTALLED AS PER NBC/ANY OTHERS RELEVANT CODES & STANDARDS AS APPLICABLE.
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- SHOP DRAWINGS SHALL BE PREPARED BY THE CONTRACTOR AND SUBMITTED IN CASE OF ANY CHANGES IN LAYOUT AS PER SITE CONDITIONS.

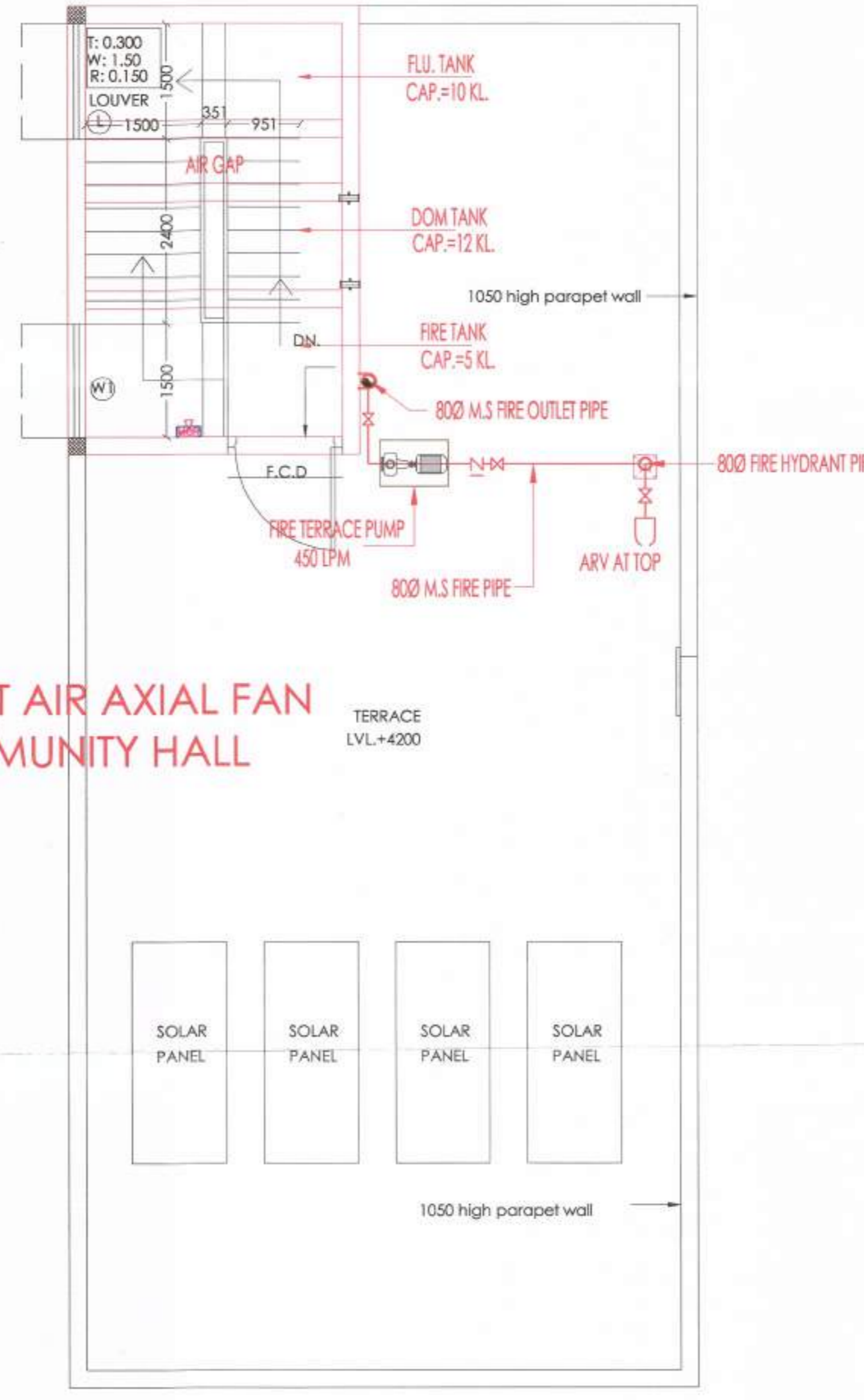
- NOTE:-**
- EACH FIRE HOSE CABINET SHALL CONSIST OF
 - 1 No. - GUNMETAL SINGLE HEADED HYDRANT VALVE (63mm)
 - 2 Nos. - FIRE HOSES 63mm 15M LONG WITH ACCESSORIES.
 - 1 No - SHORT BRANCH
 - 1 No - FIRST AID HOSE REEL
 - 2 Nos - FIRE EXTINGUISHERS
 - 1 No - FIRE MAN'S AXE.

LEGEND FOR FIRE FIGHTING:-

⊠	FIRE HOSE CABINET
⊞	9 Ltr. WATER GAS PRESSURE TYPE FIRE EXTINGUISHER
⊞	4.5 kg CO ² TYPE FIRE EXTINGUISHER
⊞	BUTTER FLY VALVE



GROUND FLOOR PLAN



TERRACE FLOOR PLAN

**1#EXHAUST AIR AXIAL FAN
SIZE=510Ø
2400CFM**

IT IS TO CERTIFY THAT THESE DRAWINGS ARE AS PER ORIGINAL DRAWINGS APPROVED BY DTDC VIDEO MEMO NO ZP-1732/SD DATED 17.08.2020 EXCEPT MINOR CORRECTION AS DIRECTED BY FIRE AUTHORITY

ARCHITECT SIGN
PANKAJ NATH
ARCHITECT

FOR PRIMORIS REALTORS LLP
DESIGNATING PARTNER

FOR PRIMORIS REALTORS LLP
OWNER SIGN

SIGNING AUTHORITY

SUBMISSION DRAWING

PROJECT:- PROPOSED GROUP HOUSING FOR 2.1234375 ACRES (LICENCE NO.6 OF 2019 DATED 01.08.2019) FALLING IN THE REVENUE ESTATE OF VILLAGE ISLAMPUR, GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY SH. KANWAR SAIN JAIN HUF KARTA & OTHERS IN COLLABORATION WITH PRIMORIS REALTORS P.L.P.

DRG. TITLE:- Fire Fighting Scheme (Above 15Mtr. Height) FLOOR PLAN (COMMERCIAL & COMMUNITY) FIRE FIGHTING LAYOUT FIRE ALARM LAYOUT

SCALE:- 1:80@A2 DRG. NO. FF-1

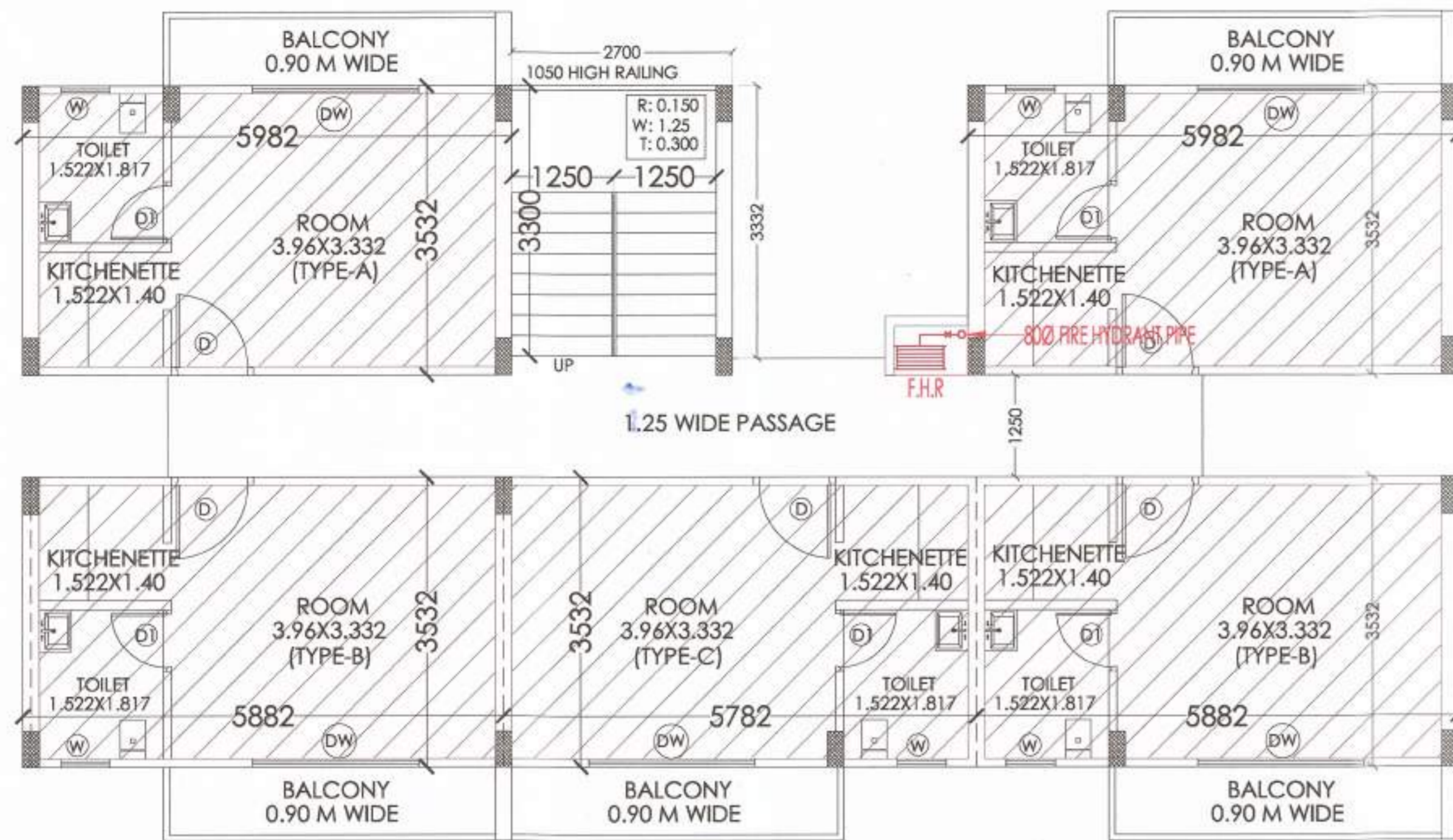
D.T. BY:- KAMAL DATE:- 29/08/2020

ARCHITECTS:- P. N. ANDLEY, B. ARCH. A.J.L.A., ARCHITECT CA/9924806

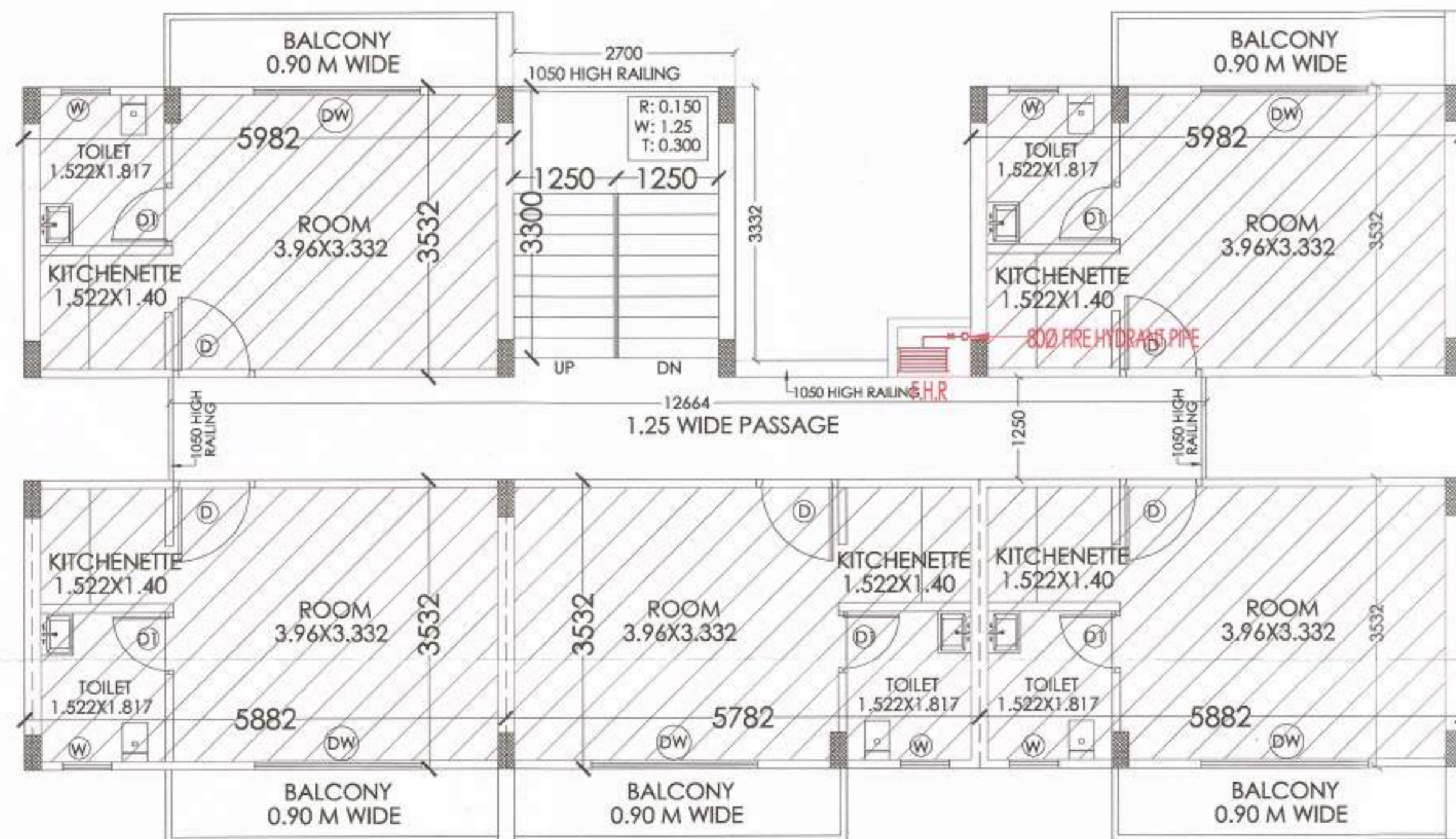
ANDLEYS ASSOCIATES PVT. LTD.
ARCHITECTS ENGINEERS PLANNERS
39 HOUSING SOCIETY N.D.S.E-1 NEW DELHI - 110049

PLUMBING & FIRE FIGHTING CONSULTANTS :-

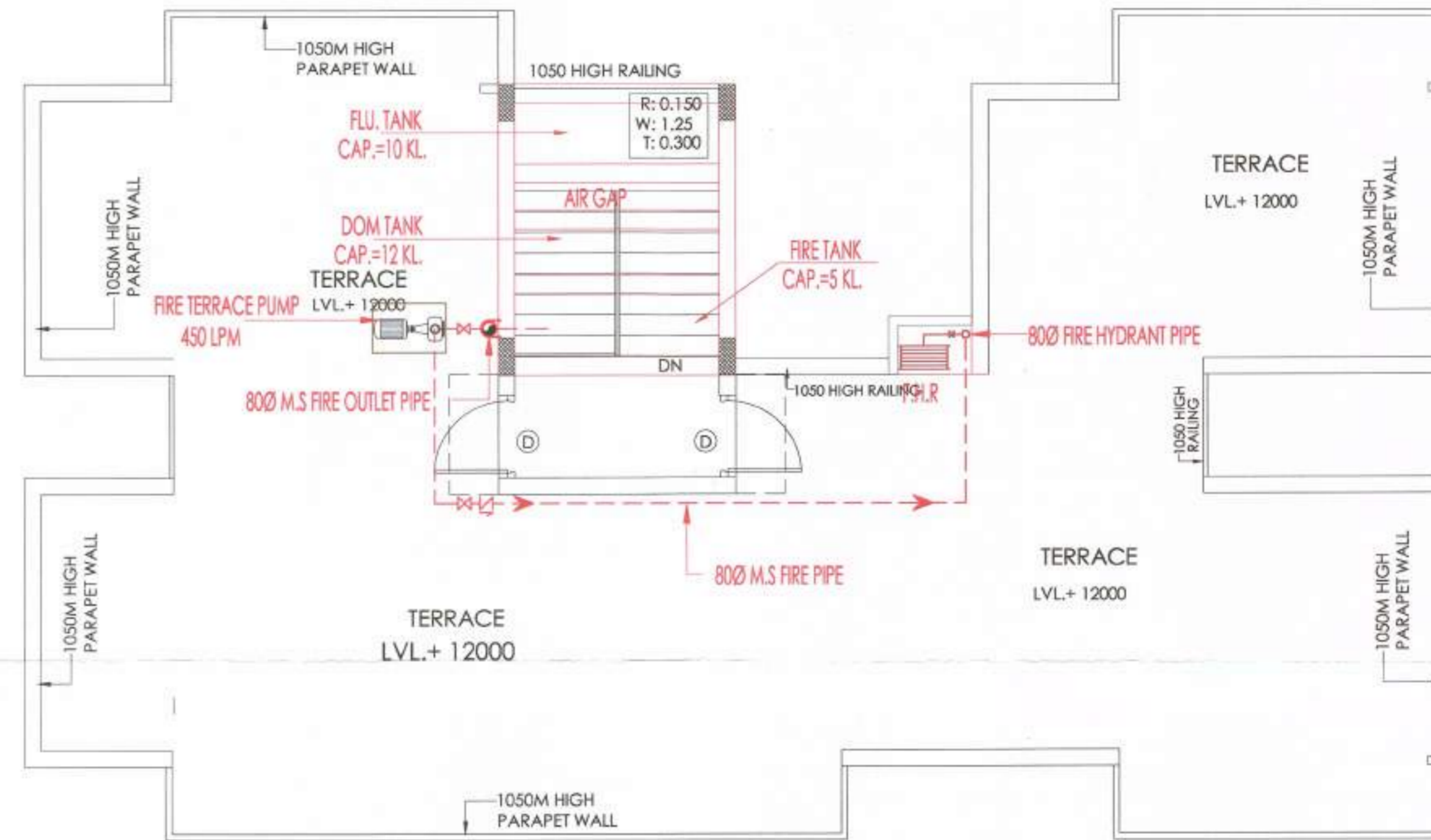
PEE CONSULTANTS
PRAMOD KUMAR
(Fire Consultant)
815-C, EAST OF LONI ROAD
SHAHADRA, DELHI-110093
PH: 011-22816297, 22815897
EMAIL: pdss_in@yahoo.com, nrcons@gmail.com



GROUND FLOOR PLAN



1st, 2nd & 3rd FLOOR PLAN



TERRACE FLOOR PLAN

1. THIS DRAWING REPRESENTS FIRE FIGHTING DETAILS ONLY. FOR ACTUAL CONSTRUCTION/FINISHING, REFER STRUCTURAL/ ARCHITECTURAL DETAILS.
2. PLEASE CO-ORDINATE THIS DRAWING WITH ALL OTHER RELEVANT DRAWINGS OF ALL THE SERVICES.
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4. THE LOCATION OF SPRINKLER MAY VARY AS PER FINAL ARCHITECTURAL CO-ORDINATION DRAWING & REFLECTED CEILING PLANS.
5. SHOP DRAWINGS SHALL BE PREPARED BY THE CONTRACTOR AND SUBMITTED IN CASE OF ANY CHANGES IN LAYOUT AS PER SITE CONDITIONS.

LEGEND FOR FIRE FIGHTING:-

	FIRE HOSE REEL
	9 Ltr. WATER GAS PRESSURE TYPE FIRE EXTINGUISHER
	4.5 kg CO ₂ TYPE FIRE EXTINGUISHER
	BUTTER FLY VALVE

IT IS TO CERTIFY THAT THESE DRAWINGS ARE AS PER ORIGINAL DRAWINGS APPROVED BY DTDC VIDEO MEMO NO ZP-1389/SD(DN)/2020/14303 DATED 17.6.2020 EXCEPT MINOR CORRECTION AS DIRECTED BY FIRE AUTHORITY

[Signature]
ARCHITECT SIGN ANDLEY
B.Arch. A.J.I.A.
ARCHITECT CA/99/24866

FOR PRIMORIS REALTORS LLP
[Signature]
OWNER SIGN

Fire Fighting Scheme (Above 15Mtr. Height)
Approved vide Letter No. *[Signature]*
ADFO
Fire Station
Gurgaon

FOR PRIMORIS REALTORS LLP
[Signature]
DESIGNATING PARTNER

SIGNING AUTHORITY
[Signature]
PANKAJ NATH ANDLEY
B.Arch. A.J.I.A.
ARCHITECT CA/99/24866

SUBMISSION DRAWING
PROJECT:-
PROPOSED GROUP HOUSING FOR 2.1234375 ACRES (LICENCE NO86 OF 2019 DATED 01.08.2019) FALLING IN THE REVENUE ESTATE OF VILLAGE ISLAMPUR, GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY SH. KANWAR SAIN JAIN HUF KARTA & OTHERS IN COLABORATION WITH PRIMORIS REALTORS P.L.P.

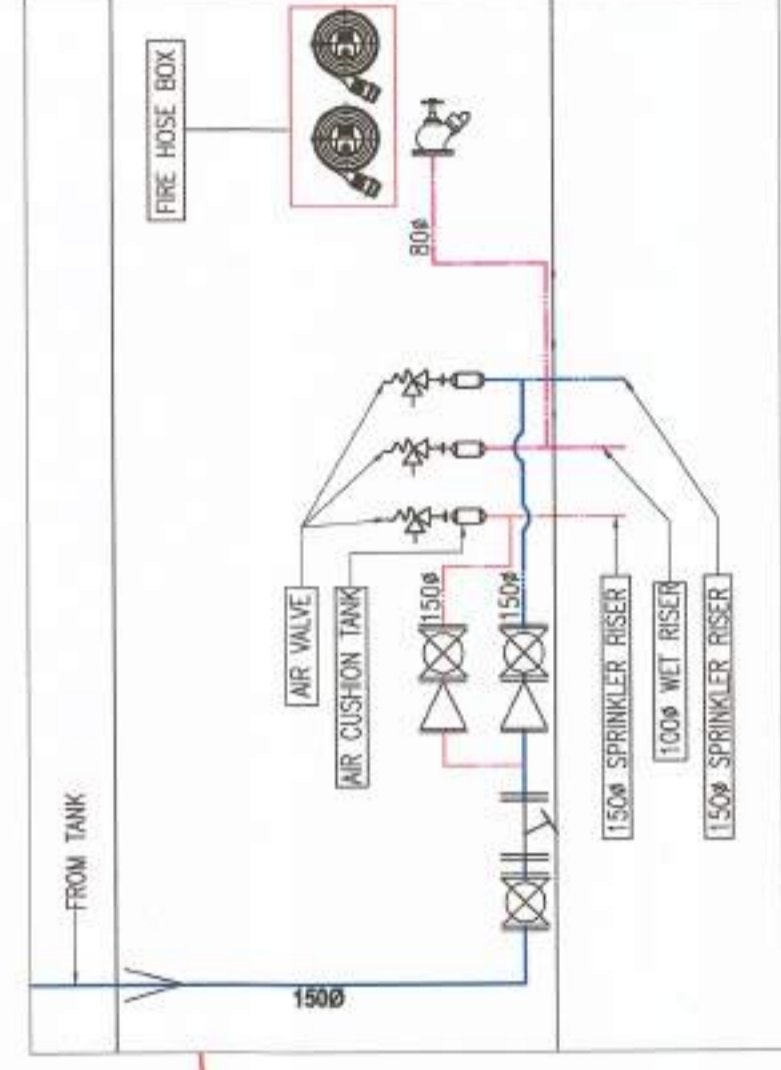
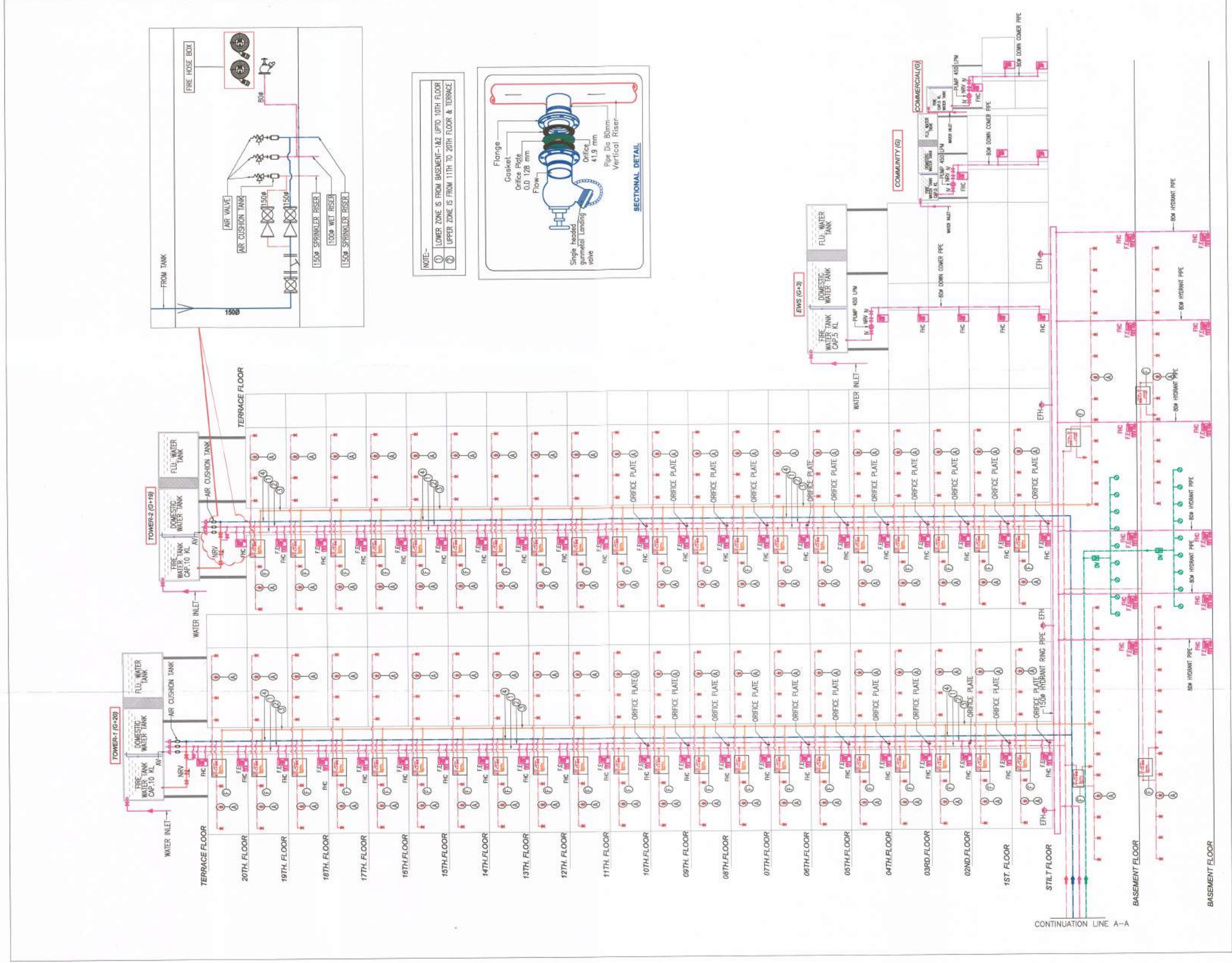
DRG. TITLE:- FLOOR PLAN (EWS) FIRE FIGHTING LAYOUT
SCALE:- 1:80@A2
DLT.BY:- KAMAL
ARCHITECTS:- P. N. ANDLEY B.Arch. A.J.I.A.
DRG. NO.-FF-01
DATE:- 28/08/2020
ARCHITECT CA/99/24866

ANDLEYS ASSOCIATES PVT. LTD.
ARCHITECTS ENGINEERS PLANNERS
39 HOUSING SOCIETY N.D.S.E-I NEW DELHI - 110049

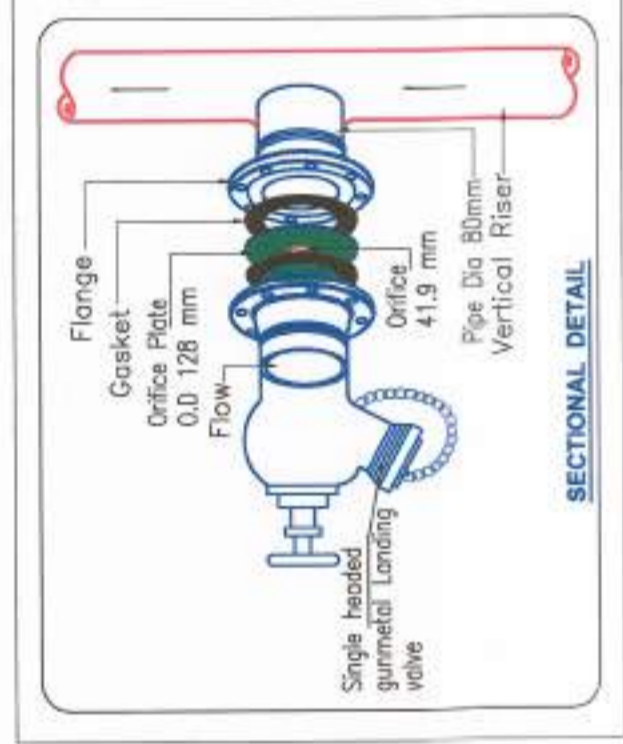
PLUMBING & FIRE FIGHTING CONSULTANTS :-
PEE CONSULTANTS
815-C, EAST OF LONI ROAD
SHAHADRA, DELHI-110093
PH: 011-22816297, 22815897
EMAIL: pdss_in@yahoo.com, nrcons@gmail.com

FOR PRIMORIS REALTORS LLP
[Signature]
DESIGNATING PARTNER

Certified that the Fire Fighting Scheme is as per N.B.C. Part-IV, Revised 2016
[Signature]
ADFO
Gurgaon



NOTE:-
 ① LOWER ZONE IS FROM BASEMENT-1&2 UP TO 10TH FLOOR
 ② UPPER ZONE IS FROM 11TH TO 20TH FLOOR & TERRACE



FIRE FIGHTING LEGENDS:-

- 150mm SPRINKLER PIPE FOR LOWER ZONE
- 100mm HYDRANT PIPE
- 80mm SPRINKLER IRVAN PIPE
- 150mm SPRINKLER PIPE FOR UPPER ZONE
- SIDE WALL/PENDANT TYPE SPRINKLER
- FLOW SWITCH

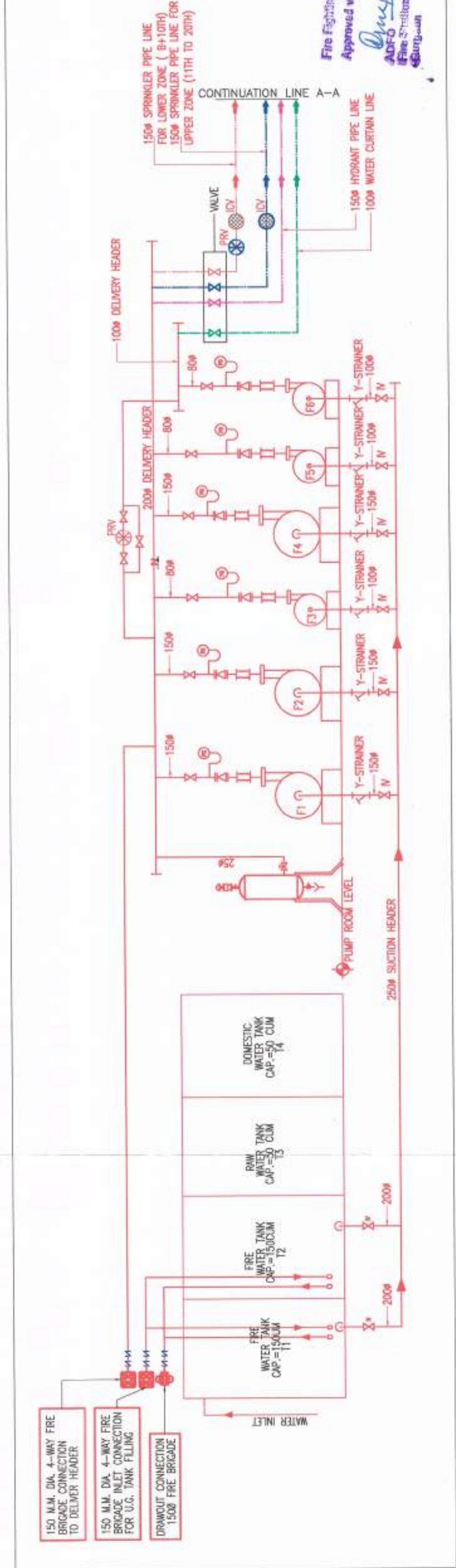
PUMPS DESCRIPTION:

PUMP	DESCRIPTION	FLOW	HEAD
F1	FIRE PUMP (DIESEL ENGINE DRIVEN)	2850 LPM	125 M
F2	MAIN FIRE PUMP (HYDRANT) (ELECTRICAL DRIVEN)	2850 LPM	125 M
F3	HYDRANT JOCKEY PUMP (ELECTRICAL DRIVEN)	180 LPM	125 M
F4	SPRINKLER PUMP (ELECTRICAL DRIVEN)	2850 LPM	125 M
F5	WATER CURTAIN PUMP (ELECTRICAL DRIVEN)	900 LPM	30 M

LEGEND:-

S.NO.	DESCRIPTION	SYMBOL
1.	BUTTERFLY VALVE	SV IV
2.	NON RETURN VALVE	NRV
3.	HYDRANT VALVE	HV
4.	SPRINKLER	SP
5.	WATER CURTAIN NOZZLE	WCN
6.	PRESSURE GAUGE	PG
7.	EXTERNAL FIRE HYDRANT	EFH
8.	AIR CUSHION TANK	ACT
9.	Y-STRAINER	YS
10.	DELUGE VALVE	DV
11.	INSTALLATION CONTROL VALVE	ICV
12.	PRESSURE REDUCING VALVE	PRV
13.	ORIFICE PLATE	OP

ALL AS PER THE DRAWINGS ARE AS PER ORIGINAL DRAWINGS APPROVED BY DDC
 VEDANT MEHRA
 ARCHITECT
 EXCEPT WHERE CORRECTION AS DIRECTED BY THE AUTHORITY
 ARCHITECT SIGN
 OWNER SIGN



SIGNING AUTHORITY
 FOR PRAMOD'S REALTORS LLP
 DESIGNATING PARTNER
 ARCHITECT'S SIGN
 ARCHITECT'S SIGN
 ARCHITECTS SIGN
 DATE: 30/08/2020
 DRG. NO: F-02

PROPOSED GROUP HOUSING FOR 2.1284375 ACRES (LICENCE NO.88 OF 2019 DATED 01.08.2019) BELONGING TO THE MANASAR URBAN COMPLEX BEING DEVELOPED BY SH. KANWAR SAIN JAIN HUF KARTA & OTHERS IN COLLABORATION WITH PRAMODS REALTORS LLP.

PLUMBING & FIRE FIGHTING CONSULTANTS :-
 PRAMOD KUMAR (Fire Consultant)
 Fire Fighting, Fire Alarm, H.W.S. For P&E Consultants.
 15-C, EAST OF LONI ROAD, SHAHADRA, DELHI-110093
 TEL: 011-22816297, 22815897
 EMAIL: pds_in@yahoo.com, nrcones@gmail.com

From:

Director,
Fire Service, Haryana,
Panchkula

To:

The Chief Town Planner-com-
Chairman Building Plan Approval Committee
O/o The Director,
Town & Country Planning, Haryana
Chandigarh

Memo No- DGFS/SF/2020/389/

2935

dated-

15/1/20

Subject:


Approval of building plan of group housing colony over an area measuring 2.1234375 acres (Licence No. 86 of 2019 dated 01.08.2019) falling in the revenue estate of Village Islampur, Gurugram, Sector-33, Gurugram Manesar Urban Complex being developed by Sh. Kanwar Sain Jain HUF Karta & Others in collaboration with Primoris Realtors LLP.

Kindly refer to your office Enclst. No- ZP-1383/JD(NC)/2019/31722, dated- 23.12.2019 on the subject cited above.

The building plans with fire drawings in respect of subject cited building has been examined in this office from fire safety point of view (Architecture point of view) as per provision of National Building code of India 2016 Part- IV, wherein certain observations as notice were conveyed to the firm. The firm has rectified the observation and now found in order.

In view of the above this Office has No Objection for the approval of building plans (Architecture point of view only) subject to the following conditions:

1. The firm shall submit a detailed fire fighting scheme as per National Building Code of India 2016 within 90 days from the date of issuance of building plan approval or before start of construction clearly showing the provisions mentioned in the National Building Code 2016 with questionnaire, DBR of Fire, Ventilation & Electrical System etc. and get approve the same from the Director, Fire Service, Haryana, Panchkula through concerned local authority as per the section 15 of Haryana Fire Service Act-2009 and direction issued time to time if any.
2. Overhead & underground water tanks provided for fire fighting shall be so constructed in such a way that the domestic water tank shall filled from overflow of the fire Water tanks.
3. The No. and Width of staircase shall be as per provision of National Building Code of India 2016 made with the specified material enabling it non-slippery and fire resistant.
4. Refuge areas shall be strictly provided as per norms specified in National Building Code of India 2016.
5. The approval by this office doesn't absolve the firm from his responsibility from all consequences, in case of fire due to any deficiencies or anything remains un-noticed the Authority reserves the right to amend the Plans/Fire Fighting Scheme as and when any such infringements comes to notice after giving an opportunity of being heard and the Authority shall stand indemnified against any claim on this account.
6. The approach to the building and open spaces on all its sides shall be not less than 6 mtr. in width, and a turning radius of minimum 9 mtr. shall be provided for fire tender movement of fire tenders weighing up to 45 mtr.
7. In case of mix occupancy, Independent exits shall be provided for such occupancy above 30 mtr. and shall not interface with exits of assembly/mercantile occupancy.
8. Compartmentation shall be provided in the basement if the area is more than 3000 Sq mtr. shall be made.
9. Refuge area to be provided on the floor at or immediately above 18 m shall be not less than 10 percent of gross area of floor. Next refuge area to be at/on the floor immediately above 24 m. The refuge area shall be 10 percent of the respective floor, which may be divided into two or more separate refuge areas at each of the respective floors, with each being not less than 100 m².


Deputy Director (Tech.),
for Director, Fire Service,
Haryana, Panchkula