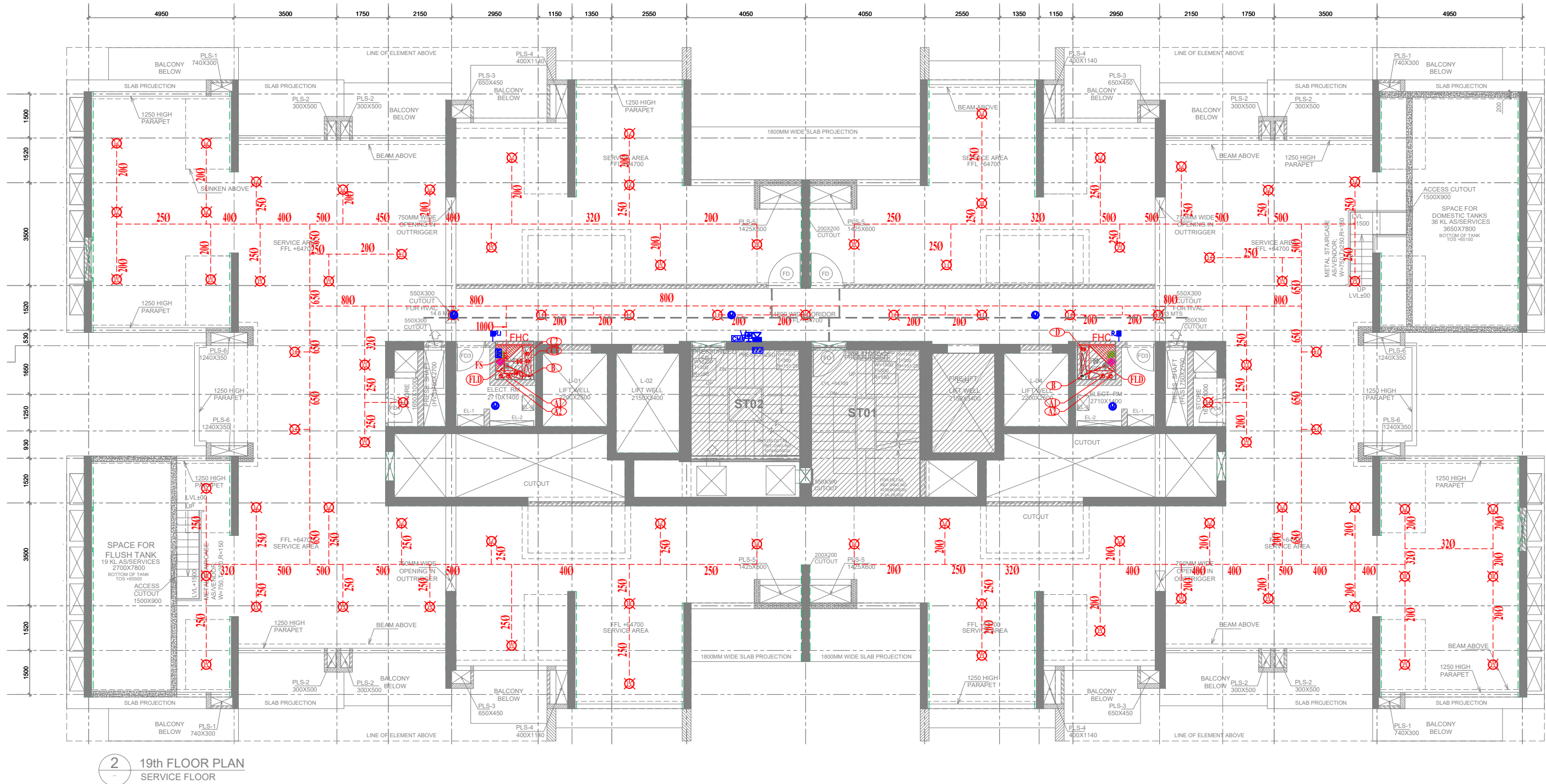
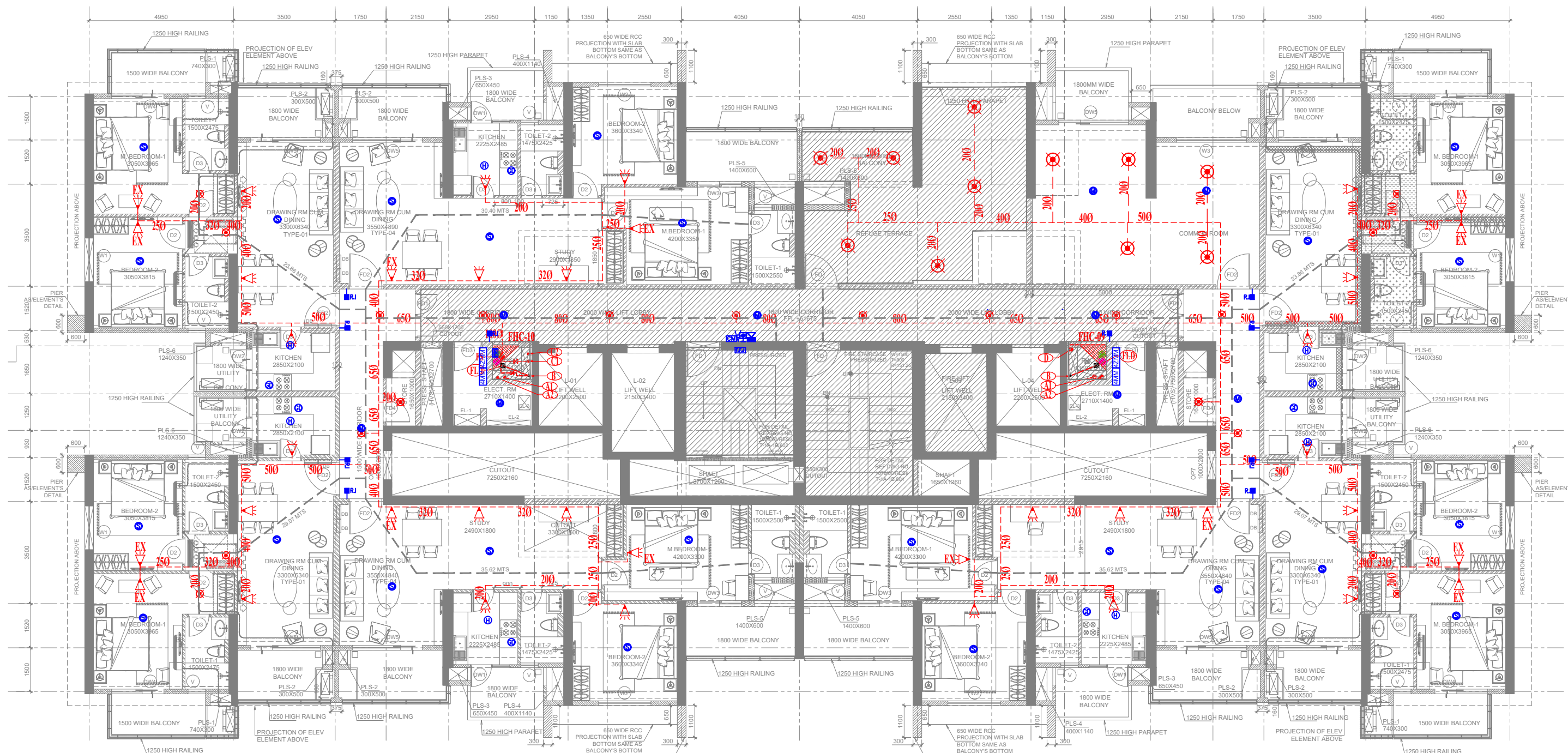




2 19th FLOOR PLAN
SERVICE FLOOR



1 18th FLOOR PLAN
REFUGE FLOOR

FIRE LEGEND:-	
BRANCH LINE	1500 SPRINKLER PIPE
⊗	PENDENT SPRINKLER
<E>	EXTENDED THROW SIDE WALL SPRINKLER
<E>	SIDE WALL SPRINKLER
⊗	UPRIGHT SPRINKLER
FS	FLOW SWITCH
FHC	FIRE HOSE CABINET
X	VALVE
CO2	CO2 FIRE EXTINGUISHERS 4.5KG.
W.T.	9 Ltr. WATER CO2 FIRE EXTINGUISHER
FD	FIRE DOOR
LD	LOCK DOWN

GENERAL NOTES:
1. DRAWINGS IN PL & FF SERIES REPRESENTS PLUMBING AND FIRE SUPPRESSION SYSTEM DETAIL.
2. IN CASE OF ANY DISCREPANCY IT SHOULD BE BROUGHT TO THE NOTICE OF ARCHITECT / PROJECT MANAGER CONSULTANT.
3. DRAWING SHOULD NOT BE SCALED.
4. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL, LAND SCAPING, STRUCTURAL AND OTHER SERVICES DRAWING.
5. ALL SERVICES SHALL BE INSTALLED AT EVERY FLOOR LEVEL.

FIRE LEGEND:-	
A	1000 PRE-HYDRANT PIPE LOW ZONE (M.S. PIPE CLASS-C)
B	1000 SPRINKLER PIPE LOW ZONE (M.S. PIPE CLASS-C)
C	650 DOWN PIPE (M.S. PIPE CLASS-B)
D	1000 PRE-HYDRANT PIPE HIGH ZONE (M.S. PIPE CLASS-C)
E	1000 SPRINKLER PIPE MID ZONE (M.S. PIPE CLASS-C)
F	1000 PRE-HYDRANT PIPE MID ZONE (M.S. PIPE CLASS-C)
G	1000 SPRINKLER PIPE HIGH ZONE (M.S. PIPE CLASS-C)
H	1000 M.S. PIPE FOR LANDING VALVE (M.S. PIPE CLASS-C)
I	1000 M.S. PIPE FOR FIRE HOSE REEL (M.S. PIPE CLASS-C)
J	1000 ALTERNATE SPRINKLER RISER FOR LOW ZONE (M.S. PIPE CLASS-C)
K	1000 ALTERNATE SPRINKLER RISER FOR MID ZONE (M.S. PIPE CLASS-C)
L	1000 ALTERNATE SPRINKLER RISER FOR HIGH ZONE (M.S. PIPE CLASS-C)
M	1000 MAKE UP LINE (M.S. PIPE CLASS-C)

SCHEDULE OF SPRINKLER PIPE SIZES	
PIPE SIZES	NO. OF SPRINKLERS
200 MM	1
250 MM	2-3
320 MM	4-5
400 MM	6-8
500 MM	9-15
650 MM	16-35
800 MM	36-69
1000 MM	70-150
1500 MM	ABOVE 115

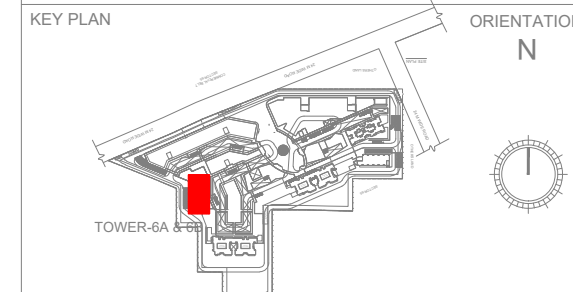
LEGEND	
S.NO	DESCRIPTION
1	HOSTER (CONVENTIONAL)
2	SPRINKER (WALL MOUNTED)
3	SPRINKER (RECESSED MOUNTED)
4	ADDRESSABLE MANUAL CALL POINT
5	MULTI-TYPE DETECTOR (ON ROOF / CEILING / ADDRESSABLE)
6	CONVENTIONAL (TRUE HEAT DETECTOR) DETECTOR
7	MULTI-TYPE DETECTOR (TRUE CEILING) (ADDRESSABLE)
8	MULTI-TYPE DETECTOR (TRUE CEILING) (CONVENTIONAL)
9	MONITOR MODULE (ADDRESSABLE)
10	CONTROL MODULE (ADDRESSABLE)
11	FIRE FIGHTING JACK
12	RESPONSE INDICATOR
13	RELAY MODULE (ADDRESSABLE)
14	BEAM DETECTOR
15	4 ZONE MONITOR MODULE (ADDRESSABLE)
16	GAS LEAK DETECTOR (CONVENTIONAL)
17	4 WAY MONITOR MODULE (ADDRESSABLE)

NOTE:-
THIS IS TO CERTIFY THAT THESE DRAWING ARE AS PER PER ORIGINAL DRAWING PASSED BY TOWN AND COUNTRY PLANNING VIDE MEMO NO. ZP-1145-VIS-RUD(RA)/2022/27914 DATED 16-12-2022
ARCHITECT: _____ OWNER: _____

FIRE CONSULTANTS
P. VIDYA AND ASSOCIATES

FIRE SUBMISSION

NOTES:
• ALL LIFTS SHALL HAVE 1000V POWER BACK-UP.
• FIRE-FIGHTING / SAFETY PROVISIONS SHALL BE AS PER RELEVANT NBC PROVISIONS.
• BASEMENT AREA SHALL HAVE MECHANICALLY VENTILATED AS PER RELEVANT CODE.
• ALL TOILETS ARE VENTILATED AS PER HANDBOOK BUILDING CODE 2021.
• BUILDING HAS AUTOMATIC SPRINKLER SYSTEM WHEREVER REQUIRED BY NBC.
• BUILDING WILL BE ASSIGNED STRUCTURES AS PER RELEVANT NBC CODES FOR EARTHQUAKE RESISTANCE.
• ALL HIGH RISE BUILDING ARE INTERCONNECTED THROUGH CORRIDOR / BRIDGES.
• SOLAR PANELS OF REQUIRED CAPACITY SHALL BE PROVIDED ON ROOF TOP AS PER HANDBOOK BUILDING CODE.
• ON ON EXTERNAL WALL TOWARD BALCONY SIDE IN ANY ONE OF THE ROOMS IN RESIDENTIAL APARTMENT SHOULD BE IN 1 HR. FIRE RATED WITH PROVISION OF SPRINKLER ON INTERNAL SIDE OF THE SAME WALL.
• ALL HANDICAP RAMP WITH RAILING.



PRINCIPAL ARCHITECT:
ACPL
Architecture Management Planning
ACPL Design Ltd
E-24 South Extension-1
New Delhi-110048
T: +91 11 24620148
F: +91 11 24620149
C: +91 11 24620148

PROJECT:-
REVISED BUILDING PLANS OF MIXED LAND USE COLONY (70% RESIDENTIAL + 30% COMMERCIAL) MEASURING 14.4125 ACRES (LICENCE NO. 15 OF 2017 DATED-02.05.2017) UNDER TOD POLICY DATED 09.02.2016 IN SECTOR-65, GURUGRAM BEING DEVELOPED BY MANGLAM MULTIPLEX PVT. LTD.

OWNER/AUTH: SIGNATURE _____ ARCHITECT'S SIGNATURE _____
DRAWING TITLE

18TH & 19TH FLOOR PLAN (TOWER-6A-6B)
FIRE FIGHTING SCHEME