

LEGEND
SHARE WALL & COLUMN
WALL BLOCKWORK

NOTE
MINIMUM DISTANCE FROM SPRINKLER TO SPRINKLER IS 2 MTR
MINIMUM DISTANCE FROM WALL TO SPRINKLER IS 0.6 MTR
MAXIMUM DISTANCE FROM GLASS FACADE TO SPRINKLER IS 0.6 MTR
MAXIMUM DISTANCE FROM DEADENED TO INTERNAL FHC IS 30MTR

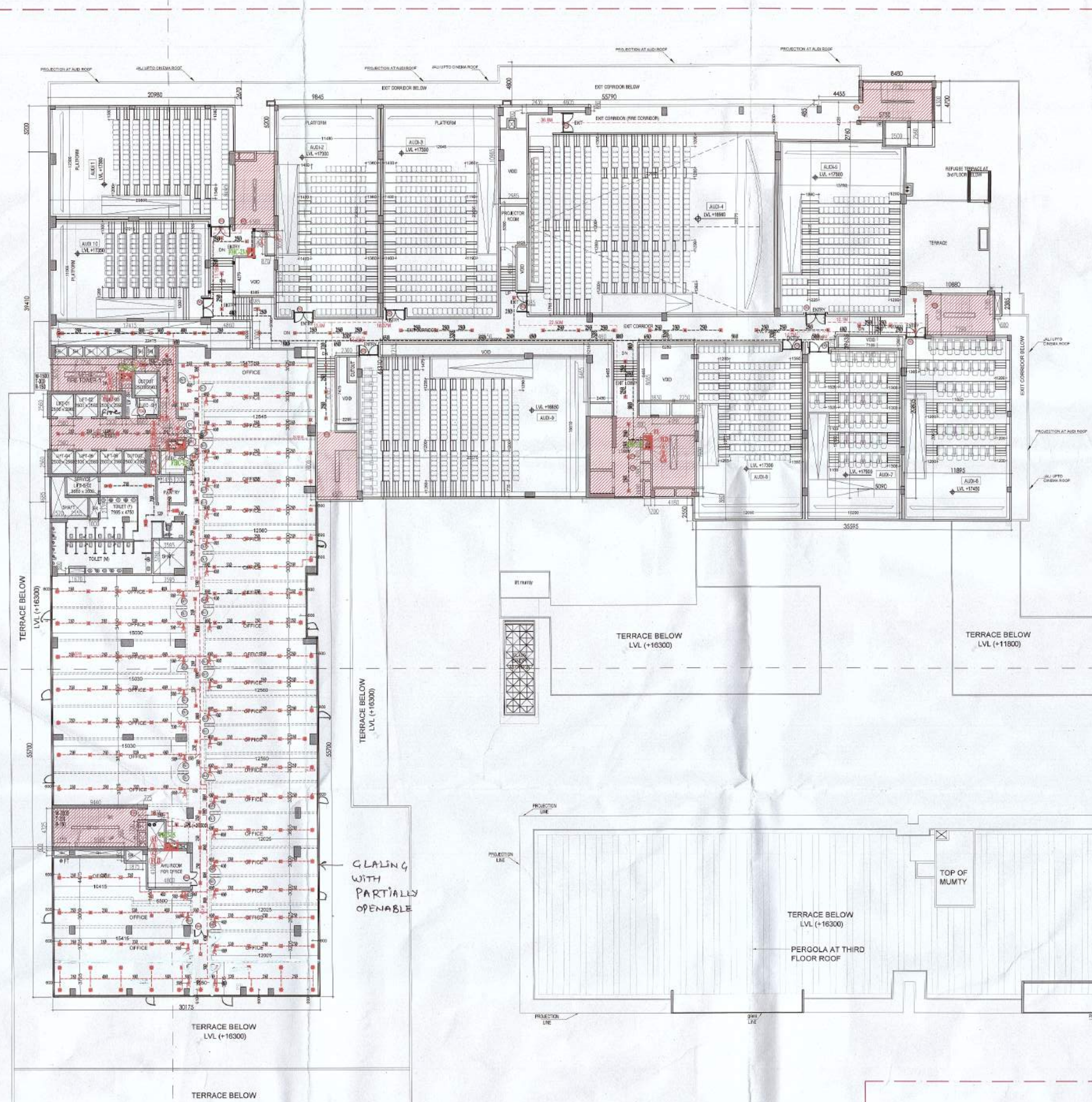
FIRE LEGEND:-

- 1. TWO FIRE EXTINGUISHING LOW ZONE (UP TO 10 FLOORS)
- 2. TWO FIRE EXTINGUISHING LOW ZONE (UP TO 10 FLOORS)
- 3. TWO FIRE EXTINGUISHING LOW ZONE (UP TO 10 FLOORS)
- 4. TWO FIRE EXTINGUISHING LOW ZONE (UP TO 10 FLOORS)
- 5. TWO FIRE EXTINGUISHING LOW ZONE (UP TO 10 FLOORS)
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- 100. TWO FIRE EXTINGUISHING LOW ZONE (UP TO 10 FLOORS)

GENERAL NOTES:

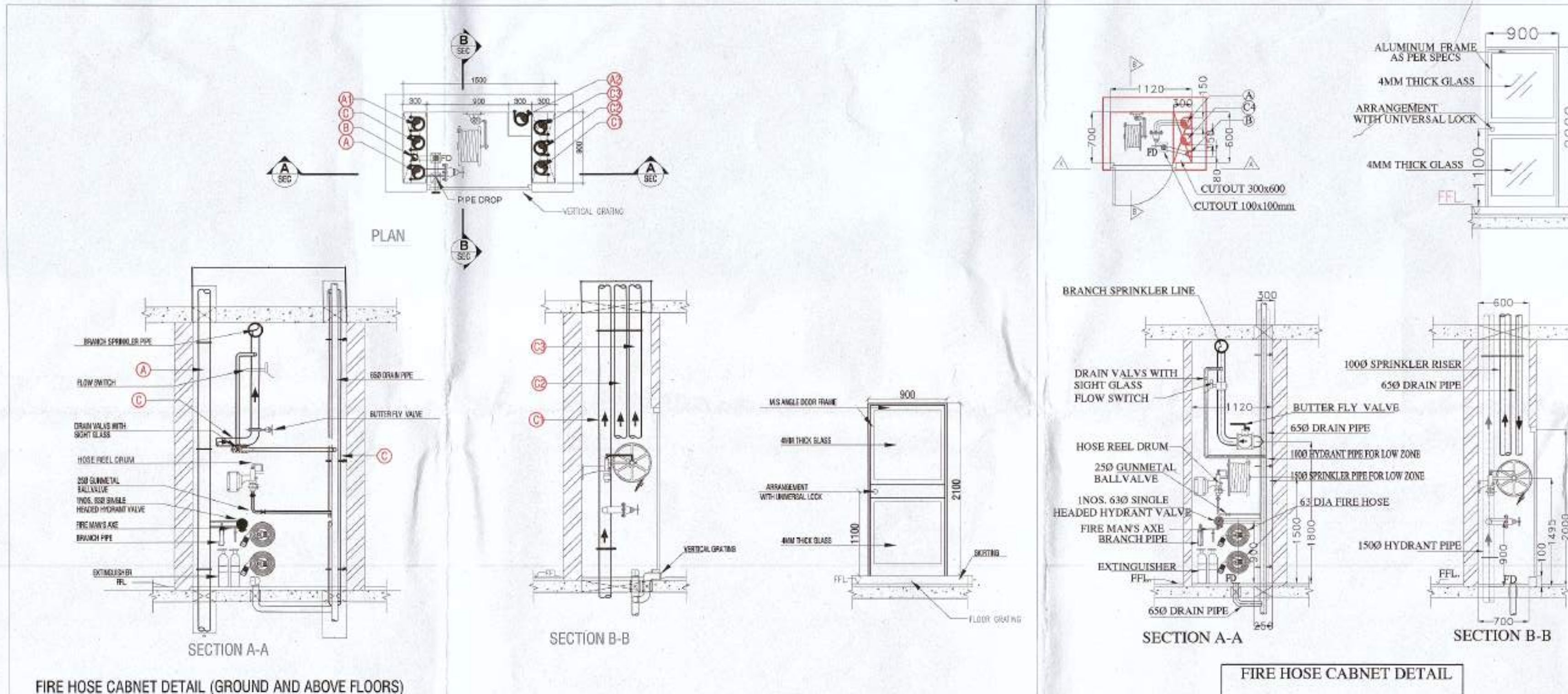
1. DRAWINGS IN PL & FF SERIES REPRESENTS PLUMBING AND FIRE SUPPRESSION SYSTEM DETAIL.
2. IN CASE OF ANY DISCREPANCY IT SHOULD BE BROUGHT TO THE NOTICE OF ARCHITECT / PROJECT MANAGER / CONSULTANT.
3. DRAWING SHOULD NOT BE SCALED.
4. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL,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

STAIRCASE CALCULATION FOR AUDI 3RD & 4TH FLOOR
AS PER NBC - 2 NOS. OF DEDICATED STAIRCASE REQUIRED
TOTAL OCCUPANTS LOAD = 1595 X 1.2 = 1914 NOS. (PERSONS)
TOTAL AREA FOR COMMON AREA = 815 SQM
OCCUPANT LOAD @ 10 SQM FOR OCCUPANT = 81.5 NOS
SAY = 82 NOS. (PERSONS)
TOTAL OCCUPANT FOR ONE FLOOR = 1914 + 82 = 1996 PERSONS
TOTAL STAIRCASE WIDTH REQUIRED @ 260MM
NO. OF OCCUPANTS X 10 MM = 1996 X 10 = 19960MM
TOTAL PROPOSED NO. OF STAIRCASES = 5 NOS
@ 2000MM SAY = 2600 X 5 = 13000MM



STAIRCASE CALCULATION FOR AUDI
WIDTH OF STAIRCASE = 2 mtr.
TOTAL NO. OF STAIRCASE = 5.0 NOS.
PROPOSED WIDTH/FLOOR = 10 mtr.
TOTAL OCCUPANT LOAD = 1595 X 1.2 (REF. ANNEXURE)
= 1914 NOS. ON TWO TRAVELS
CONSIDER HALF NOS. OF EACH FLOOR = 957 NOS.
OCCUPANT EXIT WIDTH = 10 mm
REQUIRED EXIT WIDTH = 9570 mm
PROPOSED EXIT WIDTH = 10000 mm

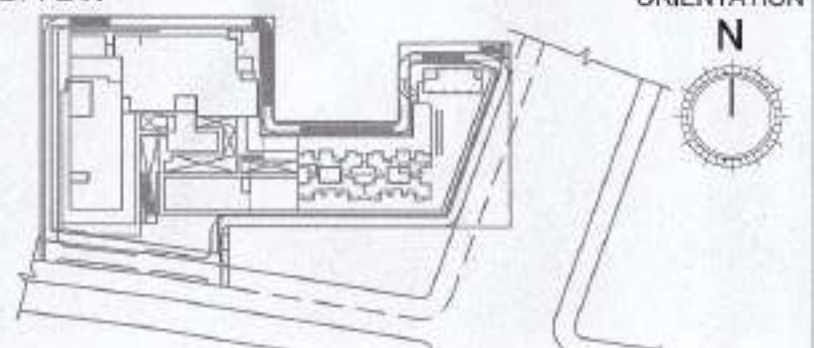
FOURTH FLOOR PLAN



DOOR & WINDOW SCHEDULE			
TYPE	SIZE	CELL	UNITS
D	2200 X 2400	00	2400
D1	1000 X 2400	00	2400
D2	750 X 2400	00	2400
D2A	900 X 2400	00	2400
D2B	900 X 2400	00	2400
D3	750 X 2100	00	2400
TD	1800 X 2400	00	2400
FH1	900 X 2400	00	2400
FD1	1200 X 2400	00	2400
FD2	1200 X 2400	00	2400
FD4	1200 X 2400	00	2400
FD5	1000 X 2400	00	2400
FD5B	900 X 2400	00	2400
FD2C	2250 X 2400	00	2400
FD2B	2130 X 2100	00	2100
FH1	1800 X 2100	00	2100
FH3A	900 X 2100	00	2100
GL1	1200 X 3000	00	3000
GL2	1500 X 3000	00	3000
DC	2200 X 2400	00	2400
DW	3300 X 2400	00	2400
DW1	2500 X 2400	00	2400
DW2	1650 X 2400	00	2400
W1	600 X 2250	150	2400
W2	700 X 1800	600	2400
W3	600 X 2250	150	2400
GD	1500 X 3000	00	3000
GD1	1200 X 3000	00	3000

FIRE SUBMISSION

- NOTES:
 - ALL LIFTS SHALL HAVE 100% POWER BACKUP
 - ALL ELECTRICAL INSTALLATIONS SHALL BE AS PER PROVISION OF NBC
 - 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 HARYANA BUILDING CODE 2012
 - BUILDING HAS AUTOMATIC SPRINKLER SYSTEM INSTALLED AS PER NBC
 - BUILDING WILL BE CONSIDERED AS STRUCTURE AS PER RELEVANT IS CODES FOR EARTHQUAKE RESISTANCE
 - ALL NEW FIRE BUILDINGS ARE INTERCONNECTED THROUGH CORRIDOR / PASSAGES
 - SOLAR PANELS OF REQUIRED CAPACITY SHALL BE PROVIDED ON ROOF TOP AS PER HANDBOOK 2018
 - ONE EXTERNAL WALL TOWARDS BALCONY SIDE IN ANY ONE OF THE ROOMS IN RESIDENTIAL WING SHOULD BE 3.0 M. WALL PAINTED WITH PROVISION OF SPRINKLER ON INTERNAL SIDE OF THE SAME WALL
 - ALL HANDICAP RAMP WITH RAILING
 - BUILDING IS MECHANICALLY VENTILATED & FULLY AIR CONDITIONED



PRINCIPAL ARCHITECT:
ACPL
ACPL Design Ltd
ISO 9001:2008
Architectural
Management
Planning
E-24, B-24, Gurgaon - 1
New Delhi 110001, India
T: +91 11 24621700
F: +91 11 24621701
www.acplindia.com
E: contact@acplindia.com

PROJECT:
REVISED BUILDING PLAN OF MIXED LAND
USE COLONY UNDER TDP POLICY
IN COMMERCIAL ZONE (70% COMMERCIAL
AND 30% RESIDENTIAL) MEASURING
7.44375 ACRES (LIECENCE NO. 121 OF 2008
DATED 14-06-2008) IN SECTOR-74 BEING
DEVELOPED BY PROMPT ENGINEERING PVT.
LTD. SURUGRAM, MANESAR URBAN COMPLEX.

OWNER AUTH. SIGNATURE ARCHITECT'S SIGNATURE
DRAWING TITLE
FOURTH FLOOR CEILING PLAN
FIRE FIGHTING LAYOUT
DRAWING NO. FF-11 SCALE: 1:250

PIE CONSULTANTS
C P VIVEK AND ASSOCIATES

KULMEET SHANU
ARCHITECT
CA/9721715