

1 2ND FLOOR LIFE SAFETY PLAN  
AG002 1200

LIFE SAFETY PLAN KEYNOTES

1. EXISTING CORRIDOR AND DEMISING WALL TO REMAIN TO BE 45 MIN. FIRE RESISTANCE RATED, CONFORMING TO ULC DESIGN U413 OR U453.

CORRIDOR AND DEMISING PARTITIONS ARE TO EXTEND FROM THE FLOOR TO UNDERSIDE OF DECK ABOVE. NOTIFY CONSULTANT OF DEFICIENT EXISTING CONSTRUCTION.



CODE ANALYSIS

1. OCCUPANCY CLASSIFICATION

MAJOR OCCUPANCY(IES) D  
AREA OF BUILDING (SQ. M/SQ.FT.) 1659 M2  
NO. OF STOREYS 6 STOREYS  
NO. OF STREETS 2  
SPRINKLERED NO  
HIGH-RISE MEASURE NO  
CLASSIFICATION(S) OF BUILDING -

MAJOR OCCUPANCY: D  
MINOR OCCUPANCY: -

2. HEIGHT AND AREA REQUIREMENTS - SUBSECTION 3.2.2

A. TYPE OF CONSTRUCTION REQUIRED 3.2.2.9 / 3.2.1.5 / 3.1.11.6  
B. DIVISION OF BASEMENT/CRAWLSPACE 3.2.1.4  
C. FLOOR ASSEMBLY OVER BASEMENT  
D. OTHER FLOOR ASSEMBLIES  
E. BALCONIES AND MEZZANINES 3.1.14.2.(1)  
F. METAL ROOF DECK ASSEMBLY  
G. LOAD BEARING WALLS AND COLUMNS

EXISTING/NON-COMBUSTIBLE  
EXISTING / N/A  
1 HR / N/A

3. SPATIAL SEPARATION - SUBSECTION 3.2.3

A. COMBUSTIBLE PROJECTIONS 3.2.3.6  
B. FOAMED PLASTIC IN EXTERIOR WALL 3.2.3.7.(7)  
C. PROTECTION OF FOAMED PLASTICS 3.1.4.2  
D. EXTERIOR WALLS MEETING AT A FIRE COMPARTMENT 3.2.3.12  
E. WALL EXPOSED TO ADJOINING ROOF 3.2.3.14

EXISTING / N/A  
N/A  
N/A  
N/A  
N/A

4. REQUIREMENTS OF EXITS - SECTION 3.4

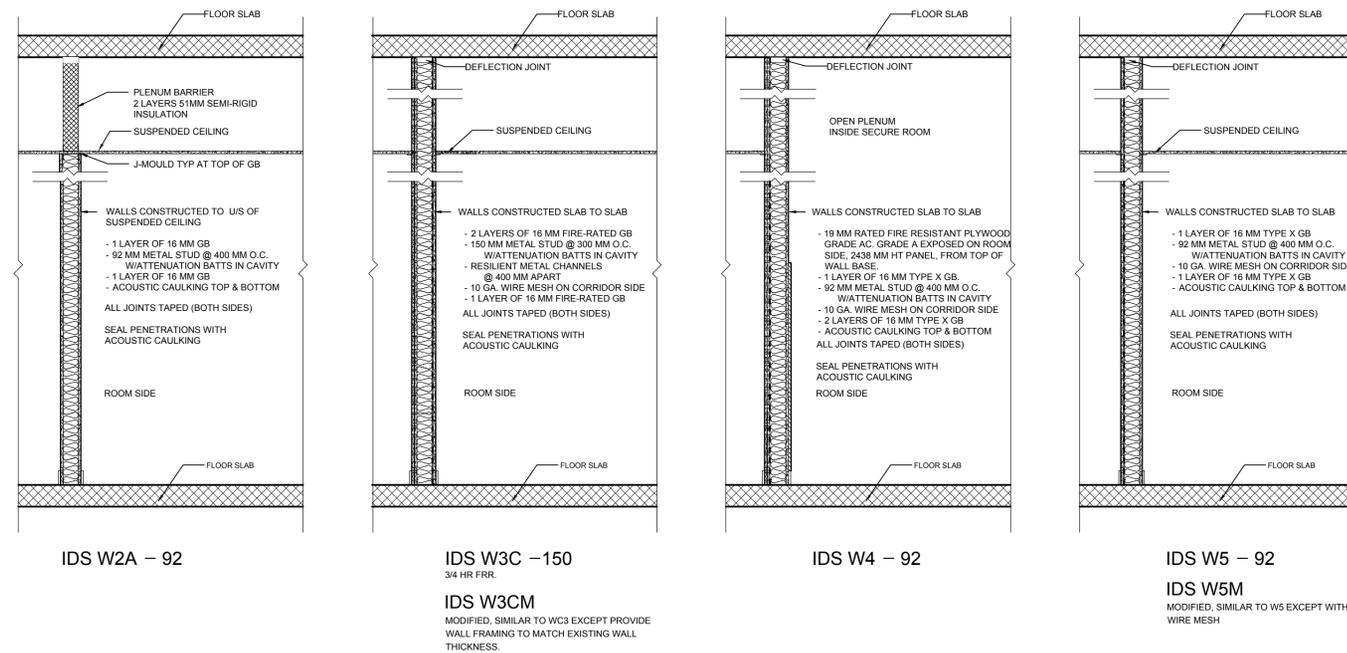
A. MINIMUM NO. REQUIRED 3.4.2.1.(1) & (2)  
B. MEZZANINE EXITING 3.4.2.2  
C. DISTANCE BETWEEN EXITS (1/2 DIAGONAL) 3.4.2.3  
D. LOCATION OF EXITS 3.4.2.5.(1) & (2)  
E. TRAVEL DISTANCE 3.4.2.4  
F. 1 EXIT NOT TO CONTRIBUTE MORE THAN 1/2 3.4.2.5.(3)  
G. EXIT WIDTH REDUCTION 3.4.3.5  
H. GUARDS: NON-CLIMBABLE 3.4.6.5.(7)  
I. DOOR SWING IN EXIT 3.4.6.11  
J. SLIDING DOOR IN EXIT 3.4.6.13  
K. RELEASE HARDWARE 3.4.6.15  
L. DOOR OPENABLE FROM INSIDE WITHOUT KEY 3.4.6.15.(1)  
M. STAIR REQUIREMENTS - MAXIMUM RISE 3.4.6.3.(1)  
MINIMUM NUMBER OF RISERS 3.4.6.2  
WIDTH REQUIRED 3.4.3.1.(2)  
HANDRAIL HEIGHT 3.4.6.4.(4)  
GUARDRAIL HEIGHT (STAIR/LANDING) 3.4.6.5.(2)  
OPENING UNDER GUARD 3.4.6.5.(5)  
N. FIRE SEPARATION OF EXITS 3.4.4.1  
O. EXIT CAPACITY 3.4.3.4

EXISTING / N/A  
N/A  
N/A  
17M  
40M  
LESS THAN 40M  
3 EXISTING EXITS  
EXISTING TO REMAIN / N/A  
N/A  
EXISTING TO REMAIN / N/A  
N/A  
WILL COMPLY  
WILL COMPLY  
EXISTING TO REMAIN / N/A  
1 HR / EXISTING TO REMAIN  
EXISTING TO REMAIN

WALL AND PARTITION GENERAL NOTES

- WALL AND PARTITION TYPES PROVIDED ON PLANS ARE FOR GENERAL CONSTRUCTION. CONTRACTORS SHALL REVIEW PLANS, DETAILS, AND SPECIFICATIONS FOR MOST STRINGENT REQUIREMENTS.
- TYPICAL PANEL MATERIAL: 16 MM TYPE X GYPSUM BOARD.
- STUD PARTITIONS ARE DIMENSIONED TO FACE OF STUD OR TO FACE OF EXISTING FINISH TO REMAIN, UNLESS OTHERWISE NOTED.
- VERTICAL DEFLECTION: PROVIDE DEFLECTION JOINT AT UNDERSIDE OF STRUCTURAL ELEMENTS. DESIGN JOINT TO ACCOMMODATE L/360 VERTICAL DEFLECTION OF STRUCTURE.
- CONCEALED REINFORCING: PROVIDE WOOD CONCEALED REINFORCING TO SUPPORT PARTITION MOUNTED COMPONENTS INCLUDING BUT NOT LIMITED TO FINISH CARPENTRY CASEWORK, MILLWORK, SPECIALTIES, EQUIPMENT, FURNITURE, FIXTURES.
- ACOUSTICALLY INSULATED PARTITIONS SHALL BE CAULKED AT PERIMETERS AND PENETRATIONS WITH ACOUSTICAL SEALANT.
- FIRE SEPARATIONS:
  - REFER TO FLOOR PLAN FOR FIRE RESISTANCE RATINGS AND LOCATIONS
  - EXTEND VERTICAL FIRE SEPARATIONS - COMPLETE ASSEMBLY - TO UNDERSIDE OF STRUCTURAL DECK ABOVE.
  - PROVIDE FIRE RESISTANCE RATED CLOSURES FOR OPENINGS IN FIRE SEPARATIONS INCLUDING BUT NOT LIMITED TO DOORS, WINDOWS, AND FIRE DAMPERS.
  - MAINTAIN CONTINUITY OF FIRE RESISTANCE RATING AT RECESSED COMPONENTS.
  - CONTRACTOR TO VERIFY CONSTRUCTION OF EXISTING TO REMAIN PARTITIONS. INDICATED TO HAVE A FIRE RESISTANCE RATING.
- FIRESTOPPING: FIRESTOP JOINTS - ENTIRE PERIMETER - AND PENETRATIONS FOR FIRE SEPARATIONS.
- FIRE RATED WALLS SHALL CARRY TO UNDERSIDE OF STRUCTURAL DECK WITH PERIMETER JOINT AND PENETRATIONS SEALED AND FIRE-STOPPED.
- FIRE RATINGS OF SIMILAR CONSTRUCTION TO ADJACENT PARTITIONS SHALL CARRY ABOVE THE FIRE RATED GLAZED SCREENS AND DOORWAYS.
- ALIGNMENT: ALIGN PARTITION FACES WHERE VARYING THICKNESSES OF GYPSUM BOARD ABOUT. REFER TO DRAWINGS FOR ALIGNMENT CONDITION.
- WHERE VARYING THICKNESS OF GYPSUM BOARD PARTITIONS ABUT, FACES SHALL BE FLUSH ON BOTH SIDES OF PARTITION.
- PATCH AND MAKE GOOD EXISTING WALLS TO REMAIN WHERE INTERSECTING WALL HAS BEEN DEMOLISHED.
- LOCATE HINGE SIDE ROUGH OPENING OF DOORS 100 FROM ADJACENT PARTITION, UNLESS OTHERWISE NOTED.

WALL TYPES



5. ELECTRICAL SYSTEMS

A. FIRE ALARM AND DETECTION SYSTEMS 3.2.4.1  
B. EMERGENCY LIGHTING 3.2.7.3.(1)  
C. EXIT SIGNS 3.4.5.1.(1)

EXISTING TO REMAIN  
NOT LESS THAN 10 LUX AVERAGE  
PROVIDE AT EXITS

6. PROVISION FOR FIRE FIGHTING

A. PROVISION FOR STREET OR YARD 3.2.2.10  
B. REQUIREMENT FOR STANDPIPE TABLE 3.2.5.8

7. CONSTRUCTION TYPES

A. PROTECTION OF FOAM PLASTIC (COMBUST. CONST.) 3.1.4.2  
B. COMBUSTIBLE ELEMENTS IN NON-COMBUST. CONST. 3.1.5.12  
C. COMBUSTIBLE CLADDING 3.1.5.1  
D. COMBUSTIBLE INSULATION PROTECTION 3.1.5.11  
E. CONTINUITY OF VERTICAL FIRE SEPARATION (EXCL. VERT. SHAFT) 3.1.8.3.(1)  
F. WIRED GLASS 3.1.8.14(1)  
G. FIREWALL (RATINGS OF) 3.1.10.2  
H. FIREWALL PARAPET 3.1.10.4  
I. COMBUSTIBLES CROSSING FIREWALL 3.1.10.7.(1)  
J. COMBUSTIBLE PROJECTION AT FIREWALL 3.1.10.7.(2)  
K. FIRESTOPS IN CONCEALED SPACES 3.1.11  
L. FLAME-SPREAD RATINGS 3.1.13.2

EXISTING TO REMAIN / N/A  
EXISTING TO REMAIN / N/A  
N/A

8. SERVICE FACILITIES

A. FIRED APPLIANCES (SERVICE ROOM) 3.6.2.1  
B. BOILER UNDER EXIT 3.6.2.3  
C. INCINERATOR ROOMS 3.6.2.5  
D. STORAGE ROOM (COMBUSTIBLE REFUSE) 3.6.2.6  
E. VERTICAL SERVICE SHAFT 3.6.3.1  
F. LINEN AND REFUSE CHUTES 3.6.3.3  
G. HORIZONTAL SERVICE SPACE 3.6.4.2  
H. ACCESS 3.6.4.4 TO 3.6.4.6  
I. SERVICE AND AUXILIARY ROOMS NOT TO OPEN ONTO EXIT 3.4.4.4.(7)

N/A  
N/A  
N/A  
N/A  
N/A  
N/A  
N/A  
N/A  
N/A

9. FIRE SAFETY REQUIREMENTS

A. SEPARATION OF SUITES 3.3.1.1  
B. ACCESS FOR ROOF, PLATFORM, ETC. 3.3.1.3.(1) TO (7)  
C. TRAVEL IN OPPOSITE DIRECTION TO 2 EXITS 3.3.1.3.(9)  
D. PUBLIC CORRIDOR - FIRE SEPARATION(S) 3.3.1.4  
E. TWO EGRESS DOORWAYS FROM SUITES 3.3.1.5  
F. WIDTH OF PUBLIC CORRIDORS - 1100 MM 3.3.1.9.(1)  
G. DEAD END CORRIDOR - 6 M 3.3.1.9.(7)  
H. DOOR SWING 3.3.1.10  
I. GUARDS: HEIGHT / NON CLIMBABLE 3.3.1.17.(1) TO (3)  
J. GLASS DOORS, SIDE LIGHTS 3.3.1.19  
K. OPENABLE WINDOWS 3.3.1.18.(6)  
L. ASSEMBLY OCCUPANCY SUBSECTION 3.3.2.1  
M. CARE OR DETENTION OCCUPANCY SUBSECTION 3.3.2.1  
N. RESIDENTIAL OCCUPANCY (NOTE: SENTENCE 3.8.3.3.(2) - DOOR CLEARANCE FOR DISABLED) SUBSECTION 3.3.4.1  
O. INDUSTRIAL OCCUPANCY SUBSECTION 3.3.5

45 MIN  
N/A  
COMPLIES  
45 MIN  
MORE THAN TWO EGRESS DOORS  
PUBLIC CORRIDORS NOT LESS THAN 1100 MM  
NO DEAD END GREATER THAN 6 M  
IN DIRECTION OF TRAVEL  
N/A  
TEMPERED OR LAMINATED GLAZING  
EXISTING TO REMAIN / N/A  
N/A  
N/A  
N/A

10. MEZZANINE AND OPENINGS THROUGH FLOOR ASSEMBLIES

SUBSECTION 3.2.8

N/A

11. PLUMBING FACILITIES

SUBSECTION 3.7.4

EXISTING TO REMAIN / N/A

12. BARRIER FREE DESIGN - SECTION 3.8

A. PROTECTION OF FLOOR AREA 3.3.1.7.(1).(A)  
ELEVATOR OPEN TO VESTIBULE / CORRIDOR 3.8.3.5  
FLOOR AREA WITH SMOKE ZONE 3.3.1.7.(1).(B), 3.3.3.6  
RESIDENTIAL BALCONY 3.3.1.7.(1).(C)  
RAMP 3.3.1.7.(1).(E)  
B. BARRIER FREE ACCESS ENTRANCE 3.8.1.2.(1) & (2)  
C. DOORWAYS AND DOORS  
WIDTH 3.8.3.2(1), 3.8.3.6.(2)  
RESIDENTIAL 3.8.3.3(2)  
LEVER HANDLES 3.8.3.3(3)  
13MM THRESHOLD 3.8.3.6.(5)  
D. RAMPS 3.8.3.4.(1) TO (3)  
E. SPACES IN SEATING AREA 3.8.3.6.(1)  
F. ASSISTIVE LISTENING DEVICES 3.8.3.7.(1) & (2)  
G. WATER CLOSET STALLS 3.8.3.8.(1)  
H. WATER CLOSET 3.8.3.9.(1)  
I. LAVATORIES 3.8.3.11.(1)  
J. SPECIAL WASHROOMS 3.8.3.12.(1)  
K. SHOWERS 3.8.3.13.(1)

EXISTING TO REMAIN / N/A  
N/A  
N/A  
EXISTING TO REMAIN  
800MM CLEARANCE MINIMUM  
N/A  
PROVIDE LEVER HANDLES  
EXISTING TO REMAIN / N/A  
N/A  
N/A  
EXISTING TO REMAIN / N/A  
N/A