



EXISTING EXTERIOR EXIT STAIR
⊕ DN

Article #	Summary	Comments
3.1.2.1 Classification of Building	Business and personal services occupancies	Group D
3.1.8.6. Maximum Openings	Maximum size of any opening in the public corridor partition is 11m ² with no dimension larger than 3.7m.	
3.1.8.13. Self-closing Devices	Required	Door closers required on Tenant doors.
3.1.8.12. Twenty-Minute Closures	20 minute rated door assembly is acceptable between the public corridor and the suite.	20 minute doors
3.1.8.16. Wired Glass and Glass Block	Maximum 6mm bottom and 3mm side clearances at doors. Openings between the public corridor and suites must be provided with Wired Glass.	Wired Glass
3.1.8.7. Fire and Smoke Dampers	Fire and smoke dampers required in fire separations.	Required at all public corridor/tenant partitions.
3.1.8.11 Self-closing Devices	Every door in a fire separation shall be equipped with a self-closing device.	All Public Corridor doors to have closer.
3.1.17. Occupant Load	1 st floor IRRCC Personal services shops – 4.6m ² /person 70 2 nd floor IRRCC Offices – 9.3m ² /person 46	
3.2.2.55.	Group D, up to 6 Storeys 1) A building classified as Group D is permitted to conform to Sentence (2) provided a) it is not more than 6 storeys in building height, and b) it has a building area not more than the value in Table 3.2.2.55.	Complies – building is 6 storeys and with a building area less than 3000m ² (facing 2 streets)
	2) The building referred to in Sentence (1) shall be of noncombustible construction, and a) floor assemblies shall be fire separations with a fire-resistance rating not less than 1 h, b) mezzanines shall have a fire-resistance rating not less than 1 h, c) roof assemblies shall have a fire-resistance rating not less than 1h, except that in a building not more than 1 storey in building height this requirement is waived, and d) loadbearing walls, columns and arches shall have a fire-resistance rating not less than that required for the supported assembly.	Complies 1 hour required Floors: 1 hour Loadbearing elements: 1 hour
3.3.1.1. Separation of Suites	Suites of Group D occupancy are not required to be fire separated from each other.	-
3.3.1.4. Public Corridor Separations	Public corridors are required to be constructed as fire separations having a 45-minute fire-resistance rating	45 minutes Public Corridor required.
3.3.1.5. Egress Doorways	2 required since both suite areas are greater than 200m ² .	2 egress from suites
3.3.1.6. Travel Distance	More than one egress door is required, therefore travel distance is based upon 3.4.2.5b. Maximum travel distance in suite to nearest egress door is 40 metres	40 metres
3.3.1.9. Dead End Corridor		Maximum dead end corridor is 6m
3.3.1.3.9. Means of Egress		2 separate means of egress required
3.3.1.10. Aisles	Aisles shall be provided in conformance with the NFC.	1100mm main aisles 900mm subsidiary aisles
3.3.1.11. Door Swing	Where occupant load exceeds 60, egress doors must swing in direction of exit travel.	Outward swinging.
3.3.1.4 Public Corridor		45 min separation required
3.4.2.1. Minimum Number of Exits	2 exits required on all floors. 1 st floor – 2 provided 2 nd floor – 3 provided	Complies
3.4.2.4. Travel Distance	Fire separated public corridor permits travel distance to be measured from the suite egress door to the exit door. Maximum travel distance from suite egress door to nearest exit door is 40 metres	40 metres
3.4.2.5 Location of Exits	Travel distance in suite to nearest egress door is 40 metres	40 metres.
3.8 Barrier-Free Design		Barrier Free Design Standards will be applied to the project.

