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16 December 2020

**CITY of OTTAWA**

Buildings Branch  
101 CentrepoinTE Drive  
Ottawa, Ontario  
K2G 5K7

**RE: Site Plan Control Application: Maritime Ontario Cross Dock Warehouse**  
8800 Campeau Drive  
Ottawa, Ontario  
Our File No. 19-247

Dear Sir/Madam:

We confirm that Fire Resistance Rated Fire Separations shall be required as follows at the above-noted building:

Project:	Maritime Ontario			
Major Occupancy Group:	Group D, Group F2			
Combustible / Noncombustible Construction:	Non-combustible			
Sprinklered / Not Sprinklered:	sprinklered			
Building Classification per 3.2.2.:	Group D, up to 2 storeys, sprinklered & Group F, Division 2, up to 2 storeys, sprinklered			
Floor Assemblies: Fire Separation (y/n) with Required FRR	45 min.			
Mezzanines: Fire Separation (y/n) with Required FRR	45 min.			
Roof Assemblies: Fire Separation (y/n) with Required FRR	No			
Loadbearing Walls, Columns and Arches: Fire Separation (y/n) with Required FRR	45			
Additional Requirements for High Buildings per 3.2.6 - Applies / Does Not Apply	does not apply			
*FRR = Fire Resistance Rating				
<b>Fire Separations</b>				
	<b>OBC</b>	<b>Fire Separation Required (y/n)</b>	<b>FRR* of Fire Separation</b>	<b>Notes</b>
Adjacent Major Occupancies	3.1.3.1 and 3.2.2.	no		No rating is required between Groups D and F2 Occupancies per table 3.1.3.1
Closures (i.e. doors)	3.1.8.4	yes	20 min	20 min closures as per 3.1.8.10 - twenty min closures
Fire Stops	3.1.9.1	yes	20	Fire stops are required to have a fire resistance rating which matches the requirements of a closure.
Floors	3.2.2.49 (2b)	yes	45	
Mezzanines	3.2.2.	yes	45	
Roof	3.2.2.	no	n.a.	
Loadbearing walls, columns and archs.	3.2.2.	yes	45	
Janitor's Room	3.3.1.20	yes	0-hour	Assuming that the building is sprinklered, fire separations at janitor rooms are not required to have a fire resistance rating

Repair and Storage Garage (storage garage stair and elevator vestibule)	3.3.5.4(1)	n.a.	n.a.	Does not apply
Storage Garage (parking garages)	3.3.5.6.	yes	1.5	Not applicable; building does not contain parking
Vestibules (Industrial Occupancies)	3.3.5.7	n.a.	n.a.	Does not apply
Exit Stairs	3.4.4.1 and 3.2.2	yes	45 min	
Lobbies	3.4.4.2	n.a.	n.a.	No exits through the lobby
Elevator Machine Rooms	3.5.3.1 and 3.5.3.3	yes	45 min.	Machine room less elevator
Vertical Transportation	Table 3.5.3.1.	yes	45 min.	Table 3.5.3.1 Line 5 - Refer to line 17 above
Fire Separations for Elevator Hoistways (including elevators serving interconnected floor space)	3.5.3.1	yes	45 min.	Table 3.5.3.1 Line 5 - Refer to line 17 above
Mechanical Room with fuel-fired appliances and/or containing fuel with flash point <93.3 deg	3.6.2.1	tbc	tbc	Per 3.6.2.1 (5) to be confirmed pending mechanical design
Electrical Room with elec. equipment required to be located in a service room according to CSA C22.1, "Canadian Electrical Code, Part 1"	3.6.2.1	tbc	tbc	Per 3.6.2.1 (6) to be confirmed pending electrical design
Combustible Refuse Storage Rooms	3.6.2.5	yes	1 hour	There is no refuse storage room - does not apply
Vertical Service Spaces (i.e. shafts and chases)	3.6.3.1.	yes/yes	45	Table 3.6.3.1 Line 5

Yours truly,



Jill Sparling  
**MCROBIE Architects + Interior Designers**

c.c. Owner's Representative: David Plumb Realinc-SCS