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NAME OF PROJECT:	WINNIPEG TRANSIT MAINTENANCE FACILITY						
LOCATION:	421 OSBORNE STREET SOUTH, WINNIPEG, MANITOBA						
MANITOBA BUILDING CODE DATA MATRIX					PART 3	2020 NBC REFERENCE	
Project Description:	<input type="checkbox"/> New <input type="checkbox"/> Addition <input checked="" type="checkbox"/> Alteration					[A] 1.1.1.1.	
Major Occupancy Classification	Group F, Division 3, Maintenance Shops & Group F, Division 2, Vehicle Repair					3.1.2.1.(1)	
Other Intended Occupancy(s)	Group D, Offices & Group A, Division 2 Lunchroom and Training Room					TABLE 3.1.2.1.	
Building Area (sq.m.)	Existing: 158,000 Sq. Ft. / 14,679 Sq. M. Renovated Space: 10,310 Sq. Ft. / 956 Sq. M. (less than 10% of overall floor area)					[A] 1.4.1.2.	
Building Height (storeys):	1 Storey					[A] 1.4.1.2., 3.2.1.1.	
Number of Streets Building is Facing:	3 Streets					3.2.2.10.	
Fire Fighter Access Routes:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					3.2.5.4.1)	
Construction Relative to Occupancy Classification:	3.2.2.77 Group F , Division 2, up to 4 Stories, Increased Area, Sprinklered					3.2.2.77	
Sprinkler System (Existing):	<input checked="" type="checkbox"/> Entire Building					3.2.2.77	
Fire Alarm Required:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					3.2.4.1.	
Water Service/Supply is Adequate:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					3.2.5.7.	
Standpipe & Hose Required:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					3.2.5.8.	
Construction Restrictions:	<input type="checkbox"/> Combustible permitted <input checked="" type="checkbox"/> Non-combustible Required <input type="checkbox"/> Both					3.2.2.77	
Actual Construction:	<input type="checkbox"/> Combustible <input checked="" type="checkbox"/> Non-combustible <input type="checkbox"/> Both						
Required Fire Resistance Rating (F.R.R.) of Assemblies	Floors:				Fire Separation <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.2.2.77	
	Roof:	Class A, B or C				3.1.15	
	Protection of Roof Deck Assembly:	N/A				3.1.14.2.	
	Mezzanine:	N/A			Fire Separation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.2.2.27	
	Supporting Members of Rated Assemblies:	N/A				3.2.2.27	
	Floors Above Basement:	N/A			Fire Separation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.2.1.4.	
	Firewalls:	N/A			Location: N/A	3.1.10.	
	Fire blocks:	N/A			Fire Separation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.1.11.	
	Suite Separation:	N/A			Fire Separation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.3.1.1.	
	Major Occupancy Separation:	Group F, Div 2 & Group A, Div 2			Fire Separation <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Table 3.1.3.1.	
	Public Corridor:	N/A			Fire Separation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.3.1.4.	
	Janitor's Rooms	0 Hr for Storage Room			Fire Separation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.3.1.21.	
	Vertical Transportation Space	N/A			Fire Separation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.5.3.1.	
	Service Room(s)	Fuel Fired Equipment			Fire Separation <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.6.2.1.	
Additional Requirements relative to Occupancy	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No				3.3.2. to 3.3.5.	
Alternate Solution(s) Proposed	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No				N/A	
High Building:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No				3.2.6.	
Occupant Load Calculations:	Occupancy	Type of Use	Floor Area (sq. m.)	Area per Persons (sq. m.)	Occupant Load (Persons)	Designed Occupancy (Persons)	3.1.17.1.
	Group F2/F3	Shops and Vehicle Repair	NA	NA	No change.	No change.	
	Group D/A2	Office and Training	956	9.30 & 0.95	No change.	No change.	
	Number of Exit Doors Provided From Building			8			
	Maximum Travel Distance to One Exit			45m			3.4.2.5.1)c)
	Distance between Exits			Existing exits placed along perimeter at 60m spacing.			3.4.2.3. or, 3.4.2.5.(2)
	Aggregate Exit Width Required			6.1 mm per person for doorways, corridors and ramps.			3.4.3.2.1)
	Aggregate Exit Width Provided			Existing exit widths maintained.			3.4.3.2., 3.8.3.3.
	Means of Egress from mezzanine			N/A			3.4.2.2.
	Horizontal Exits			Existing horizontal exit to main floor lobby.			3.4.6.10., 3.2.3.19.
Barrier-Free Design:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Barrier free access to main floor and washrooms provided.				3.8.
Plumbing Facilities:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Washroom facilities are not in project scope and no change to building occupant load.				3.7.2.2.



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Legend

Revision	By	Appd.	YY.MM.DD
ISSUED FOR CONSTRUCTION	TL	CJE	2025.06.04
Issued	By	Appd.	YY.MM.DD

File Name:	Dwn.	Chkd.	Dsgn.	YY.MM.DD
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Permit-Seal



Client/Project
WINNIPEG TRANSIT MAINTENANCE FACILITY
OFFICE REDEVELOPMENT

421 OSBORNE ST. SOUTH, WINNIPEG, MB

Title
MANITOBA BUILDING CODE
DATA MATRIX

Project No. 115421006	Scale 1/8"=1'-0"	
Drawing No. GI-003	Sheet of	Revision 0