

2024 Ontario Building Code Data Matrix Part 2 - Farm Buildings (600m² or more in building area, 4+ Storeys in building height, or a G4 occupancy)											Building Code Reference
1	PROJECT DESCRIPTION:										
2	APPLICABLE CODE		OBC 2024, PART 2 NATIONAL FARM BUILDING CODE OF CANADA								
3	PROJECT TYPE:		NEW CONSTRUCTION		ADDITION		RENOVATION		CHANGE OF USE ADDITION & RENOVATION		[A] 1.1.1.1.
4	SPECIAL CONDITIONS:		INCLUDES HOUSING OF LIVESTOCK STRUCTURAL DESIGN TO SB-11				INCLUDING ATMOSPHERIC HAZARDS INCLUDING ENVIRONMENTAL HAZARDS				2.1.2.3.(5) 2.1.2.3.(6), 2.4.2.3.
5	MAJOR OCCUPANCY CLASSIFICATION:		OCCUPANCY 1: USE: OCCUPANCY 2: USE: OCCUPANCY 3: USE:				ALL MAJOR OCCUPANCIES ARE GROUP G CONTAINS OTHER MAJOR OCCUPANCIES AGGREGATE AREA OF ALL OTHER MAJOR OCCUPANCIES BY GROUP OR DIVISION IS LESS THAN 10% OF THE FLOOR AREA THAT IT IS ON				2.1.2.2., 2.1.4., T3.1.2.1., 3.1.2. A-1.4.1.2.(1) 2.2.1.1.(2), 2.2.1.3.
6	BUILDING AREA (m²):		OCCUPANCY 1 (SEE 5)		OCCUPANCY 2 (SEE 5)		OCCUPANCY 3 (SEE 5)		TOTAL		2.1.2.1. [A] 1.4.1.2.
			EXISTING		EXISTING		EXISTING		EXISTING		
			NEW		NEW		NEW		NEW		
			TOTAL		TOTAL		TOTAL		TOTAL		
7	GROSS AREA (m²):		OCCUPANCY 1 (SEE 5)		OCCUPANCY 2 (SEE 5)		OCCUPANCY 3 (SEE 5)		TOTAL		[A] 1.4.1.2.
			MAIN FLOOR		MAIN FLOOR		MAIN FLOOR		MAIN FLOOR		
			2nd FLOOR		2nd FLOOR		2nd FLOOR		2nd FLOOR		
			TOTAL		TOTAL		TOTAL		TOTAL		
8	MEZZANINE AREA (m²):		EXISTING:		NEW:		TOTAL:				2.2.2.2., 3.2.1.1.
9	BUILDING HEIGHT:		HIGH BUILDING: YES NO		STOREYS BELOW GRADE (#): STOREYS ABOVE GRADE (#): HEIGHT ABOVE GRADE (m):						[A] 1.4.1.2. & 2.1.2.1., 2.2.2.2.
10	FIREFIGHTER ACCESS		ACCESS PROVISIONS VERIFIED WITH THE MUNICIPALITY								2.2.4.1.
11	BLDG. CLASSIFICATION:		(SIZE & CONSTRUCTION RELATIVE TO OCCUPANCY)				2.2.2.		GROUP/DIV.		
12	SPRINKLER SYSTEM:		NOT REQUIRED		REQUIRED - SPRINKLER TYPE PROPOSED:						2.2.4.2. 2.2.3.6.
			PROVIDED: ENTIRE BUILDING BASEMENT		SELECTED COMPARTMENTS NONE		SELECTED FLOOR AREAS				
13	FIRE ALARM SYSTEM		REQUIRED NOT REQUIRED		TYPE PROVIDED: SINGLE STAGE TWO STAGE NONE						2.2.3.1. 2.2.3.2.
14	CONSTRUCTION TYPE:		RESTRICTION: COMBUSTIBLE PERMITTED		NON COMBUSTIBLE REQUIRED						
			ACTUAL: COMBUSTIBLE NON-COMBUSTIBLE		COMBINATION OF COMBUSTIBLE & NON-COMBUSTIBLE						
15	IMPORTANCE CATEGORY:		LOW NORMAL LOW HUMAN OCCUPANCY		LIQUID MANURE STORAGE TANKS MINOR STORAGE BUILDING EXPLOSIVE OR HAZARDOUS SUBSTANCES						2.3.1.1. 4.1.2.1.(3) & T4.1.2.1.
16	SEISMIC CATEGORY:		SEISMIC CATEGORY (TABLE 4.1.8.5.(B)):		LOW (SC1)		NORMAL - LIQUID MANURE STORAGE (SC2)				4.1.8.4.(1) T-4.1.8.5.-B 4.1.8.18.
			SITE CLASS (TABLE 4.1.8.4.(B)): AS PER GEOTECH REPORT (NOT REQ'D FOR SC1)								
			SEISMIC DESIGN FOR TABLE 4.1.8.18. ITEMS 6 TO 22				REQUIRED		NOT REQUIRED		
			REASONS:								
17	OCCUPANT LOAD:		FLOOR LEVEL/AREA:		OCCUPANT LOAD (PERSONS): BASED ON: DESIGN FLOOR AREA CALCULATION						2.1.2.2., 2.2.1.17.
			OCCUPANCY TYPE:		POSTED LIMIT REQUIRED: NO YES						
18	HAZARDOUS SUBSTANCES OR DANGEROUS GOODS:		NO YES (EXPLAIN)								2.2.8.
19	REQUIRED FIRE RESISTANCE RATINGS		HORIZ. ASSEMBLY		RATING (H)		SUPPORTING ASSEMBLY (H)		NONCOMBUSTIBLE IN LIEU OF RATING?		
			FLOORS OVER BSMT				NO YES N/A				
			FLOORS				NO YES N/A				
			MEZZANINE				NO YES N/A				
			ROOF				NO YES N/A				
20	EMERG. LIGHTING		NOT REQUIRED		REQUIRED - PROVIDED BY (2.2.5.1.(3)) :		BATTERY		AUTOMATIC GENERATOR		2.2.5.1.
21	EXIT SIGNAGE		NOT REQUIRED		REQUIRED						2.2.7.10.
22	FIRE EXTINGUISHERS		NOT REQUIRED		PROVIDE PORTABLE FIRE EXTINGUISHERS AS PER PART 6 OF THE FIRE CODE - SEE PLAN						2.2.4.3.
23	FLAME SPREAD RATING:		INTERIOR WALL AND CEILING FINISHES:								2.2.1.12. (1)
			<150 - PROPOSED LINER TYPE / RATING:								2.2.1.12. (2)
			INTERIOR WALL AND CEILING FINISHES WITHIN EXITS:								
			<25 - PROPOSED LINER TYPE / RATING:								
24	EXIT DOOR SWING		OUTSWING		INSWING (LIVESTOCK - G2 ONLY - 2.2.7.7.(2) COMBINATION INSWING & OUTSWING AS PER PLAN						2.2.6.2. 2.2.7.7.
25	EGRESS DOOR SILL		DOES NOT EXCEED 13mm (1/2")				BETWEEN 13mm & 100mm (4") AS PER 2.2.6.7.(2) - NOTED ON PLAN				2.2.6.7.
26	EXHAUST VENTING		NOT REQUIRED		BELOW FLOOR PIT VENTILATION REQUIRED				VENTILATION REQUIRED PER PLAN		2.2.8.2.
27	BUILDING SPATIAL SEPARATION TO PROPERTY LINES AND NON FARM BUILDINGS - CONSTRUCTION OF EXTERIOR WALLS										T 3.2.3.1. -C
	WALL	AREA OF EBF (m2)	LD (m)	L/H or H/L	PERMITTED MAX % OF OPENINGS	PROPOSED % OF OPENINGS	FRR (HOURS)	LISTED DESIGN OR DESCRIPTION	COMBUSTIBLE CONSTRUCTION	COMB. CONSTR. NON-COMB CLADDING	NON-COMB CONSTR.
	NORTH										
	SOUTH										
	EAST										
	WEST										
28	ALTERNATIVE SOLUTIONS										[A] 1.2.1.1. & [C] 2.1.