



Name of Project: St. Mark and ST.
 Demiana Church
 AT NINTH LINE MISSISSAUGA, ON
 Coptic Orthodox Church

OBC DATA MATRIX PART 3

FIRST PHASE BUILDING: CHURCH BUILDING

Item	Ontario Building Code Data Matrix Part 3 (2012 OBC)	OBC Reference (DIV.B)
1	Project Description: New Church & supporting facilities	Part 3
2	Building Occupancy: A-2 (Assembly)	3.1.2.1.(1)
3	Building Area (SM) 5,016 Total : 5,016	1.1.3.2
4	Gross Area (SM) 11,592 Total : 11,592	1.1.3.2
5	Number of Storeys Above grade : 2 Below grade : 1	3.2.1.1 & 1.1.3.2
6	Number of Streets/Fire Fighter Access 1	3.2.2.10 & 3.2.5.
7	Building Classification 3.2.2.24	3.2.2.20-83
8	Sprinkler System Entire building	3.2.2.26, 3.2.1.5, 3.2.2.17
9	Standpipe required YES	3.2.9
10	Fire Alarm required YES	3.2.4
11	Water Service/Supply is Adequate YES (2 On-site)	3.2.5.7
12	High Building No	3.2.6
13	Permitted Construction Non-combustible	3.2.2.20-83
	Actual Construction Non-combustible	
14	Mezzanine(s) Area (SM) No	3.2.1.1.(3)-(8)
15	Occupant load based on <input type="checkbox"/> M ² /Person <input checked="" type="checkbox"/> Design: 798 (738 @ Church, 60 Deacons)	
	Basement Occupancy A2 - persons Many spaces will be occupied by the same occupants at a different timing and/or different functions will not occur at the same time, as such, the greatest number of persons occupying the main church (798 persons) is the building occupant load.	
	Level 1 Occupancy A2 - persons	
	Level 2 Occupancy A2 - persons	
16	Barrier-free Design Provided, B.F. Access @ LVL 1 and Elevator to all levels	3.8
17	Hazardous Substances No	3.3.1.2. & 3.3.1.19
18	Horizontal Assemblies FRR (Hours)	3.2.1.4
	Floors One hour Rated F. S.	
	Roof N/R (Sprinkler system)	
	FRR of Supporting Members Onr hour Rated F.S. for floors	
	FRR of Supporting Members N/Required for roof	
19	Spatial Separation & Construction of Exterior Walls	3.2.3
	Wall Area of EBF(m ²) L.D. (m) L/H H/L Max. % Openings Proposed Openings FRR (Hrs) Listed Design or Description Construction Cladding	
	North 1437 70.7 100% 782 N/R N/A Non-Comb. Non-Comb.	
	South 1428 24.3 100% 762 N/R N/A Non-Comb. Non-Comb.	
	East 1307 40.6 100% 710 N/R N/A Non-Comb. Non-Comb.	
	West 1432 32.4 100% 648 N/R N/A Non-Comb. Non-Comb.	

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SECOND PHASE BUILDING: COMMUNITY SERVICES CENTER BUILDING

ITEM	ONTARIO BUILDING CODE DATA MATRIX PART 3 (2012 OBC)	OBC REFERENCE
1	Project Description: Project Description: New office Building	References are to division b unless noted (a) for division a or (b) for division b.
2	Major Occupancy(s) - Group D Business Personal Services.	PART 3
3	Building Area (SM): 2,596	3.1.2.1.(1)
4	Gross Area (SM): 6,993	1.4.1.2. [A]
5	Number of Storeys: Above Grade: 3 Below Grade: 1	1.4.1.2. [A]
6	Number of Streets/Fire fighter access: 1	1.4.1.2.[A] & 3.2.1.1.
7	Building Classification: 3.2.2.53 - Group D	3.2.2.10, & 3.2.5.
8	Sprinkler system Proposed: <input type="checkbox"/> Entire building <input type="checkbox"/> In Lieu of roof rating <input type="checkbox"/> Basement & above grade parking struct. <input type="checkbox"/> Existing <input checked="" type="checkbox"/> Not Required	3.2.2.20-83 3.2.1.5 3.2.2.17.
9	Standpipe required <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	3.2.9.
10	Fire alarm required <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	3.2.4.
11	Water service/supply is adequate <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	3.2.5.7.
12	High building <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	3.2.6.
13	Permitted construction <input type="checkbox"/> Combustible <input type="checkbox"/> Non-Combustible <input checked="" type="checkbox"/> Both Actual construction <input type="checkbox"/> Combustible <input type="checkbox"/> Non-Combustible <input checked="" type="checkbox"/> Both	3.2.2.28
14	Mezzanine areas (SM): N/A	3.2.1.1.(3)-(8)
15	Occupant load based on: <input type="checkbox"/> M ² /Person <input checked="" type="checkbox"/> Design 162 People	3.1.17.
16	Barrier-free design <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	3.8.
17	Hazardous substances <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	3.3.1.2. & 3.3.1.19.
18	Required fire resistance rating (FRR) Horizontal assemblies FRR (Hours) Listed design no. or Description (SG-2) Floors N/A (NON-COMBUSTIBLE) Roof N/A (NON-COMBUSTIBLE) Mezzanine N/A FRR of Supporting Members Listed design no. or Description (SG-2) Floors N/A (NON-COMBUSTIBLE) Roof N/A (NON-COMBUSTIBLE) Mezzanine N/A	3.2.2.20-83 & 3.2.1.4.
19	SPATIAL SEPARATION & CONSTRUCTION OF EXTERIOR WALLS 3.2.3	
	Wall Area of EBF(m ²) L.D. (m) L/H H/L Max. % Openings Proposed Openings FRR (Hrs) Listed Design or Description Construction Cladding	
	North 1561 23.9 100% 1480 N/R N/A Non-Comb. Non-Comb.	
	South 1549 13.4 100% 1465 N/R N/A Non-Comb. Non-Comb.	
	West 689 20.5 100% 659 N/R N/A Non-Comb. Non-Comb.	
	East 665 202.7 100% 648 N/R N/A Non-Comb. Non-Comb.	
BUILDING EXIT INFORMATION:		
20.	Minimum number of exits 3	3.4.2.1.(2) 3.4.2.1.A.
21.	Exit width & capacity Aggregate width to be determined by occupant load. EXIT Width: 9 mm per person for stairs exit width = 9 mm x 180 People = 1440 mm The travel distance to at least one exit shall be not more than 40 m	3.4.3.2. (1)(a) Providing 3 Stairs, Each stair contains 1100 mm wide for each flight
22.	Distance to exit/s	3.4.2.5. (1)(f)
23.	Required Washrooms One water closet are required for each up to 9 persons of each sex. O.L=162 persons, 180/2=90 persons of each sex required no. of w.c. is 5 for each sex provided 5 w.c. for each sex. 1 Universal washroom provided counts as unisex washroom Universal washroom does not need an adult size changing table	3.7.4.7. (1) TABLE 3.7.4.7. 3.8.2.3. & 3.8.2.3.A. 3.8.3.12.(6)(a)

NO	DESCRIPTION	DATE
2	FOR RE-SUBMISSION	JUNE 8,23
1	FOR SUBMISSION	FEB 9,22

PROJECT TITLE:
ST. MARK AND ST. DEMIANA CHURCH

CLIENT:
COPTIC ORTHODOX CHURCH
 AT NINTH LINE MISSISSAUGA, ON

Project No.	2019.01	Sheet No.	
Date	FEB, 12, 19		
Drawn By	M.S.		
Checked By	N.S.		MATX-1
Scale	AS NOTED		