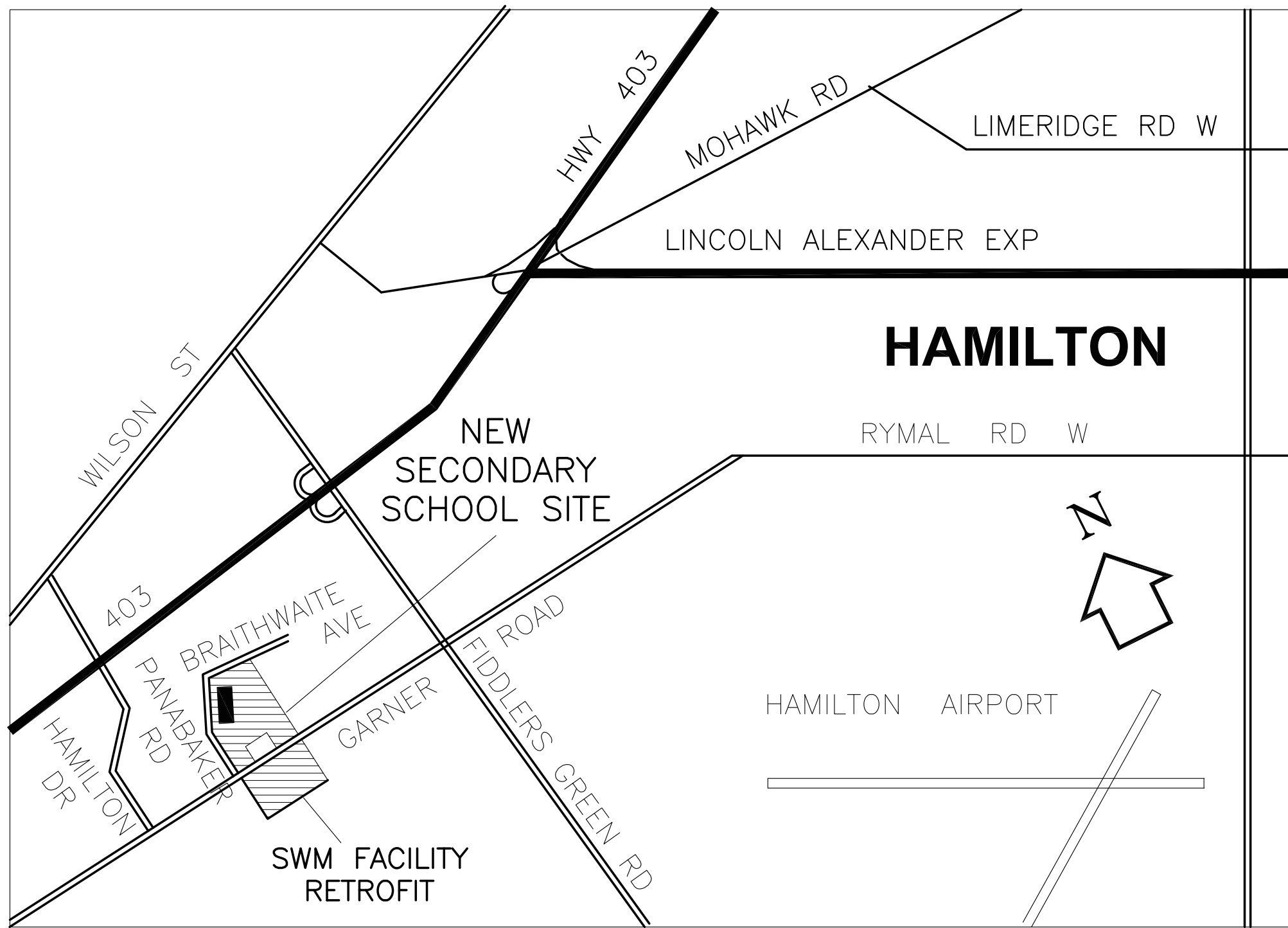


BISHOP TONNOS CATHOLIC SECONDARY SCHOOL

100 PANABAKER DRIVE Hamilton, Ontario



LOCATION PLAN SCALE: N.T.S.

LIST OF DRAWINGS

- ARCHITECTURAL**
- A0 – LOCATION PLAN & OBC MATRIX
 - A1 – SITE PLAN & KEY PLAN
 - A2 – ENLARGED PLANS & ELEVATIONS SECTIONS
 - A3 – DETAILS & MISCELLANEOUS
 - A4 – PART OF GROUND & SECOND FLOOR REFLECTED CEILING PLANS & SCHEDULES
- STRUCTURAL**
- S1-1 – PARTIAL EXISTING AND PROPOSED PLAN AND SECTIONS
 - S2-1 – PARTIAL EXISTING AND PROPOSED PLAN
 - S2-2 – SECOND FLOOR AND ROOF SECTIONS
 - S3-1 – TYPICAL NOTES AND DETAILS
 - S3-2 – TYPICAL NOTES AND DETAILS

- MECHANICAL**
- M1.01 – SCHEDULES, DRAINAGE & PLUMBING PLANS
 - M1.02 – PIPING PLANS
 - M1.03 – HVAC PLANS
 - M1.04 – SPRINKLER PLANS
 - M1.05 – SPECIFICATIONS AND DETAILS

- ELECTRICAL**
- E0.01 – KEY & FIRE PLAN – NOTES, LEGENDS & SCHEDULES
 - E1.01 – EXISTING SCHOOL – NEW WORK
 - E1.02 – GROUND & SECOND FLOOR – AREA OF WORK #1 & #2 DEMOLITION & NEW WORK LIGHTING & LIFE SAFETY POWER & COMMUNICATIONS
 - E3.01 – DETAILS
 - E3.02 – ELECTRICAL SPECIFICATIONS 1 OF 2
 - E3.03 – ELECTRICAL SPECIFICATIONS 2 OF 2

READ THESE DRAWINGS IN CONJUNCTION WITH:
ARCHITECTURAL SPECIFICATIONS MECHANICAL AND ELECTRICAL SPECIFICATIONS

ELEVATOR SHAFT ADDITION

Firm Name: Svedas Architects Inc.
Certificate of Practice Number: 3005
3600 Billing Court, Suite 100
Burlington, ON L7N 3N6
Contact Person: Monika Harte-Maxwell
The Architect's Association of Ontario Certificate of Practice Number of the holder is equivalent the holder's BCIN

Name of Project:
Addition to Bishop Tonnos Secondary School
Location:
100 Panabaker Drive
Ancaster, Ontario

The architect noted above has exercised responsible control with respect to design activities. The architect's seal number is the architect's BCIN

Item	Ontario Building Code Matrix	OBC Reference
1	Project Description ☐ New ☒ Addition ☐ Change of use ☐ Alteration	☐ Part 11 ☒ Part 3 ☐ Part 9
2	Major Occupancy (s): Assembly, Group A, Div. 2 – Secondary School	3.1.2.1.(1)
3	Building Area (m ²): Existing School (from original construction documents) Accessible Elevator Addition (2ND FL Internal Add'n) Total	9,525.11 m ² 0.0 m ² 9,525.11 m ²
4	Gross Area (m ²): Existing School Gross Floor Area = (from original construction documents) Accessible Elevator Addition @ 2nd fl = Total	16,278.38 m ² 1.4.1.2. 9.2 m ² 16,287.58 m ²
5	Number of Storeys: Above Grade: 2, Below Grade: 1 (partial)	3.2.1.1.(9)
6	Number of Streets/Fire Fighter Access One Street	3.2.1.10. & 3.2.5.
7	Building Classification Group A, Division 2, Up to 6 Storeys	3.2.2.24.
8	Sprinkler System proposed: ☒ Entire Building ☐ Basement Only ☐ In Lieu of Roof Rating ☐ Not required	3.2.2.24.
9	Standpipe required ☐ Yes ☒ No	3.2.9.
10	Fire Alarm required ☒ Yes ☐ No	3.2.4.
11	Water Service/Supply is Adequate ☒ Yes ☐ No	3.2.5.7.
12	High Building ☐ Yes ☒ No	3.2.6.
13	Permitted construction Actual construction	☐ Combustible ☒ Non-combustible ☐ Both
14	Mezzanine(s) Area (m ²): N/A	3.2.1.1 & 3.3.1.5
15	OCCUPANT LOAD BASED ON EXISTING SCHOOL Ground Floor – No change Second Floor – No change Exit Capacity – Not affected or changed	3.4.3.2. 3.4.3.4. 3.7.4.3.(13) 3.7.4.3.(14)

16 Barrier Free Design
☒ Yes ☐ No

17 Hazardous Substances
☐ Yes ☒ No

18 Required Fire Resistance Rating (FRR)

Horizontal assemblies FRR (Hours)	Listed Design No. or Description (SB-2)	
Second Floor 1 Hr	Existing Building is concrete, > 1Hr, Elevator shaft has no 2ND floor, N/A	3.2.2.24.
Roof 0 Hr	Shaft does not reach roof.	
Mezzanine N/A		
FRR of Supporting Members	Listed Design No. or Description (SB-2)	
Beams 1 Hr @ 2nd		
Columns N/A		
Walls 1 Hr	240mm cmu, >150mm equivalent thickness, > 3 hr FRR, SB-2	3.3.1.20. & 3.6.2.1.
Top of Shaft 1 Hr	Existing Building is concrete, > 1Hr, Ceiling above shaft and 2nd Fl clg exposed Gr Fl upper space 1 HR frr	3.2.2.24.

19 Spatial Separation – New work is interior work only, not applicable.
3.2.3.14. Wall Exposed to Another Wall

Wall	Area of EBF (m ²)	L.D. (m)	L/H or H/L	Permitted Max. % of Openings	Proposed % of Unprotected Openings	FRR (Hours)	Listed Design or Description	Combustible Construction	Combustible Construction Non-Comb. Cladding	Non – Combustible Construction
North										
South										
East										
West										

20 Sanitary Facility Summary
3.7.4.3.(14)

Existing Washrooms: No change to occupant load for building, no change to washrooms proposed.
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Travel Distance to Exits – Elevator opens on to corridors with compliant multiple egress systems
Total available corridor width at both sides of new elevator is equal to or greater than available width at egress doors leading to exterior. No reduction of egress capacity is caused.

INTERNAL RENOVATIONS FOR ELEVATOR

Firm Name: Svedas Architects Inc.
Certificate of Practice Number: 3005
3600 Billing Courts, Suite 100
Burlington, ON L7N 3N6
Contact Person: Monika Harte-Maxwell
The Architect's Association of Ontario Certificate of Practice Number of the holder is equivalent the holder's BCIN

Name of Project:
Bishop Tonnos Catholic Secondary School Renovation
Location:
100 Panabaker Drive, Ancaster, Ontario

ONTARIO BUILDING CODE DATA MATRIX – PART 11 Renovation of Existing Building
This table covers internal renovations adjoining new elevator shaft

		OBC Reference
11.1	Existing Building Classification Describe Existing Use: Existing Secondary School Construction Index: Hazard Index: ☒ Not Applicable (no change of major occupancy)	11.2.1 T11.2.1.1A T11.2.1.1B to N 4.2.1.(3) & 5.2.2.1.(2)
11.2	Alteration to Existing Building Basic Renovation Extensive Renovation ☒	11.3.3.1 11.3.3.2
11.3	Reduction in Performance Level Structural: By increase in occupant Load: By change of major occupancy: Plumbing: Sewage System:	11.4.2 11.4.2.1 11.4.2.2 11.4.2.3 11.4.2.4 11.4.2.5
11.4	Compensating Construction Structural: Increase in occupant Load: Change of major occupancy: Plumbing: Sewage System:	11.4.3 11.4.3.2 11.4.3.3 11.4.3.4 11.4.3.5 11.4.3.6
11.5	Compliance Alternative Proposed ☒ No ☐ Yes (give number(s))	11.5.1