



**CITY OF WINNIPEG**  
**NO. 27 STATION PROJECT**  
 Sage Creek Boulevard WINNIPEG, MANITOBA



MURPHY & MURPHY ARCHITECT INC.

VANBOXMEER & STRANGES

VANDERWESTEN, RUTHERFORD & MANTECON

STEVENSON ENGINEERING LTD.

ARTHUR LIERMAN LANDSCAPE ARCHITECTURE

TBT ENGINEERING LTD.

SHEPHERD & STEVENS

- architect, London, Ontario
- structural engineer, London, Ontario
- mechanical / electrical engineer, London, Ontario
- site services / grading engineer, London, Ontario
- landscape architect, London, Ontario
- geotechnical engineer, Winnipeg, Manitoba
- surveyors, Winnipeg, Manitoba

**ELEVATION RENDERINGS**



SOUTH ELEVATION



WEST ELEVATION



NORTH ELEVATION

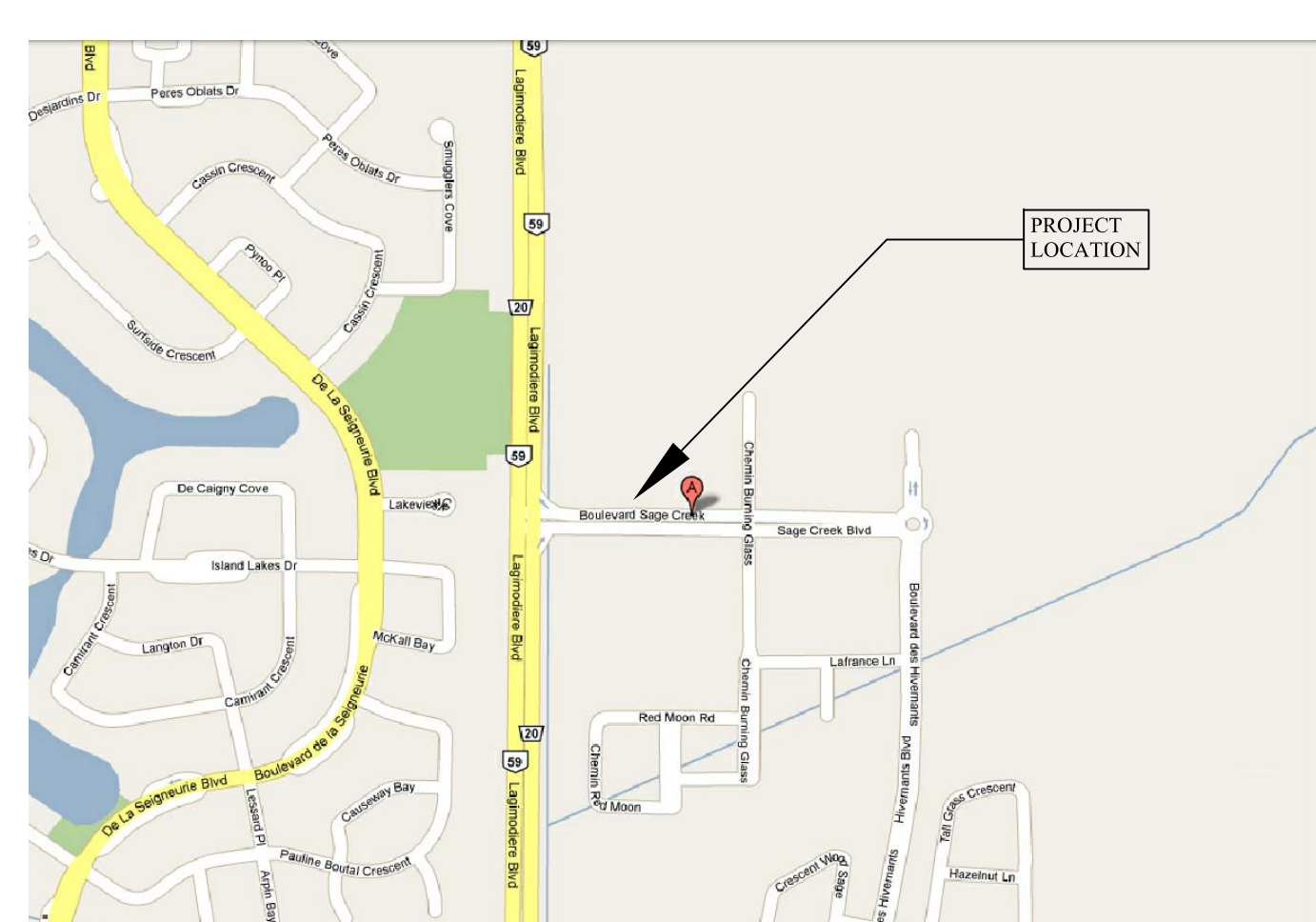


EAST ELEVATION

**N.B.C. REVIEW**

<b>Firm Name: Murphy &amp; Murphy Architect Inc.</b> <b>Certificate of Practice Number: 4388 OAA / 145 MAA</b> 775 Waterloo Street, London, ON Ph: 519-433-5161 The Certificate of Practice Number of the holder is the holder's BCDN  <b>Name of Project:</b> Winnipeg Station No. 27  <b>Location:</b> Sage Creek Boulevard Winnipeg, Manitoba		The architect noted above has exercised responsible control with respect to design activities. The architect's seal number is the architect's BCDN	
2006 Building Code		NBC Reference	
Data Matrix Part 3 or 9		References are to Division B unless noted [A] for Division A or [C] for Division C.	
1	Project Description: <input checked="" type="checkbox"/> New <input type="checkbox"/> Addition <input type="checkbox"/> Alteration <input type="checkbox"/> Change of Use	<input type="checkbox"/> Part 11 11.1 to 11.4	<input checked="" type="checkbox"/> Part 3 1.1.2.[A] & 9.10.1.3.
2	Major Occupancy(s) F2 - Medium Hazard Industrial (Apparatus) C - Residential (Dormitory) D - Business & Personal Services (Administration) A2 - Assembly Occupancy (Community Areas)		3.1.2.1.(1) 9.10.2.
2a	Most Restrictive Major Occupancy(s) F2 - Medium Hazard Industrial		
3	Building Area (m <sup>2</sup> ) Existing 0 New 690 Total 690 m <sup>2</sup> (7,427 sf)	1.4.1.2.[A]	1.4.1.2.[A]
4	Gross Area Existing 0 New 690 Total 690 m <sup>2</sup> (7,427 sf)	1.4.1.2.[A]	1.4.1.2.[A]
5	Number of Storeys Above grade 1 Below grade 0	1.4.1.2.[A] & 3.2.1.1.	1.4.1.2.[A] & 9.10.4.
6	Number of Streets/ Fire Fighter Access TBD	3.2.2.10. & 3.2.5.	9.10.20.
7	Building Classification 3.2.2.71 Group F, Division 2, Up to 2 Storeys	3.2.2.20 - 83	9.10.2.
8	Sprinkler System Proposed <input type="checkbox"/> entire building <input type="checkbox"/> selected compartments <input type="checkbox"/> selected floor areas <input type="checkbox"/> basement <input type="checkbox"/> in lieu of roof rating <input checked="" type="checkbox"/> not required	3.2.2.20 - 83 3.2.1.5. 3.2.2.17. INDEX	9.10.8.2. INDEX
9	Standpipe required <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.2.9.	N/A
10	Fire Alarm required <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.2.4.	9.10.18
11	Water Service/ Supply is Adequate <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.2.5.7	N/A
12	High Building <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.2.6.	N/A
13	Construction Restrictions <input type="checkbox"/> Combustible permitted <input type="checkbox"/> Combustible <input checked="" type="checkbox"/> Non-combustible <input type="checkbox"/> Both	3.2.2.20 - 83	9.10.6.
14	Mezzanine(s) Area m <sup>2</sup> N/A	3.2.1.1.(3)+8	9.10.4.1.
15	Occupant Load based on 1st Floor: <input type="checkbox"/> m <sup>2</sup> /person <input checked="" type="checkbox"/> design of building Occupancy 6 Load _____ persons	3.1.17.	9.9.1.3.
16	Barrier-free Design <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Explain)	3.8.	9.5.2.
17	Hazardous Substances <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.3.1.2. & 3.3.1.19.	9.10.1.3.(4)
18	Fire Resistance Rating (FRR) Horizontal Assemblies FRR (Hours) Floors XXX Hours Roof XXX Hours Mezzanine XXX Hours FRR of Supporting Members (Hours) Floors XXX Hours Roof XXX Hours Mezzanine XXX Hours	3.2.2.20 - 83 & 3.2.1.4.	9.10.8. 9.10.9.
18a	Required Fire Resistance Rating Between Rooms Apparatus Bay to Common Room / Kitchen Apparatus Bay to Exercise Room Apparatus Bay to Dormitory Dormitory to Day Room Janitor Room		2 Hour 2 Hour 2 Hour 2 Hour 1 Hour
19	Spatial Separation - Construction of Exterior Walls	3.2.3.	9.10.14.
	Wall Area of EBF (m <sup>2</sup> ) L.D. (m) L/H or H/L Permitted Max. % of Openings Proposed % of Openings FRR (Hours) Listed Design or Description Comb Const Comb. Constr. None, Cladding Non-comb. Constr.		
	North		
	South		
	East		
	West		
	( Additional wall areas continued below )		
20	Finished Floor for two apparatus spaces are 50 mm recessed to the remainder of the building		
21	Repair and Storage Garage - 3.3.5.4		

**KEY PLAN**



**DRAWING LIST**

Set

**Site Services**

- LG-1 LOT GRADING PLAN AND STORM WATER MANAGEMENT
- SS-1 SITE PLAN SERVICE
- TS TOPOGRAPHIC SURVEY - SHEPHERD AND STEVENS
- G11 GROUND HEAT EXCHANGER LAYOUT
- G12 GROUND HEAT EXCHANGER DETAILS
- L-1 LANDSCAPE PLAN

**Architectural**

SPECIFICATION - SEPARATE DOCUMENT

- A01 TITLE PAGE / NBC REVIEW / DRAWING LIST
- A11 SITE PLAN / SITE DETAILS / SITE DATA
- A21 FLOOR PLAN / WALL TYPES / ROOF TYPES / LEGEND
- A22 FLOOR FINISHES PLAN
- A31 REFLECTED CEILING PLAN / CEILING DETAILS
- A41 ROOF PLAN / ROOF DETAILS
- A51 EXTERIOR ELEVATIONS / PARTIAL ELEVATIONS
- A61 BUILDING SECTIONS A-A / B-B / C-C / D-D / E-E
- A62 WALL SECTIONS 1-3
- A63 WALL SECTIONS 4-6
- A64 WALL SECTIONS 7-10
- A65 SECTION DETAILS
- A71 INTERIOR ELEVATIONS
- A72 MILLWORK SECTIONS / DETAILS
- A73 MISCELLANEOUS DETAILS
- A81 ROOM FINISH SCHEDULE / DOOR FINISH SCHEDULE

**Structural**

SPECIFICATIONS

- S11 FOUNDATION PLAN AND FLOOR SLAB LEFT-RIGHT DIRECTION REINFORCING
- S12 FLOOR SLAB FRONT-REAR DIRECTION REINFORCING
- S13 ROOF FRAMING PLAN
- S14 SCHEDULES
- S21 EAST - WEST SECTIONS
- S22 APPARATUS BAY SECTION AND TRUSS ELEVATION
- S23 NORTH - SOUTH SECTIONS, CANOPY SECTION, TRENCH DETAIL
- S24 CANOPY SECTIONS, PILE CAP DETAIL
- S25 PILE CAP DETAIL AND DROP PANEL DETAIL
- S31 TYPICAL DETAILS 1 CONCRETE FOUNDATION AND SLAB
- S32 TYPICAL DETAILS 2 CAST IN PLACE CONCRETE DETAILS
- S33 TYPICAL DETAILS 3 MASONRY, PRECAST PLANK AND POLE BASE
- S34 TYPICAL DETAILS 3 MASONRY AND STEEL

**Mechanical**

SPECIFICATION - SEPARATE DOCUMENT

- M11 MECHANICAL DRAWING LIST, LEGENDS AND NOTES
- M21 FLOOR PLAN - UNDERGROUND PLUMBING
- M22 FLOOR PLAN - PLUMBING
- M31 FLOOR PLAN - PIPING
- M41 FLOOR PLAN - AIR DISTRIBUTION
- M51 PIPING SCHEMATIC
- M61 SCHEDULES
- M71 MECHANICAL DETAILS

**Electrical**

SPECIFICATION - SEPARATE DOCUMENT

- E10 ELECTRICAL DRAWING LIST, LEGEND & SCHEDULES
- E11 ELECTRICAL SITE PLAN
- E21 FLOOR PLAN LIGHTING
- E22 FLOOR PLAN POWER & SYSTEMS
- E31 ELECTRICAL DETAILS & ENLARGED ROOM LAYOUT
- E32 ELECTRICAL DETAILS, PANELS & MAIN SERVICE RISER

ISSUES:	
1	APRIL 2010 PHASE 1 - 10% COMPLETION
2	MAY 14, 2010 PHASE 2 - 80% COMPLETION
3	SEPT 15, 2010 PHASE 3 - BUILDING PERMIT PRELIMINARY REVIEW
4	SEPT 29, 2010 ISSUED FOR BUILDING PERMIT / TENDER
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CORPORATE STAMP: 	ARCHITECT'S STAMP: 
<b>MURPHY &amp; MURPHY ARCHITECT INC.</b> 775 WATERLOO STREET, LONDON, ONTARIO N6A 3W5 PH: (519) 433-5161 FAX: (519) 433-5163	
A. Detail Number B. Drawing Number - Where Detail Found	
CONTRACTOR SHALL CHECK ALL DIMENSIONS ON THE DRAWINGS AND REPORT ANY DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING. ALL DRAWINGS AND SPECIFICATIONS ARE PROPERTY OF THE ARCHITECT AND MUST BE RETURNED AT THE COMPLETION OF THE WORK. DRAWINGS ARE NOT TO BE SCALED. USE ONLY THE LATEST REVISED DRAWINGS OR THOSE THAT ARE MARKED "ISSUED FOR CONSTRUCTION". ANY UNAUTHORIZED USE IS PROHIBITED. AREA CALCULATIONS ARE APPROXIMATE.	
PROJECT NAME: <b>NEW WINNIPEG STATION No. 27 PROJECT</b>	
PROJECT NORTH: SAGE CREEK, WINNIPEG, MANITOBA	
DRAWING TITLE: TITLE PAGE / NBC REVIEW / DRAWING LIST	
SCALE: AS NOTED	PROJECT NO.: <b>2261</b>
DATE: MARCH 2010	FILE NAME:
ISSUED: SEPTEMBER 29, 2010	DRAWING NO.: <b>A0.1</b>
DRAWN BY: MTR	
CHECKED BY: DRM	