



Building Envelope Council Ottawa Region

Site Tour & Presentation

- Unique Curved Metal Roof System -

St. Joseph Coptic Orthodox Church

3856 Navan Road, Navan, Ontario

Tuesday, May 9, 2023 - 11:30 AM to 2:00 PM

FREE! & OPEN TO EVERYBODY

(since space available – but limited space, so first come first served)

Courtesy of Garland Canada

St. Joseph Coptic Orthodox Church has a main barrel roof with metal panels which are 74' long, which is only six feet than the maximum shipment length in Canada. So, while panels could be shipped to span the entire roof, Garland had to curve them onsite with the portable curving machine.

The roof has a segmented metal deck to achieve the designed curvature, with 3 layers of 3"-thick polyisocyanurate insulation with z-girts buried in the layers to reduce thermal drive. The roof system also includes vapour closed membrane on the gypsum at deck level and a vapour permeable membrane over the polyiso insulation.

The roof also includes two dormers, one on the north side and the other on the south side, and the panels on the dormers are up to 60' long.

The project architect is Pye & Richards - Tempno & Young Architects (PR-TY), the consultant is Morrison Hershfield, the General Contractor is Tofcon Construction Inc, the roofing contractor is Forever Green Roofing Inc., and the roof system manufacturer/supplier is Garland Canada.

Jonnie Hasan - Building Science & Enclosure Professional, Director of Engineering & Sales Support

Jonnie is qualified by 18+ years of success in commercial construction, design build, Cladding & Roofing design, and manufacturing industries. Recognized as a Building Enclosure Design and Material Expert with manufacturing experience in Concrete, Metal, AWB, insulation and others. Highly visible member of senior leadership team with PE, Six Sigma Green Belt, PMP, WUFI, BECxP, CxA+BE & memberships in ASTM, BEC, PMI, ACI, PCI and ASCE.

There is plenty of room to park your vehicle on site.

Session will start with a working lunch, with sandwich platters and drinks enjoyed during the presentation, followed by a tour of the site.

To register, please send an email to mcneely@garlandcanada.com.

When registering, please provide your name, company name, email address, and whether or now you wish to receive a ConEd certificate.

This seminar is Eligible for 2.0 hours of ConEd Credits

You must register to attend this seminar, and we respectfully request that you register for this seminar no later than Monday, May 8, at noon.