

Notes:
SKETCH ISSUED FOR COORDINATION
Title: <div>DNA TRENT UNIVERSITY</div>
Project: <div>RESEARCH GREENHOUSE BIOENVIRONMENTAL MONITORING D. MURRAY</div>
Drawn: <div>CLS</div>
Date: <div>JULY 30, 2025</div>



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04C	TRUSS PLATE DETAILS
05A	DETAILS AND SECTIONS
05B	DETAILS AND SECTIONS

NOTES:

- TRADITIONAL STYLE WITH 5¼:12 ROOF SLOPE
- ALL OPEN DIE ALUMINUM EXTRUSIONS LESS THAN ⅜" THICKNESS ARE 6063-T52 ALLOY
- ALL OPEN DIE ALUMINUM EXTRUSIONS ⅜" OR THICKER ARE 6063-T6 ALLOY
- RIDGE & GUTTER ARE 6063-T6 ALLOY
- ALL FASTENERS ARE STAINLESS STEEL
- GLAZING: FIVE-WALL POLYCARBONATE 16mm
- FOUNDATION: CONCRETE, BY OTHERS

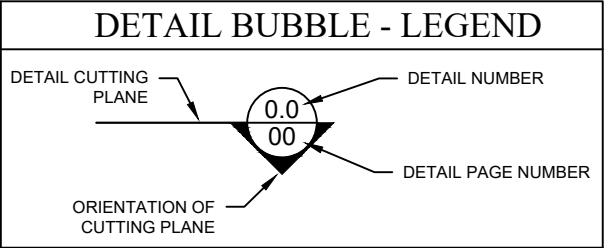
Submitted For:	Submitted On:	Rev. Description
Distribution	2025 08 11	

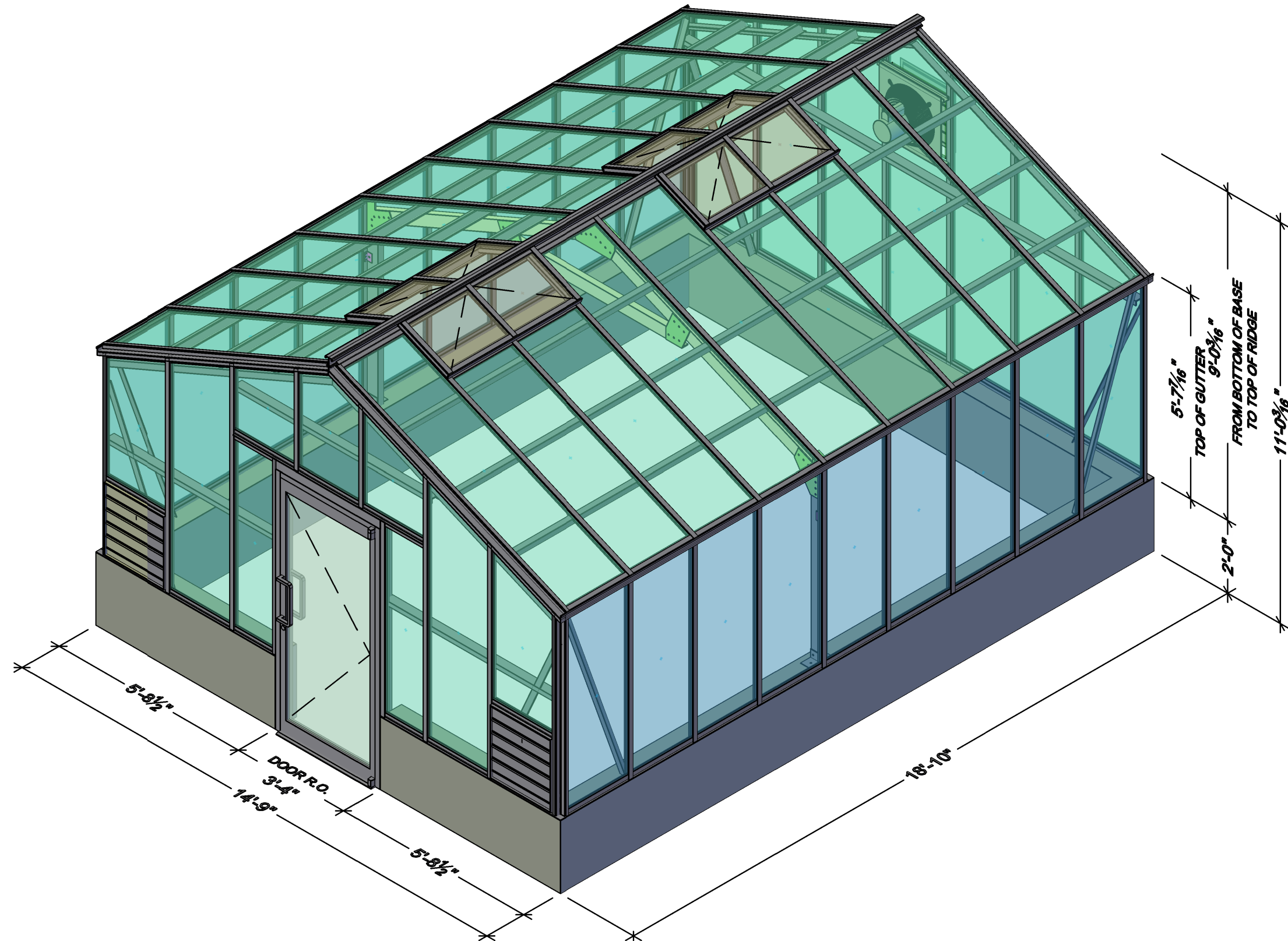
Engineer Loads & Stamp (as required):

C. Schuess



Product:	TR 1418 FW+
Customer:	Trent University 2140 East Bank Drive Peterborough, ON K9L 1Z8
Drawn By:	RR
Checked By:	BG
Page No.:	00






3D VIEW
Scale: N.T.S.

Submitted For:	Submitted On:	Rev. Description
Distribution	2025 08 11	

Engineer Loads & Stamp (as required):



CROSS COUNTRY
GREENHOUSES
HOBBY AND CUSTOM

Product: TR 1418 FW+

Customer: Trent University
2140 East Bank Drive
Peterborough, ON K9L 1Z8

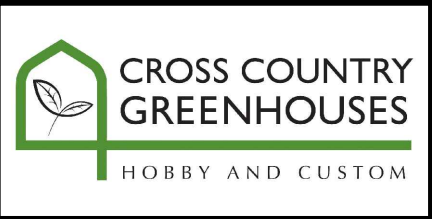
Drawn By: RR

Checked By: BG

Page No.: 01

Submitted For:	Submitted On:	Rev. Description
Distribution	2025 08 11	

Engineer Loads & Stamp (as required):



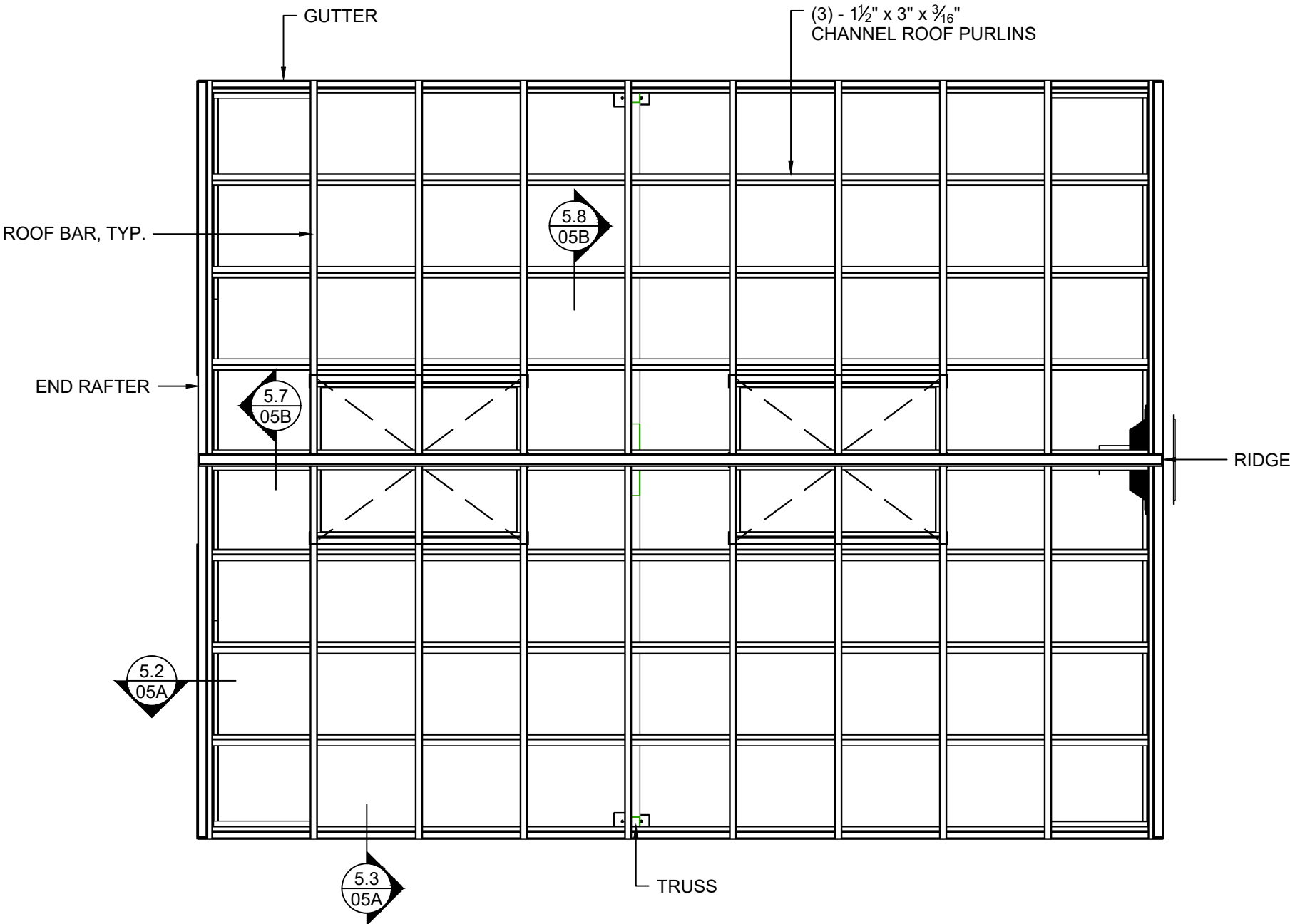
Product: TR 1418 FW+

Customer: Trent University
2140 East Bank Drive
Peterborough, ON K9L 1Z8

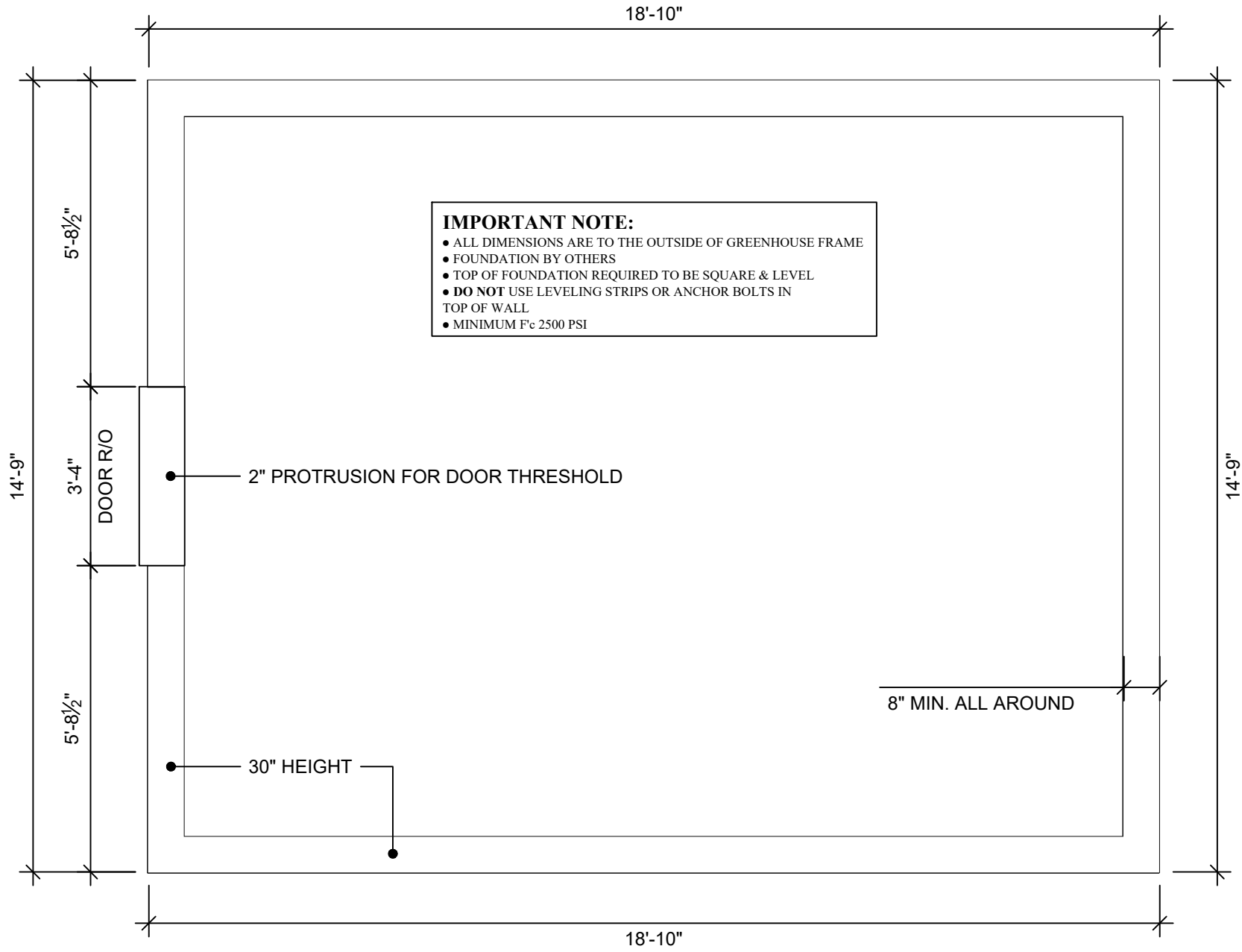
Drawn By: RR

Checked By: BG

Page No.: 02A



ROOF TOP PLAN
Scale: 3/8" = 1'-0"



IMPORTANT NOTE:

- ALL DIMENSIONS ARE TO THE OUTSIDE OF GREENHOUSE FRAME
- FOUNDATION BY OTHERS
- TOP OF FOUNDATION REQUIRED TO BE SQUARE & LEVEL
- **DO NOT** USE LEVELING STRIPS OR ANCHOR BOLTS IN TOP OF WALL
- MINIMUM F'c 2500 PSI

FOUNDATION PLAN LAYOUT
Scale: 3/8" = 1'-0"

Submitted For:	Submitted On:	Rev. Description
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Engineer Loads & Stamp (as required):



CROSS COUNTRY
GREENHOUSES
HOBBY AND CUSTOM

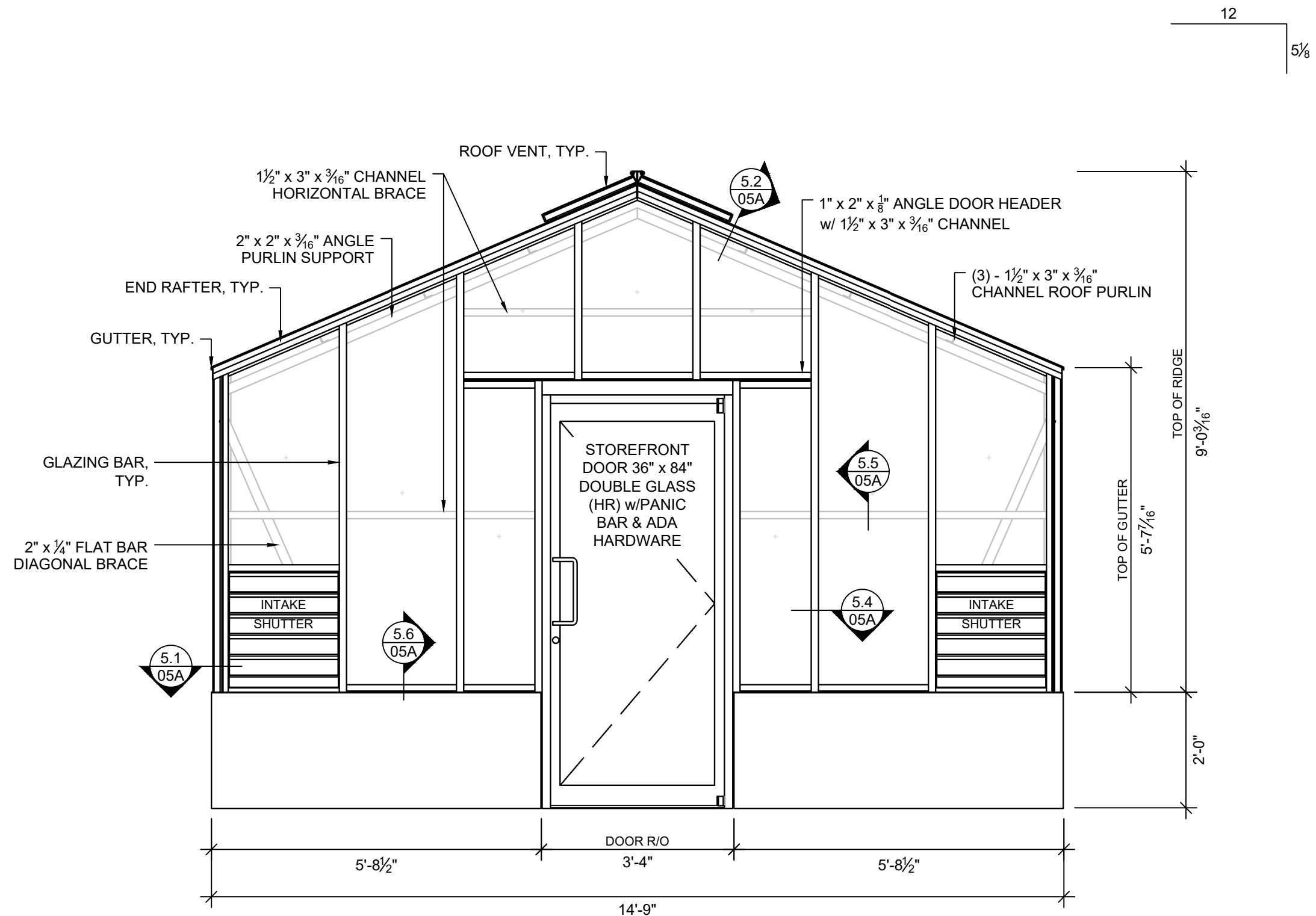
Product: TR 1418 FW+

Customer: Trent University
2140 East Bank Drive
Peterborough, ON K9L 1Z8

Drawn By: RR

Checked By: BG

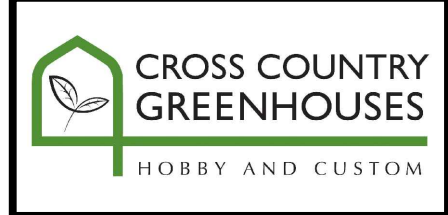
Page No.: 02B



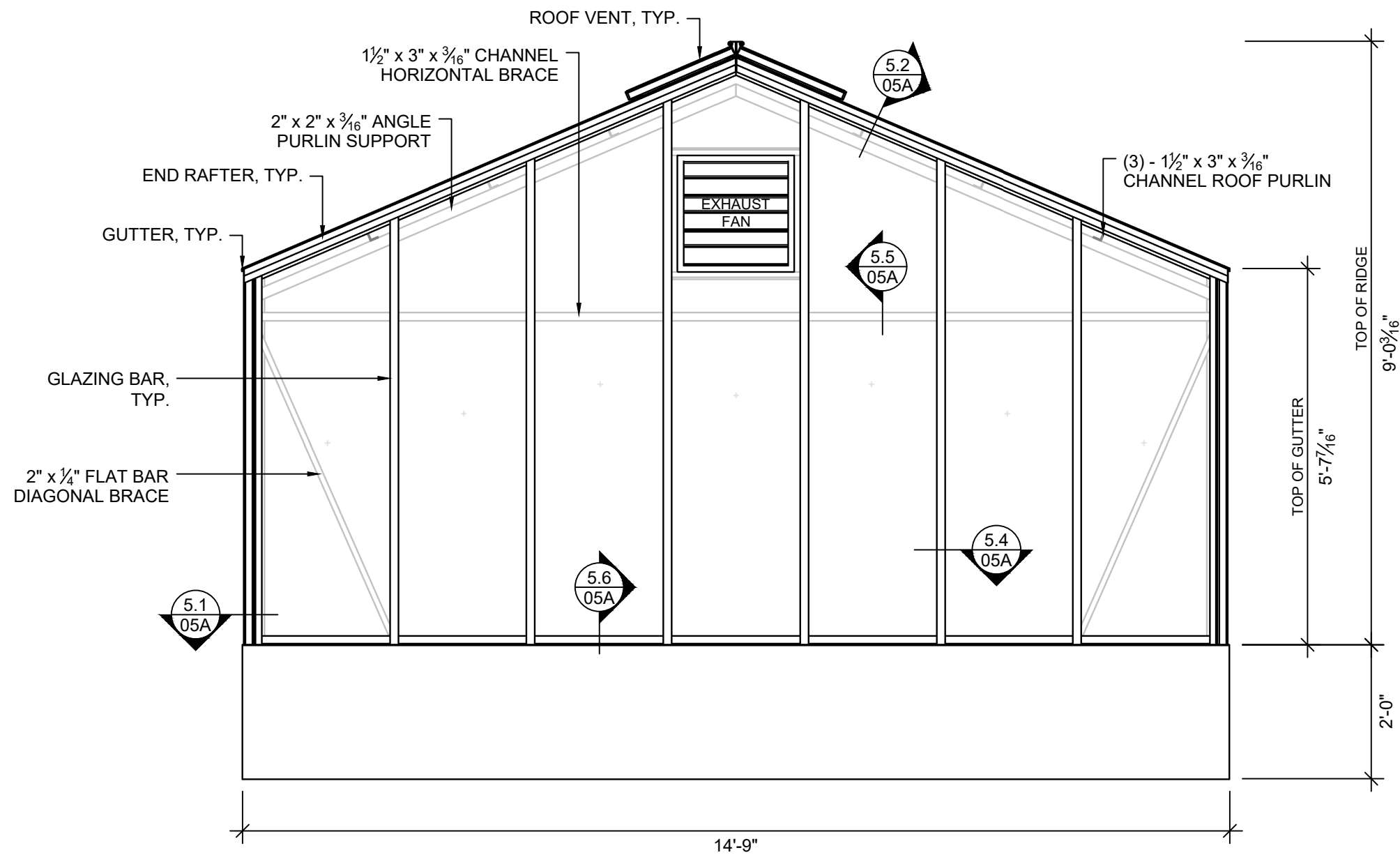
FRONT ELEVATION
Scale: 1/2" = 1'-0"

Submitted For:	Submitted On:	Rev. Description
Distribution	2025 08 11	

Engineer Loads & Stamp (as required):



Product:	TR 1418 FW+
Customer:	Trent University 2140 East Bank Drive Peterborough, ON K9L 1Z8
Drawn By:	RR
Checked By:	BG
Page No.:	03A




REAR ELEVATION

Scale: 1/2" = 1'-0"

Submitted For:	Submitted On:	Rev. Description
Distribution	2025 08 11	

Engineer Loads & Stamp (as required):



CROSS COUNTRY
GREENHOUSES

HOBBY AND CUSTOM

Product: TR 1418 FW+

Customer: Trent University
2140 East Bank Drive
Peterborough, ON K9L 1Z8

Drawn By: RR

Checked By: BG

Page No.: 03B

Submitted For:	Submitted On:	Rev. Description
Distribution	2025 08 11	

Engineer Loads & Stamp (as required):



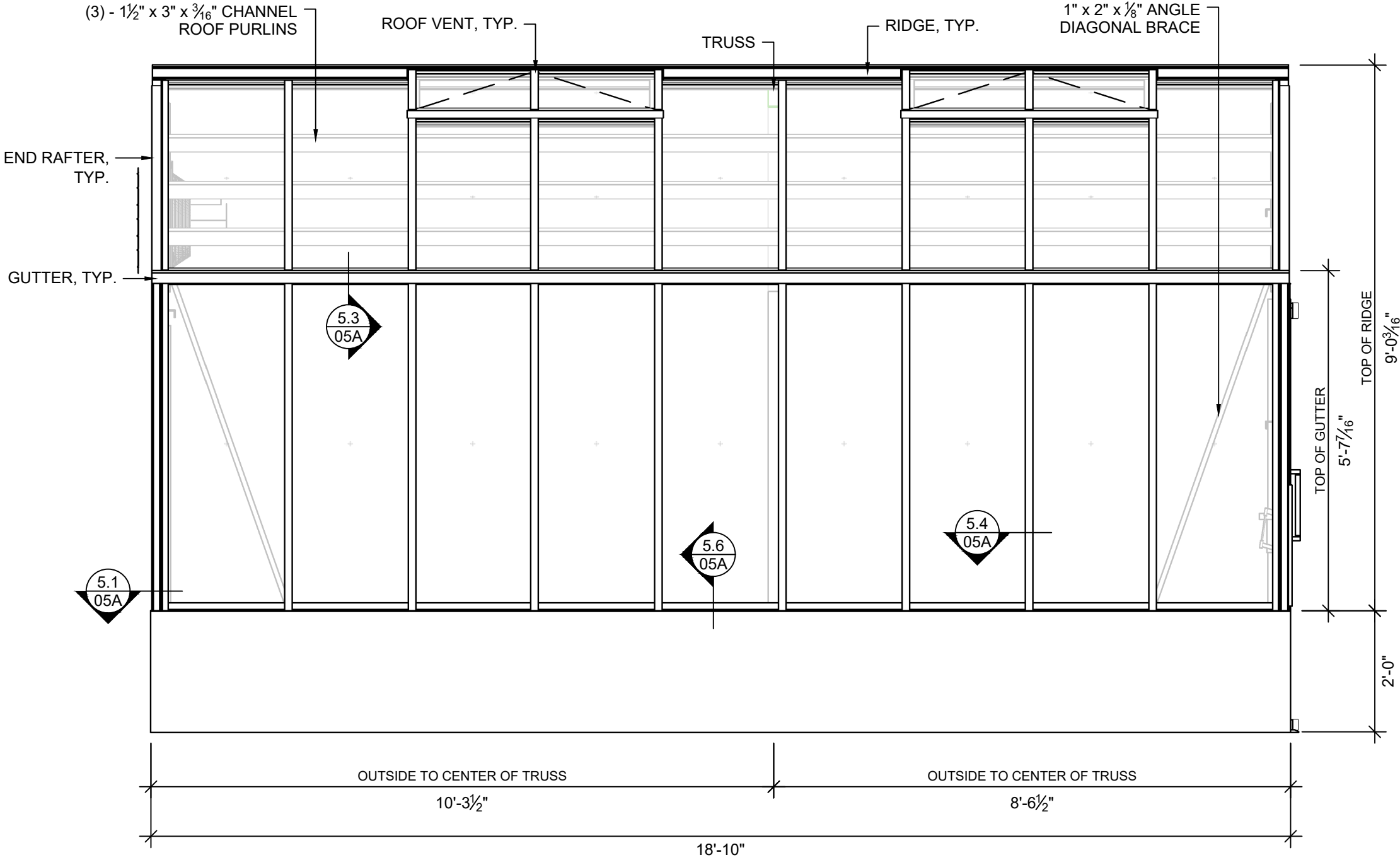
Product: TR 1418 FW+

Customer: Trent University
2140 East Bank Drive
Peterborough, ON K9L 1Z8

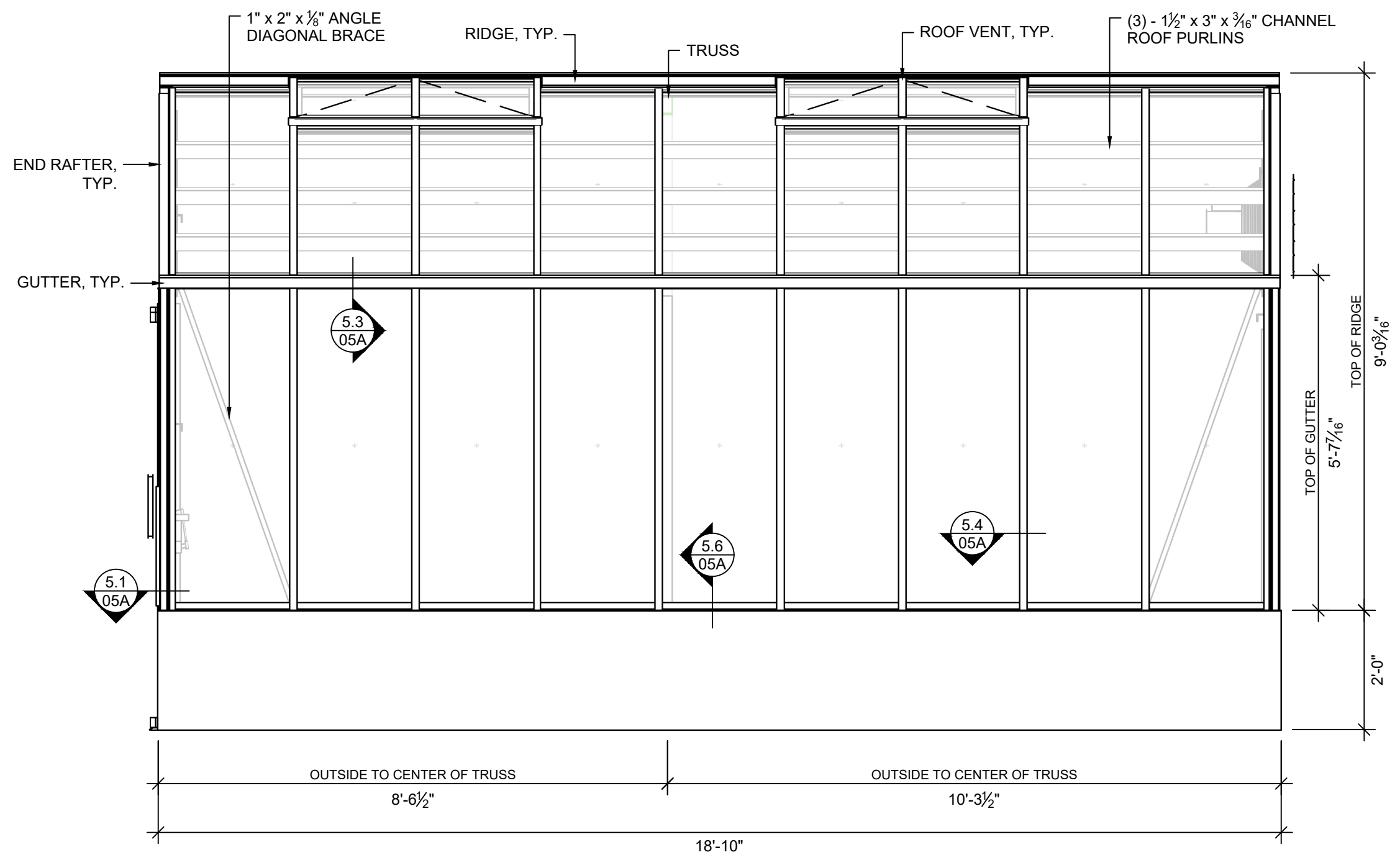
Drawn By: RR

Checked By: BG

Page No.: 03C



LEFT ELEVATION
Scale: 1/2" = 1'-0"



RIGHT ELEVATION
Scale: 1/2" = 1'-0"

Submitted For:	Submitted On:	Rev. Description
Distribution	2025 08 11	

Engineer Loads & Stamp (as required):



CROSS COUNTRY
GREENHOUSES

HOBBY AND CUSTOM

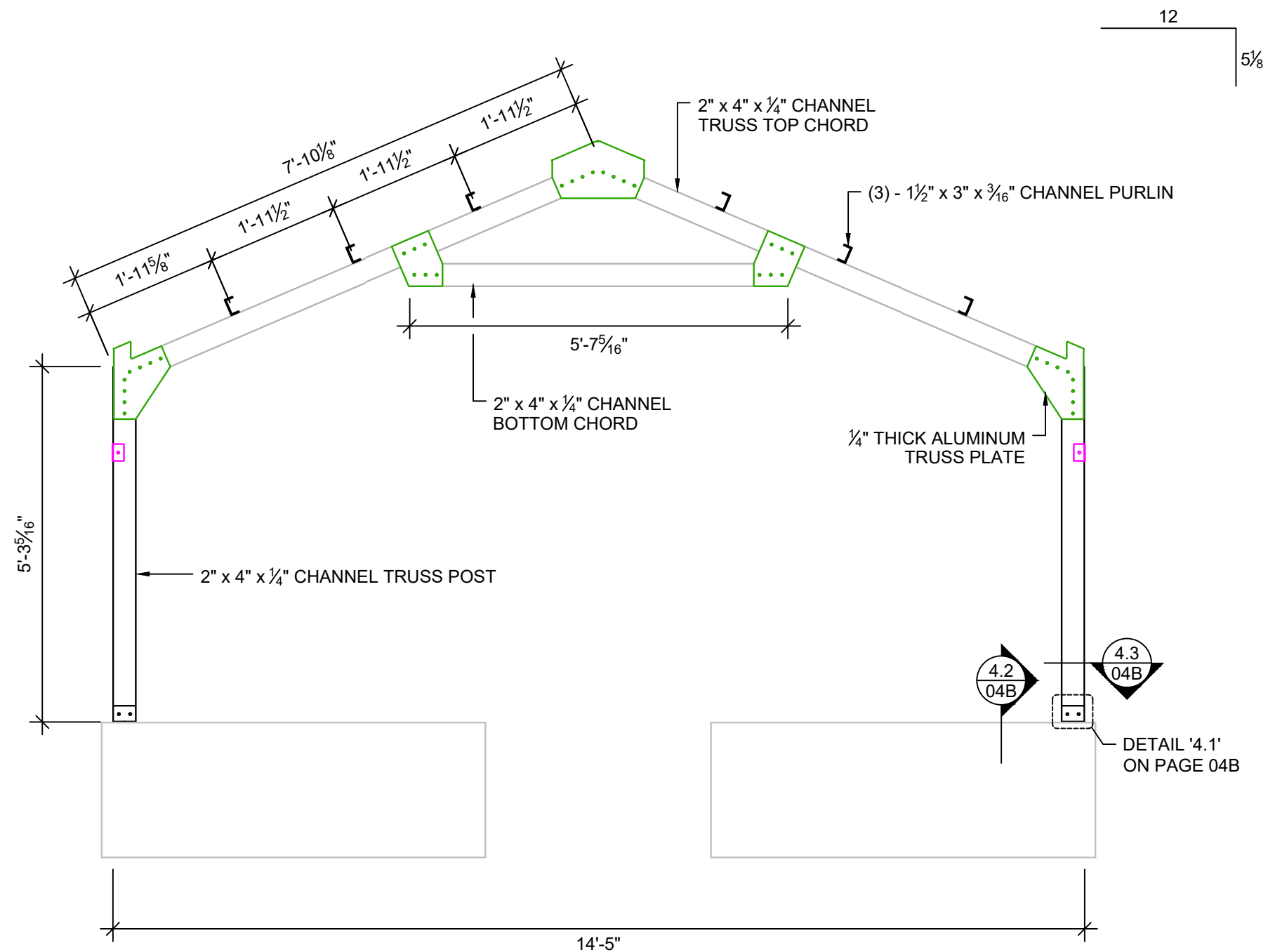
Product: TR 1418 FW+

Customer: Trent University
2140 East Bank Drive
Peterborough, ON K9L 1Z8

Drawn By: RR

Checked By: BG

Page No.: 03D



TRUSS ELEVATION
Scale: 1/2" = 1'-0"

Submitted For:	Submitted On:	Rev. Description
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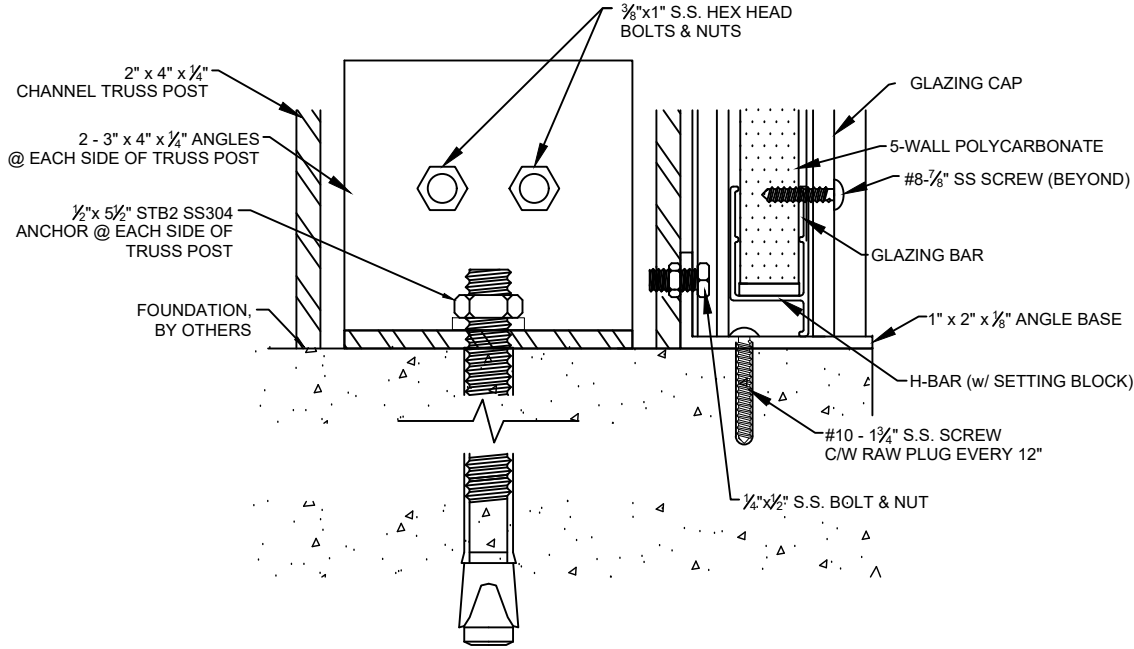
Engineer Loads & Stamp (as required):



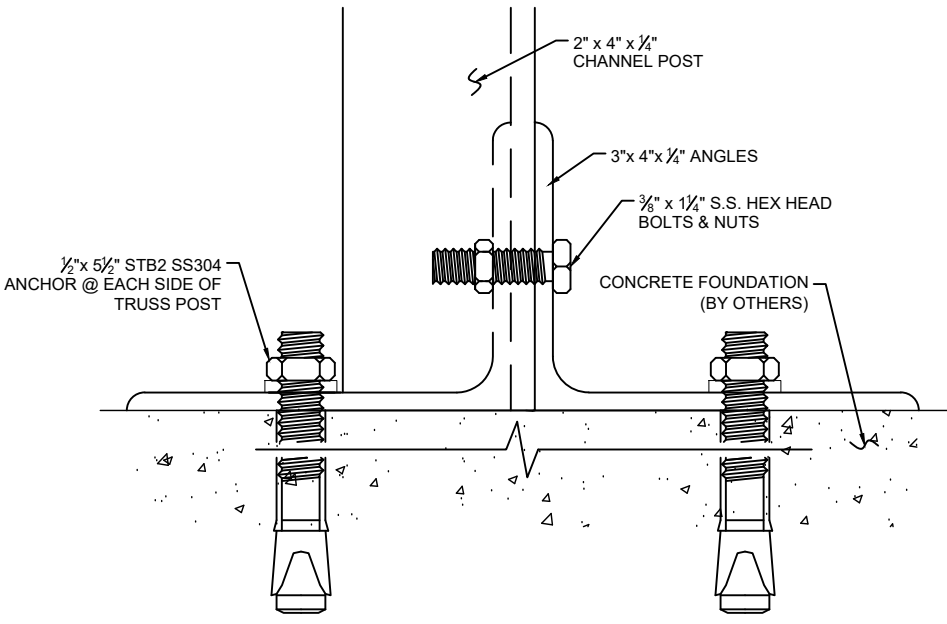
Product:	TR 1418 FW+
Customer:	Trent University 2140 East Bank Drive Peterborough, ON K9L 1Z8
Drawn By:	RR
Checked By:	BG
Page No.:	04A

Submitted For:	Submitted On:	Rev. Description
Distribution	2025 08 11	

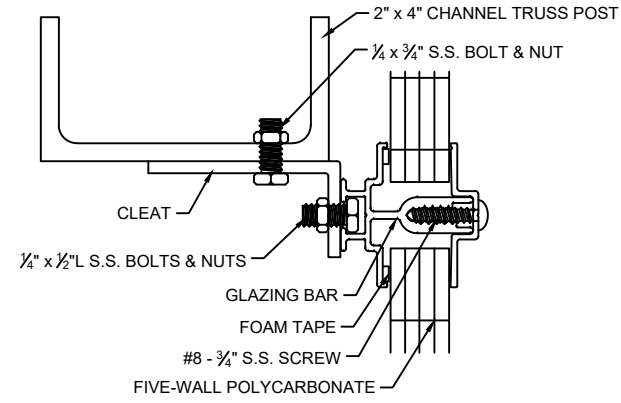
Engineer Loads & Stamp (as required):



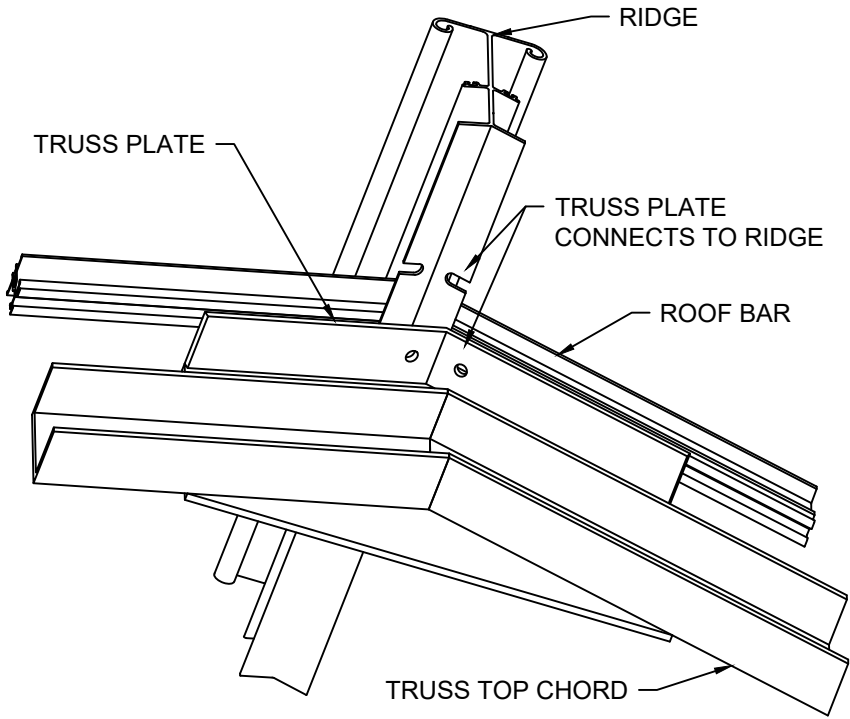
4.1 TRUSS/GABLE POST ANCHOR @ BASE
Scale: 6" = 1' - 0"



4.2 TRUSS/GABLE POST ANCHOR
Scale: NTS



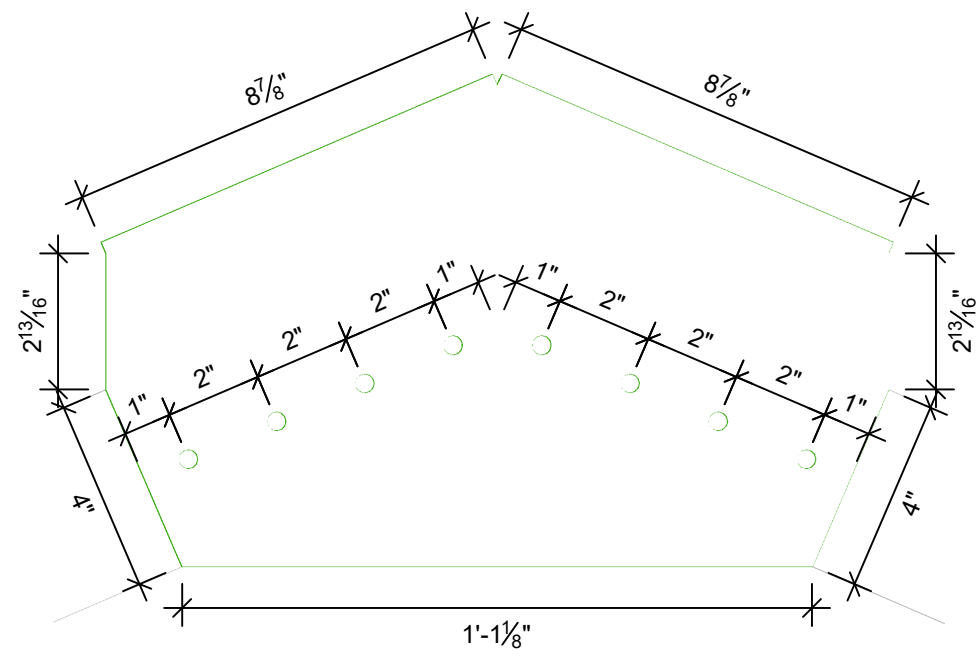
4.3 TRUSS POST CLEAT DETAIL
Scale: 6" = 1' - 0"



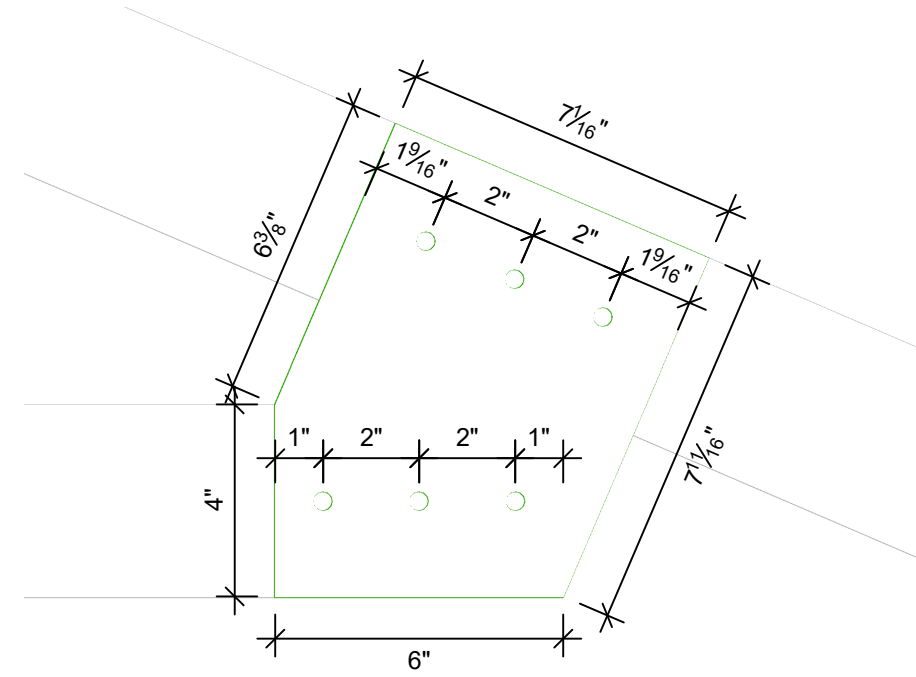
4.4 3D TRUSS PLATE AT RIDGE (VIEWED FROM INSIDE)
Scale: NTS



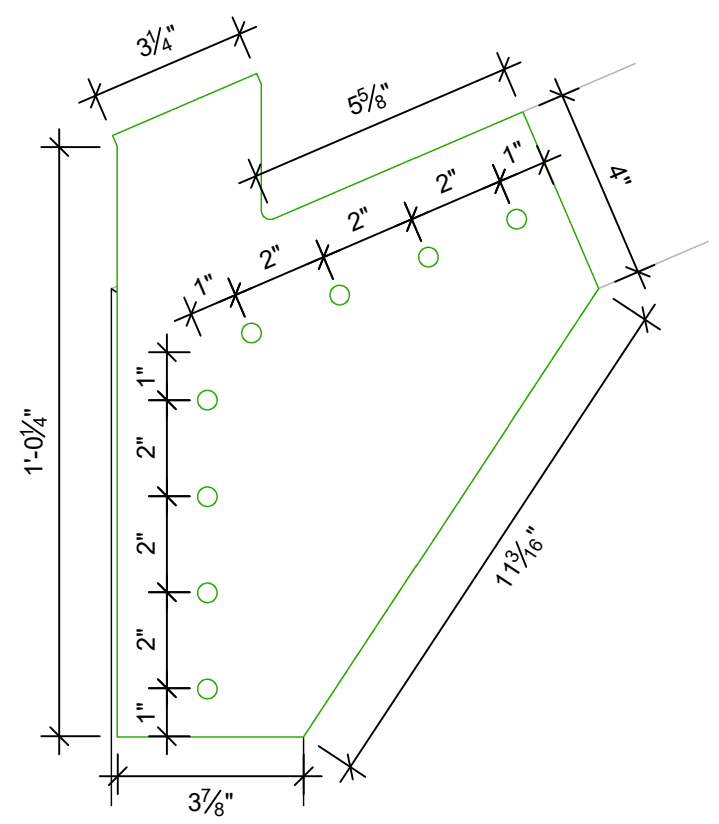
Product:	TR 1418 FW+
Customer:	Trent University 2140 East Bank Drive Peterborough, ON K9L 1Z8
Drawn By:	RR
Checked By:	BG
Page No.:	04B



4.5 **PEAK PLATE**
Scale: 3" = 1' - 0"



4.6 **COLLAR TIE PLATE**
Scale: 3" = 1' - 0"



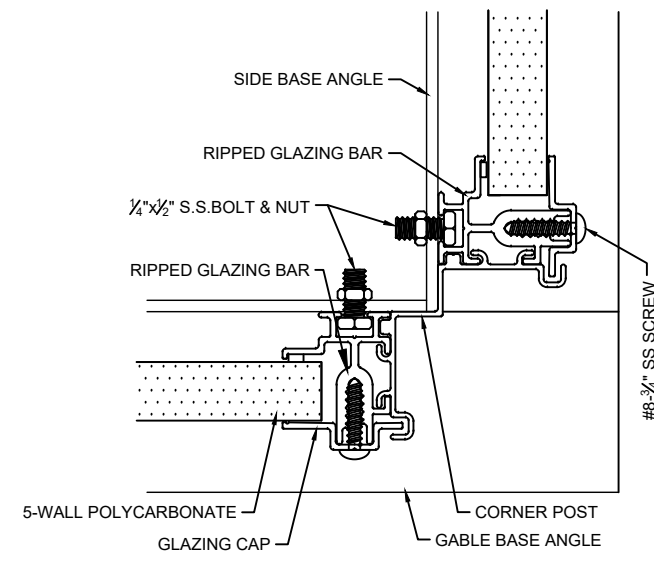
4.7 **CORNER PLATE**
Scale: 3" = 1' - 0"

Submitted For:	Submitted On:	Rev. Description
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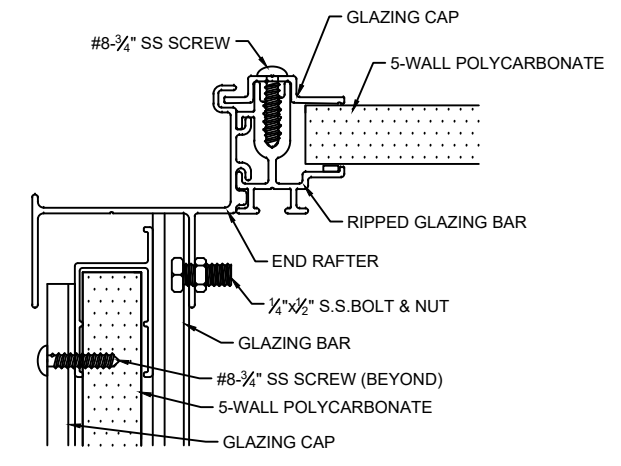
Engineer Loads & Stamp (as required):



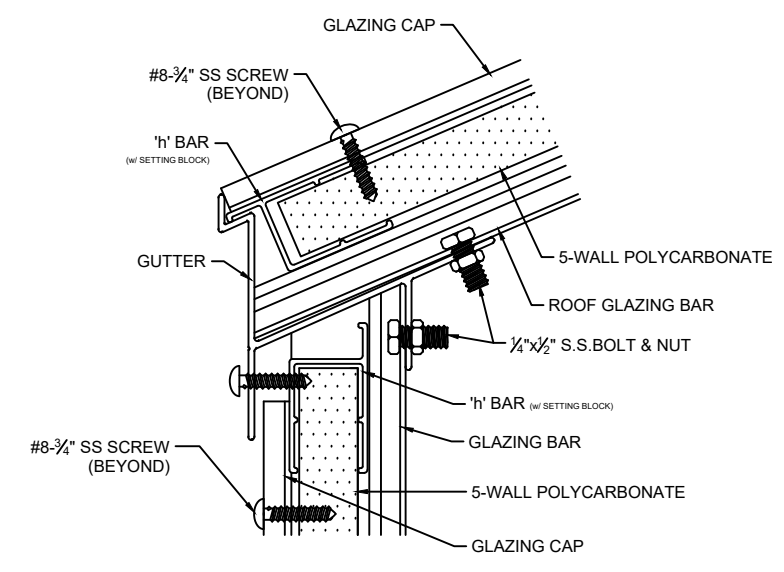
Product:	TR 1418 FW+
Customer:	Trent University 2140 East Bank Drive Peterborough, ON K9L 1Z8
Drawn By:	RR
Checked By:	BG
Page No.:	04C



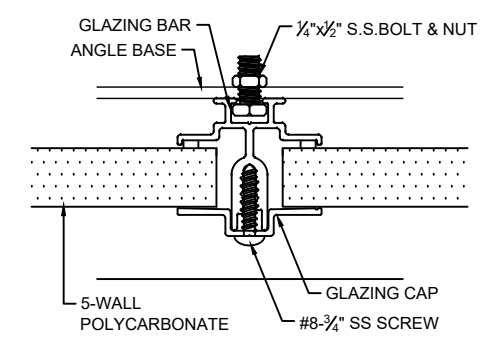
5.1 CORNER POST DETAIL
Scale: 6" = 1' - 0"



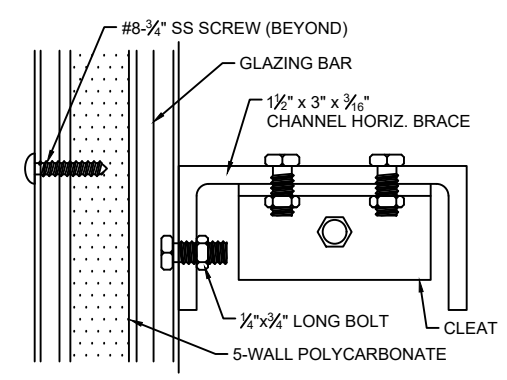
5.2 END RAFTER SECTION
Scale: 6" = 1' - 0"



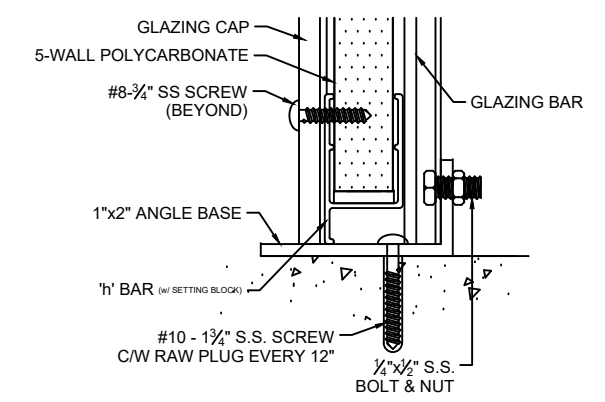
5.3 GUTTER SECTION
Scale: 6" = 1' - 0"



5.4 GLAZING BAR
Scale: 6" = 1' - 0"



5.5 HORIZONTAL BRACE CONNECTION SECTION
Scale: 6" = 1' - 0"



5.6 BASE SECTION
Scale: 6" = 1' - 0"

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Engineer Loads & Stamp (as required):



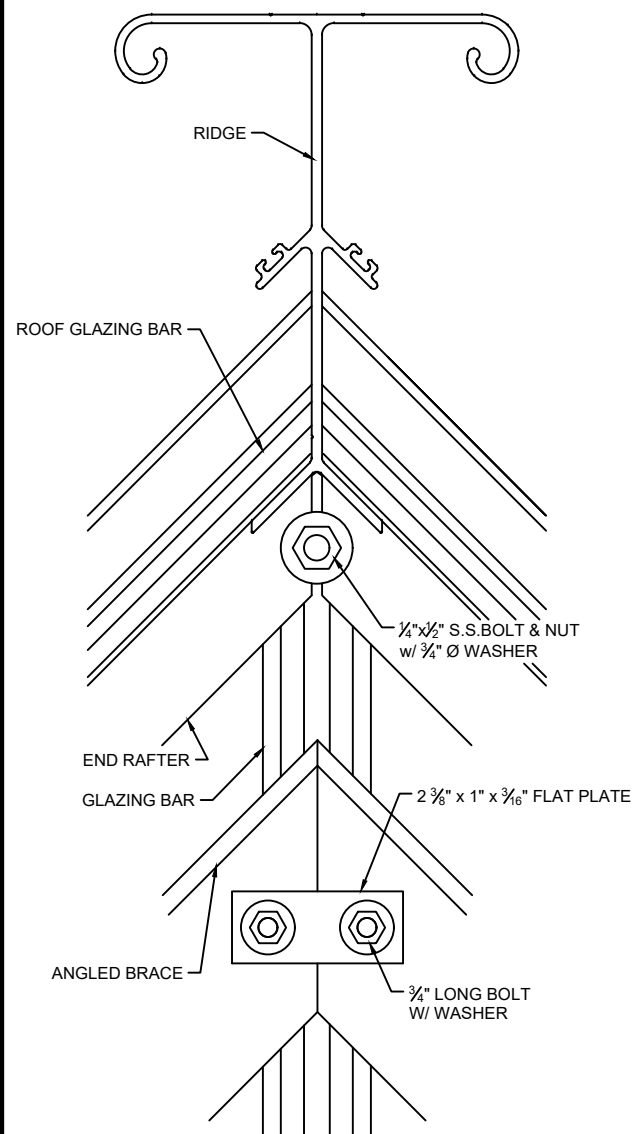
Product: **TR 1418 FW+**

Customer: **Trent University**
2140 East Bank Drive
Peterborough, ON K9L 1Z8

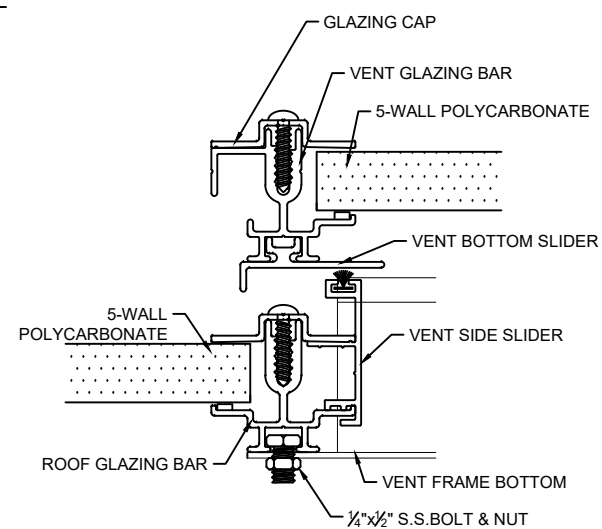
Drawn By: **RR**

Checked By: **BG**

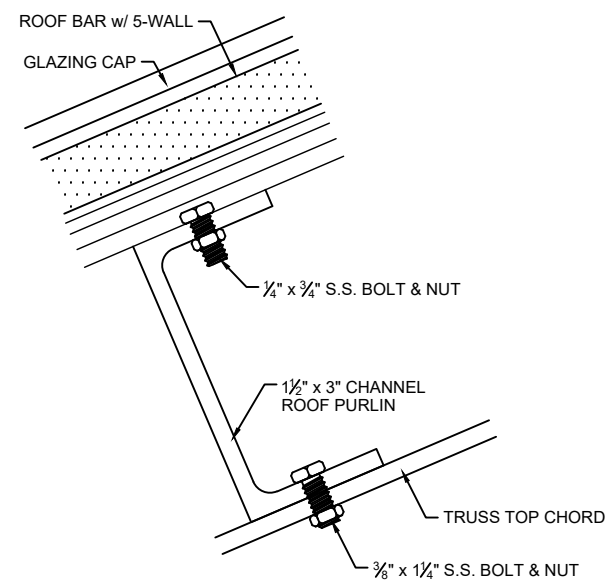
Page No.: **05A**



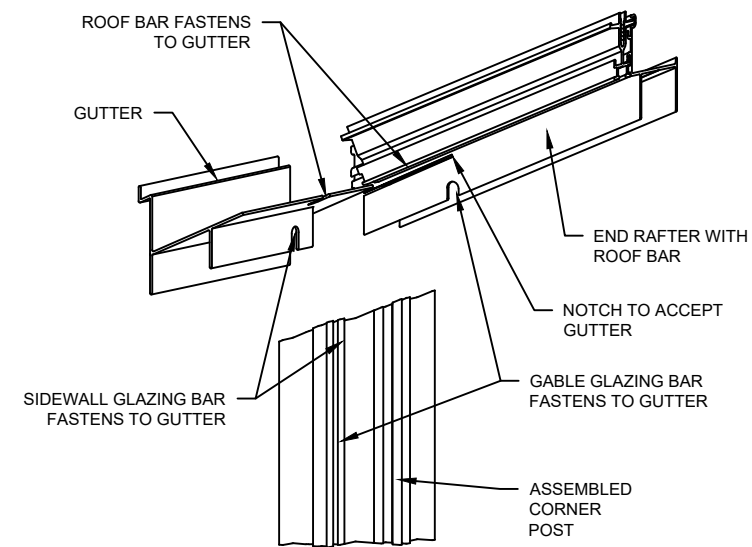
5.7 END RAFTER MITRE DETAIL
Scale: 6" = 1' - 0"



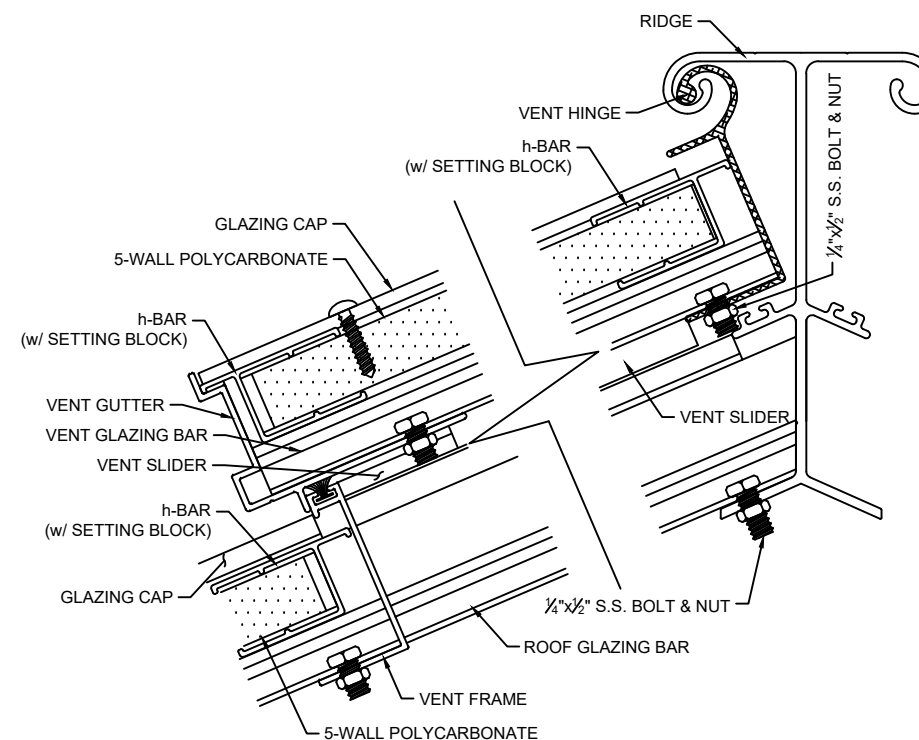
5.10 ROOF VENT DETAIL
Scale: 6" = 1' - 0"



5.8 PURLIN SECTION
Scale: 6" = 1' - 0"



5.9 3D CORNER ASSEMBLY DETAIL
Scale: NTS



5.11 VENT & RIDGE SECTION
Scale: 6" = 1' - 0"

Submitted For:	Submitted On:	Rev. Description
Distribution	2025 08 11	

Engineer Loads & Stamp (as required):



Product: **TR 1418 FW+**

Customer: **Trent University**
2140 East Bank Drive
Peterborough, ON K9L 1Z8

Drawn By: **RR**

Checked By: **BG**

Page No.: **05B**

Suzanne Corbishley

From: solutions@on1call.com
Sent: Wednesday, May 28, 2025 9:39 AM
To: fix-it
Subject: Request 20252212958

EXTERNAL: [Use caution.](#)



LOCATE REQUEST CONFIRMATION

REQUEST #:
20252212958

REQUEST PRIORITY:
STANDARD

REQUEST TYPE: REGULAR

WORK TO BEGIN DATE:
06/04/2025

Update of Request # **Project #:**

Call Date: 05/28/2025 09:27:16 AM

Transmit Date: 05/28/2025 09:38:40 AM

REQUESTOR'S CONTACT INFORMATION

Contractor ID: 73671

Contact Name: SUE CORBISHLEY

Company Name: TRENT UNIVERSITY

Address: 1600 WEST BANK DRIVE, PETERBOROUGH, ON, K9L0G2

Email: fixit@trentu.ca

Primary Phone #: (705) 748-1011 Ext: 1366

Cell Phone #:

Contact Name: DAVID COTIE

Contact #: (705) 927-6421

DIG INFORMATION

Region/County:
PETERBOROUGH

Community:

City: PETERBOROUGH

Address: 2140, EAST BANK DR

Intersecting Street 1:
GZOWSKI WAY

Intersecting Street 2: NASSAU
MILLS RD

Work Done for: TRENT
UNIVERSITY

Reason for Work:
CONSTRUCTION

Dig Method: Hand Dig,
Machine Dig

Depth: Up to 4 Feet

Pre-Marked: Area Not Pre-Marked

Property Type: Private Property

Site Meeting: Yes - Provide Contact Details below if different from
Contact Information

Work End Date:

ADDITIONAL INFORMATION	QUALIFYING INFORMATION
CONCRETE BASE FOR GREENHOUSE INSTALLATION. CONTACT IS DAVID COTIE, 705-927-6421. HRS MON-FRI, 7:30-3:30.	

MEMBERS NOTIFIED: The following owners of underground infrastructure in the area of your excavation site have been notified.		
Member Name	Station Code	Initial Status
PROMARK FOR ENBRIDGE GAS (ENGE01)	ENGE01	Notification sent
PROMARK FOR CITY OF PETERBOROUGH - WATER (PTBOU01)	PTBOU01	Notification sent
TRENT UNIVERSITY (TRENTU01)	TRENTU01	Notification sent
CITY OF PETERBOROUGH (PTRB01)	PTRB01	Notification sent
PROMARK FOR HYDRO ONE (PTBH01)	PTBH01	Notification sent

MAP SELECTION: Map Selection provided by the Excavator through Ontario One Call's Map tool or through agent interpretation by ph

Google

Name: dnagreenhouse

Area: 568.41sq. m

IMPORTANT INFORMATION: Please read.

Defining "NC" - Non-Compliant

- Non-compliant members have not met their obligations under section 5 of the Ontario Underground Infrastructure Notification Act. ON1Call has notified these members to ensure they are aware of your excavation. In this circumstance, should the member not respond, the excavator should contact the member directly to obtain their locates or request a status. ON1Call will not be provided with a locate status from the member regarding this request and therefore, cannot provide further information at this time. For locate status contact information please refer to our website.

You have a valid locate when...

- You have reviewed your locate request information for accuracy. UPDATE your request IMMEDIATELY if changes are needed and obtain a corrected locate request confirmation.

NOTE: Intersecting streets are often suggested by Ontario One Call's system, in some circumstances they may not reflect the closest intersecting streets to your excavation. You can change the intersecting streets before submitting the request by going through the "Review" page of your locate request, and editing any inaccurate information. Intersecting streets are for reference only, and unless you change the streets manually, you will not be asked to correct them if they are chosen by the system. If you don't agree with a street name, make sure to edit the request before you submit it, if you found a mistake after submitting the request, update your requests immediately on the web portal.

- You have obtained locates or clearances from all ON1Call members listed in this request before beginning your dig.

You've met your obligations when...

- You respect the marks and instructions provided by the locators and dig with care; the marks and locator instructions MUST MATCH. You must wait for responses from all members notified on your locate request before beginning to dig..
- You have obtained any necessary permits from the municipality in which you are digging.
- You have made Ontario One Call aware if you have come across any new or unlisted infrastructure in the public right of way AND stopped digging to prevent damages while we review.
- You have arranged for locates for your private lines on your private property - where applicable.

What does "Cleared" mean in the "Initial Status" section?

1. The information that you have provided about your dig will not affect that member's underground infrastructure and they have provided you with a clearance, if anything about your excavation changes, please ensure that you update your request immediately.

What are the images under "Map Selection"?

1. A drawing created by an excavator directly within Ontario One Call's Web request tool, this is expected to be an accurate rendition of the dig site, and it is the excavator's responsibility to ensure the location matches the information they provide under the 'Dig Location'; section OR;

2. A drawing created by an Ontario One Call agent, this drawing is based on a verbal description by phone of the area by the excavator. Agents may create drawings that are larger than the proposed dig to minimize risk of interpretation. It is the excavator's responsibility to review these map selections for accuracy. Changes can be made by the excavator through the Web request tool, to learn how visit www.ontarioonecall.ca.

3. All drawings dictate which members are notified.

Suzanne Corbishley

From: City of Peterborough <noreply@peterborough.ca>
Sent: Thursday, May 29, 2025 8:33 AM
To: fix-it
Subject: Locate Request One Call Number: 20252212958 Locate at: 2140 EAST BANK DR

EXTERNAL: [Use caution.](#)

The City of Peterborough maintains the following underground infrastructure:

- 1) Storm and Sanitary Sewer by Public Works Division
- 2) Traffic Signal Infrastructure by Transportation Division
- 3) Street Light Infrastructure by Engineering and Construction Division

Acknowledgement of locate completion is required from all three divisions. Please accept this notice as confirmation of an ALL CLEAR from Public Works regarding item 1) Storm and Sanitary. The other divisions will respond separately.

Thank you and have a great day.

It is understood that the above information provided from the Public Works Division represents the City of Peterborough's knowledge concerning the location of the Underground Plant. The Underground Plant are given as accurately as possible, but because of the limitations in the equipment used to locate the Underground Plant, the City of Peterborough is unable to guarantee the accuracy of the Underground Plant and assumes absolutely NO liability for errors or damages beyond its control. Hand digging is mandatory to uncover the underground plant, particularly within 1.0 metre of the markings provided. Any damages incurred to City of Peterborough property is the responsibility of the contractor, homeowner, or other utility as applicable. If the stakes or markings disappear, or are displaced, or if work is not started and/or completed within 60 days of the Date of Locate, a new record of locate must be obtained from the Public Works division.

Disclaimer

The information contained in this communication from the sender is confidential. It is intended solely for use by the recipient and others authorized to receive it. If you are not the recipient, you are hereby notified that any disclosure, copying, distribution or taking action in relation of the contents of this information is strictly prohibited and may be unlawful.

Suzanne Corbishley

From: City of Peterborough <noreply@peterborough.ca>
Sent: Thursday, May 29, 2025 11:09 AM
To: fix-it
Subject: Locate Request One Call Number: 20252212958 Locate at: 2140 EAST BANK DR

EXTERNAL: [Use caution.](#)

The City of Peterborough maintains the following underground infrastructure:

- 1) Storm and Sanitary sewer by Public Works Division
- 2) Traffic Signal Infrastructure by Transportation Division
- 3) Street Light Infrastructure by Engineering and Construction Division

Acknowledgement of locate request is required by all three divisions.

Please consider this notification that Traffic Light Infrastructure - Item #2 is ALL CLEAR. Other divisions will respond separately.

Thank you and have a great day.

It is understood that the above information provided from the Public Works Division represents the City of Peterborough's knowledge concerning the location of the Underground Plant. The Underground Plant are given as accurately as possible, but because of the limitations in the equipment used to locate the Underground Plant, the City of Peterborough is unable to guarantee the accuracy of the Underground Plant and assumes absolutely NO liability for errors or damages beyond its control. Hand digging is mandatory to uncover the underground plant, particularly within 1.0 metre of the markings provided. Any damages incurred to City of Peterborough property is the responsibility of the contractor, homeowner, or other utility as applicable. If the stakes or markings disappear, or are displaced, or if work is not started and/or completed within 60 days of the Date of Locate, a new record of locate must be obtained from the Public Works division.

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Suzanne Corbishley

From: Robert Smuk <RSmuk@peterborough.ca>
Sent: Thursday, May 29, 2025 10:36 AM
To: fix-it
Subject: Streetlight Locate-20252212958-2140 East Bank Dr-CLEAR

EXTERNAL: [Use caution.](#)

ONSITE INFRASTRUCTURE TO BE LOCATED BY OWN FORCES:

The City of Peterborough maintains the following underground infrastructure:

- 1) Storm and Sanitary Sewer by Public Works Division
- 2) Traffic Signal Infrastructure by Transportation Division
- 3) STREETLIGHT Infrastructure by Engineering and Construction Division

Acknowledgment of locate request is required by all three divisions.

*Underground **CITY OWNED STREETLIGHT** Infrastructure is **ALL CLEAR** in the area described in the locate request. Locate is valid for 60 days.

Peterborough 175 | 1850-2025 | Celebrating the foundation of our future



Robert Smuk

Engineering Draftsperson
Engineering and Capital Works
Infrastructure and Planning Services
City of Peterborough
Cell: 705-957-7685
rsmuk@peterborough.ca
peterborough.ca



The City of Peterborough respectfully acknowledges that it is on the treaty and traditional territory of the Mississauga Anishinaabeg and offers its gratitude to the First Peoples for their care for, and teachings about, our earth and our relations. May those teachings be honoured.

It is understood that the above information provided from the Engineering and Construction Division's records represents the City of Peterborough's knowledge concerning the location of the Underground Plant (Streetlight Electrical Cables). The Underground Plant are given as accurately as possible, but because of limitations in the equipment used to locate the Underground Plant, the City of Peterborough is unable to guarantee the accuracy of the Underground Plant and assumes NO liability for errors or damages beyond its control. Hand digging is mandatory until the Underground Plant is exposed particularly within 1.0 meter of the markings provided. Any damages done to City of Peterborough property is the

responsibility of the contractor, homeowner or other utility, as applicable. If the stakes or markings disappear, or are displaced, or if work is not started and/or completed within 60 days of the Date of Locate, a new Record of Locate must be obtained.

Disclaimer

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Primary Locate Sheet

NORMAL

Request #
20252212958

LocateFollowup@Promark-Telecon.ca

Location of underground infrastructures

Phone: 905-474-1114

Toll Free: 1-888-883-6273

Utilities Located: <input type="checkbox"/> Bell <input type="checkbox"/> Gas <input type="checkbox"/> Hydro <input type="checkbox"/> Street Lighting <input type="checkbox"/> 360 <input type="checkbox"/> Water <input type="checkbox"/> Sanitary <input type="checkbox"/> Traffic <input type="checkbox"/> Storm <input type="checkbox"/> Rogers		Revised Excavation Date mm/dd/yyyy	Excavation Date 2025-06-04 5:00:00 PM mm/dd/yyyy	Status STANDARD
Requested by: SUE CORBISHLEY	Company: TRENT UNIVERSITY	Phone: (705)-748-1011 ext.1366	Fax/email: FIXIT@TRENTU.CA	Homeowner <input type="checkbox"/> Contractor <input type="checkbox"/> Project <input type="checkbox"/>

Appt Date: mm/dd/yyyy	Received Date: 2025-05-28 9:38:00 AM mm/dd/yyyy	Locate Address: 2140 EAST BANK DR 1st Inters.: GZOWSKI WAY 2nd Inters.: NASSAU MILLS RD
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Type of work: CONSTRUCTION	City: PETERBOROUGH
-------------------------------	------------------------------

Caller's Remarks:
 CONCRETE BASE FOR GREENHOUSE INSTALLATION. CONTACT IS DAVID COTIE, 705-927-6421. HRS MON-FRI, 7:30-3:30. NO_PLAN:

-78.285017, 44.357904, NB_SEGMENTS::1, PTBH01 PROMARK FOR HYDRO ON, PTRB01 CITY OF PETE, PTRB01 CITY OF PETERBOROUGH, TRENTU01 TRENT UNIV, TRENTU01 TRENT UNIVERSITY (TR, PTBOU01 PROMARK FOR CITY OF ENGE01 PROMARK FOR, ENGE01 PROMARK FOR

Bell Mark Clear	Gas Mark Clear	Hydro Mark Clear	Street Lighting Mark Clear	Traffic Mark Clear	Water Mark Clear	Storm Mark Clear	Sanitary Mark Clear	Rogers Mark Clear
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LOCATED AREA: EXCAVATOR SHALL NOT WORK OUTSIDE LOCATED AREA WITHOUT OBTAINING ANOTHER LOCATE.

Records Reference: <input type="checkbox"/> GMobile <input type="checkbox"/> LAC Multiviewer <input type="checkbox"/> FRA # Field Notes, As-Laid, Service Sketches: Locator Remarks:	<input type="checkbox"/> Third Party Notification _____ Apply Sticker Here if Required
---	---

Excavator shall notify & receive a clearance from utility prior to excavation for the following: **Telecon** ☐ High Priority Cable ☐ Central Office Vicinity **GAS MATERIAL TYPE:** ☐ Steel (ST) ☐ Plastic (PE) ☐ Copper (GP)

Method of Field Marking: ☐ Paint ☐ Stakes ☐ Flags ☐ Offset Flags ☐ Other
 Colour Indicator: **Telecom = Orange Gas = Yellow Traffic / Hydro = Red Sewer = Green Water = Blue**

Caution: Bell, 360 and City of Toronto Water locates are valid for the life of the excavation. Region of Peel & Rogers locates are valid for 90 days. Oshawa Hydro, Hydro One, Elexicon, Toronto Hydro, Town of Ajax, Town of Whitby, Peterborough Utilities, City of Toronto Traffic, and Enbridge Gas locates are valid for 60 days. All other Utility locates VOID after 30 days.

Caution: Any changes to location or nature of work will require a new locate. The excavator must not work outside the located area without obtaining a new locate. Privately owned services within the located area have not been marked - check with service / property owner. For all locate requests including remarks, contact Ontario One Call at **1-800-400-2255** or online at **www.on1call.com**

Locator Name: VANDERBYL JONATHON ID #: EMP012599 Date:	Start Time: _____ End Time: _____ Total Hours: _____	<input type="checkbox"/> Mark & Fax <input type="checkbox"/> Left on Site <input type="checkbox"/> Emailed Print: _____ Signature: _____
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A copy of this Primary Locate Sheet and Auxiliary Locate Sheet(s) must be on site and in the hands of the machine operator during work operations. If sketch and markings do not coincide, the Excavator must obtain a new locate.



Primary Locate Sheet

NORMAL

LocateFollowup@Promark-Telecon.ca

Request #
20252212958

Location of underground infrastructures

Phone: 905-474-1114

Toll Free: 1-888-883-6273

Utilities Located: <input type="checkbox"/> Bell <input checked="" type="checkbox"/> Gas <input checked="" type="checkbox"/> Hydro <input type="checkbox"/> Street Lighting <input type="checkbox"/> Telus <input checked="" type="checkbox"/> Water <input type="checkbox"/> Sanitary <input type="checkbox"/> Traffic <input type="checkbox"/> Storm <input type="checkbox"/> Rogers		Revised Excavation Date N/A <small>mm/dd/yyyy</small>	Excavation Date 04/2025 5:00:00 PM <small>mm/dd/yyyy</small>	Status STANDARD
Requested by: SUE CORBISHLEY	Company: TRENT UNIVERSITY	Phone: (705)-748-1011 ext.1308	Fax/email: EDC@TRENTU.CA	Homeowner <input type="checkbox"/> Contractor <input checked="" type="checkbox"/> Project <input type="checkbox"/>

Appt Date: <small>mm/dd/yyyy</small>	Received Date: 5/28/2025 9:38:00 AM <small>mm/dd/yyyy</small>	Locate Address: 2140 1st Inters.: GZOWSKI WAY	EAST BANK DR 2nd Inters.: NASSAU MILLS RD
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Type of work: CONSTRUCTION	City: PETERBOROUGH
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Caller's Remarks:
 CONCRETE BASE FOR GREENHOUSE INSTALLATION. CONTACT IS DAVID GOTIE, 705-927-8421. HRS MON-FRI, 7:30-3:30. NO PLANT:

-78.285017, 44.357904, NB_SEGMENTS:1, PT8H01 PROMARK FOR HYDRO ON, PTRB01 CITY OF PETE, PTRB01 CITY OF PETERBOROUGH, TRENTU01 TRENT UNIV, TRENTU01 TRENT UNIVERSITY (TR, PTB0U01 PROMARK FO, PTB0U01 PROMARK FOR CITY OF, ENGE01 PROMARK FOR, ENGE01 PROMARK FOR ENBRIDGE,

Ball Mark Clear	Gas Mark Clear 1	Hydro Mark Clear 1	Street Lighting Mark Clear	Traffic Mark Clear	Water Mark Clear 1	Storm Mark Clear	Sanitary Mark Clear	Telus Mark Clear
----------------------	--------------------------	----------------------------	---------------------------------	-------------------------	----------------------------	-----------------------	--------------------------	-----------------------

LOCATED AREA: EXCAVATOR SHALL NOT WORK OUTSIDE LOCATED AREA WITHOUT OBTAINING ANOTHER LOCATE.

Records Reference: <input type="checkbox"/> GMobile <input checked="" type="checkbox"/> LAC Multiviewer <input checked="" type="checkbox"/> FRA # PTTTCPU1947 Field Notes, As-Laid, Service Sketches: 4-374-38	<input type="checkbox"/> Third Party Notification
Locator Remarks:	<div style="border: 1px solid black; padding: 10px; text-align: center;">  <p>IMPORTANT NOTICE TO EXCAVATORS:</p> <p>LOCATED AREA IS CLEAR OF BURIED HYDRO</p> <p>ONE DISTRIBUTION INFRASTRUCTURE</p> <p><small>Feb 2018 - Rev 01</small></p> </div>

Apply Sticker Here if Required

Excavator shall notify & receive a clearance from utility prior to excavation for the following: Telecon N/A <input type="checkbox"/> High Priority Cable <input type="checkbox"/> Central Office Vicinity	GAS MATERIAL TYPE: <input type="checkbox"/> Steel (ST) <input checked="" type="checkbox"/> Plastic (PE) <input type="checkbox"/> Copper (CP)
--	--

Method of Field Marking: <input checked="" type="checkbox"/> Paint <input type="checkbox"/> Stakes <input type="checkbox"/> Flags <input type="checkbox"/> Offset Flags <input type="checkbox"/> Other Colour Indicator: Telecom = Orange Gas = Yellow Traffic / Hydro = Red Sewer = Green Water = Blue
--

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 All other Utility locates VOID after 60 days. For utility specific details, see attached document(s).

Caution: Any changes to location or nature of work will require a new locate. The excavator must not work outside the located area without obtaining a new locate. Privately owned services within the located area have not been marked - check with service / property owner. For all locate requests contact Ontario One Call at 1-800-400-2255 or online at ontarioonecall.ca

Locator Name: VANDERBYL JONATHAN	Start Time: 11:00am	<input type="checkbox"/> Mark & Fax <input type="checkbox"/> Left on Site <input checked="" type="checkbox"/> Emailed
ID #: EMP012599	End Time: 11:15am	Print:
Date 06/02/25	Total Hours: 0.25 Hours	Signature:

A copy of this Primary Locate Sheet and Auxiliary Locate Sheet(s) must be on site and in the hands of the machine operator during work operations. If sketch and markings do not coincide, the Excavator must obtain a new locate.

Auxiliary Locate Sheet

Promark
 telecon

LocateFollowup@Promark-Telecon.ca

Phone: 905-474-1114

Toll Free: 1-888-883-6273

Location of underground infrastructures

Utilities: ☐ Bell ☒ Gas ☐ Hydro ☐ Street Lighting ☐ TelusLocated: ☐ Water ☐ Sanitary ☐ Traffic ☐ Storm ☐ Fiber

Date Located:

mm/dd/yyyy

06/02/25

Request # 20252212958

Number of Services marked: (Specify building/house numbers) **0 Services****LOCATED AREA: EXCAVATOR SHALL NOT WORK OUTSIDE THE LOCATED AREA WITHOUT OBTAINING ANOTHER LOCATE**












FROM: 5M W of WBL of 2140 East Bank Dr

TO: WBL of Greenhouse

FROM: NRE of East Bank Dr

TO: SBL of 2140 East Bank Dr

Legend

Building Line	— BL —
Fence Line	— FL —
Face of Curb	— FC —
Road Edge	— RE —
Driveway	— DW —
Catch Basin	
Traffic Light	— TL —
Sidewalk	— SW —
Buried Cable TV	— TV —
Demarcation	
Telus Hand Well	
Pole	○
Flush to Grade Pedestal	
Pedestal	
Buried Cable	— B —
Conduit	— C —
Buried Service Wire	— BSW —
Hand Well	
Fibre Optic Cable	— FO —
Gas Main	— GM —
Gas Service	— GS —
Valve	
Hydrant	
Transformer	
Manhole	
Toronto Hydro	— H —
Hydro Pole	●
Street Light Cable	— SL —
Street Light	
Water Main	W/M
Water Service	W/S
Sanitary Main	S/M
Sanitary Lateral	S/L
Storm Drain	STM
Hydro Primary	HP
Hydro Secondary	HS
North	N.
South	S.
East	E.
West	W.
Gas Material - Steel	ST
- Plastic	PE
- Copper	GP

Hand dig cautiously within 1m as measured horizontally from the field markings to avoid damaging the underground utilities. If you damage the plant, you may be held liable.

If you damage underground plant, contact the facility owner immediately.

Depth varies and MUST be verified by hand digging or vacuum excavation.

LOCATED AREA HAS BEEN ALTERED AS PER: N/A

 N
+

2140

WBL

SBL

WBL Greenhouse

Located Area

0.8m

GM 4" PE

0.8m

NRE

East Bank Dr

Refer to COGA Excavator Caution on Supplemental Locate Sheet.

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 telecon

LocateFollowup@Promark-Telecon.ca

Phone: 905-474-1114

Toll Free: 1-888-883-6273

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Utilities: ☐ Bell ☐ Gas ☒ Hydro ☐ Street Lighting ☐ TelusLocated: ☐ Water ☐ Sanitary ☐ Traffic ☐ Storm ☐ Fiber

Date Located:

mm/dd/yyyy

06/02/25

Request # 20252212958












Number of Services marked: (Specify building/house numbers) **0 Services****LOCATED AREA: EXCAVATOR SHALL NOT WORK OUTSIDE THE LOCATED AREA WITHOUT OBTAINING ANOTHER LOCATE**

FROM: 5M W of WBL of 2140 East Bank Dr

TO: WBL of Greenhouse

FROM: NRE of East Bank Dr

TO: SBL of 2140 East Bank Dr

Legend	
Building Line	— BL —
Fence Line	— FL —
Face of Curb	— FC —
Road Edge	— RE —
Driveway	— DW —
Catch Basin	
Traffic Light	— TL —
Sidewalk	— SW —
Buried Cable TV	— TV —
Demarcation	
Telus Hand Well	
Pole	○
Flush to Grade Pedestal	
Pedestal	
Buried Cable	— B —
Conduit	— C —
Buried Service Wire	— BSW —
Hand Well	
Fibre Optic Cable	— FO —
Gas Main	— GM —
Gas Service	— GS —
Valve	
Hydrant	
Transformer	
Manhole	
Toronto Hydro	— H —
Hydro Pole	●
Street Light Cable	— SL —
Street Light	
Water Main	W/M
Water Service	W/S
Sanitary Main	S/M
Sanitary Lateral	S/L
Storm Drain	STM
Hydro Primary	HP
Hydro Secondary	HS
North	N.
South	S.
East	E.
West	W.
Gas Material - Steel	ST
- Plastic	PE
- Copper	CP

Hand dig cautiously within 1m as measured horizontally from the field markings to avoid damaging the underground utilities. If you damage the plant, you may be held liable.

If you damage underground plant, contact the facility owner immediately.

Depth varies and MUST be verified by hand digging or vacuum excavation.

LOCATED AREA HAS BEEN ALTERED AS PER: N/A

N
+

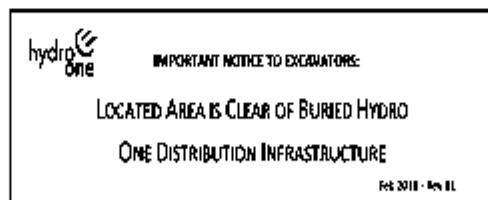
2140

WBL

SBL

WBL
Greenhouse

Located Area



NRE

East Bank Dr

Refer to COGA Excavator Caution on Supplemental Locate Sheet.

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Auxiliary Locate Sheet

Promark
 telecon

LocateFollowup@Promark-Telecon.ca

Phone: 905-474-1114 Toll Free: 1-888-883-6273

Location of underground infrastructures

 Utilities: ☐ Bell ☐ Gas ☐ Hydro ☐ Street Lighting ☐ Telus
 Located: ☒ Water ☐ Sanitary ☐ Traffic ☐ Storm ☐ Fiber

 Date Located:
 mm/dd/yyyy 06/02/25

Request # 20252212958

Number of Services marked: (Specify building/house numbers) 0 Services

LOCATED AREA: EXCAVATOR SHALL NOT WORK OUTSIDE THE LOCATED AREA WITHOUT OBTAINING ANOTHER LOCATE















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TO: WBL of Greenhouse

FROM: NRE of East Bank Dr

TO: SBL of 2140 East Bank Dr

Legend

Building Line — BL—
 Fence Line — FL—
 Face of Curb — FC—
 Road Edge — RE—
 Driveway — DW—
 Catch Basin 
 Traffic Light — TL—
 Sidewalk 
 Buried Cable TV — TV—
 Demarcation 
 Telus Hand Well 
 Pole 
 Flush to Grade Pedestal 
 Pedestal 
 Buried Cable — B—
 Conduit — C—
 Buried Service Wire — BSW—
 Hand Well 
 Fibre Optic Cable — FO—
 Gas Main — GM—
 Gas Service — GS—
 Valve 
 Hydrant 
 Transformer 
 Manhole 
 Toronto Hydro — H—
 Hydro Pole 
 Street Light Cable — SL—
 Street Light 
 Water Main W/M
 Water Service W/S
 Sanitary Main S/M
 Sanitary Lateral S/L
 Storm Drain STM
 Hydro Primary HP
 Hydro Secondary HS
 North N.
 South S.
 East E.
 West W.
 Gas Material - Steel ST
 - Plastic PE
 - Copper CP

 Hand dig cautiously within 1m as measured horizontally from the field markings to avoid
 damaging the underground utilities. If you damage the plant, you may be held liable.

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Depth varies and MUST be verified by hand digging or vacuum excavation.

LOCATED AREA HAS BEEN ALTERED AS PER: N/A

 N
 +

2140

WBL

SBL

 WBL
 Greenhouse

Located Area

Clear of City of PTBO Water

NRE

East Bank Dr

Refer to COGA Excavator Caution on Supplemental Locate Sheet.

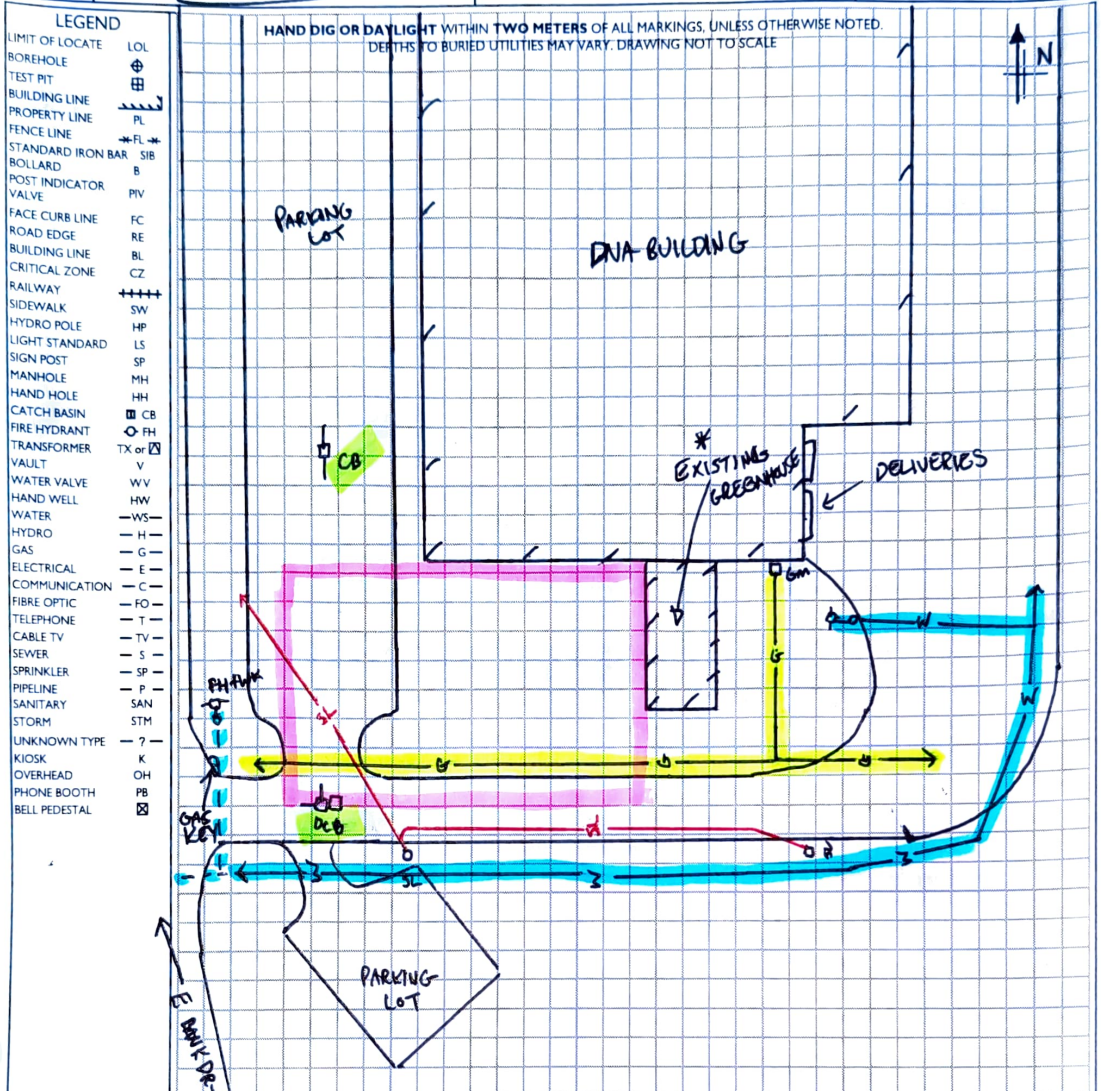
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 operator during work operations. If sketch and markings do not coincide, the Excavator must obtain a new locate.



CLIENT COMPANY:	TRENT UNIVERSITY	DATE:	JUNE 2 '25	Valid for:	<input type="checkbox"/> 30 DAYS <input checked="" type="checkbox"/> 60 DAYS from date of locate
CLIENT REPRESENTATIVE:	DAVID COTIE	CLIENT PHONE:	703-927-6421	P.O. / JOB #:	SR23117
CLIENT ADDRESS:	2140 E BANK DR. PETERBOROUGH, ON	WEATHER:	140 SUNNY	PURPOSE OF LOCATE:	NEW GREENHOUSE
SITE ADDRESS / NEAREST INTERSECTION:	2140 E BANK DR. PETERBOROUGH, ON	PROJECT #:	41330		
LOCATE AREA / LIMIT OF LOCATE:	FROM: PINK HIGHLIGHTED AREA	TO:			



NOTES:

Utility Locate Methods Used:	<input checked="" type="checkbox"/> Active <input checked="" type="checkbox"/> Passive <input checked="" type="checkbox"/> Inductive Sweep <input type="checkbox"/> Ground Penetrating Radar (GPR 1000 MHz) <input type="checkbox"/> GPR (250 MHz) <input type="checkbox"/> EM61 <input type="checkbox"/> Camera with Sonde
Sewer Lines:	<input type="checkbox"/> Traced <input checked="" type="checkbox"/> Not Traced <input checked="" type="checkbox"/> Inverts Marked Where Visible
Private Detectable Services Found:	<input checked="" type="checkbox"/> As Shown Above <input type="checkbox"/> None

LIMITATIONS / SPECIAL INSTRUCTIONS:

IF THERE IS A LIMITATION INDICATED HERE, THERE IS AN **ELEVATED RISK** OF STRIKING A BURIED UTILITY. THE CLIENT REPRESENTATIVE IS TO NOTIFY ALL INVOLVED WITH THE PROJECT (INCLUDING AND NOT LIMITED TO ALL FIELD STAFF, PROJECT MANAGERS, THEIR CLIENT AND/OR PROPERTY OWNER OF THE SUBJECT PROPERTY IF THE SAME). A "NO" CHECKED INDICATES A LIMITATION, WHICH TRANSLATES INTO AN INCREASED RISK OF NOT FINDING ALL BURIED UTILITIES WITHIN THE WORK AREA.

As-Built or Utility Drawings requested from: _____

Site Plan (showing work area): ☒ Yes ☐ No As-Built or Utility Drawings: ☐ Yes ☒ No Survey: ☐ Yes ☒ No Building Access: ☐ Yes ☒ No ☐ NA Ground Snow Covered: ☐ Yes ☒ No

LIST ALL OTHERS: ALL PUBLIC UTILITIES MUST BE VERIFIED BY THEIR OWNERS

EQUIP. USED:	<input checked="" type="checkbox"/> Transmitter/Receiver <input type="checkbox"/> GPR 250 MHz <input type="checkbox"/> SEWER CREW <input type="checkbox"/> GPR 1000 MHz <input type="checkbox"/> EM61 <input type="checkbox"/> MAGNETOMETER	START TIME: 9:00	TRAVEL TIME: 3.5 hrs	TECH 1: AM	TECH 3: _____
		FINISH TIME: _____	OTHER: _____	TECH 2: _____	TECH 4: _____

THE CLIENT HAS BEEN MADE AWARE AND ACKNOWLEDGES THAT ANY PUBLIC UTILITY OWNED SERVICES (GAS, TELEPHONE, CABLE TV, HYDRO, WATER, SEWER, ETC.) WITHIN THE LIMITS OF THIS LOCATE AND MARKED BY ONSITE LOCATES INC., ARE FOR SURVEY PURPOSES ONLY AND REQUIRE PUBLIC LOCATES.

BY SIGNING BELOW, THE CLIENT AGREES TO ALL THE TERMS AND CONDITIONS AND LIMITATIONS ON ALL PAGES AND REVERSE OF THE LOCATE REPORTS.

☒ Client Requested Email Delivery

s.cotie@trout.ca

DAVID COTIE

Email Delivery Address

Print Name of Client Representative

Client Representative's Signature

Locate Technician Signature

MUST BE SIGNED BY CLIENT TO BE VALID OR THE CLIENT IS IN AGREEMENT AND ACKNOWLEDGES THE TERMS OF THIS REPORT IF THIS REPORT WAS EMAILED AND NOT SIGNED. A COPY OF THIS LOCATE REPORT MUST BE ON-SITE AND IN THE HANDS OF THE PERSON EXCAVATING DURING WORK OPERATIONS.



ONSITE LOCATES INC.
UTILITY LOCATE SERVICES
A wholly owned subsidiary of J.D. Barnes Ltd.

JOB SAFETY ANALYSIS & SITE SERVICES CHECKLIST

(TO BE COMPLETED FOR AND BEFORE LEAVING EVERY JOB SITE)

PAGE 2 OF 2

WORK SITE

ADDRESS: 2140 E BANK DR. PETERBOROUGH, ON

ANTICIPATED POTENTIAL HAZARDS (check all that apply):

- ☒ Traffic ☒ Uneven Ground ☐ Trip / Slip Hazards ☐ Inclement Weather
☐ Demolition ☐ Open Excavation ☐ Cutting Activities ☐ Confined Spaces
☐ Mobile Heavy Equipment ☐ Chemical Vapours ☐ Hazardous Material in Work Area
Are you working in an explosive atmosphere? (ie. gases, vapours, mist or dust) ☐ Yes ☒ No If Yes, please follow OnSite's Intrinsic Safety Procedure
☐ Other (specify):
Safety Controls to Reduce or Eliminate Hazard(s) (list for each hazard identified):
WATCH STEP, TRAFFIC

HEALTH AND SAFETY / PERSONAL PROTECTIVE EQUIPMENT REQUIRED (check all PPE required for this site): (Mandatory OnSite Staff requirements: safety shoes and vest)

- ☐ Hard Hat ☐ Safety Glasses ☐ Hearing Protection ☒ Gloves ☐ Fire Resistant Clothing ☒ First Aid Kit & Fire Extinguisher in Vehicle
☐ Respirator ☐ Other Health & Safety Requirements / Equipment (specify):

INSTRUCTIONS: For each of the structures listed below during the Private Locate. A "No" checked below indicates that the item of interest was NOT FOUND by the Locator at the time of the utility locate site inspection based on the site conditions, access, and information provided by the Client. A checked "No" does not indicate that the feature or utility structure does not exist within the Locate area.

PROPERTY DESCRIPTION (check all that apply):

- Type of Property: ☐ Residential ☒ Commercial ☐ Industrial ☒ Institutional ☐ Mall ☐ Vacant ☐ Excavated Land ☐ Demolished now Vacant
Type of Business (specify): UNIVERSITY Work Area Marked with Paint or Stakes: ☐ Yes ☒ No
Work Area: ☒ Outside ☐ Inside # of Buildings On-site: 2+ Multiple Tenants: ☐ Yes ☒ No Easement Present: ☐ Yes ☒ No
Building Heating: ☒ Natural Gas ☐ Propane ☐ Oil ☐ Electric

HYDRO (check all that apply):

- Transformers: ☐ Pad Mount ☒ Pole Mount ☐ Outside ☐ Inside ☐ Buried Vault Generator: ☐ Yes ☒ No Fuel Source for Generator:
Exterior Street Lighting: ☐ Yes ☒ No Ext. Signage: ☐ Yes ☒ No Ext. / Mechanical Equipment: ☐ Yes ☒ No Other (list):

WATER (check all that apply):

- City Domestic Water: ☒ Yes ☐ No On-Site Well: ☐ Yes ☒ No Pump in Well or Building?: ☐ Well ☒ Building If Well, Elec. Line Traced?: ☐ Yes ☒ No
Multiple Water Lines Entering Property: ☐ Yes ☒ No Water Valve(s) Marked at Street: ☐ Yes ☒ No Irrigation: ☐ Yes ☒ No
Sprinkler Rooms / Risers: ☐ Yes ☒ No Post Indicator Valves (PIV): ☐ Yes ☒ No Fire Bell on Bldg. Identified?: ☐ Yes ☒ No
Fire Hydrants: ☒ Yes ☐ No Fire Line Ring Loop: ☐ Yes ☒ No Other (list):

COMMUNICATION (check all that apply):

- Private Communication Lines: ☐ Yes ☒ No If Yes, Specify:

GAS (check all that apply):

- Natural Gas Meter: ☒ Yes ☐ No Buried Natural Gas After the Meter: ☐ Yes ☒ No If Yes, Specify the Equipment it Feeds:
Propane Tank: ☐ Yes ☒ No Buried Propane Line After the Tank: ☐ Yes ☒ No If Yes, Specify the Equipment it Feeds:

SEWER (check all that apply):

- Sewer Cleanouts Identified: ☐ Yes ☒ No Septic System: ☐ Yes ☒ No Septic Tank Lid Found: ☐ Yes ☒ No MHs: ☐ Yes ☒ No CBs: ☐ Yes ☒ No
Storm Building Exit Identified: ☐ Yes ☒ No Sanitary Building Exit Identified: ☐ Yes ☒ No Force Main Present: ☐ Yes ☒ No Unknown

UNDERGROUND (UST) / ABOVEGROUND STORAGE TANKS (AST) (check all that apply):

- USTs: ☐ Yes ☒ No Vents: ☐ Yes ☒ No Access Covers: ☐ Yes ☒ No Levelometer: ☐ Yes ☒ No AST: ☐ Yes ☒ No Buried Fuel Line after AST: ☐ Yes ☒ No

PAVING / SOIL SCARS INDICATIVE OF UTILITY TRENCHING: ☐ Yes ☒ No

- Have they been shown on the locate report?: ☐ Yes ☒ No

POST CRITICAL ZONES PRESENT: ☐ Yes ☒ No

- Have they been shown or noted on the locate report?: ☐ Yes ☒ No

OTHER CRITICAL ZONES IDENTIFIED BECAUSE OF A LIMITATION?: ☐ Yes ☒ No

- Have they been shown or noted on the locate report?: ☐ Yes ☒ No

Specify:

OTHER (specify):

DAVID GOTIE

Print Name of Client Representative

Client Representative's Signature

Locator's Signature

22 JUNE 2023

Date