



Public Works and
Government Services
Canada

Travaux publics et
Services gouvernementaux
Canada

COLES
Architecture + Engineering + Project Management

Suite 201, 85 Fitzroy Street
Charlottetown, PEI, Canada, C1A 1R6
Phone (902) 368-2300
www.colesassociates.com

SEARCH AND RESCUE (SAR) STATION BUILDING ENVELOPE REPLACEMENT SOURIS KINGS COUNTY, PEI



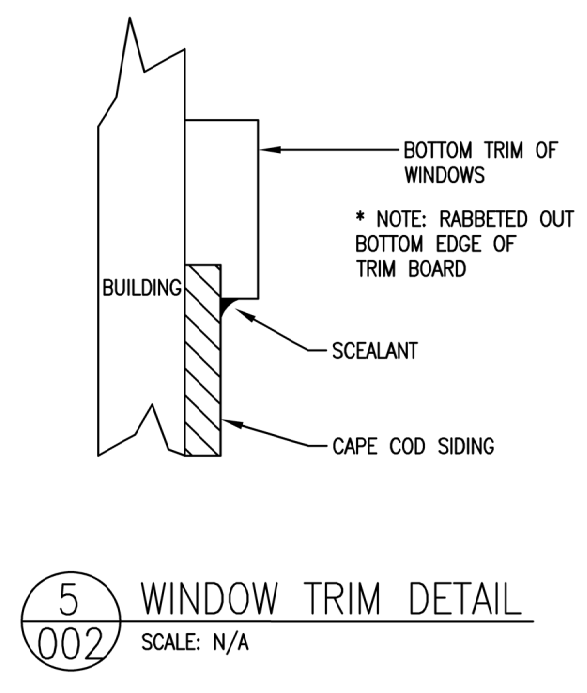
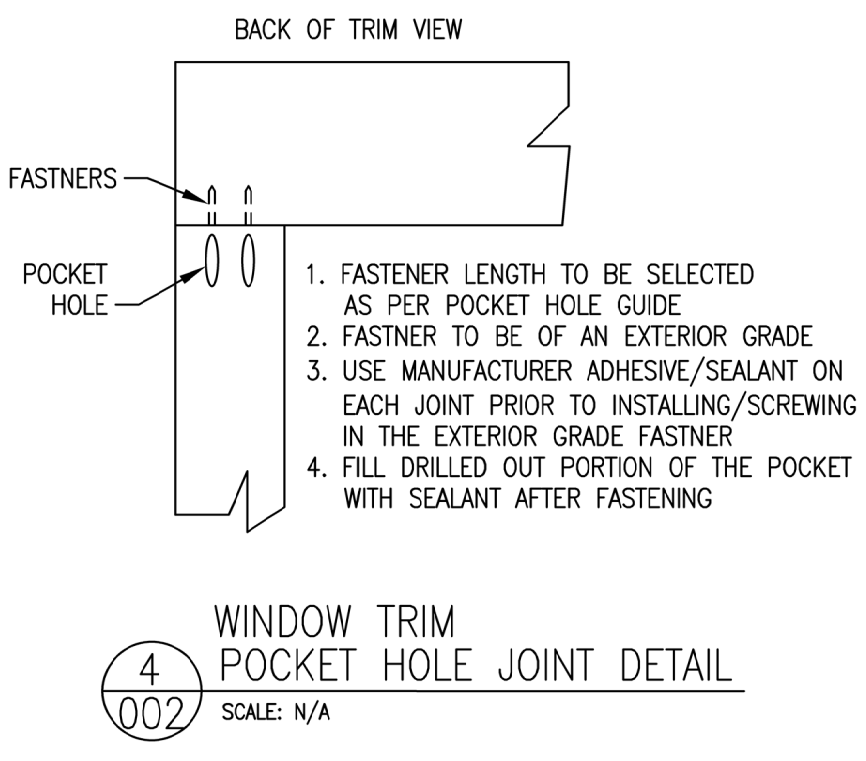
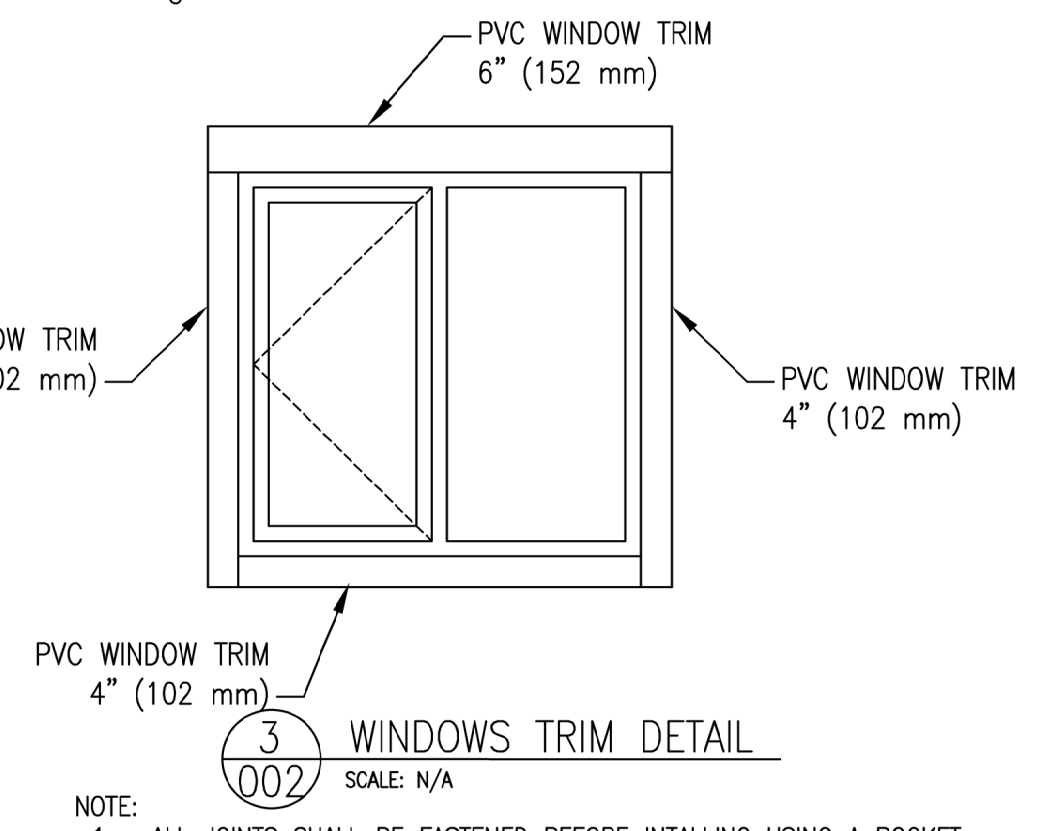
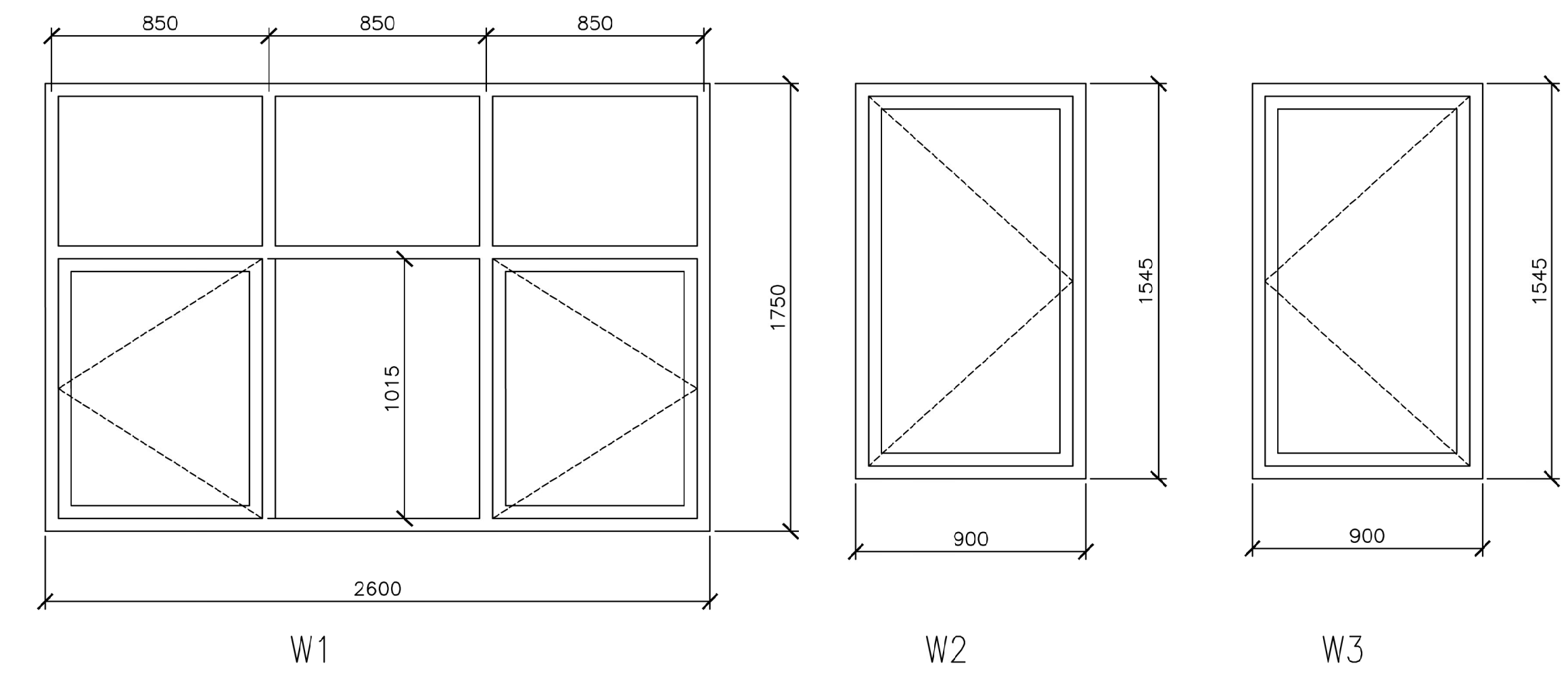
PROJECT NO. R.102321.001

LIST OF DRAWINGS:

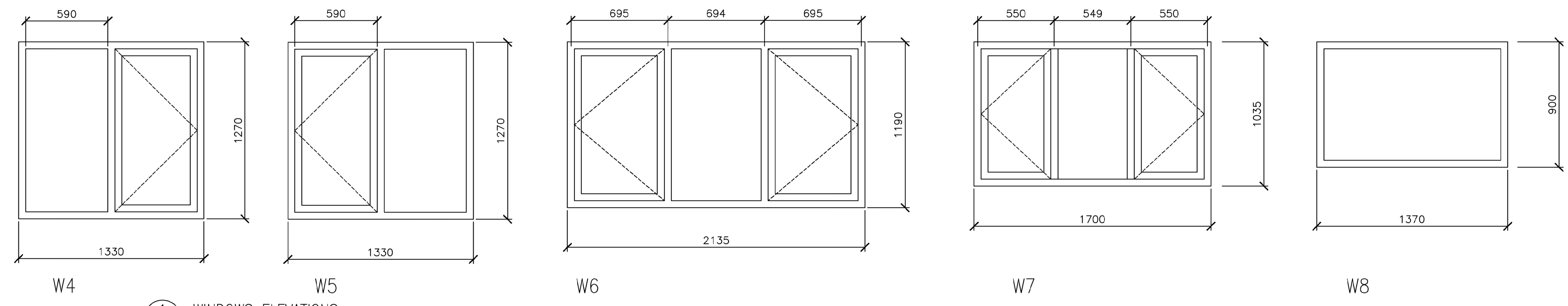
ARCHITECTURAL:

A000	COVER SHEET
A002	WINDOW & DOOR SCHEDULE
A201	FIRST FLOOR PLAN
A202	SECOND FLOOR PLAN
A203	WORKSHOP FLOOR PLAN
A301	SOUTH & WEST ELEVATION
A302	NORTH & EAST ELEVATION
A303	WORKSHOP ELEVATION
A401	WALL SECTIONS & DETAILS
A402	WINDOW & DOOR DETAILS

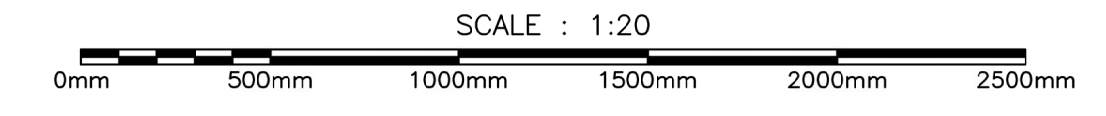
Canada



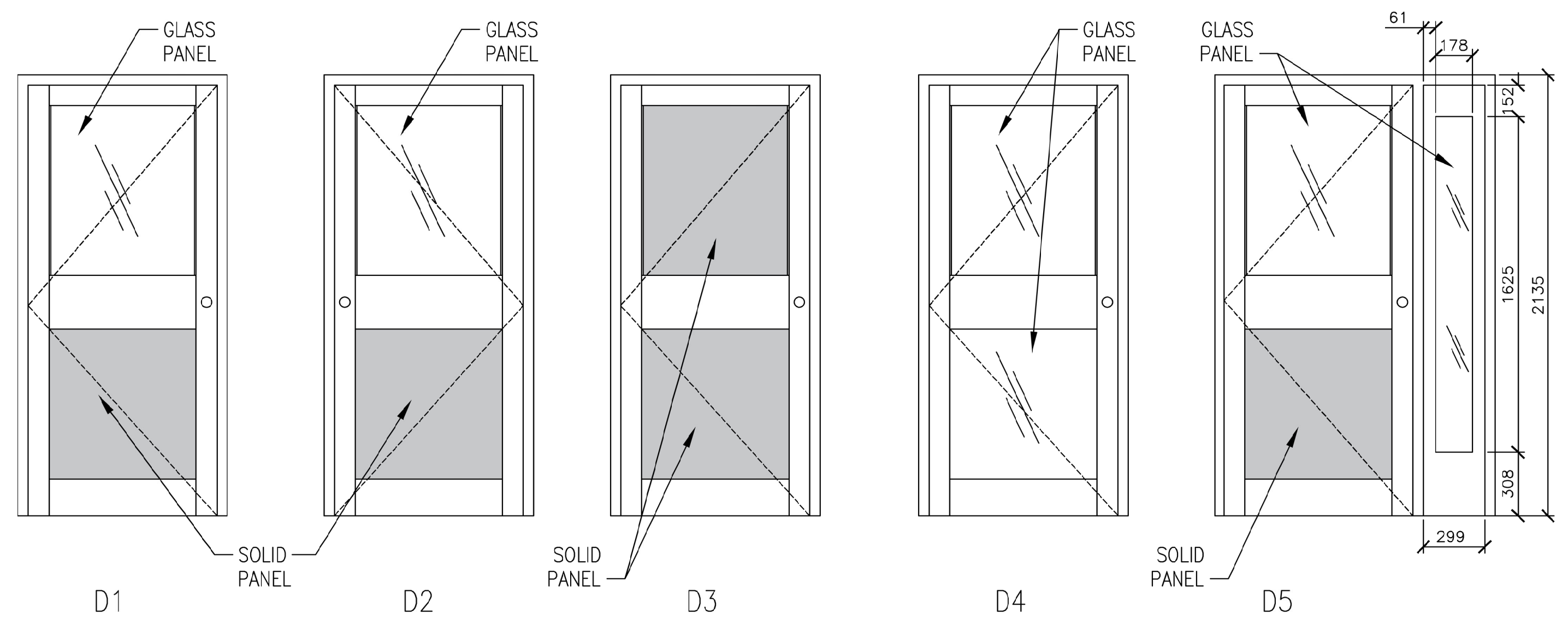
NOTE:
1. ALL JOINTS SHALL BE FASTENED BEFORE INSTALLING USING A POCKET HOLE SYSTEM
2. REFER TO POCKET HOLE JOINT DETAIL
3. REFER TO SOW 2.1 TASKS, ACTIVITIES, DELIVERABLES AND MILESTONES THAT REFERS TO POCKET HOLE SYSTEM ASSEMBLY FOR WINDOWS AND DOORS TRIMS



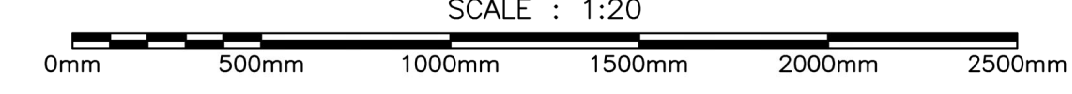
1 WINDOWS ELEVATIONS
SCALE: N/A



NOTE:
CONTRACTOR TO CONFIRM ALL WINDOW AND DOOR SIZES ON SITE.



2 DOOR ELEVATIONS 400B SERIES (ALUMINUM)
SCALE: 1:20



JUNE 2019	
revisions	date

A detail no. / no. du detail	A
B location drawing no. / sur dessin no.	B
C drawing no. / dessin no.	C

project / projet
SEARCH AND RESCUE (SAR) STATION BUILDING ENVELOPE REPLACEMENT SOURIS KINGS COUNTY, PEI

drawing / dessin
WINDOWS & DOORS

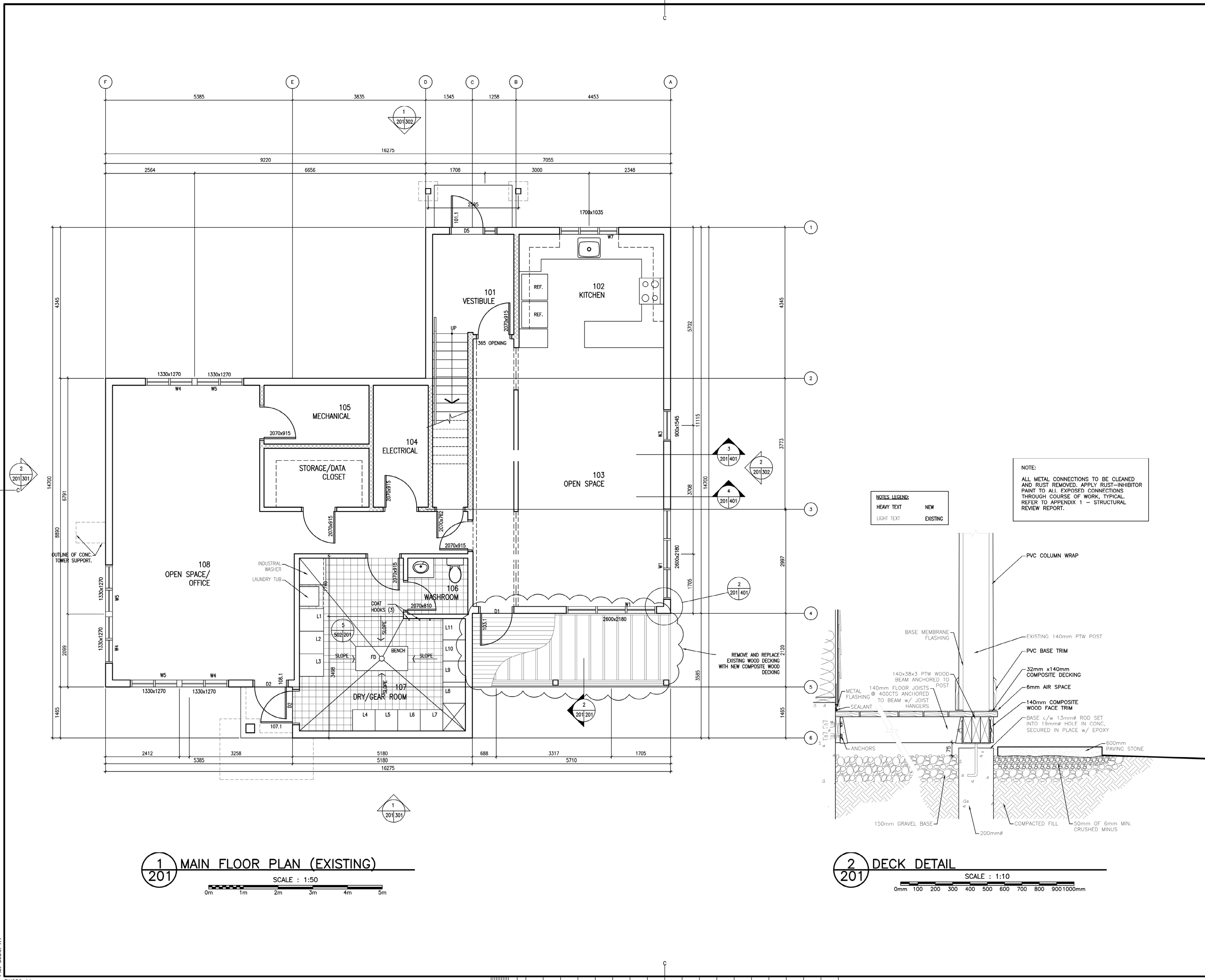
designed / conçu
date / date
APRIL 2019

drawn / dessiné
date / date
APRIL 2019

approved / approuvé
date / date

Tender / Soumission
PWC Project Manager / Administrateur de projets TPC
project number / no. du projet
R.102321.001

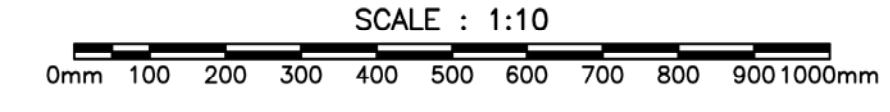
drawing no. / no. du dessin
A002



1
201 MAIN FLOOR PLAN (EXISTING)
SCALE : 1:50



2
201 DECK DETAIL
SCALE : 1:10



NOTES LEGEND:
HEAVY TEXT NEW
LIGHT TEXT EXISTING

NOTE:
ALL METAL CONNECTIONS TO BE CLEANED AND RUST REMOVED. APPLY RUST-INHIBITOR PAINT TO ALL EXPOSED CONNECTIONS THROUGH COURSE OF WORK. TYPICAL REFER TO APPENDIX 1 - STRUCTURAL REVIEW REPORT.

revisions	date
-----------	------

A C	A detail no. no. du detail	A B C
	B location drawing no. sur dessin no.	
	C drawing no. dessin no.	

project projet
SEARCH AND RESCUE (SAR) STATION BUILDING ENVELOPE REPLACEMENT SOURIS KINGS COUNTY, PEI

drawing dessin

FIRST FLOOR PLAN

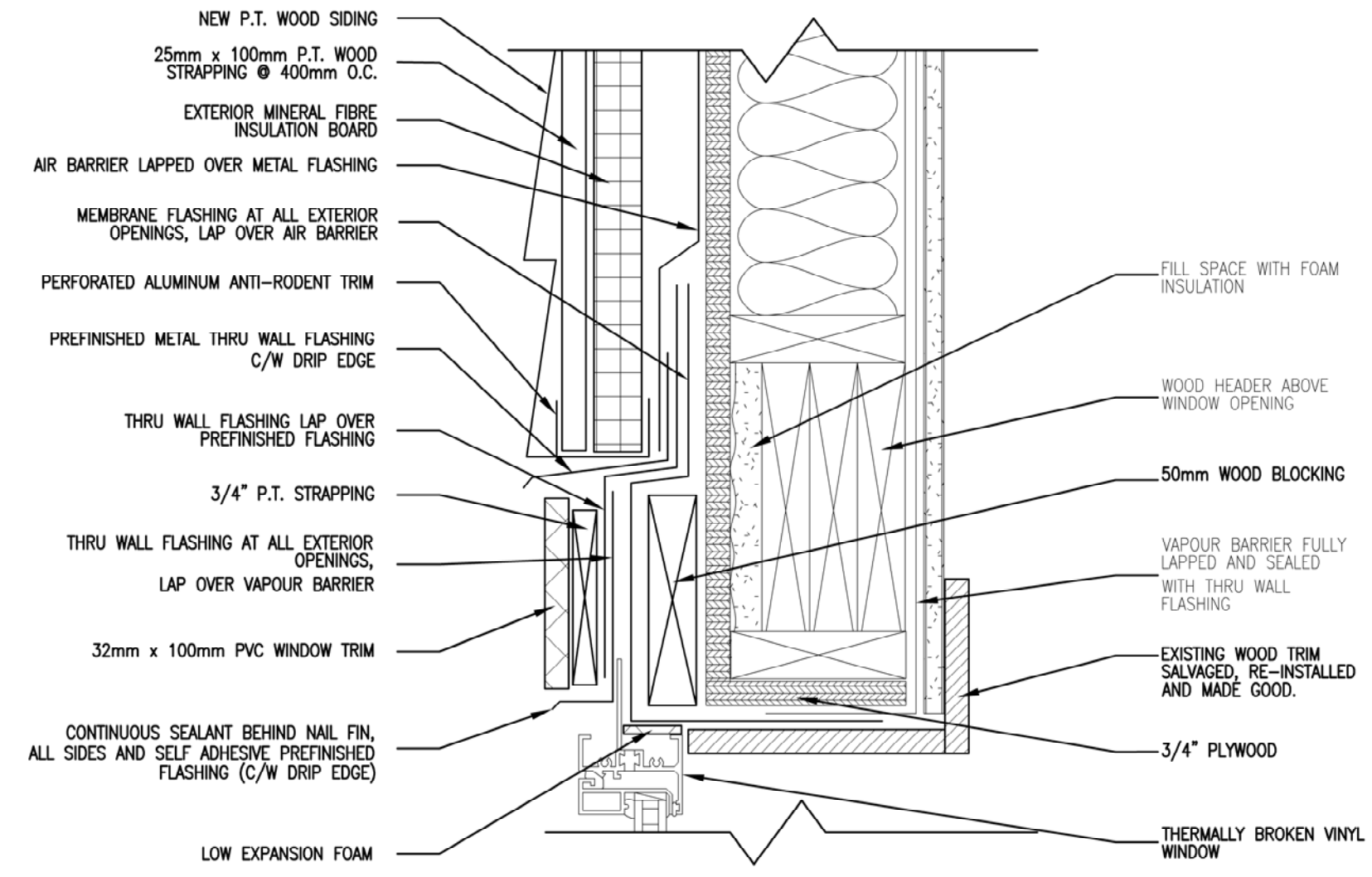
designed DWS conçu
date APRIL 2019
drawn JDA dessinée
date APRIL 2019
approved approuvé
date

Tender Soumission
PWC Project Manager Administrateur de projets TPC
project number no. du projet

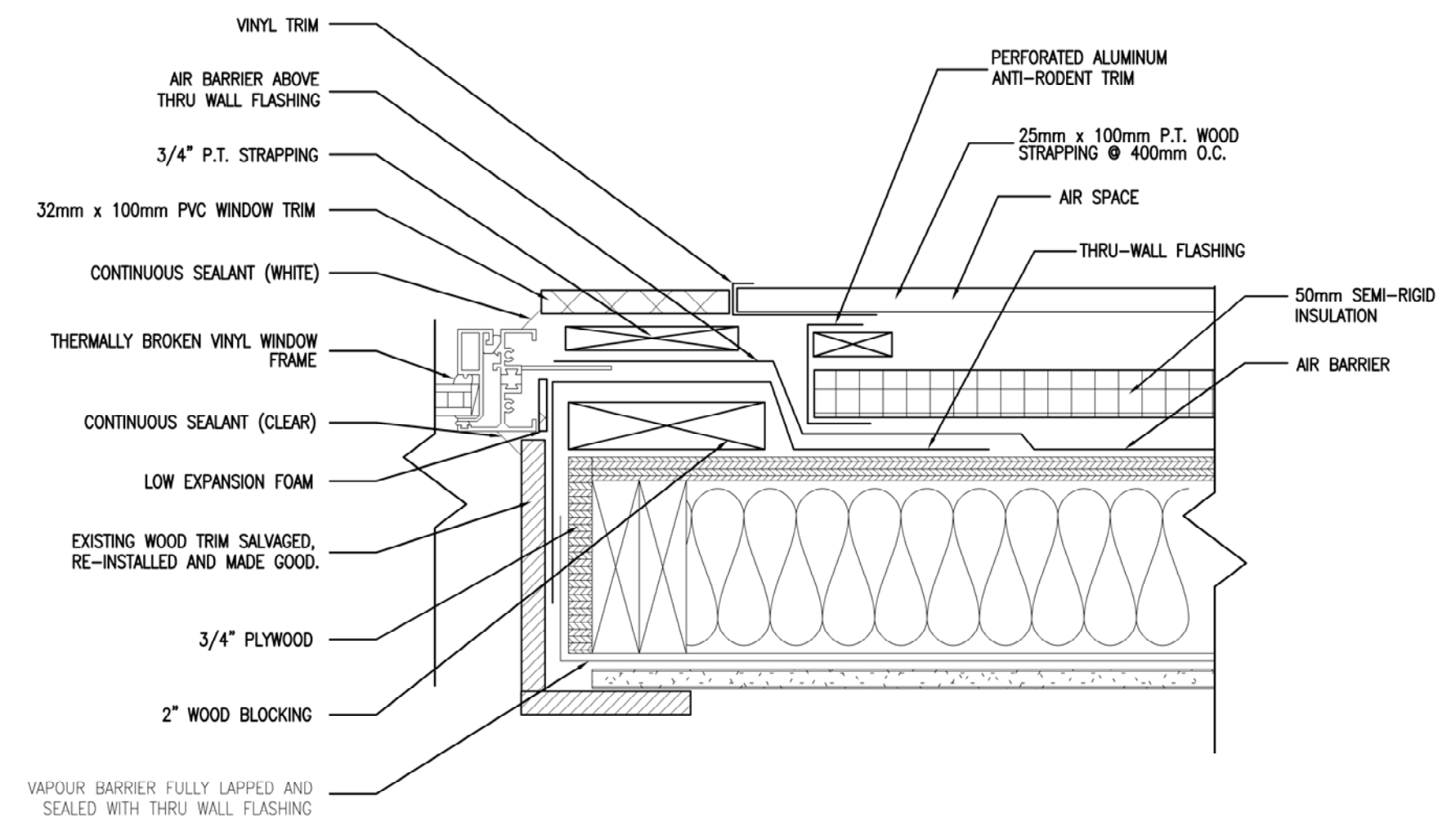
R.102321.001

drawing no. no. du dessin
A201

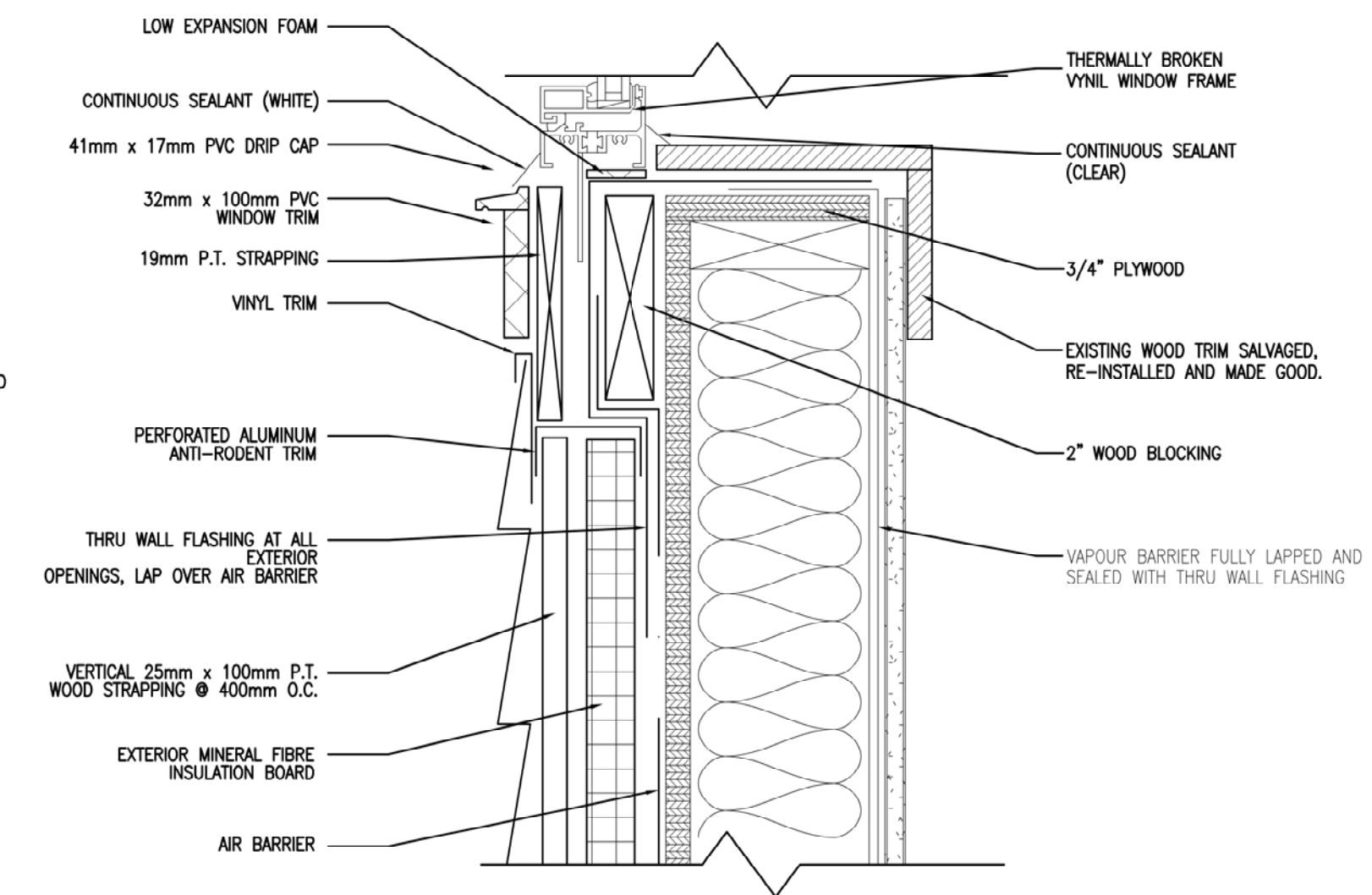
NOTES LEGEND:
 HEAVY TEXT NEW
 LIGHT TEXT EXISTING



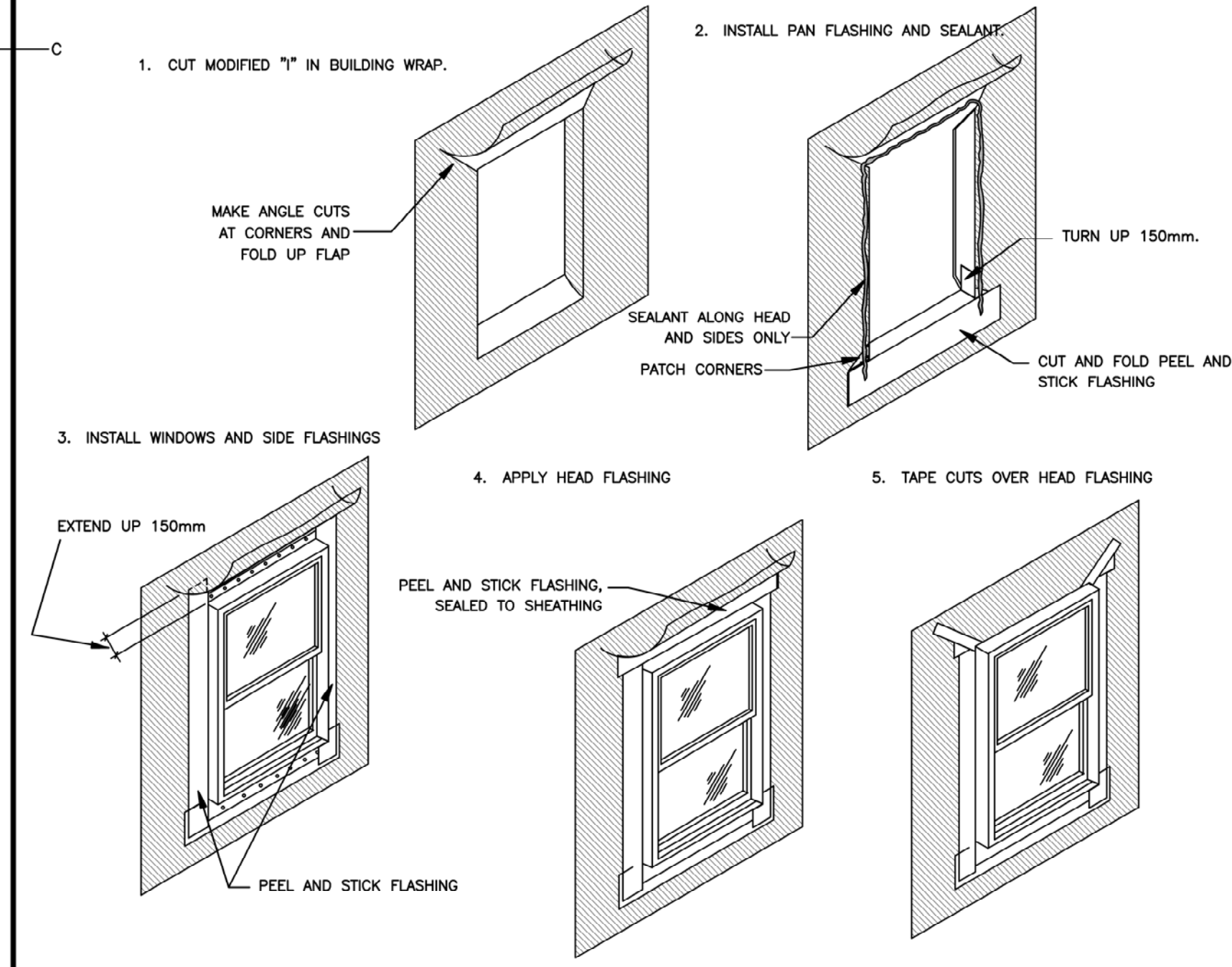
1
402 TYPICAL WINDOW HEAD DETAIL
 SCALE : 1:5
 0mm 100mm 200mm 300mm 400mm 500mm



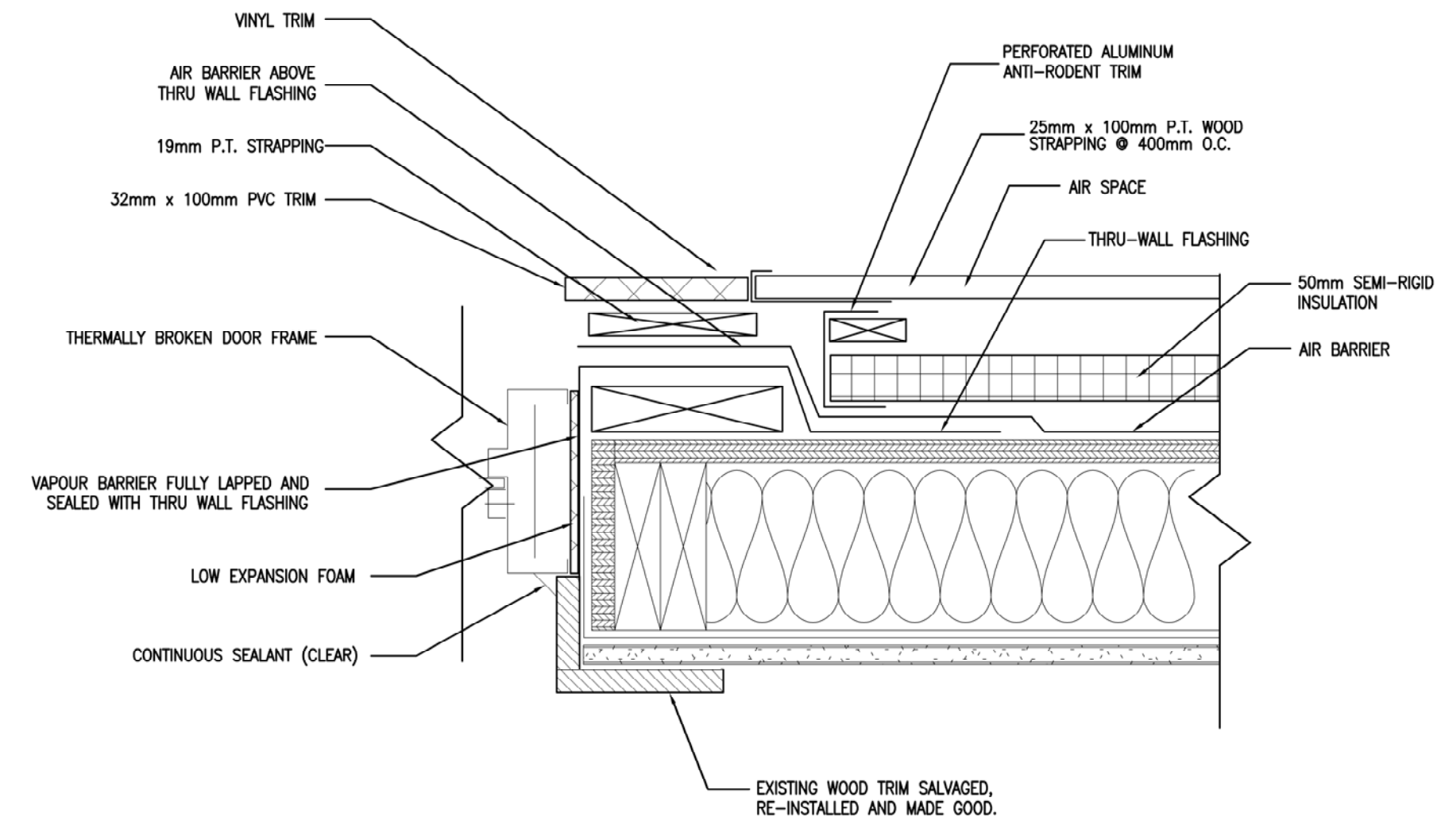
2
402 TYPICAL WINDOW JAMB DETAIL
 SCALE : 1:5
 0mm 100mm 200mm 300mm 400mm 500mm



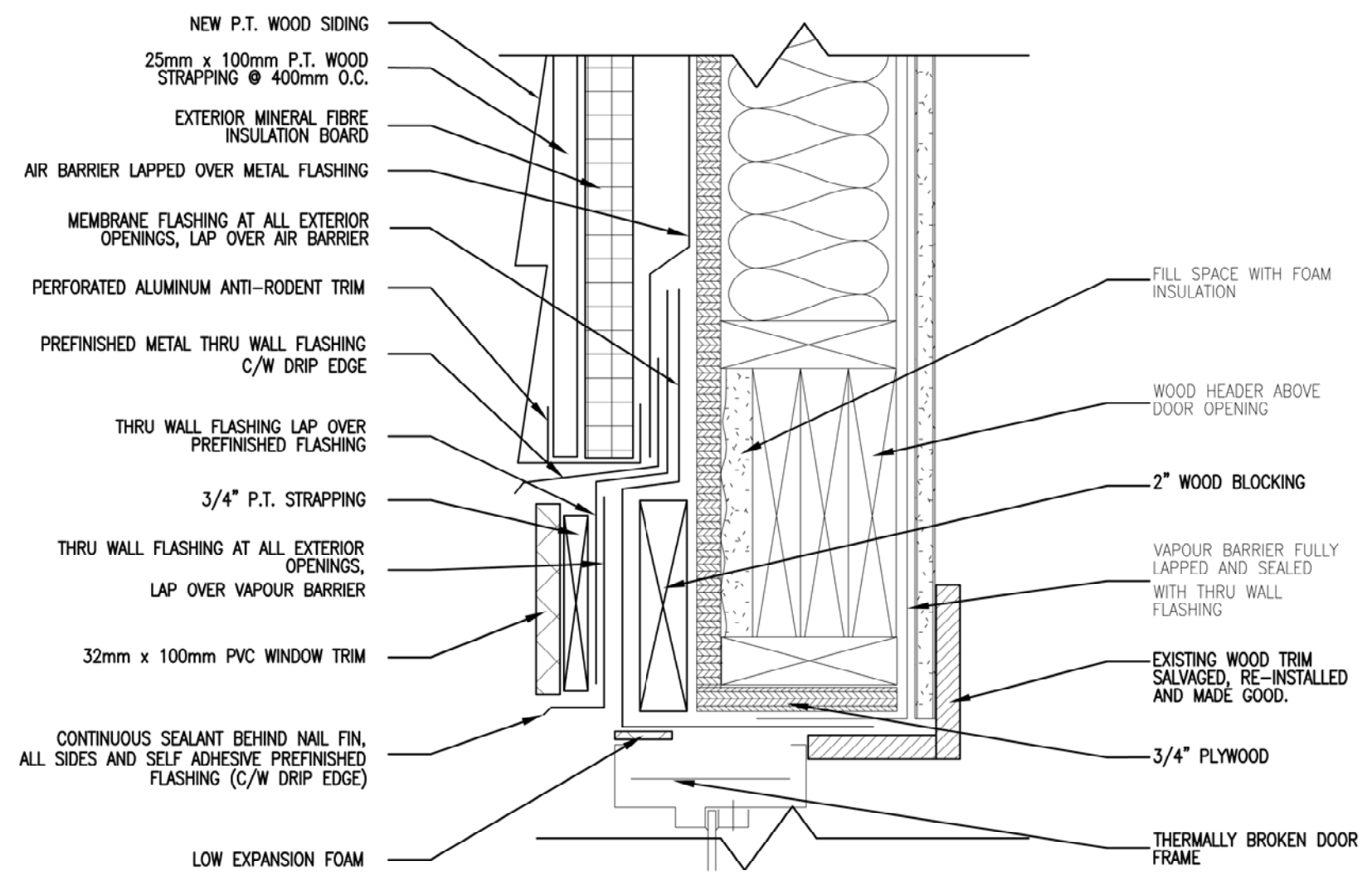
3
402 TYPICAL WINDOW SILL DETAIL
 SCALE : 1:5
 0mm 100mm 200mm 300mm 400mm 500mm



4
402 WINDOW FLASHING DETAIL
 SCALE : N.T.S.



5
402 TYPICAL DOOR JAMB DETAIL
 SCALE : 1:5
 0mm 100mm 200mm 300mm 400mm 500mm



6
402 TYPICAL DOOR HEAD DETAIL
 SCALE : 1:5
 0mm 100mm 200mm 300mm 400mm 500mm

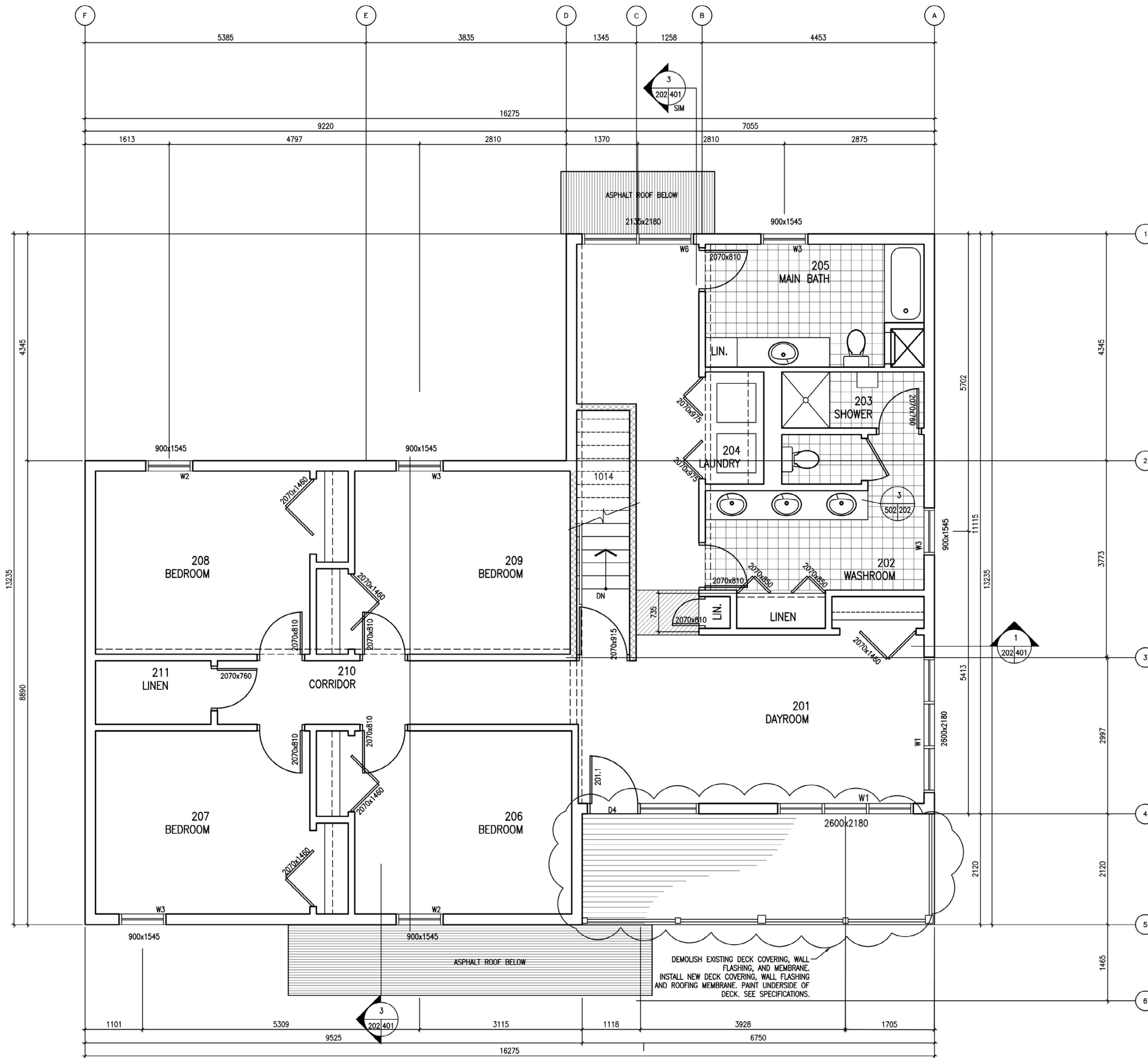
revisions	date

A	A detail no. no. du detail	A
B	B location drawing no. sur dessin no.	B
C	C drawing no. dessin no.	C

project
SEARCH AND RESCUE (SAR) STATION BUILDING ENVELOPE REPLACEMENT SOURIS KINGS COUNTY, PEI
 drawing
 dessin

WINDOW & DOOR DETAILS

designed DWS	conçu
date APRIL 2019	
drawn JDA	dessiné
date APRIL 2019	
approved	approuvé
date	
Tender	Soumission
PWC Project Manager	Administrateur de projets TPC
project number	no. du projet
R.102321.001	
drawing no.	no. du dessin
A402	



NOTES LEGEND:	
HEAVY TEXT	NEW
LIGHT TEXT	EXISTING

1 SECOND FLOOR PLAN (EXISTING)
202

SCALE : 1:50



revisions	date

A	A detail no. no. du detail	A
B	B location drawing no. sur dessin no.	B
C	C drawing no. dessin no.	C

project / projet

SEARCH AND RESCUE (SAR) STATION BUILDING ENVELOPE REPLACEMENT SOURIS KINGS COUNTY, PEI

drawing / dessin

SECOND FLOOR PLAN

designed DWS / conçu

date APRIL 2019

drawn JDA / dessiné

date APRIL 2019

approved / approuvé

date

Tender / Soumission

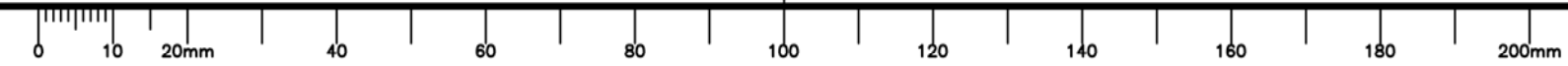
PWC Project Manager / Administrateur de projets TPC

project number / no. du projet

R.102321.001

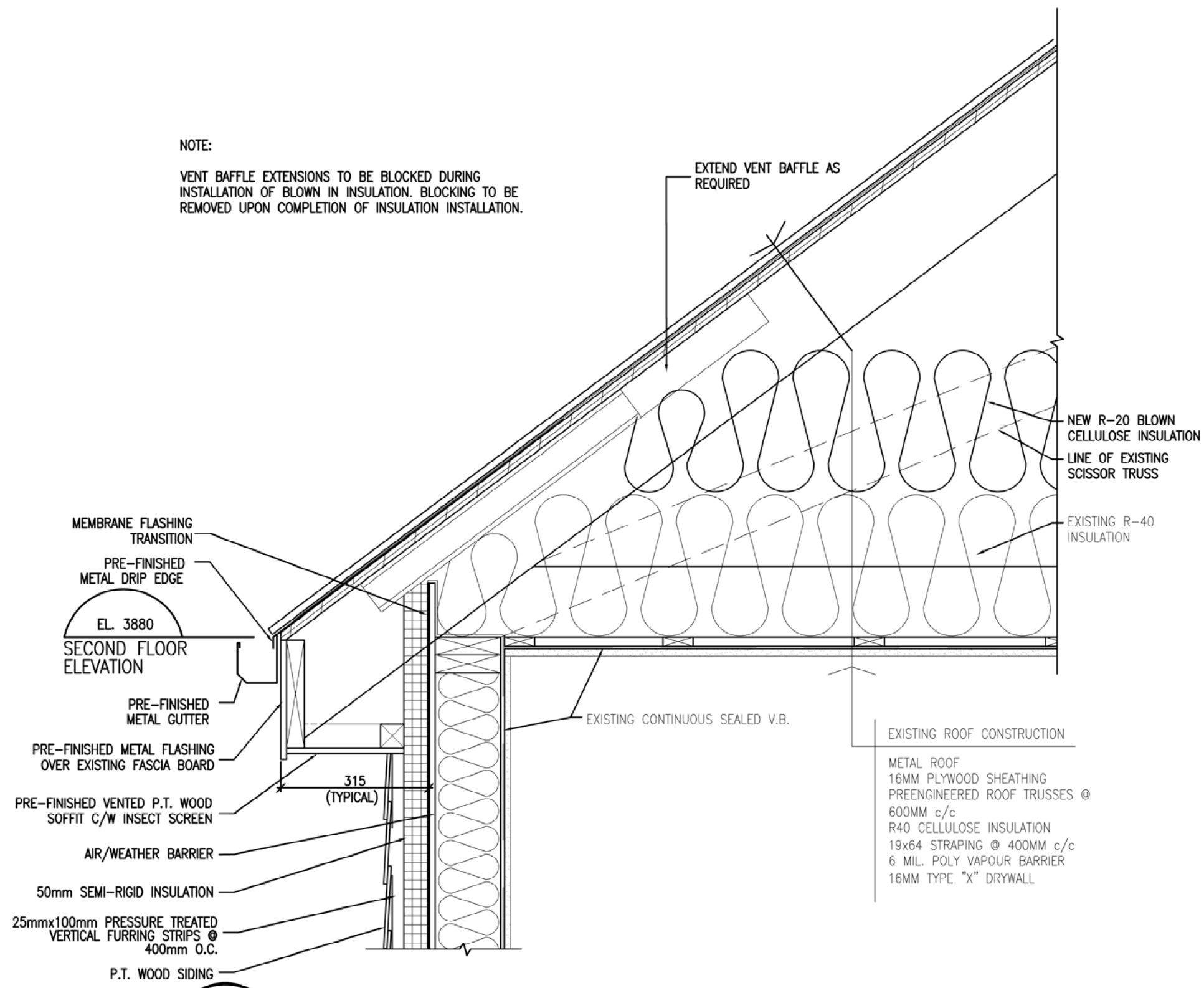
drawing no. / no. du dessin

A202



NOTES LEGEND:
HEAVY TEXT NEW
LIGHT TEXT EXISTING

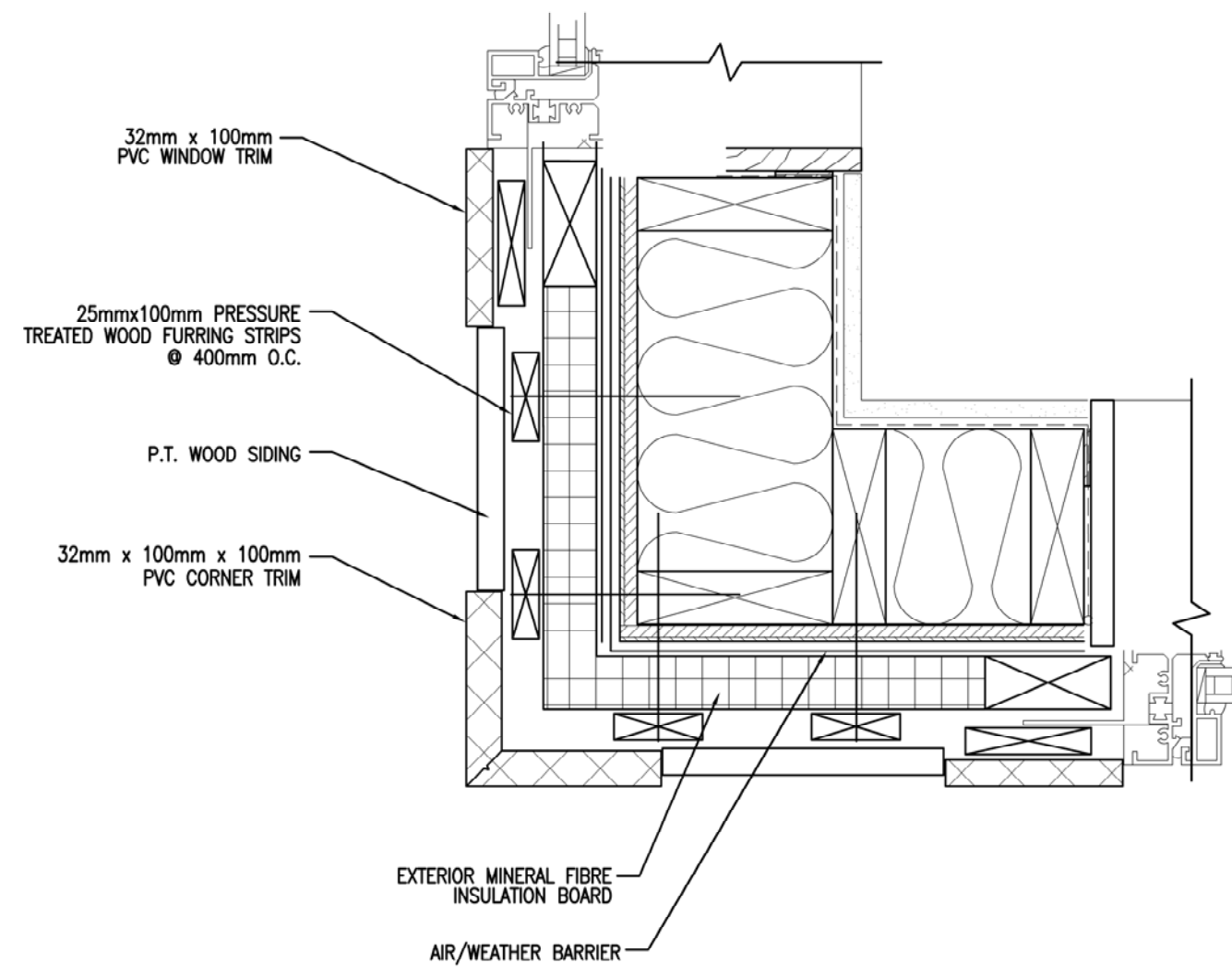
NOTE:
VENT BAFFLE EXTENSIONS TO BE BLOCKED DURING
INSTALLATION OF BLOWN IN INSULATION. BLOCKING TO BE
REMOVED UPON COMPLETION OF INSULATION INSTALLATION.



1 TYPICAL SECTION - HOUSE

202/401

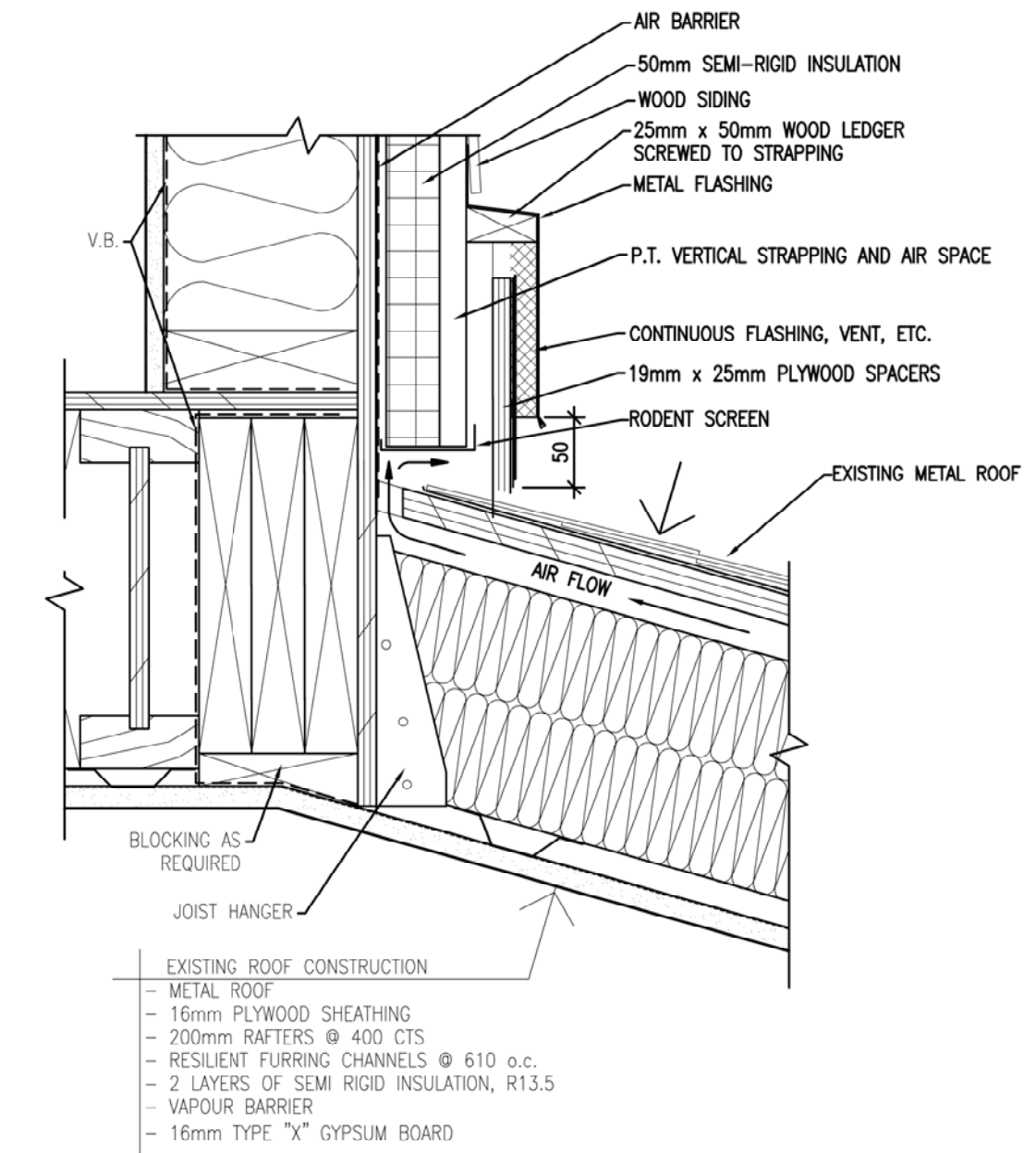
SCALE : 1:10
0mm 100 200 300 400 500 600 700 800 900 1000mm



2 PLAN DETAIL @ CORNER

201/401

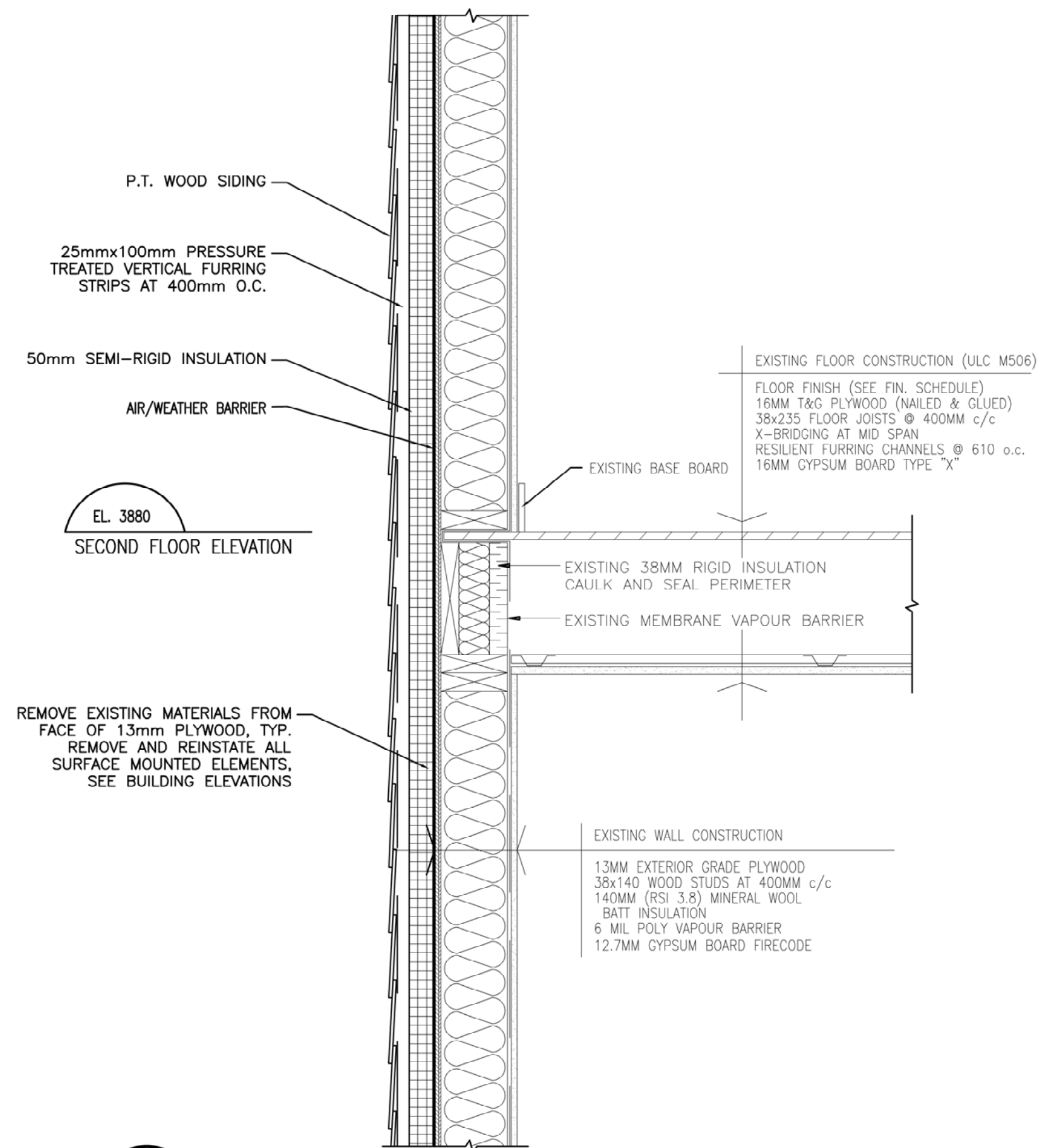
SCALE : 1:5
0mm 100mm 200mm 300mm 400mm 500mm



3 TYPICAL JAMB DETAIL

401

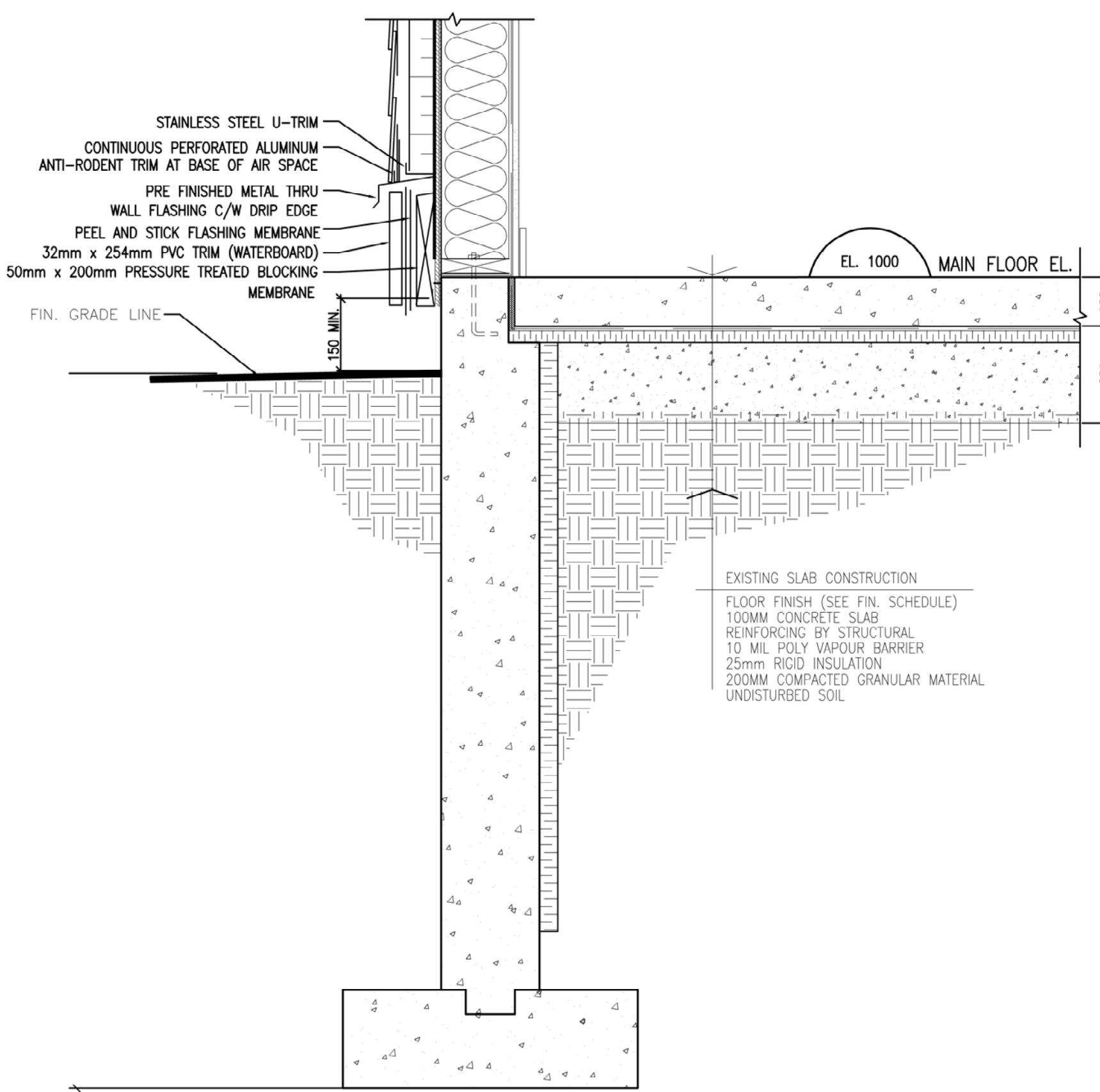
SCALE : 1:5
0mm 100mm 200mm 300mm 400mm 500mm



4 TYPICAL SECTION - HOUSE

201/401

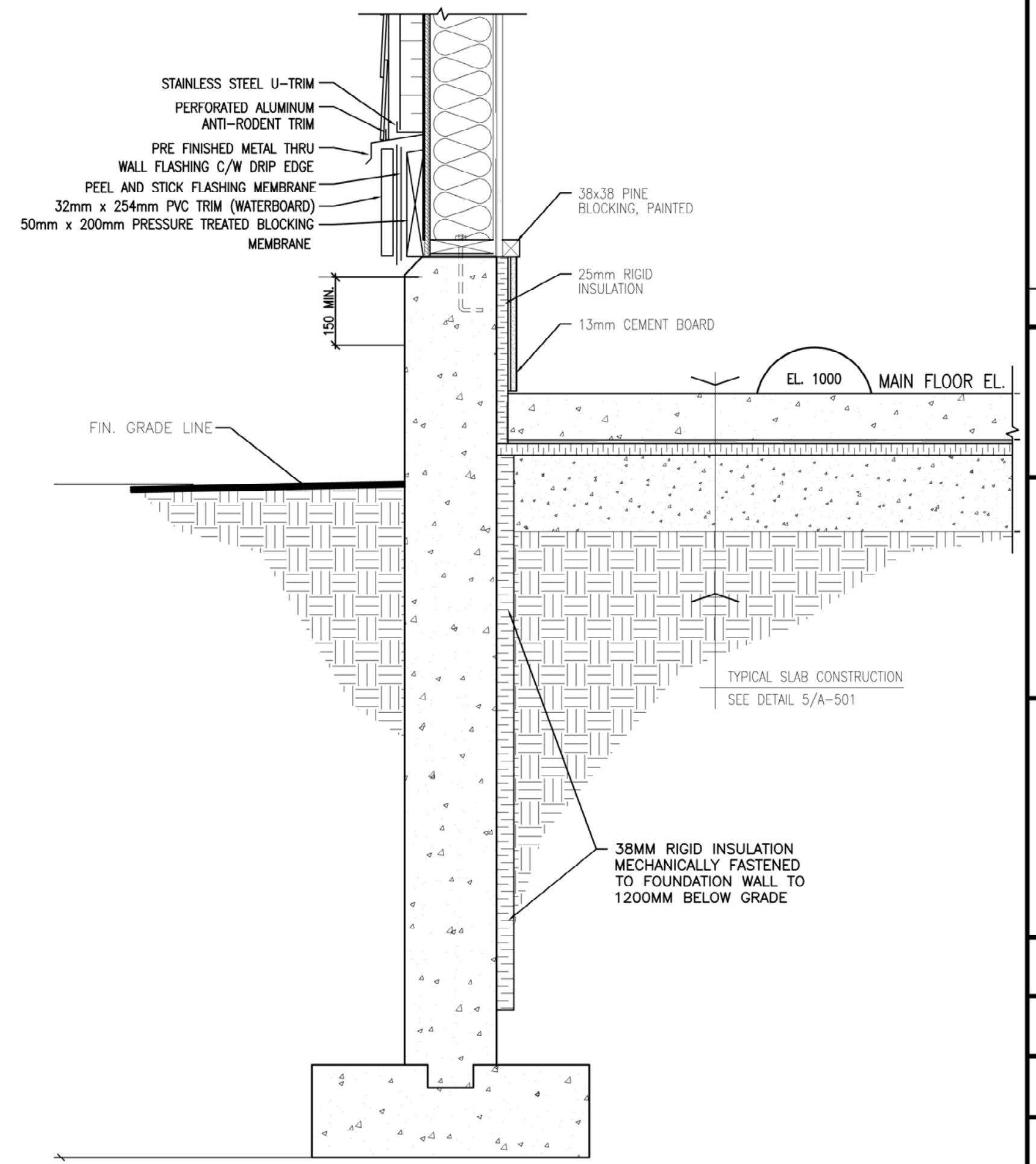
SCALE : 1:10
0mm 100 200 300 400 500 600 700 800 900 1000mm



5 TYPICAL SECTION - HOUSE

201/401

SCALE : 1:10
0 10 20mm 40 60 80 100 120 140 160 180 200mm



6 TYPICAL SECTION - GARAGE

203/401

SCALE : 1:10
0mm 100 200 300 400 500 600 700 800 900 1000mm

revisions	date
A	A detail no. no. du detail
B	B location drawing no. sur dessin no.
C	C drawing no. dessin no.

project: SEARCH AND RESCUE (SAR) STATION BUILDING ENVELOPE REPLACEMENT SOURIS KINGS COUNTY, PEI

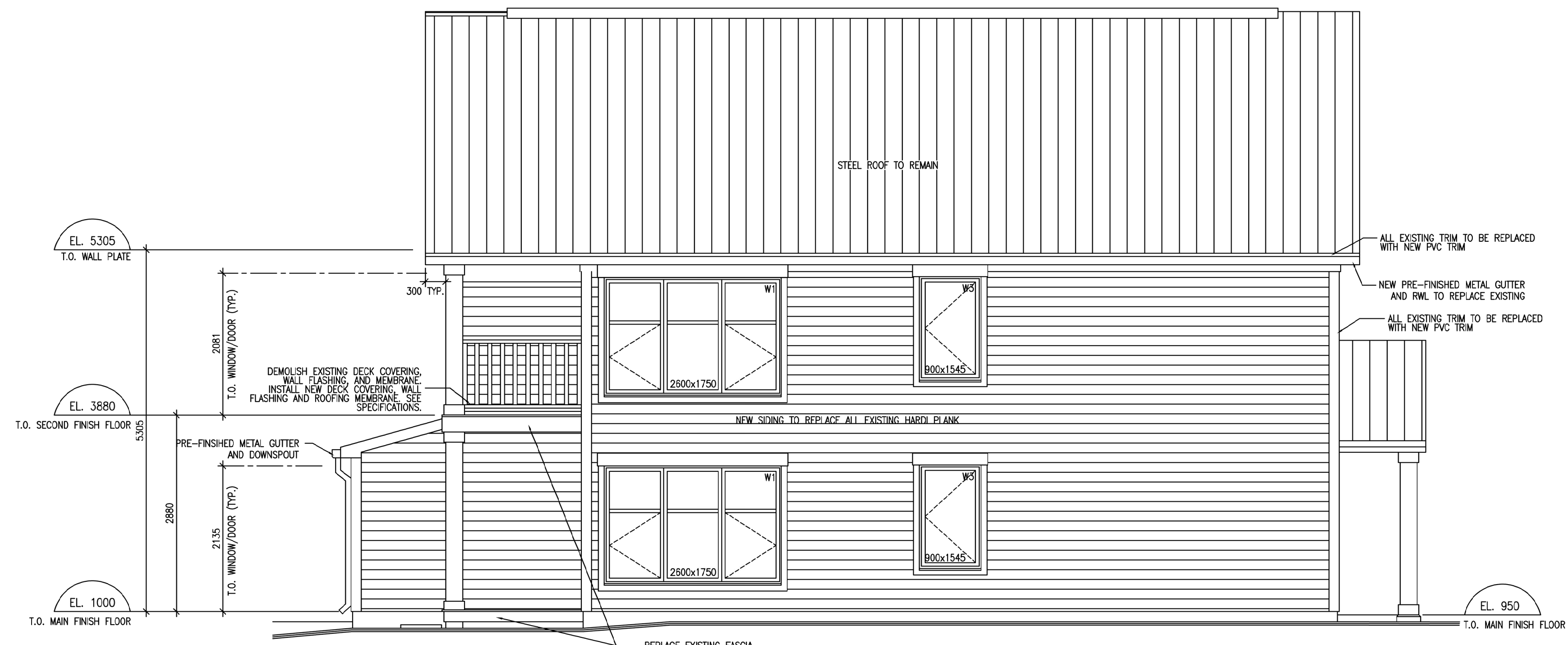
WALL SECTIONS & DETAILS

designed DWS	conçu
date: APRIL 2019	
drawn: JDA	dessiné
date: APRIL 2019	
approved	approuvé
date:	
Tender:	Soumission
PWC Project Manager	Administrateur de projets TPC
project number	no. du projet
R.102321.001	
drawing no.	no. du dessin
A401	



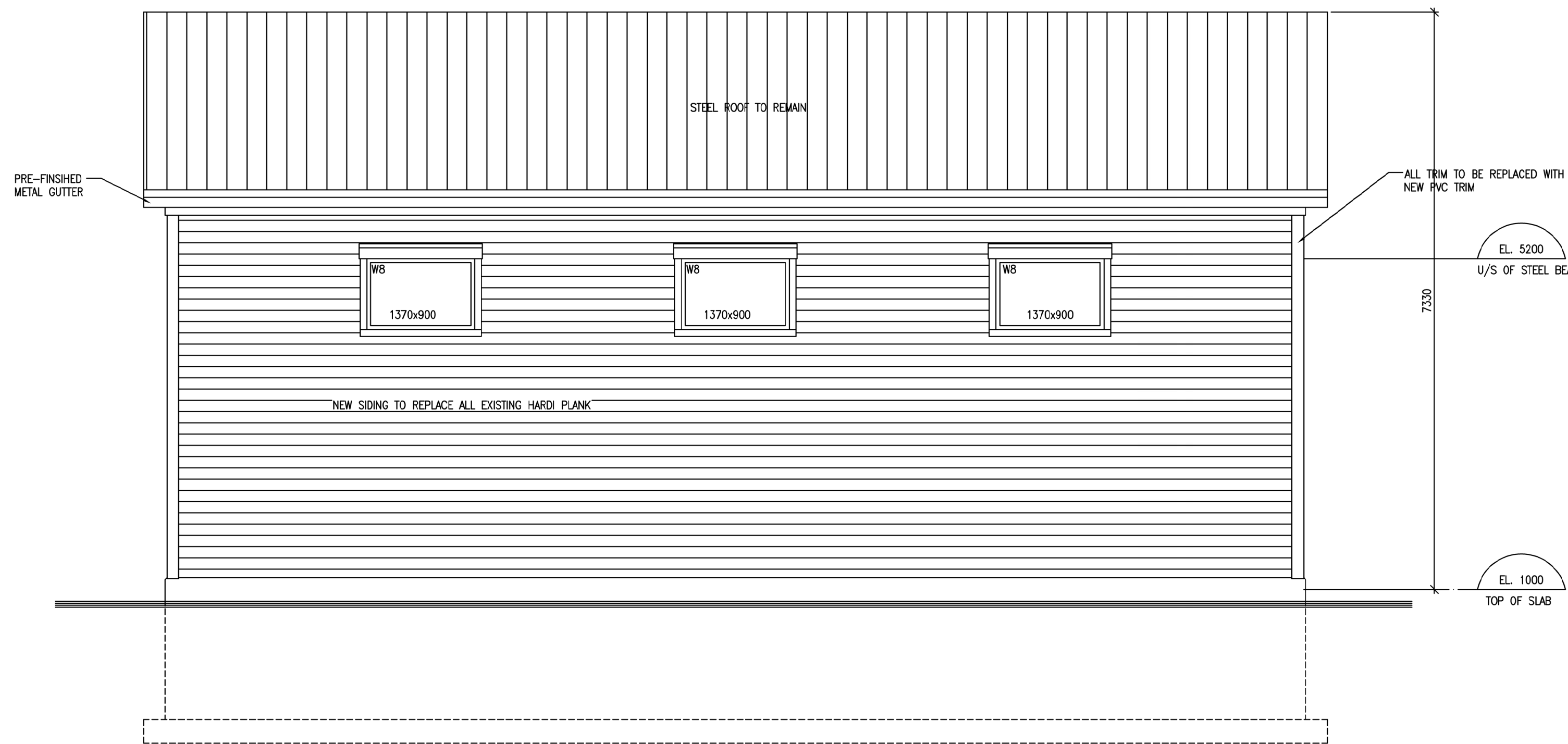
1 NORTH ELEVATION
201302 SCALE : 1:50
0m 1m 2m 3m 4m 5m

NOTE:
1. REMOVE AND REINSTATE ALL EXTERIOR LIGHTING, SIGNAGE, LOUVRES, ELECTRICAL CONDUIT, SATELLITE TOWER AND ANY SERVICES, TYPICAL.
2. REMOVE AND SALVAGE EXISTING TRIM AND VENTS FOR REINSTALLATION AS PER DETAIL 3/401.



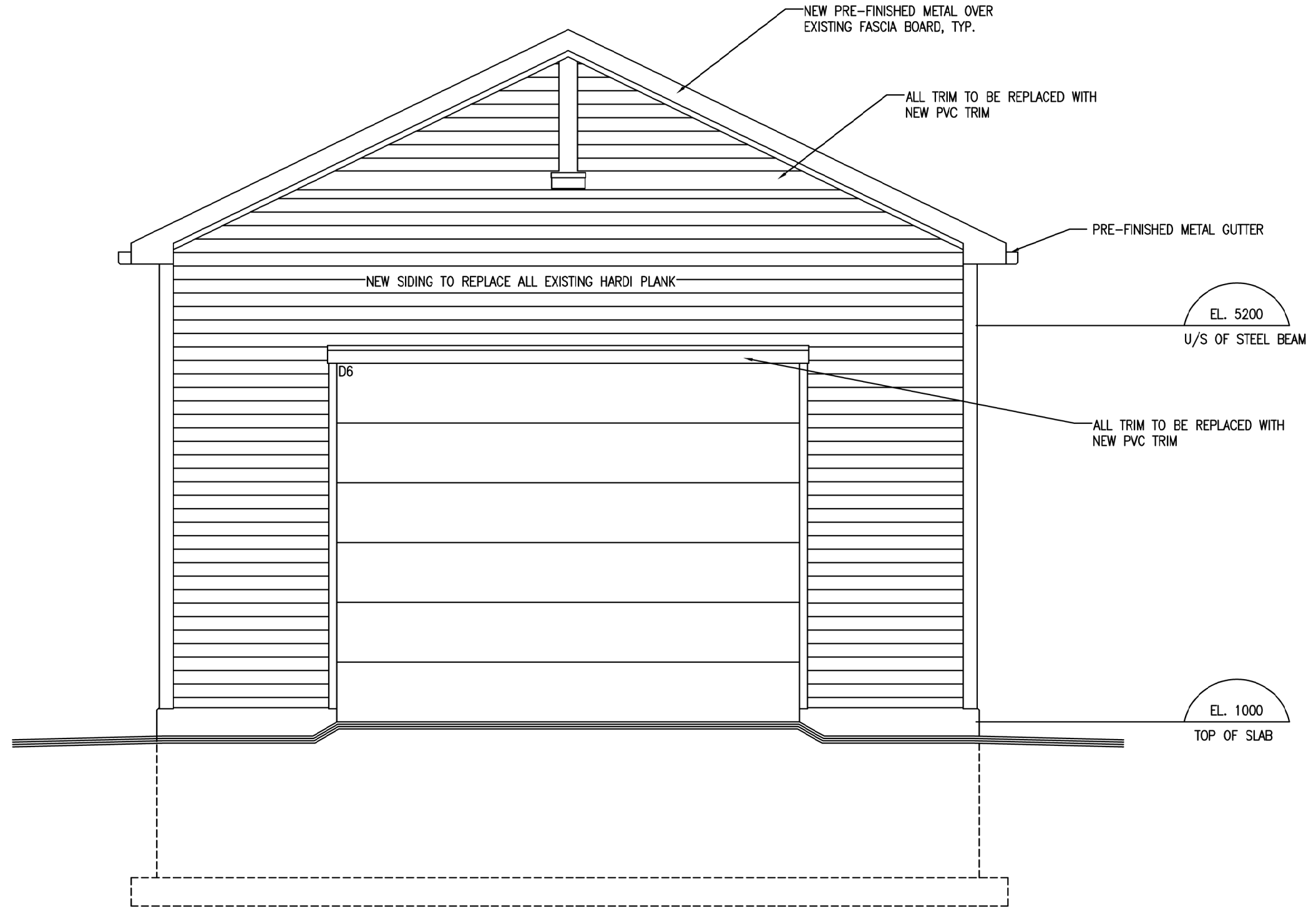
2 EAST ELEVATION
201302 SCALE : 1:50
0m 1m 2m 3m 4m 5m

revisions		date	
		JUNE 2019	
A detail no. no. du detail		A	
B location drawing no. sur dessin no.		B C	
C drawing no. dessin no.			
project		project	
SEARCH AND RESCUE (SAR) STATION BUILDING ENVELOPE REPLACEMENT SOURIS KINGS COUNTY, PEI			
drawing		dessin	
NORTH & EAST ELEVATIONS			
WOOD SIDING			
designed DWS		conçu	
date FEBRUARY 2019			
drawn JDA		dessiné	
date FEBRUARY 2019			
approved		approuvé	
date			
Tender		Soumission	
PWC Project Manager		Administrateur de projets TPC	
project number		no. du projet	
R.102321.001			
drawing no.		no. du dessin	
A302			

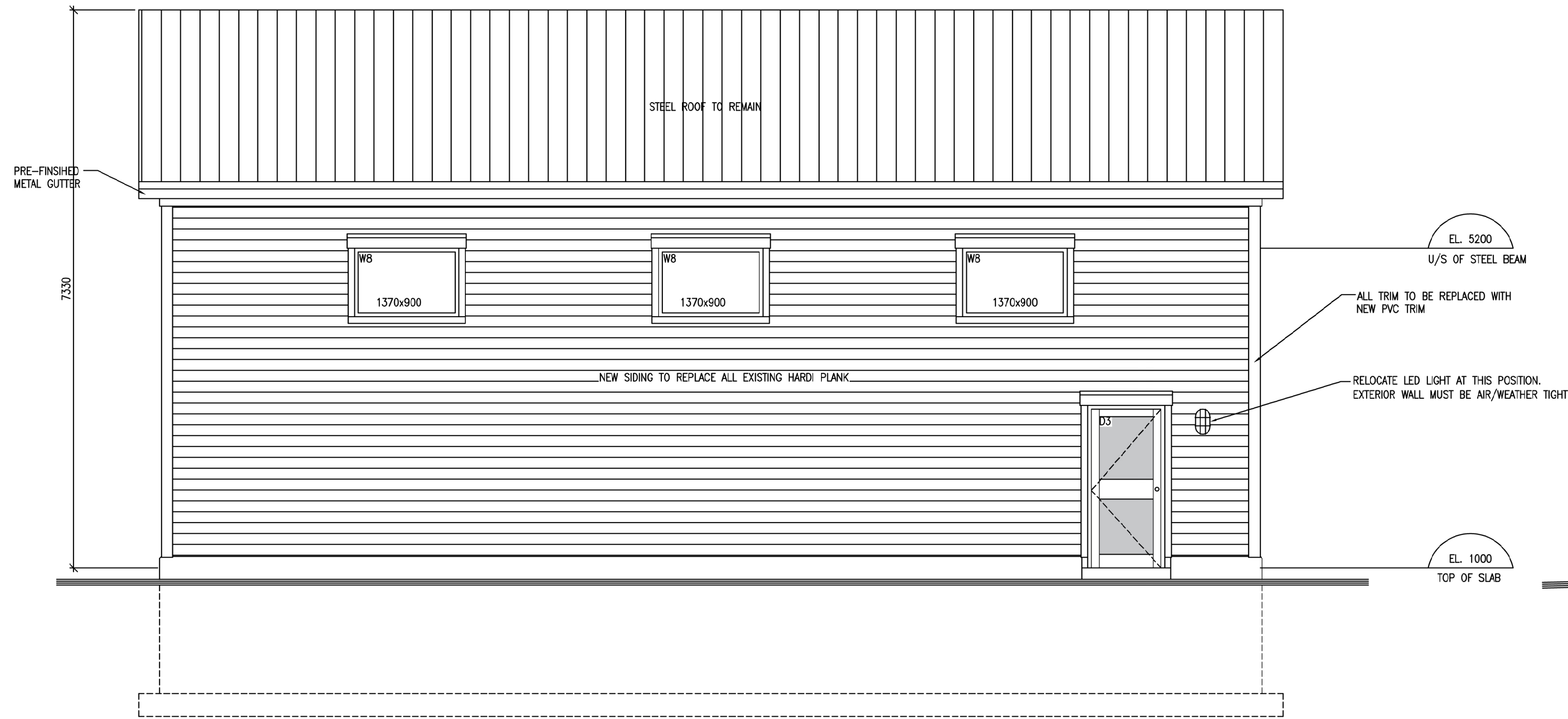


1 NORTH ELEVATION
203|303 SCALE : 1:50

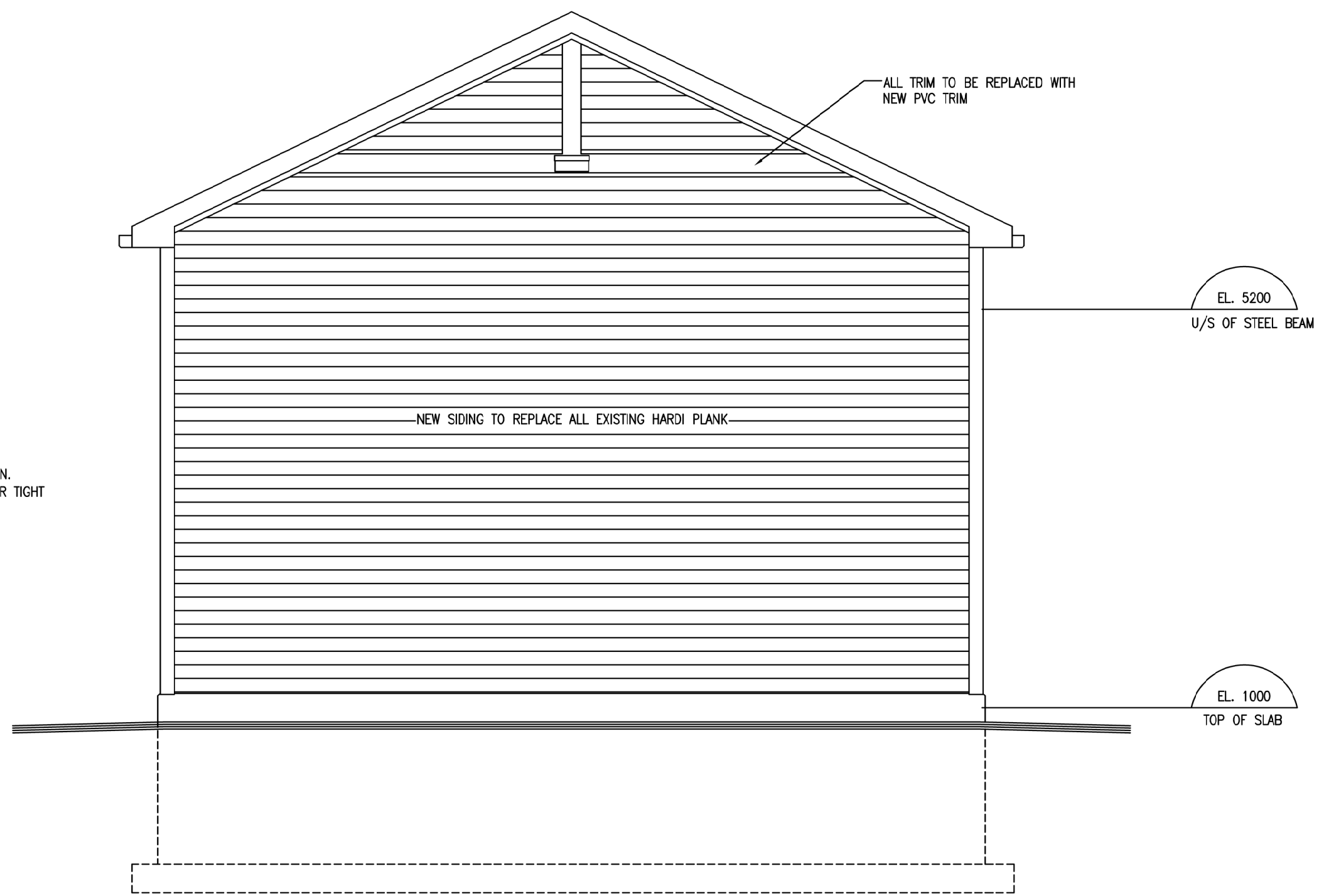
NOTE:
REMOVE AND REINSTATE ALL EXTERIOR LIGHTING, SIGNAGE, LOUVERS, ELECTRICAL CONDUIT, SATELLITE TOWER AND ANY SERVICES, TYPICAL.



2 EAST ELEVATION
203|303 SCALE : 1:50

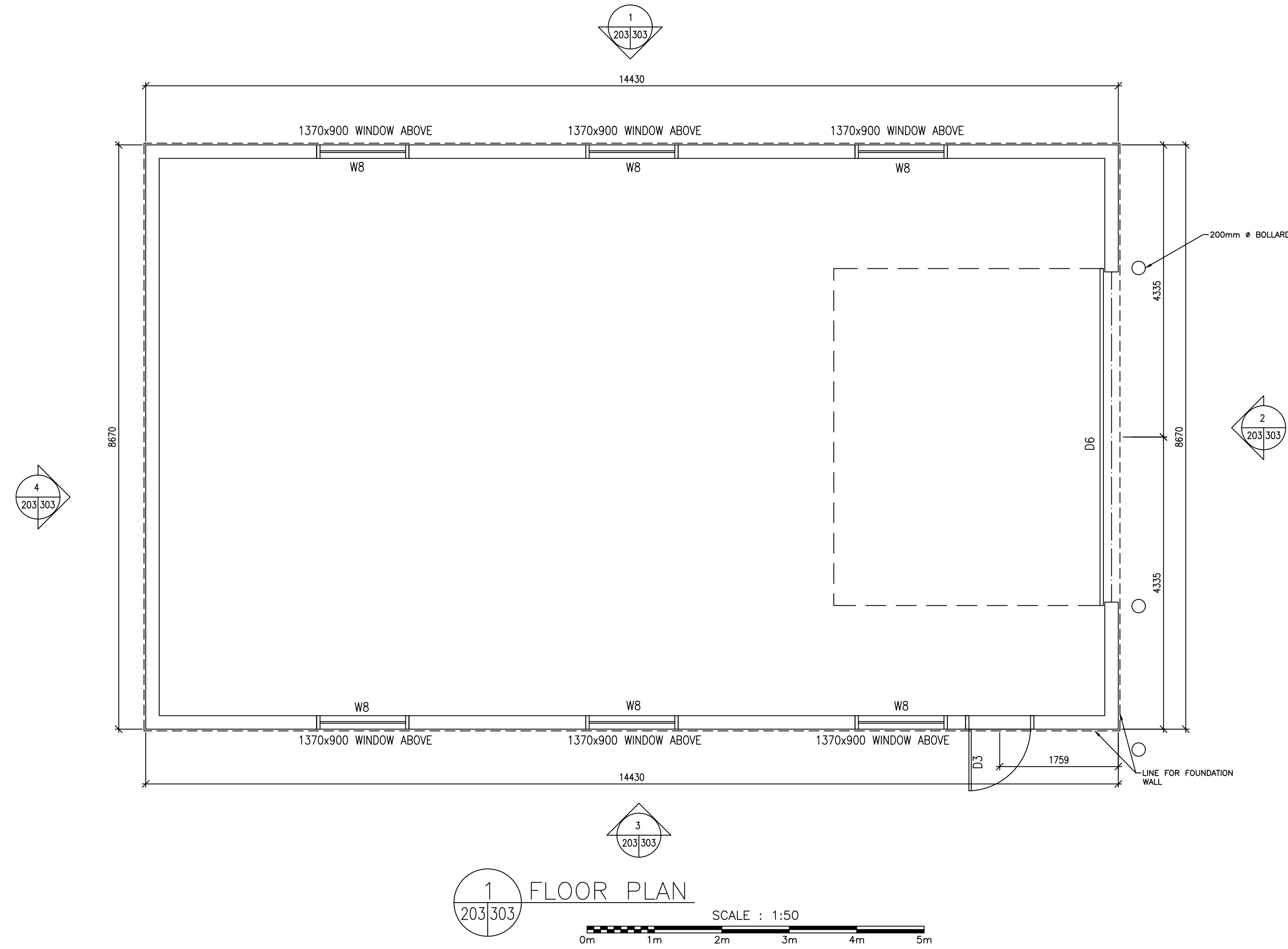


3 SOUTH ELEVATION
203|303 SCALE : 1:50



4 WEST ELEVATION
203|303 SCALE : 1:50

JUNE 2019		
revisions		date
A	A detail no. / no. du detail	A
B	B location drawing no. / sur dessin no.	B
C	C drawing no. / dessin no.	C
project	project	
SEARCH AND RESCUE (SAR) STATION BUILDING ENVELOPE REPLACEMENT SOURIS KINGS COUNTY, PEI		
drawing	dessin	
WORKSHOP ELEVATIONS		
designed DWS	conçu	
date	APRIL 2019	
drawn	JDA	dessiné
date	APRIL 2019	
approved	approuvé	
date		
Tender	Soumission	
PWC Project Manager	Administrateur de projets TPC	
project number	no. du projet	
R.102321.001		
drawing no.	no. du dessin	
A303		



revisions	date
	JUNE 2019

A detail no. no. du detail	A
B location drawing no. sur dessin no.	A
C drawing no. dessin no.	B C

project projet
SEARCH AND RESCUE (SAR) STATION BUILDING ENVELOPE REPLACEMENT SOURIS KINGS COUNTY, PEI

drawing dessin
WORKSHOP FLOOR PLAN

designed DWS conçu

date APRIL 2019

drawn JDA dessiné

date APRIL 2019

approved approuvé

date

Tender Soumission

PWC Project Manager Administrateur de projets TPC

project number no. du projet

R.102321.001

drawing no. no. du dessin

A203

5.0 COMMANDING OFFICER'S STANDING ORDERS

CCGS CAP NORD

COMMANDING OFFICER'S STANDING ORDERS

COSO # 18

6.D.1 SUPERNUMERARY PERSONNEL

1	<p>Supernumerary personnel are defined in the Fleet Safety Manual (Annex A) as follows: "All persons aboard a Coast Guard Ship who are not part of the Ship's complement and who are aboard on the business of the ship fulfilling the mandate of the CCG."</p> <p>Supernumerary personnel can include (but are not limited to) the following personnel: scientific staff, conservation & protection officers, law enforcement officers, etc.</p> <p>Supernumerary personnel are subject to the requirements of the Fleet Safety Manual (FSM), CG Fleet Orders (CGFO's) and Commanding Officer's Standing Orders (COSO's).</p>
2	Supernumerary personnel shall undergo the <i>General Shipboard Familiarization</i> 6.B.1.C155-01 prior to sailing and when applicable, the department specific familiarization. Completed familiarization signature pages will be kept on the ship's file for one (1) year.
3	Supernumerary personnel shall participate fully in the drills, training and exercises applicable to them by regulatory requirements and/or the Commanding Officer.
4	Prior to sailing, supernumerary personnel shall sign the ship's book and the <i>General Statement of Risks</i> (section 6.D.1 Annex D of the FSM). A personal information form must also be completed along with and a <i>Statement of Medical Fitness</i> (section 6.D.1 Annex D Parts 1 & 2 as applicable) prior.
5	An up to date crew list is to be sent to the ROC every time there is a crew change. All new Fisheries Officers are to be familiarized with the vessel.



COSO # 19

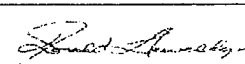
5.0 HOURS OF WORK

1	0600 to 1800 are the normal working hours. Although operational requirements may dictate otherwise, every effort shall be made to allow the crew a break every 2 hours.
2	There are certain situations that may require the change of these hours of work. The Commanding Officer will endeavor to give as much notice as possible, when this requirement is exercised.

COSO # 20

5.0 PERSONAL FLOTATION DEVICES

1	Personal floatation devices (PFD's) are very important pieces of safety equipment and should be kept in good condition, checked regularly for defects and replaced as needed.
---	---

Version:	Two	Reference Procedure:	5.0	Page:	10 of 11
Approved:	Regional Director, Fleet - Atlantic Region			Document #	COSO #1-22
				Effective Date:	August 10, 2015

5.0 COMMANDING OFFICER'S STANDING ORDERS

CCGS CAP NORD

COMMANDING OFFICER'S STANDING ORDERS

2	While working on the open deck, underway, all personnel are required to wear the issued safety PFD vest with the safety equipment attached (flares, whistle, knife, light etc.).
---	--

3	All personnel shall wear PFD's while on the dock or during berthing operations.
---	---

COSO # 21

5.0 GUIDELINES FOR USE OF POWER TOOLS

1	All personnel are required to familiarize themselves with the operating manuals & safety precautions for the power tools used at the station and onboard the vessel.
---	--

2	The manuals are located in the station / shed and / or on the vessel. Any questions or concerns should be addressed with the Commanding Officer before a tool is used.
---	--

3	All personnel are to sign and acknowledge that the safety precautions have been read and understood before the equipment is used.
---	---

COSO # 22

5.0 USE OF STATION VEHICLE

1	The station vehicle is to remain at the station at all times unless authorized for use by the Commanding Officer or the Small Vessels Officer.
---	--

2	The Vehicle Logbook is to be completed by the driver at the start and end of each use, including the trip mileage, fuel replenishment, any damages / repairs or faulty equipment.
---	---

3	The DFO departmental policy regarding the use of government vehicles, including the <i>Personal Use Policy</i> must be read by all persons using the station vehicle.
---	---

4	Any defects or faulty equipment noted by an operator should be reported to the Commanding Officer as soon as possible.
---	--



Version:	Two	Reference Procedure:	5.0	Page:	11 of 11
Approved:	Regional Director, Fleet - Atlantic Region			Document #	COSO #1-22
				Effective Date:	August 10, 2015

Summerside Port Corporation Inc reserves the right to request proof of training or experience for any activity which requires specialized knowledge, skill or technical expertise to complete the activity in a safe manner.

7. ACTIVITY / WORK PERMIT

An *Activity / Work Permit Application Form* must be completed for all activities which are performed at Port of Summerside properties. A copy of the *Activity / Work Permit Application Form* is provided in Appendix D. Task specific details and suspected physical and chemical hazards are to be documented on the *Activity / Work Permit Application Form* for each activity performed. Details provided should contain sufficient information to allow for the evaluation of proper engineering and administrative controls, and personal protective equipment requirements that are to be used for each task.

The *Activity / Work Permit Application Form* must be submitted to the Harbour Master no later than five working days prior to commencing the activity. The activity will not be authorized to commence until formal approval has been granted by Summerside Port Corporation Inc.

8. PERSONAL PROTECTIVE EQUIPMENT (PPE)

Appropriate PPE shall be worn by everyone entering Port of Summerside property. PPE for the site specific hazards will be selected and used in accordance with the manufacturer's specifications and the requirements of legislation and standards stated in Section 5 of this Plan. All PPE must be maintained in good working order and in accordance with the manufacturer's instructions and requirements.

8.1 Minimum PPE

Anyone entering Port of Summerside property during which a port operational or construction work activity is occurring will, as a minimum, wear the following PPE:

- CSA approved safety boots
- CSA approved safety hat
- CSA approved safety glasses

8.2 Site Specific PPE

Appropriate PPE will be worn for all site specific activities where known or suspect hazards may exist or a contaminant may be inhaled, ingested, absorbed or cause irritation or destruction to the dermal (skin) layer. Appendix F contains a summary of typical, but not all inclusive, PPE for protection of human health. The list is provided as guidance and does not include all commercially available products.

8.2.1 Protective Clothing

Protective clothing shall be of a type and condition that will not expose a person to unnecessary and avoidable hazards. Protective clothing shall be constructed of material which will provide a sufficient barrier to a contaminant that may be absorbed through the skin or eyes, or may irritate or damage skin surface.

8.2.2 Respiratory Protection

All reasonable and practical engineering controls and hygiene practices shall be used to reduce the concentration of an airborne contaminant. Respirators shall be used for protection of health after it has been demonstrated, by persons completing an activity, that the concentration of an airborne contaminant cannot be reduced below the American Conference of Governmental industrial Hygienist (ACGIH) Threshold Limit Values (TLV) using engineering and Administrative Controls.

8.2.3 Protection Factors (PF)

Respirator Protection factors (PF) provided by the National Institute for Occupational Safety and Health (NIOSH) will be used for all activities requiring respiratory protection. Appendix F contains a summary of PF for selected respirators.

Maximum Containment Concentration

The maximum contaminant concentration is defined as the highest allowable concentration of an airborne contaminant in an area to which a person may be exposed. All activities are to be terminated and all persons immediately removed from an area where the concentration of an airborne contaminant equals to or exceeds the maximum contaminant concentration.

The TLV concentration is the maximum contaminant concentration for areas where occupants of that area do not wear respiratory protection. For activities which require the use of a respirator, the maximum contaminant concentration is established by multiplying the appropriate PF by the TLV for the contaminant.

Standards for safe work practices provided by, but not limited to, the following organizations will be adhered to while on Port of Summerside properties:

- Canadian Standard Associations (CSA)
- American National Standards Association (ANSA)
- Canadian Council of Ministers of the Environment (CCME)

In the event of a discrepancy between different government legislative requirements, specifications or standards, the most stringent legislative requirement will be applied for activities at the Port of Summerside.

5. ACCESS CONTROLS

Access to the Port of Summerside properties is limited to authorized persons. Authorization may be granted after:

The person requiring access has reviewed the Port of Summerside OHSP, completed a *Site Access Application Form*, and the Application has been accepted by Summerside Port Corporation Inc.

OR

The person requiring access has completed a *Temporary Site Access Application Form* and the Application has been accepted by the Summerside Port Corporation Inc.

A copy of the *Site Access Application Form* is provided in Appendix B.

A copy of the *Temporary Site Access Application Form* is provided in Appendix C.

6. CERTIFICATION AND TRAINING



















Anyone commencing an activity at Port of Summerside properties will have sufficient knowledge and skill to complete the activity in a safe and technically competent manner. Proof of adequate training and accreditation, such as graduation certificates, may be requested by Summerside Port Corporation Inc for, but not limited to, the performance of the following tasks:

- asbestos abatement work
- lead abatement work
- confined space entry
- operation of a crane or forklift
- transporting dangerous or hazardous goods

CANADIANA ENTRANCE DOORS

BASIC DOOR SERIES

m

100A	100B	100C	200A	200B	300A	300B	400A	400B
								
500A	500B	600A	600B	100A INS	400A INS	600A INS	700A H	800A H
								

INS DENOTES INSULDOOR

H DENOTES HERCULEAN (2" THICK)

SERIES	STILES	TOP RAIL	CENTER RAIL	BOTTOM RAIL	FINISH
100C	2 3/32" (53.2 mm)	2 1/8" (53.9 mm)	2 @ 3/4" (19.1 mm)	3 7/8" (98.4 mm)	STD FINISHES
600A	5 3/4" (146.1 mm)	5 5/8" (142.9 mm)	NONE	7" (177.8 mm)	STD FINISHES
100A	2 3/32" (53.2 mm)	2 1/8" (53.9 mm)	NONE	3 7/8" (98.4 mm)	STD FINISHES
100B	2 3/32" (53.2 mm)	2 1/8" (53.9 mm)	10 1/4" (260.4 mm)	3 7/8" (98.4 mm)	STD FINISHES
200A	2 3/32" (53.2 mm)	3 7/8" (98.4 mm)	NONE	7" (177.8 mm)	STD FINISHES
200B	2 3/32" (53.2 mm)	3 7/8" (98.4 mm)	8" (203.2 mm)	7" (177.8 mm)	STD FINISHES
300A	2 3/32" (53.2 mm)	3 7/8" (98.4 mm)	NONE	12" (304.8 mm)	STD FINISHES
300B	2 3/32" (53.2 mm)	3 7/8" (98.4 mm)	10 1/4" (260.4 mm)	12" (304.8 mm)	STD FINISHES
400A	4" (101.6 mm)	3 7/8" (98.4 mm)	NONE	7" (177.8 mm)	STD FINISHES
400B	4" (101.6 mm)	3 7/8" (98.4 mm)	10 1/4" (260.4 mm)	7" (177.8 mm)	STD FINISHES
500A	4" (101.6 mm)	3 7/8" (98.4 mm)	NONE	12" (304.8 mm)	STD FINISHES
500B	4" (101.6 mm)	3 7/8" (98.4 mm)	10 1/4" (260.4 mm)	12" (304.8 mm)	STD FINISHES
600B	5 3/4" (146.1 mm)	5 5/8" (142.9 mm)	10 1/4" (260.4 mm)	7" (177.8 mm)	STD FINISHES
100A INS	2 3/32" (53.2 mm)	2 1/8" (53.9 mm)	NONE	3 7/8" (98.4 mm)	STD FINISHES
400A INS	4" (101.6 mm)	3 7/8" (98.4 mm)	NONE	7" (177.8 mm)	STD FINISHES
600A INS	5 3/4" (146.1 mm)	5 5/8" (142.9 mm)	NONE	7" (177.8 mm)	STD FINISHES
700A H	2 3/8" (60.3 mm)	3 3/16" (81.0 mm)	NONE	4 9/16" (115.9 mm)	STD FINISHES
800A H	4" (101.6 mm)	4 9/16" (115.9 mm)	NONE	8" (203.2 mm)	STD FINISHES

MAY
2006

ALUMICOR LIMITED

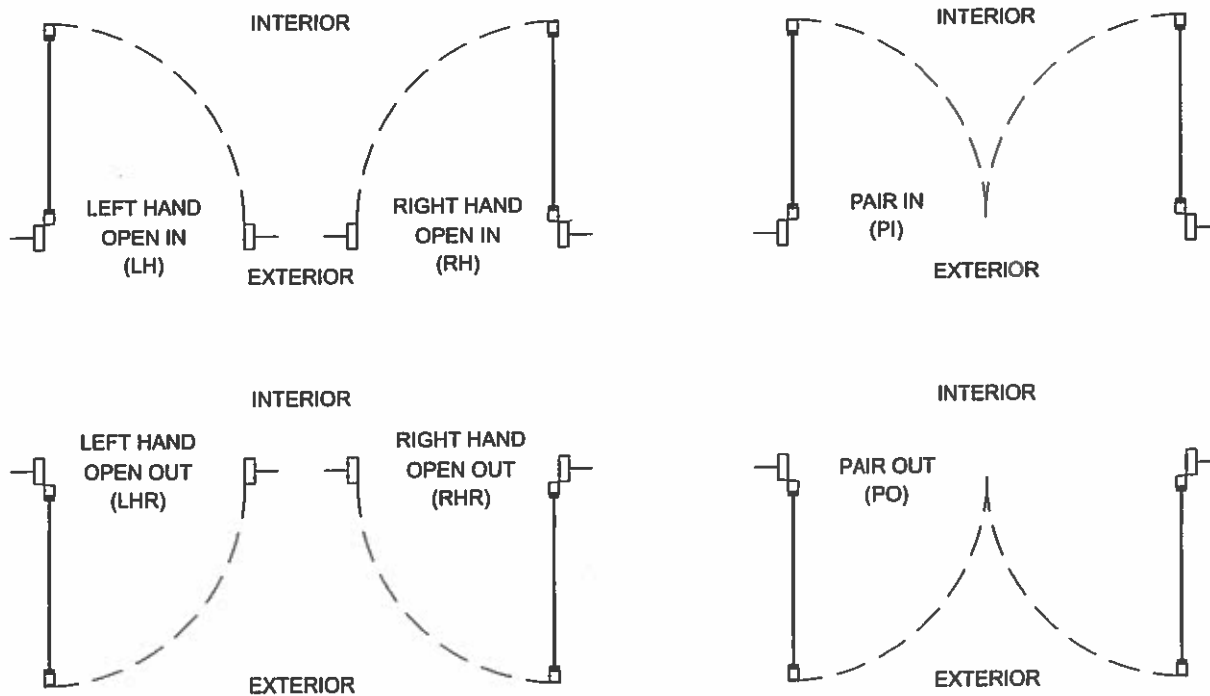
WINNIPEG • TORONTO • MONTREAL • HALIFAX

PAGE:

4.1.1

CANADIANA ENTRANCE DOORS

GENERAL DOOR ORDERING INFORMATION



DOOR HANDING AS VIEWED FROM EXTERIOR

GENERAL PRODUCT INFORMATION

BASIC DOORS INCLUDE

- ADJUSTABLE OFFSET PIVOTS OR BUTT HINGES; ADAMS RITE® MAXIMUM SECURITY DEAD LOCK; CYLINDER EXTERIOR AND THUMB TURN INTERIOR; 4" (101.6 mm) WIDE THRESHOLD AND SNAP ON STOPS FOR 1/4" (6 mm) GLAZING
- PAIRS OF DOORS HAVE FLUSHBOLTS IN THE INACTIVE LEAF AND PILE WEATHERSTRIPPING AT THE MEETING STILES
- PUSH/PULL SETS ARE *NOT* INCLUDED IN BASIC DOORS
- ALUMICOR RECOMMENDS THAT WIDE STILE DOORS, LARGE SIZE DOORS OR DOORS SUBJECT TO HEAVY TRAFFIC BE EQUIPPED WITH AN INTERMEDIATE OR EXTRA BUTT HINGE
- THE STANDARD LOCATION FOR INSTALLATION OF MID-RAILS IN DOORS IS 42" (1067 mm) FROM FINISHED FLOOR TO CENTRE OF MID-RAIL

STANDARD DOOR SIZE

- OPENING SIZE FOR A SINGLE DOOR IS 36" X 84" (914.4 mm X 2133.4 mm)
- OPENING SIZE FOR A PAIR OF DOOR IS 72" X 84" (1828.8 mm X 2133.4 mm)
- ACTUAL DOOR SIZE WILL INCLUDE DEDUCTIONS FOR CLEARANCES AT STILES AND TOP/BOTTOM RAILS AND ALSO ALLOWS FOR A 1/2" (12.7 mm) HIGH THRESHOLD. FOR NON-STANDARD DOOR SIZES, PLEASE SPECIFY OPENING SIZE AND ADVISE IF THRESHOLD CLEARANCE IS NOT REQUIRED OR IS DIFFERENT THAN ABOVE

STANDARD DOOR FINISHES

- MOST ALUMICOR FACILITIES STOCK DOOR LEAFS IN CLEAR ANODIZED AND STANDARD BRONZE ANODIZED FINISH
- DOORS IN CHAMPAGNE ANODIZED, LIGHT BRONZE ANODIZED AND BLACK ANODIZED FINISH ARE NOT STOCKED
- CUSTOM PAINTED FINISHES ARE ALSO AVAILABLE

CANADIANA ENTRANCE DOORS

STANDARD GLASS SIZES

THE FOLLOWING SIZES ARE ACTUAL GLASS SIZES FOR OPENING 3' x 7' (914.4 mm x 2133.6 mm)

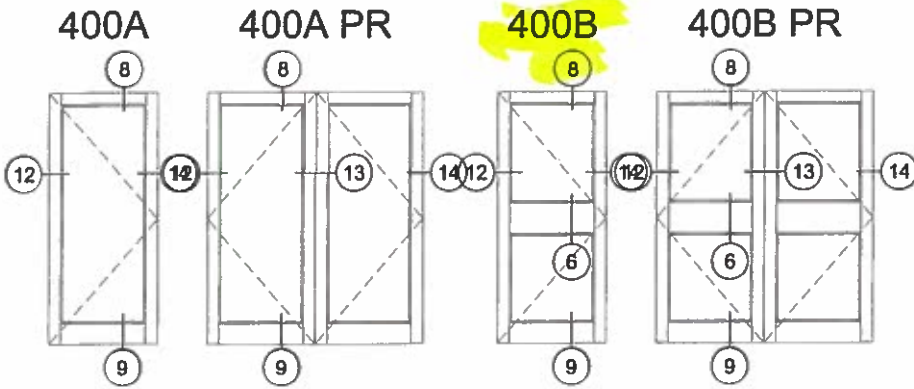
DOOR TYPE		WIDTH	HEIGHT
100A SERIES		31 1/8" (791 mm)	76 11/16" (1948 mm)
100B SERIES	*10 1/4" (260 mm) CENTER RAIL	31 1/8" (791 mm) 31 1/8" (791 mm)	34 1/8" (881 mm) UPPER 31 13/16" (808 mm) LOWER
100C SERIES	*9" (229 mm) CENTER RAIL	31 1/8" (791 mm) 31 1/8" (791 mm) 31 1/8" (791 mm)	34 3/4" (883 mm) UPPER 7" (178 mm) CENTER 32 7/16" (824 mm) LOWER
200A SERIES		31 1/8" (791 mm)	71 13/16" (1824 mm)
200B SERIES	*8" (203 mm) CENTER RAIL	31 1/8" (791 mm) 31 1/8" (791 mm)	33 1/2" (850 mm) UPPER 29 13/16" (757 mm) LOWER
300A SERIES		31 1/8" (791 mm)	66 13/16" (1697 mm)
300B SERIES	*10 1/4" (260 mm) CENTER RAIL	31 1/8" (791 mm) 31 1/8" (791 mm)	32 3/8" (822 mm) UPPER 23 11/16" (602 mm) LOWER
400A SERIES		27 5/16" (697 mm)	71 13/16" (1824 mm)
400B SERIES	*10 1/4" (260 mm) CENTER RAIL	27 5/16" (697 mm) 27 5/16" (697 mm)	32 3/8" (822 mm) UPPER 28 11/16" (726 mm) LOWER
500A SERIES		27 5/16" (697 mm)	66 13/16" (1697 mm)
500B SERIES	*10 1/4" (260 mm) CENTER RAIL	27 5/16" (697 mm) 27 5/16" (697 mm)	32 3/8" (822 mm) UPPER 23 11/16" (602 mm) LOWER
600A SERIES		23 13/16" (605 mm)	70 1/16" (1780 mm)
600B SERIES	*10 1/4" (260 mm) CENTER RAIL	23 13/16" (605 mm) 23 13/16" (605 mm)	30 5/8" (778 mm) UPPER 28 11/16" (729 mm) LOWER
700A SERIES		30 9/16" (776 mm)	74 15/16" (1093 mm)
700A SERIES	*3 3/16" (81 mm) CENTER RAIL	30 9/16" (776 mm) 30 9/16" (776 mm)	36 9/16" (929 mm) UPPER 34 5/8" (879 mm) LOWER
700A SERIES	*10 1/4" (260 mm) CENTER RAIL	30 9/16" (776 mm) 30 9/16" (776 mm)	35 7/8" (911 mm) UPPER 34" (864 mm) LOWER
800A SERIES		27 5/16" (694 mm)	70 1/8" (1791 mm)
800A SERIES	*10 1/4" (260 mm) CENTER RAIL	27 5/16" (694 mm) 27 5/16" (694 mm)	34 1/2" (876 mm) UPPER 30 1/2" (775 mm) LOWER
800A SERIES	*10 1/4" (260 mm) CENTER RAIL	27 5/16" (694 mm) 27 5/16" (694 mm)	31 13/16" (833 mm) UPPER 28 13/16" (732mm) LOWER

- * STANDARD LOCATION FOR CENTER RAIL IS 42" (1066.8 mm) FROM THE FINISH FLOOR TO CENTER OF RAIL
- GLASS SIZES FOR SERIES: INSULDOOR 100A IS THE SAME AS SERIES 100A
INSULDOOR 400A IS THE SAME AS SERIES 400A
INSULDOOR 600A IS THE SAME AS SERIES 600A

THE PUBLISHED GLASS SIZES ARE FOR THE CURRENTLY USED STANDARD DOOR EXTRUSIONS FOR 3' X 7' (914.4 mm X 2133.6 mm) DOOR. ALUMICOR LIMITED RESERVES THE RIGHT TO MAKE ENGINEERING, AND DESIGN, OR PRODUCT IMPROVEMENT CHANGES WITHOUT NOTICE. THE ABOVE SIZES ARE BASED ON STANDARD CLEARANCE WITH 1/2" (12.7 mm) THRESHOLD AND STANDARD DOOR RAILS.

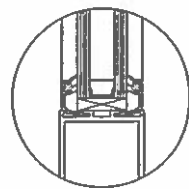
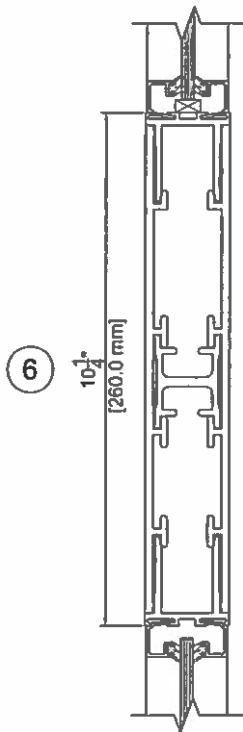
CANADIANA ENTRANCE DOORS

SERIES 400A & 400B DETAILS

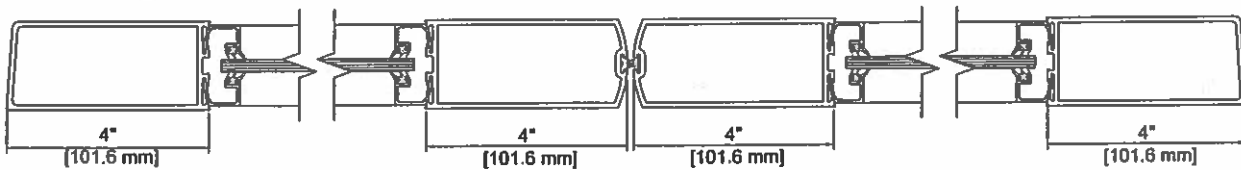
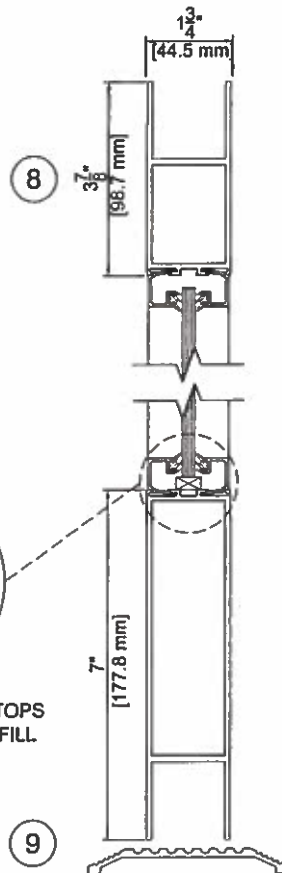


MEDIUM STILE DOORS

- 3 7/8" (98.4 mm) TOP RAIL
- 7" (177.8 mm) BOTTOM RAIL
- 4" (101.6 mm) STILES
- 1 3/4" (44.5 mm) THICKNESS



USE 1065 GLASS STOPS
FOR 1" (25.4 mm) INFILL



Safety and HASP (Health & Safety Plan) Requirements

The contractor is responsible to ensure the approved HASP and the approved Safety Site Specific Requirements are complied with through the life cycle of the contract; will also comply with all other safety requirements and related safety requirements within contract requirements.

HASP Requirements

The contractor will develop and submit a site specific HASP to the RP PA for approval within (10) calendar days after contract award date; refer to “2.6 Reporting Requirements” for additional submittal requirements.

Any documents that may affect staff site personnel will be in English.

The HASP must include the following titles and information, but not limited to:

1. **Site Specific Hazard Assessment**: to include, but not limited to:
 - 1) Perform and document an Initial Hazard Assessment prior to the commencement of site works/activities as stated in this document.
 - 2) Perform and document Daily Site Specific Hazard Assessments to identifying new or potential health risks and safety hazards not previously known; additional Site Specific Hazard Assessments at a frequency to include, but not limited to when new workers arrive on site, scope of work change, working in confined spaces, working at heights, site location, site conditions, adjacent site conditions, the local environment, and performing other hazardous work that requires speciality safety equipment and practices.
 - 3) All site specific hazard assessments will be signed and dated by all site personnel including visitors.
2. **Safety Measures/Controls**: document engineering controls, personal protective equipment and safe work practices used to mitigate hazards and risks related to the identified Site Specific Hazard Assessment above.
3. **Emergency Response Plan**: Plan and document standard operating procedures, evacuation measures and emergency response in the occurrence of an accident, incident or emergency; this must include a site related Muster Point.

Include responses to all hazards and risks identified as part of the above Site Specific Hazard Assessment and related to the Safety Measures/Controls; evacuation measures are to complement the Facility's existing Emergency Response and Evacuation Plan that can be obtained by request through the RP PA; also to complement the attached “Project Mitigation Measures” under “6.1 Applicable Documents”.

4. **List Names and Telephone Numbers of officials to contact including**: telephone numbers must be current, operational at all times, and must be available at all times; it is the responsibility of the contractor to ensure phones/cell phones are charged and operational at all times during site related works/activities. It is the contractor's responsibility to notify all site personnel and the RP PA immediately of all changes of listed personnel in the listed positions and any changes of contact telephone numbers; all changes must be immediately updated on the HASP and have all site personnel sign the revised updated HASP. All listed personnel must be qualified and trained for their listed positions and in accordance with Federal, Provincial, and local codes/regulations/standards/acts; in any case of conflict or discrepancy, the more stringent requirements will apply. This list must include the following information, but not limited to:
 - 1) General Contractor Company Information.

Safety and HASP (Health & Safety Plan) Requirements

- 2) General Contractor Site Superintendent/Foreman: The listed Site Superintendent/Foreman must be on site at all times.
 - 3) General Contractor Site HSE Representative.
 - 4) General Contractor Site Qualified First Aid Representative on site; must designate a site qualified first aid person; this qualified first aid person must be identified to all site personal and listed on the contractors Site HSE Board/Binder.
 - 5) All Subcontractors Company Info.
 - 6) Federal, Provincial, and local emergency response/resource organizations emergency telephone numbers (i.e. Fire, Ambulance, Police, Poison Control, Department of Environment, Department of Natural Resources, Emergency Spill Response, Provincial Gas Company, Provincial Power Company, Municipal Utilities – Water/Sewer/Gas/Electrical/etc, Provincial Construction Safety Association, etc).
 - 7) RP PA.
5. Site Communications: to include, but not limited to:
- 1) Procedures used on site to share work related safety issues between workers, subcontractors, and General Contractor; examples can be a combination of, but not limited to the Site Orientation Meeting for all site workers, Daily Tool Box Safety Talks, Site Specific Safety Orientation Meeting for all new site personnel, Contractor Onsite Safety Board, Identified Communication List that includes the Names/Positions of contractor/subcontractor order of communication transfer, and the Contractor Company Internal/External Communication Policy.
 - 2) List of critical tasks and work activities, which have risk of affecting tenant operations, or endangering health and safety of Facility personnel and the general public.
6. The format and available information must be inclusive when submitted for approval to the RP PA; site specific information will be completed on site prior to the start of works as indicated in this document.
 7. The completed HASP will be signed by all on site workers/personnel including contractor personnel, subcontractor personnel, authorized site visitors, and RP Representatives; to be included on contractors initial Site Specific Safety Orientation Meeting prior to the start of works.
 8. The HASP and related safety documents will remain on site throughout the life cycle of the project.
 9. A scanned copy of the signed/dated HASP including each signed/dated HSE safety site related document must be included on the USB (Universal Serial Bus) Flash Drive/Stick given to the RP PA and will be a condition and part of the final RP PA inspection and closing process for final payment approval.

Safety Site Specific Requirement Forms

The contractor will develop and submit a Safety Site Specific Requirement Forms to the RP PA for approval within (10) calendar days after contract award date; refer to “2.6 Reporting Requirements” for additional submittal requirements.

Any documents that may affect staff site personnel will be in English.

The Safety Site Specific Requirement Forms will include the following titles and information, but not limited to:

1. Daily Site Safety Tool Box Talks: document to include, but not limited to:

Safety and HASP (Health & Safety Plan) Requirements

- 1) Perform and document Daily Site Safety Tool Box Talks prior to the start of daily works/activities and have all onsite workers sign and date each related document after such safety talks.
 - 2) Tool Box Safety Talks will be related to each individuals projected site daily work activities; if the projected work activities change for any reason, the contractor is responsible to stop work in a safe manner and conduct a tool box safety talk related to the change of work activities and potential hazards.
 - 3) All daily site safety tool box talks will be signed and dated by all site personnel including visitors; all documents will remain on site throughout the life cycle of the project.
2. Hot Work Permit: will include, but not limited to:
- 1) Project name and project number.
 - 2) Contractor/Company Name.
 - 3) Building name and specific room or area where hot work will be performed.
 - 4) Date of issue;
 - 5) Description of hot work type needed;
 - 6) Special precautions to be followed, including type of fire extinguisher needed;
 - 7) Name and signature of permit issuer.
 - 8) Name of worker to which the permit is issued.
 - 9) Permit validity period not to exceed 8 hours. Indicate start time/date and termination time/date.
 - 10) Worker's signature with time/date of hot work completion.
 - 11) Stipulated time period of safety watch.
 - 12) Fire Safety Watcher's signature with time/date.
 - 13) Approval Name/Signature Block for RP PA.
 - 14) The Hot Work Permit will be signed and dated daily by all personnel related to such works; all documents will remain on site throughout the life cycle of the project.
3. Lockout Permit: will include, but not limited to:
- 1) Project name and project number.
 - 2) Contractor/Company Name.
 - 3) Building name and specific room or area where electrical works will be performed and room/location of lockout.
 - 4) Date of issue.
 - 5) Description of work that requires lockout.
 - 6) Special precautions to be followed.
 - 7) Name and signature of permit issuer.
 - 8) Name of worker/workers to which the permit is issued.
 - 9) Permit validity period not to exceed 8 hours. Indicate start time/date and termination time/date.
 - 10) Worker's signature with time/date of lockout completion.
 - 11) Name and stipulated time period of safety watcher.
 - 12) Safety Watcher's signature with time/date.
 - 13) Approval Name/Signature Block for RP PA
 - 14) NOTE: Use industry standard lockout tags; provide appropriate safety grounding and guards as required.

STANDARD MITIGATION MEASURES FOR REPAIR, MAINTENANCE, AND MINOR WORKS

The following Standard Mitigation Measures apply to Repair, Maintenance, and Minor Works projects. These measures are to be incorporated into a project in order to avoid any potential significant adverse environmental effects. Applicable measures should be included in the project specifications, contract, lease or licence documents, and monitored on site for compliance. Regional DFO Operational Statements, Best Management Practices, Approved Work Practices, etc. may also exist for low-risk projects and are to be followed as appropriate

GENERAL

1. Ensure compliance with all federal legislation and provincial, territorial, municipal and international laws codes, and standards, as applicable.
2. Notify any private businesses on or adjacent to the project site prior to the commencement of the project.
3. Ensure that all waste material will be disposed of in an environmentally responsible manner, and in accordance with provincial, territorial, municipal legislation.
4. Ensure that all trucks are road worthy, and that drivers observe all speed and weight limits on site.
5. Ensure that all construction equipment is in good working order and careful maintenance and monitoring of all equipment be carried out to minimize the risk of spills or leaks of petroleum-based products.
6. Ensure Contractor has an emergency response plan to control any fuel spills, which will include having on site appropriate spill response equipment readily available for immediate deployment. All spills and releases must be reported to the relevant federal, provincial, or territorial government departments. The emergency response plan must include the appropriate phone number for reporting releases in the area as well as phone numbers for local authorities (Police or Fire departments).
7. Ensure Contractor has on hand emergency phone numbers for the Harbour Authority and any fish processors or buyers or other operators to alert them to possible contamination of the harbour should a spill occur, so as to shut down or divert water intakes and sources.
8. Ensure care is taken to observe for evidence of archaeological deposits while work is being completed. Stop work if evidence shows a potential archaeological artifact or deposit and notify a provincial representative before proceeding.

LAND

1. Keep the clearing of riparian vegetation necessary for access to the construction site to a minimum. Use existing trails and roads wherever possible as access routes to avoid disturbance to the riparian vegetation. Preserve trees, shrubs and grasses near the shoreline.
2. Vegetate any disturbed areas by planting and seeding preferably with native trees, shrubs or grasses and cover such areas with mulch to prevent erosion and to help seeds germinate. If there is insufficient time remaining in the growing season, the site should be stabilized (e.g., cover exposed areas with erosion control blankets to keep the soil in place and prevent erosion) and vegetated the following spring.
3. Maintain effective sediment and erosion control measures until re-vegetation of disturbed areas is achieved.

WATER

1. Conduct work in a manner that prevents the release of debris (e.g. cribbing, ballast, sediment, etc.) or any deleterious substance into any body of water.
2. Conduct work during low wind, wave and tidal conditions.
3. Use bank stabilization techniques in conjunction with sedimentation/erosion controls where appropriate to minimize impacts due to run off.
4. Use concrete that is pre-cast and cured away from the water if possible. Where this is not feasible pour concrete in place only using industry approved techniques and applicable standards (e.g., Tremie Process in accordance with CSA A23.1) and all available measures (e.g., watertight molds, sheet piles, properly sealed chutes and funnels, site dewatering, wave and current protection, etc) to ensure there is no seepage/spillage of concrete or concrete residues into the marine environment.
5. Cut, seal and stain all lumber away from the water using only products that are approved for use by the Pest Management Regulatory Agency, Health Canada. All sealed and stained lumber should be completely dry before being used near water.
6. Refuel equipment at least 30 meters from any watercourse. Wash and service machinery and store fuel and other materials for the machinery away from the water to prevent any deleterious substance from entering the water.
7. Restore shoreline or banks to original condition if any disturbance occurs.
8. Stabilize any waste materials removed from the work site to prevent them from entering the water body. This could include ensuring materials are placed above the HWM, covering dredge material disposal location with biodegradable mats or tarps or planting them with preferably native grass or shrubs.
9. Ensure that there will be no adverse impact on water quality associated with his operations and activities by: ensuring that there will be no debris dumped or left floating in a watercourse; taking necessary action to prevent any fine materials from entering a watercourse; using clean aggregates and stone, free from organics, mud, and excessive fines in the work, where such materials may come in contact with a watercourse; taking all necessary measures to prevent surface runoff of fine materials into any watercourse.
10. Ensure that there will be no negative impacts on any water sources at the harbour (e.g. wells, water intakes, etc.).

AIR

1. Ensure that there will no excessive noise generated from the project outside normal working hours for the duration of the project.
2. Ensure that there will not be any excessive dust produced from vehicles travelling on gravel surfaces that will have an impact on adjacent residences and businesses.

NATURAL SYSTEMS










1. Time the work to prevent disruption to sensitive fish life stages by adhering to any appropriate fisheries timing windows.
2. Ensure that concentrations of seabirds, waterfowl, or shorebirds not be approached when accessing the construction site, accessing wharves, or transporting supplies.
3. Ensure that wetlands or other sensitive coastal habitats (i.e., any area in which plant or animal life or their habitats are either rare or especially vulnerable) be avoided and not used as staging/storage areas.
4. If a nest is found during vegetation clearing activities, the nest site and neighbouring vegetation must be left undisturbed until nesting is completed. Construction activities must also be minimized in the immediate area until nesting is completed.

Version 1.2 April 2015

5. Provide upon request, a record of assurance (i.e., dates of cleaning, type of cleaning, location of last mobilization, type of cleaning material used, etc.) indicating that the mitigation measures, as per DFO guidelines for invasive species, has occurred.









DOOR HARDWARE

COMPONENTS - LOCKING

PART	PART NO.	DESCRIPTION	NOTES
	76010	ADAMS RITE MS 1850 DEAD LOCK 1 1/8" BACK SET LONG THROW SPECIFY LH BEVEL, RH BEVEL OR ROUND STILE IN CLEAR OR BRONZE FOR FACE PLATE	PLATED STEEL
	76030	ADAM RITE S 1850 DEAD LOCK 1 1/8" BACK SET SHORT THROW SPECIFY LH BEVEL, RH BEVEL OR ROUND STILE IN CLEAR OR BRONZE FOR FACE PLATE	PLATED STEEL
	76020	ADAMS RITE MS 1850 DEAD LOCK HOOK LOCK 1 1/8" BACK SET SPECIFY CLEAR OR BRONZE FACE PLATE	PLATED STEEL
	76040	ADAMS RITE 4710 LATCH LOCK RH DEAD LATCH LOCK 1 1/8" BACK SET SPECIFY LH BEVEL, RH BEVEL OR ROUND STILE IN CLEAR OR BRONZE FOR FACE PLATE	PLATED STEEL FOR USE WITH 6510 PADDLE OR 7650 AND 7652 HANDLES
	76050	ADAMS RITE 4710 LATCH LOCK LH DEAD LATCH LOCK 1 1/8" BACK SET SPECIFY LH BEVEL, RH BEVEL OR ROUND STILE IN CLEAR OR VRONZE FOR FACE PLATE	PLATED STEEL FOR USE WITH 6520 PADDLE OR 7651 AND 7653 HANDLES
	6510	PADDLE ACTIVATOR	FOR USE WITH 4710 LATCH LOCK 76040 USE ON INSIDE OF LHR DOOR
	6520	PADDLE ACTIVATOR	FOR USE WITH 4710 LATCH LOCK 76050 USE ON INSIDE OF RHR DOOR
	7616	STEEL LOCK GUARD	
	7631	FLUSHBOLTS APPLIED TO INACTIVE LEAF OF DOOR PAIRS WITHOUT MULLION (1/4" BRACKET)	FOR USE WITH 400 TO 800 DOOR SERIES



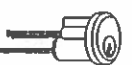






DOOR HARDWARE

COMPONENTS - LOCKING

PART	PART NO.	DESCRIPTION	NOTES
	7650	ADAMS RITE 4560 LEVER HANDLE RH USE ON INSIDE OF LHR DOOR	FOR USE WITH LATCH LOCK 7640 
	7651	ADAMS RITE 4560 LEVER HANDLE LH USE ON INSIDE OF RHR DOOR	FOR USE WITH 4710 LATCH LOCK 76050 
	76541	STRIKE FOR LATCH LOCK 4502-1 FLAT FACE - SINGLE DOORS FRAME MOUNT	FOR USE WITH 4710 LATCH LOCK 76040 AND 76050
	76561	STRIKE FOR LATCH LOCK 4502-2 RADIUSED FACE FOR PAIRS OF DOORS STILE MOUNT	FOR USE WITH 4710 LATCH LOCK 76040 AND 76050
	76431	ELECTRIC STRIKE FOR LATCH LOCK 7100 FLAT FOR SINGLE DOORS FRAME MOUNT 24V AC INTERMITTENT	FOR USE WITH 4710 LATCH LOCK 76010 AND 76050
	76432	ELECTRIC STRIKE FOR LATCH LOCK 7101 RADIUSED FACE FOR PAIRS OF DOORS STILE MOUNT	FOR USE WITH 4710 LATCH LOCK 76040 AND 76050





DOOR HARDWARE

COMPONENTS - LOCKING

PART	PART NO.	DESCRIPTION	NOTES
	7610	SINGLE CYLINDER	FOR USE WITH MS LOCKS
	7611	PAIR OF CYLINDERS KEYED ALIKE	FOR USE WITH MS LOCKS
	7614	SINGLE CYLINDER	FOR USE WITH RIM TYPE PANIC HARDWARE
	76129	DUMMY CYLINDER BLANK KEY WAY	
	76130	DUMMY CYLINDER BLANK KEY WAY	
	76218	ADDITIONAL KEYS CUT ALUMICOR CYLINDERS	EACH
	7661	THUMB TURN	FOR USE WITH MS LOCKS
	76171	RECESSED THUMB TURN	FOR USE WITH MS LOCKS
	7615	CYLINDER GUARD SECURITY RING	

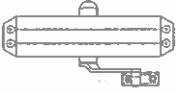
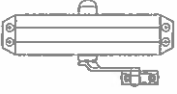

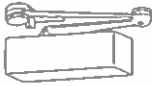


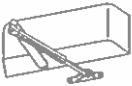


DOOR HARDWARE

COMPONENTS - EXIT DEVICE

PART	PART NO.	DESCRIPTION	NOTES
	6026	ADAMS RITE 8400 MORTISED TYPE LHR SURFACE APPLIED, USE ON NARROW STILE DOORS HANDED, TOUCH BAR DOGGING STANDARD ADAMS RITE CUT OUT CYLINDER & TROM OPTIONAL	
	6027	ADAMS RITE 8400 MORTISED TYPE RHR SURFACE APPLIED, USE ON NARROW STILE DOORS HANDED, TOUCH BAR DOGGING STANDARD ADAMS RITE OUT CYLINDER & TRIM OPTIONAL	
	6025	ADAMS RITE 8600 CONCEALED ROD USE ON NARROW STILE DOORS NON HANDED, TOUCH BAR DOGGING CYLINDER & TRIM OPTIONAL FOR DOOR PAIRS W/O MULLION	
	6024	VON DUPRIN 99EO RIM TYPE USE NARROW STILE WITH CENTER RAIL USE ON WIDE STILE DOORS W/O CENTER RAIL NON HANDED, TOUCH BAR DOGGING CYLINDER & TRIM OPTIONAL	
IMAGE NOT AVAILABLE	—	REMOVABLE MULLION REMOVABLE MULLIONS ARE SUGGESTED FOR SECURITY REASONS BETWEEN PAIRS OF DOORS	

DOOR HARDWARE

CLOSERS

PART	PART NO.	DESCRIPTION	NOTES
	5501	DORMA 655 THINLINE COMPLETE WITH BACK CHECK & STANDARD ARM NON HANDED	
	5502	DORMA 651BC COMPLETE WITH BACK CHECK, STANDARD ARM & ADJUSTABLE SPRING POWER (1-4). NON HANDED MEETS BARRIER FREE REQUIREMENTS CAN BE USED TO RETROFIT NORTON 1605	
	5519	LCN 4111 SMOOTHIE H CUSH RH COMPLETE WITH BACK CHECK, PARALLEL ARM, BUILT IN DOOR HOLDER / STOP & ADJUSTABLE SPRING POWER. SPECIFY HAND REQUIRES DROP PLATE & 3 7/8" (98.4 mm) TOP RAIL	
	5520	LCN 4111 SMOOTHIE H CUSH LH COMPLETE WITH BACK CHECK, PARALLEL ARM, BUILT IN DOOR HOLDER / STOP & ADJUSTABLE SPRING POWER. SPECIFY HAND REQUIRES DROP PLATE & 3 7/8" (98.4 mm) TOP RAIL	
	5511	LCN 4021 SMOOTHIE RH COMPLETE WITH BACK CHECK, STANDARD ARM & ADJUSTABLE SPRING POWER. SPECIFY HAND MAXIMUM DOOR WIDTH 3' 2" (965.2 mm) REQUIRES DROP PLATE & 3 7/8" (98.4 mm) TOP RAIL	
	5512	LCN 4021 SMOOTHIE LH COMPLETE WITH BACK CHECK, STANDARD ARM & ADJUSTABLE SPRING POWER (SPECIFY HAND) MAXIMUM DOOR WIDTH 3' 2" (965.2 mm) REQUIRES DROP PLATE & 3 7/8" (98.4 mm) TOP RAIL	
	5518	LCN 4041 SUPER SMOOTHIE COMPLETE WITH BACK CHECK, STANDARD ARM & ADJUSTABLE SPRING POWER. NON HANDED REQUIRES DROP PLATE & 3 7/8" (98.4 mm) TOP RAIL	
	55035	DORMA RTS 88 OVERHEAD CONCEALED TYPE 105° NO HOLD OPEN, SIZE 3, NON HANDED (REQUIRES COVER PLATE & ARM)	

Cape Cod

Finished Wood Siding

www.capecodsiding.com

INSTALLATION, STORAGE AND WALL CONSTRUCTION DETAILS

IMPORTANT – READ THE FOLLOWING INSTRUCTIONS CAREFULLY BEFORE INSTALLING YOUR WOOD SIDING. FAILURE TO STRICTLY FOLLOW THESE INSTALLATION, STORAGE AND WALL CONSTRUCTION INSTRUCTIONS WILL VOID ALL WARRANTIES. FOR DETAILED SHINGLE INSTALLATION INSTRUCTIONS PLEASE REFER TO THE INSTRUCTION INSERT INCLUDED IN THE SHINGLE BOX.

The following installation instructions are created in accordance with the National Building Code of Canada. Please check with local authorities for applicable Building Codes in your area. If the National or Local Building Code requirements exceed these instructions, then that Code will apply.

IF THE TYPE OF CONSTRUCTION USED IS NOT DETAILED IN THIS INSTALL INSTRUCTIONS OR DOES NOT PERMIT NAIL PENETRATION THROUGH THE SIDING AND INTO A FULL 1 INCH OF SOLID WOOD BEHIND THE SIDING, STOP AND CALL 1-800-565-7577.

IT IS THE RESPONSIBILITY OF THE INSTALLER TO ENSURE THAT THE SIDING IS CORRECTLY INSTALLED. FAILURE TO STRICTLY ADHERE TO THESE INSTRUCTIONS AND ALL APPLICABLE BUILDING CODES WILL VOID THE WARRANTY AND AFFECT THE PRODUCT PERFORMANCE AND APPEARANCE.

1 BEFORE YOU START

Double check that the siding/trim colours and profile are correct. Should you find any product to be unsatisfactory DO NOT INSTALL IT. Contact a Cape Cod Siding Representative immediately at 1-800-565-7577. INSTALLATION OF EACH PIECE OF CAPE COD WOOD SIDING, CONSTITUTES AN ACCEPTANCE OF THE CONDITION OF THE SIDING PRODUCT PRIOR TO INSTALLATION.

2 PROPER STORAGE

- Store all siding on a flat, level surface, off the ground.
- Protect all siding and trim boards from the elements by storing them under a roof or a waterproof covering.
- All siding and trim boards MUST be dry prior to installation.

When opening the bundles of siding on the jobsite, cut the lumber wrap along the dotted line at the bottom of the bundle. Save the plastic wrap that is under the lumber wrap to help cover the siding.

3 PRIOR TO INSTALLATION

- Install an approved house wrap in accordance with the manufacturer's instructions, if required by Code.
- Properly seal and flash all openings, including over window and door trims, to prevent moisture intrusion or water build up.
- Install rain gutter to deflect water from siding.
- Ensure all wall cavities are dry prior to siding installation.
- Ensure strapping is installed on 12 or 16 inch centers (refer to sections 5, 6, 7, 8 & 9).
- For siding and trim installation on structures that are less than 10 meters away from an open body of water ("Extreme Exposure Conditions") the Siding must be pressure treated for the Warranty to be valid. It is also recommended that in all high moisture conditions that pressure treated siding and trims be used.

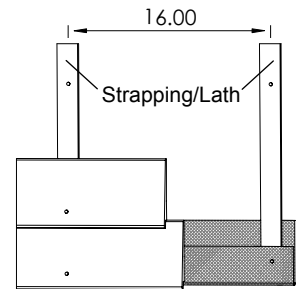
4**IMPORTANT INSTALLER RESPONSIBILITIES**

- Paint/seal all field cuts with Cape Cod Siding colour matched touch-up paint.
- Use the plastic hammer caps provided with the Cape Cod Siding nails to protect the paint on the nail heads.
- Cape Cod Siding and trims **MUST** be installed on strapping to create an airspace (see sections 5, 6, 7, 8 & 9).
- Butt joints **MUST** be tight and made over solid wood strapping. For best results we recommend mitering at 22°.
- **DO NOT** lift siding boards to re-align. Boards may unlock if lifted. If required, adjustment or re-alignment can be achieved by cutting along the top of the siding and painting the field cut with Cape Cod touch-up paint.
- Use a jig block to obtain a 1/16 inch clearance between rabbeted/shiplap joints.
- To provide a proper nailing base at corners and openings, install additional framing lumber with the wide surface against the sheathing on the inside of the wall cavities. (see section 14).
- Always install Cape Cod Siding on kiln dried or thoroughly air dried lumber. If the strapping is not dry it will shrink and its nail holding ability will be compromised, resulting in unwanted movement of the siding/trim boards.
- Use Cape Cod colour matched nails.
- Always flash over the top of all wall openings such as window and door trims. Allow a 3/8 inch gap (capillary break) between the flashing and the siding.
- Wood siding **MUST** be nailed into a full 1 inch solid wood nailing base.

5**INSTALLING STRAPPING**

Always install strapping on maximum spacing of 16 inch centres and have a screened open ventilated bottom and blocking at the top to create a rain screen.

- Always install the strapping over house wrap and ensure that proper airflow and drainage is maintained.
- Use 10mm (3/8 inch) thick strapping when the strapping is installed directly over sheathing and studs.
- Use 25 mm (full 1 inch) thick strapping when the strapping is **NOT** installed directly over studs.
- Horizontal strapping requires ½ inch drainage slots every 48 inches.
- For **VERTICAL SIDING** (8 inches and wider), the strapping **MUST** be installed on 12 inch centres.
- Use strapping to fur out windows. The window strapping should be the same thickness as the strapping used to install the siding.



Full 1 inch pressure treated strapping is available from Cape Cod Siding through your local building supply dealer.

6**INSTALLING HORIZONTAL SIDING**

- If **HORIZONTAL SIDING** is installed over solid sheathing (plywood, OSB) and applied directly over studs, then a minimum strapping thickness of 10mm (3/8 inch) is permissible.
- If the strapping is **NOT** applied directly over studs, then 25mm (full 1 inch thick) strapping **MUST** be used.
- In order to provide a proper nailing base at the ends of the siding around windows, doors and corners, it may be necessary to install additional framing lumber with the wide surface against the sheathing on the inside of the wall cavities. (see section 14).
- Siding **MUST** be nailed into a full 1 inch solid wood nailing base.

Full 1 inch pressure treated strapping is available from Cape Cod Siding through your local building supply dealer.

7**INSTALLING VERTICAL SIDING**

- If **VERTICAL SIDING** is installed over solid sheathing (plywood, OSB), use full 1 inch thick kiln dried or thoroughly air dried horizontal strapping. **The use of 1 x 3 material is NOT ACCEPTABLE FOR VERTICAL SIDING AND WILL VOID THE WARRANTY.**
- Use double strapping to achieve a rain screen.
- To install double strapping, first install 10 mm (3/8 inch) vertical strapping over the studs and then install full 1 inch strapping horizontally on 16/12 inch centres. (see section 8)
- If double strapping is not used, install full 1 inch kiln dried or thoroughly air dried horizontal strapping with ½ inch drainage slots every 48 inches (between the studs) to allow for a drainage plane and to achieve a rain screen.
- For **VERTICAL SIDING** (8 inches and wider), the strapping **MUST** be installed on 12 inch centres.
- For **VERTICAL SIDING** (6 inches wide or less), apply strapping on 16 inch centres, with a ½ inch drainage slot every 48 inches.
- When installing **VERTICAL SIDING** on a diagonal, the strapping **MUST** be 12 inches on center and be a full 1 inch thick.

Full 1 inch pressure treated strapping is available from Cape Cod Siding through your local building supply dealer.

8

INSTALLING CAPE COD SIDING OVER RIGID INSULATION

Where rigid insulation is used as a sheathing or installed over plywood or OSB sheathing:

- A full 1 inch kiln dried or thoroughly air dried strapping **MUST** be used.
- Nail or screw the strapping through the insulating sheathing into the studs.
- Ensure that the fasteners are adequate in length to fully secure the strapping, as fasteners will be holding the entire weight of the siding and trims.
- For HORIZONTAL SIDING installation: full 1 inch strapping must be installed on 16" centers over the studs.
- For VERTICAL SIDING installation: it is recommended that the full 1 inch strapping be installed with 1/2 inch drainage slots every 48 inches to allow for drainage and to achieve a rain screen.
- For VERTICAL SIDING installation (8 inches and wider): full 1 inch strapping **MUST** be installed on 12 inch centres.
- For VERTICAL SIDING installation (6 inches wide or less): full 1 inch strapping **MUST** be installed on 16 inch centres.

Full 1 inch pressure treated strapping is available from Cape Cod Siding through your building supply dealer.

9

INSTALLING CAPE COD SIDING OVER INSULATED CONCRETE FORM (ICF) WALLS

For HORIZONTAL SIDING:

- Install full 1 inch kiln dried or thoroughly air dried strapping over the plastic or metal strips every 12 or 16 inches.
- Use screws (not nails) spaced no more than 12 inches vertically to install the strapping
- Where the plastic or metal strips are not available (example: around bay windows) install a double layer of 1/2 inch pressure treated plywood from the edge of the window to the first and second plastic or metal strips nearest the window. Screw the plywood to both the first and second strips.

For VERTICAL SIDING (8 inches and wider):

- Install full 1 inch kiln dried or thoroughly air dried strapping on 12 inch centres with a drainage slot every 48 inches.

For VERTICAL SIDING (6 inches wide or less):

- Install full 1 inch kiln dried or thoroughly air dried strapping on 16 inch centres with a drainage slot every 48 inches.

Full 1 inch pressure treated strapping is available from Cape Cod Siding through your local building supply dealer.

10

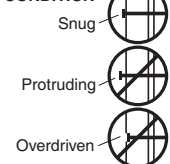
FASTENERS

- Cape Cod Siding supplies stainless steel ring shank nails specifically designed for the application of Cape Cod Finished Wood Sidings and Trim boards. Failure to use Cape Cod Siding nails voids the warranty.
- Ensure the nail used is the correct length to enable penetration into a solid wood nailing base of a minimum of 25mm (1 inch).
- Always use the plastic hammer caps supplied by Cape Cod Siding to protect the finish on the nail heads.
- Cape Cod Siding supplies both 304 and 316 stainless steel nails. Use 316 stainless steel nails for all installations in "Extreme Exposure Conditions". (See section 3)
- Pre-drill nail holes near the ends of the siding boards to prevent splitting.
- Siding **MUST** be nailed at 1 inch from each end and at intervals no longer than 16 inches. (See sections 5 to 9)

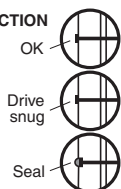
11

NAILING INSTRUCTIONS

CONDITION



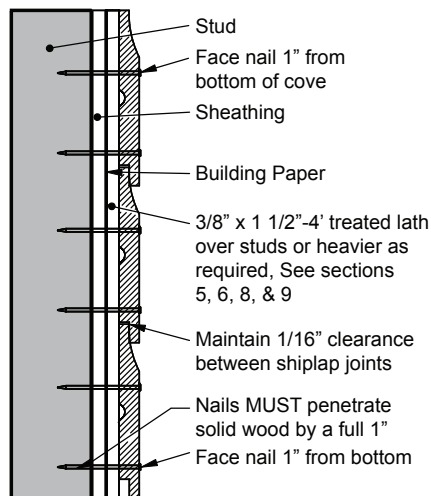
CORRECTION



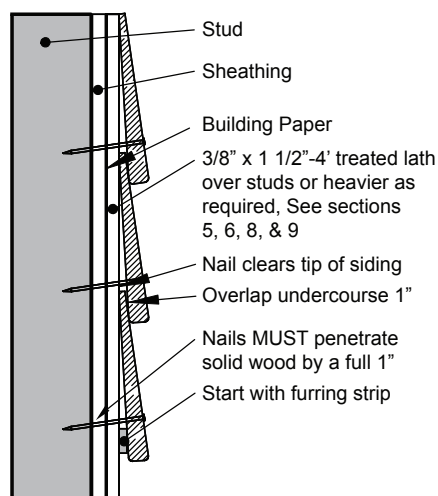
- Use Cape Cod Finished Wood Siding Nails.
- **NAIL AT 12 OR 16 INCH CENTERS.** (See sections 5 to 9)
- Drive nails so the head is just in contact with the siding surface.
- **IF NAILS ARE DRIVEN BELOW THE SURFACE, THEY MUST BE SEALED. FAILURE TO DO SO VOIDS THE WARRANTY.**
- **NAILS MUST PENETRATE INTO 1 inch of SOLID WOOD.**
- Siding and trim **MUST** be nailed within 1 inch of the end of the siding/trim boards.

12 NAILING HORIZONTAL SIDING - SIDE VIEW

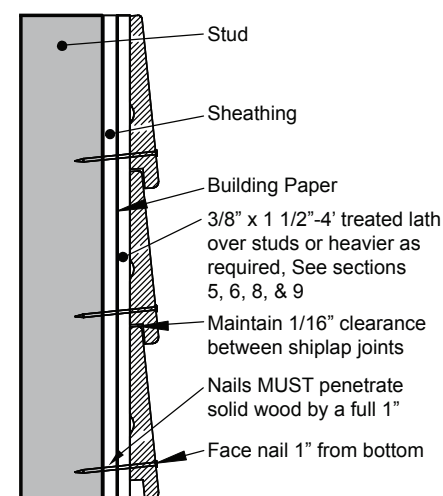
Cove, Euro Channel & Double Rhombus
(6 inch & 8 inch widths)



Clapboard
(6 inch & 8 inch widths)



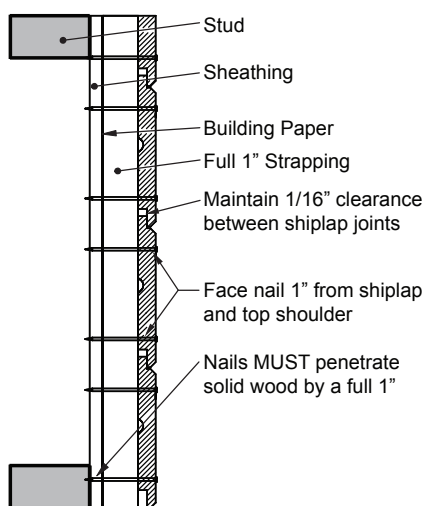
Rabetted Bevel
(4 inch, 6 inch & 8 inch widths)



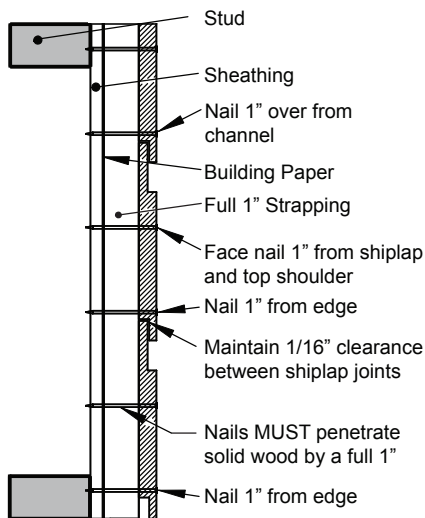
13 NAILING VERTICAL SIDING - TOP VIEW

The installer MUST use a minimum thickness of 1 inch kiln dried or thoroughly air dried strapping (see sections 5, 7, 8 & 9).

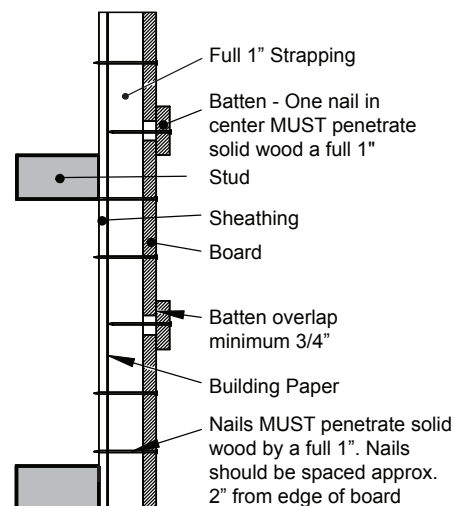
V-Joint
(6 inch & 8 inch widths)



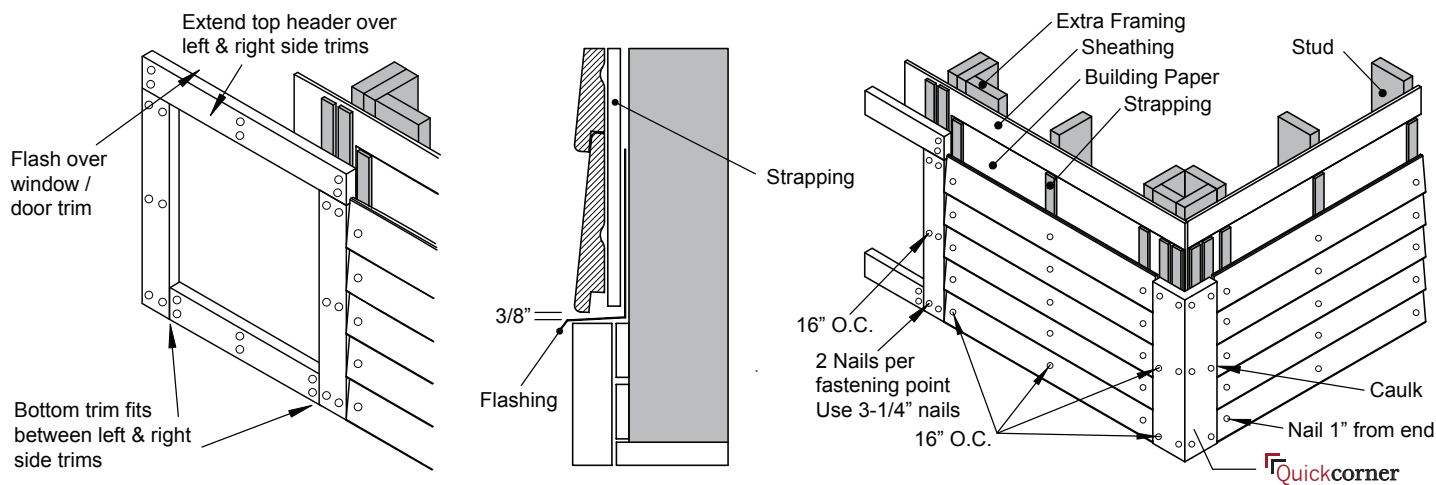
Channel, Euro Channel & Double Rhombus
(6 inch & 8 inch widths)



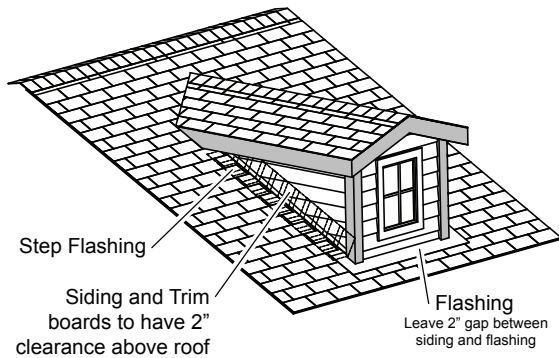
Board & Batten
(8 inch & 10 inch widths)



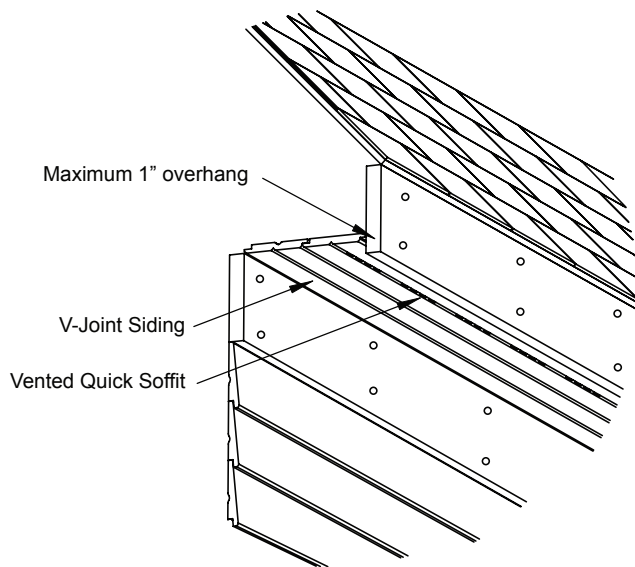
14 TYPICAL CORNER AND WINDOW TRIM DETAIL



15 TYPICAL DORMER DETAIL



16 TYPICAL FASCIA & FREISE DETAIL

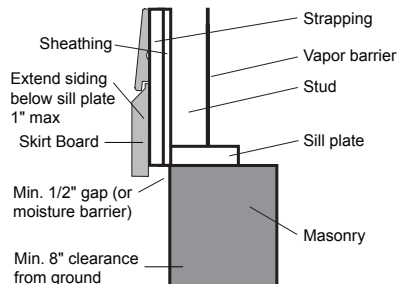


- Vented Quick Soffit is available from Cape Cod Siding through your local building supply dealer.

17 CLEARANCES

The siding and trim boards MUST:

- Allow a minimum of 8" above the grade.
- Allow a minimum of 2" above the roof.
- Allow 1" above decks and thresholds.
- Allow a 3/8" space between top of the flashing and siding.



18 CAULKING

- Cape Cod Siding recommends the use of exterior grade, high-performance acrylic or urethane caulks and sealants to seal gaps around windows, doors, corners, and other exterior joints that are exposed to potential water intrusion.
- Caulking is not a permanent solution and will require regular maintenance. If not regularly inspected and maintained, caulking may fail and trap water, creating severe moisture problems.
- **DO NOT CAULK AREAS THAT WILL PREVENT MOISTURE FROM ESCAPING THE WALL CAVITY** (e.g., under windows and around flashing). Avoid three-sided adhesion. The caulk should only adhere to the two surfaces that create the opening in the surface plane, not to any rigid substrate behind.
- For gaps wider than 1/4 inch, insert a backer rod into gaps where caulk seals are to be made, and then caulk over.
- Always follow the caulking manufacturer's recommendations.

19 PAINT ALL FIELD CUTS

Cape Cod Siding is a finished product that requires care in handling and installation.

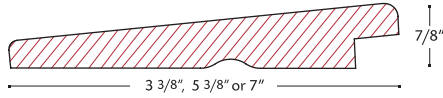
- Ensure the touch-up paint does not freeze, if it does, **DO NOT** use it.
- Mix the touch-up paint thoroughly before applying.
- Ensure the touch-up paint matches the siding colour exactly by applying some paint to a test area and allowing it to dry before proceeding.
- Seal all field cuts with touch-up paint.
- Scratches and other damage to the siding caused by the installation **MUST** be repaired by the installer with touch-up paint. The application of the touch-up paint should be done with care.
- **DO NOT** touch-up nail heads or minor imperfections by applying the touch-up paint to the siding face. This may cause the touched-up areas to appear shinier than the siding. To correct this variance, an entire board or wall section should be painted to ensure colour consistency.
- If nail heads require touch-up; apply paint to nail heads only, using Paint Daubers included. Avoid painting the surrounding siding.
- Do not apply touch up paint to the face of the siding if the temperature is below 10 degrees Celsius.

20 GENERAL

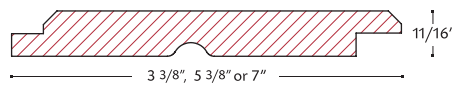
- Horizontal installation only for Rabbed Bevel, Clapboard, Euro Channel and Cove siding.
- Vertical installation only for Board & Batten, Channel, Euro Channel, Double Rhombus and V-Joint siding.

AVAILABLE SIDING PROFILES

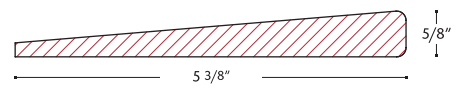
RABBETTED BEVEL



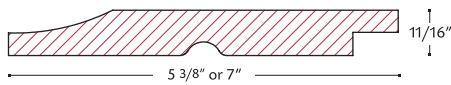
TRADITIONAL V-JOINT



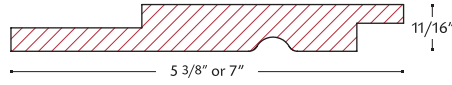
CLAPBOARD



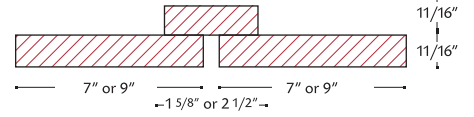
TRADITIONAL COVE



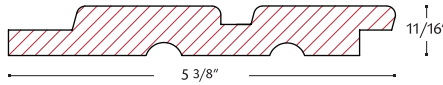
CHANNEL



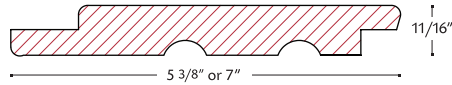
BOARD & BATTEN



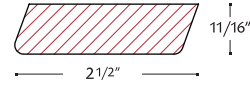
DOUBLE RHOMBUS



EURO CHANNEL

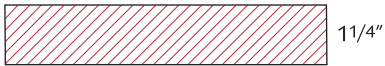


RHOMBUS



AVAILABLE TRIM PROFILES

TRIM DIMENSIONS (random lengths)



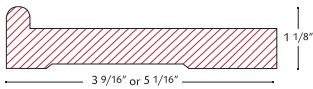
NOMINAL	ACTUAL
2 x 4	1 1/4" x 3 3/8"
2 x 5	1 1/4" x 4 1/4"
2 x 6	1 1/4" x 5 3/8"
2 x 8	1 1/4" x 7"
2 x 10	1 1/4" x 9"
2 x 12	1 1/4" x 11 1/4"



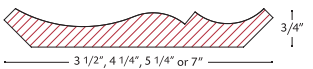
NOMINAL	ACTUAL
1 x 2	1 1/16" x 1 5/8"
1 x 3	1 1/16" x 2 1/2"
1 x 4	1 1/16" x 3 3/8"
1 x 5	1 1/16" x 4 3/4"
1 x 6	1 1/16" x 5 3/8"
1 x 8	1 1/16" x 7"
1 x 10	1 1/16" x 9"
1 x 12	1 1/16" x 11 1/4"

ARCHITECTURAL TRIM PROFILES

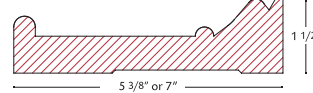
CASING



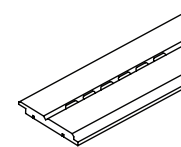
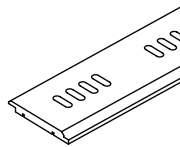
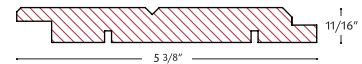
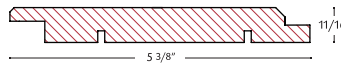
ARCH CROWN



HEADER



Quicksoffit



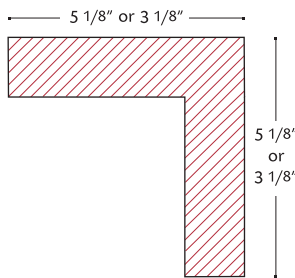
2.5 sq. inches airflow per lf.

Vented random length Soffit
Consult local building code to confirm proper ventilation rates required

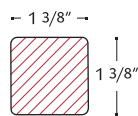
1.422 sq. inches airflow per lf.

TRIM PROFILES

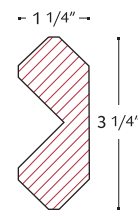
Quickcorner



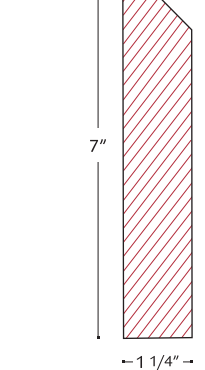
INSIDE CORNER



1 PIECE CORNER



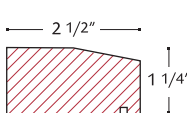
SKIRT BOARD



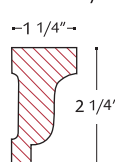
5 1/8" Quick corner available in 10 ft., 12 ft. and 16 ft. lengths
3 1/8" Quick corner only available in 10 ft. lengths

Inside corner and One piece corner are available in 10 ft. lengths

SILL TRIM



DRIP CAP/CROWN



Learn more by scanning the code