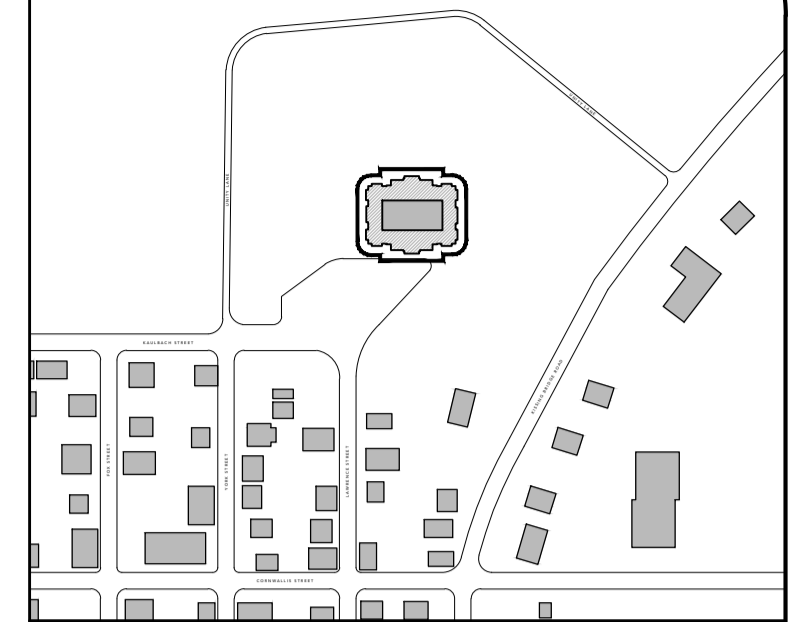


Key Plan:



Notes:

- CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS AND CONFIRM EXISTING CONDITIONS.
- NOTIFY CONSULTANT IMMEDIATELY OF ANY DEVIATIONS FROM ASSUMED EXISTING CONDITIONS AS THEY ARE ENCOUNTERED ON SITE.
- TEMPORARILY REMOVE AND SUPPORT ELECTRICAL BOXES AND CONDUITS RUNNING ALONG PARAPETS AND ON ROOF SURFACES. REINSTATE UPON COMPLETION AND RE-SECURE AS REQUIRED.
- DRAWINGS ARE NOT TO BE SCALED.
- THE PROJECT CONSTRUCTOR IS RESPONSIBLE FOR RETAINING/COORDINATING SUB-TRADES, AND SUPPLY AND INSTALLATION OF ALL EQUIPMENT AND MATERIALS AS REQUIRED TO COMPLETE THE WORK AS OUTLINED IN THE TENDER DOCUMENTS.

**LEGEND**

SYMBOL	DESCRIPTION
	CHIMNEY
	CRICKET
	EXTENT AND DIRECTION OF SLOPED INSULATION / CRICKET (2% MIN.)
	GOOSENECK EXHAUST
	PLUMBING VENT
	PITCH OF ROOF
	ROOF HATCH
	ROOF NUMBER AND ELEVATION



71 Avondale Road, Newport Landing, NS B0N 2A0  
T: 782-351-1285 | www.fsaeng.com

REV #	DATE	DESCRIPTION
4	2025-05-28	FOR TENDER
3	2025-05-22	FOR CLIENT REVIEW
2	2025-05-15	FOR 99% REVIEW
1	2025-03-21	FOR 66% REVIEW

Client: TOWN OF LUNENBURG

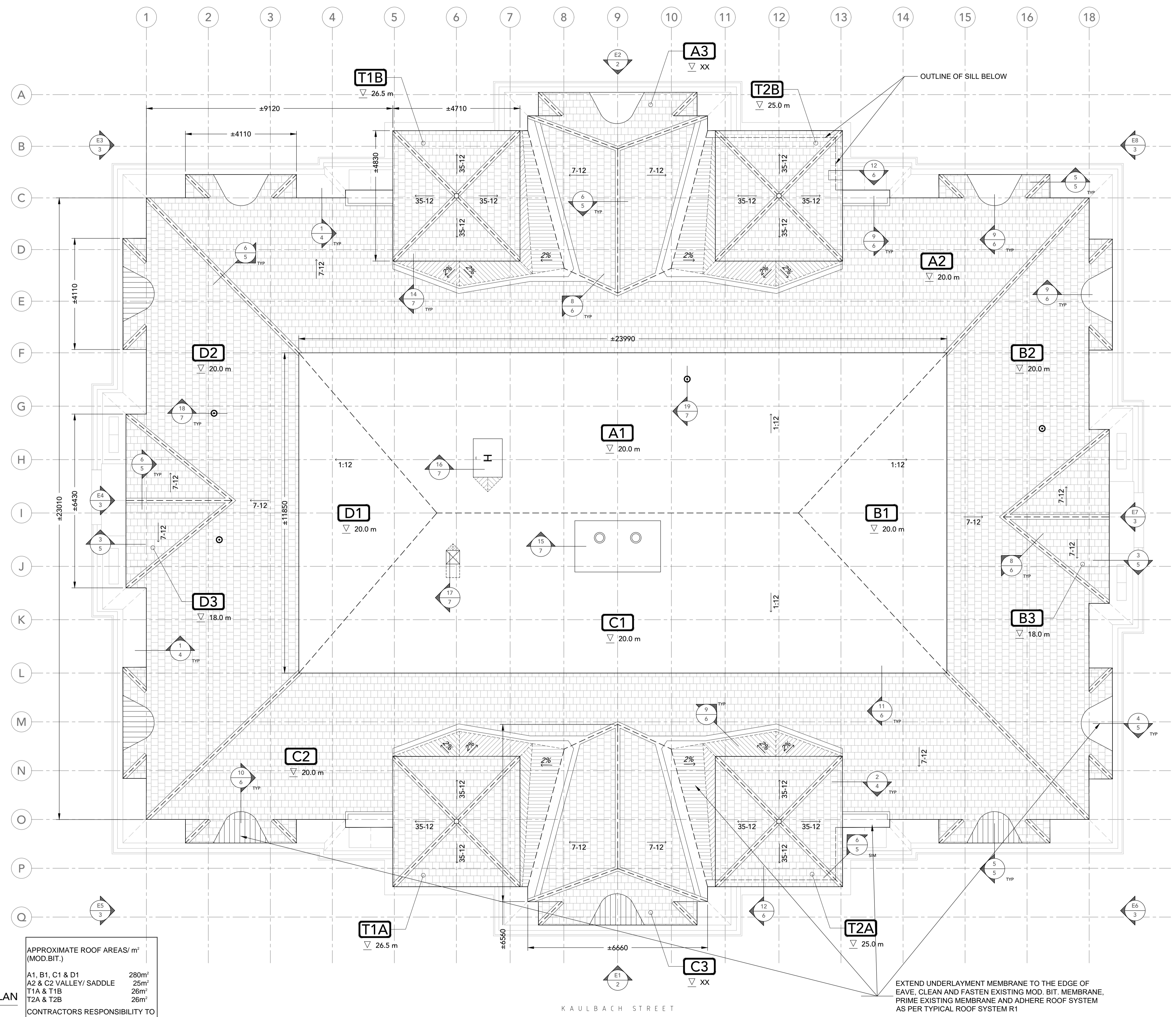
Project: LUNENBURG ACADEMY ROOF UPGRADES

Project #: FSA Project #: 24137DA

**ROOF PLAN**

Address of Project: 97 Kaulbach Street Lunenburg, Nova Scotia B0J 2C0	Scale: N.T.S. Drw.: VT Dgn.: RB Chk.: RB	Page Number: <b>1</b>
--	---	--------------------------

Date: 2025-01-30 | 24137DA-1.dwg



APPROXIMATE ROOF AREAS/ m<sup>2</sup> (MOD.BIT.)

A1, B1, C1 & D1	280m <sup>2</sup>
A2 & C2 VALLEY/ SADDLE	25m <sup>2</sup>
T1A & T1B	26m <sup>2</sup>
T2A & T2B	26m <sup>2</sup>

CONTRACTORS RESPONSIBILITY TO VERIFY ALL MEASUREMENTS

ROOF PLAN  
N.T.S.

EXTEND UNDERLAYMENT MEMBRANE TO THE EDGE OF EAVE. CLEAN AND FASTEN EXISTING MOD. BIT. MEMBRANE, PRIME EXISTING MEMBRANE AND ADHERE ROOF SYSTEM AS PER TYPICAL ROOF SYSTEM R1

Key Plan:



APPROXIMATE ROOF AREAS/ m<sup>2</sup>  
(WOOD SHINGLE) EAST ELEVATION

RA A2 (SLOPE)	178m <sup>2</sup>
RA A3 (HIP)	15m <sup>2</sup>
T1B & T2B (TOWERS)	110m <sup>2</sup>
RIDGE CAP (TOTAL)	42m
MANSARD	36m <sup>2</sup>

CONTRACTORS RESPONSIBILITY TO VERIFY ALL MEASUREMENTS

E1 EAST ELEVATION  
2 N.T.S.



APPROXIMATE ROOF AREAS/ m<sup>2</sup>  
(WOOD SHINGLE) WEST ELEVATION

RA C2 (SLOPE)	178m <sup>2</sup>
RA C3 (HIP)	15m <sup>2</sup>
T1B & T2B (TOWERS)	110m <sup>2</sup>
RIDGE CAP (TOTAL)	42m
MANSARD	36m <sup>2</sup>

CONTRACTORS RESPONSIBILITY TO VERIFY ALL MEASUREMENTS

E2 WEST ELEVATION  
2 N.T.S.

Notes:

1. CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS AND CONFIRM EXISTING CONDITIONS.
2. NOTIFY CONSULTANT IMMEDIATELY OF ANY DEVIATIONS FROM ASSUMED EXISTING CONDITIONS AS THEY ARE ENCOUNTERED ON SITE.
3. TEMPORARILY REMOVE AND SUPPORT ELECTRICAL BOXES AND CONDUITS RUNNING ALONG PARAPETS AND ON ROOF SURFACES. REINSTATE UPON COMPLETION AND RE-SECURE AS REQUIRED.
4. DRAWINGS ARE NOT TO BE SCALED.
5. THE PROJECT CONSTRUCTOR IS RESPONSIBLE FOR RETAINING/COORDINATING SUB-TRADES, AND SUPPLY AND INSTALLATION OF ALL EQUIPMENT AND MATERIALS AS REQUIRED TO COMPLETE THE WORK AS OUTLINED IN THE TENDER DOCUMENTS.



71 Avondale Road, Newport Landing, NS B0N 2A0  
T: 782-351-1285 | www.fsaeng.com

3	2025-05-22	FOR CLIENT REVIEW
2	2025-05-15	FOR 99% REVIEW
1	2025-03-21	FOR 66% REVIEW
REV #	DATE	DESCRIPTION

Client: TOWN OF LUNENBURG

Project: LUNENBURG ACADEMY ROOF UPGRADES

Project #: FSA Project #: 24137DA

Title: ELEVATIONS

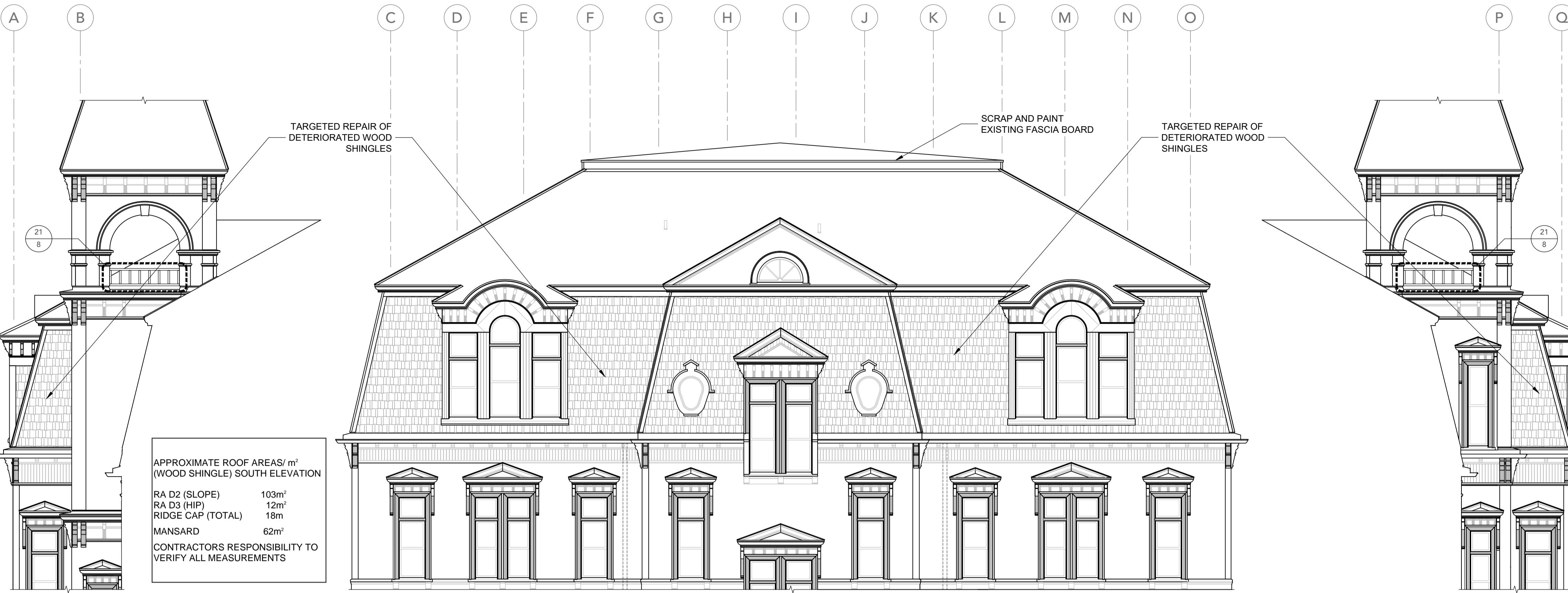
Address of Project: 97 Kaulbach Street Lunenburg, Nova Scotia B0J 2C0	Scale: N.T.S. Drw.: VT Dgn.: RB Chk.: RB	Page Number: <b>2</b>
--	---	--------------------------

Date: 2025-01-30 | 24137DA-1.dwg

Key Plan:

Notes:

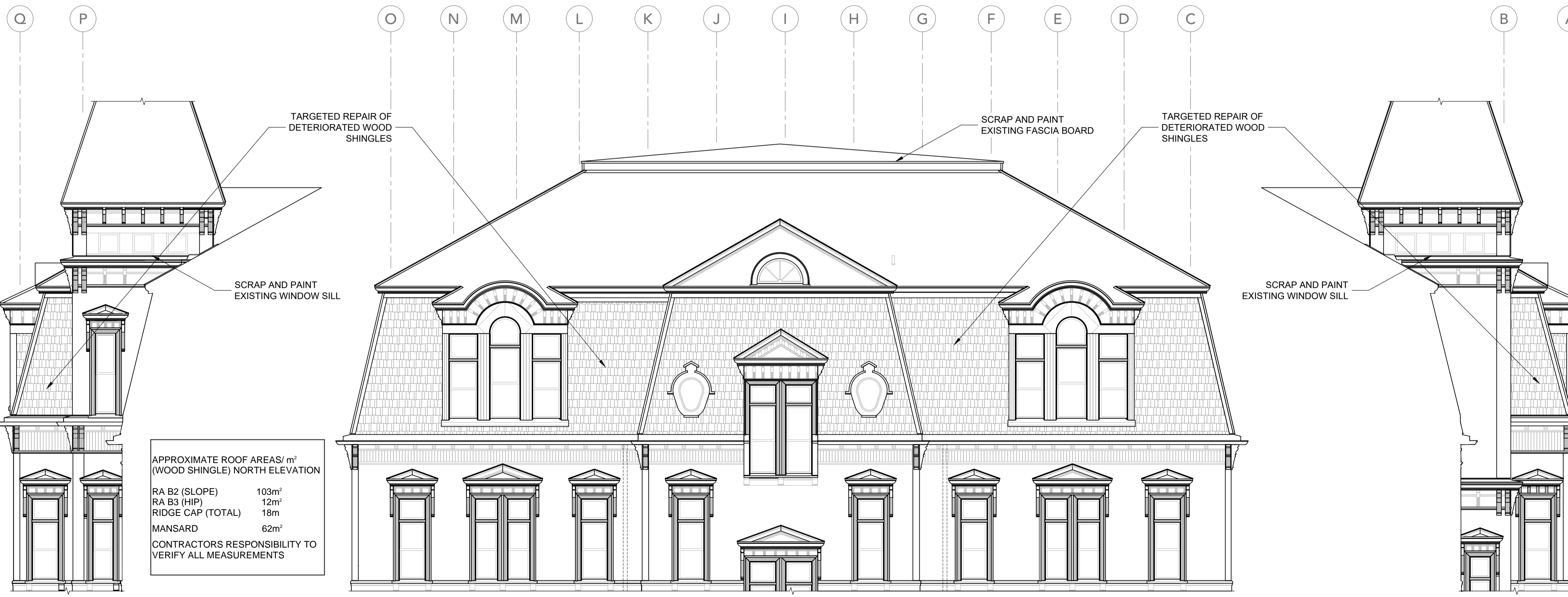
1. CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS AND CONFIRM EXISTING CONDITIONS.
2. NOTIFY CONSULTANT IMMEDIATELY OF ANY DEVIATIONS FROM ASSUMED EXISTING CONDITIONS AS THEY ARE ENCOUNTERED ON SITE.
3. TEMPORARILY REMOVE AND SUPPORT ELECTRICAL BOXES AND CONDUITS RUNNING ALONG PARAPETS AND ON ROOF SURFACES. REINSTATE UPON COMPLETION AND RE-SECURE AS REQUIRED.
4. DRAWINGS ARE NOT TO BE SCALED.
5. THE PROJECT CONSTRUCTOR IS RESPONSIBLE FOR RETAINING/COORDINATING SUB-TRADES, AND SUPPLY AND INSTALLATION OF ALL EQUIPMENT AND MATERIALS AS REQUIRED TO COMPLETE THE WORK AS OUTLINED IN THE TENDER DOCUMENTS.



**E3** SOUTH ELEVATION  
3 N.T.S. TOWER 1B

**E4** SOUTH ELEVATION  
3 N.T.S.

**E5** SOUTH ELEVATION  
3 N.T.S. TOWER 1A



**E6** NORTH ELEVATION  
3 N.T.S. TOWER 2A

**E7** NORTH ELEVATION  
3 N.T.S.

**E8** NORTH ELEVATION  
3 N.T.S. TOWER 2B



71 Avondale Road, Newport Landing, NS B0N 2A0  
T: 782-351-1285 | www.fsaeng.com

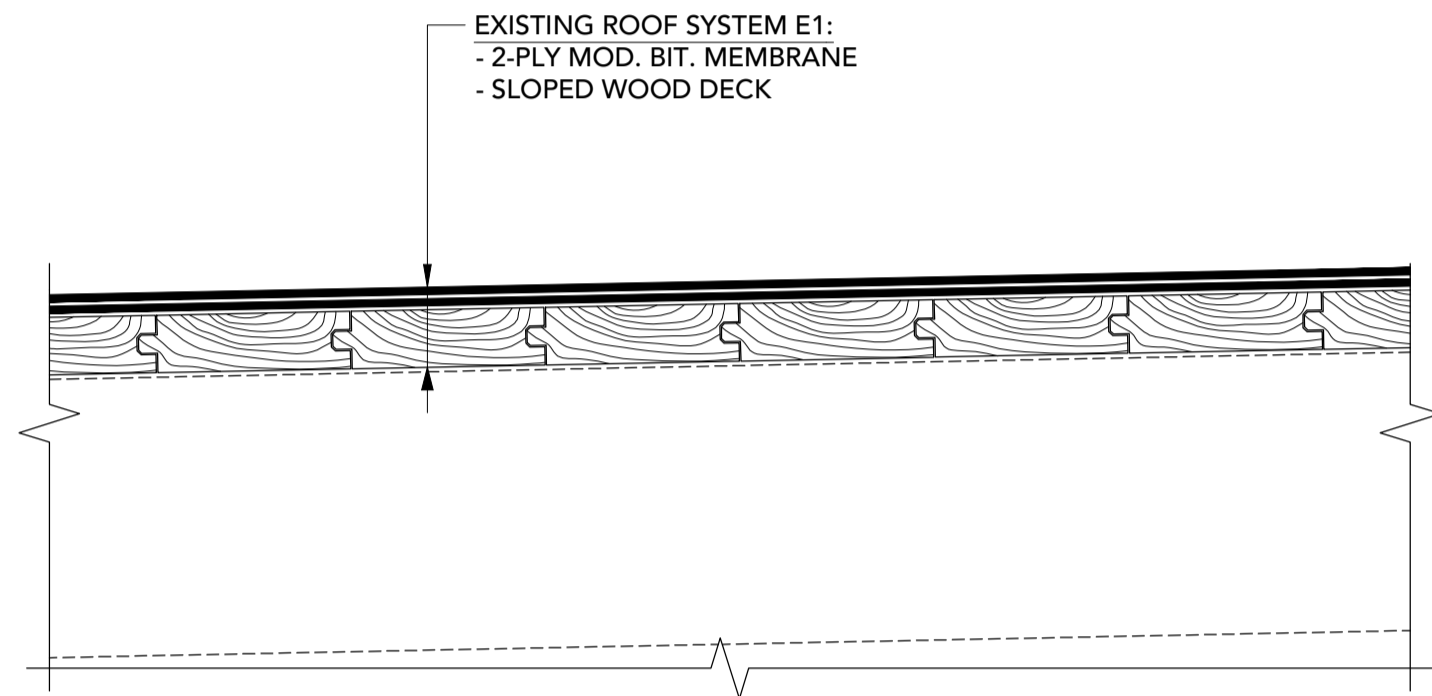
REV #	DATE	DESCRIPTION
3	2025-05-22	FOR CLIENT REVIEW
2	2025-05-15	FOR 99% REVIEW
1	2025-03-21	FOR 66% REVIEW

Client: TOWN OF LUNENBURG  
Project: LUNENBURG ACADEMY ROOF UPGRADES  
Project #: FSA Project #: 24137DA

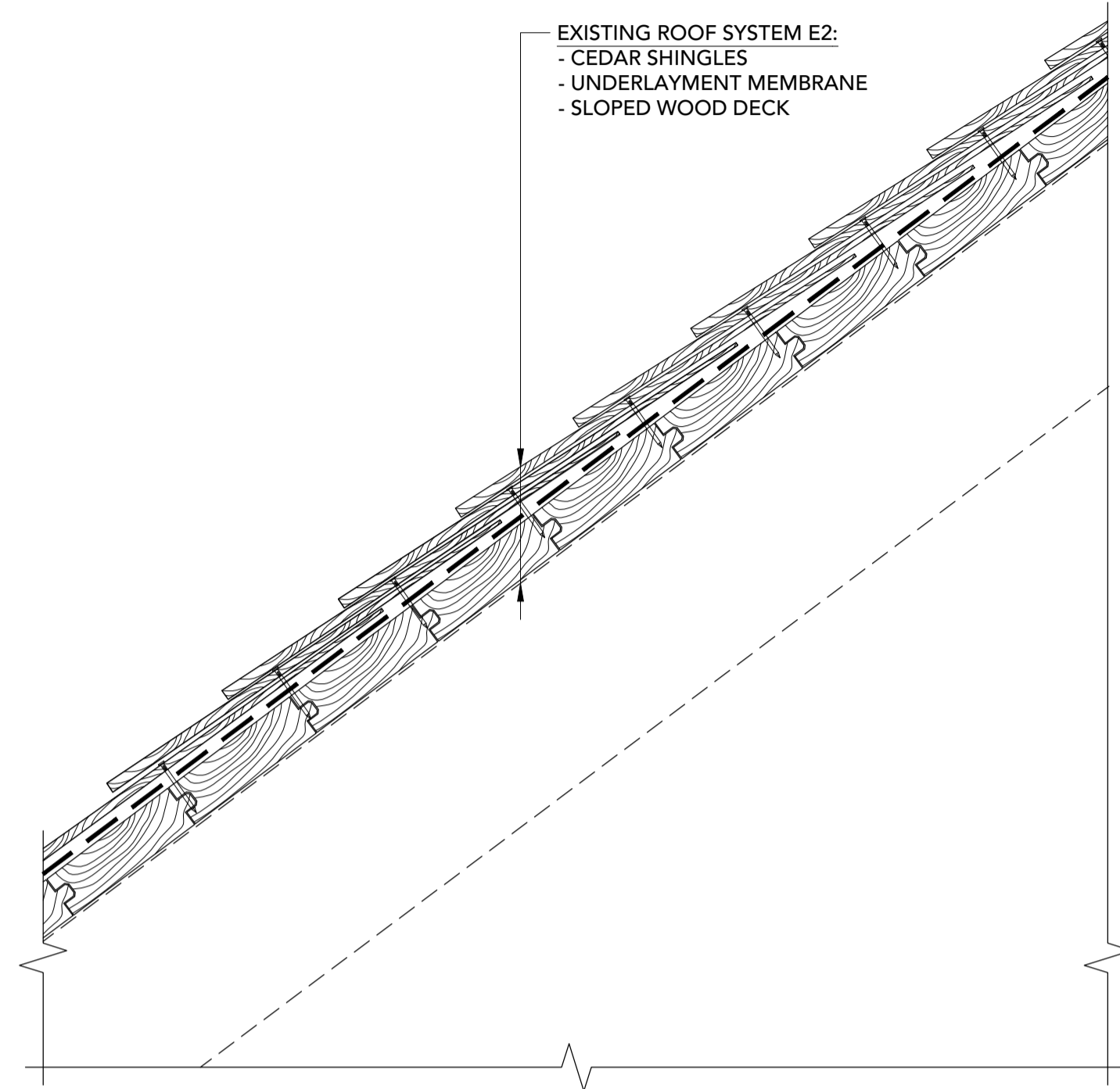
**ELEVATIONS**

Address of Project: 97 Kaulbach Street Lunenburg, Nova Scotia B0J 2C0	Scale: N.T.S. Drw.: VT Dgn.: RB Chk.: RB	Page Number: <b>3</b>
--	---	--------------------------

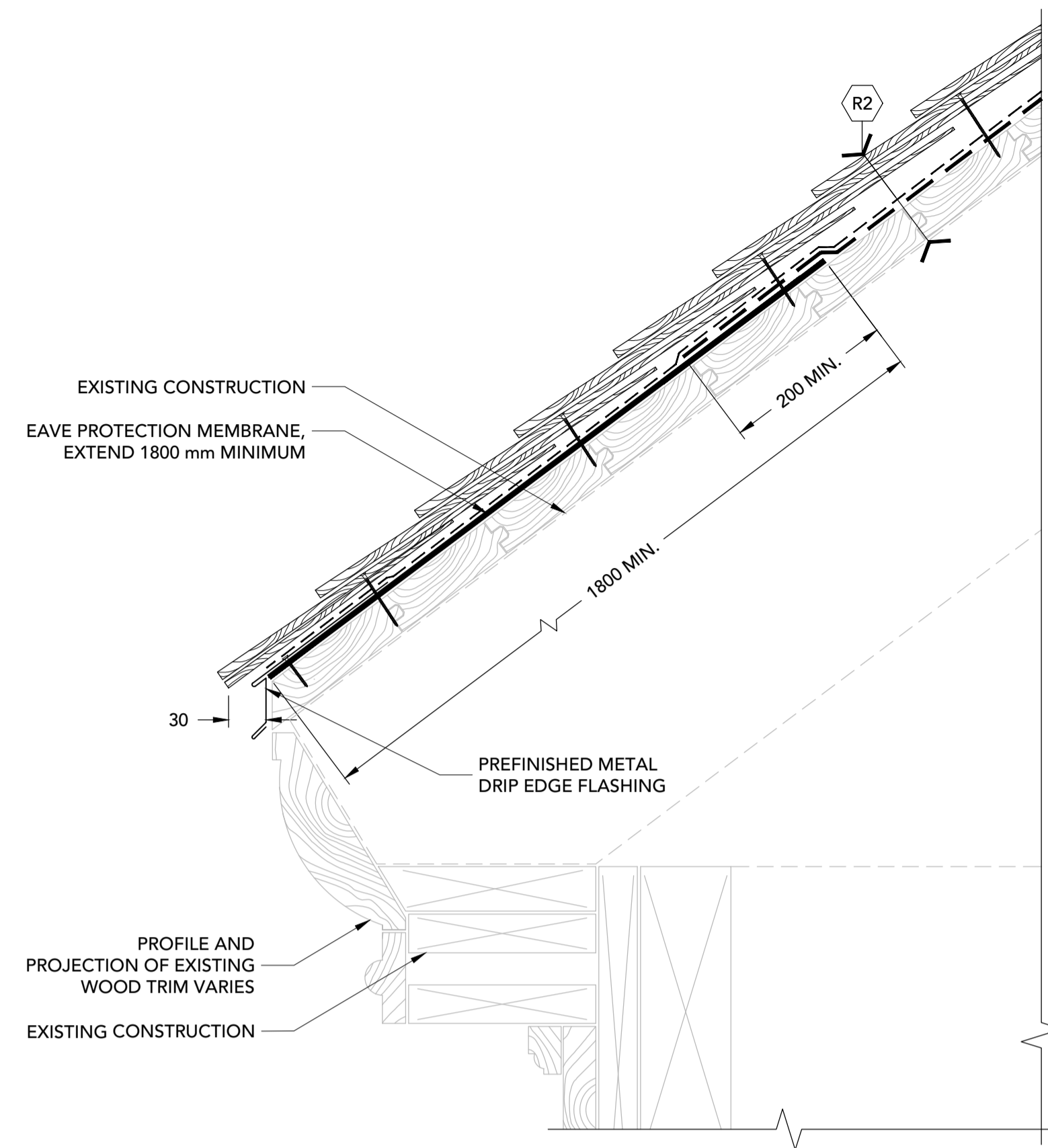
Date: 2025-01-30 | 24137DA-1.dwg



**E1** EXISTING ROOF SYSTEM E1  
 2 1:5 ROOF AREA: A1, B1, C1, D1

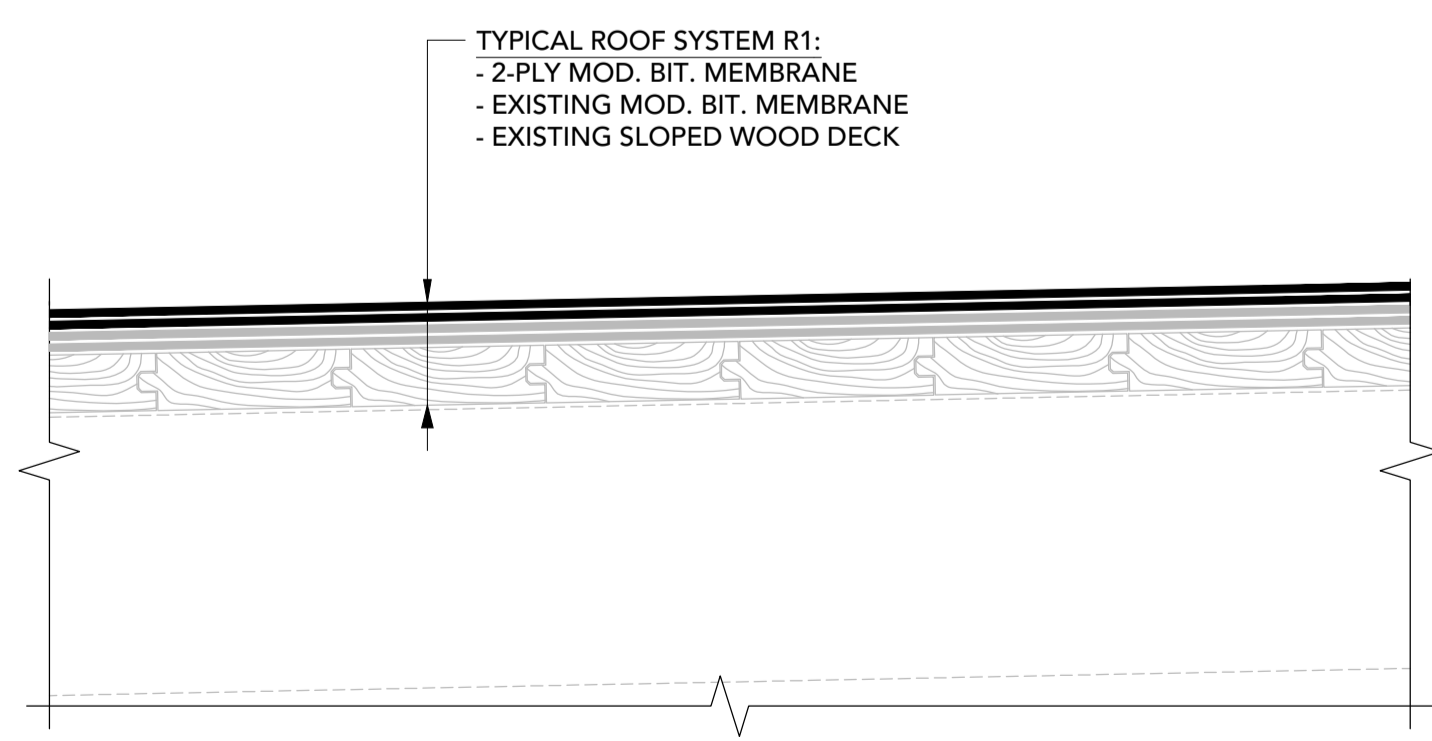


**E2** EXISTING ROOF SYSTEM E2  
 2 1:5 ROOF AREA: A2, A3, B2, B3, C2, C3, D2, D3, T1A, T1B, T2A, T2B



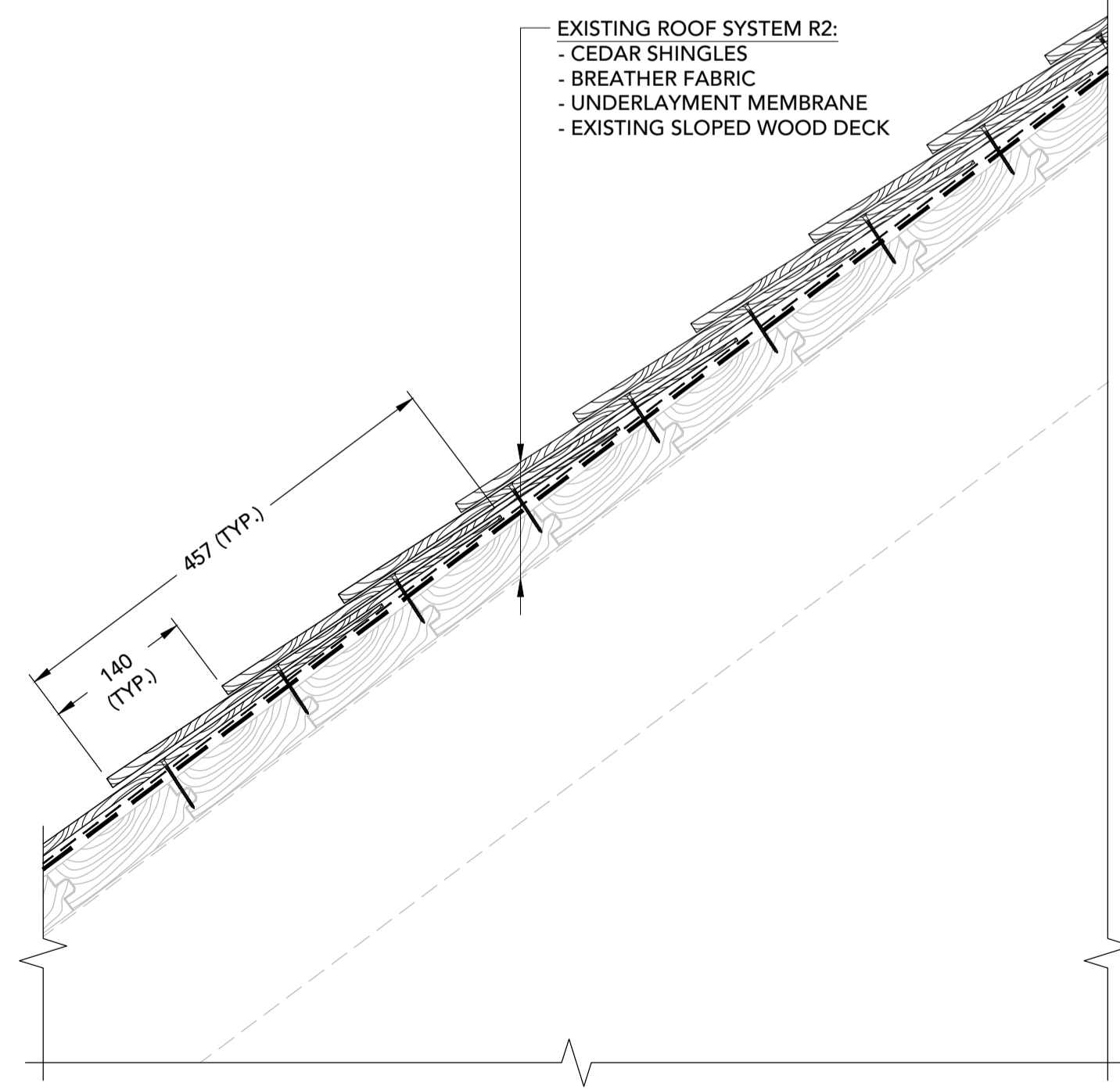
**1** TYPICAL EAVE  
 4 1:5 CONDITION-1

NOTES:  
 MECHANICALLY FASTEN EXISTING MOD. BIT MEMBRANE TO EXISTING WOOD DECK.  
 TYPICAL ROOF SYSTEM R1 IS TO BE APPLIED WITHIN INTERIOR SPACES OF T1A AND T1B, NOT SHOWN ON PLAN FOR CLARITY.

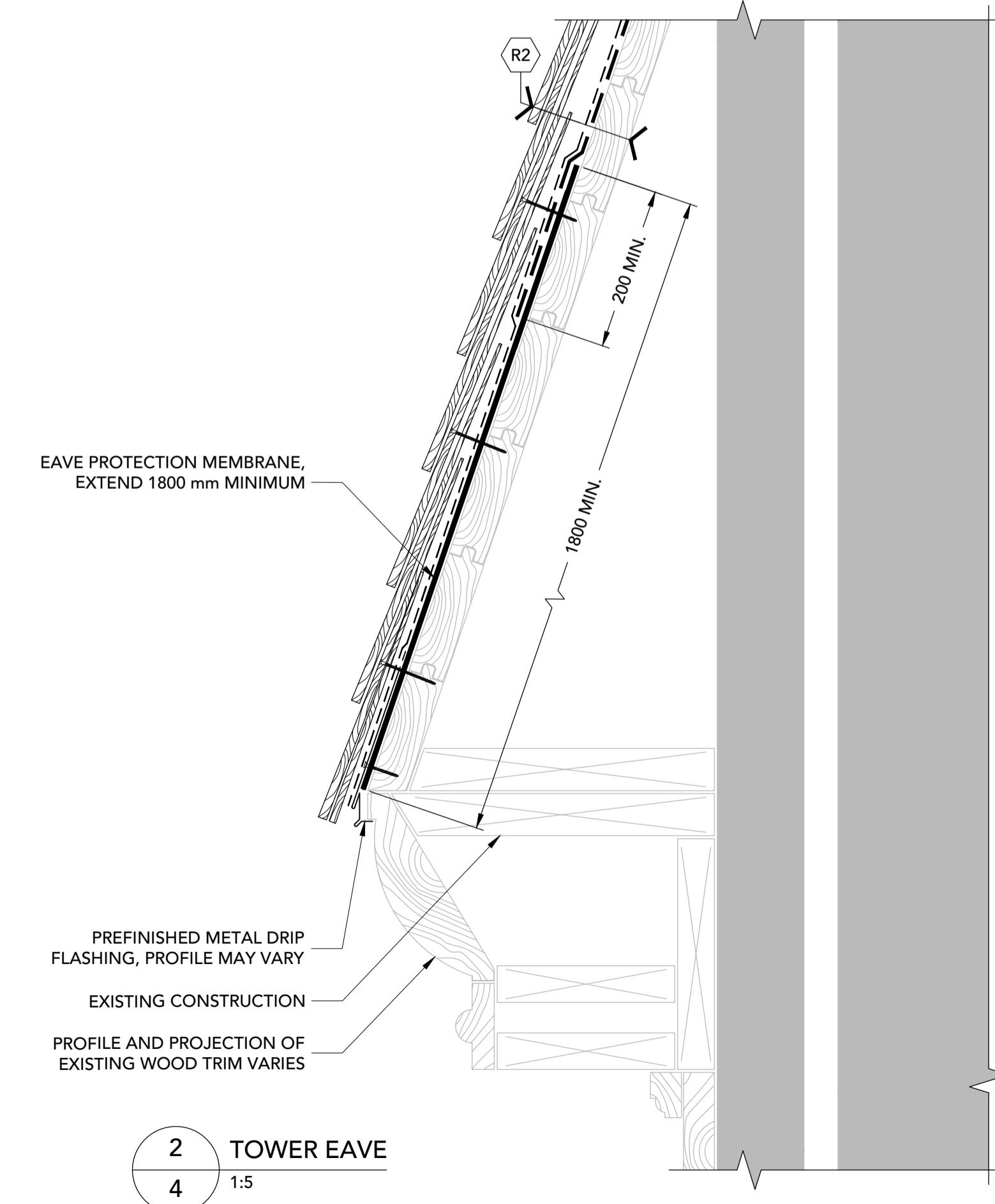


**R1** TYPICAL ROOF SYSTEM R1  
 2 1:5 ROOF AREA: A1, B1, C1, D1

NOTES:  
 OFFSET JOINTS TO 40 mm MINIMUM.



**R2** EXISTING ROOF SYSTEM R2  
 2 1:5 ROOF AREA: A2, A3, B2, B3, C2, C3, D2, D3, T1A, T1B, T2A, T2B



**2** TOWER EAVE  
 4 1:5

Key Plan:

Notes:

- CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS AND CONFIRM EXISTING CONDITIONS.
- NOTIFY CONSULTANT IMMEDIATELY OF ANY DEVIATIONS FROM ASSUMED EXISTING CONDITIONS AS THEY ARE ENCOUNTERED ON SITE.
- TEMPORARILY REMOVE AND SUPPORT ELECTRICAL BOXES AND CONDUITS RUNNING ALONG PARAPETS AND ON ROOF SURFACES. REINSTATE UPON COMPLETION AND RE-SECURE AS REQUIRED.
- DRAWINGS ARE NOT TO BE SCALED.
- THE PROJECT CONSTRUCTOR IS RESPONSIBLE FOR RETAINING/COORDINATING SUB-TRADES, AND SUPPLY AND INSTALLATION OF ALL EQUIPMENT AND MATERIALS AS REQUIRED TO COMPLETE THE WORK AS OUTLINED IN THE TENDER DOCUMENTS.



71 Avondale Road, Newport Landing, NS B0N 2A0  
 T: 782-351-1285 | www.fsaeng.com

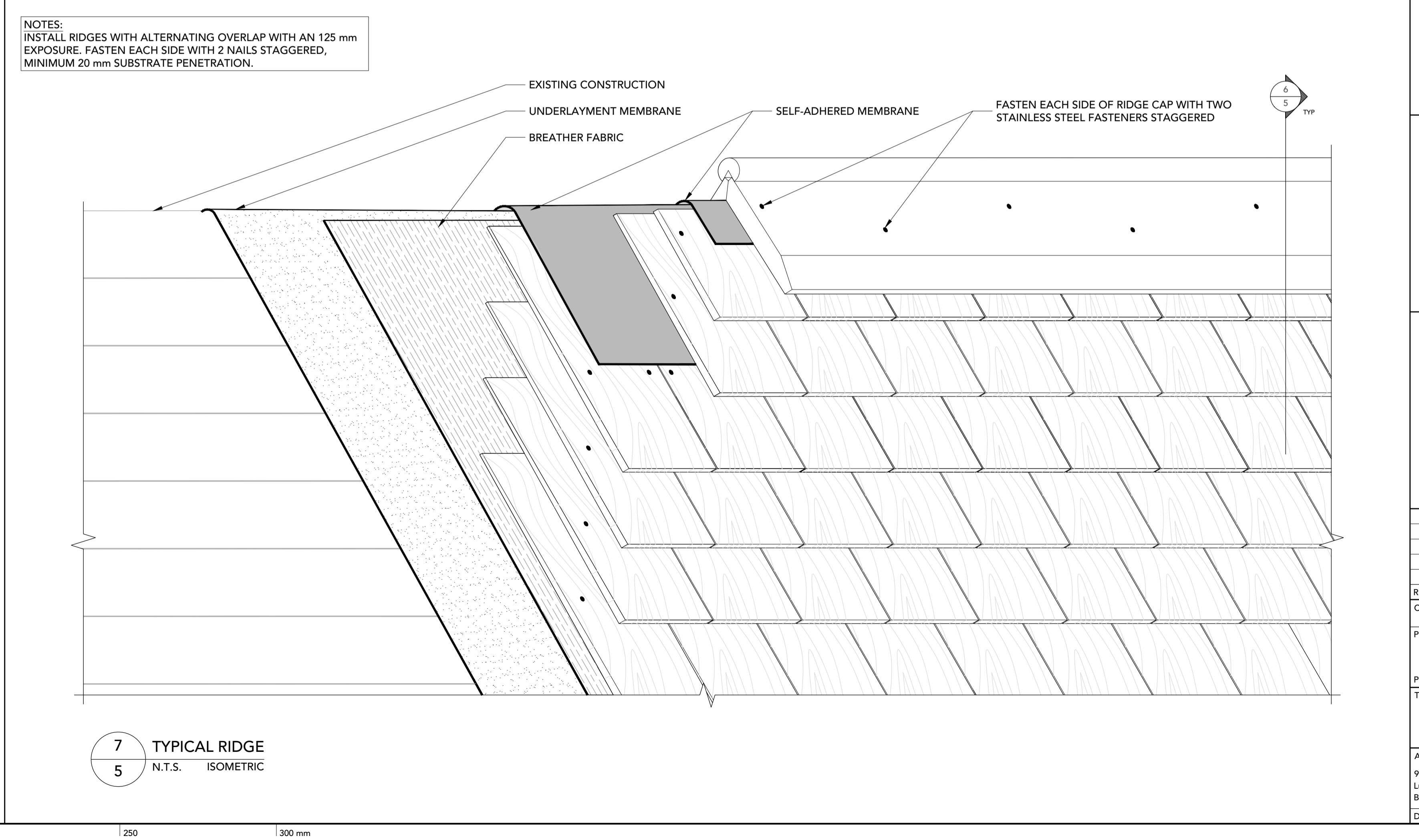
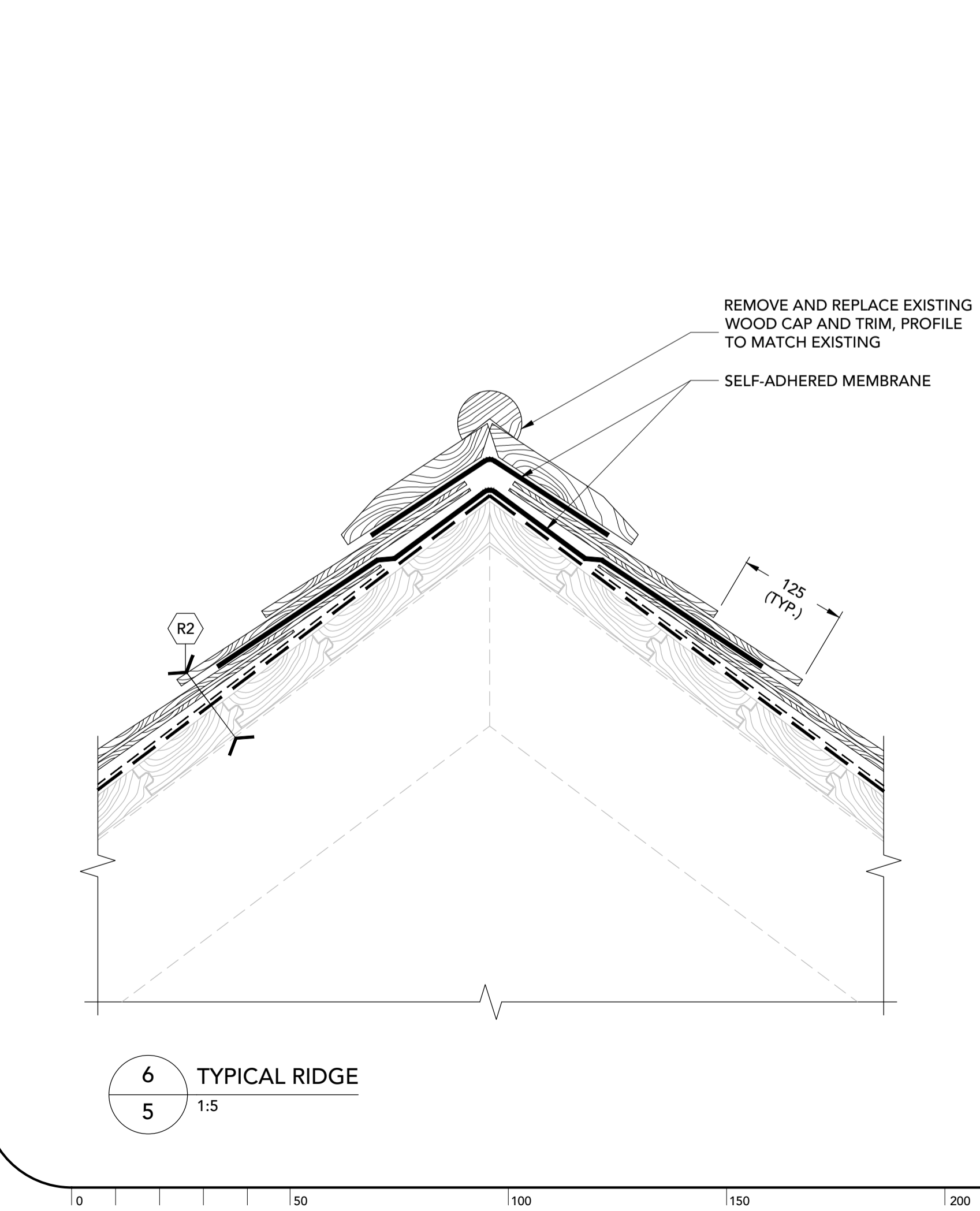
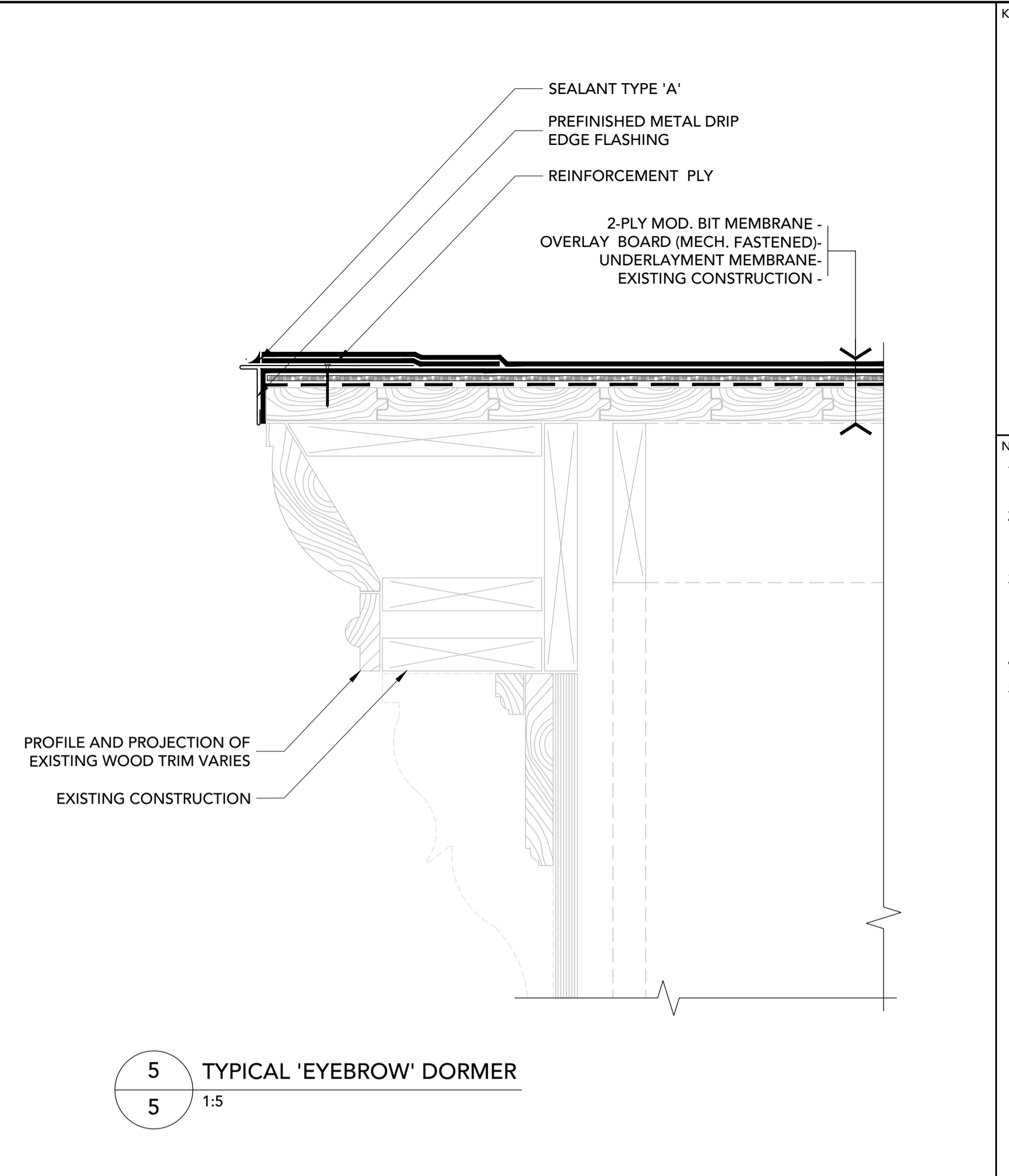
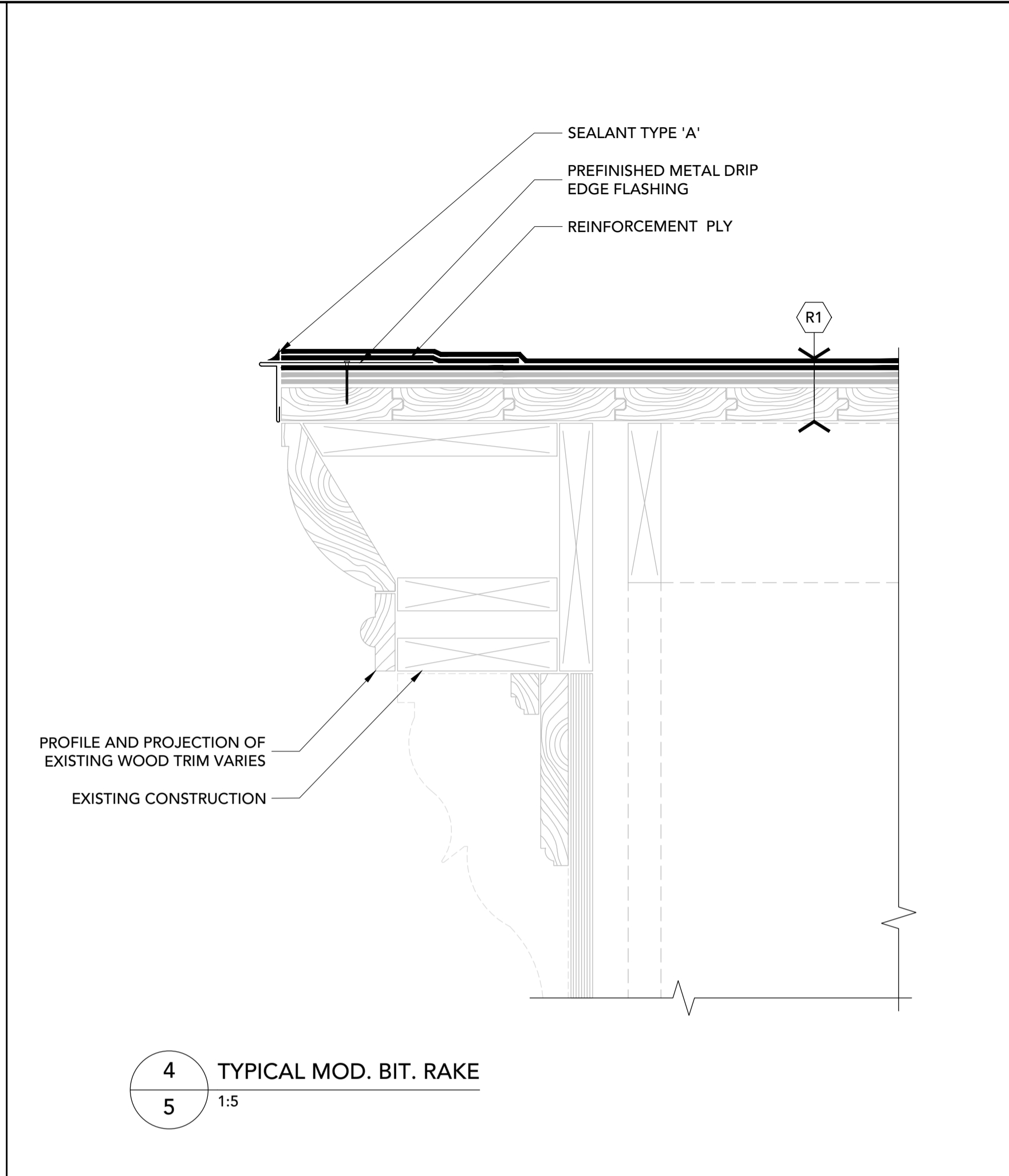
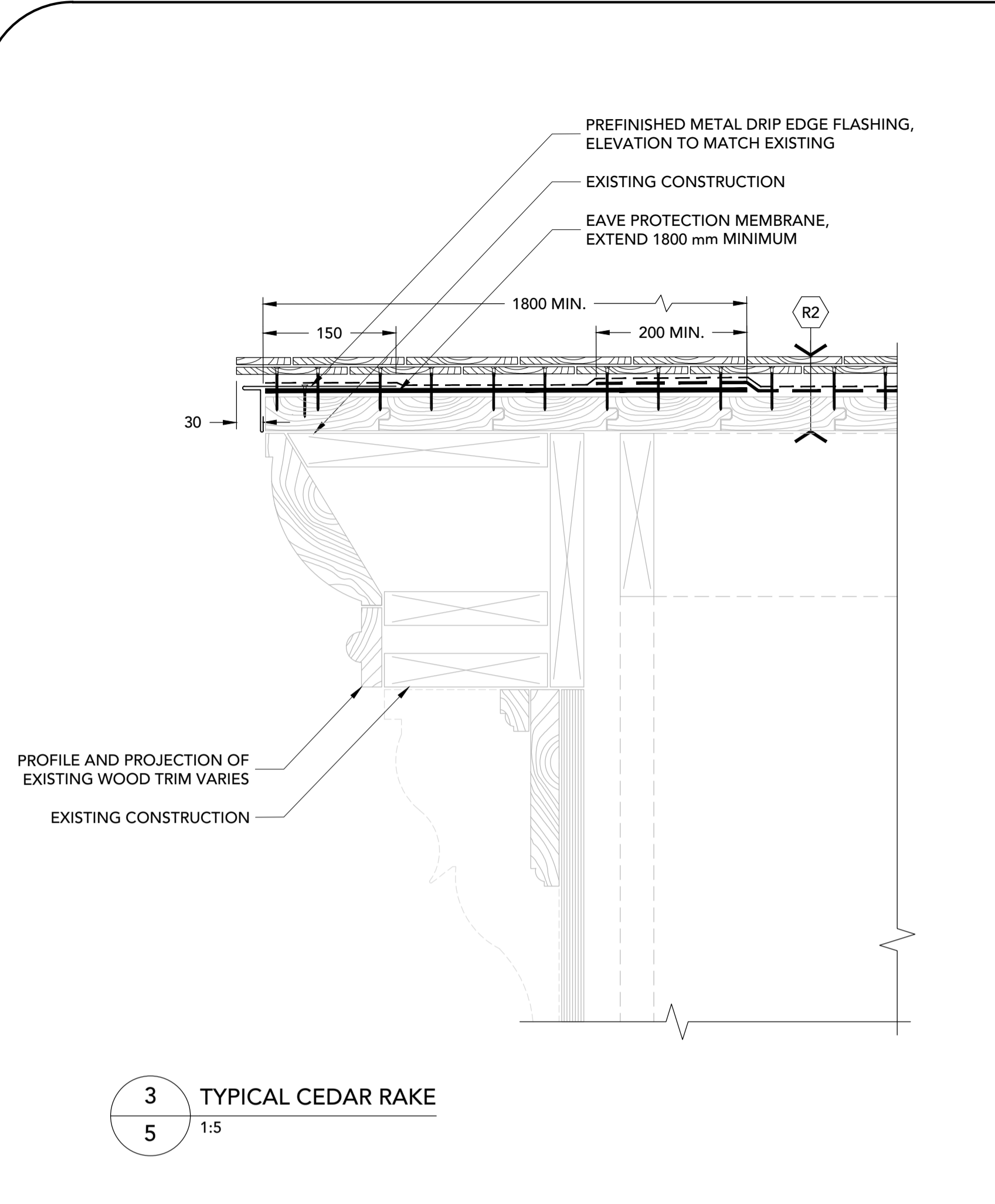
REV #	DATE	DESCRIPTION
3	2025-05-22	FOR CLIENT REVIEW
2	2025-05-15	FOR 99% REVIEW
1	2025-03-21	FOR 66% REVIEW

Client: TOWN OF LUNENBURG  
 Project: LUNENBURG ACADEMY ROOF UPGRADES  
 Project #: FSA Project #: 24137DA

**DETAILS**

Address of Project: 97 Kaulbach Street Lunenburg, Nova Scotia B0J 2C0	Scale: 1:5 Dwn.: VT Dgn.: RB Chk.: RB	Page Number: <b>4</b>
--	--	--------------------------

Date: 2025-01-30 | 24137DA-1.dwg



NOTES:  
 INSTALL RIDGES WITH ALTERNATING OVERLAP WITH AN 125 mm EXPOSURE. FASTEN EACH SIDE WITH 2 NAILS STAGGERED, MINIMUM 20 mm SUBSTRATE PENETRATION.

- Key Plan:
- Notes:
- CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS AND CONFIRM EXISTING CONDITIONS.
  - NOTIFY CONSULTANT IMMEDIATELY OF ANY DEVIATIONS FROM ASSUMED EXISTING CONDITIONS AS THEY ARE ENCOUNTERED ON SITE.
  - TEMPORARILY REMOVE AND SUPPORT ELECTRICAL BOXES AND CONDUITS RUNNING ALONG PARAPETS AND ON ROOF SURFACES. REINSTATE UPON COMPLETION AND RE-SECURE AS REQUIRED.
  - DRAWINGS ARE NOT TO BE SCALED.
  - THE PROJECT CONSTRUCTOR IS RESPONSIBLE FOR RETAINING/COORDINATING SUB-TRADES, AND SUPPLY AND INSTALLATION OF ALL EQUIPMENT AND MATERIALS AS REQUIRED TO COMPLETE THE WORK AS OUTLINED IN THE TENDER DOCUMENTS.



71 Avondale Road, Newport Landing, NS B0N 2A0  
 T: 782-351-1285 | www.fsaeng.com

REV #	DATE	DESCRIPTION
3	2025-05-22	FOR CLIENT REVIEW
2	2025-05-15	FOR 99% REVIEW
1	2025-03-21	FOR 66% REVIEW

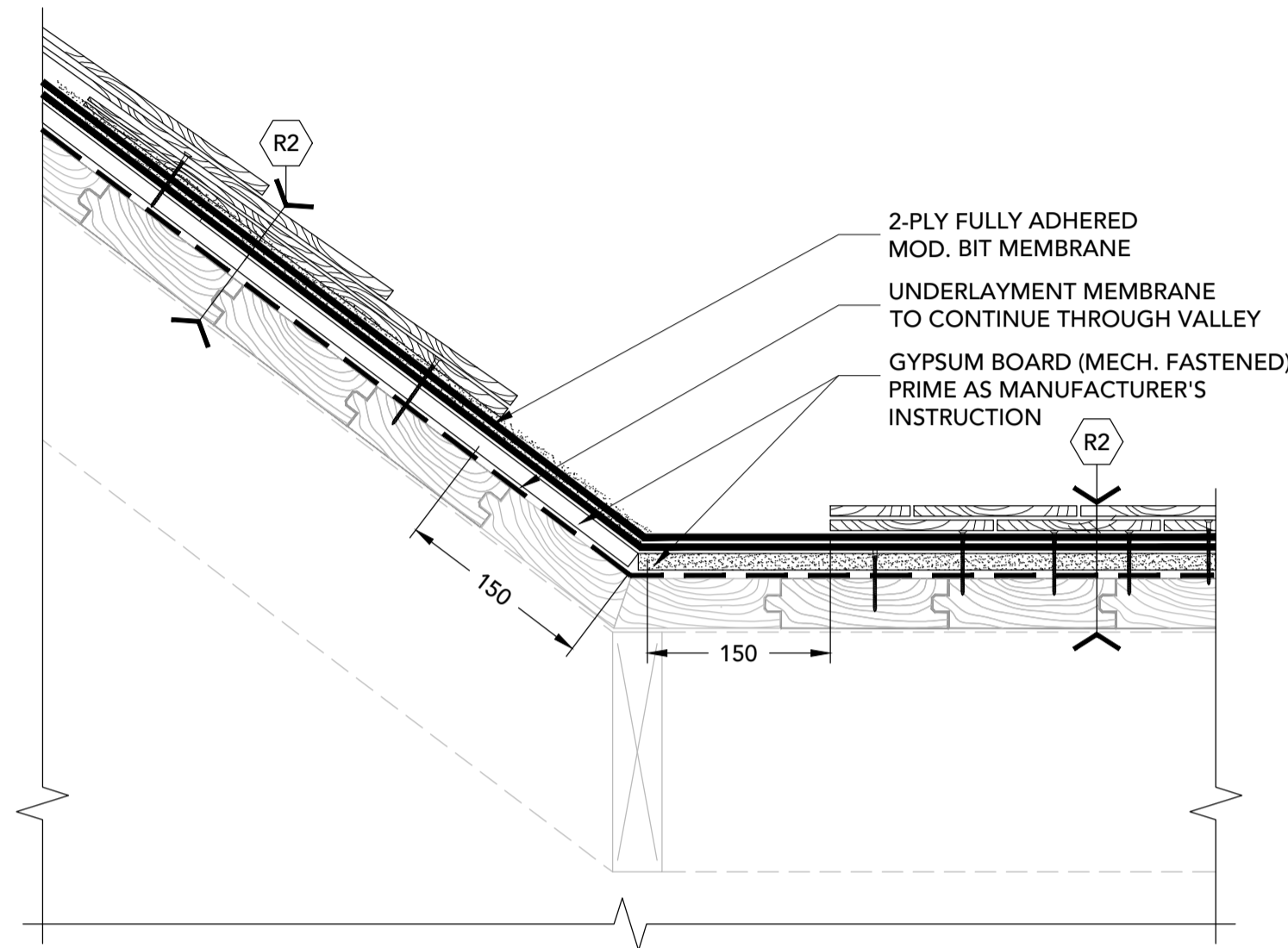
Client: TOWN OF LUNENBURG  
 Project: LUNENBURG ACADEMY ROOF UPGRADES  
 Project #: FSA Project #: 24137DA

**DETAILS**

Address of Project: 97 Kaulbach Street Lunenburg, Nova Scotia B0J 2C0	Scale: 1:5 Drw.: VT Dgn.: RB Chk.: RB	Page Number: <b>5</b>
--	--	--------------------------

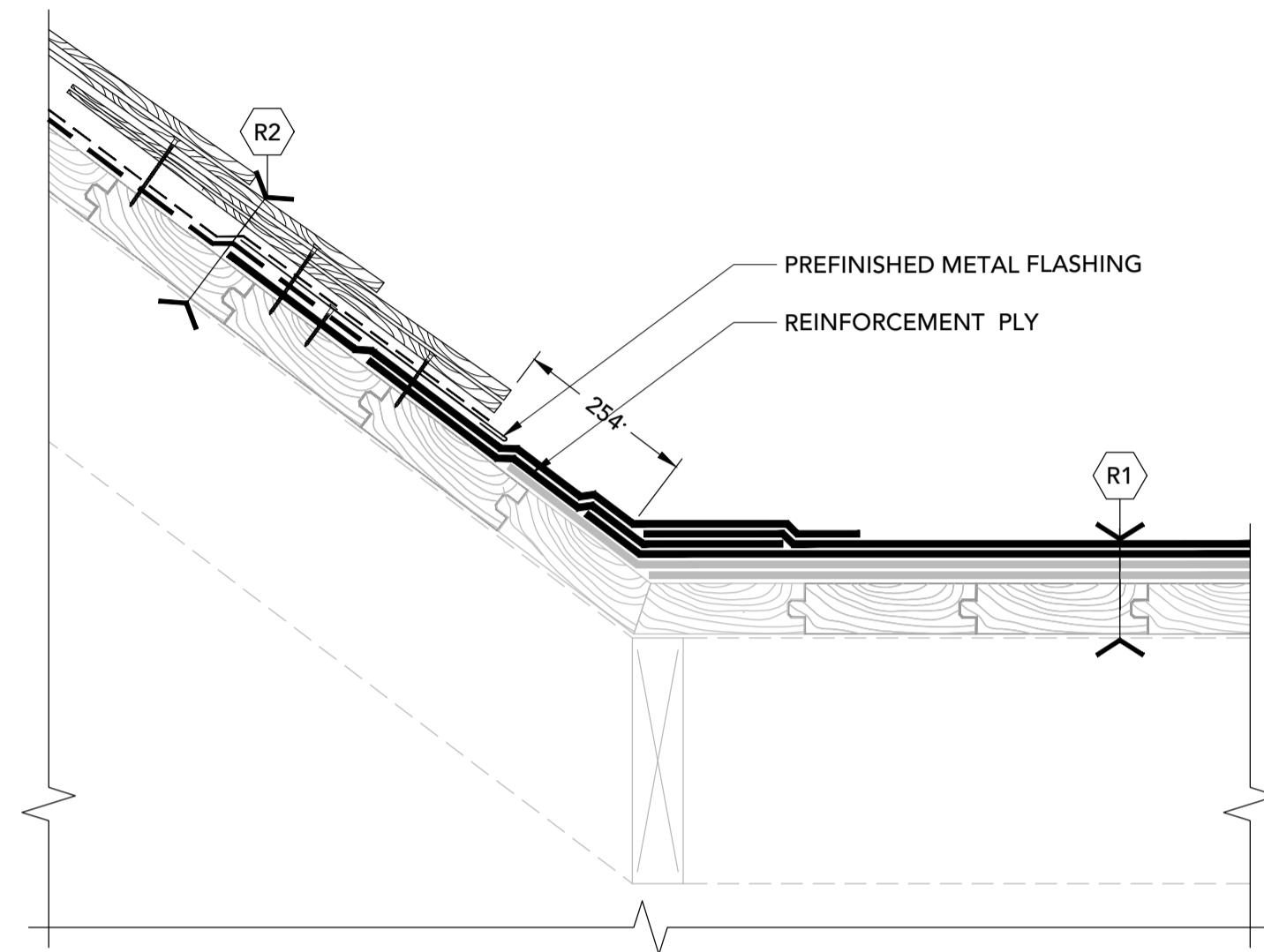
Date: 2025-01-30 | 24137DA-1.dwg

SYSTEM:  
 - 2-PLY MOD. BIT. MEMBRANE  
 - GYPSUM OVERLAY BOARD (MECH. FASTENED)  
 - UNDERLAYMENT MEMBRANE  
 - EXISTING WOOD DECK



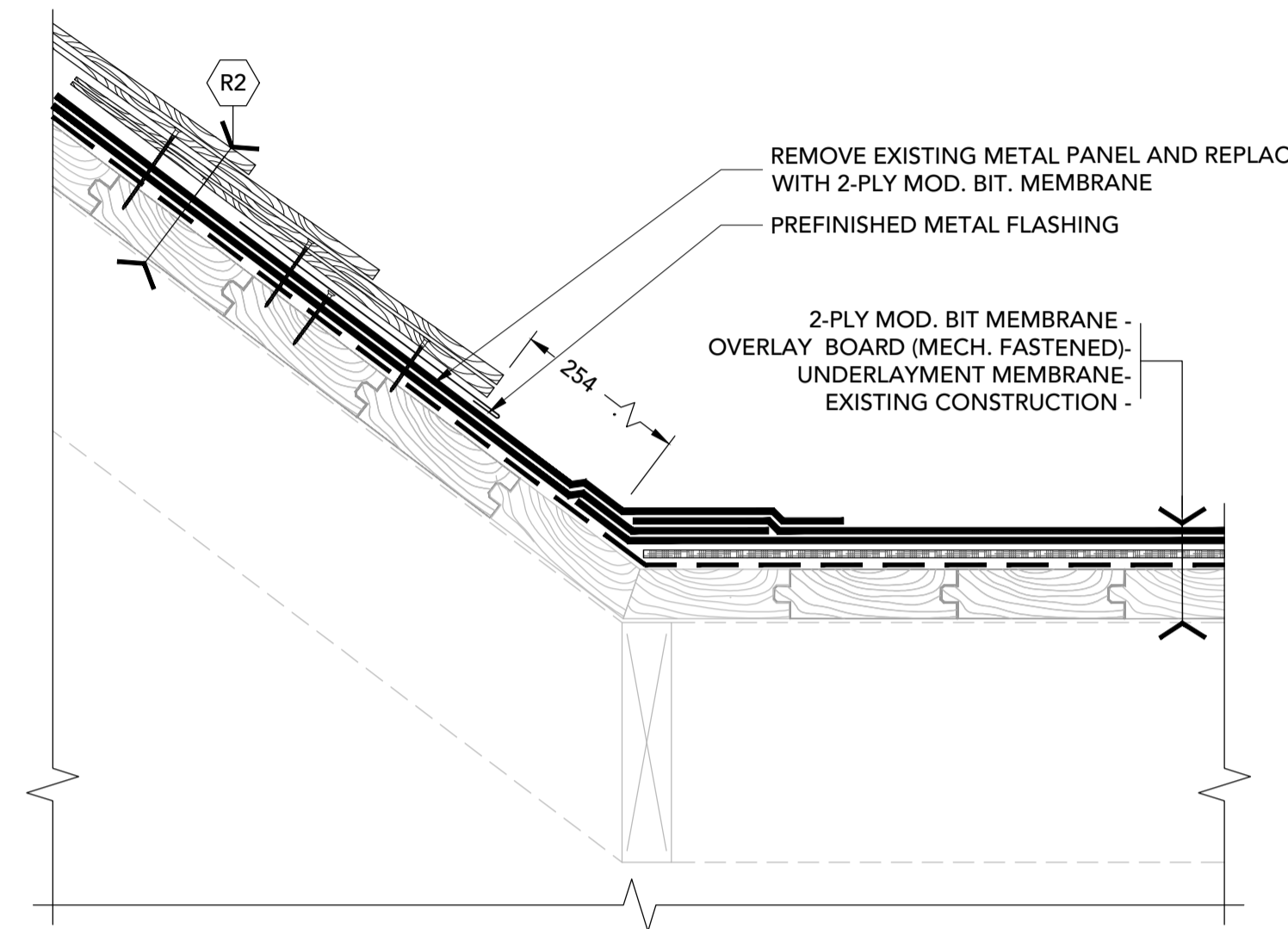
8 TYPICAL MOD. BIT VALLEY  
 6 1:5

NOTES:  
 MECHANICALLY FASTEN EXISTING MOD. BIT MEMBRANE TO EXISTING WOOD DECK.



9 ROOF TRANSITION  
 6 1:5

NOTES:  
 MECHANICALLY FASTEN EXISTING MOD. BIT MEMBRANE TO EXISTING WOOD DECK.

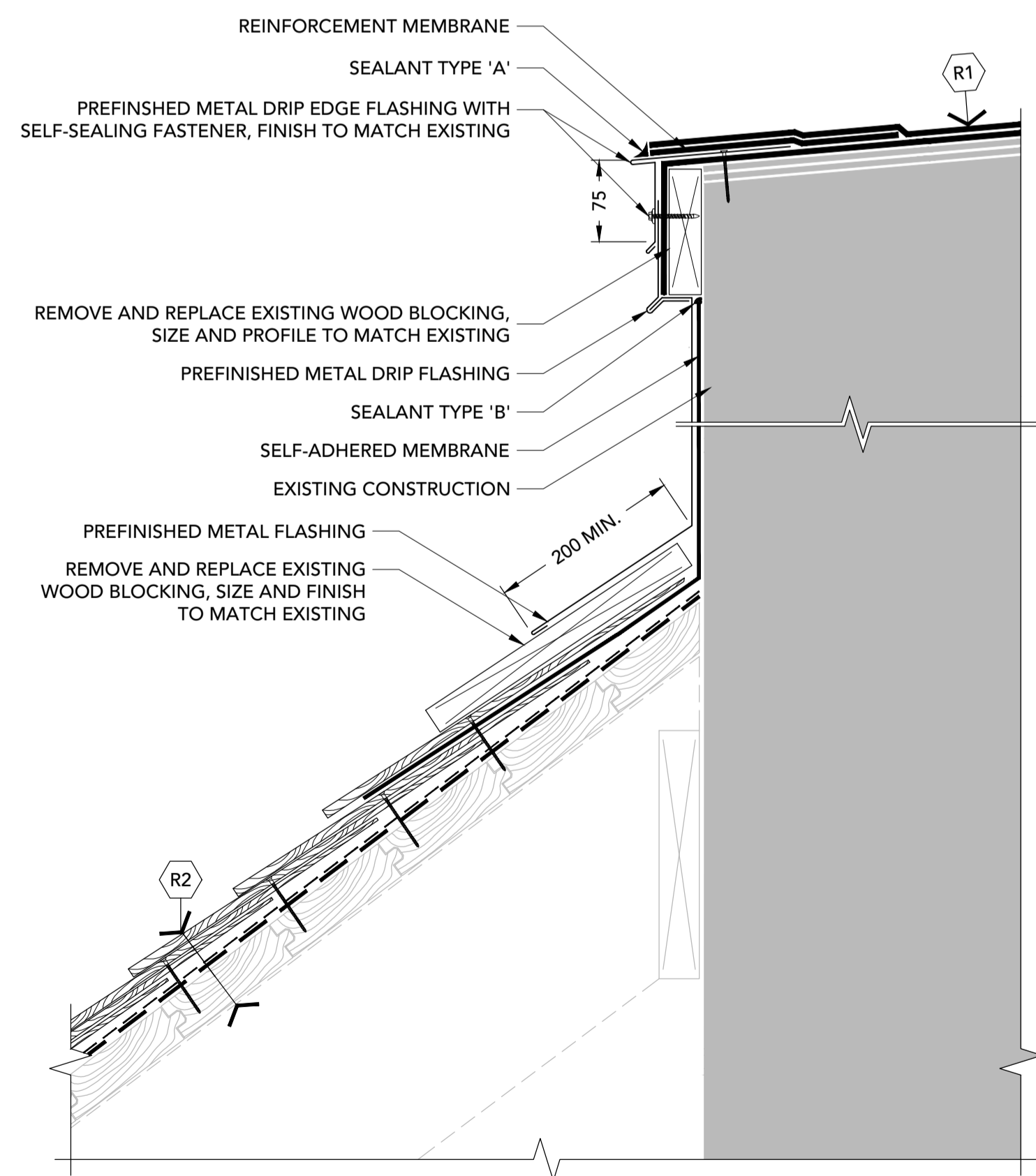


10 ROOF TRANSITION  
 6 1:5

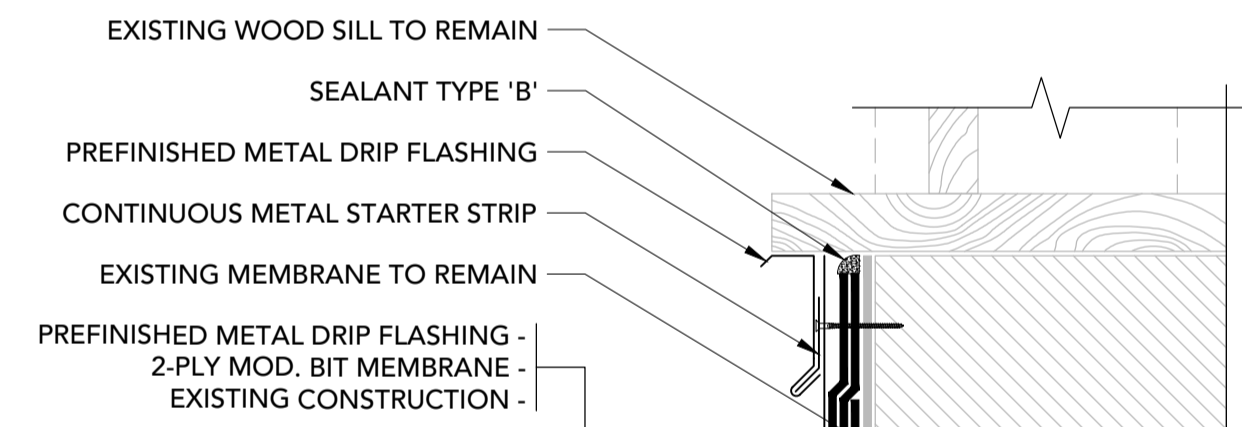
Key Plan:

Notes:

1. CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS AND CONFIRM EXISTING CONDITIONS.
2. NOTIFY CONSULTANT IMMEDIATELY OF ANY DEVIATIONS FROM ASSUMED EXISTING CONDITIONS AS THEY ARE ENCOUNTERED ON SITE.
3. TEMPORARILY REMOVE AND SUPPORT ELECTRICAL BOXES AND CONDUITS RUNNING ALONG PARAPETS AND ON ROOF SURFACES. REINSTATE UPON COMPLETION AND RE-SECURE AS REQUIRED.
4. DRAWINGS ARE NOT TO BE SCALED.
5. THE PROJECT CONSTRUCTOR IS RESPONSIBLE FOR RETAINING/COORDINATING SUB-TRADES, AND SUPPLY AND INSTALLATION OF ALL EQUIPMENT AND MATERIALS AS REQUIRED TO COMPLETE THE WORK AS OUTLINED IN THE TENDER DOCUMENTS.



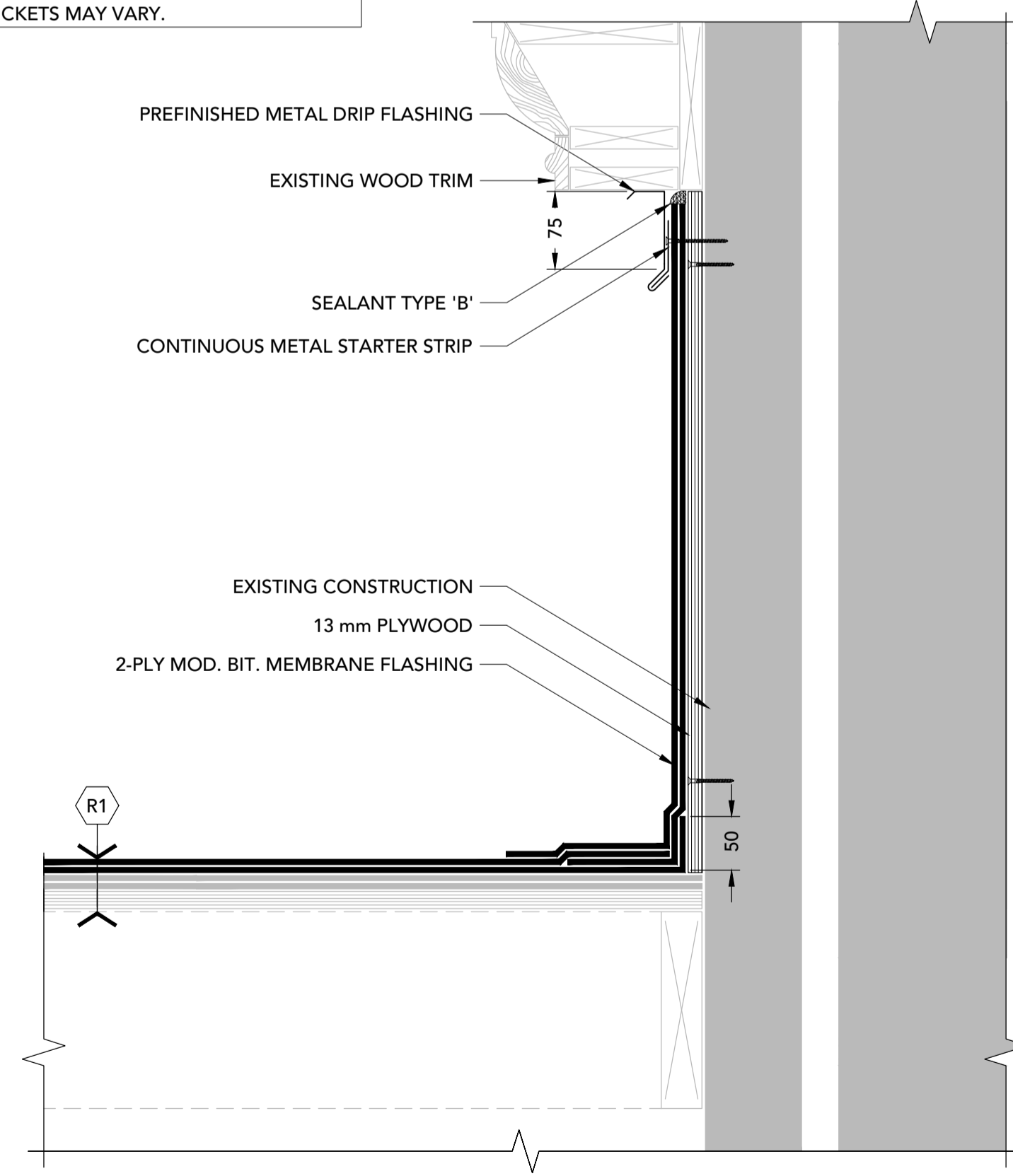
11 TYPICAL EAVE  
 6 1:5 CONDITION-2



PROFILE AND PROJECTION OF EXISTING WOOD TRIM VARIES  
 EXISTING CONSTRUCTION

12 WINDOW SILL  
 6 1:5

NOTES:  
 EXISTING CONSTRUCTION/CONFIGURATION OF CRICKETS MAY VARY.



13 WALL FLASHING  
 6 1:5



71 Avondale Road, Newport Landing, NS B0N 2A0  
 T: 782-351-1285 | www.fsaeng.com

REV #	DATE	DESCRIPTION
3	2025-05-22	FOR CLIENT REVIEW
2	2025-05-15	FOR 99% REVIEW
1	2025-03-21	FOR 66% REVIEW

Client: TOWN OF LUNENBURG

Project: LUNENBURG ACADEMY ROOF UPGRADES

Project #: FSA Project #: 24137DA

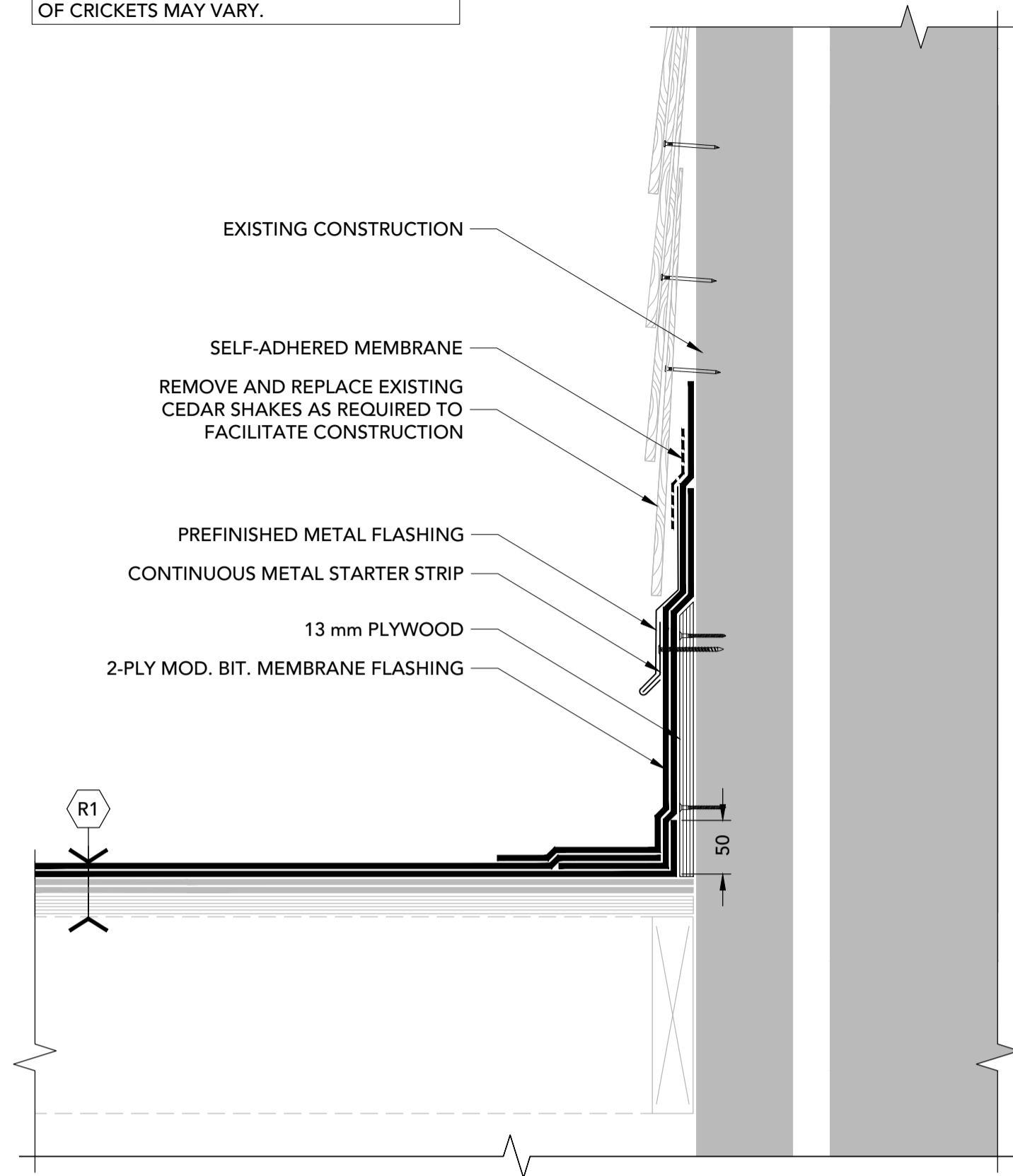
Title: DETAILS

Address of Project: 97 Kaulbach Street Lunenburg, Nova Scotia B0J 2C0	Scale: 1:5 Draw.: VT Dgn.: RB Chk.: RB	Page Number: <b>6</b>
--	---	--------------------------

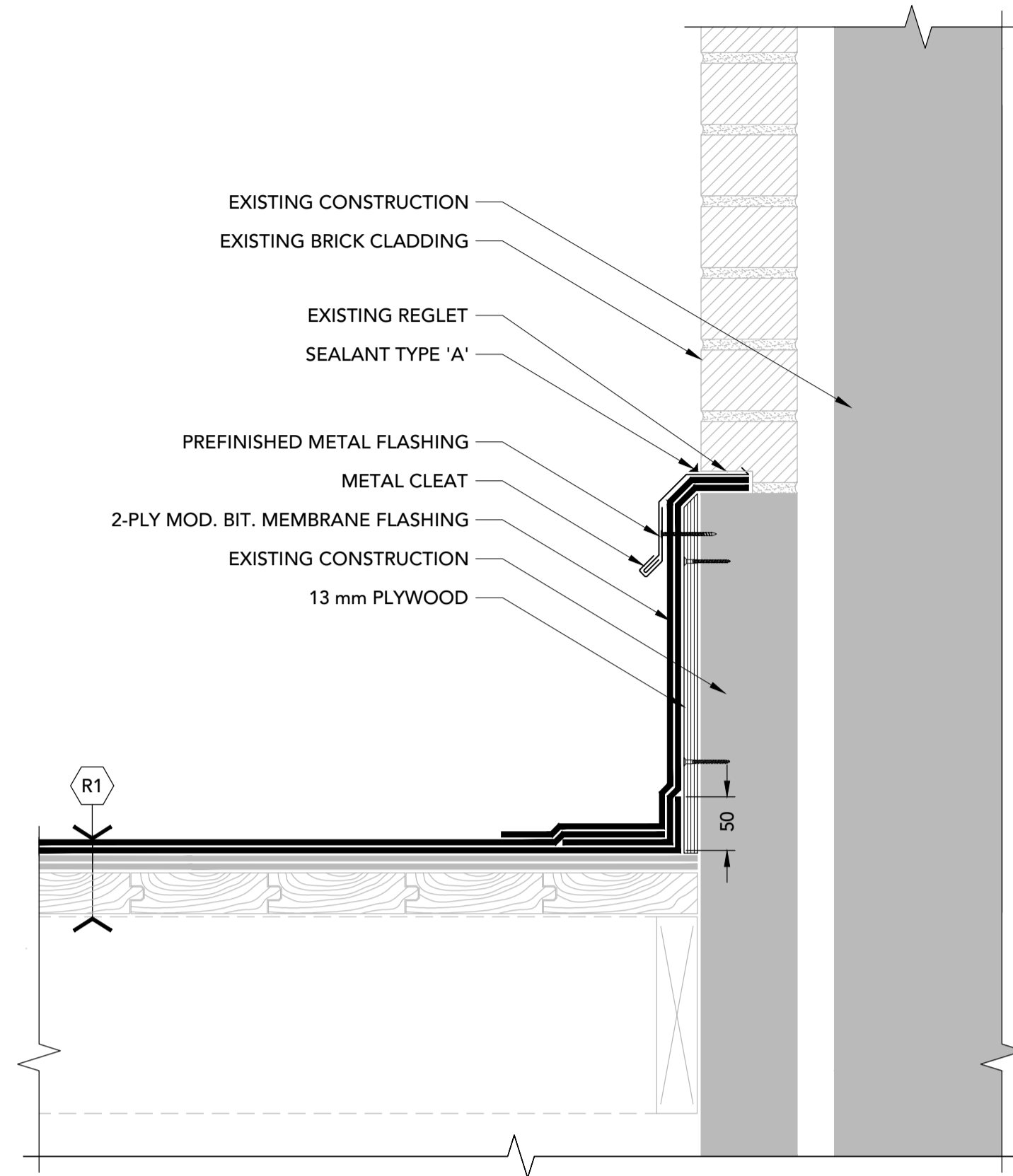
Date: 2025-01-30 | 24137DA-1.dwg

0 50 100 150 200 250 300 mm

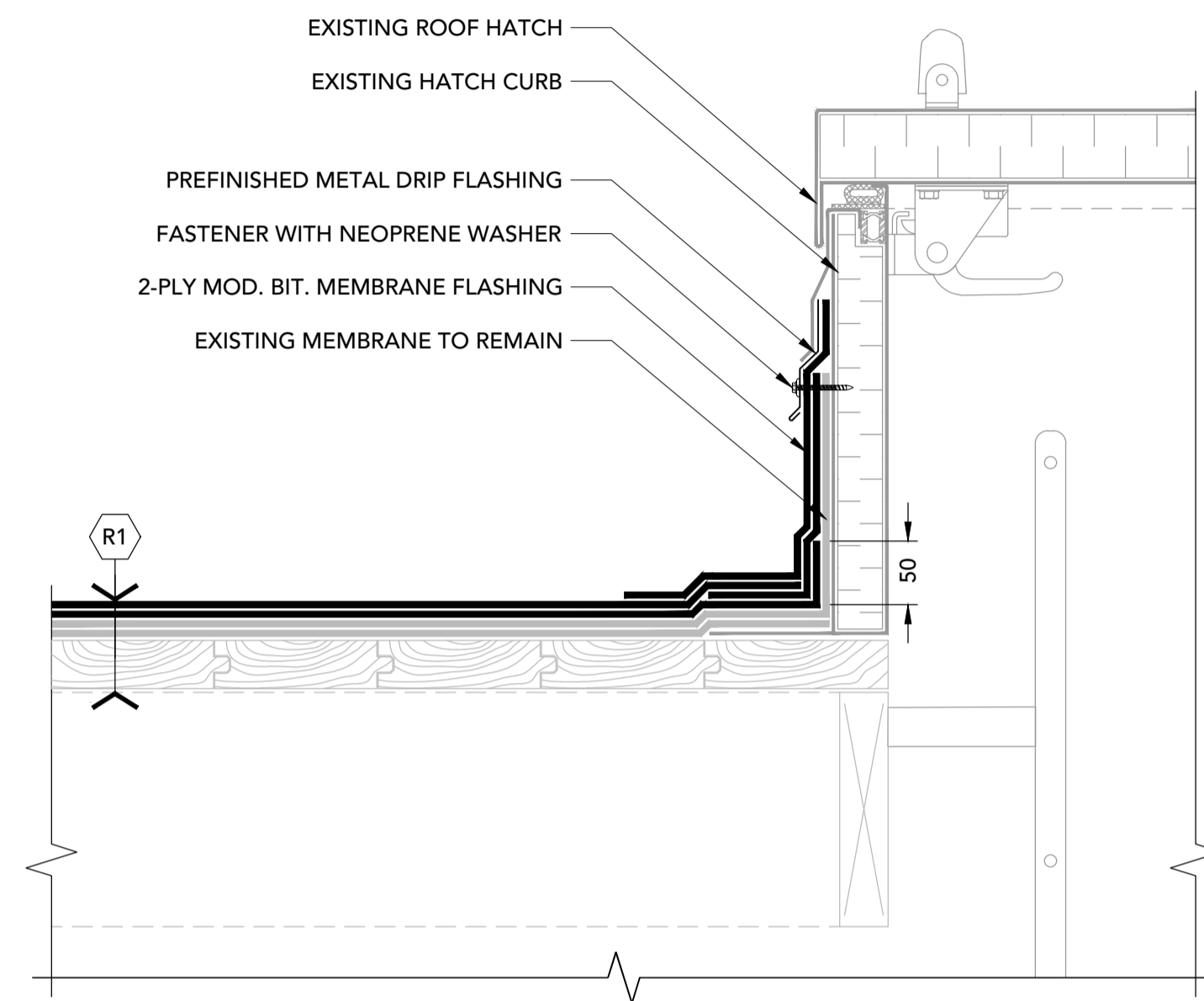
NOTES:  
EXISTING CONSTRUCTION/CONFIGURATION  
OF CRICKETS MAY VARY.



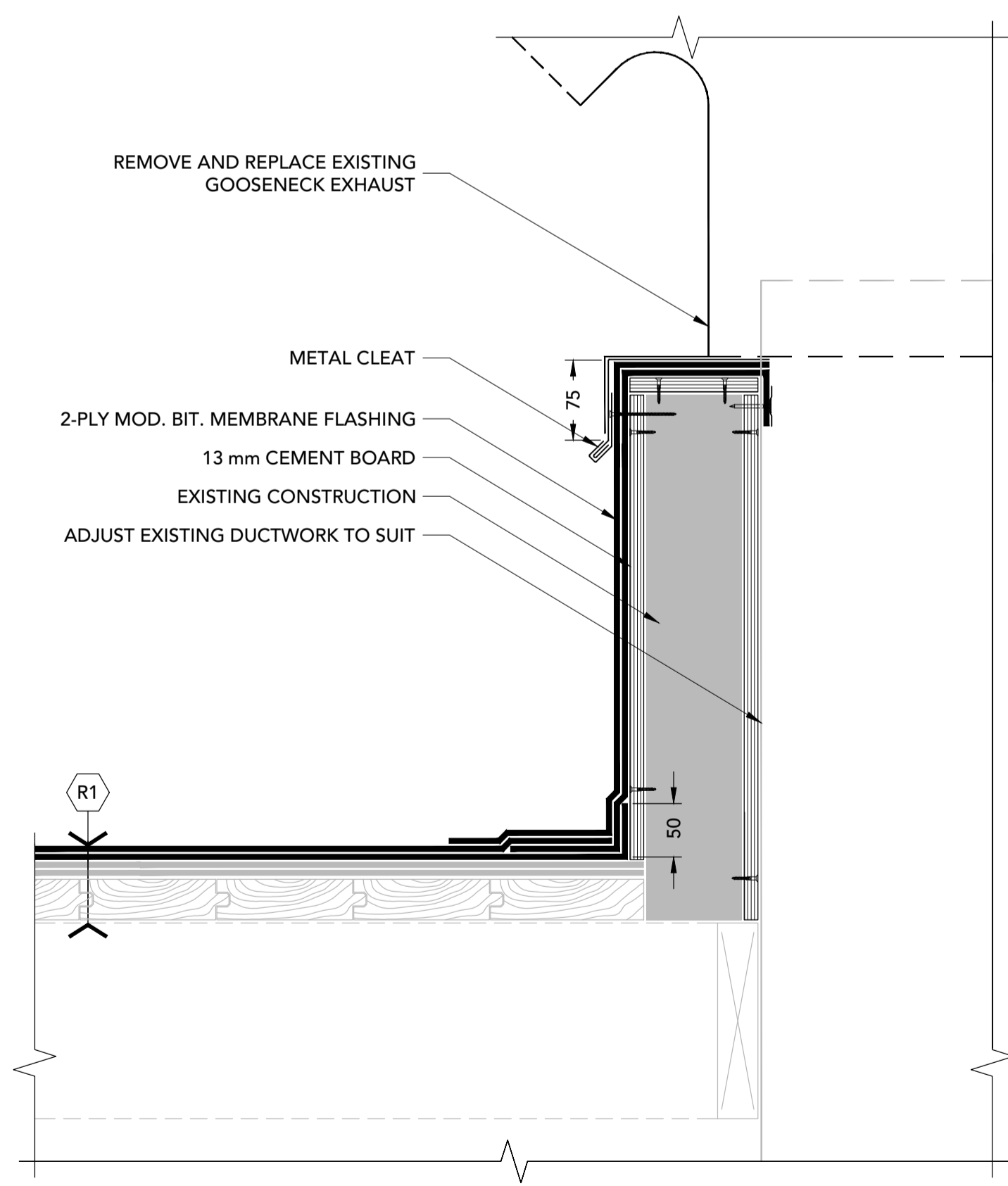
14 WALL FLASHING  
7 1:5



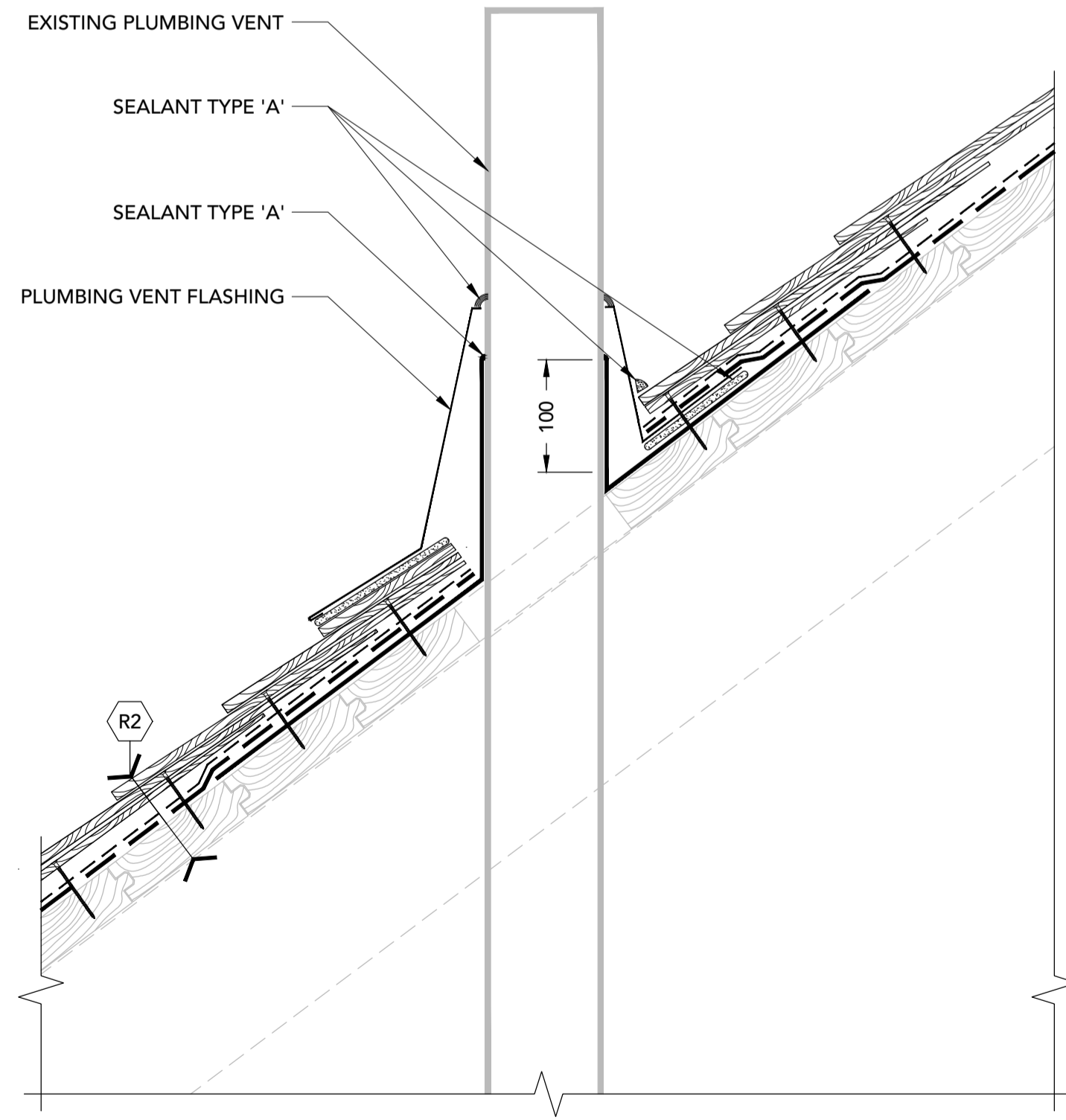
15 WALL FLASHING  
7 1:5



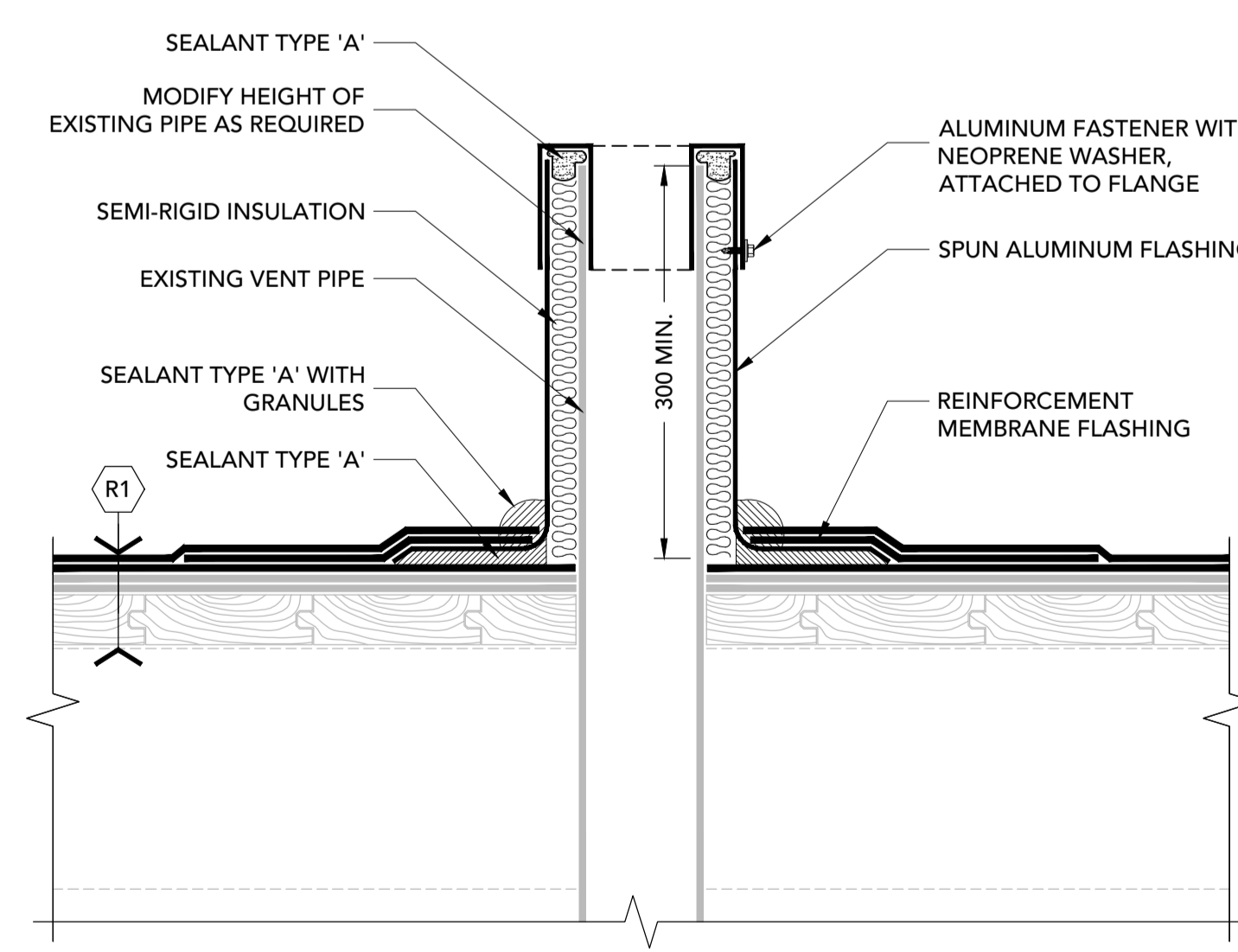
16 ROOF HATCH  
7 1:5



17 GOOSENECK EXHAUST  
7 1:5



18 PLUMBING VENT  
7 1:5



19 PLUMBING VENT  
7 1:5

Key Plan:

Notes:

1. CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS AND CONFIRM EXISTING CONDITIONS.
2. NOTIFY CONSULTANT IMMEDIATELY OF ANY DEVIATIONS FROM ASSUMED EXISTING CONDITIONS AS THEY ARE ENCOUNTERED ON SITE.
3. TEMPORARILY REMOVE AND SUPPORT ELECTRICAL BOXES AND CONDUITS RUNNING ALONG PARAPETS AND ON ROOF SURFACES. REINSTATE UPON COMPLETION AND RE-SECURE AS REQUIRED.
4. DRAWINGS ARE NOT TO BE SCALED.
5. THE PROJECT CONSTRUCTOR IS RESPONSIBLE FOR RETAINING/COORDINATING SUB-TRADES, AND SUPPLY AND INSTALLATION OF ALL EQUIPMENT AND MATERIALS AS REQUIRED TO COMPLETE THE WORK AS OUTLINED IN THE TENDER DOCUMENTS.



71 Avondale Road, Newport Landing, NS B0N 2A0  
T: 782-351-1285 | www.fsaeng.com

REV #	DATE	DESCRIPTION
3	2025-05-22	FOR CLIENT REVIEW
2	2025-05-15	FOR 99% REVIEW
1	2025-03-21	FOR 66% REVIEW

Client: TOWN OF LUNENBURG

Project: LUNENBURG ACADEMY ROOF UPGRADES

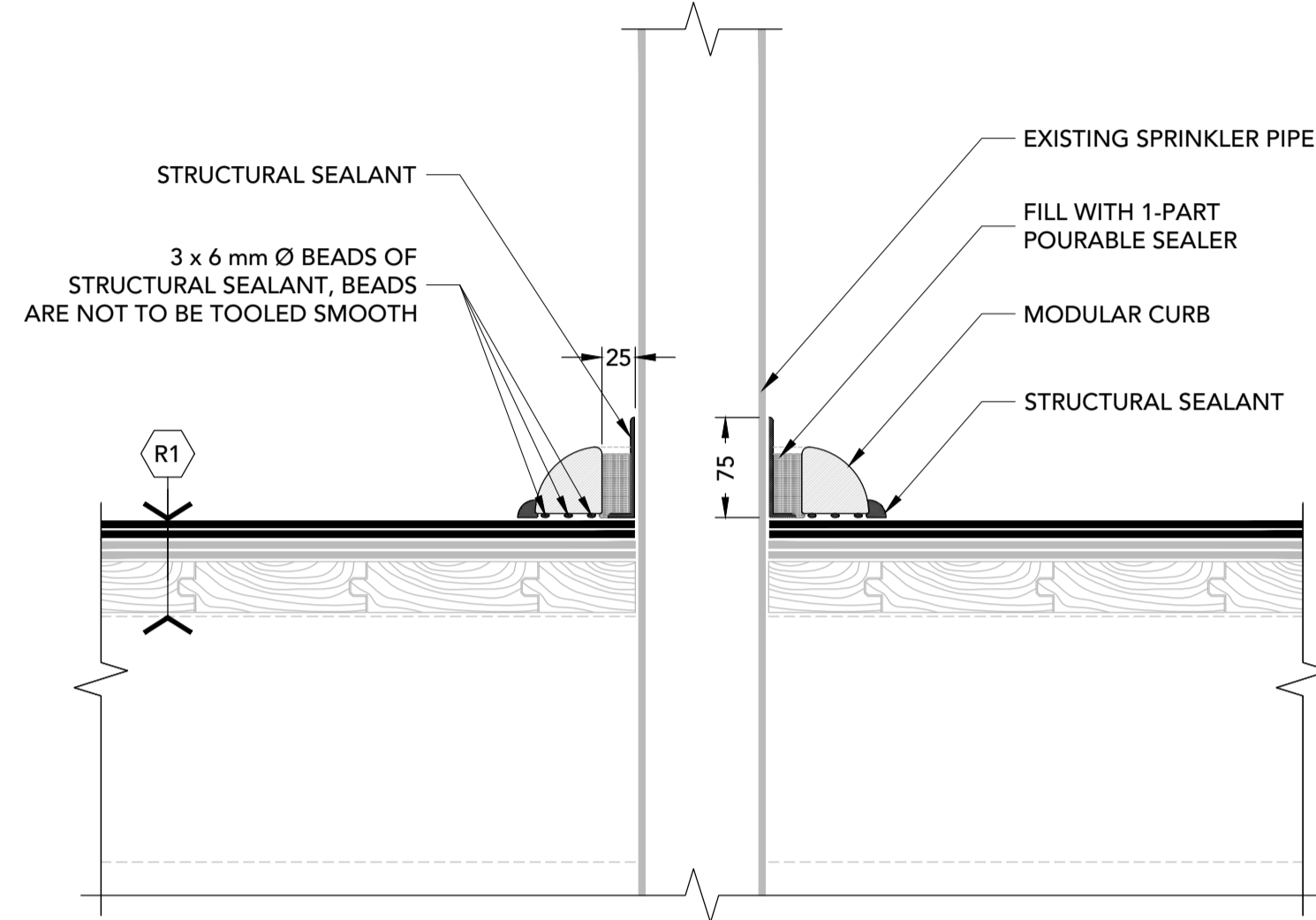
Project #: FSA Project #: 24137DA

Title: DETAILS

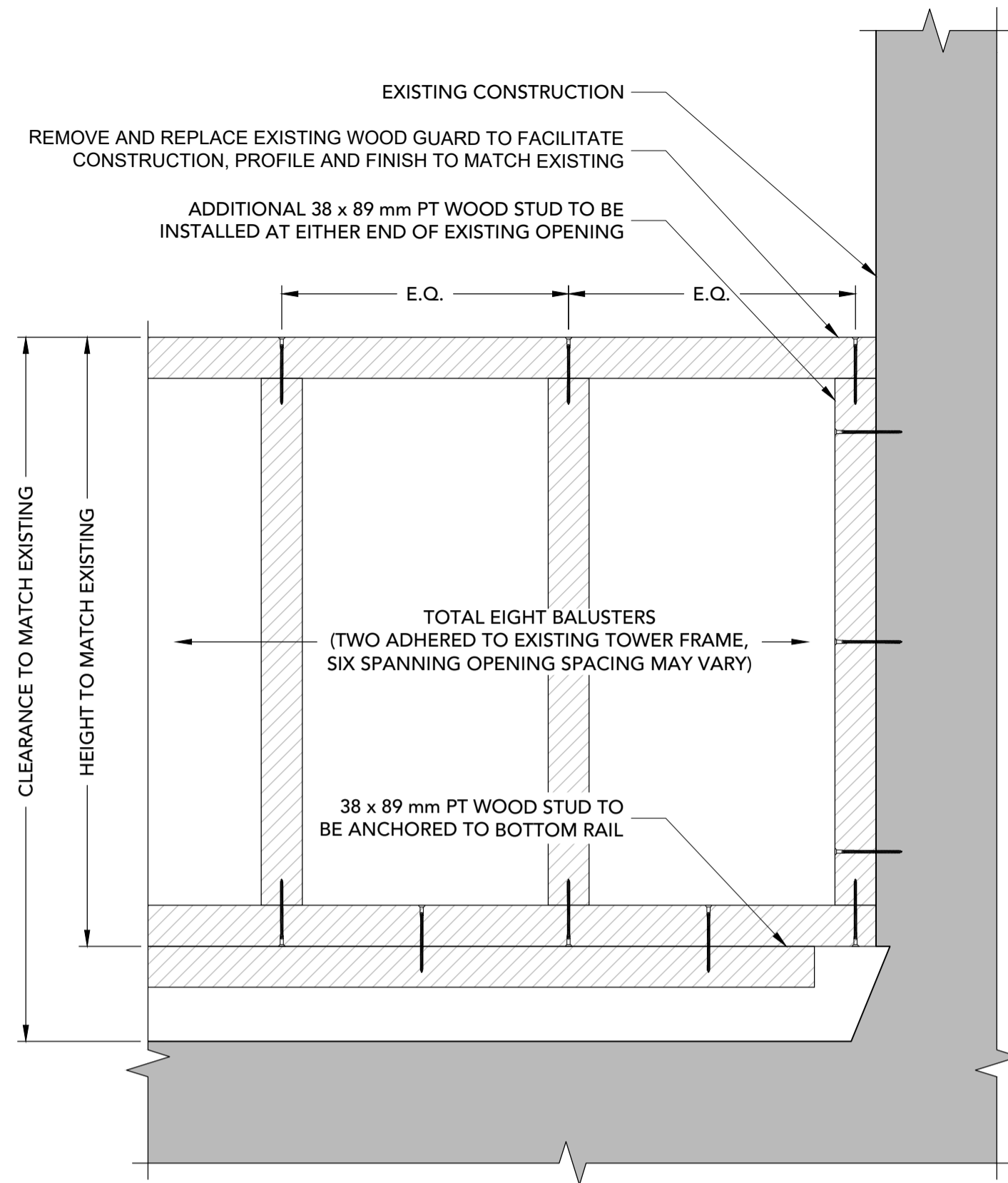
Address of Project: 97 Kaulbach Street Lunenburg, Nova Scotia B0J 2C0	Scale: 1:5 Drw.: VT Dgn.: RB Chk.: RB	Page Number: <b>7</b>
--	--	--------------------------

Date: 2025-01-30 | 24137DA-1.dwg

NOTES:  
 PRIME ALL SURFACES PRIOR TO INSTALLING MODULAR CURB SEALANT. DO NOT USE ROOF CEMENT.  
 LOCATION OF MODULAR CURB IS NOT SHOWN ON PLAN FOR CLARITY, INSTALLATION OF MODULAR CURB IS LOCATED WITHIN THE INTERIOR SPACES OF T1A AND T1B.



20 MODULAR CURB  
 8 1:5



21 TYPICAL TOWER GUARD  
 8 1:5 INTERIOR: T1A & T1B

RESERVED

Key Plan:

- Notes:
1. CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS AND CONFIRM EXISTING CONDITIONS.
  2. NOTIFY CONSULTANT IMMEDIATELY OF ANY DEVIATIONS FROM ASSUMED EXISTING CONDITIONS AS THEY ARE ENCOUNTERED ON SITE.
  3. TEMPORARILY REMOVE AND SUPPORT ELECTRICAL BOXES AND CONDUITS RUNNING ALONG PARAPETS AND ON ROOF SURFACES. REINSTATE UPON COMPLETION AND RE-SECURE AS REQUIRED.
  4. DRAWINGS ARE NOT TO BE SCALED.
  5. THE PROJECT CONSTRUCTOR IS RESPONSIBLE FOR RETAINING/COORDINATING SUB-TRADES, AND SUPPLY AND INSTALLATION OF ALL EQUIPMENT AND MATERIALS AS REQUIRED TO COMPLETE THE WORK AS OUTLINED IN THE TENDER DOCUMENTS.

RESERVED

RESERVED

RESERVED



71 Avondale Road, Newport Landing, NS B0N 2A0  
 T: 782-351-1285 | www.fsaeng.com

REV #	DATE	DESCRIPTION
3	2025-05-22	FOR CLIENT REVIEW
2	2025-05-15	FOR 99% REVIEW
1	2025-03-21	FOR 66% REVIEW

Client: TOWN OF LUNENBURG

Project: LUNENBURG ACADEMY ROOF UPGRADES

Project #: FSA Project #: 24137DA

Title: DETAILS

Address of Project: 97 Kaulbach Street Lunenburg, Nova Scotia B0J 2C0	Scale: 1:5 Drw.: VT Dgn.: RB Chk.: RB	Page Number: <b>8</b>
--	--	--------------------------

Date: 2025-01-30 | 24137DA-1.dwg