

ADDENDUM NO. 3

TO WHOM IT MAY CONCERN:

**REQUEST FOR TENDERS #: T-683-24
REPLACEMENT OF ROOF AT WOODLANDS OPERATION CENTRE, 1179 BRONTE ROAD,
OAKVILLE, ON L6M 3L1**

This Addendum No. 3, issued Monday, May 6, 2024, must be incorporated into and made part of the above noted Request for Tenders Document.

ISSUE #1: AMENDMENT TO THE TENDER DRAWINGS

The drawings contained within RFT T-683-24 (Cover Page inclusive of Drawing List, and Revision 1 of Drawings A1 through A5) are hereby deleted in their entirety and replaced by the attached amended drawings (Cover Page inclusive of Drawing List, and Revision 3 of Drawings A1 through A5).

ISSUE #2: AMENDMENTS TO THE SCHEDULE OF PRICES

- a) The Schedule of Prices: T-683-24 – Cash Allowances has been amended to remove item A-002 - Cash Allowance for Relocation of Natural Gas Line.
- b) The Schedule of Prices: T-683-24 Divisional Requirements has been amended for the addition of the text “Supply & Install new Skylights”. The revised line item is as follows:
“Remove existing skylights, build-up the existing skylight curbs as required to accommodate the height of the new roof assembly. **Supply and Install new Skylights**. The skylights are reported to be 1530mm x 2438mm, contractor to site verify.”

NOTE: A revised online submission form has been generated and saved to the “Documents” section of Bids & Tenders and replaces the original online submission form.

ISSUE #3: RESPONSES TO THE QUESTIONS RECEIVED BY THE REGION

Question 1: Note on A2 drawing states remove and dispose existing skylight system (typical). However, 6/ A4 detail says remove and store existing skylight and reinstate skylights. Please clarify.

Answer 1: Skylights are to be removed and disposed of. Refer to the detail 6/A4 (Skylight Detail) of Drawing A4, Revision 3 attached hereto.

Question 2: is required any type of hoarding & o/H Hoarding. where.

Answer 2: Overhead protection and the like may be required during work at the overhand roofs E, F & G (and/or other location depending on the method of procedure) these requirements are to comply with OHSA regs. and Attachment 1 – Technical Specifications Section 01 56 00 – Temporary Barriers & Enclosures. Hoarding is not anticipated; hoarding would only be required if there is time between the skylight removal and the installation of the new skylights.

Question 3: is the roof under Warranty who is the base contractor roofing company and it's contacts.

Answer 3: The existing roof is not under warranty.

Question 4: is there any electrical work.

Answer 4: The only anticipated base scope items which could be considered electrical work would be to install new sleeve flashing around locations where existing electrical conduits penetrate the roof assembly. This is not anticipated to require and disconnection of existing electrical systems.

Question 5: who is the manufacturer of the Dome Skylight.

Answer 5: Any manufacturer which meets the requirements of Section 08 62 00 – Unit Skylights will be acceptable.

Note as per Section 08 62 00, 2.4.1 of Attachment 1 – Technical Specifications, “Manufacturer Qualifications: A qualified manufacturer with minimum 20 years' experience in the manufacturing similar products in successful use on similar projects and able to provide unit skylights meeting requirements.”

Question 6: the facility will be operational during roof replacement. is all mechanical and electrical equipment will be raise and left on site or removed from site to ground.

Answer 6: Temporarily removal is not anticipated to be required and should not be priced into the base bid. If temporary removals end up being required these costs and the cost for any required testing will come from the Schedule of Prices: T-683-24 - Cash Allowances, item A-001.

Question 7: what is the estimated length and type of carpentry to be replaced at parapet?

Answer 7: The site was available for viewing during the non-mandatory site visit. As per the drawings, the contractor is to site verify all dimensions.

The dimensions provided on Drawing 1/A1 (Roof Key Plan) could be used to give a rough calculation of the perimeter however, as stated, these dimensions have not been site verified.

Question 8: existing metal roof below EPDM roof. what to do to it. is it in base price.

Answer 8: The existing roof assembly is to be demolished and removed to expose the existing metal roof. The metal roof is to be cleaned of all dirt/debris and prepared as per specifications to receive the new roof assembly.

Any scouring of rust and painting of corroded areas of the metal deck would be outside of the base bid (Refer to the Schedule of Prices: T-683-24 - Provisional Items Allowance, item P-001). No quantity of replacement of the steel deck is anticipated to be required and should also not be included in the base bid.

Question 9: in the tender form Mod. Bit. Roof has two groups E1, F1, G1 & E2, F2, G2 not shown on drawings.

Answer 9: The distinction is outlined in Section 01 11 00 - Summary of Work of Attachment 1 – Technical Specifications. E1, F1, G1 are the upper overhang roofs and E2, F2, G2 are the roofs which site below these. Updates have been made for clarification in the attached revised drawings.

Question 10: for existing metal roof under new EPDM Roofing. as per detail 2A/A3. we have scour rust and Repaint/prepare. what is exactly we have to do. it is under base price or provisional price.

Answer 10: Preparing the roof is under the base scope and involves proper cleaning of the roof deck and adequate demolition/removal of the existing roof assembly from the deck. Costs for “Scouring rust and Repainting” are not part of the base scope, these costs are covered under item P-001 of Schedule of Prices: T-683-24 - Provisional Items Allowance. The contractor is to document the extent of any such repairs and will be compensated as per that unit rate.

Question 11: Could you please confirm if the non penetrating guardrails to be made of galvanized steel or aluminum?

Answer 11: As indicated either material would be acceptable provided and hot dip galvanization or powder coating are listed as acceptable corrosion resistant finishes.

Question 12: Please clarify what Division 15 - Mechanical Work (as mentioned in the schedule of prices) is to be carried under the scope of work.

Is there mechanical work other than what is to be carried in the cash allowance (testing, temp. re/re, natural gas line relocation work)?

Answer 12: Refer to Attachment 1 – Technical Specifications, Section 15 00 00 - Mechanical Work.

Raising of the curb at, testing and temporary removal of the rooftop mechanical units is not anticipated to be required and should not be priced into the base bid. If temporary removals end up being required these costs and the cost for any required testing will come from item A-001 of Schedule of Prices: T-683-24 Cash Allowances.

The Schedule of Prices: T-683-24 Cash Allowances, item A-002 (Cash Allowance for Relocation of Natural Gas Line) has been removed as this should be considered to be part of the base scope of work. Note: the \$10,000 allocation is not necessarily indicative of the anticipated costs but was rather a standard allowance amount. Bidders are to use their own discretion for accounting for the costing of this Item.

Question 13: The bid form has requested an line item for a scope of work found in the cash allowance. Can the bid form be revised?

Answer 13: Refer to Answer 12.

ISSUE #4: ANSWERS TO THE QUESTIONS RAISED AT THE NON-MANDATORY SITE MEETING BUT NOT SUBMITTED VIA THE BIDS & TENDERS PORTAL

Question 14: Are the existing paver pathways required to be reinstated?

Answer 14: Yes. The paver pathways are to be stored and reinstated to match existing. Any damaged pavers are to be replaced.

Question 15: what is the existing roof assembly?

Answer 15: The flat roof assemblies used stone ballast, loose-laid EPDM membrane, but insulation and deck varied. The existing assemblies at 5 of the 7 flat roof assemblies consist of 76mm of rigid insulation on a sloped metal deck (A2, B, C1, D).

The other two flat roof sections (A1 & C2) are on a concrete deck and have additional tapered insulation in addition to the 76mm base insulation.

The sloped overhang roofs (E1, F1, G1) are composed of a two modified bitumen roof overtop 19mm plywood and a steel deck. The composition of roof E2, F2, G2 was not verified.

Question 16: Drawing detail 2/A2 (Existing/Demo Roofing Detail (TYP.)) states remove and dispose existing Ballast. However, Note 2 says retain existing ballast for reinstatement. Please clarify.

Answer 16: Existing Ballast is to be stored and reinstated. Drawing detail 2/A2 has been corrected in the revised drawings attached hereto.

Question 17: Note 5 of Drawing Detail 1/A2 has no text, can this be clarified?

Answer 17: Note 5 has been corrected to state "REMOVE, DISPOSE OF ANY IDENTIFIED REDUNDANT ROOF TOP PENETRATIONS". Refer to the revised Drawing A2 attached hereto.

Question 18: Is the Chimney at Roof B still in service?

Answer 18: This chimney is being decommissioned as part of a separate project. No costs are to be carried for this work. The winning bidder will co-ordinate with the other contractor for scheduling. See note on revised Drawing A2.

Question 19: Does the metal siding have to be repainted or only the structural supports?

Answer 19: As per Drawing detail 2/A4 only the metal structure requires full repainting. At the ladders and horizontal siding only (the minimal) localized areas of corrosion are required to be repainted.

All other terms and conditions remain the same. This addendum must be acknowledged in the submitted Bid submission.

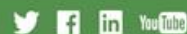
Penny Howson
Senior Strategic Sourcing Specialist

Regional Municipality of Halton

HEAD OFFICE: 1151 Bronte Rd, Oakville, ON L6M 3L1

905-825-6000 | Toll free: 1-866-442-5866

halton.ca 311



HALTON REGION SERVICES

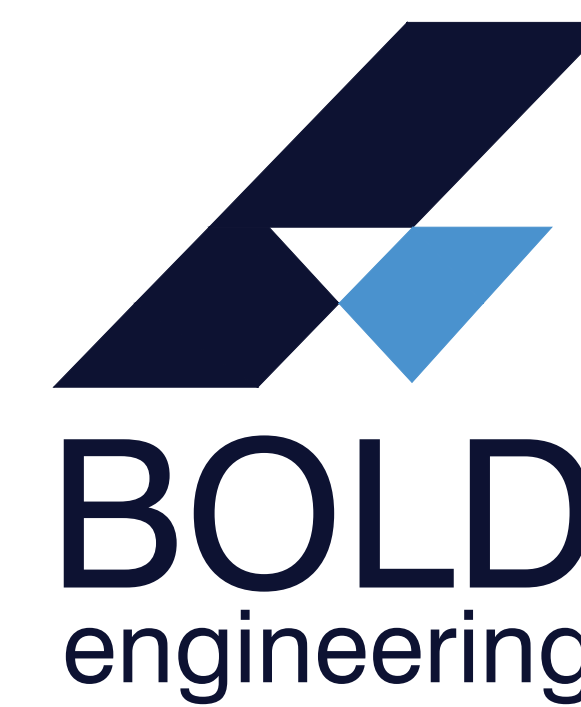
1179 Bronte Rd, Oakville, ON

WOODLANDS OPERATION CENTER ROOF REPLACEMENT

PROJECT NO.: T-683-24

DRAWING LIST

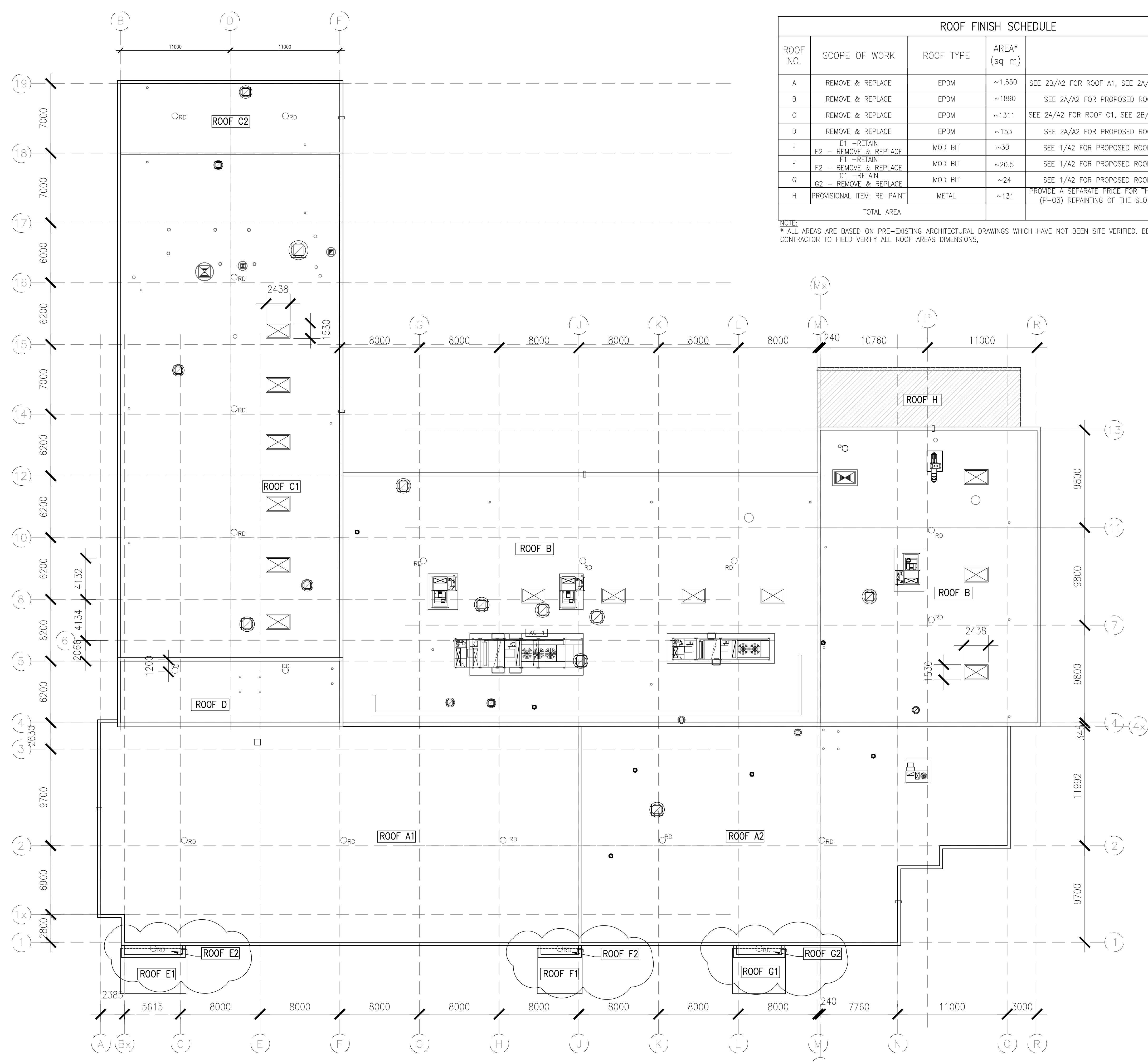
- A1 ROOF KEY PLAN
- A2 EXISTING/DEMO ROOF PLAN
- A3 PROPOSED ROOF PLAN
- A4 ROOF DETAILS I
- A5 ROOF DETAILS II



Bold Engineering Inc.
2778 Dufferin Street, Suite 104
Toronto, Ontario, M6B 3R7
Canada

Tel: 416-556-0766
Fax: 1-866-876-5758

www.boldengineering.ca



ROOF FINISH SCHEDULE				
ROOF NO.	SCOPE OF WORK	ROOF TYPE	AREA* (sq m)	
A	REMOVE & REPLACE	EPDM	~1,650	SEE 2B/A2 FOR ROOF A1, SEE 2A/A2 FOR ROOF A2
B	REMOVE & REPLACE	EPDM	~1890	SEE 2A/A2 FOR PROPOSED ROOF ASSEMBLY
C	REMOVE & REPLACE	EPDM	~1311	SEE 2A/A2 FOR ROOF C1, SEE 2B/A2 FOR ROOF C2
D	REMOVE & REPLACE	EPDM	~153	SEE 2A/A2 FOR PROPOSED ROOF ASSEMBLY
E	E1 - RETAIN E2 - REMOVE & REPLACE	MOD BIT	~30	SEE 1/A2 FOR PROPOSED ROOF ASSEMBLIES
F	F1 - RETAIN F2 - REMOVE & REPLACE	MOD BIT	~20.5	SEE 1/A2 FOR PROPOSED ROOF ASSEMBLIES
G	G1 - RETAIN G2 - REMOVE & REPLACE	MOD BIT	~24	SEE 1/A2 FOR PROPOSED ROOF ASSEMBLIES
H	PROVISIONAL ITEM: RE-PAINT	METAL	~131	PROVIDE A SEPARATE PRICE FOR THE PROVISIONAL ITEM (P-03) REPAINTING OF THE SLOPED METAL ROOF
TOTAL AREA				

NOTE:
* ALL AREAS ARE BASED ON PRE-EXISTING ARCHITECTURAL DRAWINGS WHICH HAVE NOT BEEN SITE VERIFIED. BEFORE BIDDING THE CONTRACTOR TO FIELD VERIFY ALL ROOF AREAS DIMENSIONS.

ROOF LEGEND	
N.I.C.	DENOTES AREA NOT IN CONTRACT
A	ROOF DESIGNATION
RD	ROOF DRAIN
○	VENT STACK/PENETRATION
MAC-1	MECHANICAL UNIT (W/ NUMBER)
⊗	EXHAUST FAN
⊠	SKYLIGHT
⊥	SCUPPER
G	GAS LINE

- Drawing Notes**
- All drawings, plans, models, designs, specifications and other documents prepared by Bold Engineering Inc. ("BOLD") and used in connection with this project are instruments of service for the work shown in them (the "Work") and as such are and remain the property of BOLD whether the Work is executed or not, and BOLD reserves the copyright in them and in the Work executed from them, and they shall not be used for any other work or project.
 - These drawings are "design drawings" only. They may not be suitable for use as shop drawings. Use of these drawings as base drawings for "shop drawings" is not permitted unless written permission containing certain conditions and limitations is obtained from BOLD.
 - The work "as constructed" may vary from what is shown on these drawings. Use of these drawings is limited to that identified in the Issued/Revision column. Do not construct from these drawings unless marked "Issued for Construction" by BOLD in the Issued/Revision column, and then only for the parts noted. The drawings shall not be used for "pricing" / "costing" or "tender" unless so not complete and any prices based on such drawings must allow for this.

No.	Revision	Date	By
3.	ISSUED FOR ADDENDUM	2024-05-03	CS
2.	ISSUED FOR TENDER	2024-03-29	CS
1.	ISSUED FOR REVIEW	2024-02-14	CS

Bold Engineering Inc.
2778 Dufferin Street, Suite 104
Toronto, Ontario, M6B 3R7
Canada
Tel: 416-556-0766
Fax: 1-866-876-5758
www.boldengineering.ca

Project Name
**WOODLANDS OPERATIONS CENTER
ROOF REPLACEMENT**

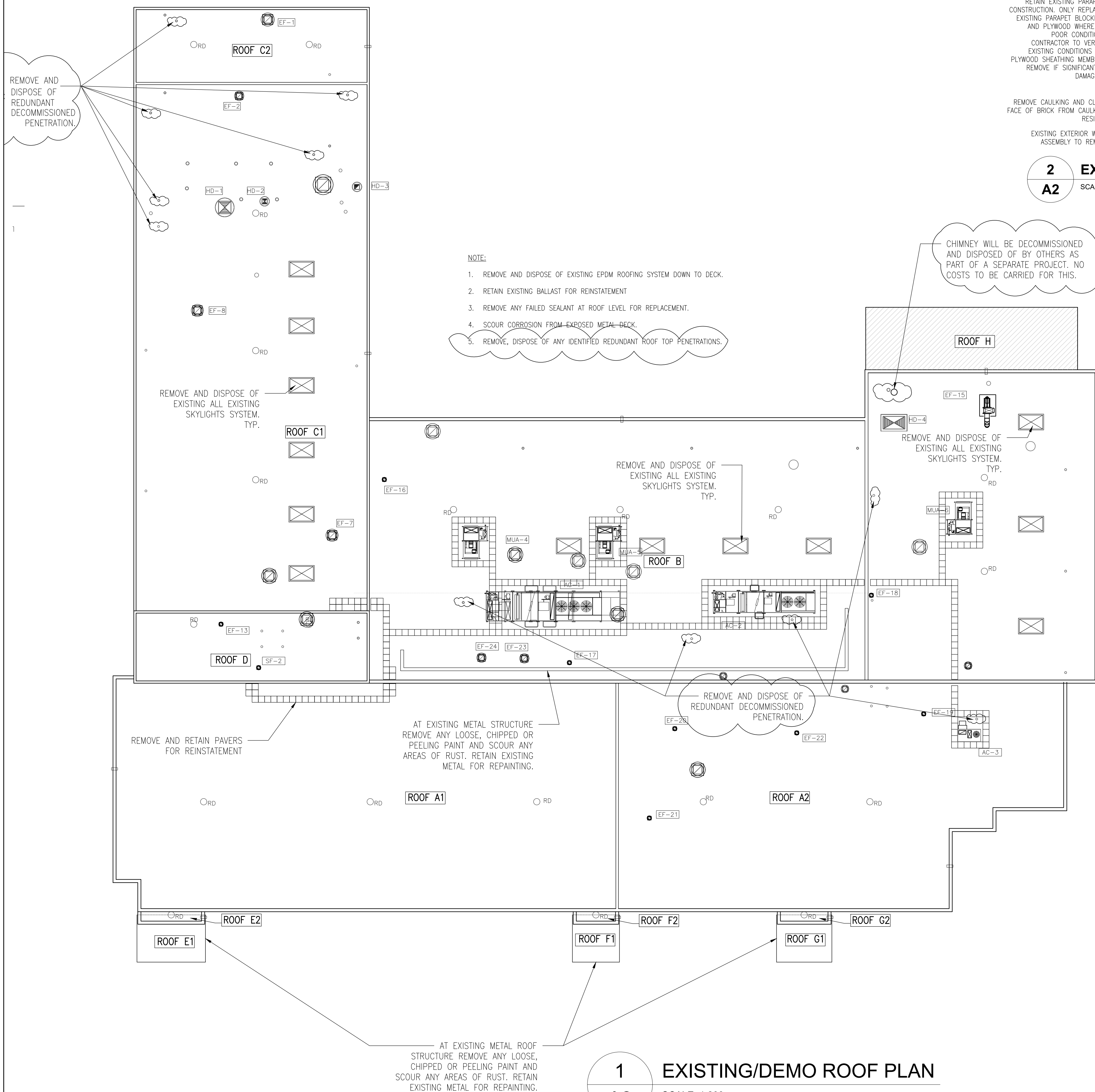
1179 BRONTE RD, OAKVILLE, ON
Sheet Title

ROOF KEY PLAN

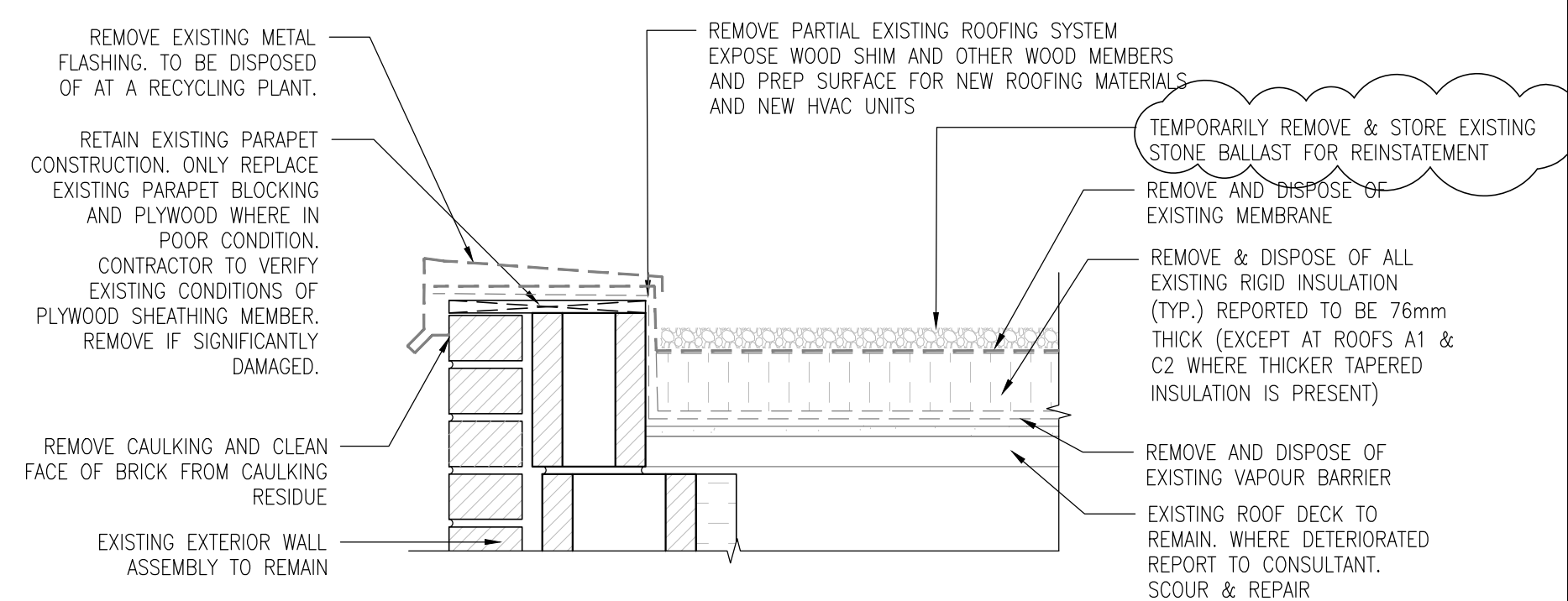
Drawn By AE/CS Scale As Shown
Designed By CS Date May. 3rd, 2024
Project Number T-683-24

Sheet Number	Revision
A1	3

1 ROOF KEY PLAN
A1 SCALE: 1:200



1
A2 EXISTING/DEMO ROOF PLAN
SCALE: 1:200



2
A2 EXISTING/DEMO ROOFING DETAIL (TYP.)
SCALE: 1:8

ROOF LEGEND	
N.I.C.	DENOTES AREA NOT IN CONTRACT
A	ROOF DESIGNATION
RD	ROOF DRAIN
○	VENT STACK/PENETRATION
MUA-1	MECHANICAL UNIT (W/ NUMBER)
⊗	EXHAUST FAN
⊠	SKYLIGHT
⊞	SCUPPER
- G -	GAS LINE

- NOTE:
- THE CONTRACTOR IS RESPONSIBLE FOR TESTING AND VERIFYING ALL EQUIPMENT ARE IN PROPER WORKING CONDITION BEFORE DISCONNECTING THEM FOR ROOF REPLACEMENT WORK. TESTS AND VERIFICATION SHALL BE DONE BY CERTIFIED GAS TECHNICIAN, ELECTRICIAN, HVAC TECHNICIAN AND BAS TECHNICIAN.
 - THE CONTRACTOR MUST REPORT TO THE OWNER WHEN AN EQUIPMENT IS FOUND TO BE OUT OF SERVICE DURING THE TESTS.
 - RECONNECT ALL EQUIPMENT AFTER THE ROOF REPLACEMENT WORK IS COMPLETED. TESTS AND VERIFIES ALL THE EQUIPMENT ARE IN GOOD WORKING CONDITION AFTER RECONNECTING THEM.
 - THE CONTRACTOR IS RESPONSIBLE FOR ANY MECHANICAL LIFTS REQUIRED TO PERFORM THE ROOF REPLACEMENT WORK. IF THIS IS REQUIRED COSTS WILL DRAW FROM CASH ALLOWANCE A-001.
 - CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF ALL NECESSARY TEMPORARY ACCESS, SAFETY & DISPOSAL EQUIPMENT REQUIRED TO FACILITATE THE ROOFING WORK. THIS INCLUDES DISPOSAL CHUTES, OVERHEAD PROTECTION, SAFETY RAILINGS, LADDERS, SIGNAGE, ETC.
 - THE FACILITY MUST REMAIN OPERATIONAL DURING THE ROOF REPLACEMENT WORK.
 - IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE WORK AREA IS WATERTIGHT AT ALL TIMES. CONTRACTOR TO INSTALL ALL PROTECTIVE MEASURES DEEMED NECESSARY TO PREVENT WATER INFILTRATION INTO THE BUILDING DURING CONSTRUCTION.
 - CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL BY THE CONSULTANT PRIOR TO ORDERING MATERIAL.
 - CONTRACTOR IS RESPONSIBLE TO VERIFY EXISTING SITE CONDITIONS BEFORE TENDER CLOSES. CONTRACTOR IS EXPECTED TO CARRY OUT ANY NECESSARY MODIFICATIONS TO INSTALL THE NEW IGUS. NO EXTRAS WHATSOEVER WILL BE ENTERTAINED FOR ANY ADDITIONAL WORK DUE TO SITE CONDITIONS NOT NOTED IN THE DOCUMENTS.

- Drawing Notes
- All drawings, plans, models, designs, specifications and other documents prepared by Bold Engineering Inc. ("BOLD") and used in connection with this project are instruments of service for the work shown in them (the "Work") and as such are and remain the property of BOLD whether the Work is executed or not, and BOLD reserves the copyright in them and in the Work executed from them, and they shall not be used for any other work or project.
 - These drawings are "design drawings" only. They may not be suitable for use as shop drawings. Use of these drawings as base drawings for "shop drawings" is not permitted unless written permission containing certain conditions and limitations is obtained from BOLD.
 - The work "as constructed" may vary from what is shown on these drawings. Use of these drawings is limited to that identified in the Issued/Revision column. Do not construct from these drawings unless marked "Issued for Construction" by BOLD in the Issued/Revision column, and then only for the parts noted. The drawings shall not be used for "pricing" / "costing" or "tender" unless so not complete and any prices based on such drawings must allow for this.

No.	Revision	Date	By
3.	ISSUED FOR ADDENDUM	2024-05-03	CS
2.	ISSUED FOR TENDER	2024-03-29	CS
1.	ISSUED FOR REVIEW	2024-02-14	CS

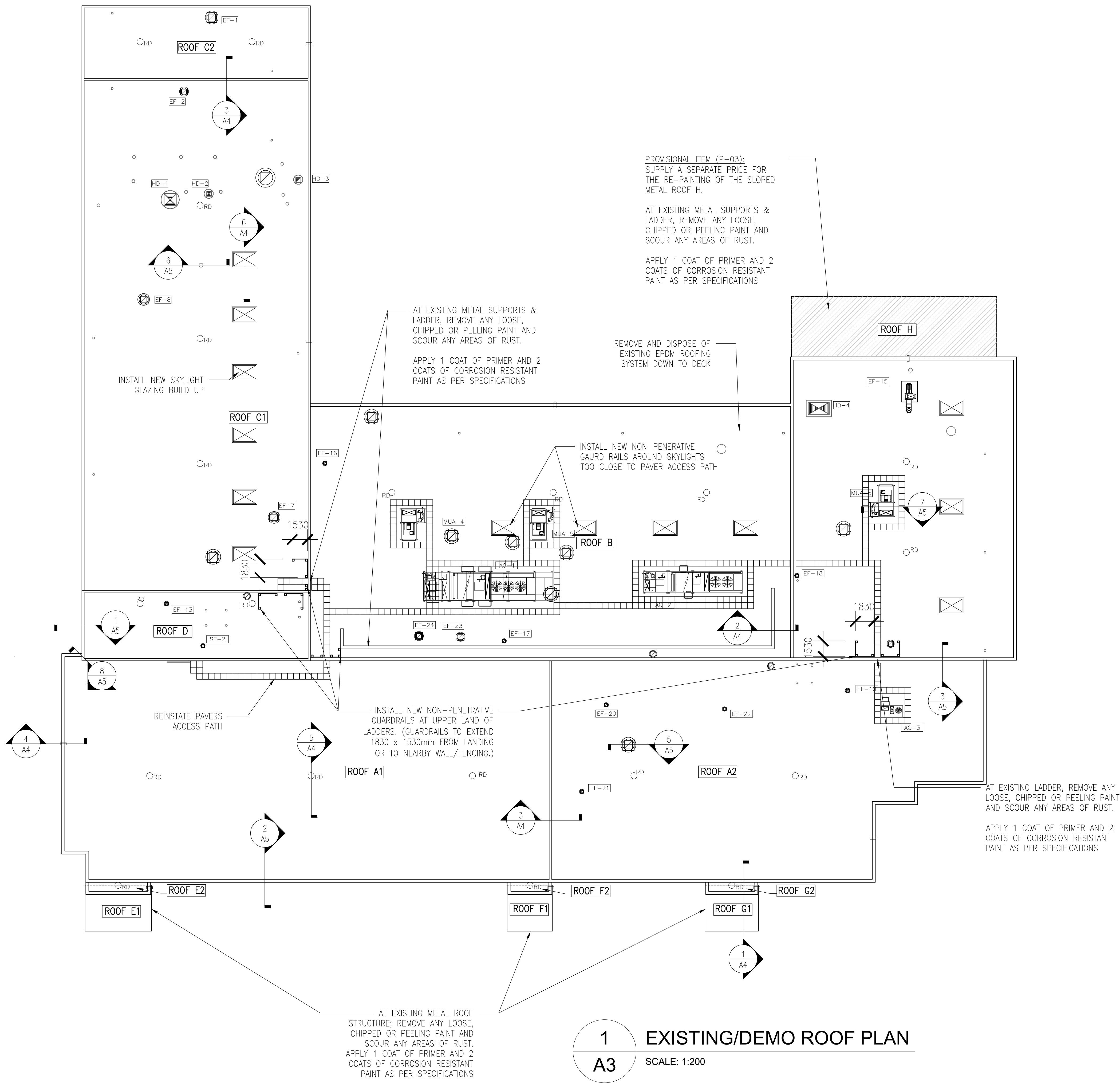
BOLD engineering
 Bold Engineering Inc.
 2778 Dufferin Street, Suite 104
 Toronto, Ontario, M6B 3R7
 Canada
 Tel: 416-556-0766
 Fax: 1-866-876-5758
 www.boldengineering.ca

Project Name
**WOODLANDS OPERATIONS CENTER
 ROOF REPLACEMENT**
 1179 BRONTE RD, OAKVILLE, ON
 Sheet Title
EXISTING/DEMO ROOF PLAN

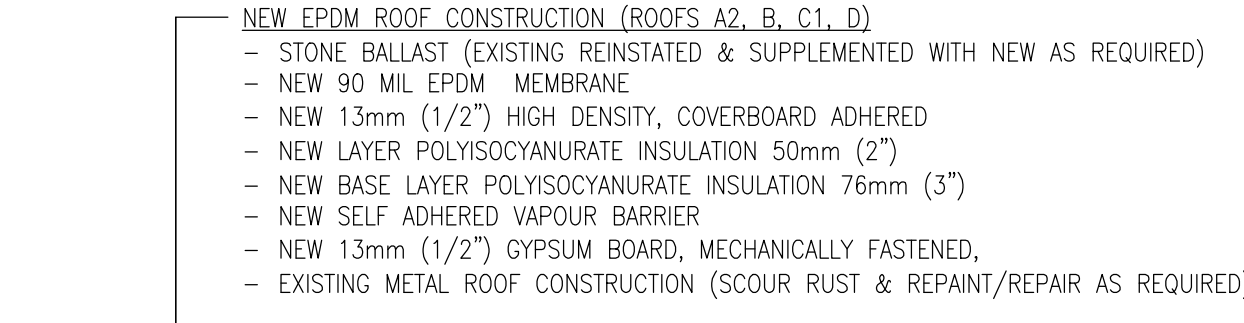
Drawn By AE/CS Scale As Shown
 Designed By CS Date May. 3rd, 2024
 Project Number T-683-24
 Sheet Number Revision
A2 **3**

Drawing Notes

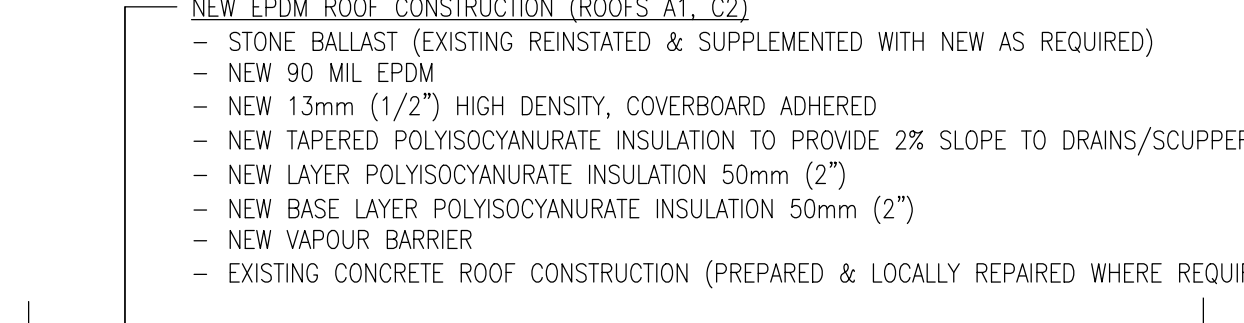
- All drawings, plans, models, designs, specifications and other documents prepared by Bold Engineering Inc. ("BOLD") and used in connection with this project are instruments of service for the work shown in them (the "Work") and as such are and remain the property of BOLD whether the Work is executed or not, and BOLD reserves the copyright in them and in the Work executed from them, and they shall not be used for any other work or project.
- These drawings are "design drawings" only. They may not be suitable for use as shop drawings. Use of these drawings as base drawings for "shop drawings" is not permitted unless written permission containing certain conditions and limitations is obtained from BOLD.
- The work "as constructed" may vary from what is shown on these drawings. Use of these drawings is limited to that identified in the Issued/Revision column. Do not construct from these drawings unless marked "Issued for Construction" by BOLD in the Issued/Revision column, and then only for the parts noted. The drawings shall not be used for "pricing" / "costing" or "tender" unless so not complete and any prices based on such drawings must allow for this.



1
A3 EXISTING/DEMO ROOF PLAN
SCALE: 1:200



2A
A3 PROPOSED ROOF ASSEMBLY (STEEL DECK)
SCALE: 1:8



2B
A3 PROPOSED ROOF ASSEMBLY (CONCRETE DECK)
SCALE: 1:8

No.	Revision	Date	By
3.	ISSUED FOR ADDENDUM	2024-05-03	CS
2.	ISSUED FOR TENDER	2024-03-29	CS
1.	ISSUED FOR REVIEW	2024-02-14	CS

BOLD engineering
 Bold Engineering Inc.
 2778 Dufferin Street, Suite 104
 Toronto, Ontario, M6B 3R7
 Canada
 Tel: 416-556-0766
 Fax: 1-866-876-5758
 www.boldengineering.ca

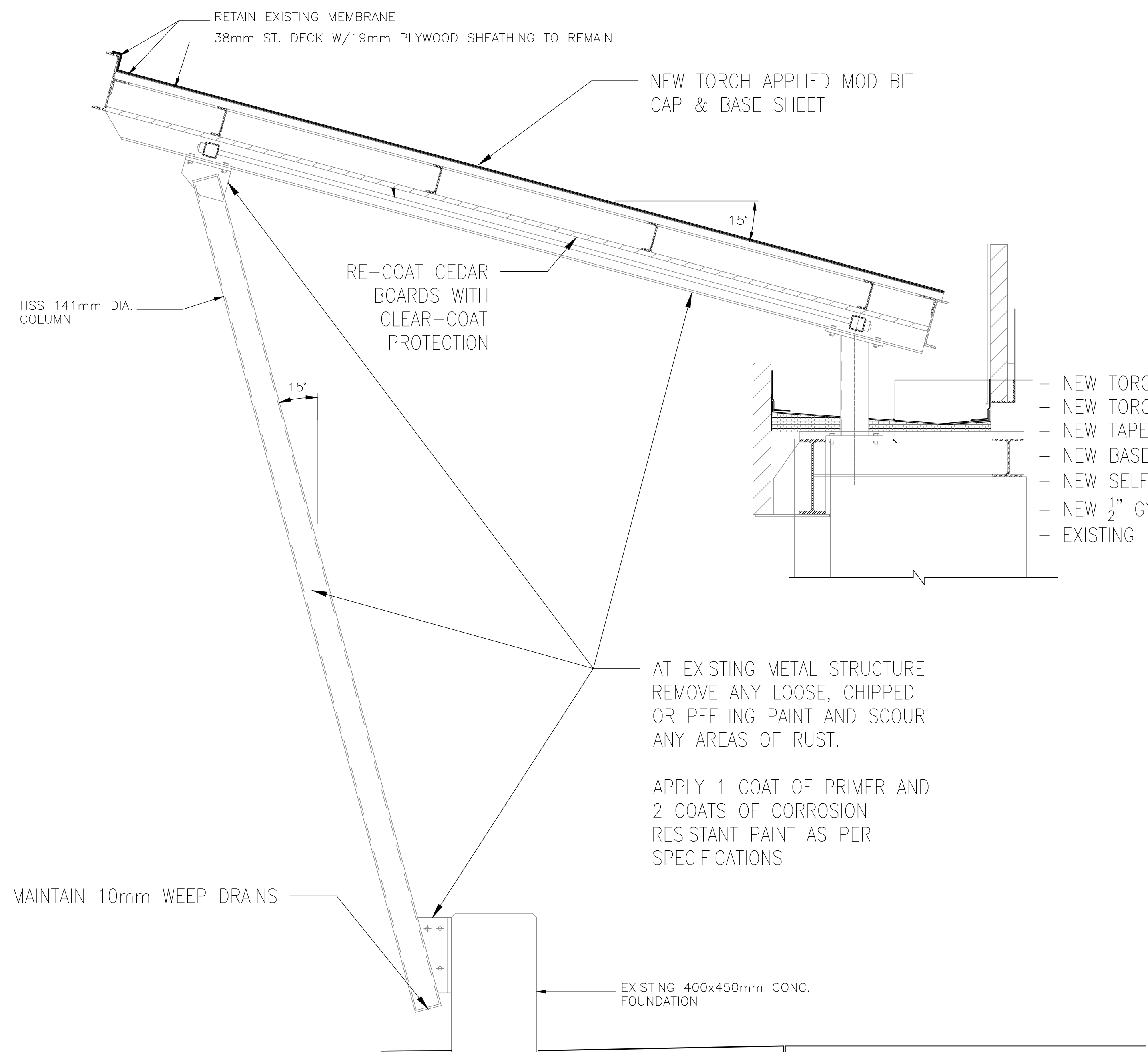
Project Name
**WOODLANDS OPERATIONS CENTER
 ROOF REPLACEMENT**

1179 BRONTE RD, OAKVILLE, ON
 Sheet Title

PROPOSED ROOF PLAN

Drawn By AE/CS Scale As Shown
 Designed By CS Date May. 3rd, 2024
 Project Number **T-683-24**

Sheet Number	Revision
A3	3

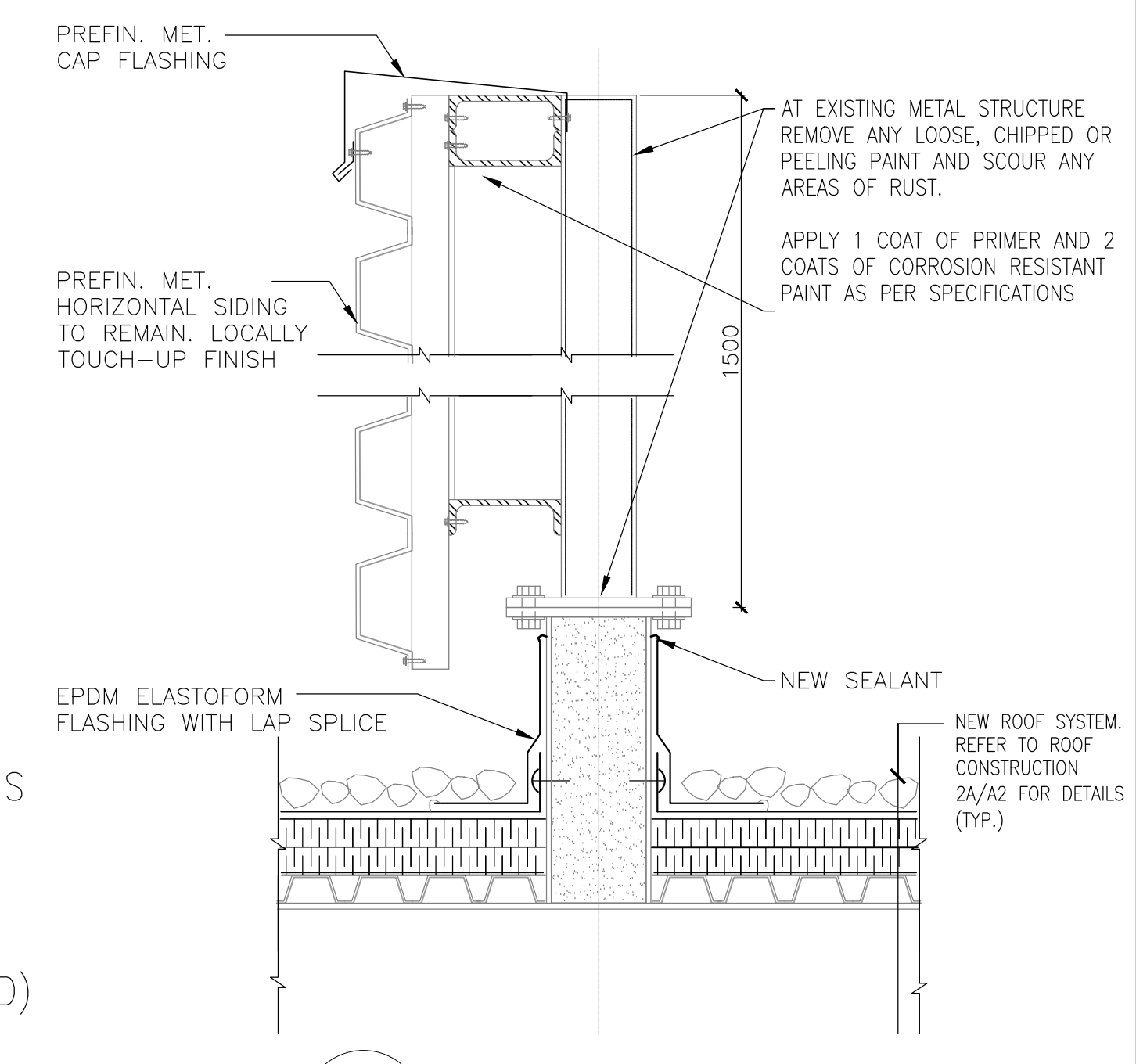


1 OVERHANG ROOF ASSEMBLY DETAIL
A4 SCALE: 1:16

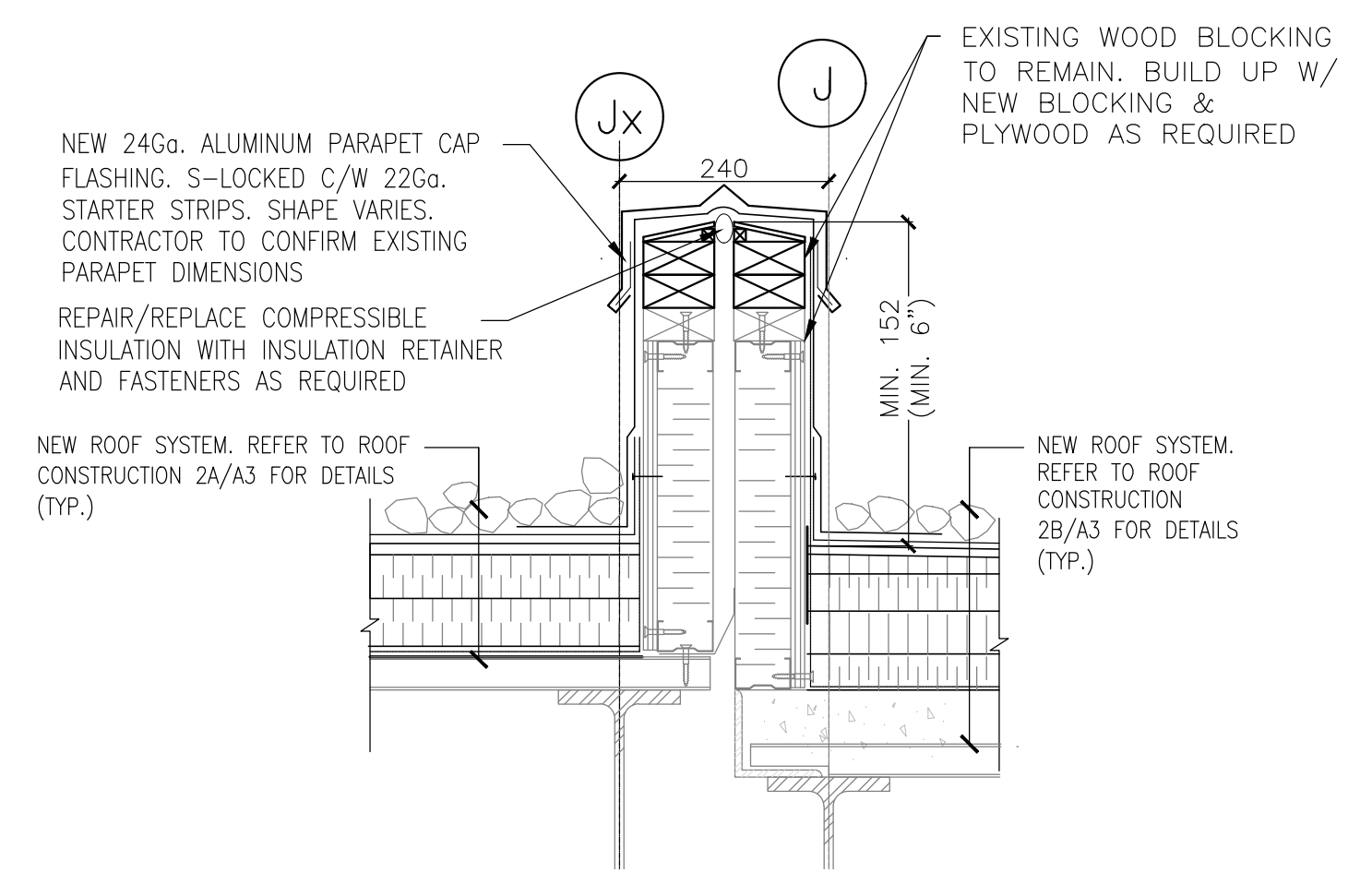
- NEW TORCH APPLIED MOD BIT. CAP SHEET
- NEW TORCH APPLIED MOD BIT BASE SHEET
- NEW TAPERED POLYISOCYANURATE TO PROVIDE 2% SLOPE TO DRAINS
- NEW BASE LAYERS OF POLYISOCYANURATE 114 mm (4.5")
- NEW SELF ADHERED VAPOUR BARRIER
- NEW 1/2" GYPSUM BOARD, MECHANICALLY FASTENED
- EXISTING METAL ROOF DECK (SCOUR RUST & REPAINT AS REQUIRED)

AT EXISTING METAL STRUCTURE REMOVE ANY LOOSE, CHIPPED OR PEELING PAINT AND SCOUR ANY AREAS OF RUST.

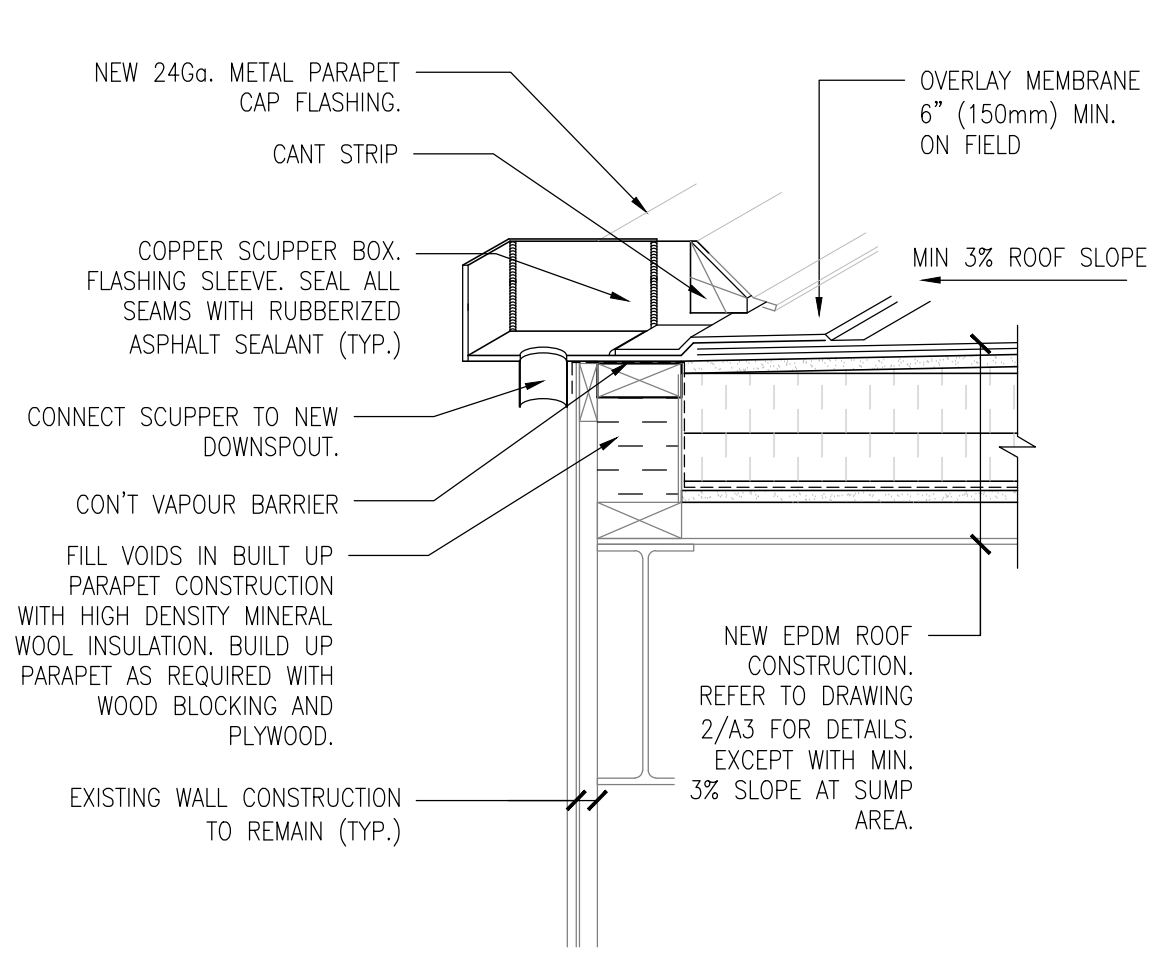
APPLY 1 COAT OF PRIMER AND 2 COATS OF CORROSION RESISTANT PAINT AS PER SPECIFICATIONS



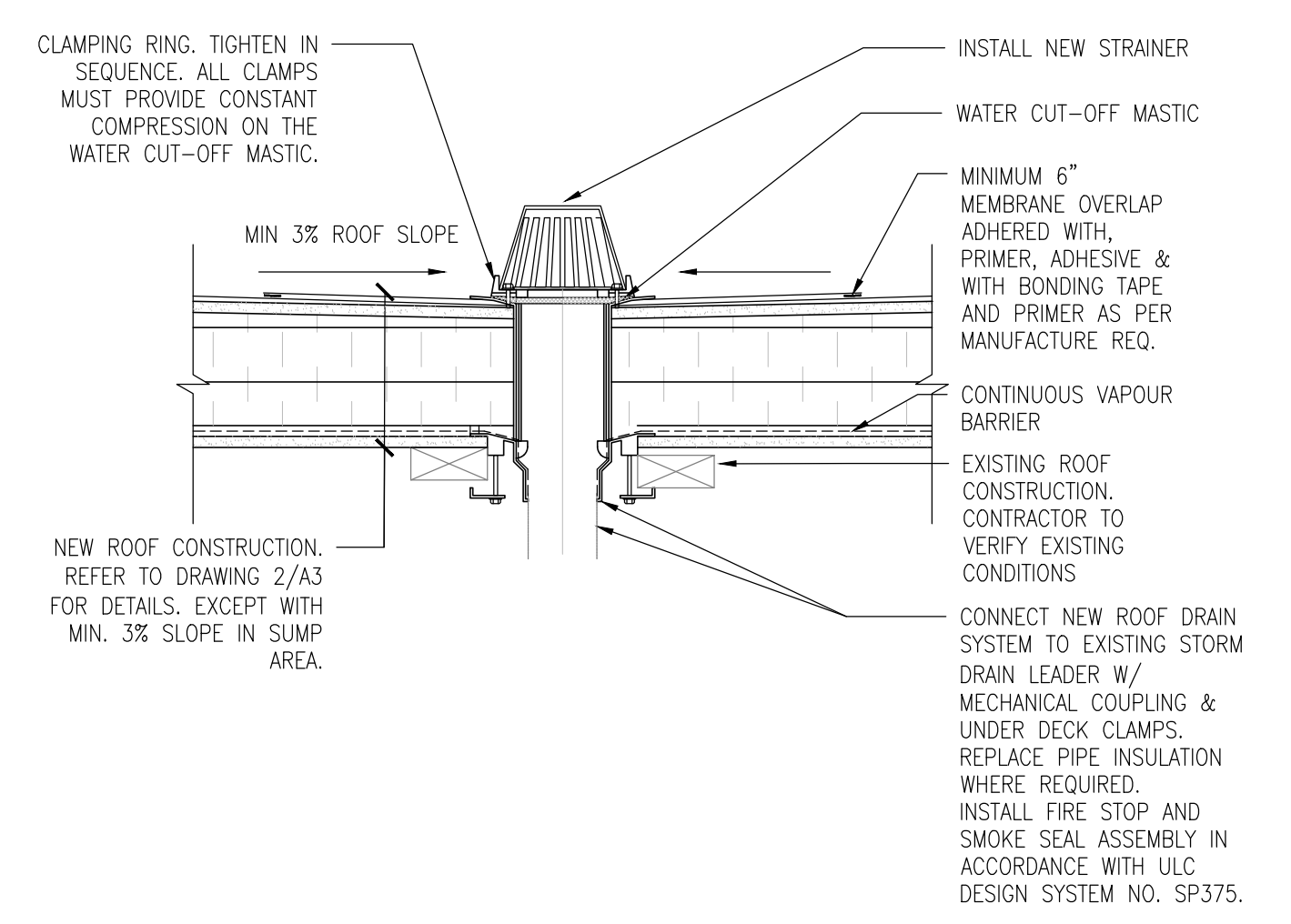
2 STRUCTURAL SUPPORT DETAIL
A4 SCALE: 1:8



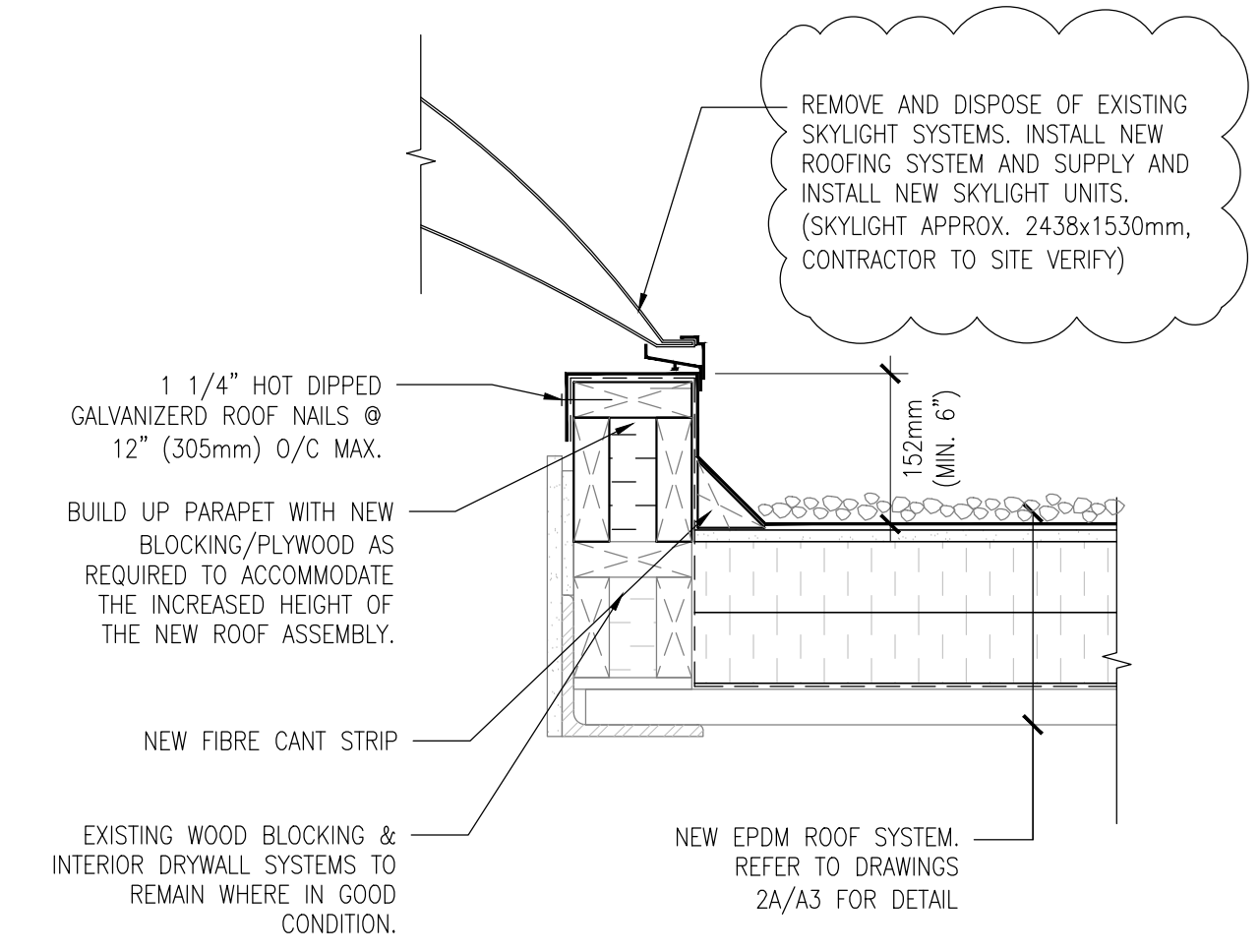
3 EXPANSION JOINT DETAIL (TYP.)
A4 SCALE: 1:8



4 SCUPPER DETAIL
A4 SCALE: 1:8



5 DRAIN DETAIL
A4 SCALE: 1:8



6 SKYLIGHT DETAIL
A4 SCALE: 1:8

- Drawing Notes**
1. All drawings, plans, models, designs, specifications and other documents prepared by Bold Engineering Inc. ("BOLD") and used in connection with this project are instruments of service for the work shown in them (the "Work") and as such are and remain the property of BOLD whether the Work is executed or not, and BOLD reserves the copyright in them and in the Work executed from them, and they shall not be used for any other work or project.
 2. These drawings are "design drawings" only. They may not be suitable for use as shop drawings. Use of these drawings as base drawings for "shop drawings" is not permitted unless written permission containing certain conditions and limitations is obtained from BOLD.
 3. The work "as constructed" may vary from what is shown on these drawings. Use of these drawings is limited to that identified in the Issued/Revision column. Do not construct from these drawings unless marked "Issued for Construction" by BOLD in the Issued/Revision column, and then only for the parts noted. The drawings shall not be used for "pricing" / "costing" or "tender" unless so not complete and any prices based on such drawings must allow for this.

No.	Revision	Date	By
3.	ISSUED FOR ADDENDUM	2024-05-03	CS
2.	ISSUED FOR TENDER	2024-03-29	CS
1.	ISSUED FOR REVIEW	2024-02-14	CS

BOLD
engineering

Bold Engineering Inc.
2778 Dufferin Street, Suite 104
Toronto, Ontario, M6B 3R7
Canada

Tel: 416-556-0766
Fax: 1-866-876-5758
www.boldengineering.ca

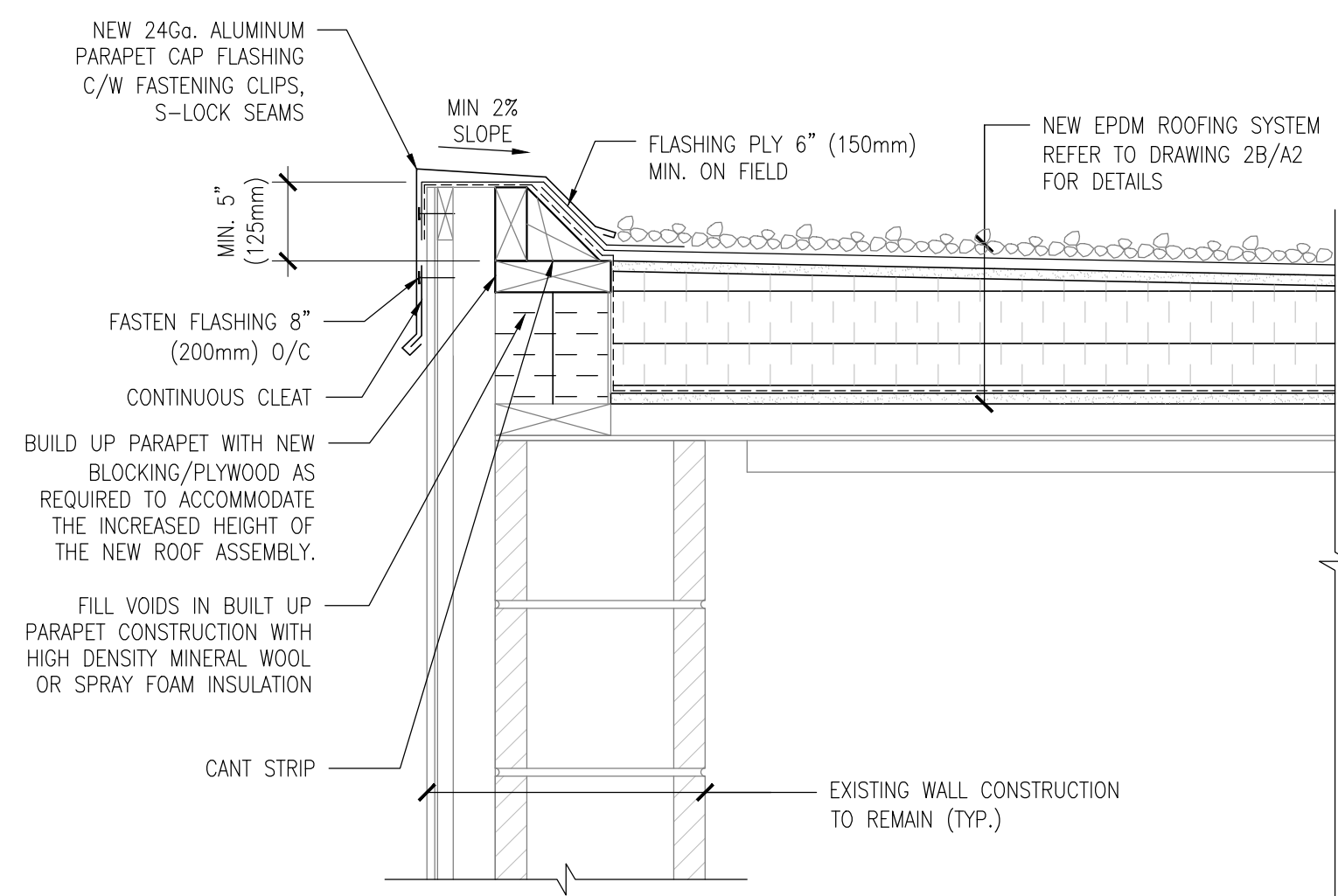
Project Name
**WOODLANDS OPERATIONS CENTER
ROOF REPLACEMENT**

1179 BRONTE RD, OAKVILLE, ON
Sheet Title

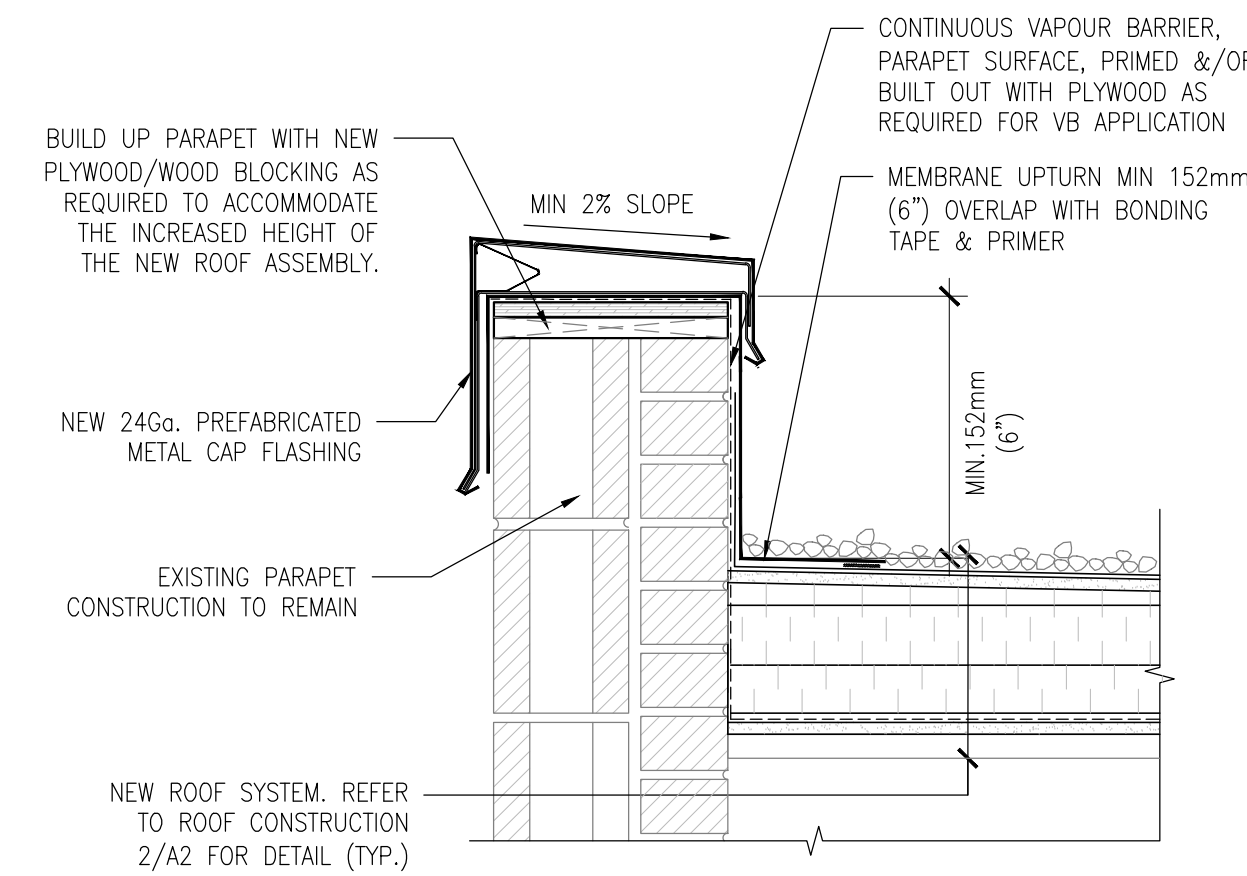
ROOF DETAILS

Drawn By AE/CS Scale As Shown
Designed By CS Date May. 3rd, 2024
Project Number T-683-24

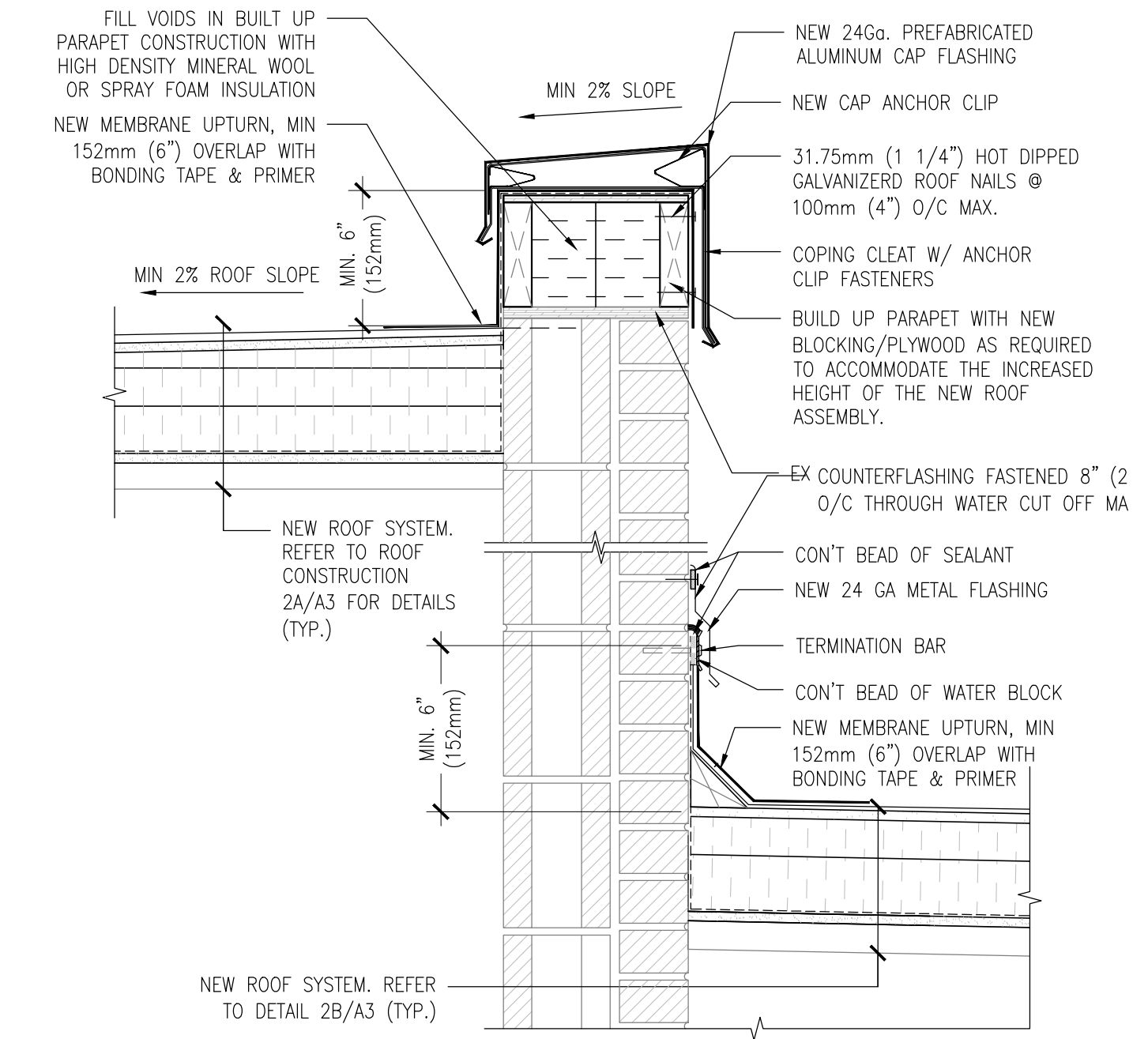
Sheet Number **A4** Revision **3**



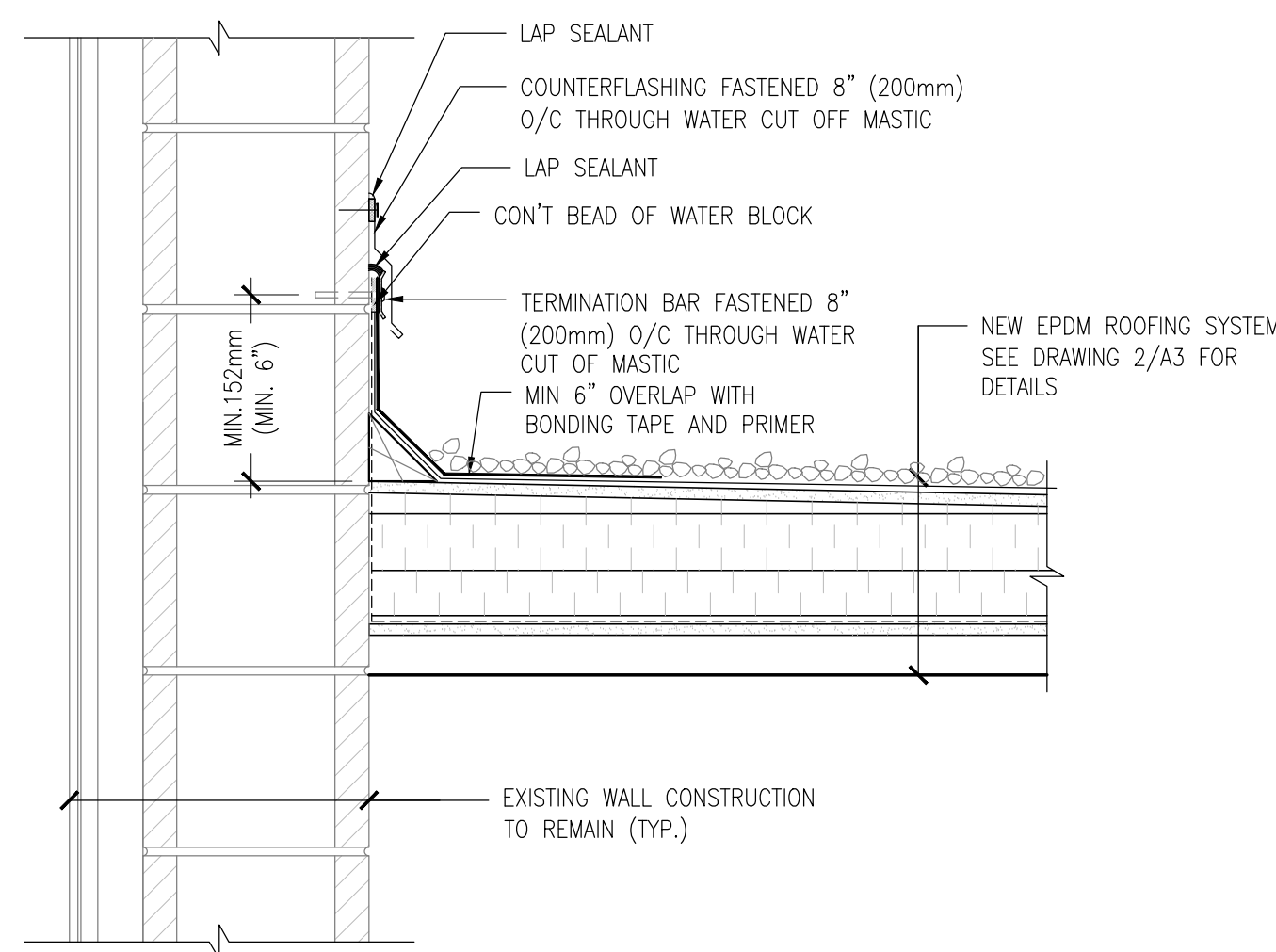
1 PARAPET DETAIL
A5 SCALE: 1:8



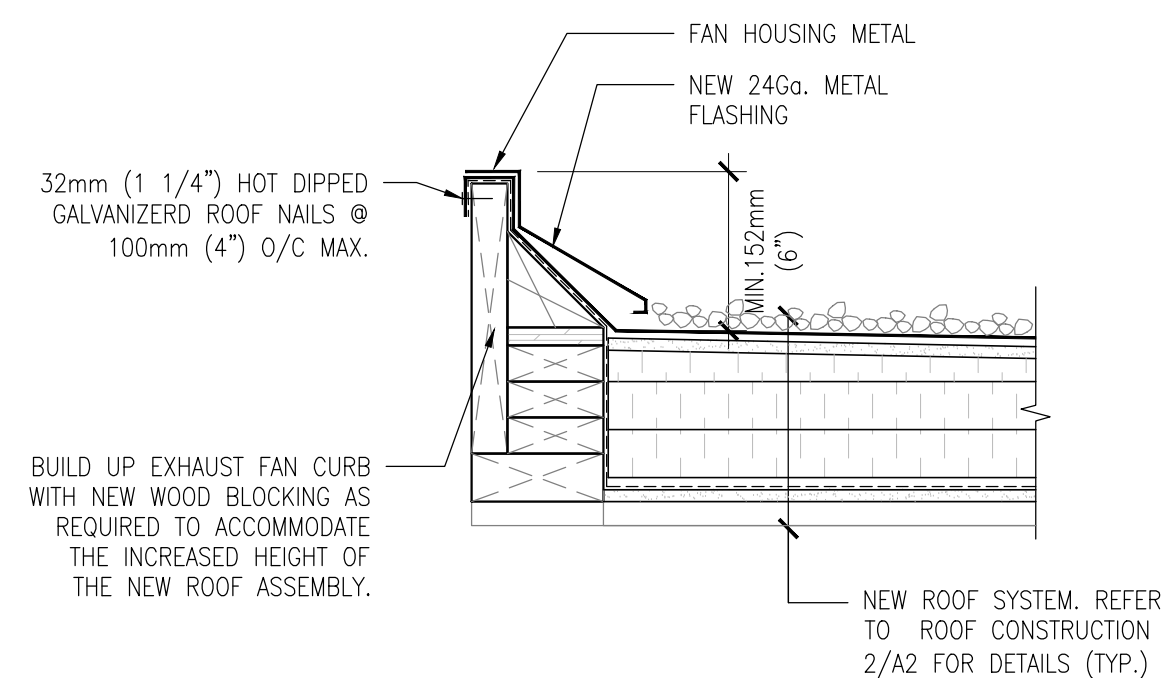
2 PARAPET DETAIL
A5 SCALE: 1:8



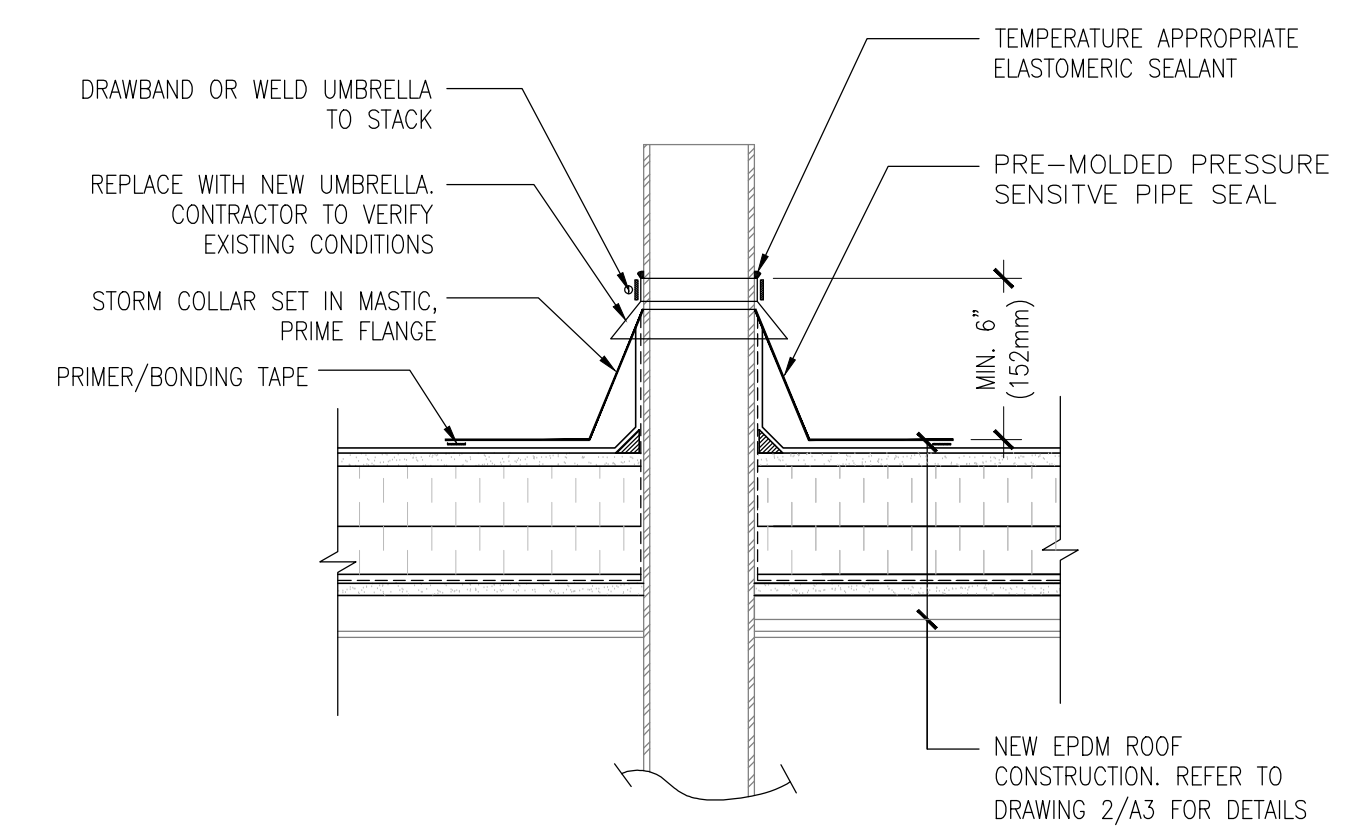
3 PARAPET DETAIL
A5 SCALE: 1:8



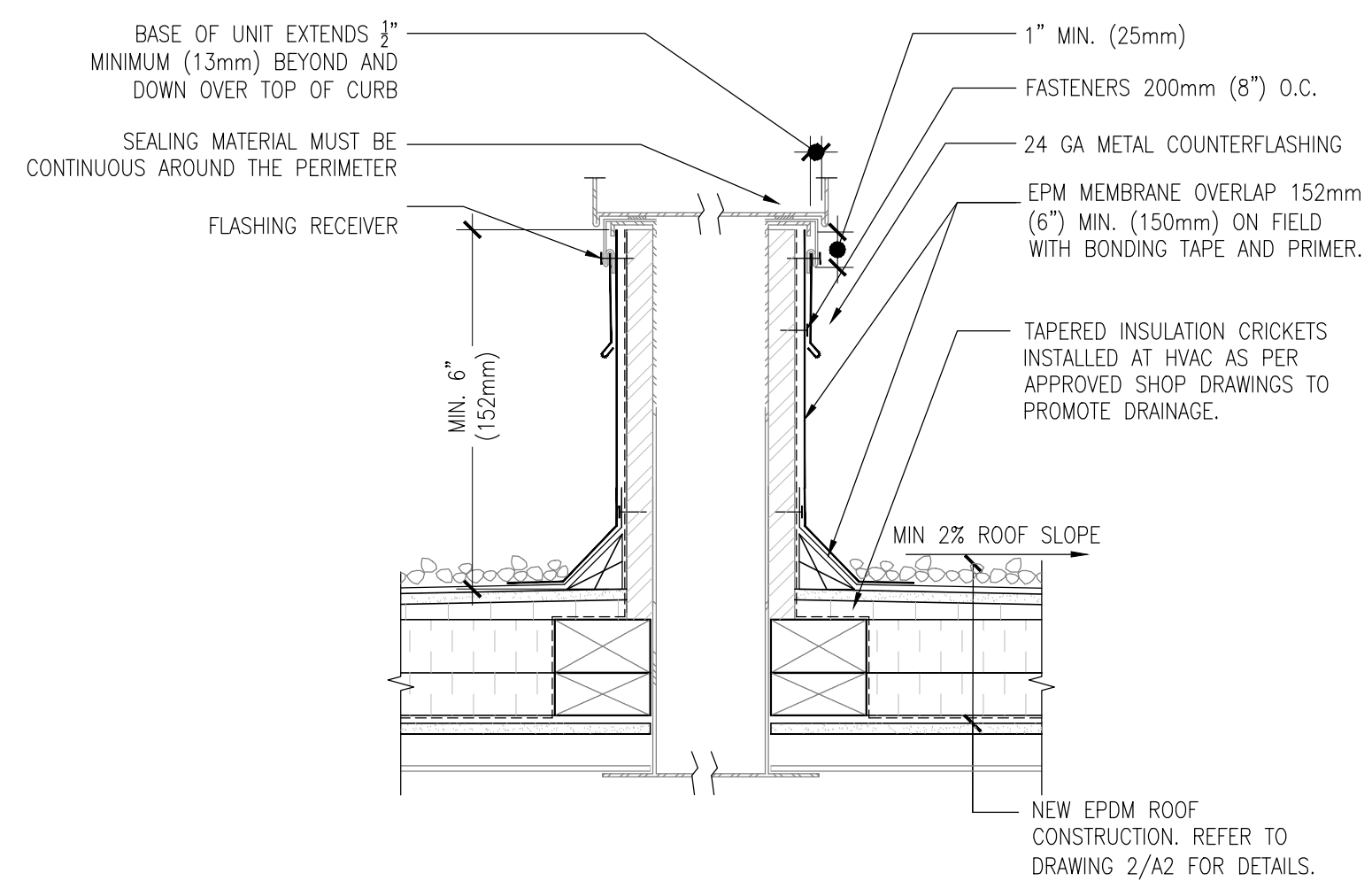
4 ROOF TERMINATION AT WALL
A5 SCALE: 1:8



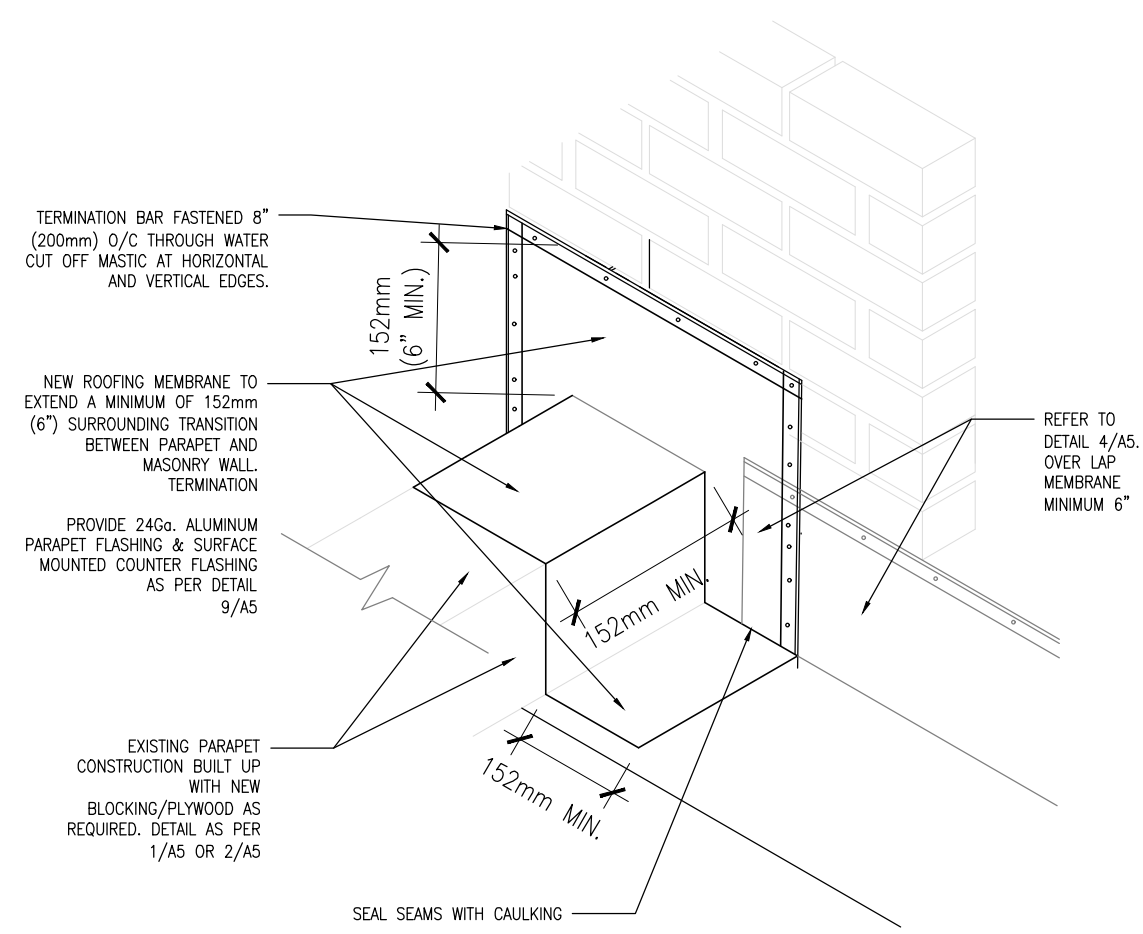
5 EXHAUST FAN DETAIL (TYP.)
A5 SCALE: 1:8



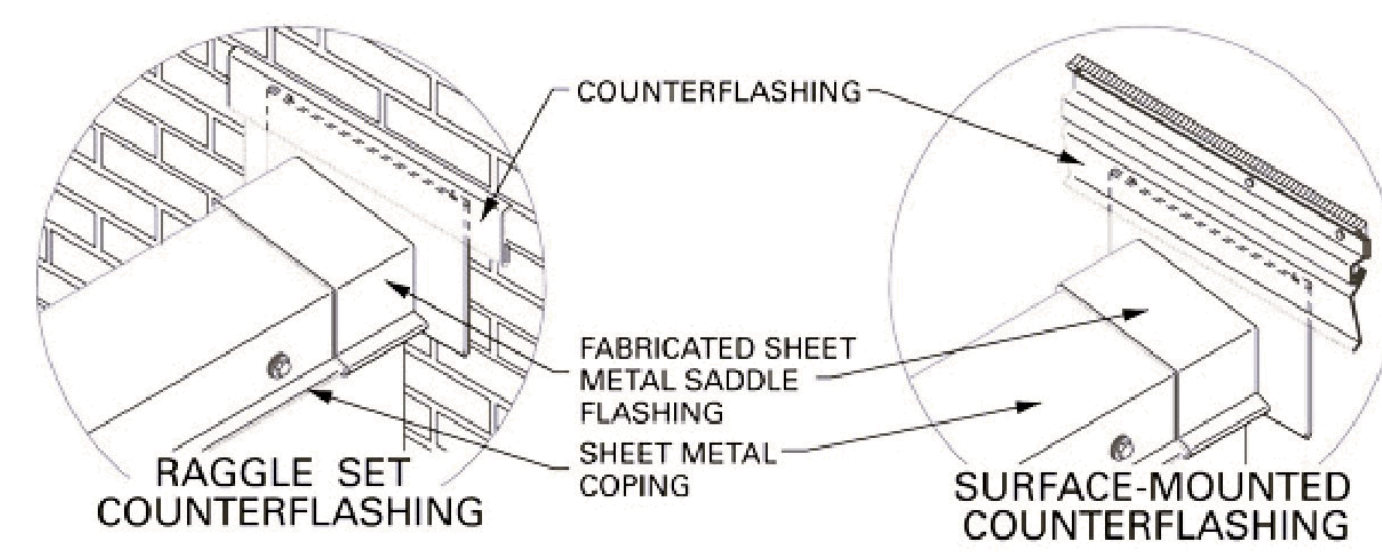
6 ROOF PENETRATION DETAIL (TYP.)
A5 SCALE: 1:8



7 ROOFTOP UNIT CURB DETAIL (TYP.)
A5 SCALE: 1:8



8 PARAPET TRANSITION MEMBRANE DETAIL
A5 SCALE: N.T.S.



9 PARAPET TRANSITION FLASHING DETAIL
A5 SCALE: N.T.S.

Drawing Notes

- All drawings, plans, models, designs, specifications and other documents prepared by Bold Engineering Inc. ("BOLD") and used in connection with this project are instruments of service for the work shown in them (the "Work") and as such are and remain the property of BOLD whether the Work is executed or not, and BOLD reserves the copyright in them and in the Work executed from them, and they shall not be used for any other work or project.
- These drawings are "design drawings" only. They may not be suitable for use as shop drawings. Use of these drawings as base drawings for "shop drawings" is not permitted unless written permission containing certain conditions and limitations is obtained from BOLD.
- The work "as constructed" may vary from what is shown on these drawings. Use of these drawings is limited to that identified in the Issued/Revision column. Do not construct from these drawings unless marked "Issued for Construction" by BOLD in the Issued/Revision column, and then only for the parts noted. The drawings shall not be used for "pricing" / "costing" or "tender" unless so not complete and any prices based on such drawings must allow for this.

No.	Revision	Date	By
3.	ISSUED FOR ADDENDUM	2024-05-03	CS
2.	ISSUED FOR TENDER	2024-03-29	CS
1.	ISSUED FOR REVIEW	2024-02-14	CS

BOLD engineering
 Bold Engineering Inc.
 2778 Dufferin Street, Suite 104
 Toronto, Ontario, M6B 3R7
 Canada
 Tel: 416-556-0766
 Fax: 1-866-876-5758
 www.boldengineering.ca

Project Name
**WOODLANDS OPERATIONS CENTER
 ROOF REPLACEMENT**

1179 BRONTE RD. OAKVILLE, ON
 Sheet Title

ROOF DETAILS

Drawn By AE/CS Scale As Shown
 Designed By CS Date May, 3rd, 2024
 Project Number T-683-24

Sheet Number Revision
A5 3