

STRUCTURAL DRAWING LIST			
S0.0	GENERAL NOTES & KEY PLAN	S5.0	TYPICAL DETAILS
SD1.0	DEMOLITION ROOF FRAMING PLAN	SS.1	ROOFING TYPICAL DETAILS
S1.0	NEW ROOF FRAMING PLAN		
S1.1	NEW ROOF PLAN		
SD2.0	DEMOLITION SECTION AND ELEVATION VIEWS		
S2.0	NEW SECTION AND ELEVATION VIEWS		
S3.0	SECTION PLANS		

- ### GENERAL NOTES
- THE GENERAL NOTES MUST BE READ IN CONJUNCTION WITH THE DESIGN DRAWINGS AND SPECIFICATIONS OF ENGINEERING AND ARCHITECTURAL DISCIPLINES WHICH FORM PART OF THIS CONTRACT. THIS INCLUDES DRAWING SPECIFICATIONS AND SKETCHES. SHOULD THERE BE CONTRADICTIONARY INFORMATION BETWEEN DRAWINGS, SKETCHES AND SPECIFICATIONS, THE ONE WHICH IS MOST STRINGENT TAKES PRECEDENCE.
  - REFER TO ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR LOCATION AND SIZE OF OPENINGS, TRENCHES, PITS, EQUIPMENT, SLEEVES, DEPRESSIONS, GROOVES AND CHAMFERS NOT INDICATED ON STRUCTURAL DRAWINGS.
  - UNLESS SPECIFICALLY NOTED OTHERWISE ON THE DRAWINGS, NO PROVISION HAS BEEN MADE IN THE DESIGN FOR CONDITIONS OCCURRING DURING CONSTRUCTION. THE CONTRACTOR IS TO PROVIDE ALL NECESSARY BRACING AND SHORING REQUIRED FOR STRESSES AND INSTABILITY OCCURRING FROM ANY CAUSE DURING CONSTRUCTION. THE CONTRACTOR SHALL ACCEPT FULL RESPONSIBILITY FOR ALL SUCH MEASURES. IT SHALL ALSO BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL NECESSARY BRACING, SHORING, SHEET PILING OR OTHER TEMPORARY SUPPORTS TO SAFEGUARD ALL EXISTING OR ADJACENT STRUCTURES AFFECTED BY THE WORK.
  - ALL CONNECTIONS CONNECTED TO EXISTING STRUCTURE ARE TO BE SITE VERIFIED.
  - REVIEW OF SHOP DRAWINGS BY STRUCTURAL CONSULTANT IS ONLY TO ASSESS THAT SUBMITTED SHOP DRAWINGS REFLECT THE INTENT OF THE STRUCTURAL DESIGN.
  - REVIEW BY THE STRUCTURAL CONSULTANT SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE WORK IS COMPLETE, ACCURATE AND IN CONFORMITY WITH THE STRUCTURAL DRAWINGS AND SPECIFICATIONS.
  - TYPICAL DETAILS SHALL BE USED WHERE SPECIFIC DETAILS ARE NOT SHOWN ON THE DRAWINGS.
  - ALL WORK REQUIRED, INCLUDING ANY DEMOLITION, SHALL BE CARRIED OUT IN A MANNER THAT WILL NOT DAMAGE THE EXISTING SITE OR STRUCTURE. ANY DAMAGE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
  - ALL DESIGN, DETAILING, CONSTRUCTION, EXCAVATION AND SHORING, MUST CONFORM TO THE PRESENT ONTARIO BUILDING CODE, OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS LATEST EDITION. ALL ASSOCIATED COST WITH THE DESIGN, SUPPLY AND INSTALLATION OF TEMPORARY SHORING IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. GENERAL CONTRACTOR TO PROVIDE STAMPED, ENGINEERED SHORING DRAWINGS.
  - THE GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE WORK OF ALL SUBCONTRACTORS.
  - THE GENERAL CONTRACTOR MUST REVIEW ALL DIMENSIONS PRIOR TO THE COMMENCEMENT OF ALL WORK AND MUST REPORT ALL DISCREPANCIES TO THE ENGINEER/ARCHITECT.
  - STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE ARCHITECTURAL, CIVIL, MECHANICAL AND ELECTRICAL DRAWINGS.
  - PROVIDE STAMPED STRUCTURAL SHOP DRAWINGS AS NOTED IN THE FOLLOWING TABLE.
- | ITEMS                    | REQ'D SUBMITTALS? | ENGINEER'S STAMP REQ'D? | NOTES |
|--------------------------|-------------------|-------------------------|-------|
| STRUCT. STEEL SHOP DWGS. | YES               |                         |       |
| STEEL DECK SHOP DWGS.    | YES               |                         |       |
- PROJECTS WHICH INCLUDE ANY DEMOLITION AND OR RENOVATION WORK, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND EXISTING CONSTRUCTION. SHOULD A DISCREPANCY ON EITHER BE FOUND, REPORT FINDINGS TO ENGINEER/ARCHITECT.
  - ALL DETAILS SHOWN ARE SPECIFIC TO THE PROJECT. WHERE A LOCATION IS NOT SPECIFIED FOR A DETAIL, DETAILS IN THE DRAWINGS INCLUDING TYPICAL DETAILS WHICH CLOSELY RESEMBLES THE WORK, WILL APPLY.
  - ALL CODES AND REGULATIONS QUOTED ARE TO BE THE LATEST EDITION.

### TESTING AND INSPECTION

- THE FOLLOWING ITEMS REQUIRE TESTING OR INSPECTION BY A CERTIFIED INDEPENDENT TESTING OR INSPECTION AGENCY UNLESS NOTED OTHERWISE. THE AGENCY SHALL SEND COPIES OF ALL STRUCTURAL TESTING AND INSPECTION REPORTS TO THE ENGINEER FOR REVIEW.

ITEMS	REQ'D?	COMMENTS
STRUCTURAL STEEL	YES	INSPECTION OF ALL CONNECTIONS
ROOFING	YES	

- ### STEEL DECK
- STEEL DECK SHALL CONFORM TO S136 GRADE 230 WITH DEPTHS AND THICKNESSES AS INDICATED ON DRAWINGS.
  - DECK SHALL BE CONTINUOUS OVER A MINIMUM OF THREE SPANS WHERE POSSIBLE.
  - STEEL DECK FOR COMPOSITE SLABS SHALL BE COMPOSITE TYPE DECK.
  - UNLESS INDICATED OTHERWISE ON THE DRAWINGS FASTEN DECK TO SUPPORTS AS FOLLOWS:
    - 20mm DIA WELDS EVERY 2ND FLUTE AND EVERY 600mm (24") ALONG SIDES, OR,
    - HELT EN2K OR ENK NAILS EVERY FLUTE AND EVERY 600mm (24") ALONG THE SIDES,
    - WHEN USING SHEAR STUDS WELD EVERY THIRD FLUTE.
  - UNLESS INDICATED OTHERWISE ON THE DRAWINGS BUTTON PUNCH SIDE LAPS EVERY 600mm (24").
  - ALL EDGES OF DECK SHALL BE SUPPORTED WITH PERIMETER ANGLES WITH VERTICAL AND HORIZONTAL LEGS EQUAL TO THE DECK DEPTH, UNLESS OTHERWISE NOTED.
  - REINFORCE OPENINGS ACCORDING TO THE FOLLOWING TABLE:
 

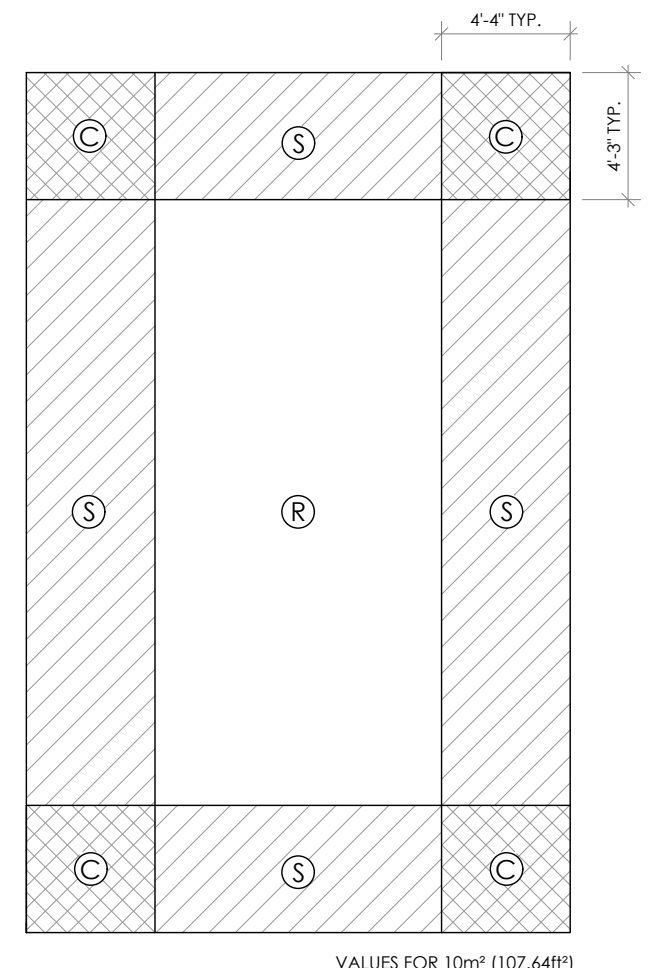
OPENING SIZE (MAX. DIMENSION)	REINFORCING
LESS THAN 150mm (6")	NO REINFORCING REQUIRED
150-300 mm (6"-12")	L51x51x6 (L2x1/4) WELDED TO U/S DECK (PERPENDICULAR TO SPAN) EXTENDING 450mm BEYOND OPENING ON EACH SIDE
300-450mm (12"-18")	L75x75x6 (L3x1/4) WELDED TO U/S DECK ALL AROUND OPENING AND EXTENDING 450mm (18") BEYOND OPENING ON EACH SIDE (PERPENDICULAR TO SPAN)

 OPENINGS LARGER THAN 450mm (18") OR OPENINGS CARRYING LOADS GREATER THAN 1.0 kN SHALL BE REINFORCED ACCORDING TO THE TYPICAL ROOF TOP SUPPORT DETAIL.
  - DECK SHALL OVERLAP A MINIMUM OF 50mm (2") AT ALL END JOISTS AND HAVE A MINIMUM BEARING LENGTH OF 50mm (2") ON ALL STRUCTURAL STEEL.
  - DECK WELDS SHALL BE TOUCHED UP WITH APPROVED PAINT BY THE DECK ERECTOR.
  - METAL DECK SHALL BE GALVANIZED STRUCTURAL STEEL SHEET FABRICATED AND ERECTED IN ACCORDANCE WITH CSSBI 10M-96 AND CAN3-S136.
  - PROTECT ROOF AND FLOOR DECK FROM DAMAGE DURING SHIPPING STORAGE AND ERECTION. CONTRACTOR SHALL REPLACE ANY PUNCTURED, DENTED OR WELD PERFORATED DECK.
  - STEEL DECK WORK SHALL INCLUDE THE SUPPLY AND INSTALLATION OF ALL SHEET STEEL ANGLES, COVER PLATES, CLOSURES, STIFFENERS AND ANY OTHER ACCESSORIES REQUIRED.

- ### DESIGN LOADS
- #### GRAVITY LOADS
- DEAD LOADS
- ROOFING AND (SUSPENDED) M/E 0.75kPa (15.66 psf)
- SNOW LOADS HAVE BEEN DETERMINED IN ACCORDANCE WITH THE O.B.C. USING THE FOLLOWING CRITERIA:
- $S_s = 1.3kPa$  (27.15 psf)  $S_r = 0.4kPa$  (8.35 lb = 1.15 (HIGH IMPORTANCE))
- REFER TO PLANS FOR SNOW PILE UP CONDITIONS.
- #### LATERAL LOADS
- WIND LOADS HAVE BEEN DETERMINED IN ACCORDANCE WITH THE O.B.C USING THE FOLLOWING CRITERIA:
- $q_{10} = 0.3 kPa$  (6.27 psf)  $q_{50} = 0.46 kPa$  (9.61 psf)  $I_w = 1.15$  (HIGH IMPORTANCE)

- ### UNIT MASONRY
- MASONRY DESIGN AND CONSTRUCTION SHALL CONFORM TO C.S.A. S304.1: MASONRY DESIGN FOR BUILDINGS C.S.A. A371: MASONRY CONSTRUCTION FOR BUILDINGS C.S.A. A165: CSA STANDARDS FOR CONCRETE MASONRY UNITS C.S.A. A179: MORTAR AND GROUT FOR UNIT MASONRY (LATEST EDITION)
  - ALL CONCRETE BLOCK SHALL HAVE A NET COMPRESSIVE STRENGTH OF 15 MPa (2200 PSI).
  - MASONRY WALLS SHALL HAVE TYPE S MORTAR.
  - GROUT SHALL BE IN ACCORDANCE WITH THE ABOVE NOTED STANDARDS.
  - PROVIDE THREE COURSES OF FULLY GROUTED MASONRY UNDER BEARING PLATES FOR STEEL BEAMS, UNLESS OTHERWISE NOTED.
  - PROVIDE LATERAL RESTRAINT AT THE TOP OF ALL NON-LOAD BEARING PARTITIONS. REFER TO TYPICAL DETAILS.
  - PROVIDE CONTROL JOINTS EVERY 7m AND AT ALL DISCONTINUITIES AND OPENINGS AND AS SHOWN ON THE ARCHITECTURAL DRAWINGS.
  - PROVIDE AND INSTALL HORIZONTAL REINFORCING IN ALL MASONRY WALLS, UNLESS INDICATED OTHERWISE ON DRAWINGS. PROVIDE 48mm GALVANIZED LADDER TYPE HORIZONTAL REINFORCING AT EVERY SECOND MORTAR JOINT IN MASONRY WALLS.
  - PROVIDE AND CONSTRUCT A SINGLE COURSE BOND BEAM AT THE TOP OF ALL NON BEARING WALLS. REINFORCE BOND BEAM WITH 2-10M CONTINUOUS. AT LOAD BEARING WALLS BOND BEAMS ARE 400mm DEEP WITH 2-15M CONTINUOUS.
  - PROVIDE 1-15M EVERY FOURTH CELL VERTICAL REINFORCEMENT. IN ALL LOAD BEARING AND NON-LOAD BEARING WALLS AND SHEAR WALLS UNLESS GREATER REINFORCEMENT IS INDICATED ON THE DRAWINGS.
  - PROVIDE ADDITIONAL REINFORCING TO MATCH WALL REINFORCING AT ALL CORNERS, OPENINGS AND BENEATH ALL BEARING PLATES AND LINTELS.
  - PROVIDE AND INSTALL LINTELS OVER ALL OPENINGS IN ACCORDANCE WITH THE TYPICAL LINTEL SCHEDULE OR AS SHOWN ON THE DRAWING.

- ### STRUCTURAL STEEL
- STRUCTURAL STEEL DESIGN, FABRICATION AND ERECTION SHALL CONFORM TO THE LATEST EDITION OF:
    - C.S.A. S16.1: LIMIT STATES DESIGN OF STEEL STRUCTURES
    - C.S.A. G40.20: GENERAL REQUIREMENTS FOR ROLLED OR WELDED STRUCTURAL QUALITY STEELS
    - C.S.A. G40.21: STRUCTURAL QUALITY STEELS
    - C.S.A. W59: WELDED STEEL CONSTRUCTION
    - C.S.A. S136: COLD FORMED STEEL STRUCTURAL MEMBERS
  - STRUCTURAL STEEL SHALL CONFORM TO G40.21 GRADE 350W FOR W SHAPES AND GRADE 300W FOR PLATES, ANGLES AND CHANNELS. SQUARE/RECTANGULAR HSS (HOLLOW STRUCT. SECTIONS) SHALL BE GRADE 350W, CLASS C. ROUND HSS SHALL BE ASTM A500 GRADE C.
  - UNLESS NOTED ON DRAWINGS, ALL BOLTS SHALL CONFORM TO A325 HIGH STRENGTH BOLTS IN BEARING M20 DIAMETER MINIMUM.
  - THE DESIGN OF BEAM SHEAR CONNECTIONS SHALL BE THE GREATER OF 50% OF THE BEAM SHEAR OR THE BEAM REACTION CALCULATED USING THE DESIGN LOADS SHOWN ON THE DRAWINGS. OR THE DESIGN SHEAR SHOWN. USE A MINIMUM OF TWO BOLTS.
  - WELDED CONNECTIONS SHALL BE UNDERTAKEN ONLY BY CERTIFIED WELDERS APPROVED BY C.W.B. TO THE REQUIREMENTS OF W47.1 DIVISION 1 AND 2. WELDING SHOULD BE DONE IN ACCORDANCE WITH W59. USE WELDING ELECTRODES WITH LOW HYDROGEN E490X OR APPROVED EQUAL.
  - SHOULD THE FABRICATOR ELECT TO USE AN ALTERNATE ELECTRODE, THE ALTERNATE ELECTRODE SHALL MEET THE INTENT OF THE CONNECTION DESIGN AND MUST BE CERTIFIED BY A LICENSED WELDING ENGINEER IN THE PROVINCE OF ONTARIO. THE COST OF THE CERTIFICATION MUST BE BOURN BY THE CONTRACTOR.
  - WHEN WELDING TO EXISTING STEEL OR FIELD WELDING NEW STEEL, THE LOCATION OF THE WELD MUST BE FREE OF PAINT AND PRIMER.
  - CONNECTIONS FOR BRACING MEMBERS MUST BE DESIGNED FOR THE FULL TENSILE STRENGTH OF THE MEMBER, UNLESS LOADS ARE OTHERWISE INDICATED ON THE DRAWINGS.
  - ALL EXTERIOR EXPOSED STEEL INCLUDING MISCELLANEOUS EMBEDDED PLATES SUPPORTING SHELF ANGLES AND SHELF ANGLES SHALL BE HOT DIPPED GALVANIZED.



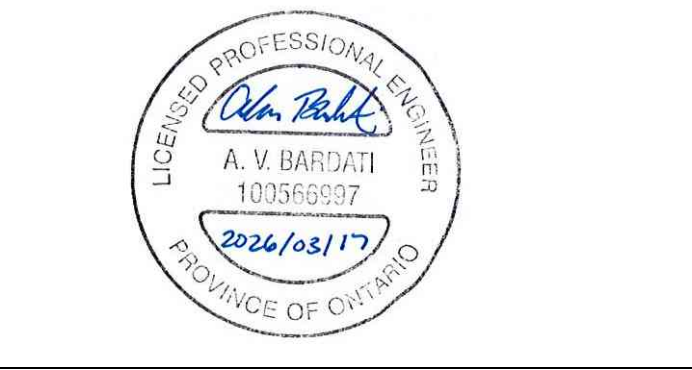
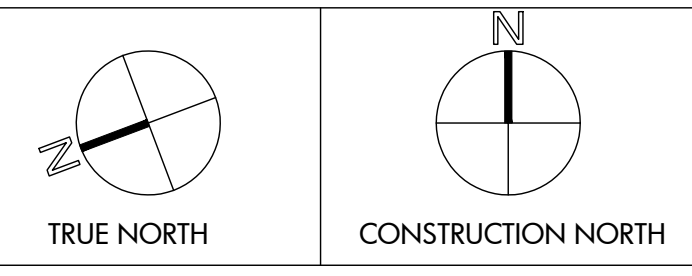
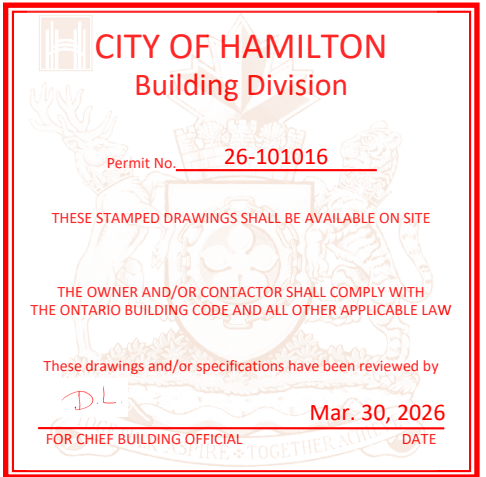
1 WIND UPLIFT DIAGRAM  
S0.0 SCALE: N.T.S.

### NET WIND UPLIFT PRESSURES

REGION	ULS (Iw=1.15)	SLS (Iw=0.75)
(R)	-1.20kPa (25.04psf)	-0.78kPa (16.29psf)
(S)	-1.50kPa (31.33psf)	-0.98kPa (20.47psf)
(C)	-1.50kPa (31.33psf)	-0.98kPa (20.47psf)



2 KEY PLAN  
S0.0 SCALE: N.T.S.



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NO.	ISSUED	DATE	BY
2.	ISSUED FOR PERMIT	2026-03-17	A.B.
1.	ISSUED FOR REVIEW	2026-02-13	A.B.



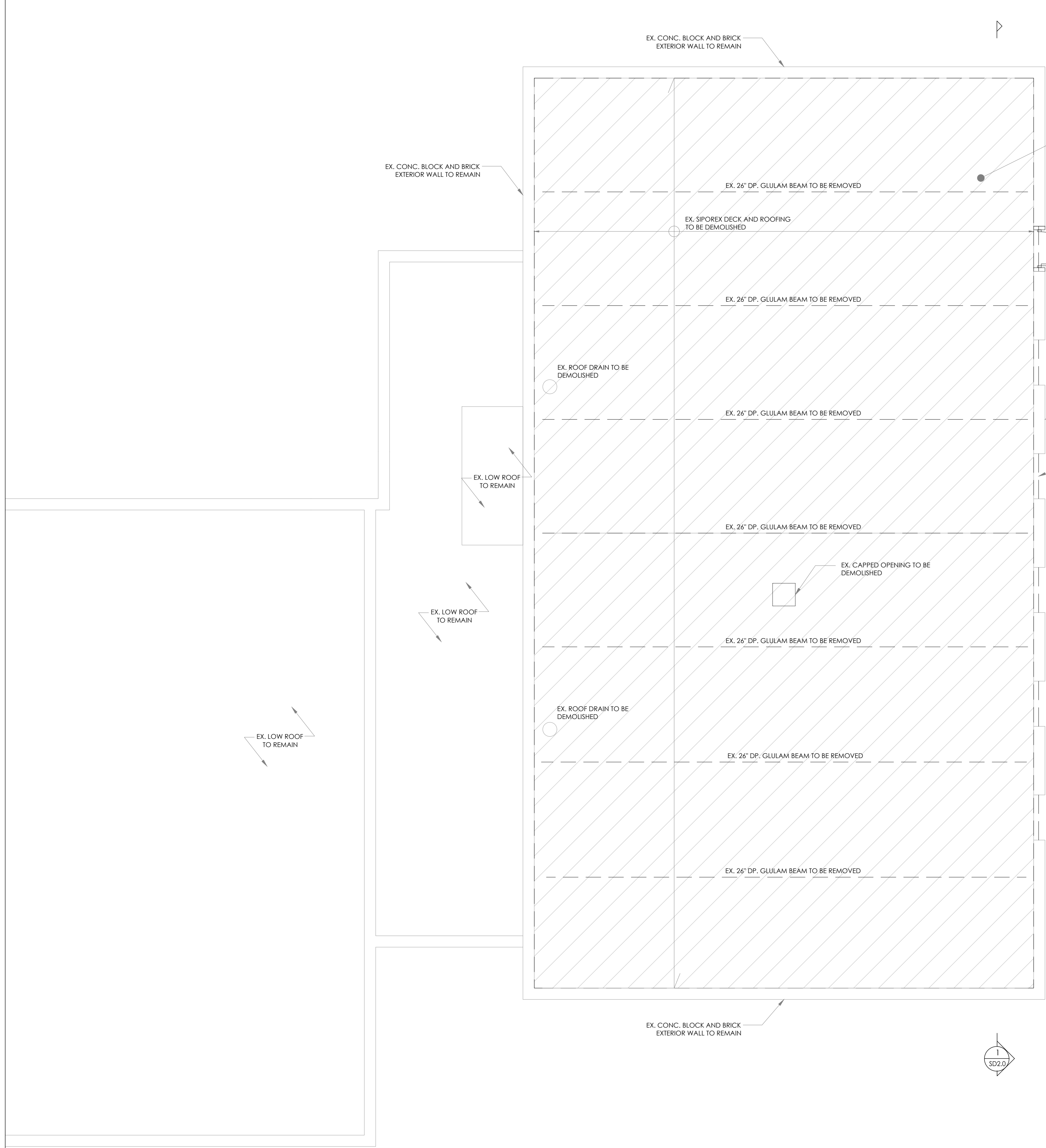
CLIENT  
HAMILTON-WENTWORTH  
CATHOLIC DISTRICT SCHOOL  
BOARD

PROJECT  
RAAC ROOF REMEDIATION AT  
ST. MARGARET MARY CES

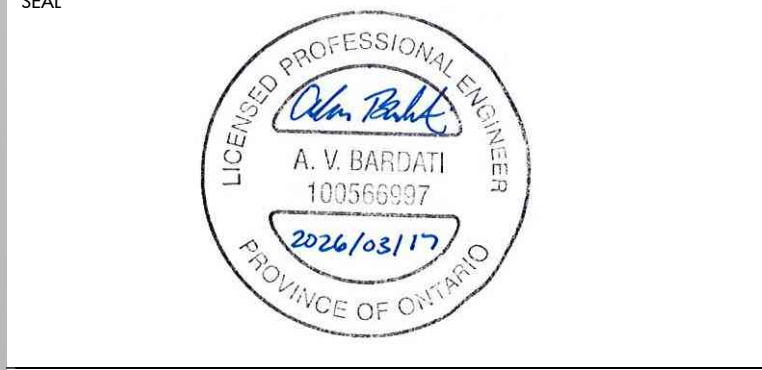
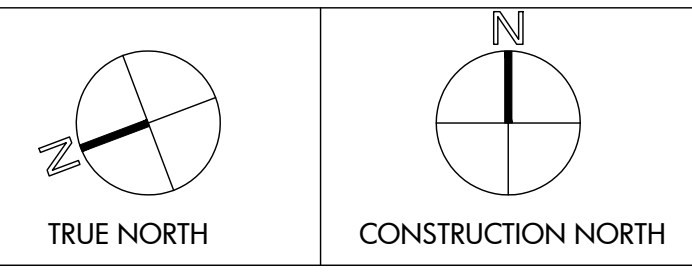
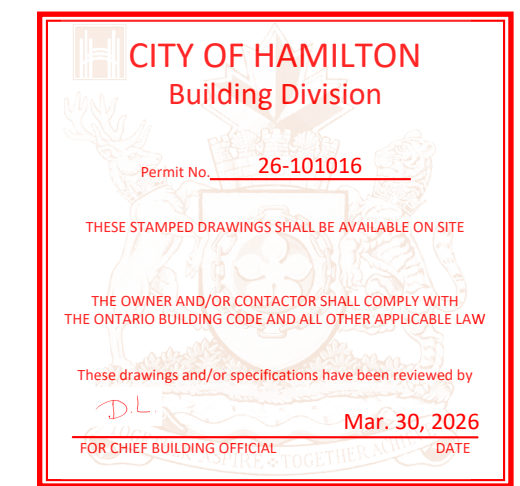
25 BRENTWOOD DR,  
HAMILTON, ON  
L8T 3V9

DRAWING TITLE:  
GENERAL NOTES & KEY PLAN

DRAWN BY:	SCALE:
M.F.	AS NOTED
CHECKED BY:	DRAWING NUMBER:
A.B.	S0.0
DATE:	PROJECT NUMBER:
JAN. 2026	25-146



- DEMOLITION NOTES**
1. THE GENERAL CONTRACTOR MUST REVIEW AND VERIFY ALL DIMENSIONS AND SITE CONDITIONS PRIOR TO THE COMMENCEMENT OF ALL WORK AND MUST REPORT ALL DISCREPANCIES TO THE ENGINEER.
  2. GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO KEEP ALL ACCESS AREAS CLEAN, REMOVE GARBAGE AND CLEAN DAILY AND AS REQUIRED UPON COMPLETION. THE GENERAL CONTRACTOR SHALL REMOVE ALL PROTECTIVE MATERIALS AFTER COMPLETION OF THE PROJECT. THE GENERAL CONTRACTOR SHALL ARRANGE A PROFESSIONAL CLEANING SERVICE TO CLEAN ALL SURFACES, INCLUDING WALLS, AND MILLWORK.
  3. PRIOR TO BEGINNING DEMOLITION WORK, ADEQUATE FLOOR PROTECTION TO PREVENT ANY WATER DAMAGE, SCRATCHES, MARKINGS, AND ANY OTHER DAMAGE TO THE EXISTING GYM FLOOR, PROTECT BASKETBALL NETS FROM ANY DAMAGE DURING CONSTRUCTION.
  4. REMOVE ALL CEILING MOUNTED LIGHTS, DUCTWORK, AND FANS PRIOR TO DEMOLITION. STORE AND PROTECT THROUGHOUT THE DURATION OF THE PROJECT. REINSTATE AFTER NEW ROOF INSTALLED.
  5. EXISTING ROOF COMPOSITION BASED ON ROOF REPORT COMPLETED BY IRC BUILDING SCIENCES DATED FEB 25, 2019:
    - SIPOREX DECK
    - 2 PLY #15 FELT VAPOUR RETARDER
    - 1 1/2" POLYISOCYANURATE INSULATION
    - TAPERED FIBREGLASS INSULATION
    - 4 PLY ASPHALT B.U.R. MEMBRANE
    - PEA GRADE GRAVEL
  6. PROVIDE TEMPORARY BRACING OF WALLS PRIOR TO REMOVAL OF ROOF/BEAMS AND KEEP IN PLACE UNTIL NEW BEAMS/DECK HAVE BEEN INSTALLED.



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**Hamilton-Wentworth Catholic District School Board**  
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HAMILTON-WENTWORTH CATHOLIC DISTRICT SCHOOL BOARD

PROJECT:  
RAAC ROOF REMEDIATION AT ST. MARGARET MARY CES

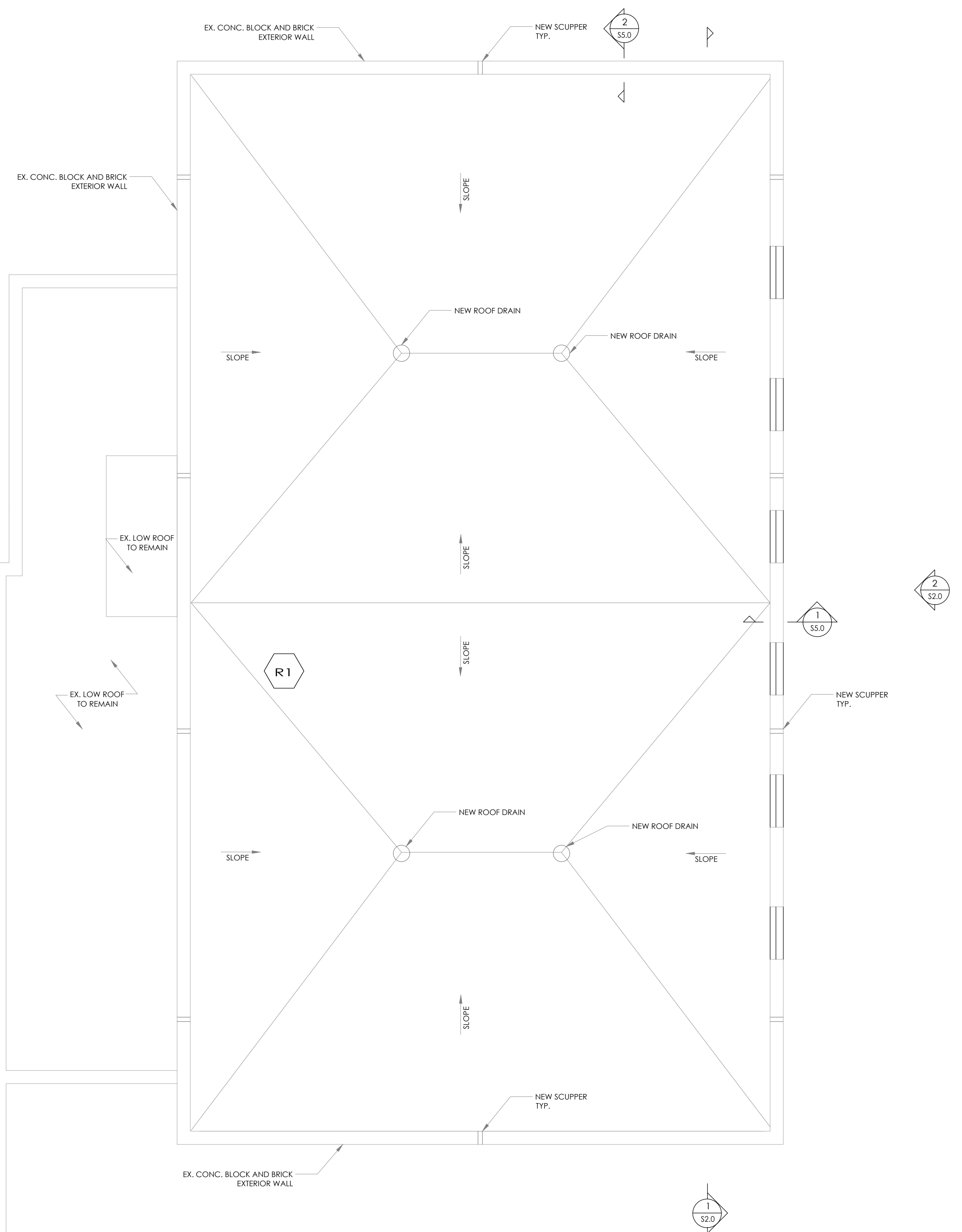
25 BRENTWOOD DR,  
HAMILTON, ON  
L8T 3V9

DRAWING TITLE:  
DEMOLITION ROOF FRAMING PLAN

DRAWN BY: M.F.	SCALE: AS NOTED
CHECKED BY: A.B.	DRAWING NUMBER: SD1.0
DATE: JAN. 2026	
PROJECT NUMBER: 25-146	

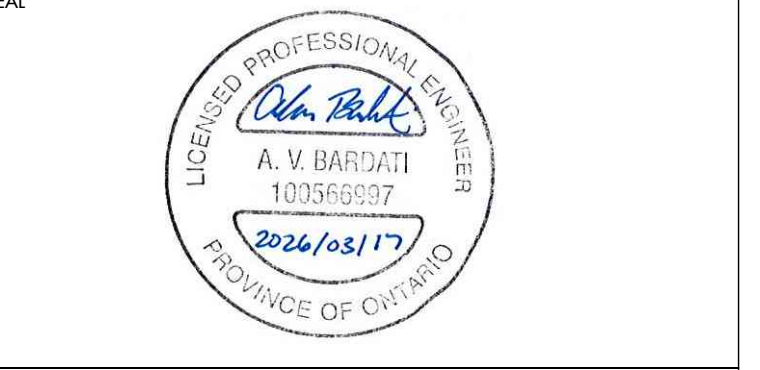
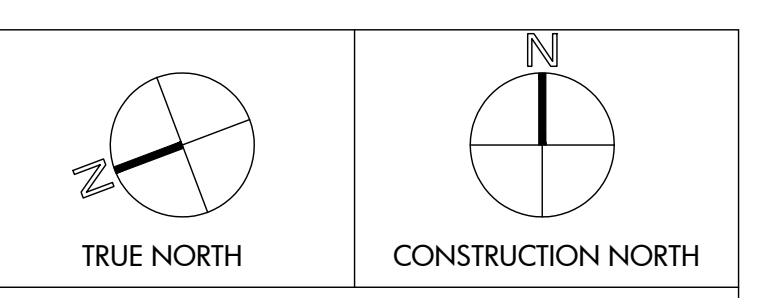
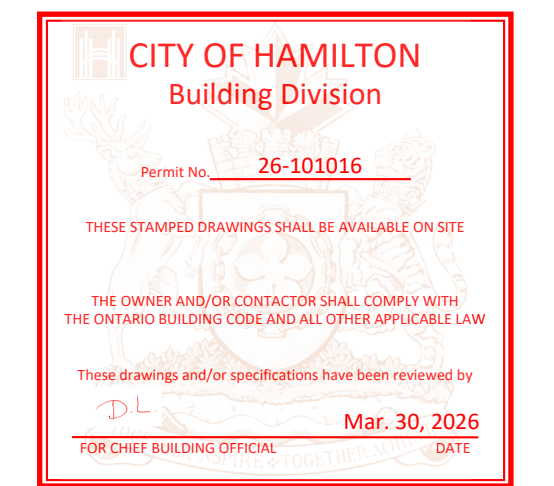
1 SD1.0 DEMOLITION ROOF FRAMING PLAN  
SCALE: 3/16" = 1'-0"





ROOF SCHEDULE	
MARK	DESCRIPTION
①	SBS MODIFIED BITUMEN CAP SHEET, TORCH-APPLIED SBS MODIFIED BITUMEN BASE SHEET, TORCH-APPLIED 13mm (1/2") GYPSUM CORE OVERLAY BOARD, IN COLD ADHESIVE TAPERED PERIMETER TAPERED INSULATION, DRAIN SLUMPS AND CRICKETS, IN COLD ADHESIVE TWO LAYERS OF 38mm (1-1/2") POLYISOCYANURATE INSULATION IN COLD ADHESIVE (STAGGERED JOINTS) 1-PLY MODIFIED BITUMEN VAPOUR RETARDER, SELF-ADHERED 13mm (1/2") GYPSUM CORE DECK OVERLAY BOARD, MECHANICALLY FASTENED 3" ACOUSTIC METAL DECK R-VALUE = R20

- GENERAL NOTES**
1. NEW ROOF DRAINS TO BE CONNECTED INTO EXISTING DRAIN PIPING AT U/S OF ROOF.
  2. ALL GYM WALLS TO BE REPAINTED, COLOURS AND PATTERN TO BE SELECTED BY OWNER.



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CATHOLIC DISTRICT SCHOOL  
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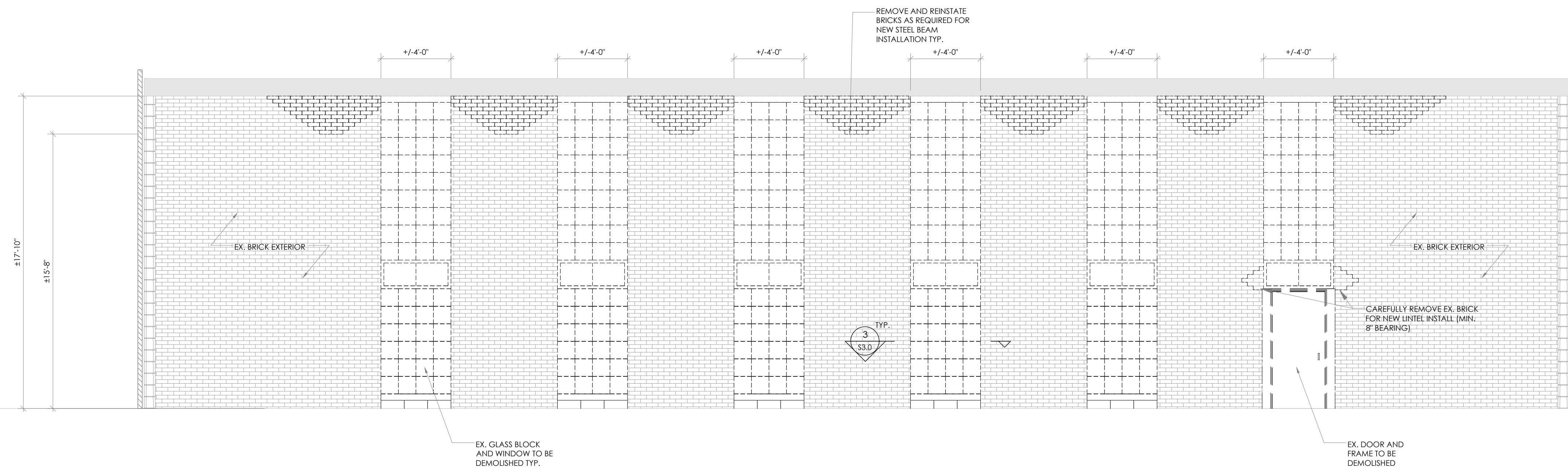
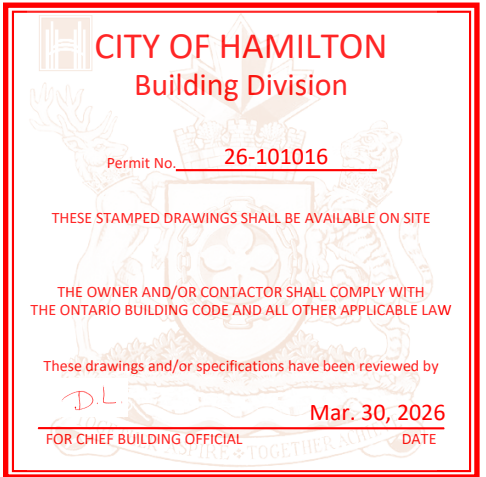
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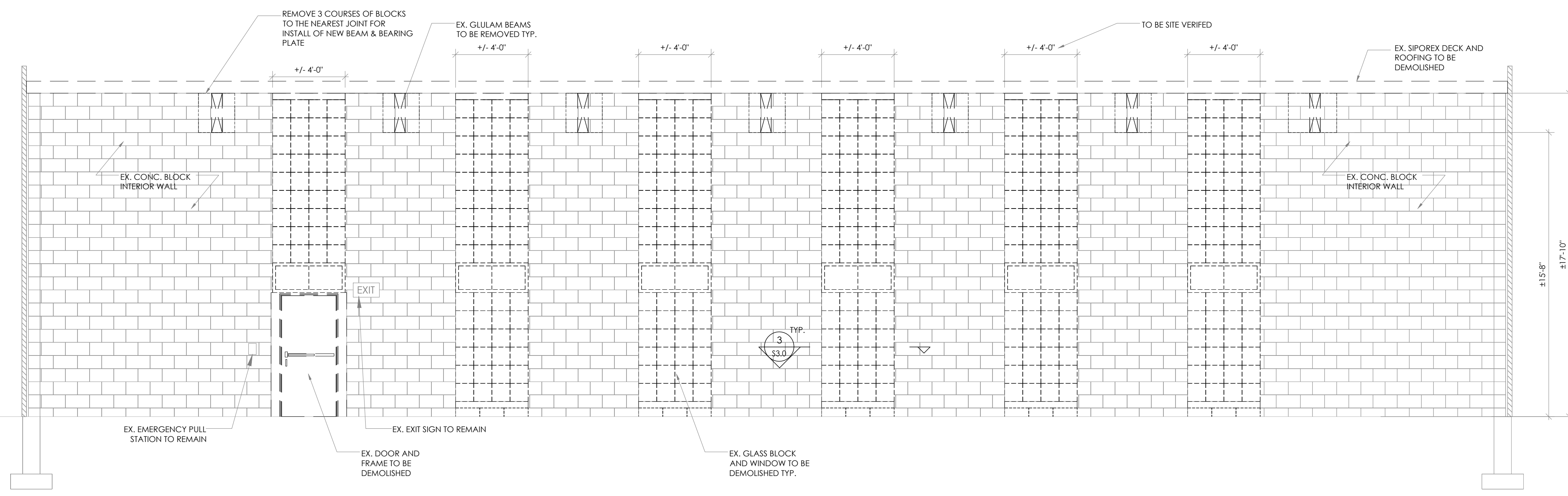
DRAWING TITLE:  
NEW ROOF PLAN

DRAWN BY: M.F.	SCALE: AS NOTED
CHECKED BY: A.B.	DRAWING NUMBER: <b>S1.1</b>
DATE: JAN. 2026	
PROJECT NUMBER: 25-146	

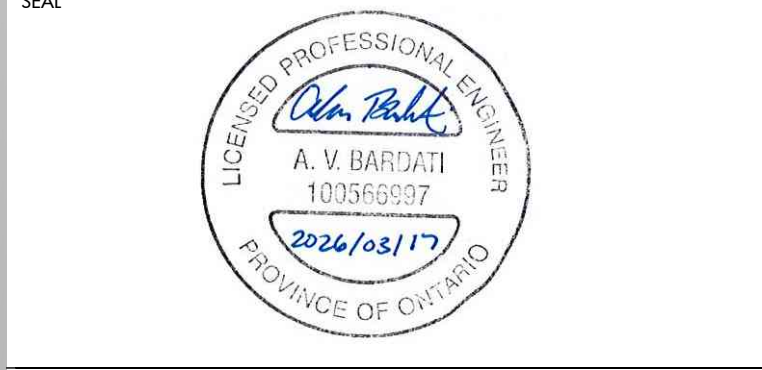
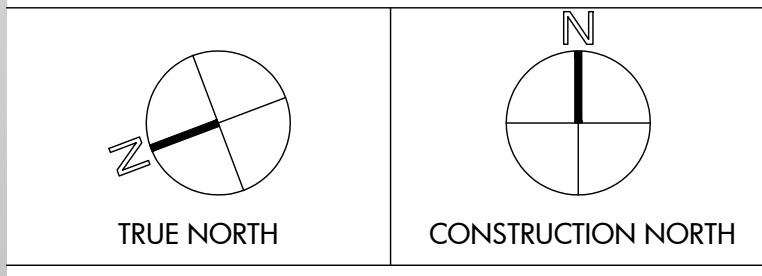
**NEW ROOF FRAMING PLAN**  
SCALE: 3/16" = 1'-0"



1 EAST EXTERIOR DEMOLITION ELEVATION  
SCALE: 1/4" = 1'-0"



2 EAST INTERIOR DEMOLITION SECTION VIEW  
SCALE: 1/4" = 1'-0"



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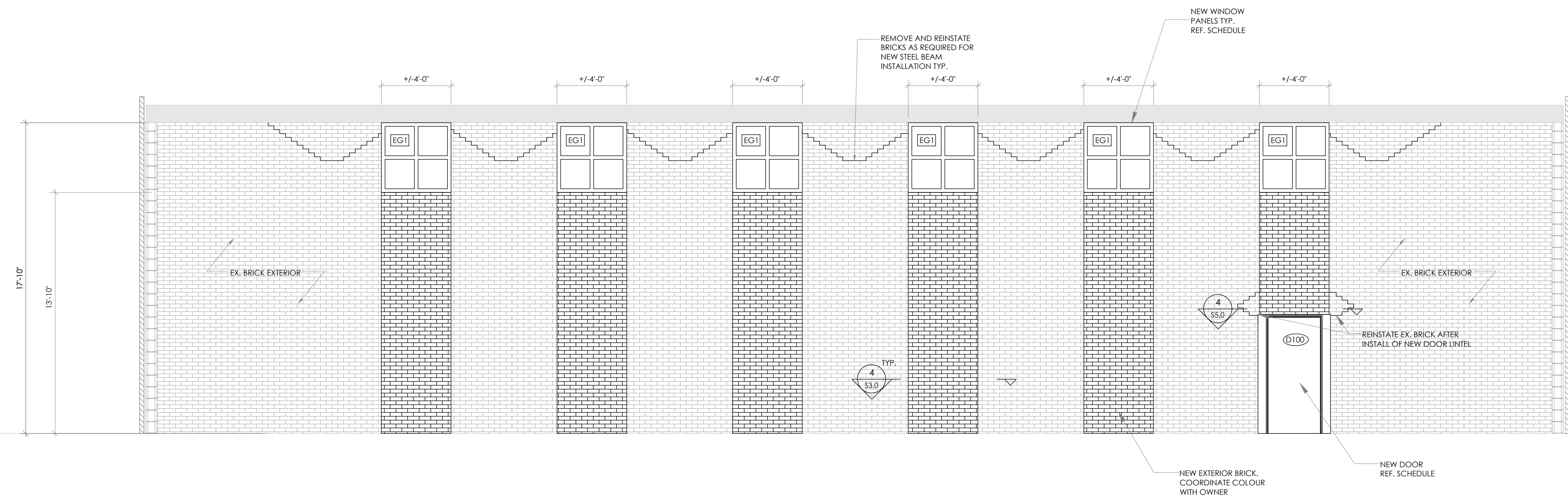
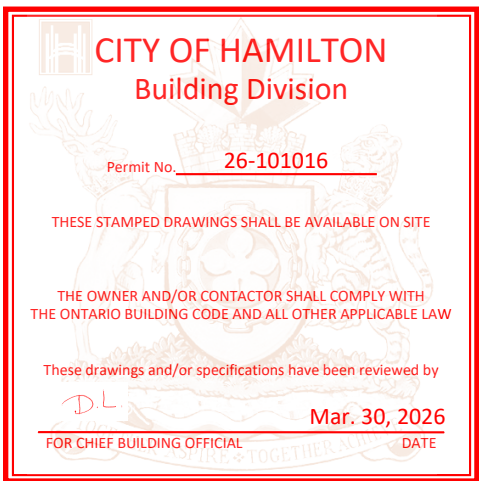
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PROJECT  
RAAC ROOF REMEDIATION AT  
ST. MARGARET MARY CES

25 BRENTWOOD DR,  
HAMILTON, ON  
L8T 3V9

DRAWING TITLE  
DEMOLITION SECTION AND  
ELEVATION VIEW

DRAWN BY: M.F.	SCALE: AS NOTED
CHECKED BY: A.B.	DRAWING NUMBER: SD2.0
DATE: JAN. 2026	
PROJECT NUMBER: 25-146	



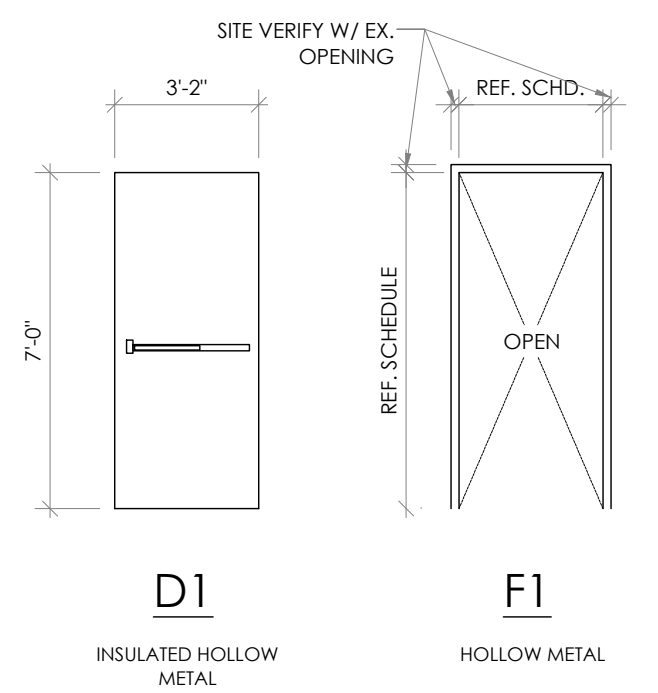
1 EAST EXTERIOR NEW ELEVATION  
SCALE: 1/4" = 1'-0"

DOOR NOTES

- SUBMIT SHOP DRAWINGS FOR DOORS AND HARDWARE SCHEDULES FOR REVIEW.
- ALL HOLLOW METAL DOORS TO BE 16 GA. STEEL, OF SIZES SHOWN, AS MANUFACTURED BY STEEL CRAFT, OR ALTERNATIVE APPROVED BY OWNER.
- DOOR FRAMES TO BE 16 GA. STEEL, COMPLETE WITH ANCHORS, AND REINFORCED FOR HARDWARE, AS MANUFACTURED BY STEEL CRAFT, OR ALTERNATIVE APPROVED BY OWNER.
- ALL HOLLOW METAL FRAMES TO HAVE SILENCERS UNLESS PROVIDED WITH WEATHERSTRIPPING/GASKETING. PUNCH FRAME AT HEAD FOR 2 SILENCERS ON DOUBLE LEAF DOORS.
- DOORS TO HAVE COMPLETE HARDWARE. HARDWARE TO BE COMMERCIAL GRADE STAINLESS STEEL.
- PROVIDE 1 1/2 PAIR OF HEAVY DUTY STAINLESS STEEL HINGES PER DOOR.
- INSTALL DOORS AND FRAMES IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- ALL MAIN DOORS AND FRAMES TO BE PAINTED. ALL MAIN DOORS AND FRAME TO BE PAINTED WITH 1 COAT ALKYLID PRIMER AND 2 COATS ALKYLID ENAMEL SEMI-GLOSS PAINT (COLOUR SELECTED BY OWNER).
- REFER TO DOOR HARDWARE SPECIFICATIONS FOR HARDWARE INFORMATION.
- SUBFRAMES ARE TO BE PROVIDED AND INSTALLED BY MISC. METALS CONTRACTOR.
- DOOR THRESHOLDS NOT TO EXCEED 1/2" IN HEIGHT.
- ALL DOOR LITES TO BE 1/4" CLEAR LEXAN GLASS.
- PROVIDE SIGNAGE FOR ALL NEW DOORS.

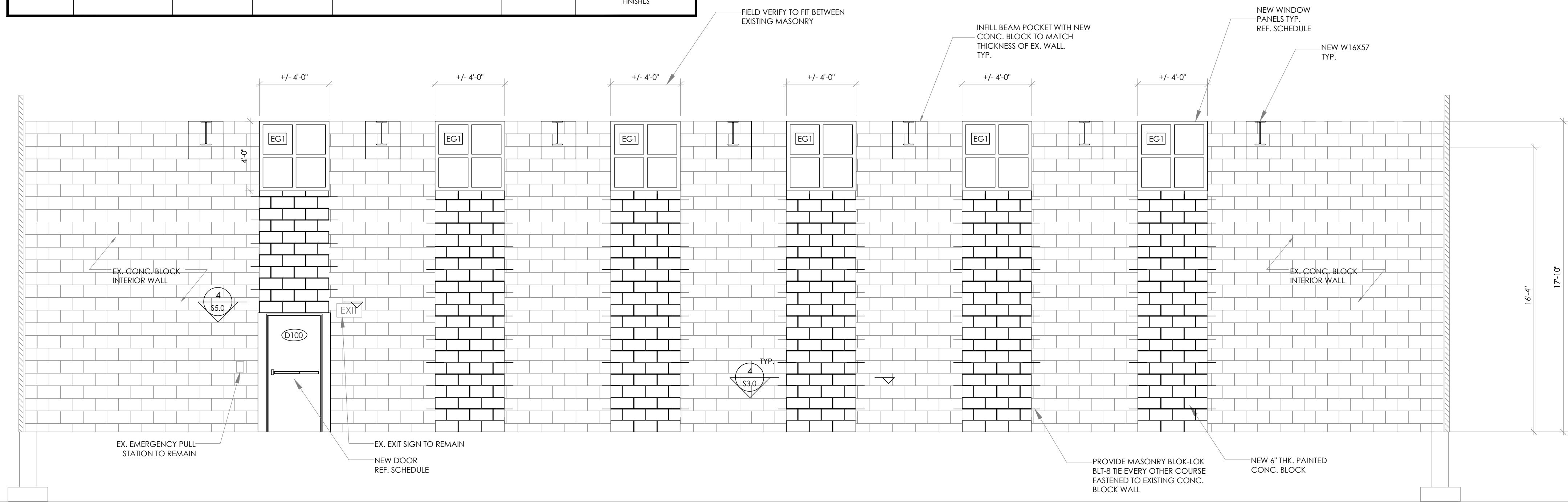
HARDWARE

- HINGES - IVES 5881HW 4.5x4.5 NRP 630.
- PANIC SET - VON DUPRIN 9947L-F CONCEALED ROD C/W LOCKSET LEVER, STAINLESS STEEL, CYLINDER PLUG TO SUIT MASTER KEYING SYSTEM.
- CLOSER - LCN 4040XP SCUSH SRI 689.
- PULL - CBH 400, 5" ALUMINUM.
- SEALS - NGP 172SA 628.
- THRESHOLD - KN CROWDER CT-9 ANODIZED ALUMINUM.
- SWEEP - NGP D408DBX BRUSH SWEEP.

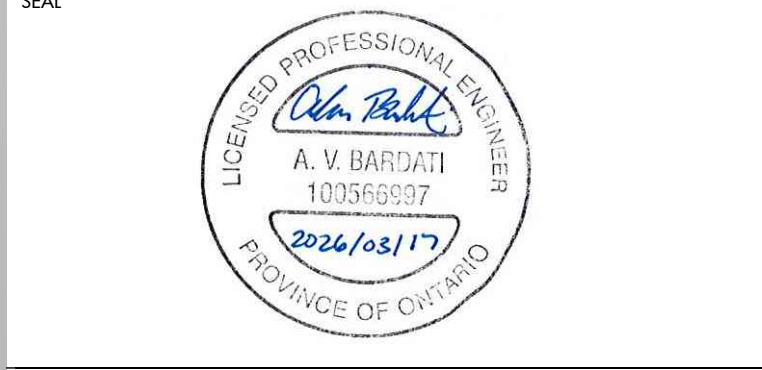
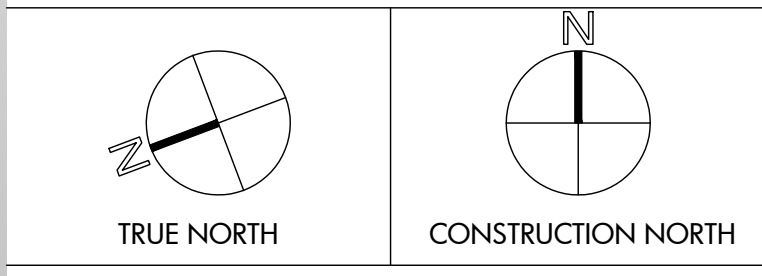


WINDOW SCHEDULE						
MARK	SIZE	MANUFACTURER	PRODUCT	TYPE	SHAPE	INSTALL
EG1	24'-0" x 24'-0"	GUARDIAN GLASS	GUARDIAN SUNGLARD ADVANCE ARCHITECTURAL DOUBLE GLAZED SEALED UNITS	SURFACE 1: EXTERIOR LAYER - SUPER NEUTRAL 68 ON CLEAR SURFACE 2: LOW 'E' COATING WITH WARM GREY DOT (3nm) FRIT 30% TO 40% SAMPLE TO BE PROVIDED SURFACE 3: SUNGLARD 'IS' COATING	REFER TO DRAWINGS	CONFORM TO ALL MANUFACTURER STANDARDS/SPECIFICATIONS. MAKE GOOD ALL FINISHES
CW1	24'-0" x 24'-0" (FIELD VERIFY)	OLD CASTLE BUILDING ENVELOPE	6500 SERIES ARCTIC CURTAIN WALL SYSTEM	ALUMINUM CURTAIN WALL	REFER TO DRAWINGS	CONFORM TO ALL MANUFACTURER STANDARDS/SPECIFICATIONS. MAKE GOOD ALL FINISHES

DOOR & HARDWARE SCHEDULE																								
DOOR		FRAME										HARDWARE												
MARK	FROM	TO	SIZE WH	VISION PANEL WxHxTHK.	DOOR TYPE	MATL	FINISH	FIRE RATING	FRAME TYPE	HINGES	MATL	FINISH	FIRE RATING	PANIC SET	PASSAGE SET	LOCK SET	CLOSER	PULL	PUSH PLATE	KICK PLATE	DOOR STOP	SEALS	THRES-HOLD	SWEEP
D100	GYM	EXTERIOR	3-2'x7'-0"x1-3/4"	N/A	D1	IHM	PTD		F1	1.5	HM	PTD		●			●					●	●	●



2 EAST INTERIOR NEW SECTION  
SCALE: 1/4" = 1'-0"



REVIEW ALL DRAWINGS AND VERIFY ALL DIMENSIONS AT THE SITE. DO NOT SCALE THE DRAWINGS. REPORT ALL DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH ANY CONSTRUCTION OR SHOP FABRICATION. ALL DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS ARE THE COPYRIGHT PROPERTY OF MANTECON PARTNERS AND MUST BE RETURNED UPON REQUEST. REPRODUCTION OF DRAWINGS, SPECIFICATIONS AND RELATED DOCUMENTS IN PART OR WHOLE IS FORBIDDEN WITHOUT THE ENGINEER'S WRITTEN PERMISSION.

NO.	ISSUED	DATE	BY
2.	ISSUED FOR PERMIT	2026-03-17	A.B.
1.	ISSUED FOR REVIEW	2026-02-13	M.F.



Hamilton-Wentworth Catholic District School Board  
*Believing. Achieving. Serving.*

CLIENT  
HAMILTON-WENTWORTH CATHOLIC DISTRICT SCHOOL BOARD

PROJECT  
RAAC ROOF REMEDIATION AT ST. MARGARET MARY CES

25 BRENTWOOD DR,  
HAMILTON, ON  
L8B 3V9

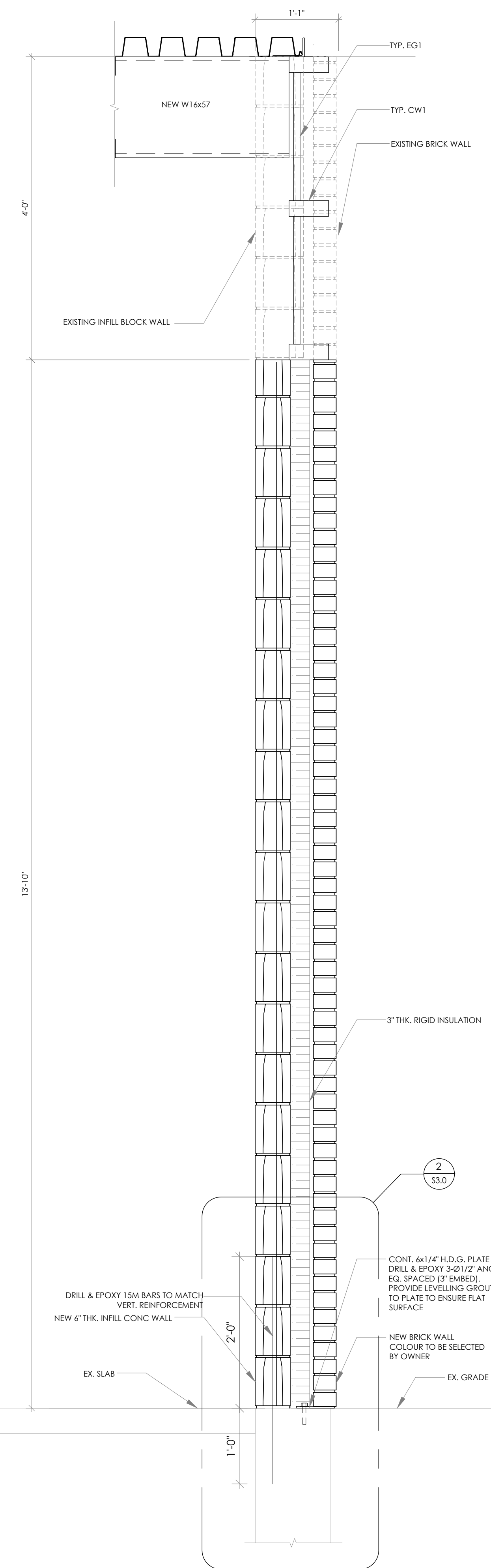
DRAWING TITLE  
NEW SECTION AND ELEVATION VIEW

DRAWN BY: SCALE: AS NOTED

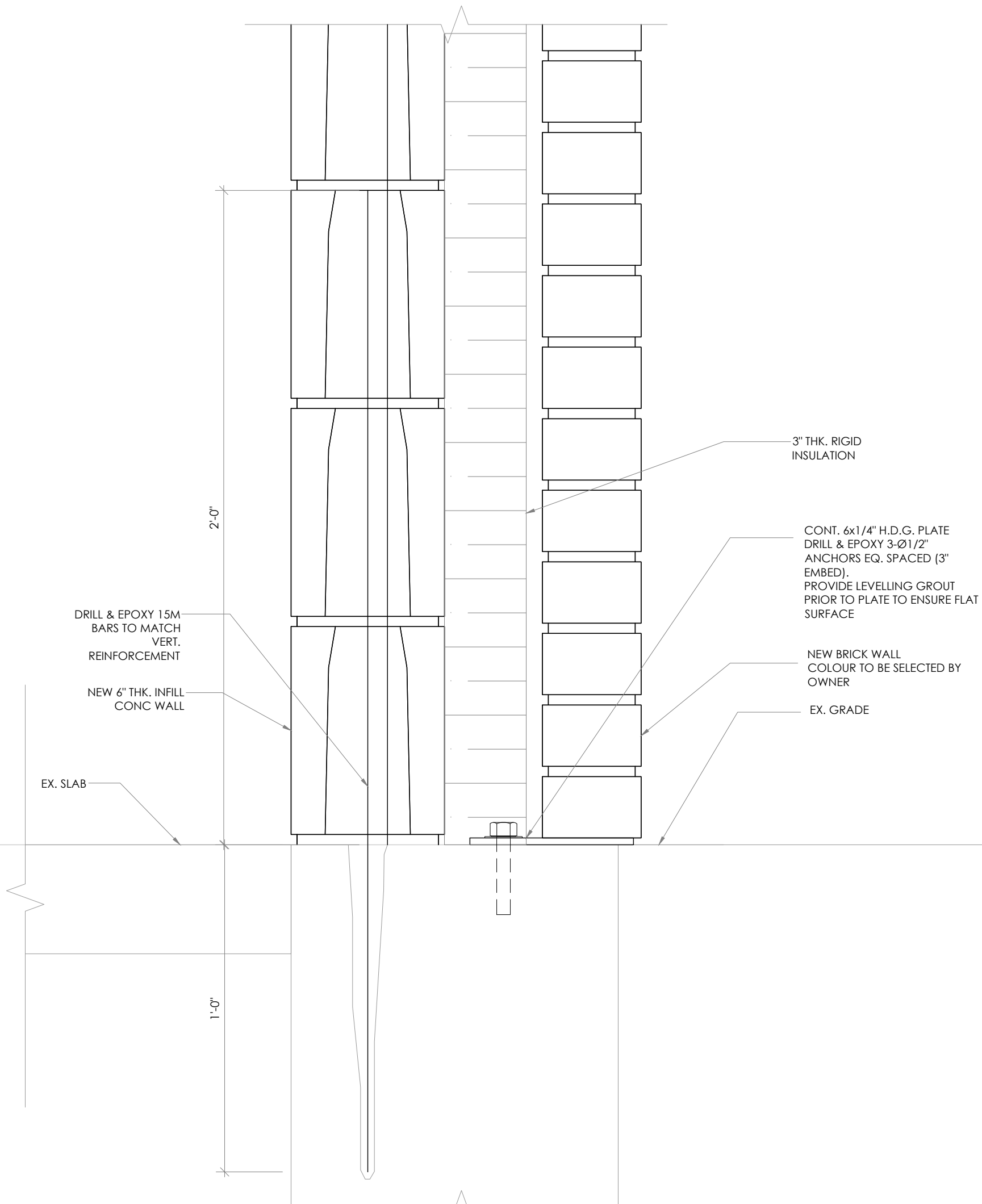
CHECKED BY: DRAWING NUMBER:

DATE: JAN. 2026 S2.0

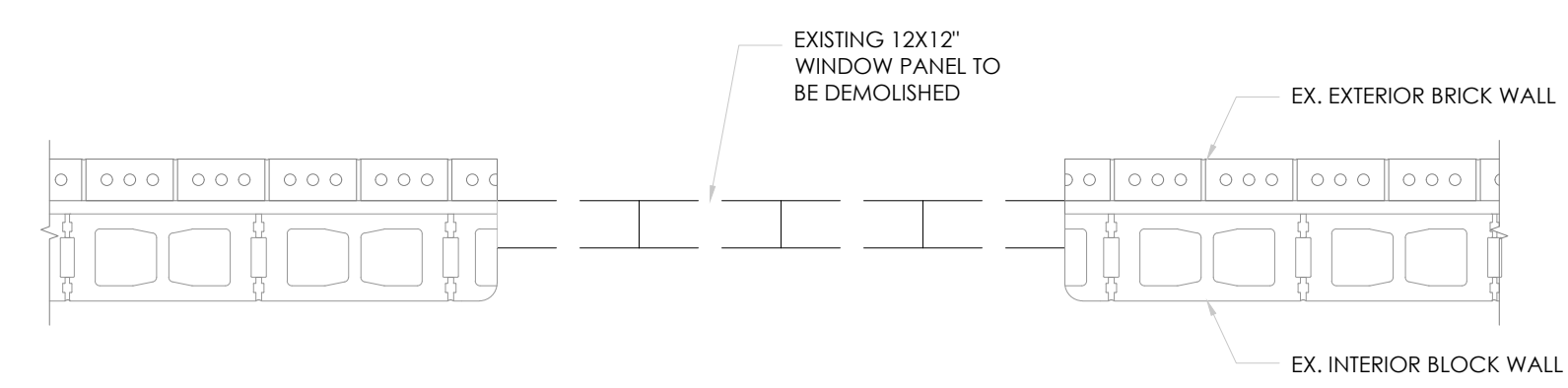
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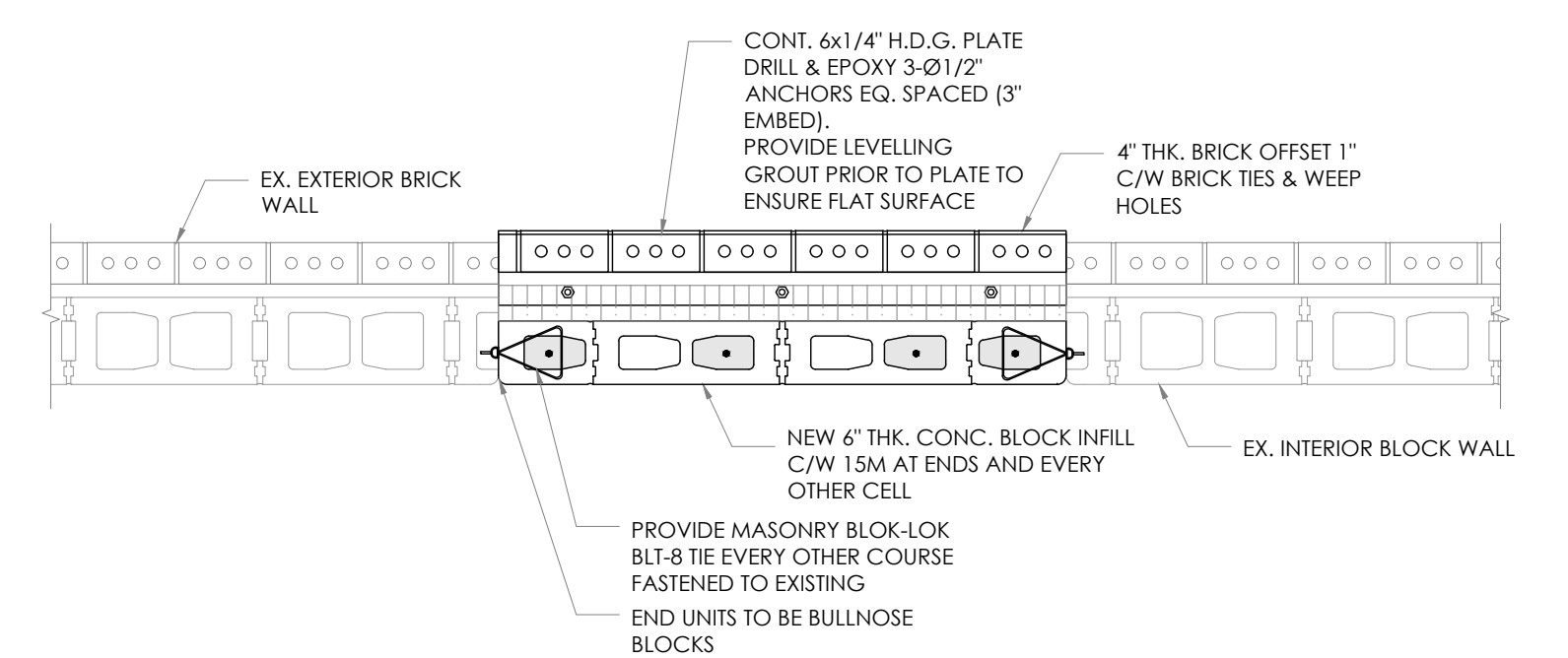
1 EAST WALL SECTION  
SCALE: 1" = 1'-0"



2 NEW INFILL WALL SECTION DETAIL  
SCALE: 3" = 1'-0"

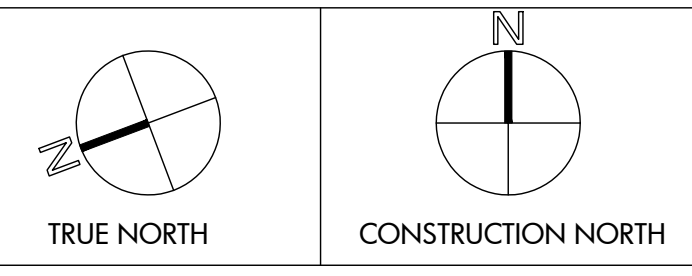


3 DEMO WALL TYPICAL DETAIL  
SCALE: 3/4" = 1'-0"



4 NEW INFILL WALL TYPICAL DETAIL  
SCALE: 3/4" = 1'-0"

**CITY OF HAMILTON**  
Building Division  
Permit No. 26-101016  
THESE STAMPED DRAWINGS SHALL BE AVAILABLE ON SITE  
THE OWNER AND/OR CONTRACTOR SHALL COMPLY WITH THE ONTARIO BUILDING CODE AND ALL OTHER APPLICABLE LAW  
These drawings and/or specifications have been reviewed by  
DL Mar. 30, 2026  
FOR CHIEF BUILDING OFFICIAL DATE



**MANTECON PARTNERS**  
STRUCTURAL MECHANICAL ELECTRICAL CIVIL ENGINEERS  
15 Foundry Street, Dundas, ON, L9H 2V6  
Phone: (905) 648-0373 www.mantecopartners.com

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LICENSED PROFESSIONAL ENGINEER  
A. V. BARDATI  
100366997  
2026/05/17  
PROVINCE OF ONTARIO

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PROJECT  
RAAC ROOF REMEDIATION AT ST. MARGARET MARY CES

25 BRENTWOOD DR,  
HAMILTON, ON  
L8T 3V9

DRAWING TITLE  
SECTION PLANS

DRAWN BY: M.F.	SCALE: AS NOTED
CHECKED BY: A.B.	DRAWING NUMBER: S3.0
DATE: JAN. 2026	
PROJECT NUMBER: 25-146	



