

OTSEGO COUNTY ROAD COMMISSION

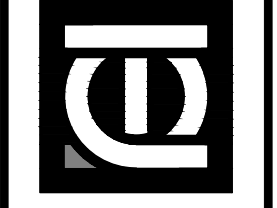
REROOFING AND VESTIBULE RENOVATION

GAYLORD, MICHIGAN

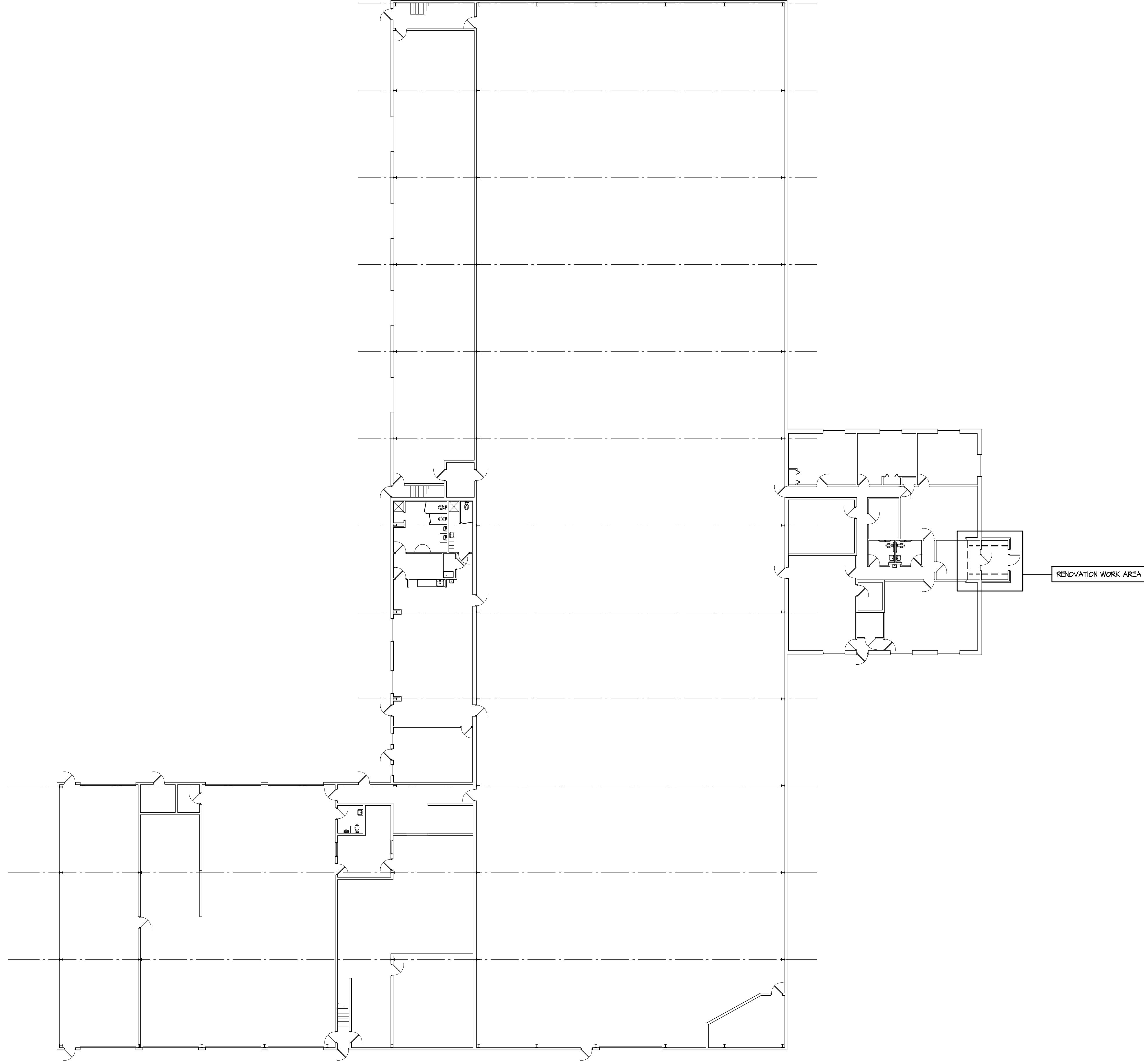
BUILDING DATA
<p><small>SITE ADDRESS</small> ELLSWORTH COMMUNITY SCHOOL 669 MCCOY ROAD GAYLORD, MI 49735</p> <p><small>APPLICABLE CODES</small> 2015 MICHIGAN REHABILITATION CODE FOR EXISTING BUILDINGS 2015 MICHIGAN BUILDING CODE SERIES</p> <p><small>USE AND OCCUPANCY CLASSIFICATION</small> EXISTING B/S2 PROPOSED TO REMAIN THE SAME</p> <p><small>CONSTRUCTION TYPE</small> EXISTING MBC TYPE IIB AND VB</p> <p><small>CLASSIFICATION OF WORK</small> REROOF - LEVEL 1 ALTERATION VESTIBULE RENOVATION - LEVEL 2 ALTERATION</p> <p><small>EXISTING BUILDING AREA</small> TOTAL BUILDING - 45,556 s.f. B USE AREA - 3,736 s.f. S2 USE AREA - 41,820 s.f.</p>

SHEET INDEX
<p>T TITLE SHEET / PROJECT INFORMATION A1 OVERALL FLOOR PLAN A2 WORK AREA PLANS A3 EXTERIOR ELEVATIONS AND SCHEDULES A4 DEMOLITION SECTIONS "A-A" & "B-B" A5 NEW WORK SECTIONS "A-A" & "B-B" A6 ROOF PLAN AND DETAILS E1 ELECTRICAL LIGHTING PLAN AND SCHEDULE</p>

SHEET	1	DATE	PROJECT NO.	285-20	PROJECT TITLE	PROPOSED REROOFING AND VESTIBULE RENOVATION FOR: OTSEGO COUNTY ROAD COMMISSION GAYLORD, MICHIGAN	DRAWING TITLE	TITLE SHEET PROJECT INFORMATION
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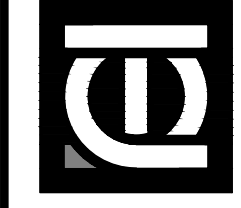
ANTHONY P. ESSON
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 GAYLORD, MICHIGAN 49734
 PO BOX 479
 TELEPHONE: (989) 732-0585



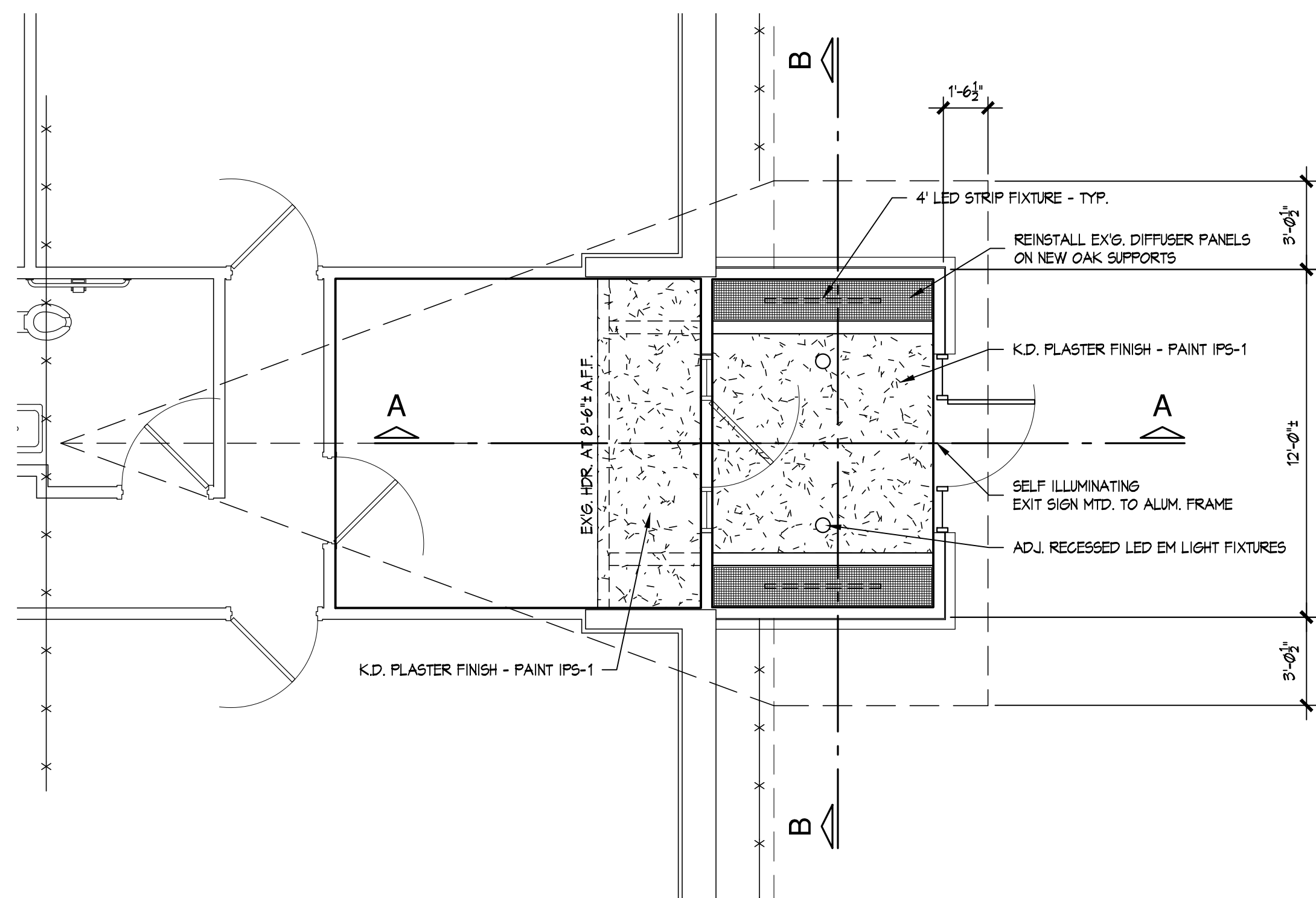
COMPOSITE FLOOR PLAN

SCALE: $\frac{1}{8}'' = 1'-0''$

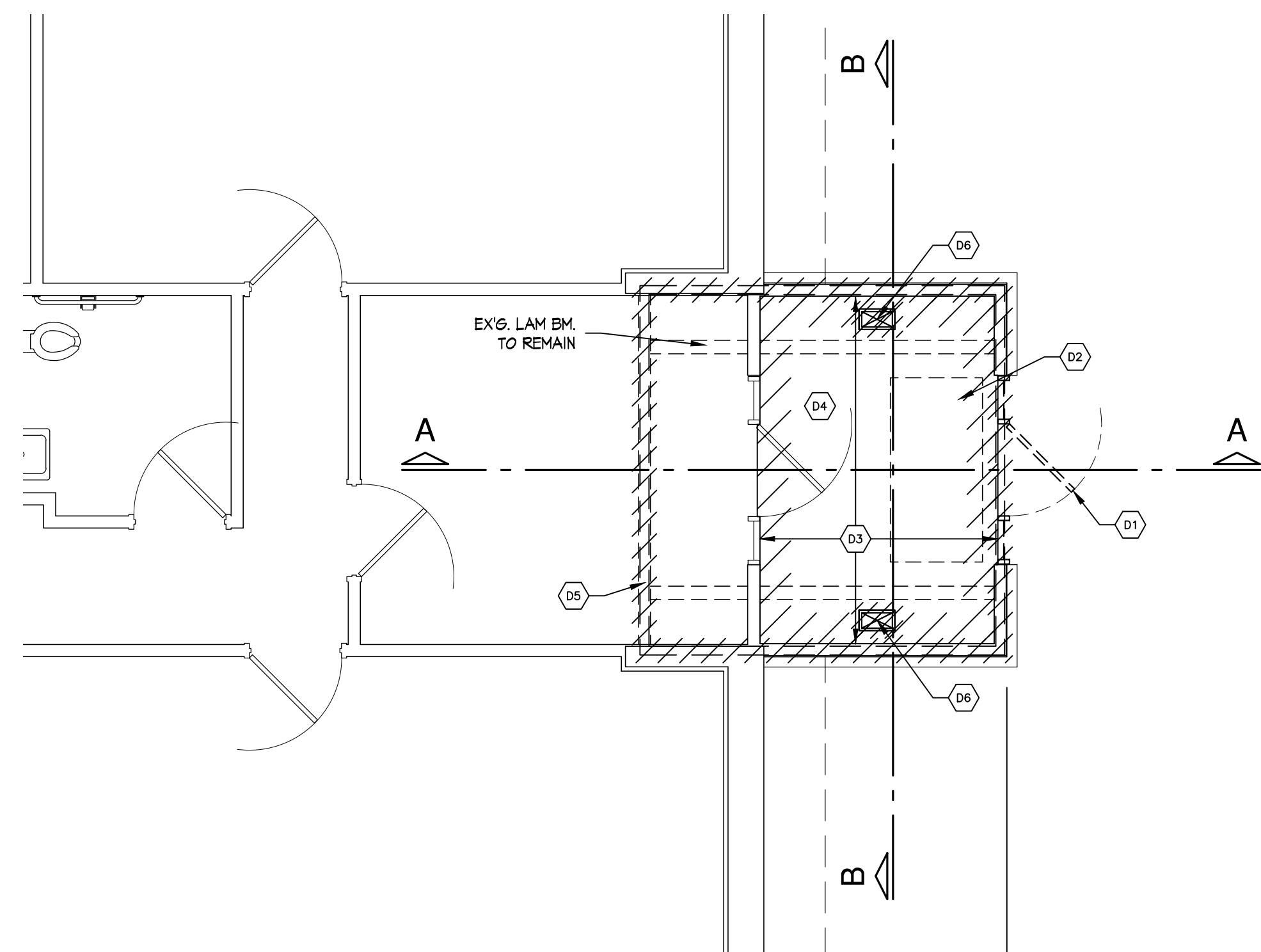
SHEET	DATE	PROJECT NO.	PROJECT TITLE	DRAWING TITLE
				OVERALL FLOOR PLAN
A1		285-20	PROPOSED REROOFING AND VESTIBULE RENOVATION FOR:	
			OTSEGO COUNTY ROAD COMMISSION	
			GAYLORD, MICHIGAN	



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WORK AREA CEILING PLAN
 NORTH
 SCALE: 1/4" = 1'-0"



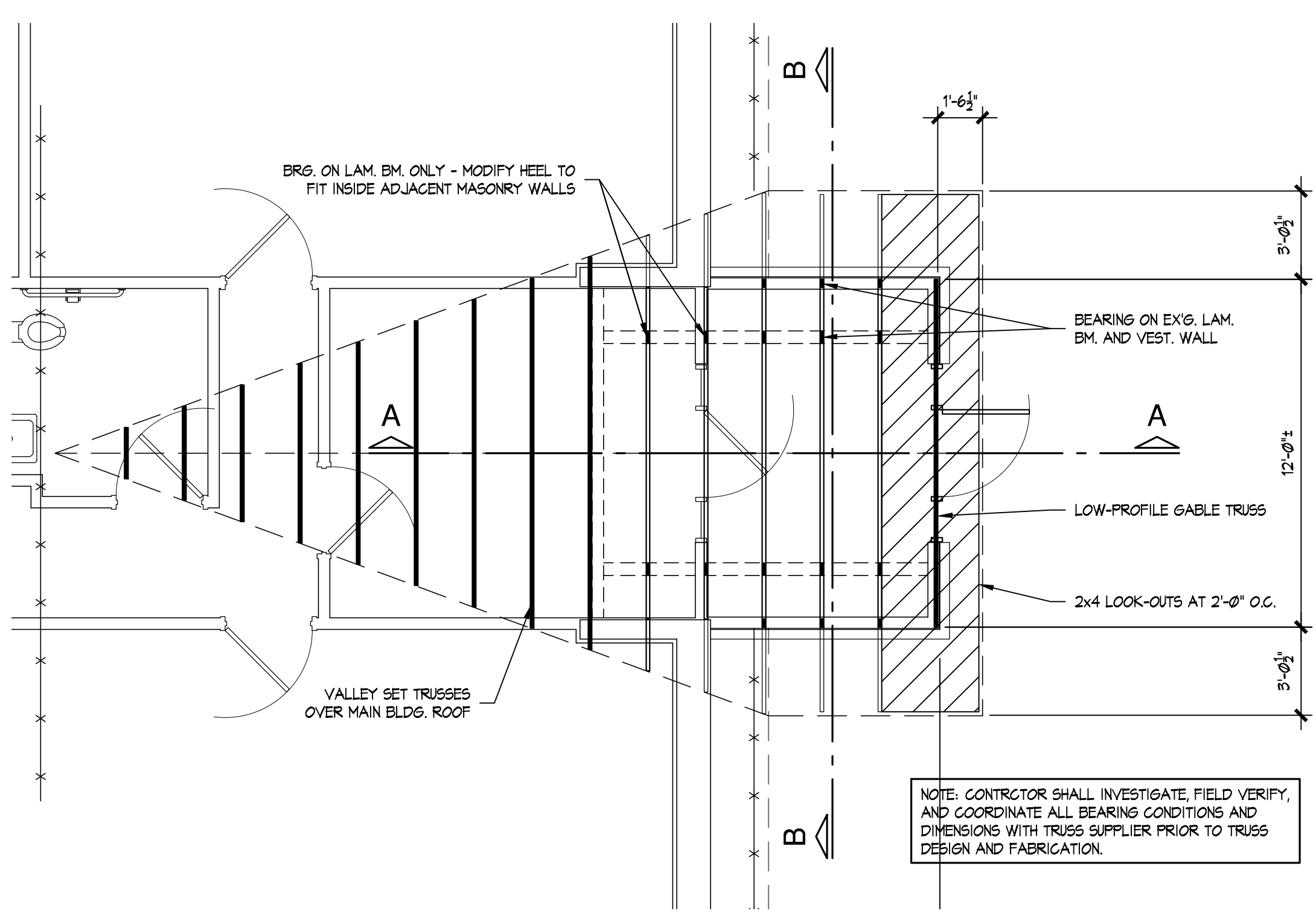
WORK AREA DEMO PLAN
 NORTH
 SCALE: 1/4" = 1'-0"

GENERAL DEMOLITION NOTES
 REMOVE EX'G ASSEMBLIES TO THE EXTENT REQUIRED FOR THE INSTALLATION OF NEW WORK, AND TO ALLOW FOR CONNECTION OF NEW WORK TO EX'G ADJACENT CONSTRUCTION. DEMOLITION DRAWINGS ARE DIAGRAMATIC AND EXPRESS THE OVERALL DESIGN INTENT. EXECUTION OF THE WORK MAY REQUIRE INCIDENTAL WORK NOT SPECIFICALLY INDICATED ON THE PLANS OR CALLED FOR IN THE DEMOLITION NOTES IN ORDER TO ACHIEVE THE DESIGN INTENT. ALL EX'G CONDITIONS ARE TO BE FIELD VERIFIED AND ALL NECESSARY INCIDENTAL WORK IS TO BE INCLUDED IN THE BID.

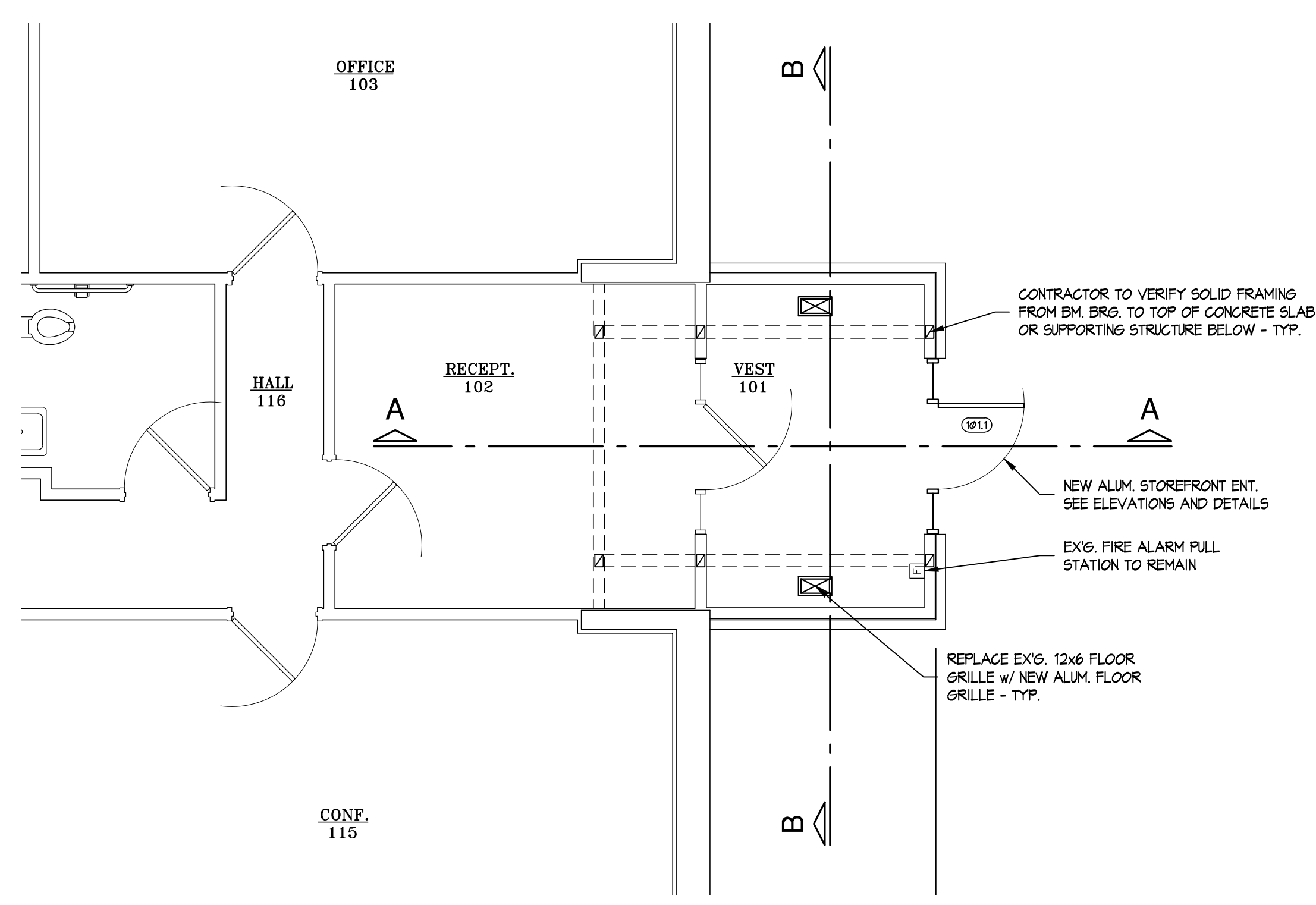
MODIFICATION OF BUILDING STRUCTURAL LOAD BEARING MEMBERS EXCEPT AS DESCRIBED HEREIN OR APPROVED BY THE ARCHITECT IN WRITING IS STRICTLY PROHIBITED. STRUCTURAL MODIFICATIONS DEPICTED HEREIN ARE BASED UPON INFORMATION DERIVED FROM THE OWNERS RECORD. CONTRACTOR SHALL REMOVE FINISHES FROM FRAMING AND SHALL CONSULT ARCHITECT FOR DIRECTION ON MODIFICATION OR REMOVAL OF LOAD BEARING STRUCTURAL ITEMS (WALLS, COLUMNS, BEAMS, JOISTS, AND TRUSSES) NOT SPECIFICALLY INDICATED HEREIN.

KEYED DEMOLITION NOTES

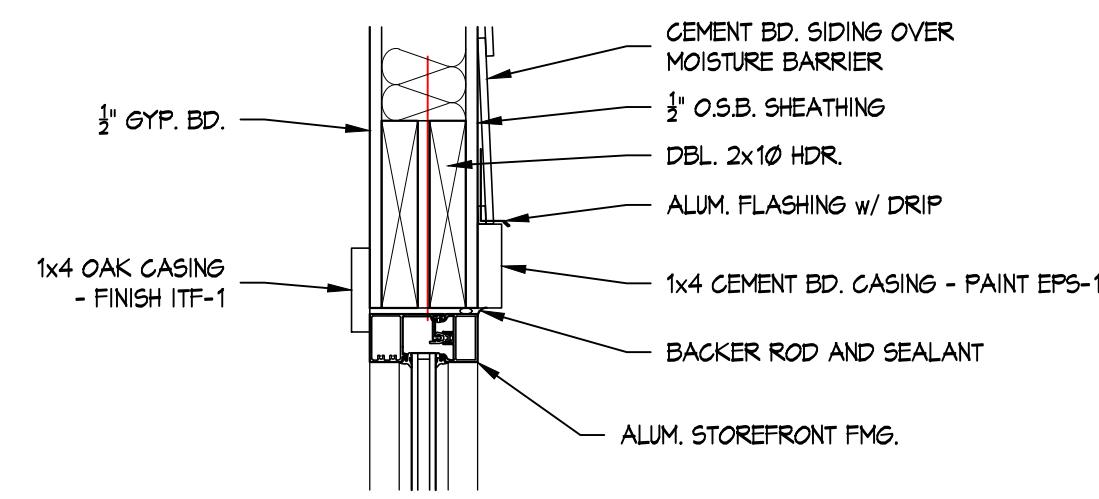
- D1 REMOVE EX'G ALUMINUM ENTRANCE.
- D2 REMOVE EX'G RECESSED ALUMINUM GRATE.
- D3 REMOVE EX'G O.T. FLOORING AND BASE.
- D4 REMOVE EX'G WALL FINISHES AND INSULATION FROM VESTIBULE WALL FRAMING TO REMAIN.
- D5 REMOVE VESTIBULE TOWER CONSTRUCTION ABOVE MAIN BUILDING ROOF AND ABOVE 10'-0" A.F.F. ON VESTIBULE ANNEX. REFER TO DEMOLITION SECTIONS "A-A" AND "B-B" FOR ADDITIONAL DEMOLITION DESCRIPTION.
- D6 REMOVE EX'G S.A. GRILLE - PROTECT FLOOR DUCT TO REMAIN.



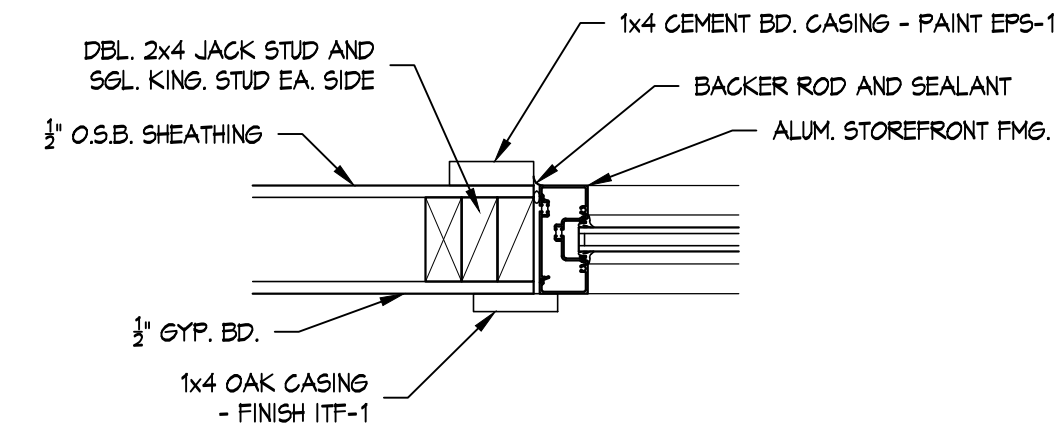
WORK AREA ROOF FRAMING PLAN
 NORTH
 SCALE: 1/4" = 1'-0"



WORK AREA FLOOR PLAN
 NORTH
 SCALE: 1/4" = 1'-0"



H1

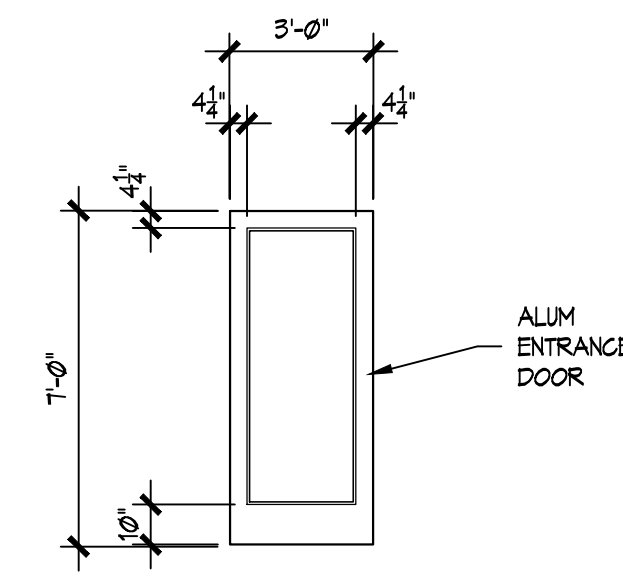


J1

HEAD & JAMB DETAILS

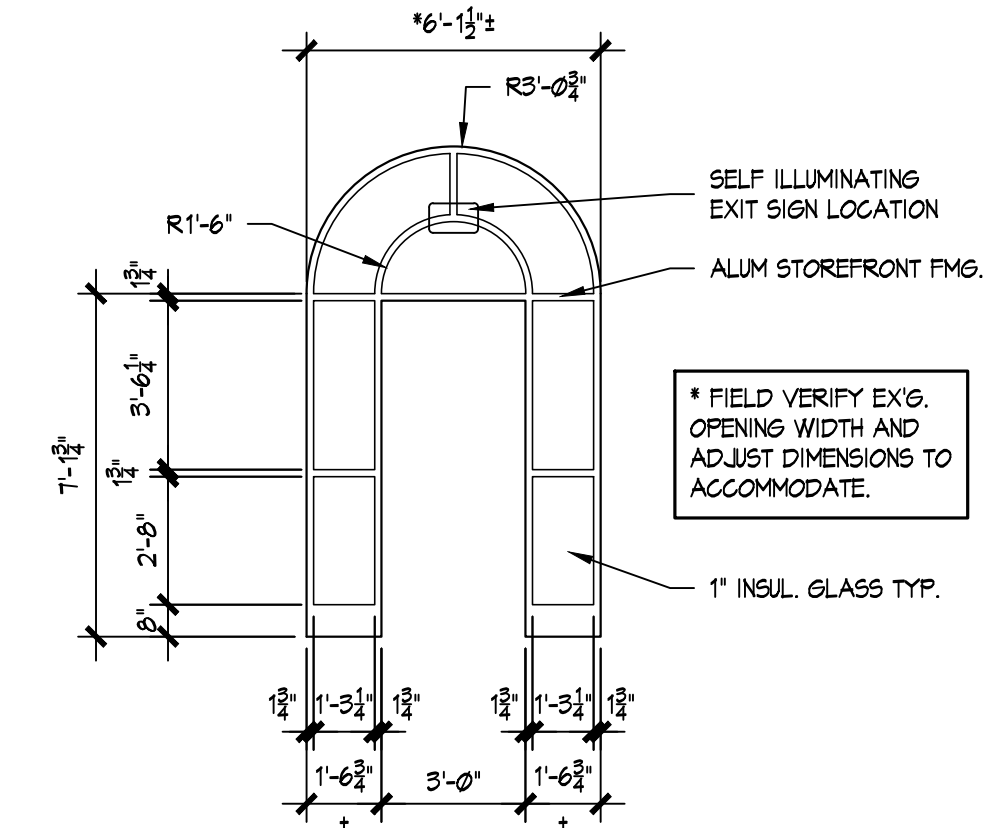
SCALE: $\frac{1}{2}'' = 1'-0''$

DOOR, FRAME AND HARDWARE SCHEDULE												
DOOR NO.	DOOR SIZE	DOOR DATA			FRAME DATA			DETAILS		FIRE RATING	HDWE GROUP	REMARKS
		MAT.	TYPE	GLAZING	MAT.	TYPE	GLAZING	HEAD	JAMB			
101.1	3'-0" x 7'-0"	AL	A	1" INSUL.	AL	1	1" INSUL.	H1	J1	-	1	



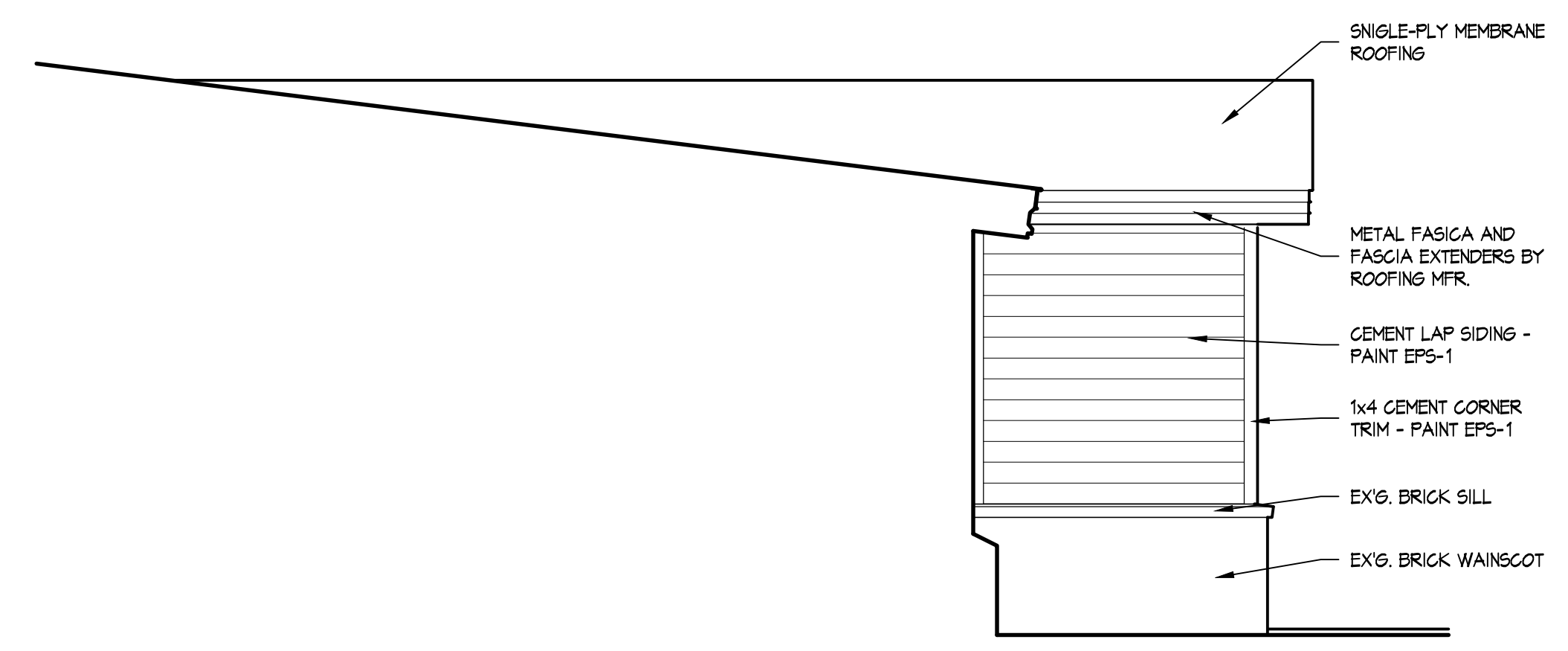
A
DOOR PROFILES

SCALE: $\frac{1}{4}'' = 1'-0''$



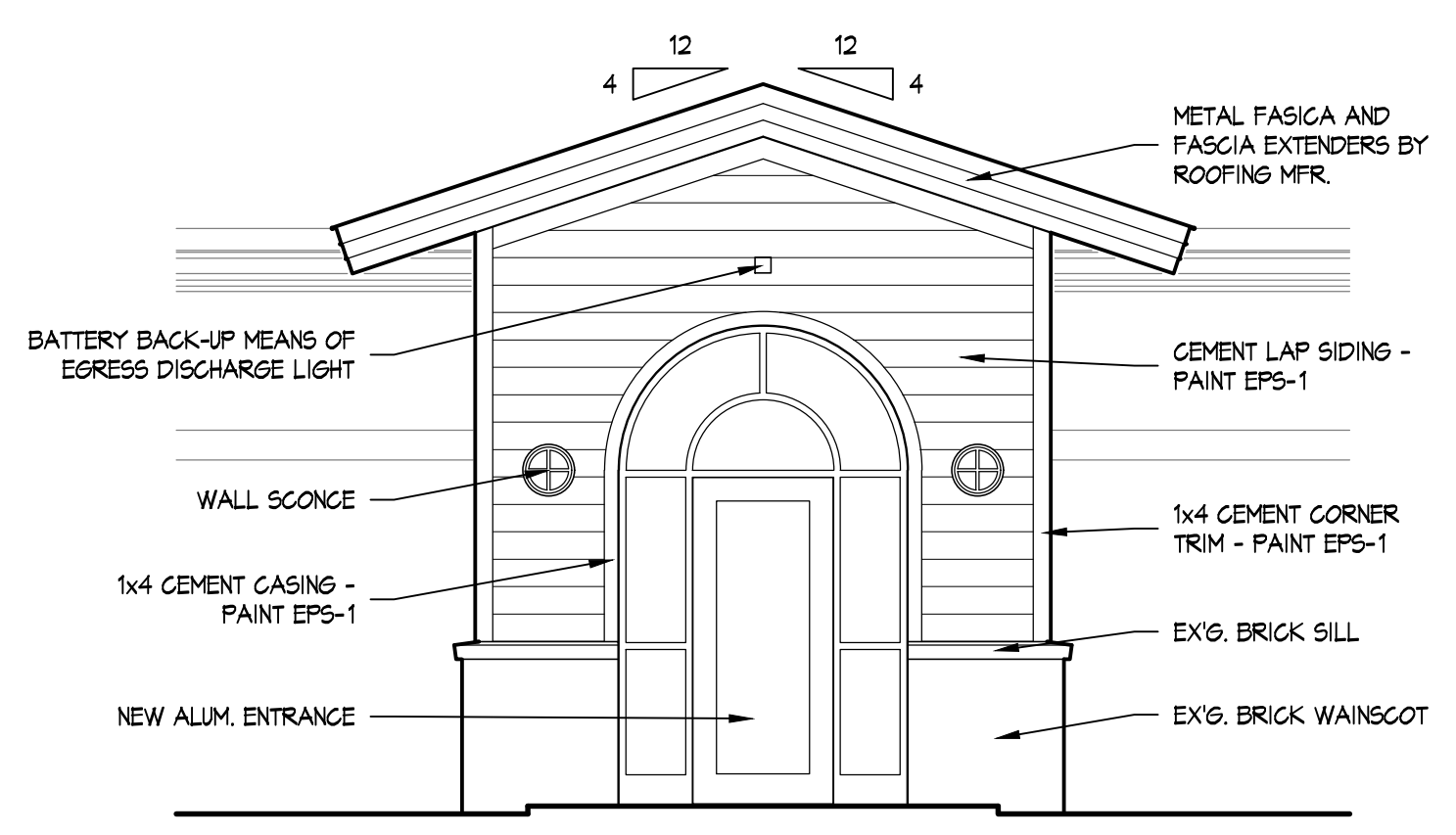
FRAME PROFILES

SCALE: $\frac{1}{4}'' = 1'-0''$



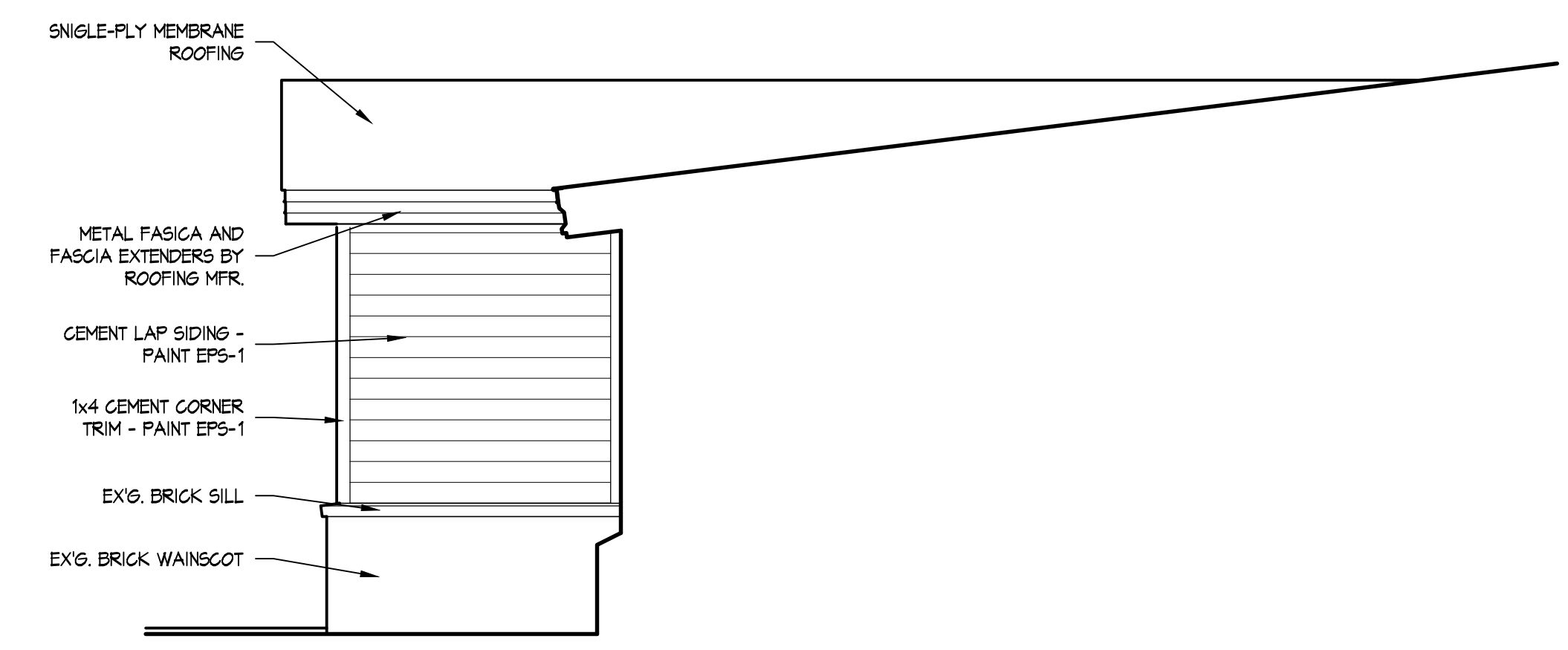
SOUTH ELEVATION

SCALE: $\frac{1}{4}'' = 1'-0''$



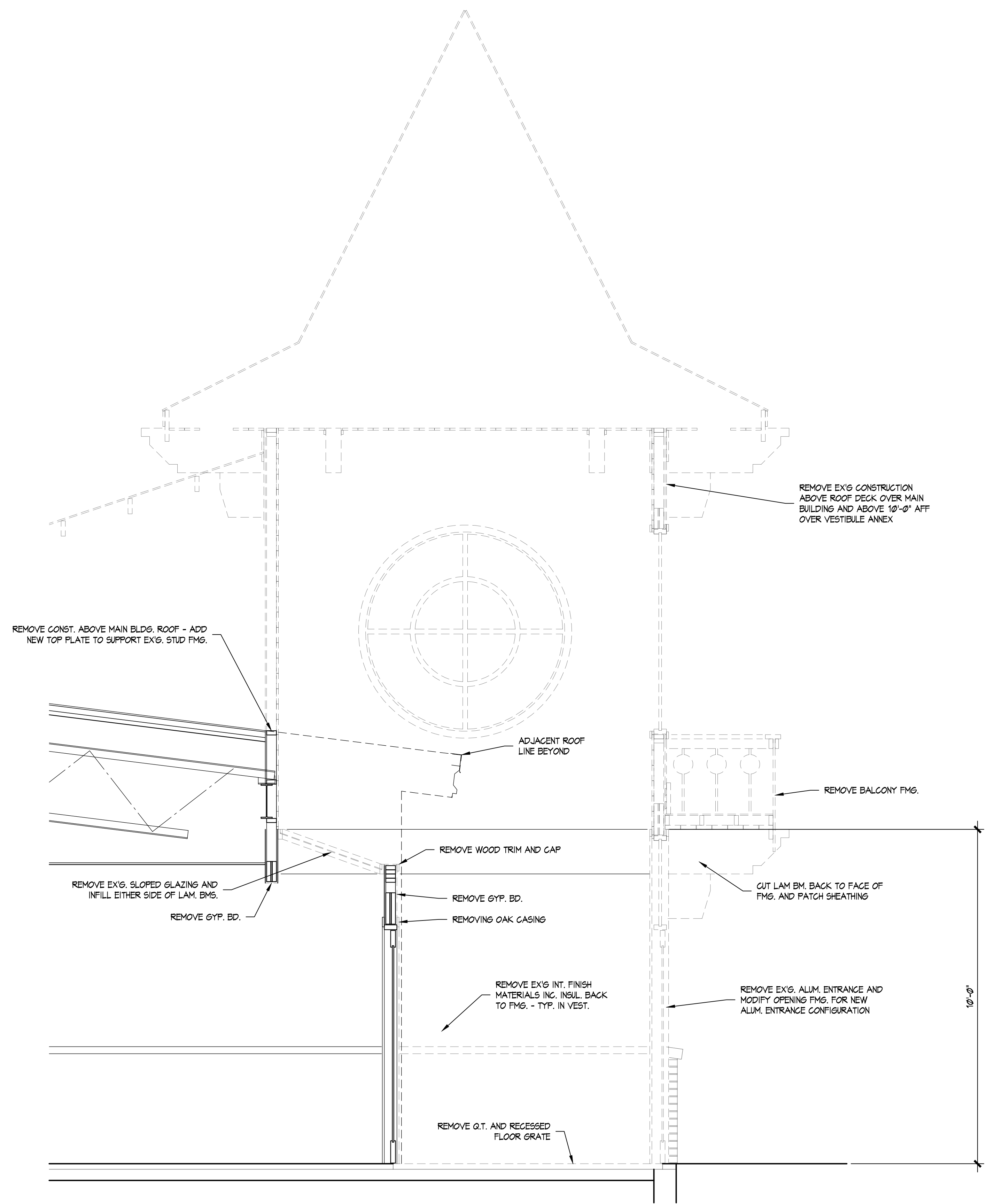
EAST ELEVATION

SCALE: $\frac{1}{4}'' = 1'-0''$

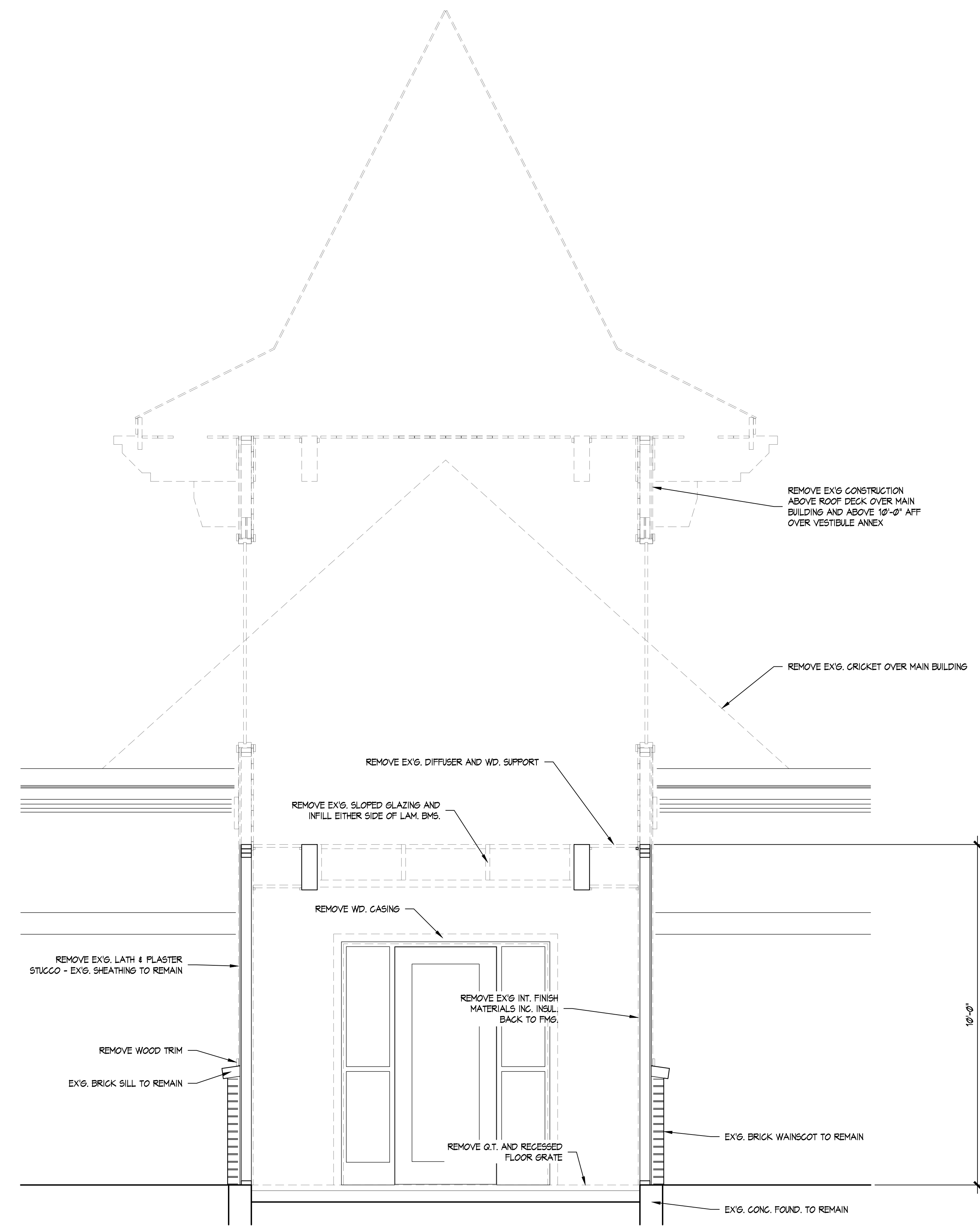


NORTH ELEVATION

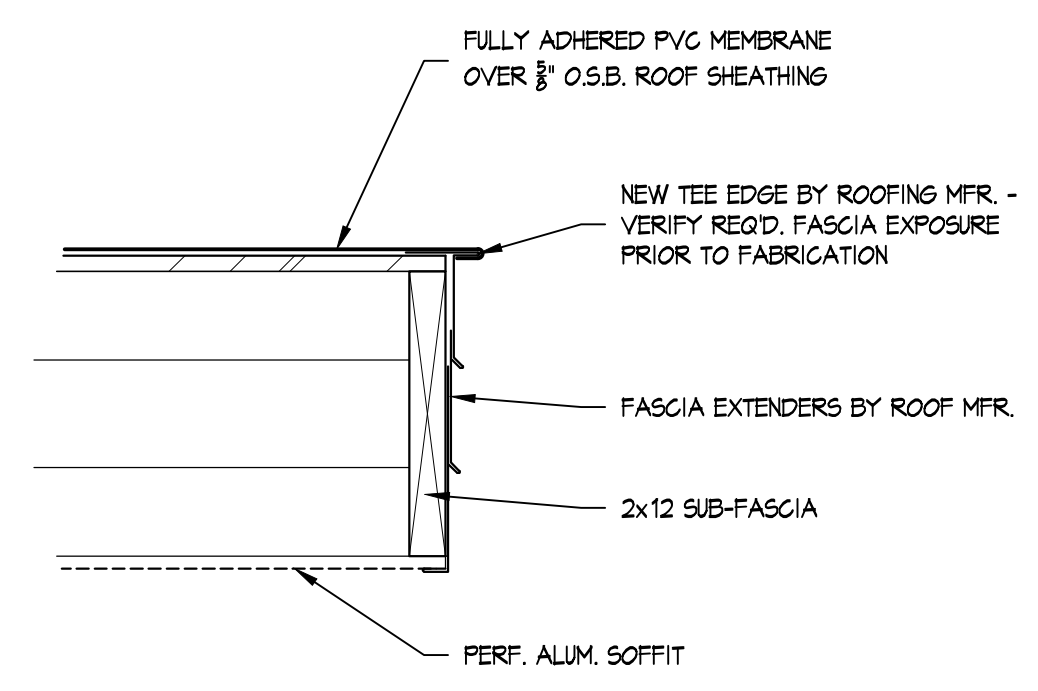
SCALE: $\frac{1}{4}'' = 1'-0''$



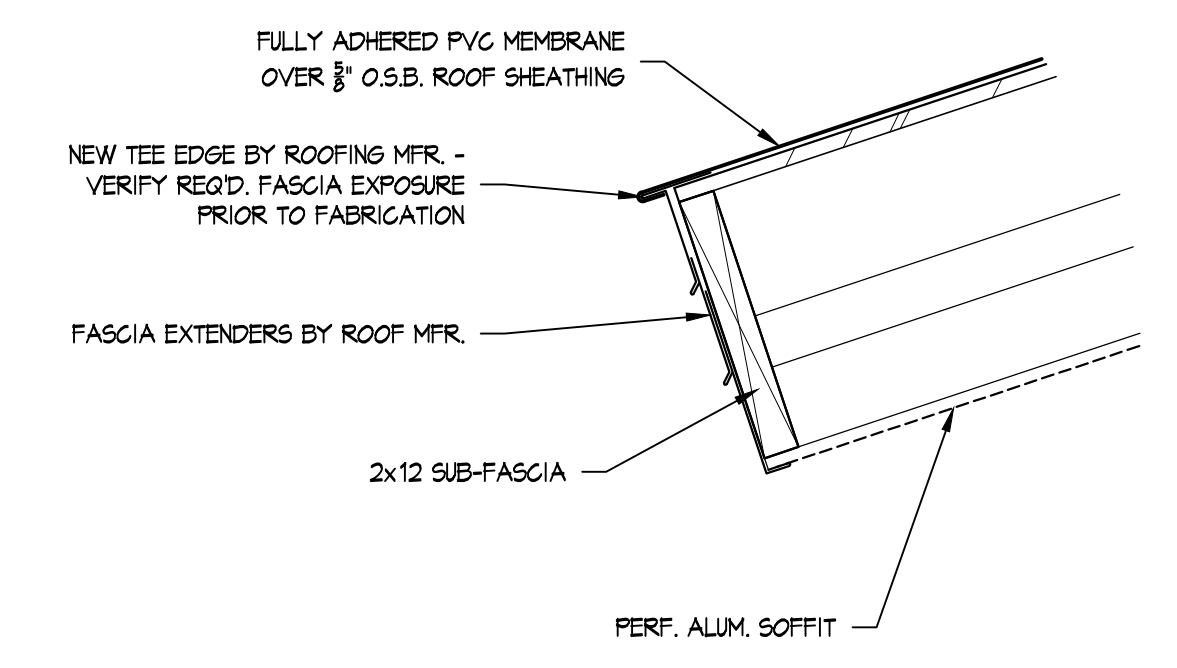
DEMO SECTION "A-A"
 SCALE: 1/4" = 1'-0"



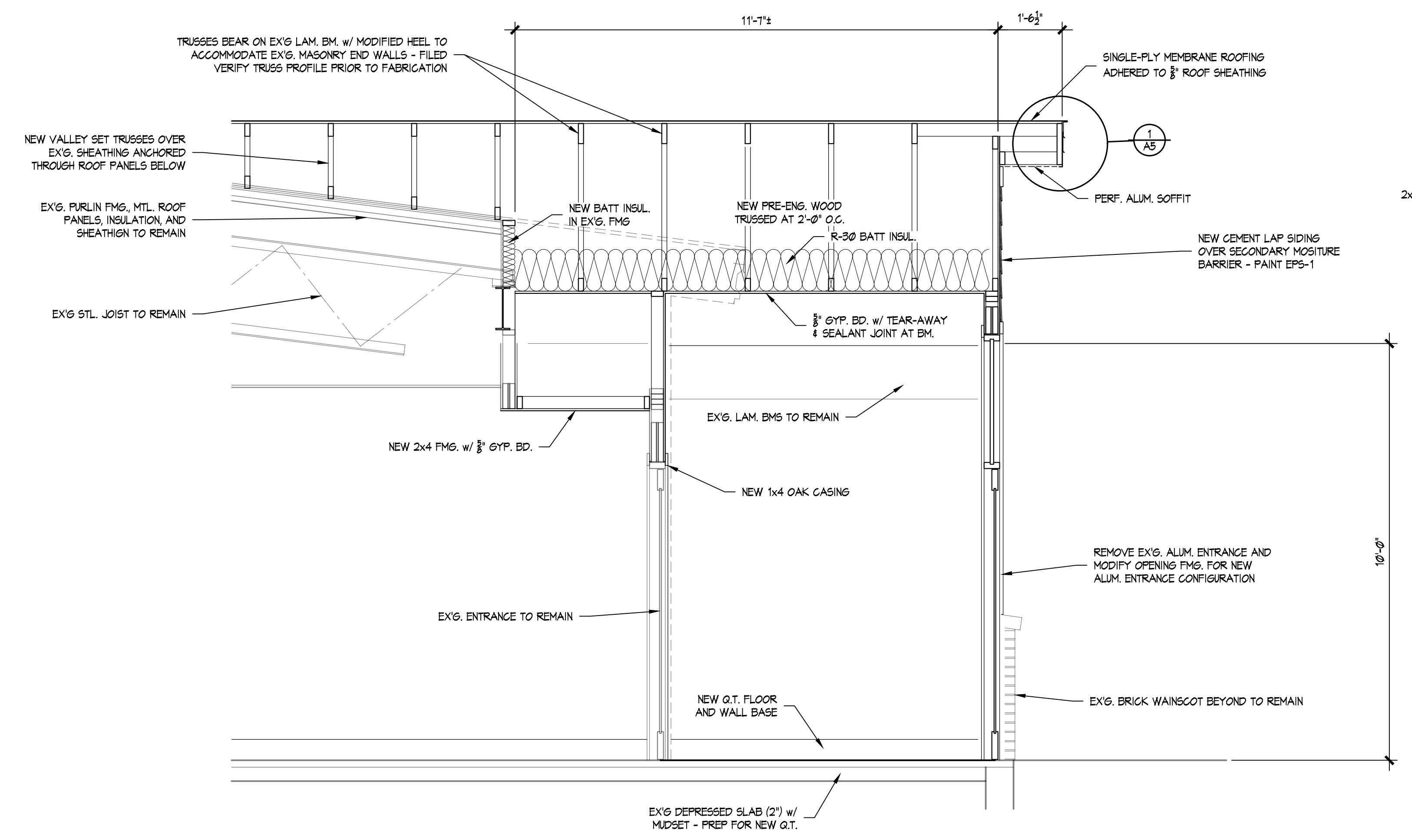
DEMO SECTION "B-B"
 SCALE: 1/4" = 1'-0"



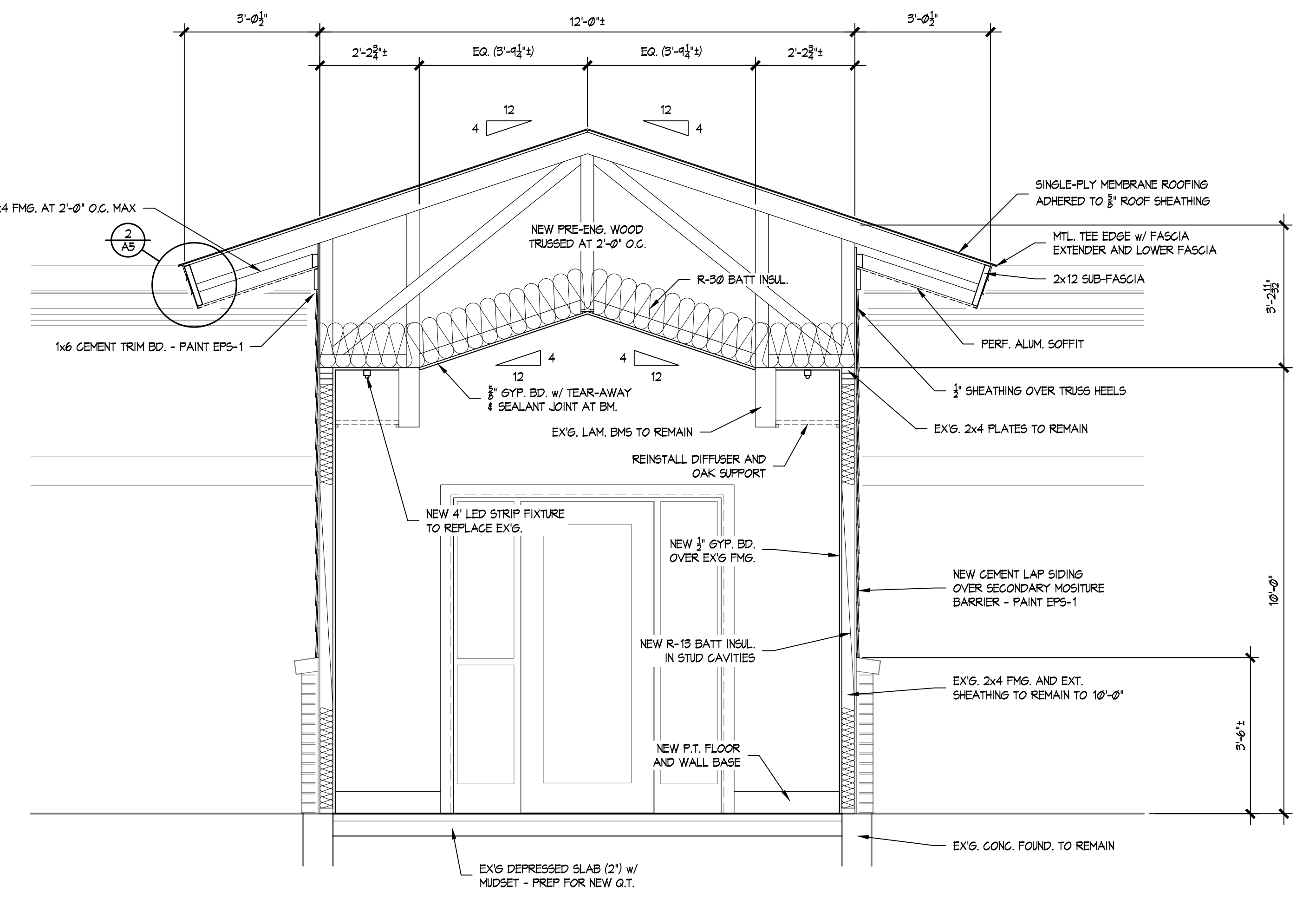
EDGE DETAIL
 SCALE: 1/2" = 1'-0"



EDGE DETAIL
 SCALE: 1/2" = 1'-0"



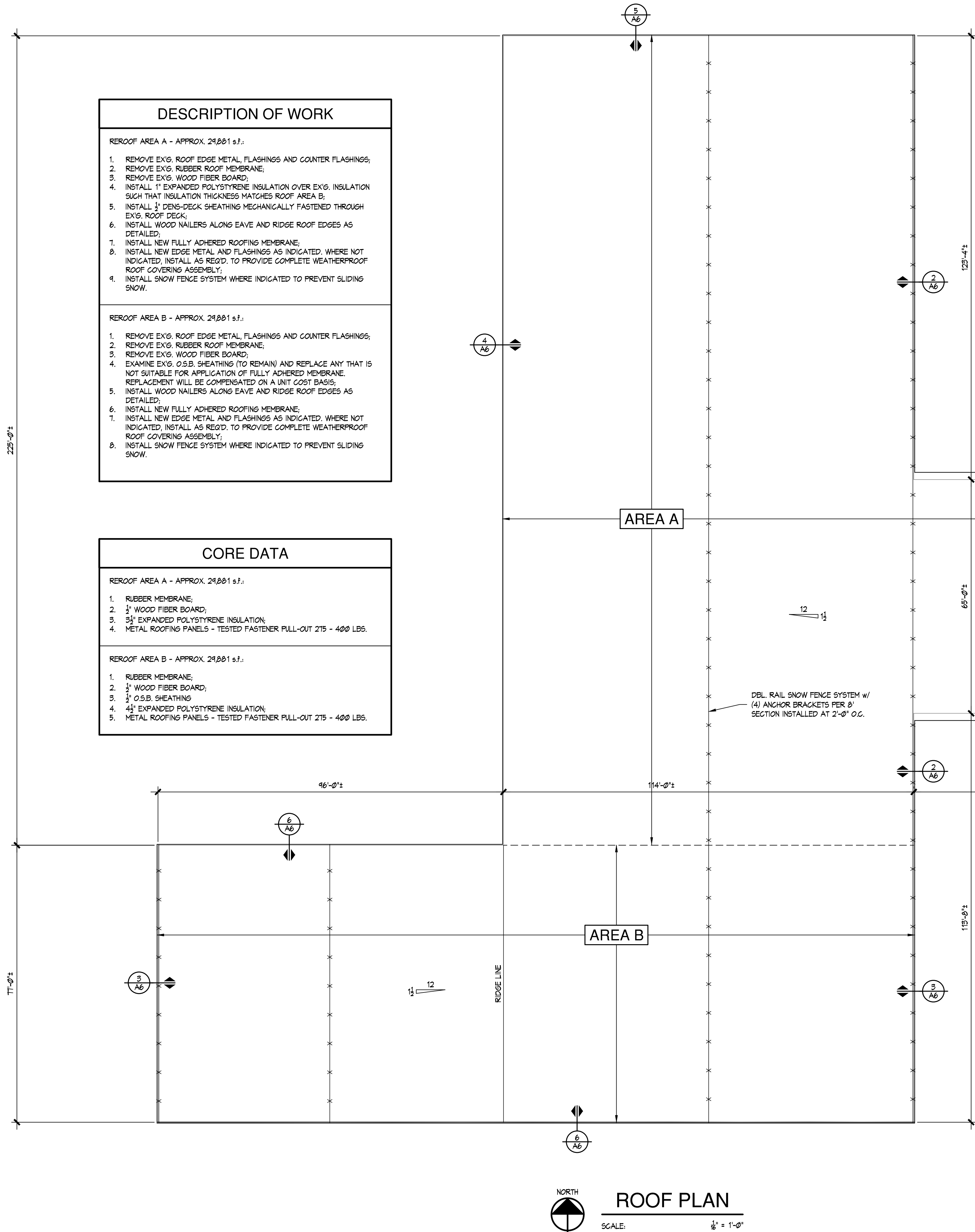
NEW WORK SECTION "A-A"
 SCALE: 1/2" = 1'-0"



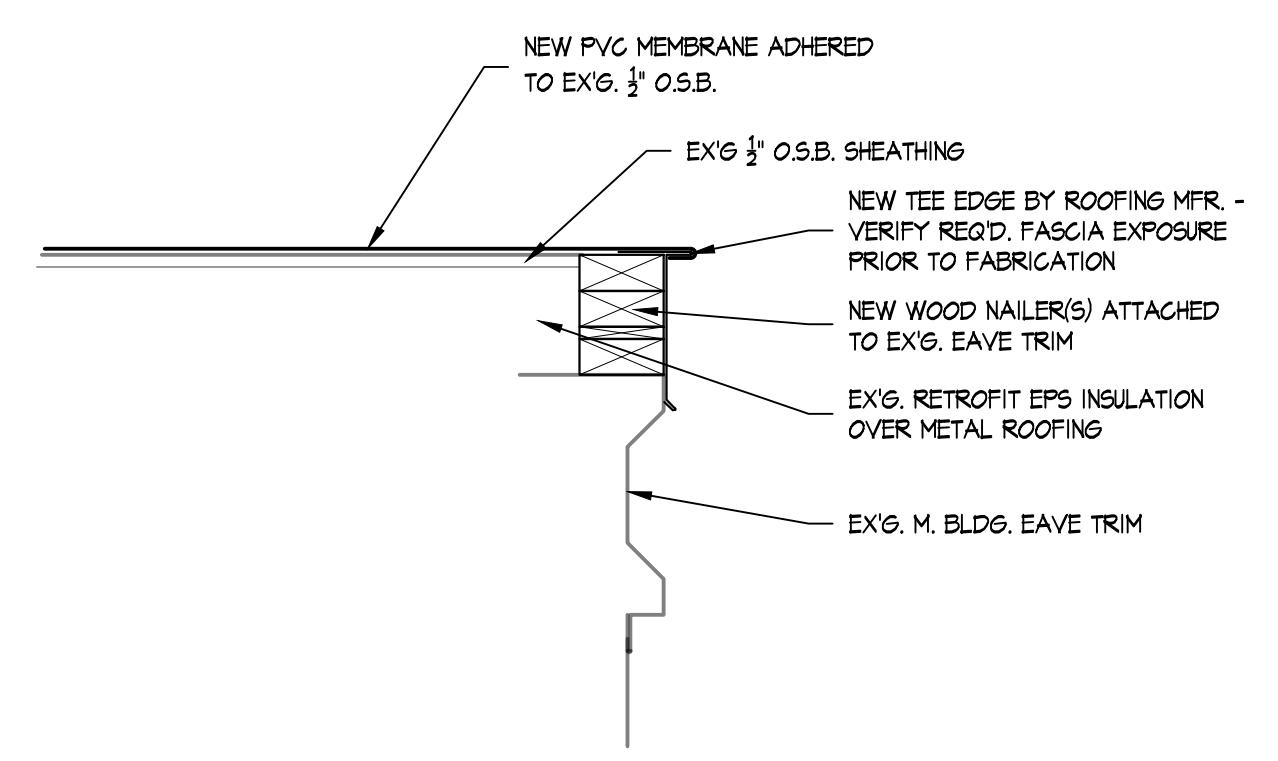
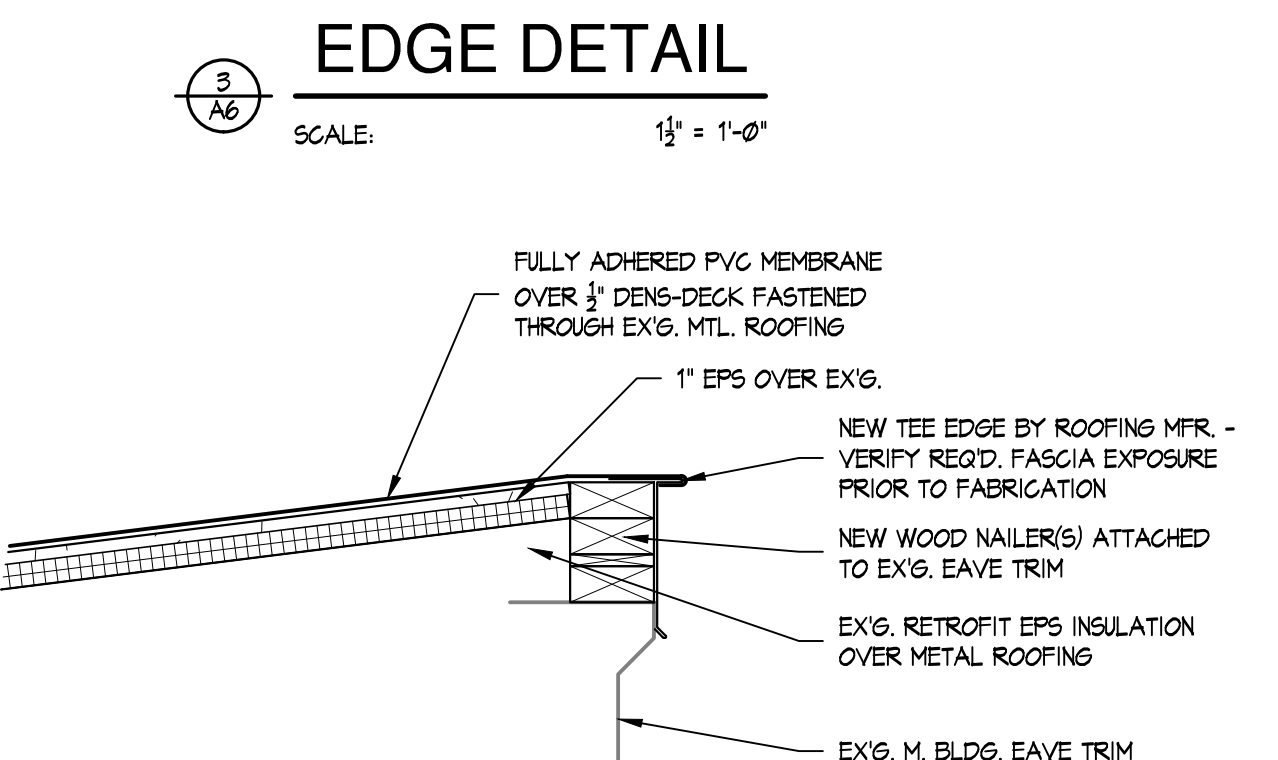
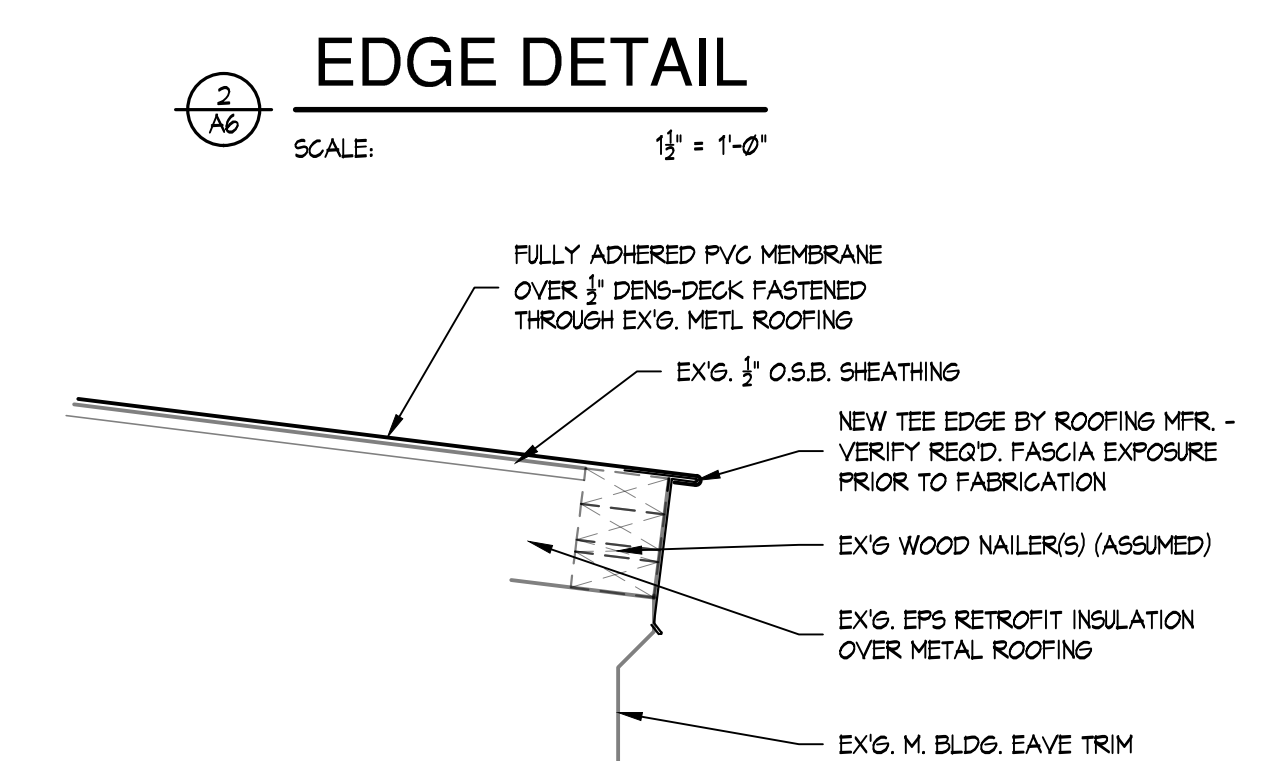
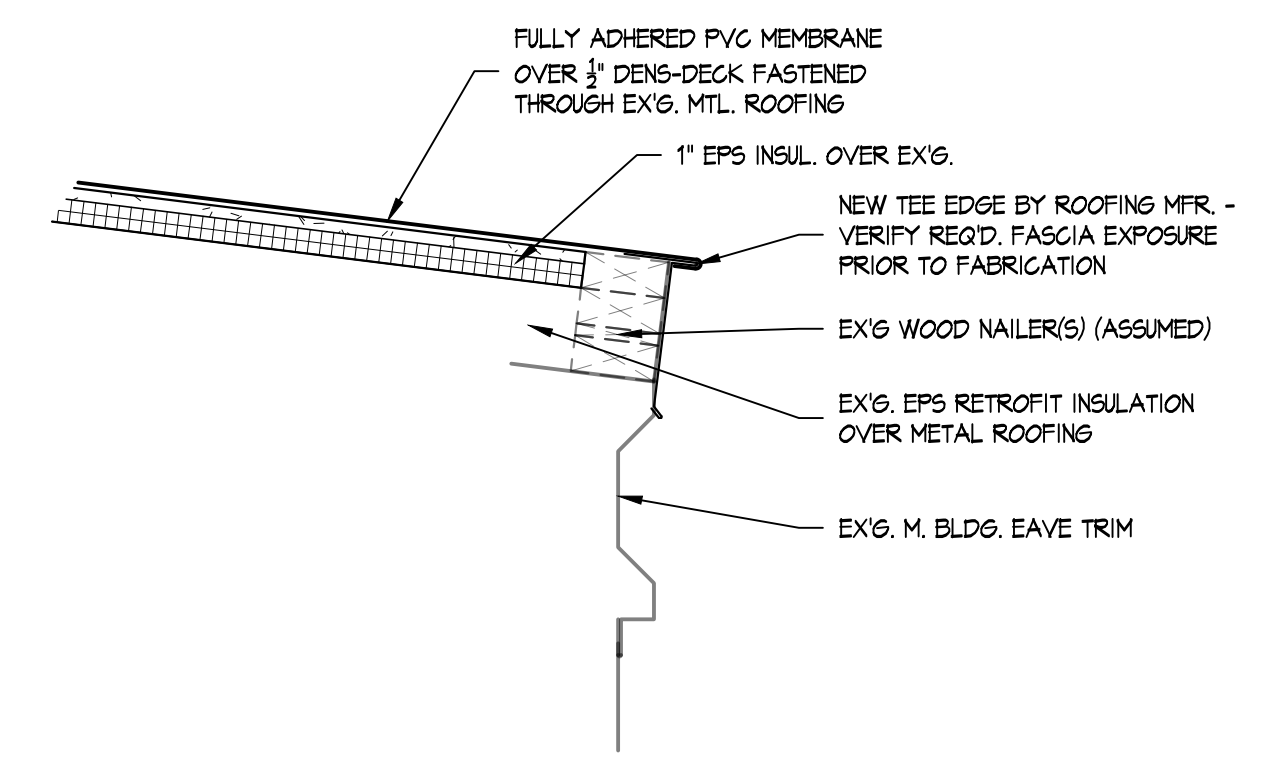
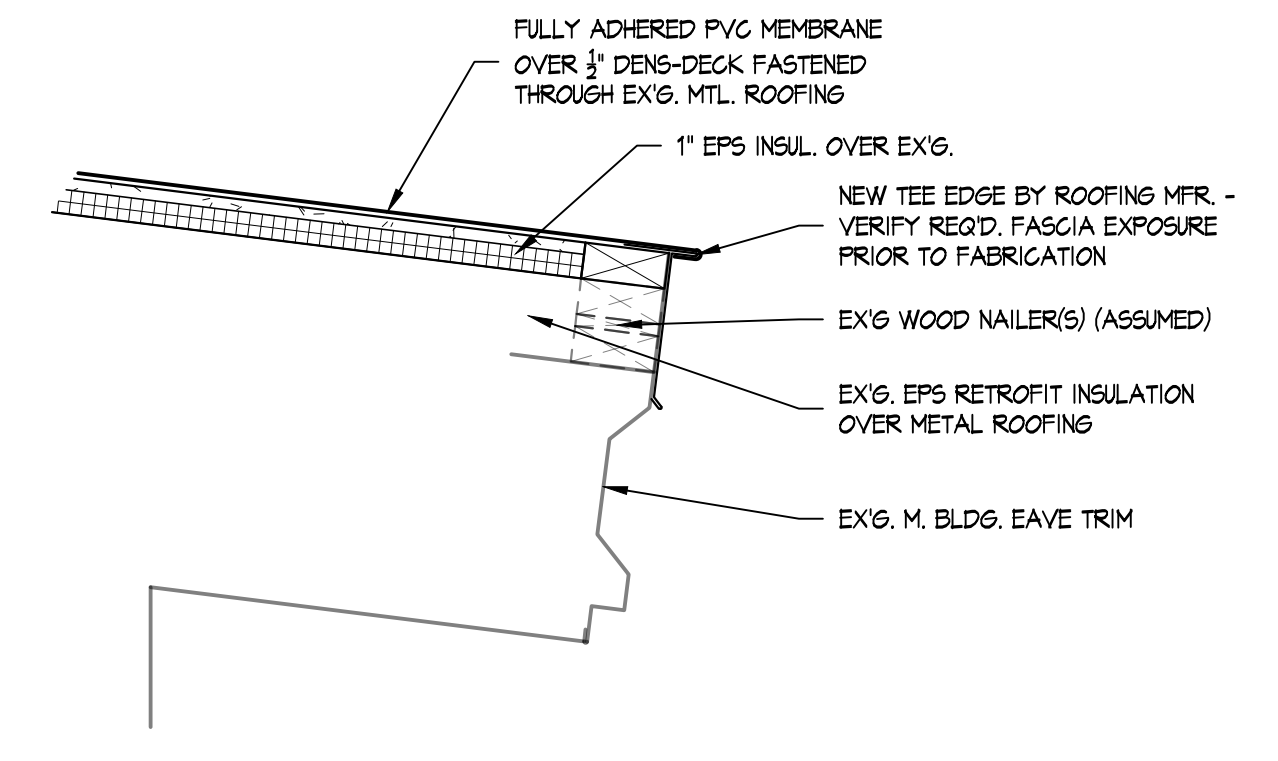
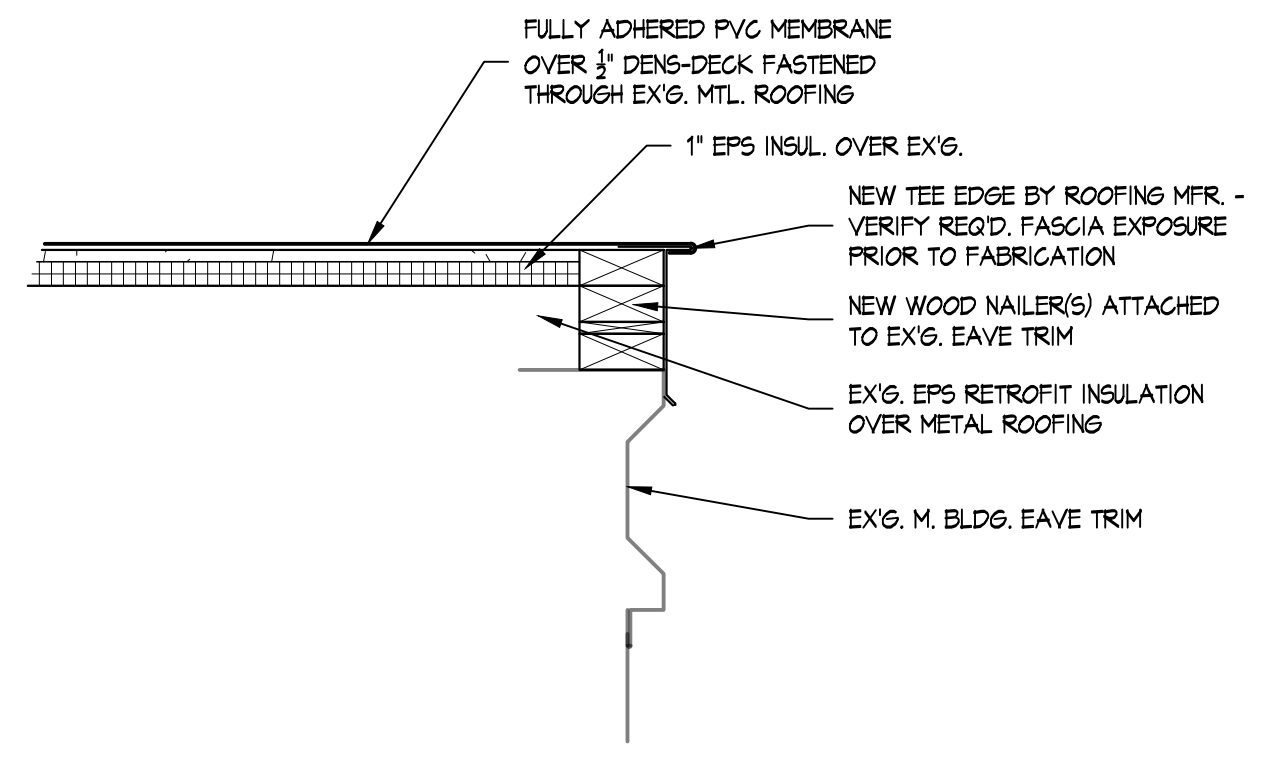
NEW WORK SECTION "B-B"
 SCALE: 1/2" = 1'-0"

DESCRIPTION OF WORK	
REROOF AREA A - APPROX. 24,881 s.f.:	
<ol style="list-style-type: none"> 1. REMOVE EXG. ROOF EDGE METAL, FLASHINGS AND COUNTER FLASHINGS; 2. REMOVE EXG. RUBBER ROOF MEMBRANE; 3. REMOVE EXG. WOOD FIBER BOARD; 4. INSTALL 1" EXPANDED POLYSTYRENE INSULATION OVER EXG. INSULATION SUCH THAT INSULATION THICKNESS MATCHES ROOF AREA B; 5. INSTALL 3/4" DENS-DECK SHEATHING MECHANICALLY FASTENED THROUGH EXG. ROOF DECK; 6. INSTALL WOOD NAILERS ALONG EAVE AND RIDGE ROOF EDGES AS DETAILED; 7. INSTALL NEW FULLY ADHERED ROOFING MEMBRANE; 8. INSTALL NEW EDGE METAL AND FLASHINGS AS INDICATED. WHERE NOT INDICATED, INSTALL AS REQ'D. TO PROVIDE COMPLETE WEATHERPROOF ROOF COVERING ASSEMBLY; 9. INSTALL SNOW FENCE SYSTEM WHERE INDICATED TO PREVENT SLIDING SNOW. 	
REROOF AREA B - APPROX. 24,881 s.f.:	
<ol style="list-style-type: none"> 1. REMOVE EXG. ROOF EDGE METAL, FLASHINGS AND COUNTER FLASHINGS; 2. REMOVE EXG. RUBBER ROOF MEMBRANE; 3. REMOVE EXG. WOOD FIBER BOARD; 4. EXAMINE EXG. O.S.B. SHEATHING (TO REMAIN) AND REPLACE ANY THAT IS NOT SUITABLE FOR APPLICATION OF FULLY ADHERED MEMBRANE. REPLACEMENT WILL BE COMPENSATED ON A UNIT COST BASIS; 5. INSTALL WOOD NAILERS ALONG EAVE AND RIDGE ROOF EDGES AS DETAILED; 6. INSTALL NEW FULLY ADHERED ROOFING MEMBRANE; 7. INSTALL NEW EDGE METAL AND FLASHINGS AS INDICATED. WHERE NOT INDICATED, INSTALL AS REQ'D. TO PROVIDE COMPLETE WEATHERPROOF ROOF COVERING ASSEMBLY; 8. INSTALL SNOW FENCE SYSTEM WHERE INDICATED TO PREVENT SLIDING SNOW. 	

CORE DATA	
REROOF AREA A - APPROX. 24,881 s.f.:	
<ol style="list-style-type: none"> 1. RUBBER MEMBRANE; 2. 3/4" WOOD FIBER BOARD; 3. 3/4" EXPANDED POLYSTYRENE INSULATION; 4. METAL ROOFING PANELS - TESTED FASTENER PULL-OUT 275 - 400 LBS. 	
REROOF AREA B - APPROX. 24,881 s.f.:	
<ol style="list-style-type: none"> 1. RUBBER MEMBRANE; 2. 3/4" WOOD FIBER BOARD; 3. 3/4" O.S.B. SHEATHING 4. 4 1/2" EXPANDED POLYSTYRENE INSULATION; 5. METAL ROOFING PANELS - TESTED FASTENER PULL-OUT 275 - 400 LBS. 	

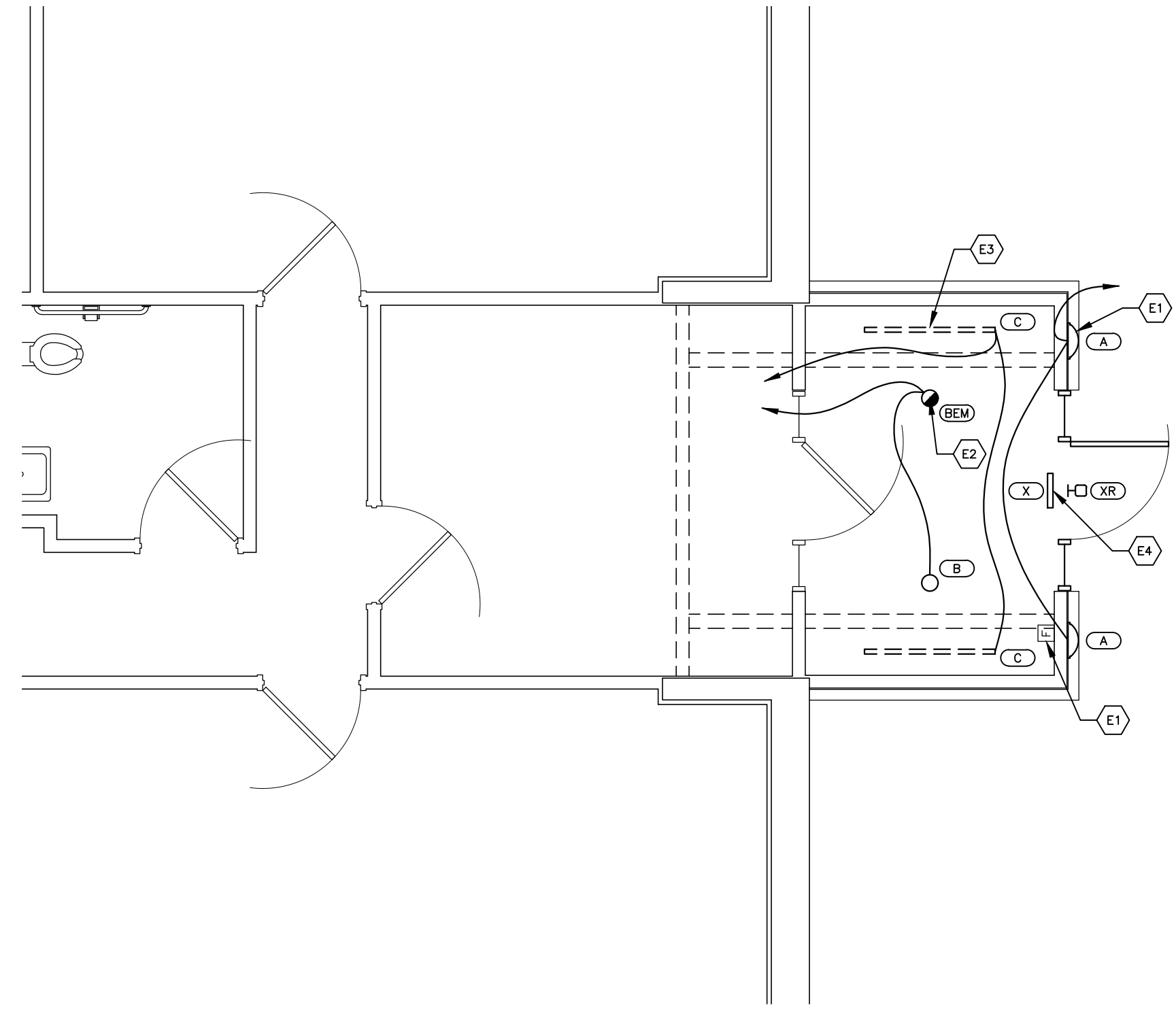


ROOF PLAN
SCALE: 1/8" = 1'-0"



EDGE DETAIL
SCALE: 1/2" = 1'-0"

EDGE DETAIL
SCALE: 1/2" = 1'-0"



NEW WORK LIGHTING PLAN

SCALE: $\frac{1}{4}'' = 1'-0''$

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURERS	LAMPS	VOLTS/WATTS	REMARKS
(A)	ARCHITECTURAL OUTDOOR ROUND DECORATIVE LED; CSA LISTED FOR WET LOCATION; DIE-CAST, MARINE GRADE ALUMINUM HOUSING; EPDM RIBBED, FOAM RUBBER GASKETING; INJECTION MOLDED POLYCARBONATE FASCIA w/ WEEP HOLES; UV-STABILIZING WHITE POLYCARBONATE DIFFUSER	1. TERON LIGHTING "HERITAGE" SERIES HRT-20.5-2840-100-277-CR5-xx-40K 2. ARCHITECT APPROVED EQUAL	LED 3100 LUMENS 4,000 K TEMP	100-277V / 21 W	OWNER TO SELECT COLOR
(B)	SLOPE CEILING ADJUSTABLE LED DOWN LIGHT; CANLESS INSTALLATION; 9 TO 45 DEGREE SLOPE ADJUSTMENT; SELECTABLE CORRELATED COLOR TEMPERATURE	1. HALO "RL6" SERIES RL56-15-9FS-1E-WH-DM-R w/ HLGRSMF MOUNTING FRAME 2. ARCHITECT APPROVED EQUAL	LED 1500 LUMENS 4,000 K TEMP	120V / 19 W	
(BEM)	SLOPE CEILING ADJUSTABLE LED DOWN LIGHT; SAME AS TYPE B w/ REMOTE EMERGENCY POWER INVERTER	1. HALO "RL6" SERIES RL56-15-9FS-1E-WH-DM-R w/ HLGRSMF MOUNTING FRAME 2. ARCHITECT APPROVED EQUAL	LED 1500 LUMENS 4,000 K TEMP	120V / 19 W	w/ MYERS LVU-2 EMERGENCY INVERTER
(C)	LINEAR SINGLE LED STRIPLIGHT; 1.8" WIDTH DIE FORMED CHANNEL; SURFACE MOUNT	1. METALUX "ST" SERIES 4ST1L2040R 2. ARCHITECT APPROVED EQUAL	LED 1500 LUMENS 4,000 K TEMP	120V / 19.4W	
(X)	EXIT SIGN; DAMP LOCATION LISTED; UNIVERSAL CANOPY FOR END, WALL OR CEILING MOUNTING; COMPATIBLE w/ MVH REMOTE HEAD; DUAL RATE CHARGER; INTEGRAL AC INDICATOR AND PUSH-TO-TEST SWITCH; SOLID STATE TRANSFER RELAY; DUAL NICKLE CADMIUM BATTERIES	1. ISOLITE "RLP" SERIES RLP-R-U-WH-MTEB 2. ARCHITECT APPROVED EQUAL	LED 1500 LUMENS	120V	
(XR)	REMOTE LED EXIT DISCHARGE LIGHT; NEMA 4X RATING; MULTI-VOLT OPERATION; STANDARD 1.0 W HEAD; WET LOCATION, WEATHERPROOF	1. ISOLITE "MWH" SERIES MWH-GY-1-LW 2. ARCHITECT APPROVED EQUAL	LED	1 W	POWER BY TYPE X EXIT SIGN EM BATTERY

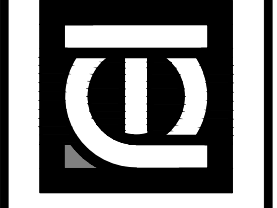
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E1

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PROJECT NO.
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PROJECT TITLE
PROPOSED REROOFING AND VESTIBULE RENOVATION FOR:
OTSEGO COUNTY ROAD COMMISSION
GAYLORD, MICHIGAN

DRAWING TITLE
**ELECTRICAL LIGHTING PLAN
AND SCHEDULE**



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