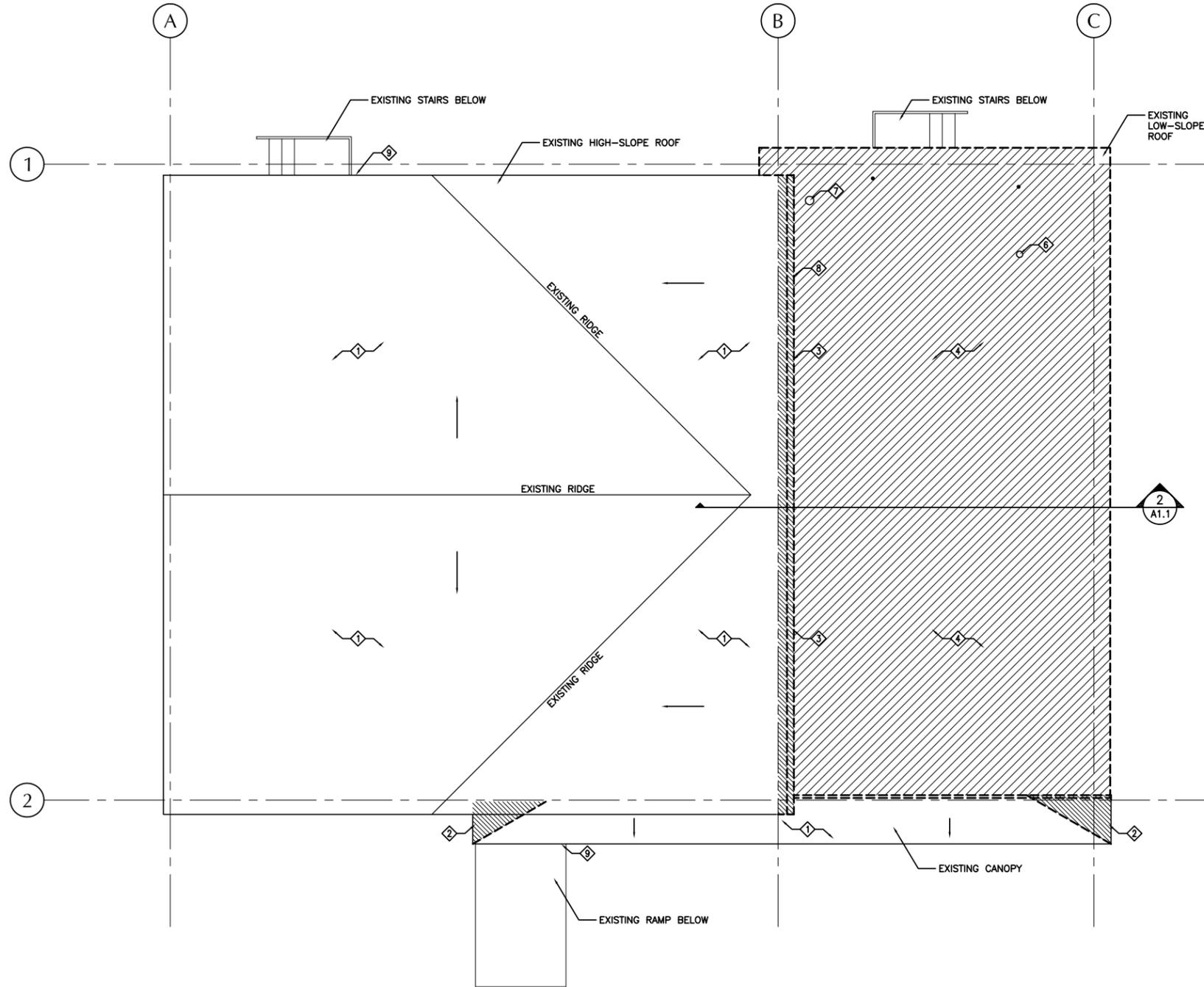
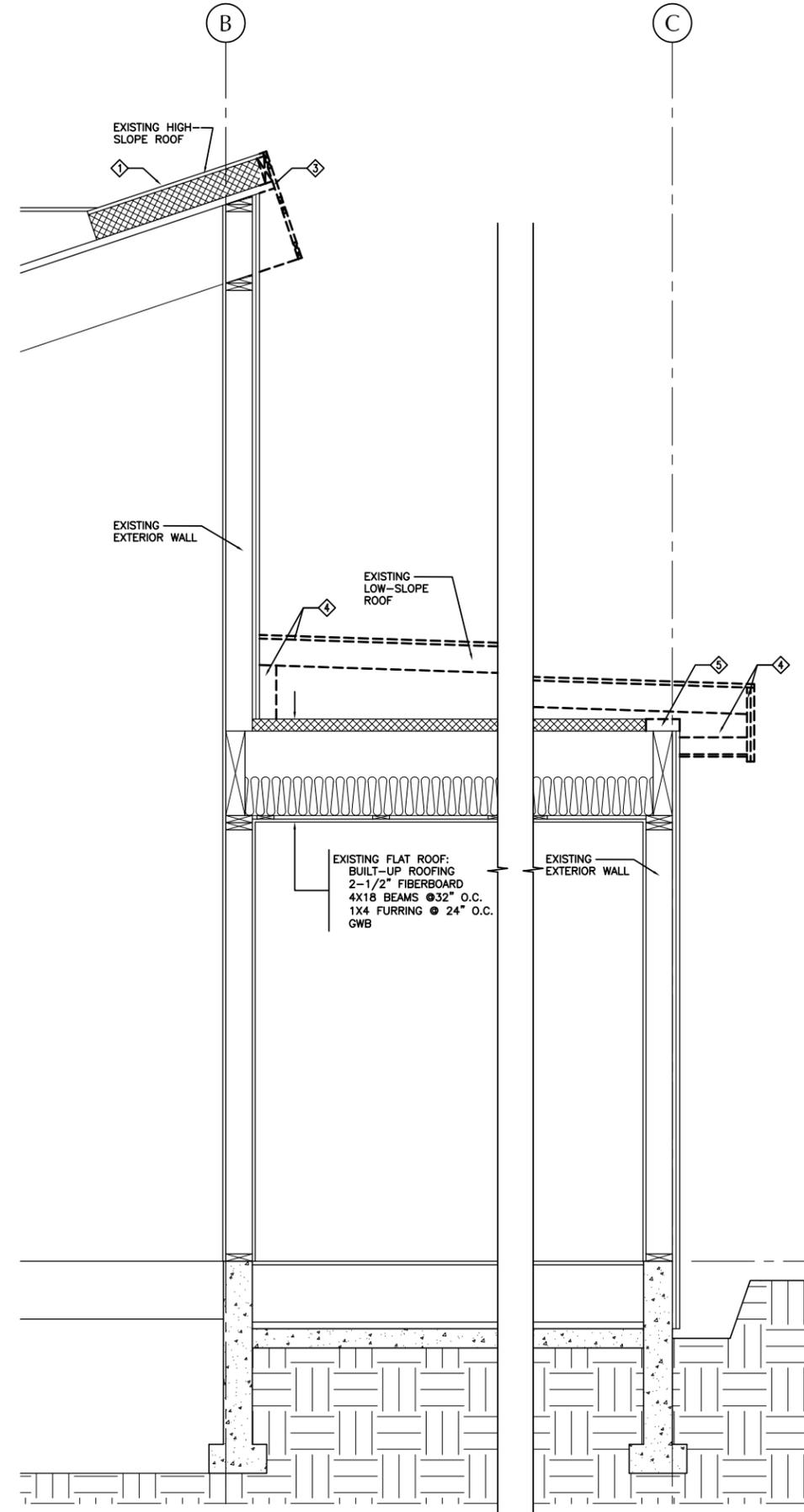


NOTES:

- ① REMOVE EXIST. WOOD SHAKES AND ASPHALT UNDERLAYMENT FROM EXISTING PLYWOOD DECK ON HIGH-SLOPE ROOF. REMOVE ALL FLASHINGS AND ASSOCIATED ITEMS. PREPARE FOR NEW ROOFING.
- ② REMOVE FRAMING, PLYWOOD DECK AND MISC. ITEMS AS REQUIRED FOR NEW HIP ROOF FRAMING.
- ③ NEATLY CUT PLYWOOD DECK, FRAMING, BEAM ENDS AND OTHER MISC. ITEMS FLUSH WITH EXISTING STUD FACE AS REQUIRED FOR NEW ROOF FRAMING.
- ④ REMOVE EXISTING LOW-SLOPE ROOF CONSISTING OF 2X8 FRAMING, PLYWOOD DECK, BUILT-UP ROOFING, SOFFITS, FASCIAS AND MISC. ITEMS. PREPARE FOR NEW ROOF FRAMING.
- ⑤ REMOVE FIBERBOARD INSULATION AND BUILT-UP ROOF AS REQUIRED FOR INSTALLATION OF NEW ROOF FRAMING.
- ⑥ PREPARE EXISTING 6" DIAMETER ROOF VENT FOR EXTENSION.
- ⑦ PREPARE EXISTING BOILER STACK FOR EXTENSION.
- ⑧ REMOVE EXISTING 4'-6" X 10'-0" WOOD WINDOW AND ALL ASSOCIATED TRIM. PREPARE FOR NEW FINISHES.
- ⑨ CAREFULLY REMOVE EXIST. GUTTERS AND SAVE FOR RE-INSTALLATION.
- ⑩ CAREFULLY REMOVE EXIST. SIGN AND SAVE FOR RE-INSTALLATION.



① ROOF PLAN - DEMO
Scale: 3/16" = 1'-0" 0' 4' 12'



② BUILDING SECTION - DEMO
Scale: 3/4" = 1'-0" 0' 6' 18'



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CONSTRUCTION DOCUMENTS

**HAINES ADMIN. BUILDING
RE-ROOF**

FOR
HAINES BOROUGH

MRV # 1410

SHEET TITLE:
DEMO PLANS

DATE: JULY 31, 2014
SCALE: AS NOTED
DRAWN: CW
CHECKED: CW

SHEET NO.
A1.1



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**HAINES ADMIN. BUILDING
 RE-ROOF**
 FOR
HAINES BOROUGH
 MRV # 1410

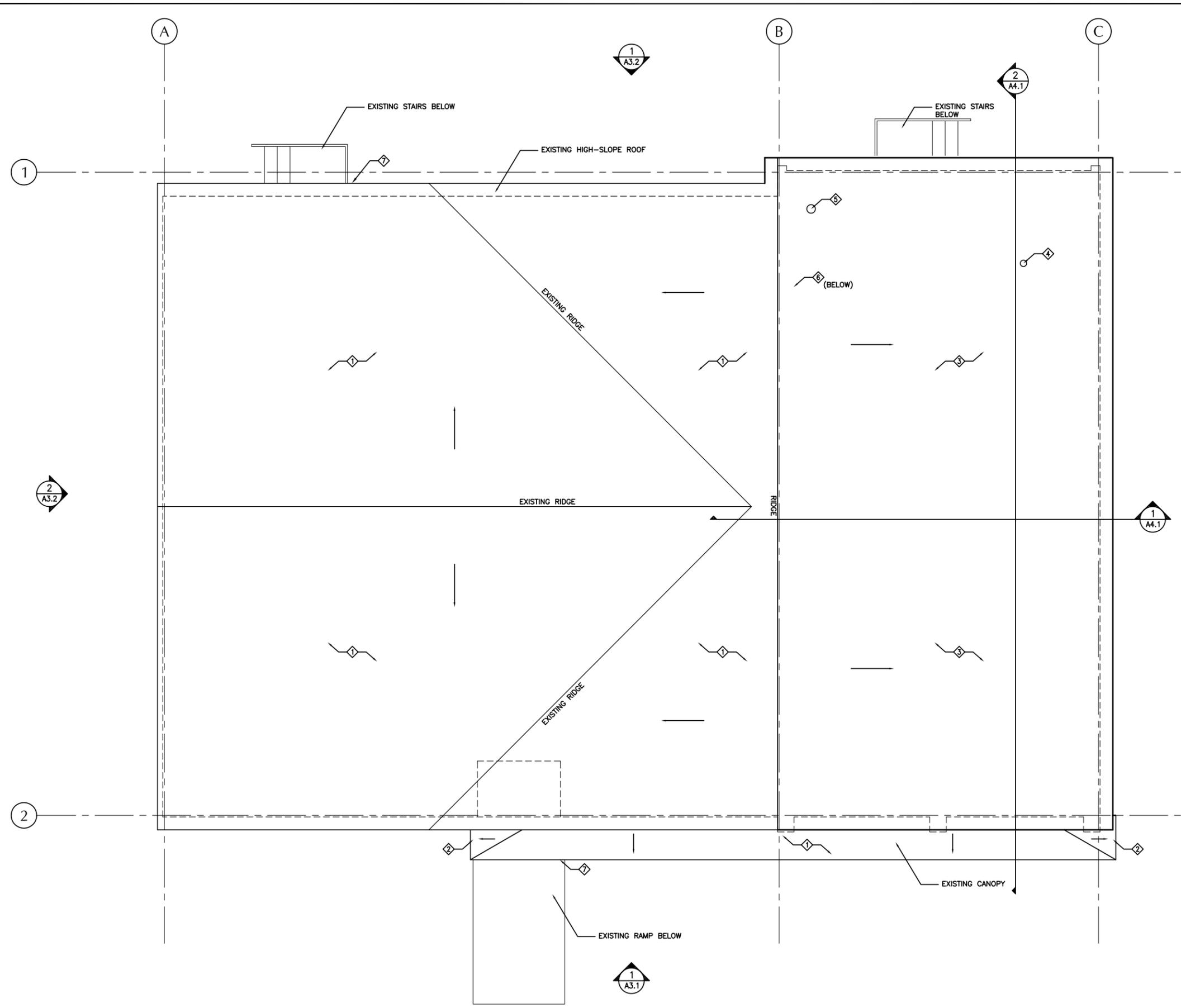
SHEET TITLE:
ROOF PLAN

DATE: JULY 31, 2014
 SCALE: AS NOTED
 DRAWN: CW
 CHECKED: CW

SHEET NO.
A2.1

NOTES:

- 1 SHINGLES AND UNDERLAYMENT OVER EXISTING PLYWOOD DECK.
- 2 SHINGLES AND UNDERLAYMENT OVER 3/4" PLYWOOD DECKING OVER 2X6 HIP ROOF FRAMING.
- 3 SHINGLES AND UNDERLAYMENT OVER 3/4" PLYWOOD OVER FRAMING.
- 4 EXTEND EXISTING 6" DIAMETER ROOF VENT ABOVE ROOF.
- 5 EXTEND EXISTING BOILER STACK ABOVE ROOF.
- 6 NEW GWB, POLY VAPOR BARRIER AND 2X6 STUD FRAMING INFILL IN LOCATION OF REMOVED WOOD WINDOW. PATCH (E) WALL FOR SEAMLESS INTERIOR APPEARANCE. PATCH NORTH FACE WITH 3/4" PLYWOOD SHEATHING.
- 7 RE-INSTALL EXIST. GUTTERS.



1 **ROOF PLAN**
 Scale: 1/4" = 1'-0"
 0' 2' 5'



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MRV # 1410

CONSTRUCTION DOCUMENTS
**HAINES ADMIN. BUILDING
RE-ROOF**
FOR
HAINES BOROUGH

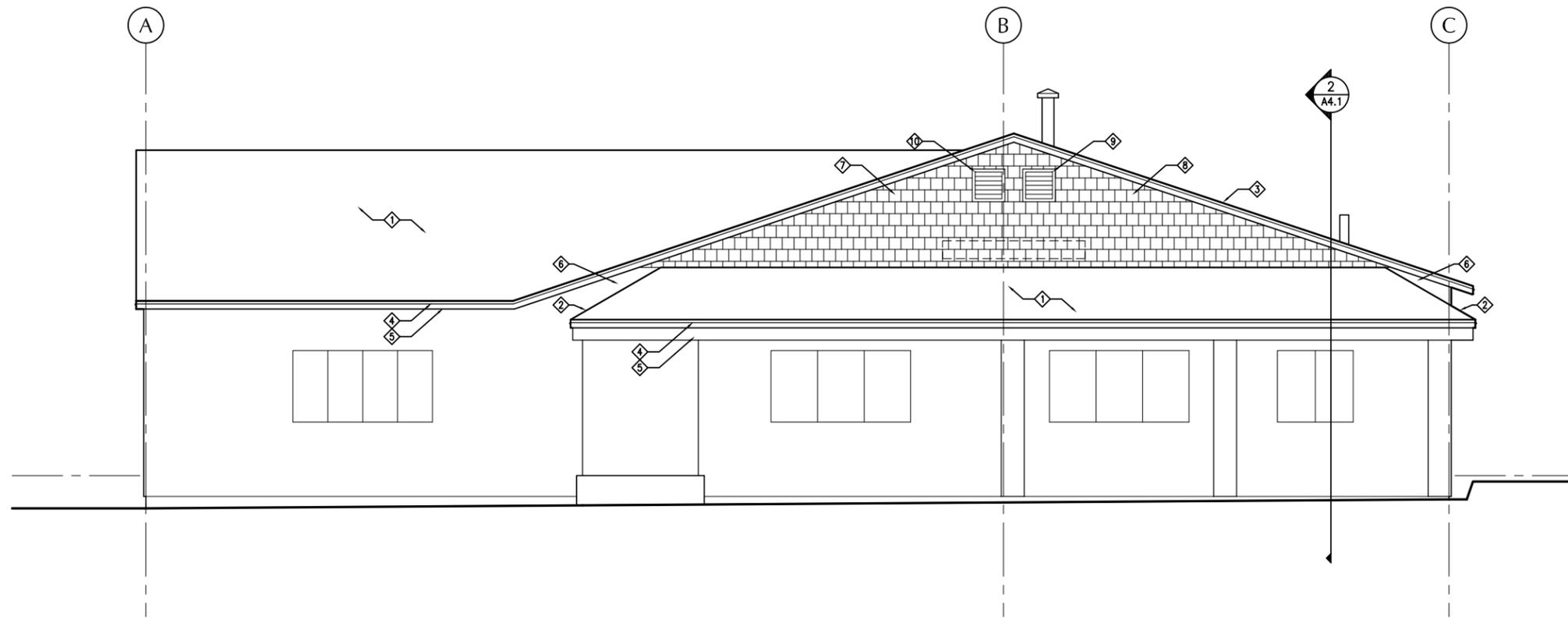
SHEET TITLE:
**EXTERIOR
ELEVATIONS**

DATE: JULY 31, 2014
SCALE: AS NOTED
DRAWN: CW
CHECKED: CW

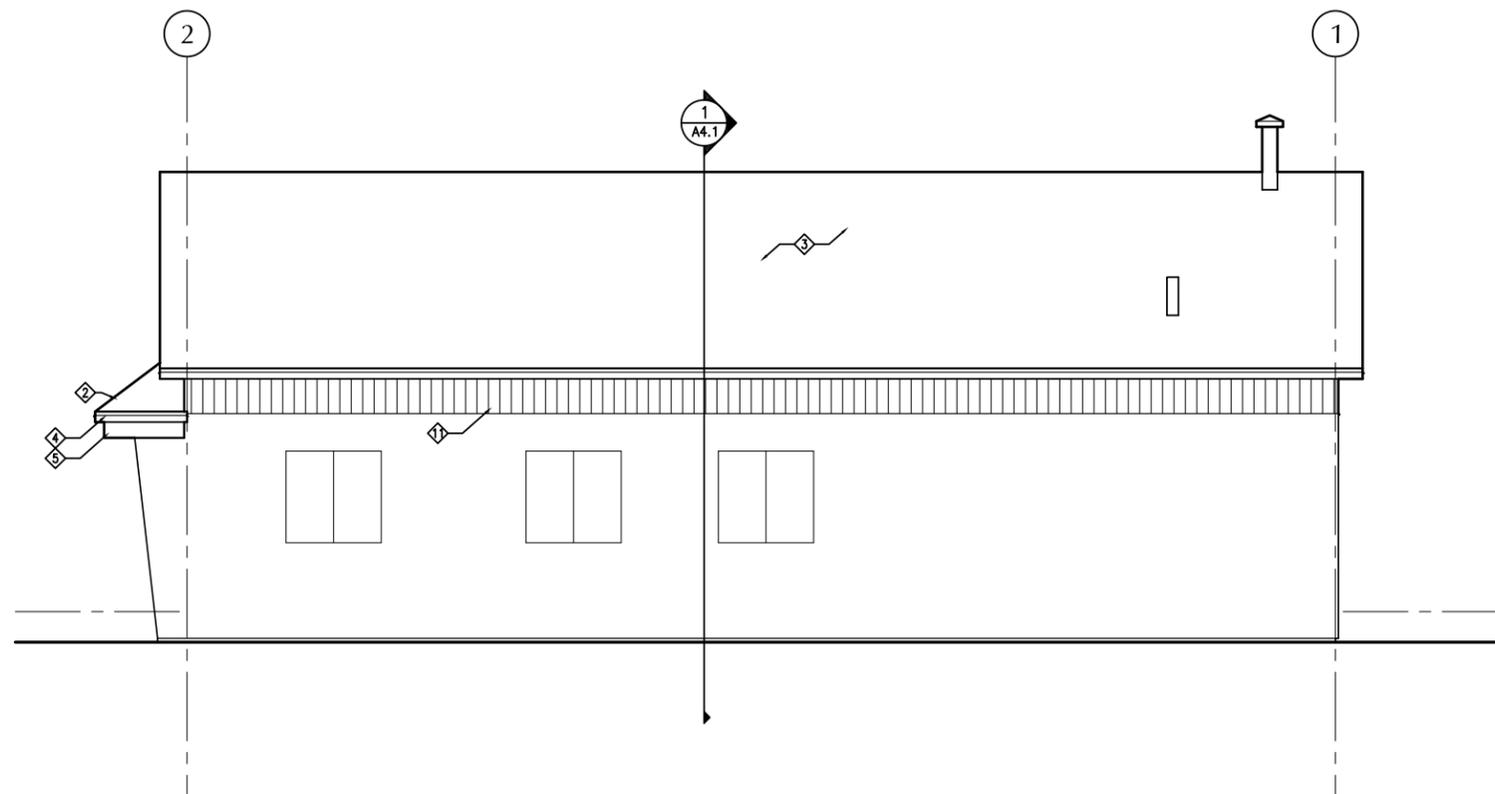
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NOTES:

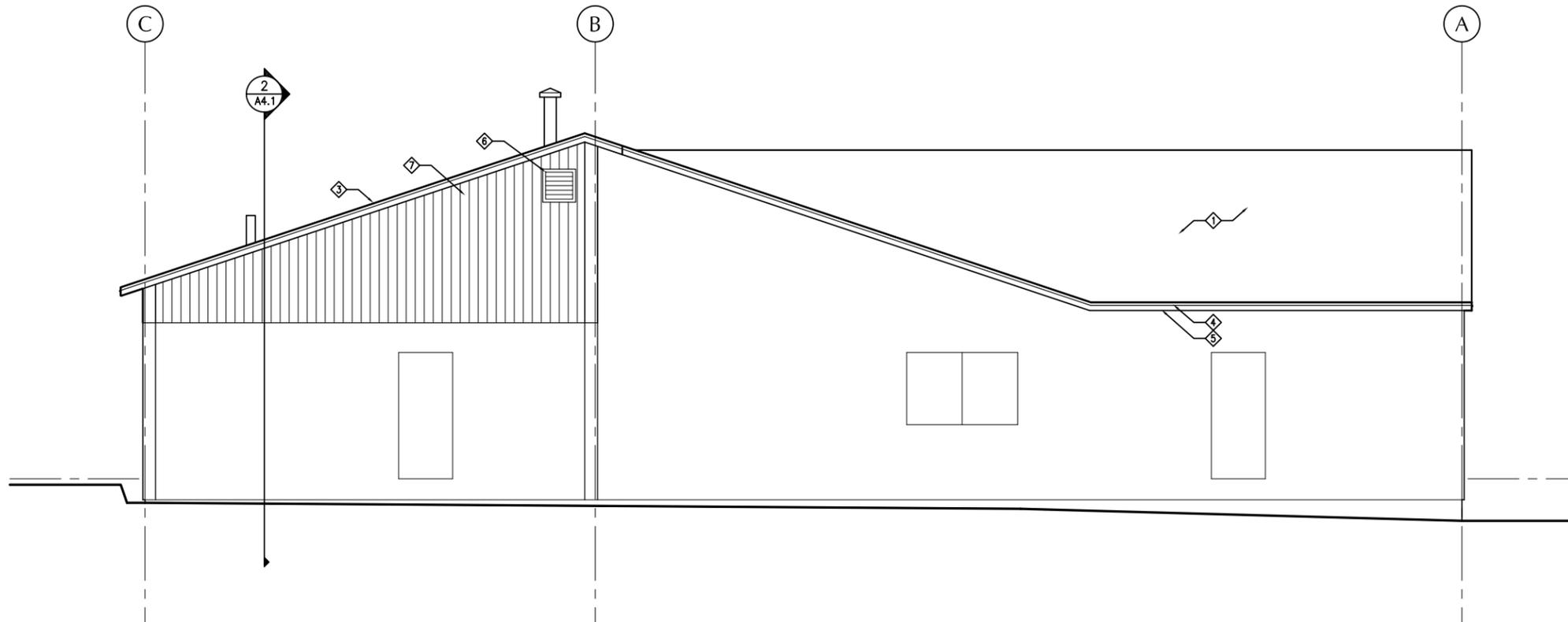
- 1 SHINGLES AND UNDERLAYMENT OVER EXISTING PLYWOOD DECK.
- 2 SHINGLES AND UNDERLAYMENT OVER 3/4" PLYWOOD DECKING OVER 2X6 HIP ROOF FRAMING.
- 3 SHINGLES AND UNDERLAYMENT OVER 3/4" PLYWOOD OVER FRAMING.
- 4 PRE-FINISHED METAL FLASHING WITH 2" VERTICAL LEG AND 3/4"HEMMED DRIP EDGE AT ALL ROOF EDGES, TYPICAL.
- 5 PAINT ALL EXISTING FASCIAS, TYPICAL
- 6 PATCH T-111 SIDING AS REQUIRED FOR SEAMLESS APPEARANCE. PAINT TO MATCH ADJACENT SIDING.
- 7 CEDAR SHINGLES W/ 8" EXPOSED FACE OVER EXISTING SIDING.
- 8 CEDAR SHINGLES W/ 8" EXPOSED FACE OVER BUILDING WRAP, 3/4" PLYWOOD SHEATHING AND 2X6 FRAMING AT 16" O.C.
- 9 18" PRE-FINISHED METAL LOUVER INTO ATTIC SPACE.
- 10 18" PRE-FINISHED METAL LOUVER OVER EXISTING SIDING. PAINT SIDING BEHIND FLAT BLACK.
- 11 T-111 SIDING, MATCH EXISTING SEAMING AND REVEAL PATTERN. PAINT TO MATCH ADJACENT SIDING.



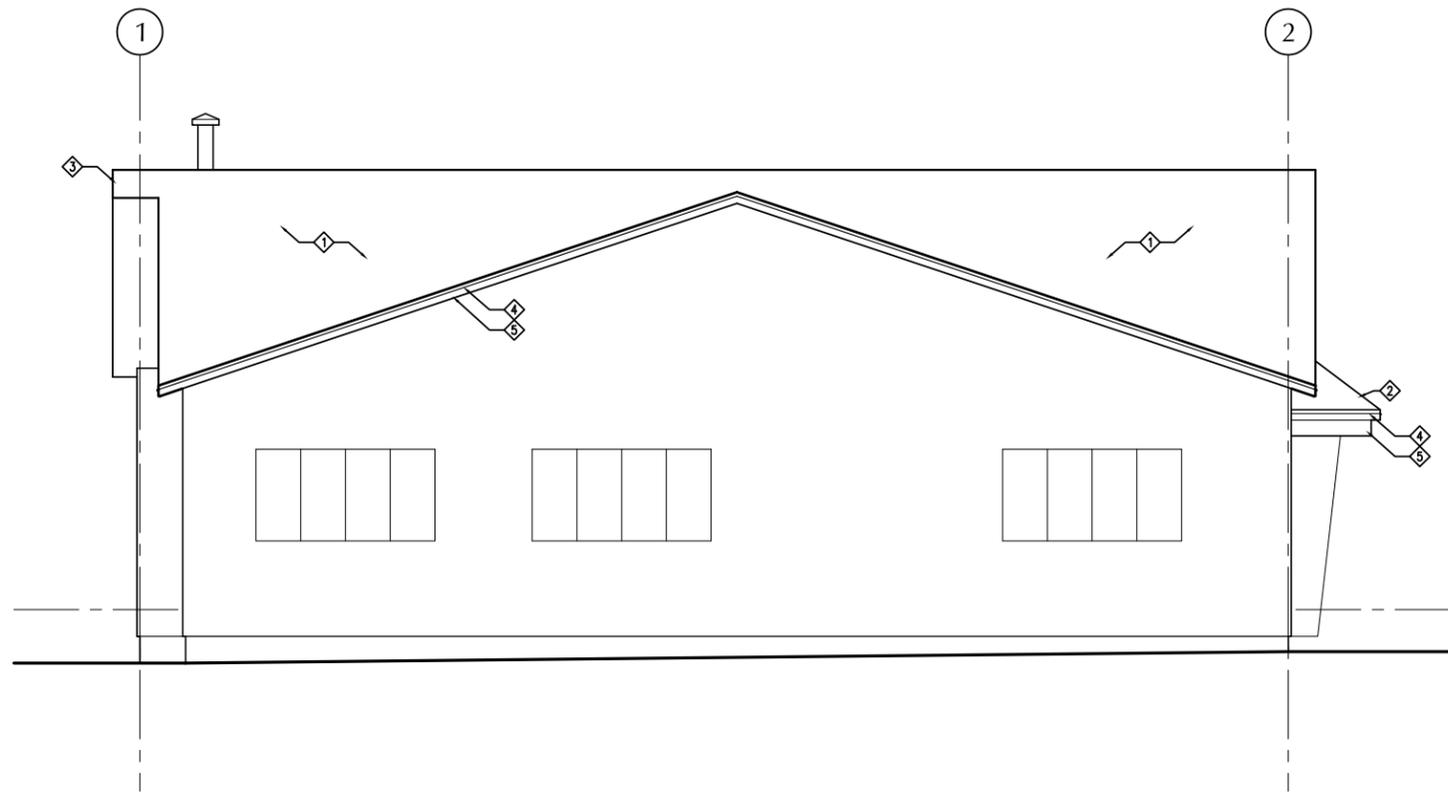
1 EAST EXTERIOR ELEVATION
Scale: 1/4" = 1'-0" 0' 2' 5'



2 NORTH EXTERIOR ELEVATION
Scale: 1/4" = 1'-0" 0' 2' 5'



1 WEST EXTERIOR ELEVATION
Scale: 1/4" = 1'-0" 0' 2' 5'



2 SOUTH EXTERIOR ELEVATION
Scale: 1/4" = 1'-0" 0' 2' 5'

NOTES:

- 1 SHINGLES AND UNDERLAYMENT OVER EXISTING PLYWOOD DECK.
- 2 SHINGLES AND UNDERLAYMENT OVER 3/4" PLYWOOD DECKING OVER 2X6 HIP ROOF FRAMING.
- 3 SHINGLES AND UNDERLAYMENT OVER 3/4" PLYWOOD OVER FRAMING.
- 4 PRE-FINISHED METAL FLASHING WITH 2" VERTICAL LEG AND 3/4"HEMMED DRIP EDGE AT ALL ROOF EDGES, TYPICAL.
- 5 PAINT ALL EXISTING FASCIAS, TYPICAL
- 6 18" PRE-FINISHED METAL LOUVER INTO ATTIC SPACE.
- 7 T-111 SIDING, MATCH EXISTING SEAMING AND REVEAL PATTERN OVER BUILDING WRAP, 3/4" PLYWOOD SHEATHING AND 2X6 FRAMING AT 16" O.C. PAINT TO MATCH ADJACENT SIDING.



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CONSTRUCTION DOCUMENTS
**HAINES ADMIN. BUILDING
RE-ROOF**
FOR
HAINES BOROUGH
MRV # 1410

SHEET TITLE:
**EXTERIOR
ELEVATIONS**

DATE: JULY 31, 2014
SCALE: AS NOTED
DRAWN: CW
CHECKED: CW

SHEET NO.
A3.2



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MRV # 1410

CONSTRUCTION DOCUMENTS

**HAINES ADMIN. BUILDING
RE-ROOF**

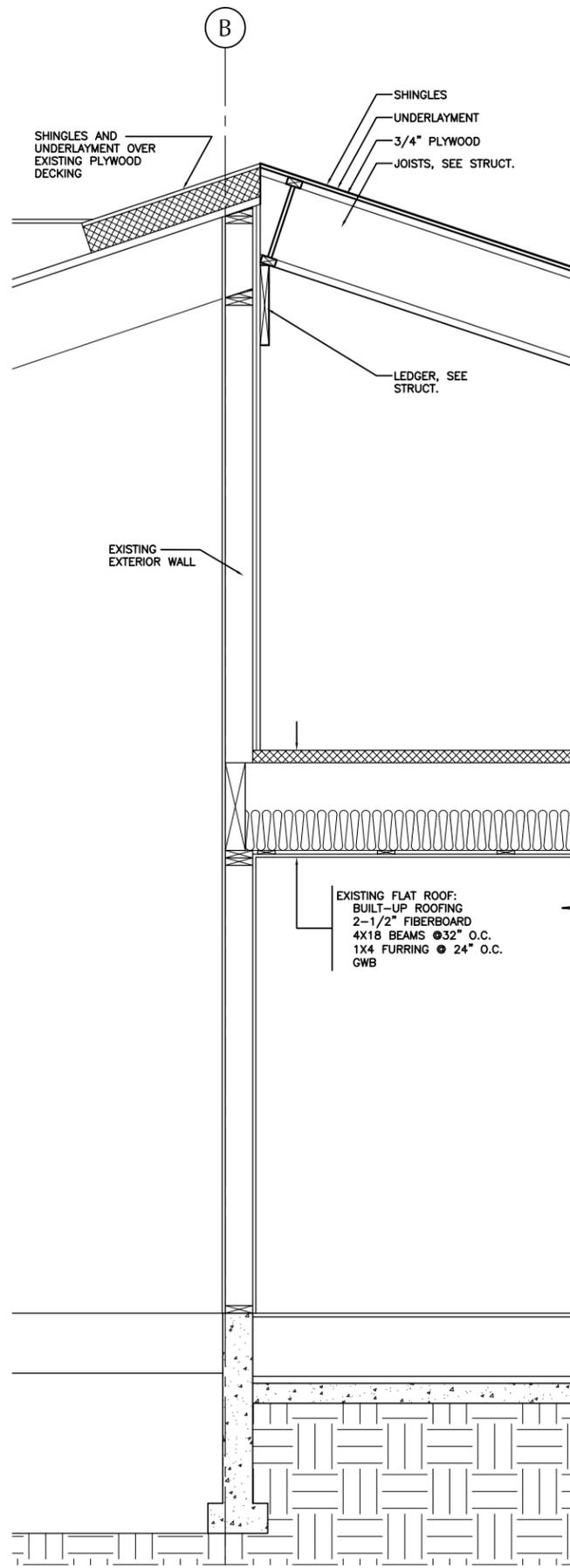
FOR
HAINES BOROUGH

SHEET TITLE:
**BUILDING
SECTIONS**

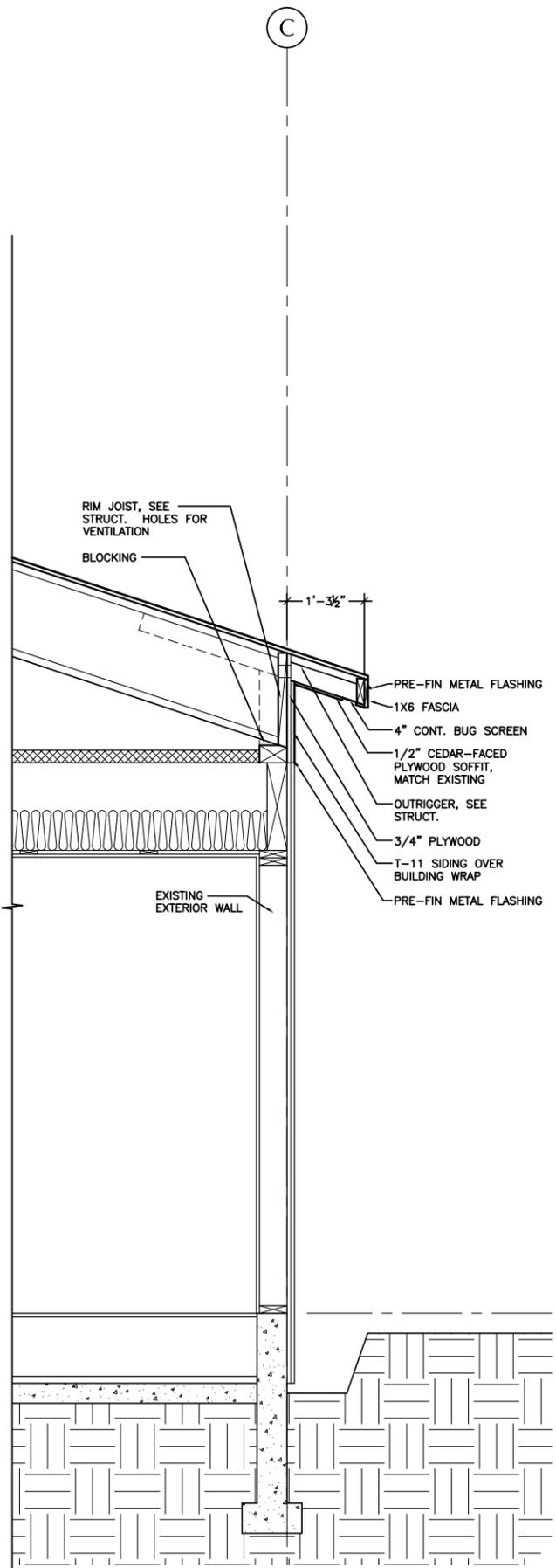
DATE: JULY 31, 2014
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SHEET NO.

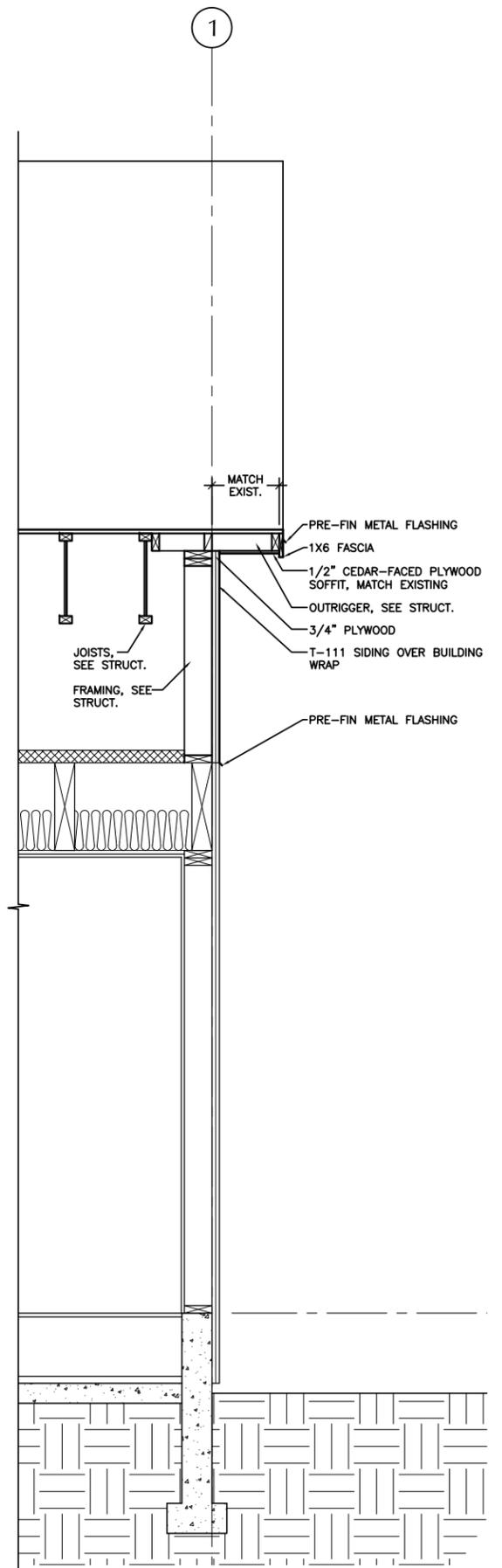
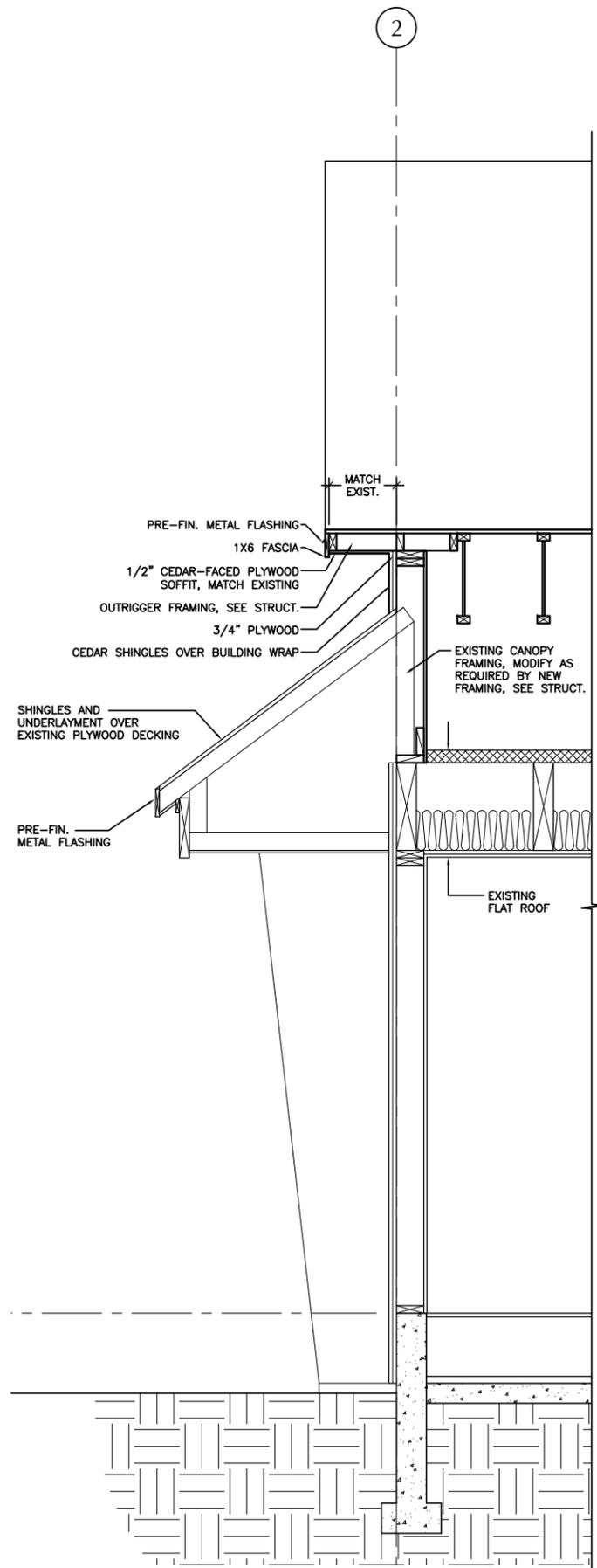
A4.1



1 BUILDING SECTION
Scale: 3/4" = 1'-0"
0' 6' 18"



2 BUILDING SECTION
Scale: 3/4" = 1'-0"
0' 6' 18"



1 BUILDING SECTION
Scale: 3/4" = 1'-0"
0' 6' 18"

STRUCTURAL GENERAL NOTES

CRITERIA

CODE: 2009 EDITION OF INTERNATIONAL BUILDING CODE (IBC) AS AMENDED BY THE STATE OF ALASKA.

OCCUPANCY CATEGORY: II

LOADS:

SNOW LOAD:

GROUND SNOW LOAD: 109 PSF
 THERMAL COEFFICIENT, $C_e = 1.1$ AT VENTED ROOF
 EXPOSURE COEFFICIENT, $C_t = 1.0$
 IMPORTANCE, $I_s = 1.0$ (OCCUPANCY CATEGORY II)
 FLAT ROOF SNOW: 85 PSF

WIND LOADS:

WIND SPEED= 100 MILES PER HOUR (3-SECOND GUST)
 EXPOSURE= C
 IMPORTANCE= 1.0

SEISMIC LOADS:

SITE CLASS: D
 $S_s = 1.20g$, $F_a = 1.02$, $S_{ds} = 0.82g$
 $S_1 = 0.47g$, $F_v = 1.53$, $S_{d1} = 0.48g$
 DESIGN CATEGORY D
 $R = 6.5$ (TIMBER SHEAR WALLS)
 IMPORTANCE, $I_e = 1.0$
 $C_s = 0.13g$

MATERIALS AND CONSTRUCTION

LAMINATED VENEER LUMBER:

LAMINATED VENEER LUMBER (LVL) SHALL BE RED LAM LVL, OR APPROVED EQUAL, WITH THE FOLLOWING PROPERTIES: $E = 2.0 \times 10^6$ PSI, $F_b = 2900$ PSI, $F_v = 285$ PSI, $F_{cp} = 750$ PSI, $F_c = 2635$ PSI. STORE, SHIP, AND HANDLE PER MANUFACTURER'S INSTRUCTION.

I JOISTS:

I JOISTS SHALL BE AS MANUFACTURED BY THE RED BUILT CO. SHIP, HANDLE AND INSTALL JOISTS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. JOISTS BY OTHER MANUFACTURERS MAY BE CONSIDERED FOR SUBSTITUTION PROVIDED THEY HAVE EQUAL OR GREATER STRENGTH AND STIFFNESS. SUBMIT MANUFACTURER'S PRODUCT DATA, INCLUDING ICBO ER FOR REVIEW AND APPROVAL.

SHEATHING:

SHEATHING SHALL CONFORM WITH APA PS 1, EXTERIOR SHEATHING GRADE CC OR OF A BETTER GRADE.

TIMBER FRAMING:

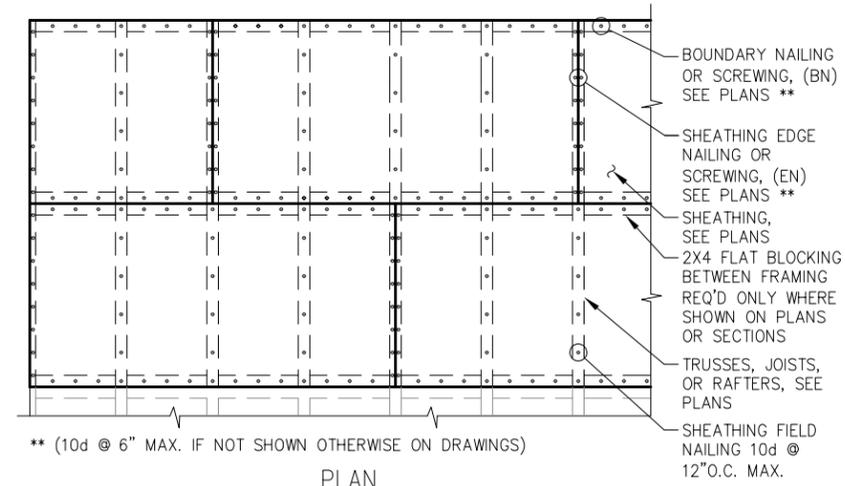
SPECIES AND GRADE: UNLESS NOTED OTHERWISE, ALL TIMBER 2 TO 4 INCHES THICK SHALL BE HEM FIR NO 2 GRADE AND TIMBER 5.5 INCHES X 5.5 INCHES OR LARGER SHALL BE HEM FIR SELECT STRUCTURAL GRADE, VISUALLY GRADED IN ACCORDANCE WITH THE WESTERN WOODS PRODUCTS ASSOCIATION, LATEST GRADING RULES.

TIMBER SHALL BE FABRICATED AND JOINED TO CREATE SNUG TIGHT CONNECTIONS UNLESS NOTES OTHERWISE. HOLES FOR BOLTS SHALL BE NO GREATER THAN THE BOLT DIAMETER PLUS $\frac{1}{8}$ INCH. ALL BOLTS WITH HEAD OR NUT IN CONTACT WITH TIMBER SHALL BE INSTALLED WITH GALVANIZED WASHERS UNDER THE HEAD AND NUTS. ALL NAILED CONNECTIONS SHALL BE CONNECTED USING GALVANIZED BOX NAILS.

ALL FABRICATED HANGERS AND CONNECTORS NOTED IN THE PLANS ARE THE PRODUCT OF SIMPSON STRONG-TIE COMPANY. HANGERS AND CONNECTORS MADE BY OTHER MANUFACTURER'S MAY BE CONSIDERED FOR SUBSTITUTION IF THE HANGER OR CONNECTOR HAS EQUAL OR GREATER LOAD CAPACITY, EQUAL OR GREATER CORROSION RESISTANCE AND BE OF AN APPROPRIATE EQUAL CONFIGURATION. SUBMIT ICBO ER FOR REVIEW AND APPROVAL WITH ANY REQUEST FOR SUBSTITUTION.

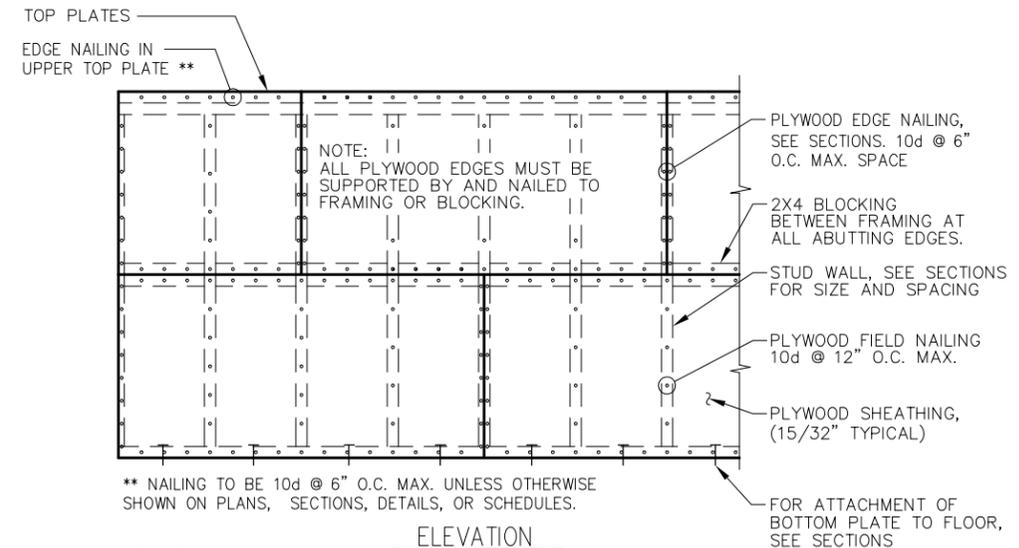
ABBREVIATIONS

AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS
AWPA	AMERICAN WOOD PRESERVERS ASSOCIATION
AWS	AMERICAN WELDING SOCIETY
BLKG	BLOCKING
DBL	DOUBLE
EA	EACH
(E)/EXIST	EXISTING
g	ACCELERATION DUE TO GRAVITY
GA	GAUGE
GLB	GLULAM BEAM
HSS	HOLLOW STRUCTURAL STEEL
LVL	LAMINATED VENEER LUMBER
NO	NUMBER
OC	ON CENTER
PLWD	PLYWOOD
REQD	REQUIRED
STD	STANDARD
TRTD	TREATED
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
#	POUND



- NOTES:
1. STAGGER SHEATHING JOINTS A MINIMUM OF TWO JOIST SPACES
 2. NAILS AT ABUTTING SHEATHING EDGES MUST PENETRATE THE SAME PIECE OF FRAMING OR BLOCKING.

A TYPICAL PLYWOOD DIAPHRAGM FOR FLOOR OR ROOF DETAIL
 Scale: NTS



- NOTES:
1. PLYWOOD IS SHOWN HORIZONTAL, IT MAY ALSO BE POSITIONED VERTICAL.
 2. STAGGER PLYWOOD JOINTS A MINIMUM OF TWO STUD SPACES.
 3. NAILS AT ABUTTING PLYWOOD EDGES MUST PENETRATE THE SAME PIECE OF FRAMING OR BLOCKING.
 4. SEE TYPICAL WALL ELEVATIONS AND PLANS FOR HOLD DOWNS, STRAPS AND ADDITIONAL BLOCKING.

B TYPICAL SHEAR WALL DETAIL
 Scale: NTS



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 EMD Project No. 142036



**HAINES ADMIN. BUILDING
 RE-ROOF**

MRV # 1410

FOR
 HAINES BOROUGH

SHEET TITLE:
GENERAL NOTES

DATE: JULY 31, 2014
 SCALE: AS NOTED
 DRAWN: DRD
 CHECKED: CMG

SHEET NO.
S1.0



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 P.E.D Project No. 142036



**HAINES ADMIN. BUILDING
 RE-ROOF**

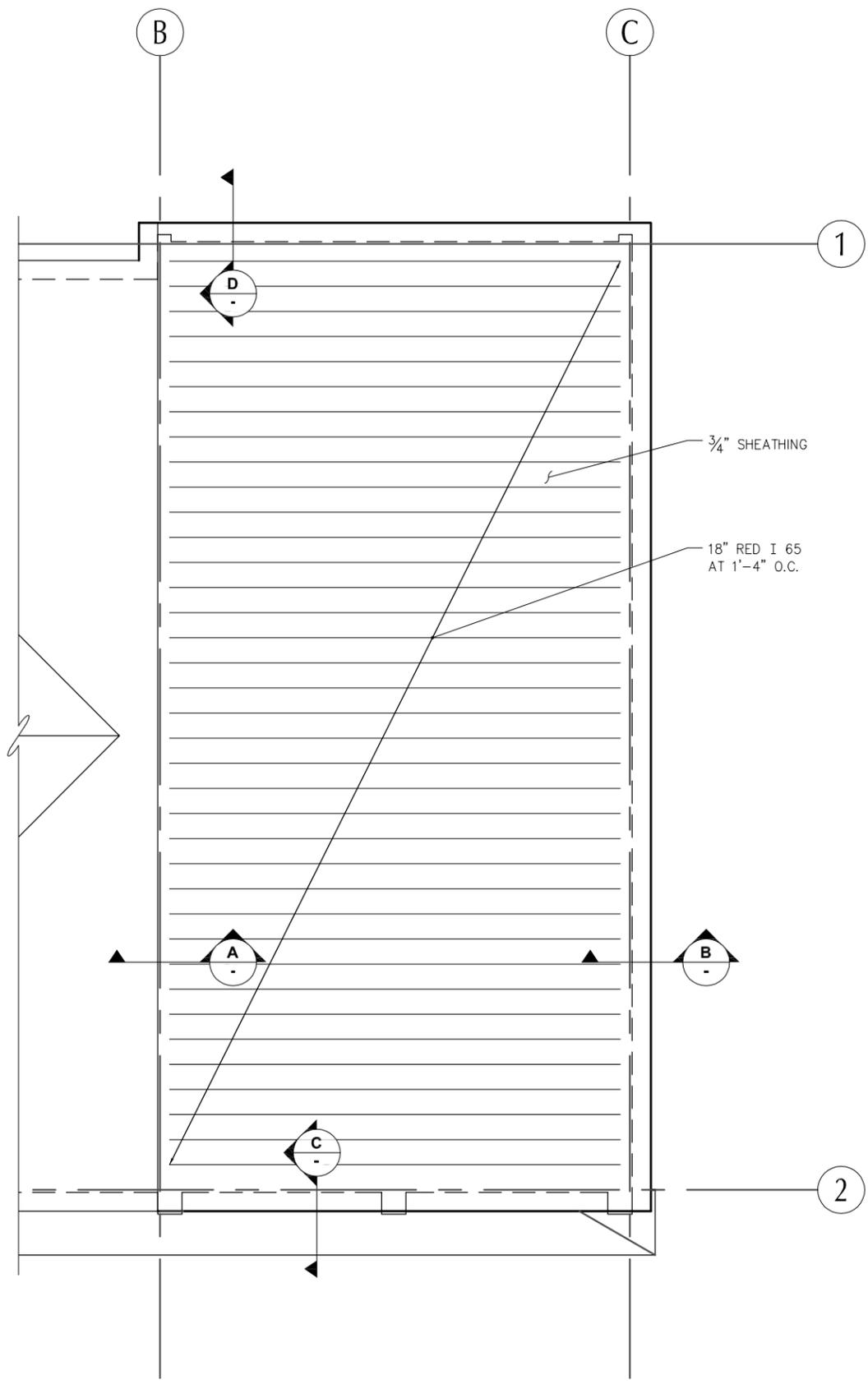
FOR
 HAINES BOROUGH

MRV # 1410

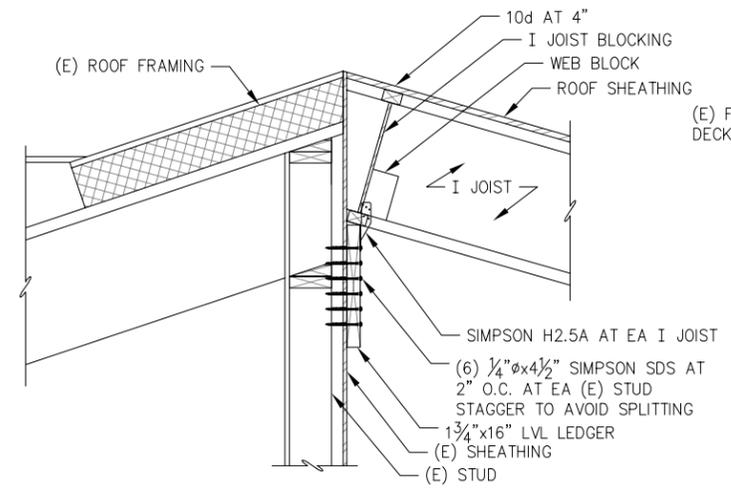
SHEET TITLE:
ROOF FRAMING PLAN

DATE: JULY 31, 2014
 SCALE: AS NOTED
 DRAWN: DRD
 CHECKED: CMG

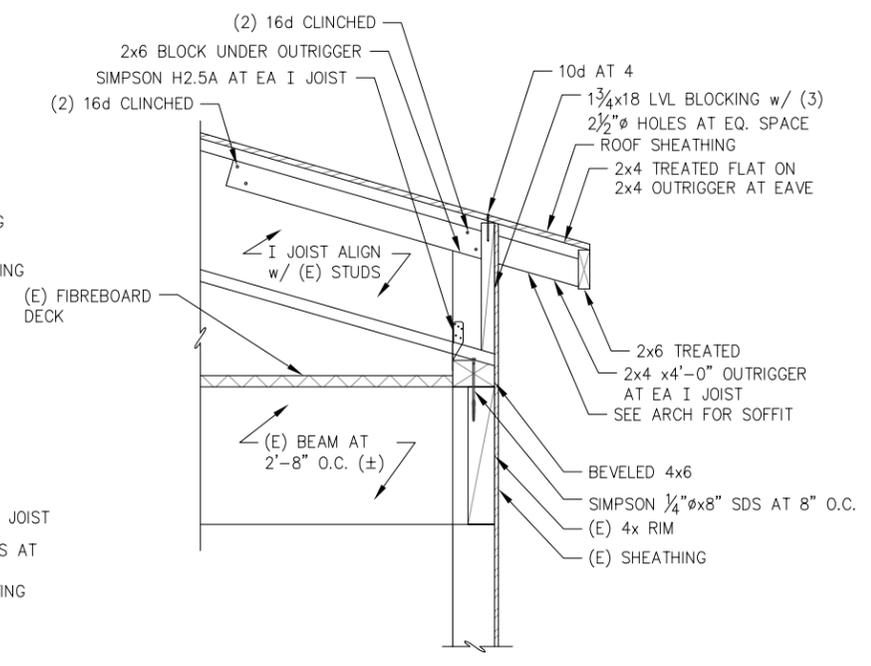
SHEET NO.
S2.1



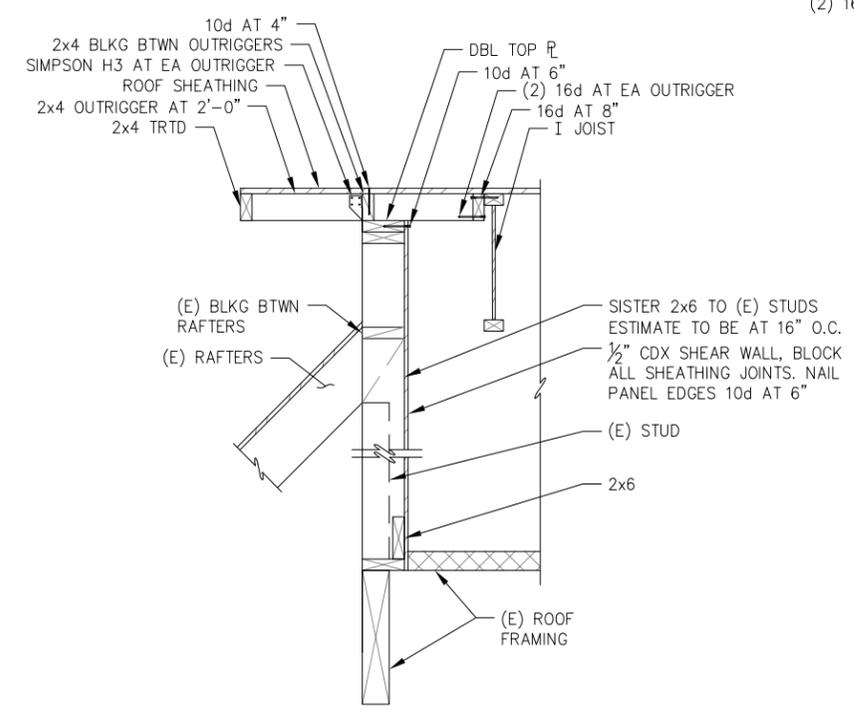
1 ROOF FRAMING PLAN
 Scale: 1/4" = 1'-0"
 PLAN NORTH



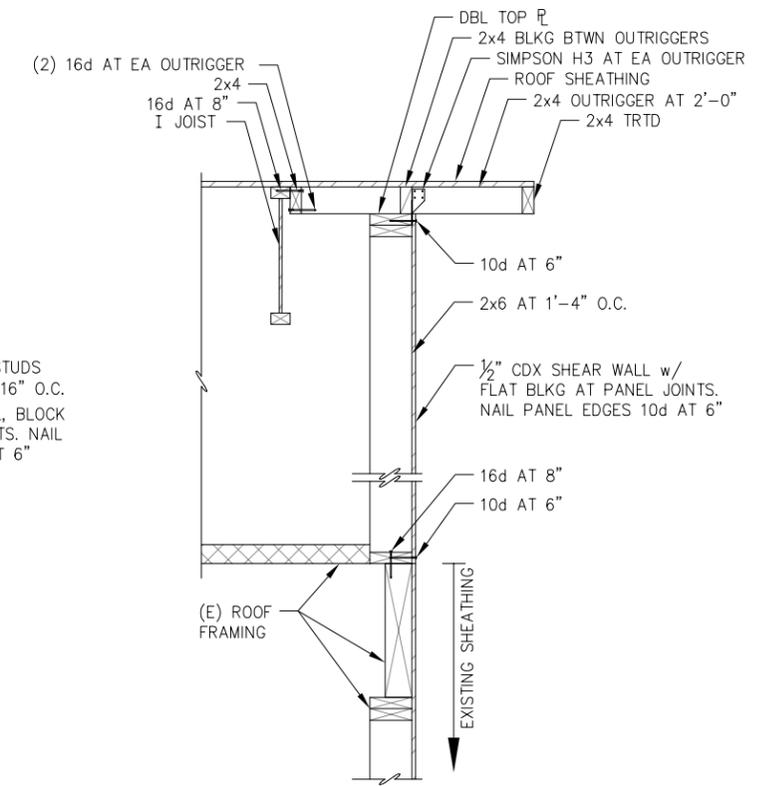
A SECTION AT RIDGE
 Scale: 1" = 1'-0"



B SECTION AT EAVE
 Scale: 1" = 1'-0"



C FRAMING SECTION WEST RAKE
 Scale: 1" = 1'-0"



D FRAMING SECTION EAST RAKE
 Scale: 1" = 1'-0"