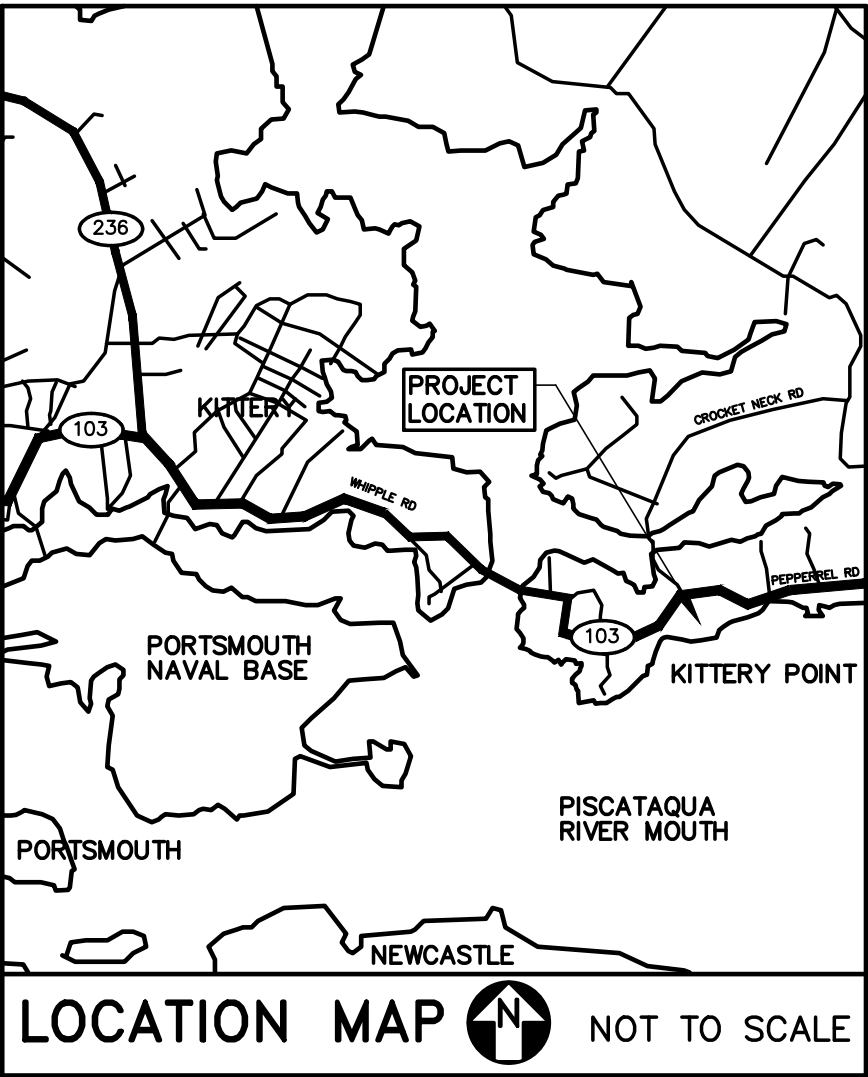
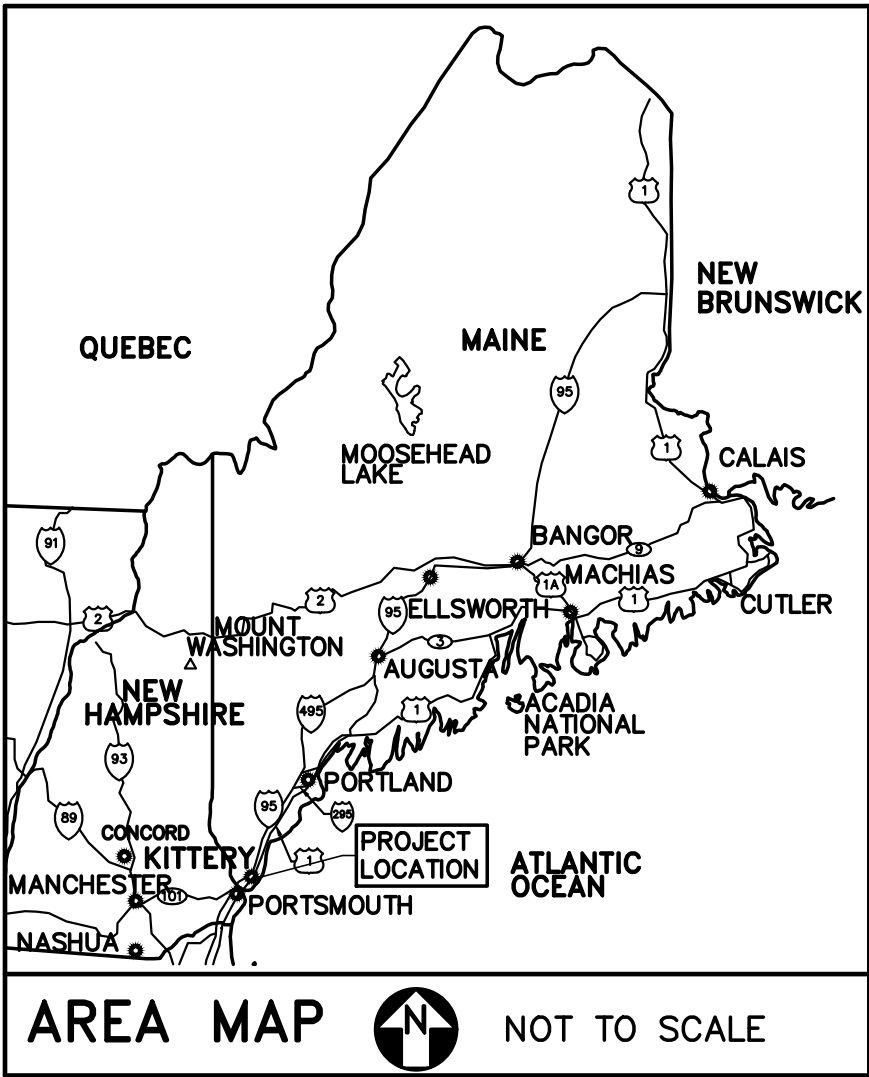


ROOF CONSTRUCTION AT THE RIFLEMAN'S HOUSE

FORT MCCLARY HISTORICAL SITE KITTERY, MAINE



LIST OF DRAWINGS

DISCIPLINE SHEET NO	SEQUENCE NO.	DRAWING TITLE
G-001	1 OF 5	TITLE SHEET, NOTES, LEGEND AND ABBREVIATIONS
AE120 AE201	2 OF 5 3 OF 5	ROOF PLAN AND DETAILS EXTERIOR ELEVATIONS
S-001 SF101	4 OF 5 5 OF 5	STRUCTURAL NOTES, DESIGN LOADS AND ABBREVIATIONS ROOF FRAMING PLAN AND DETAILS

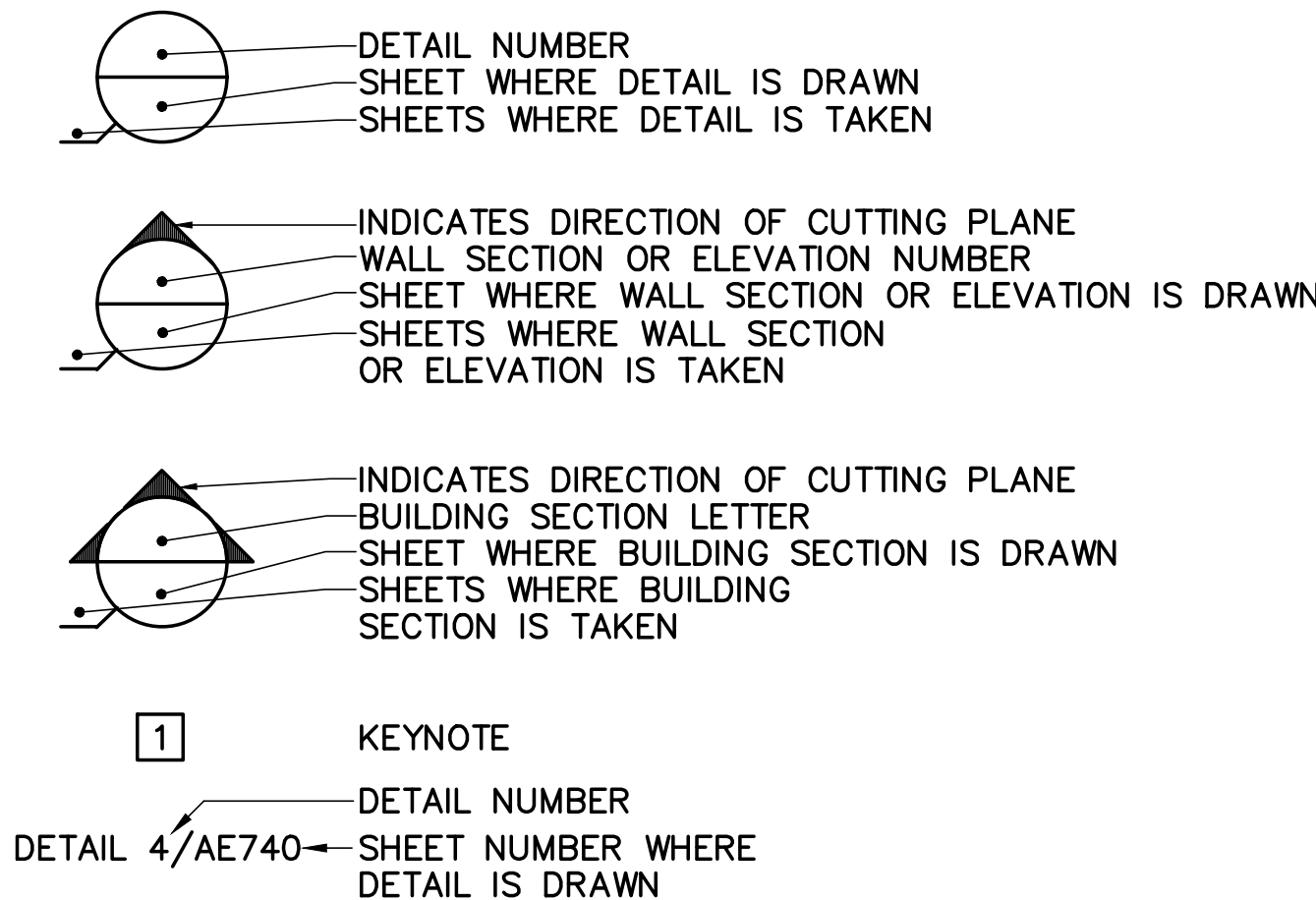
GENERAL CONSTRUCTION NOTES

- WORK INCLUDED IN THIS CONTRACT SHALL CONFORM TO STATE, NATIONAL AND OTHER CODES AND ORDINANCES WHICH APPLY TO THIS PROJECT INCLUDING MUBEC (IBC 2021 AND NFPA 101, 2018).
- FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS AND REPORT DISCREPANCIES TO THE OWNER. PROCEED WITH THE WORK ONLY AFTER THE DISCREPANCIES HAVE BEEN RESOLVED BY THE OWNER.
- WORK FROM GIVEN DIMENSIONS AND LARGE SCALE DETAILS ONLY. DO NOT SCALE DRAWINGS.
- CARE SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT NATURAL SURFACES TO REMAIN.
- AT THE END OF EACH WORKING DAY, THE CONSTRUCTION SITE SHALL BE LEFT IN A SAFE, WEATHER TIGHT, SECURE, NEAT AND CLEAN MANNER.
- OBTAIN PERMITS WHICH ARE REQUIRED FOR THE SATISFACTORY COMPLETION OF THE WORK. REQUIRED PERMITS INCLUDE, BUT ARE NOT NECESSARILY LIMITED TO:
 - DIG SAFE.
 - TOWN OF KITTERY BUILDING DEPARTMENT.
- PROVIDE TEMPORARY PROTECTION FROM THE WEATHER FOR EXPOSED STRUCTURE.
- PROVIDE BARRICADES AND SIGNAGE AT WORK AREAS TO PREVENT THE PUBLIC FROM ENTERING AREAS OF WORK.
- DIMENSIONS ARE FROM FACE OF STUD OR FROM FACE OF BRICK UNLESS NOTED OTHERWISE.
- COORDINATE THE TIMING AND SEQUENCE OF WORK WITH OWNER AND THE APPROPRIATE AUTHORITIES.
- DISRUPTIVE WORK: DISRUPTIVE/NOISY WORK SHALL BE PERFORMED AS DIRECTED BY THE OWNER.
- ELECTRICITY AND RUNNING WATER ARE NOT AVAILABLE AT THE SITE. THE CONTRACTOR IS RESPONSIBLE FOR THE PROVISION POWER AND OF WATER REQUIRED FOR CONSTRUCTION ACTIVITIES.

ABBREVIATIONS

@	AT	IBC	INTERNATIONAL BUILDING CODE
&	AND	IRC	INTERNATIONAL RESIDENTIAL CODE
#	NUMBER	MAX	MAXIMUM
±	PLUS OR MINUS	MFR'S	MANUFACTURER'S
ALUM	ALUMINUM	MIN	MINIMUM
ADJ	ADJACENT	MTL	METAL
BD	BOARD	N	NORTH
BLDG	BUILDING	NIC	NOT IN CONTRACT
CONC	CONCRETE	OC	ON CENTER
CONT	CONTINUOUS	PNT	PAINT
COORD	COORDINATE	PT	PRESSURE TREATED
DIA	DIAMETER	REINF	REINFORCED
DN	DOWN	SF	SQUARE FEET
DWG	DRAWING	SIM	SIMILAR
ELEV	ELEVATION	SQ	SQUARE
ETC	ET CETERA	SS	STAINLESS STEEL
EXIST	EXISTING	STL	STEEL
EXT	EXTERIOR	STRUCT	STRUCTURAL
FDN	FOUNDATION	TYP	TYPICAL
GA	GALVANIZED	UNO	UNLESS NOTED OTHERWISE
H,HGT	HEIGHT	VERT	VERTICAL
HORIZ	HORIZONTAL	W/	WITH
		WD	WOOD

LEGEND



DEPARTMENT OF AGRICULTURE,
CONSERVATION AND FORESTRY

Walter Varney Parks and Public Lands
18 Elkins Lane
Augusta, ME 04333

ROOF CONSTRUCTION
AT THE RIFLEMAN'S HOUSE

FORT MCCLARY HISTORICAL SITE
KITTERY, MAINE

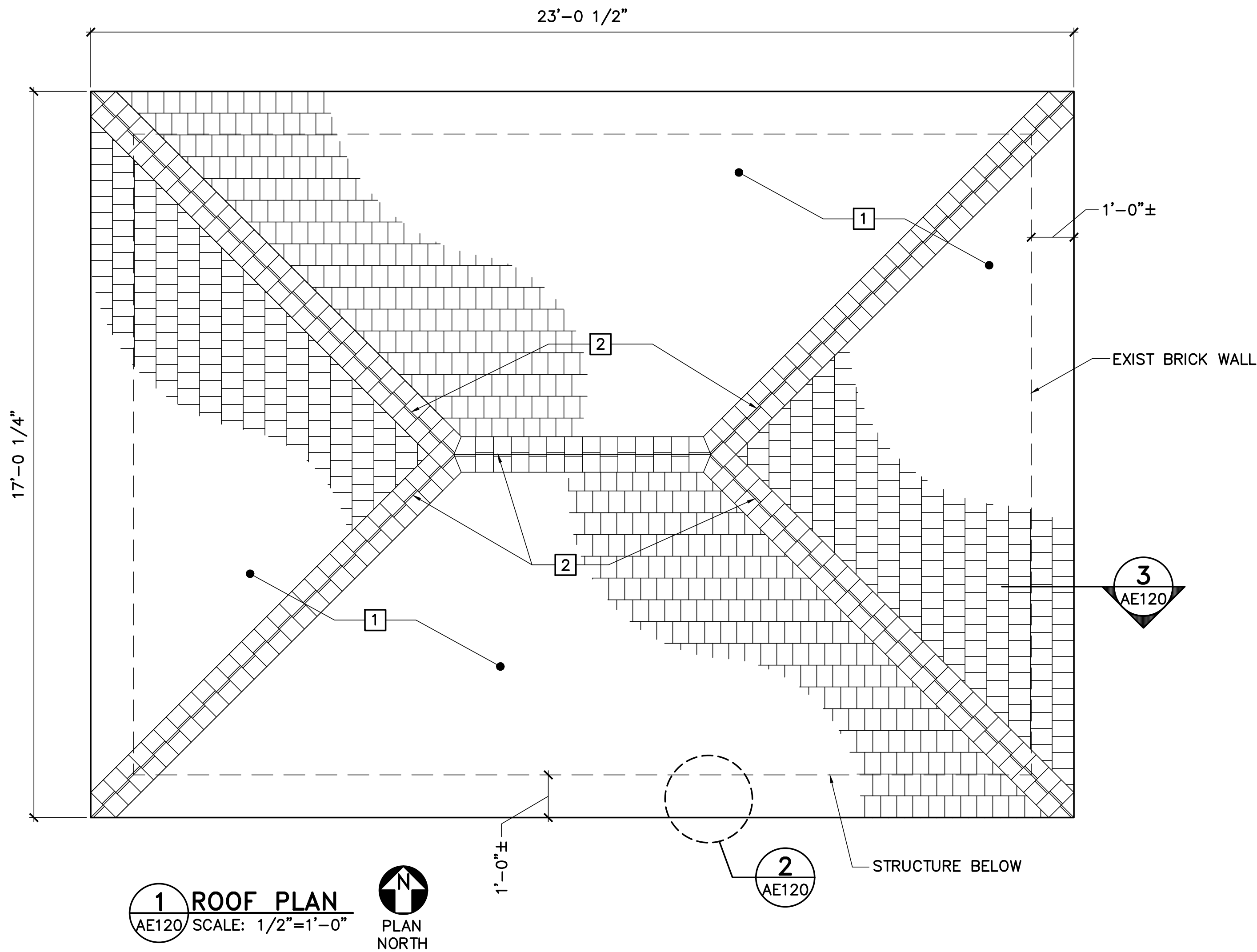
TITLE SHEET
NOTES, LEGEND
AND
ABBREVIATIONS

SCALE: AS NOTED

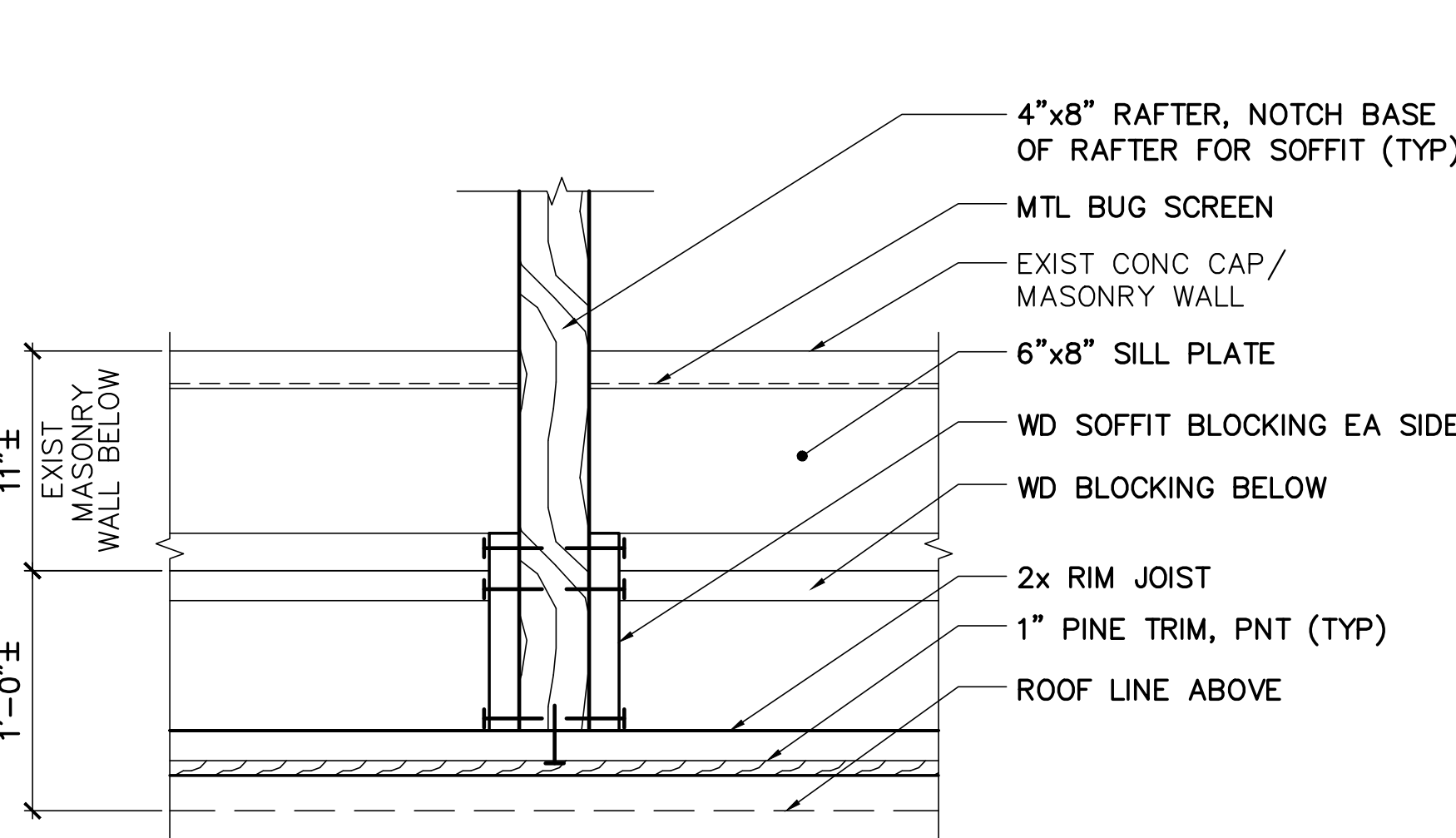
DATE: 07-24-2025

DWG.: **G-001**

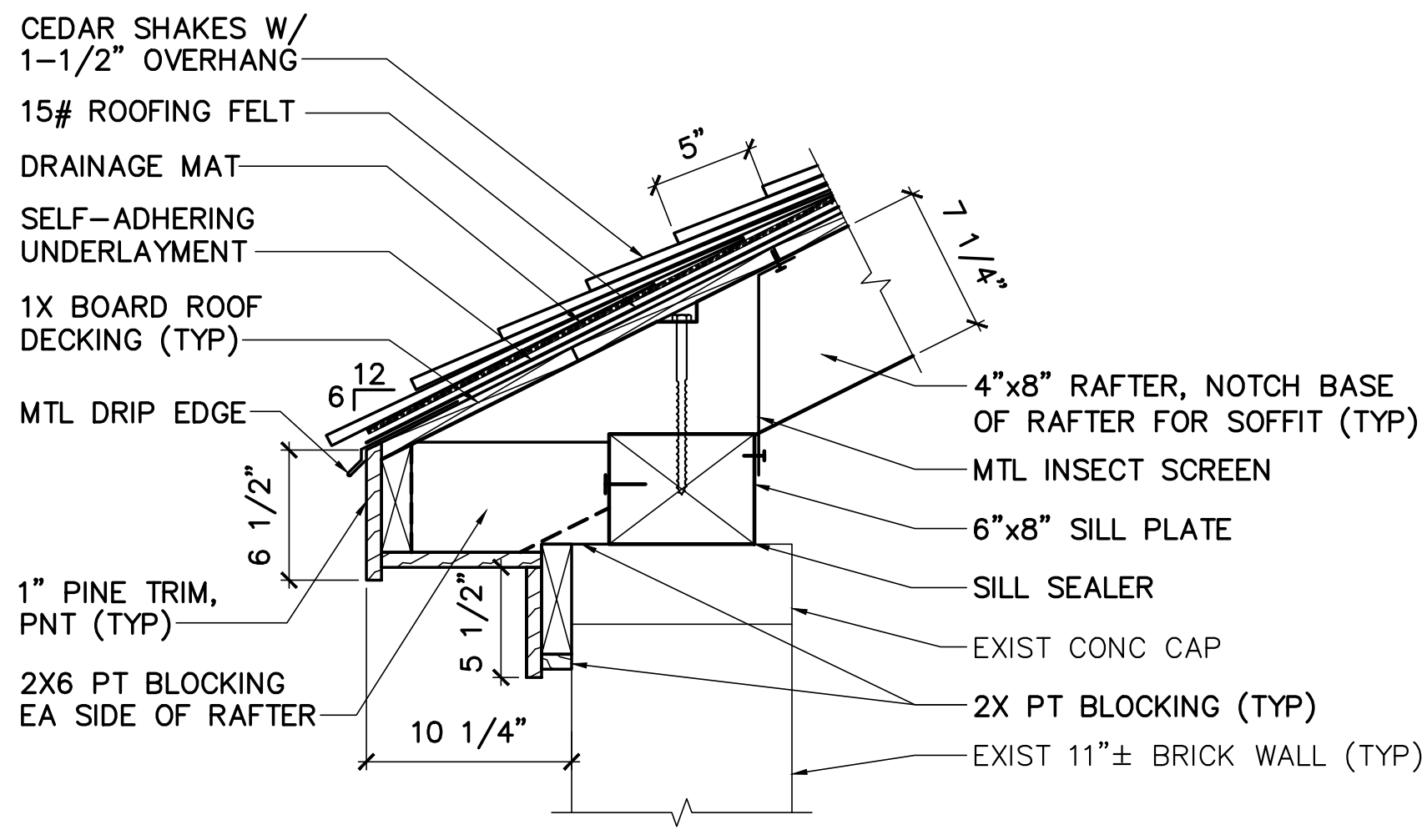
SHEET: 1 OF 5



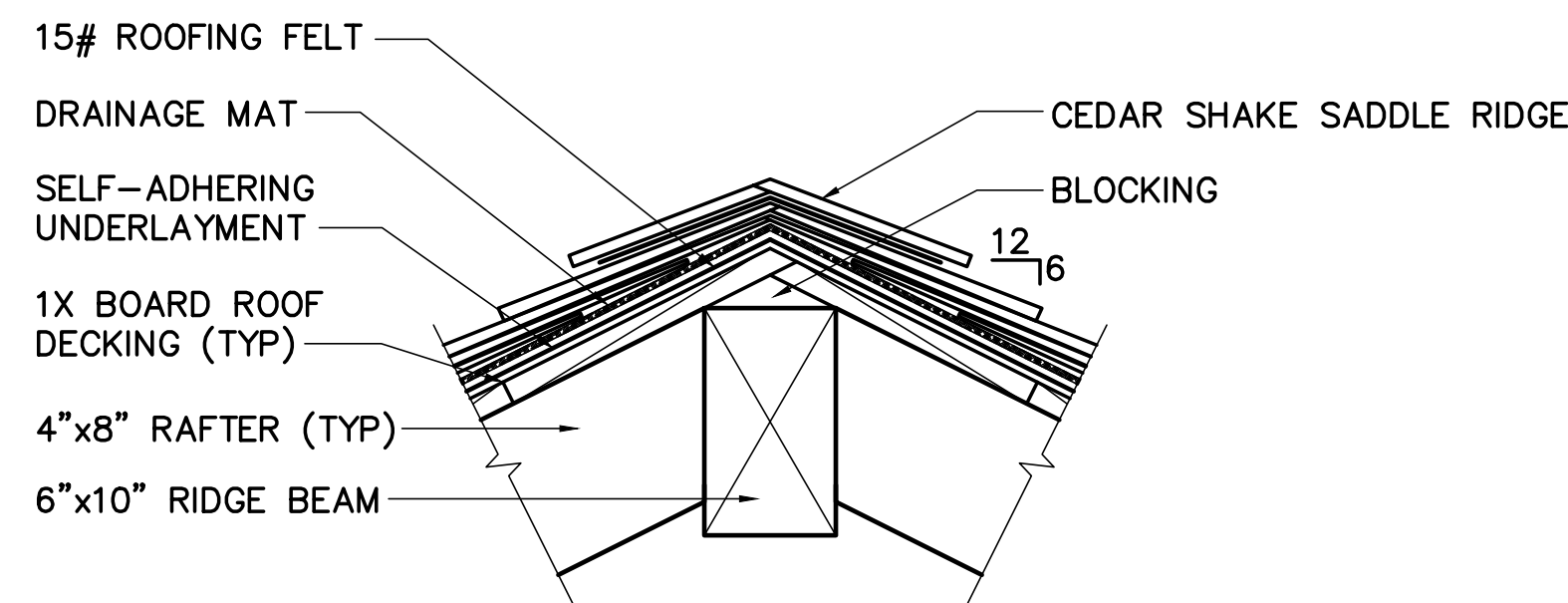
1 ROOF PLAN
AE120 SCALE: 1/2"=1'-0"



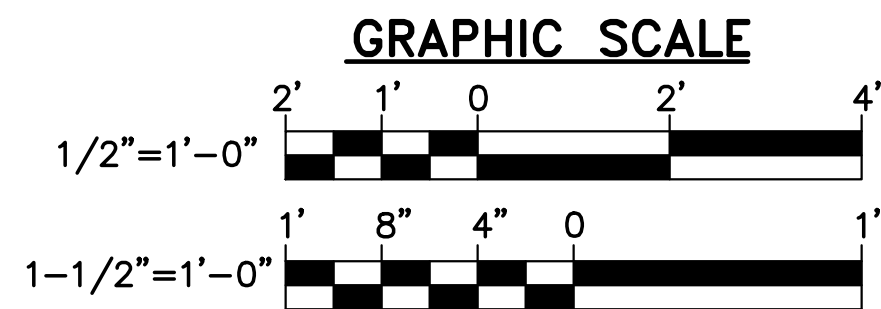
2 EAVE PLAN DETAIL
AE120 SCALE: 1-1/2"=1'-0"



3 EAVE DETAIL
AE120 SCALE: 1-1/2"=1'-0"



4 RIDGE DETAIL
AE120 SCALE: 1-1/2"=1'-0"



CHECK GRAPHIC SCALE BEFORE USING



EXISTING BUILDING WEST ELEVATION



EXISTING BUILDING NORTH ELEVATION



EXISTING BUILDING INTERIOR ELEVATION

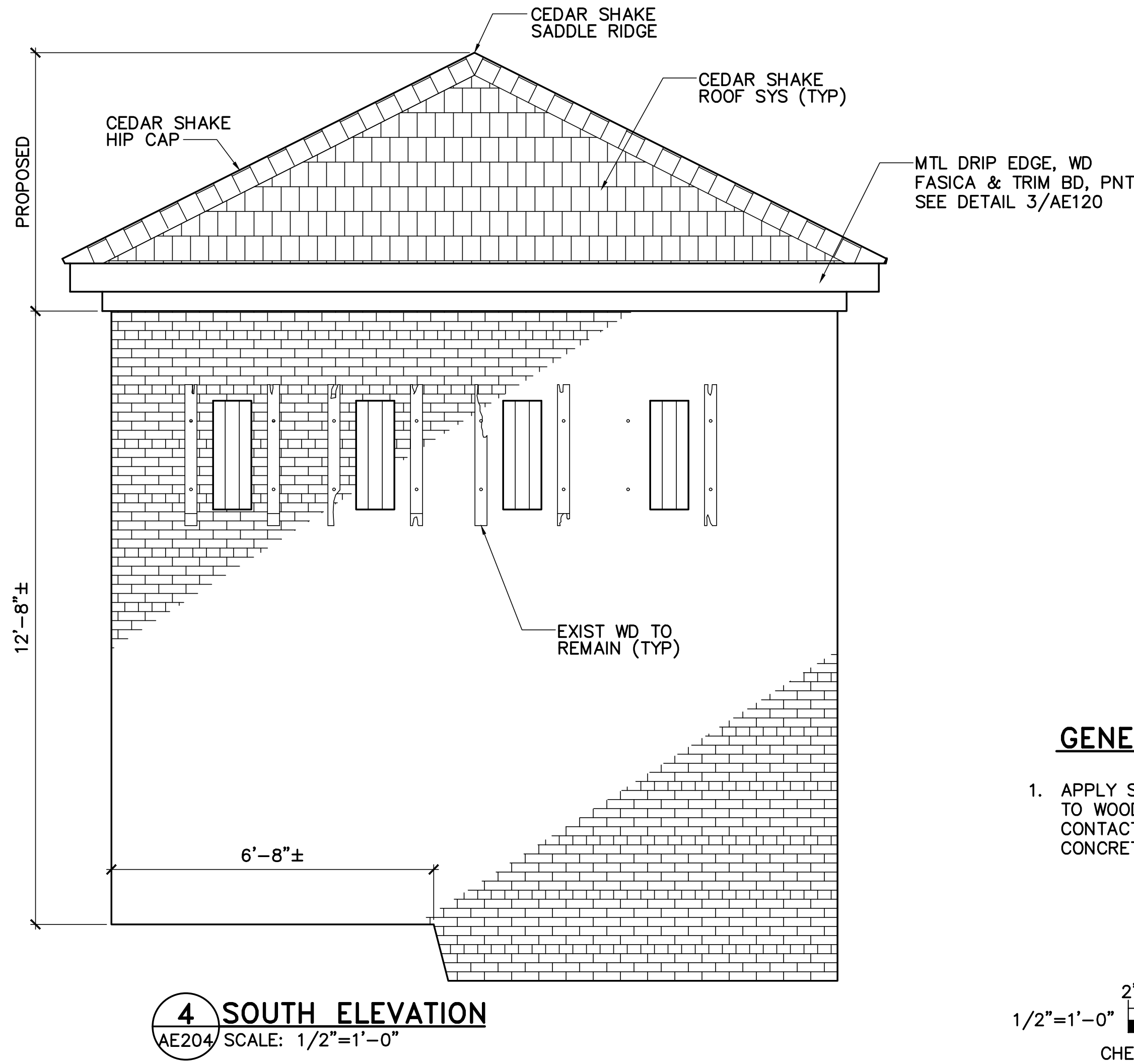
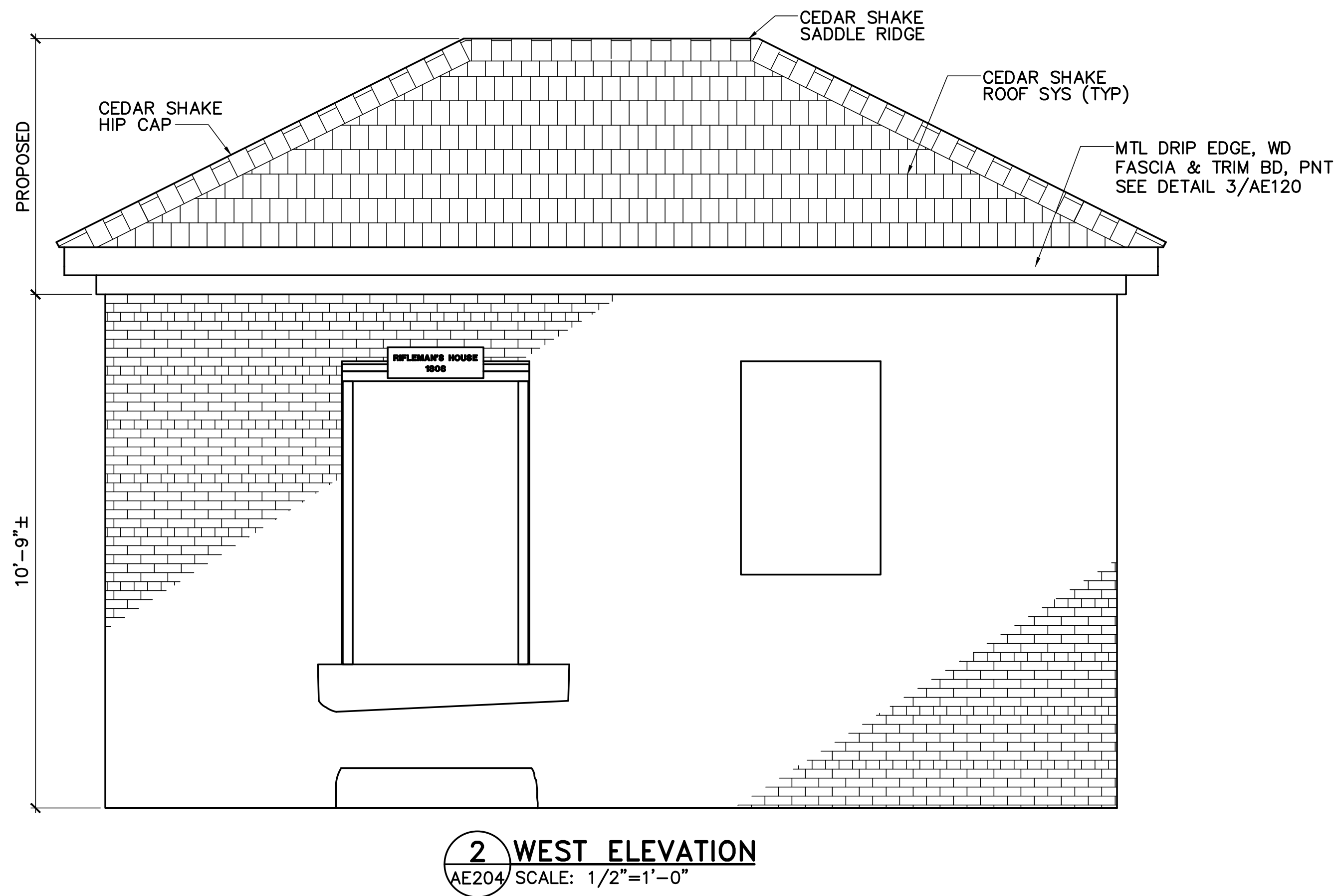
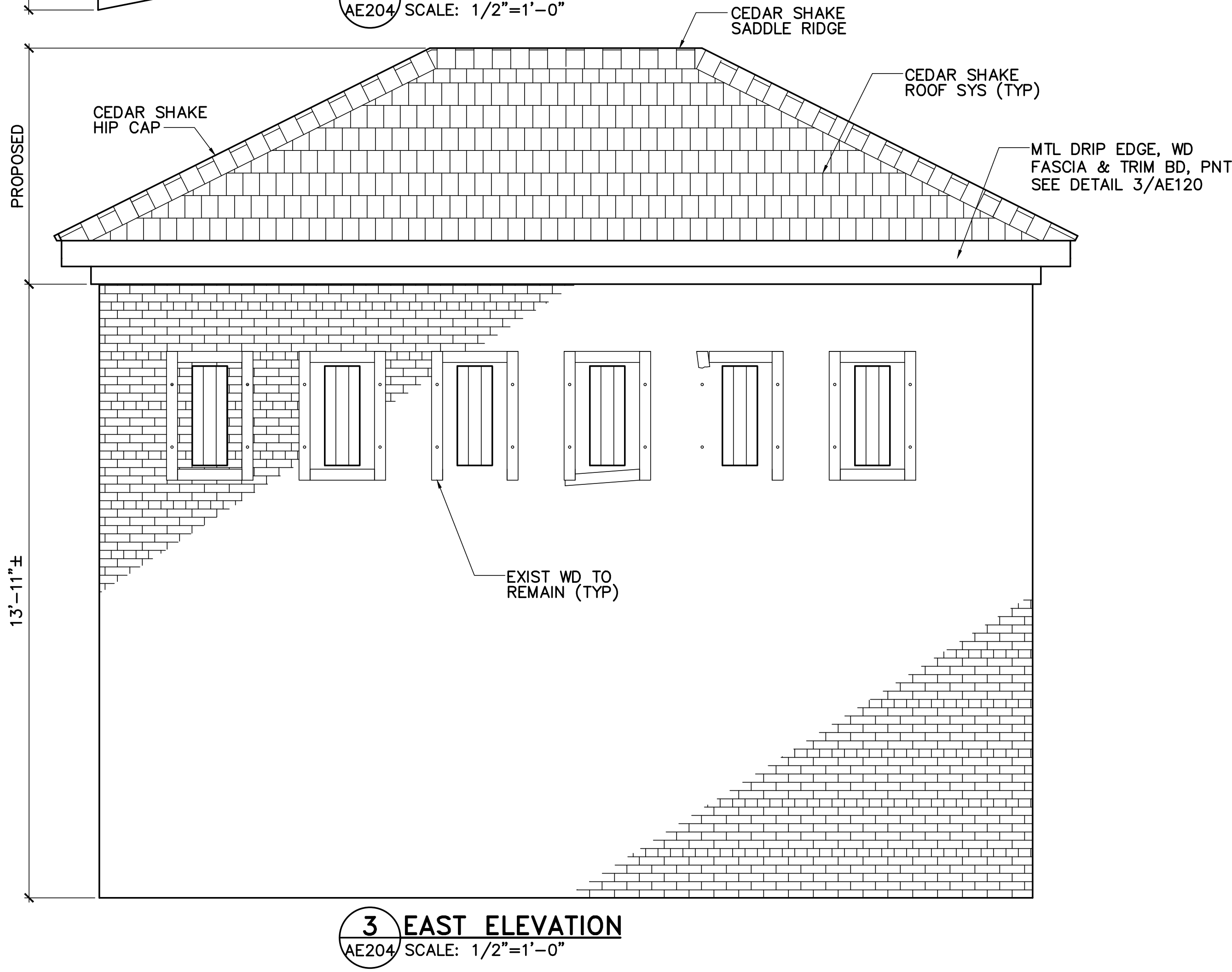
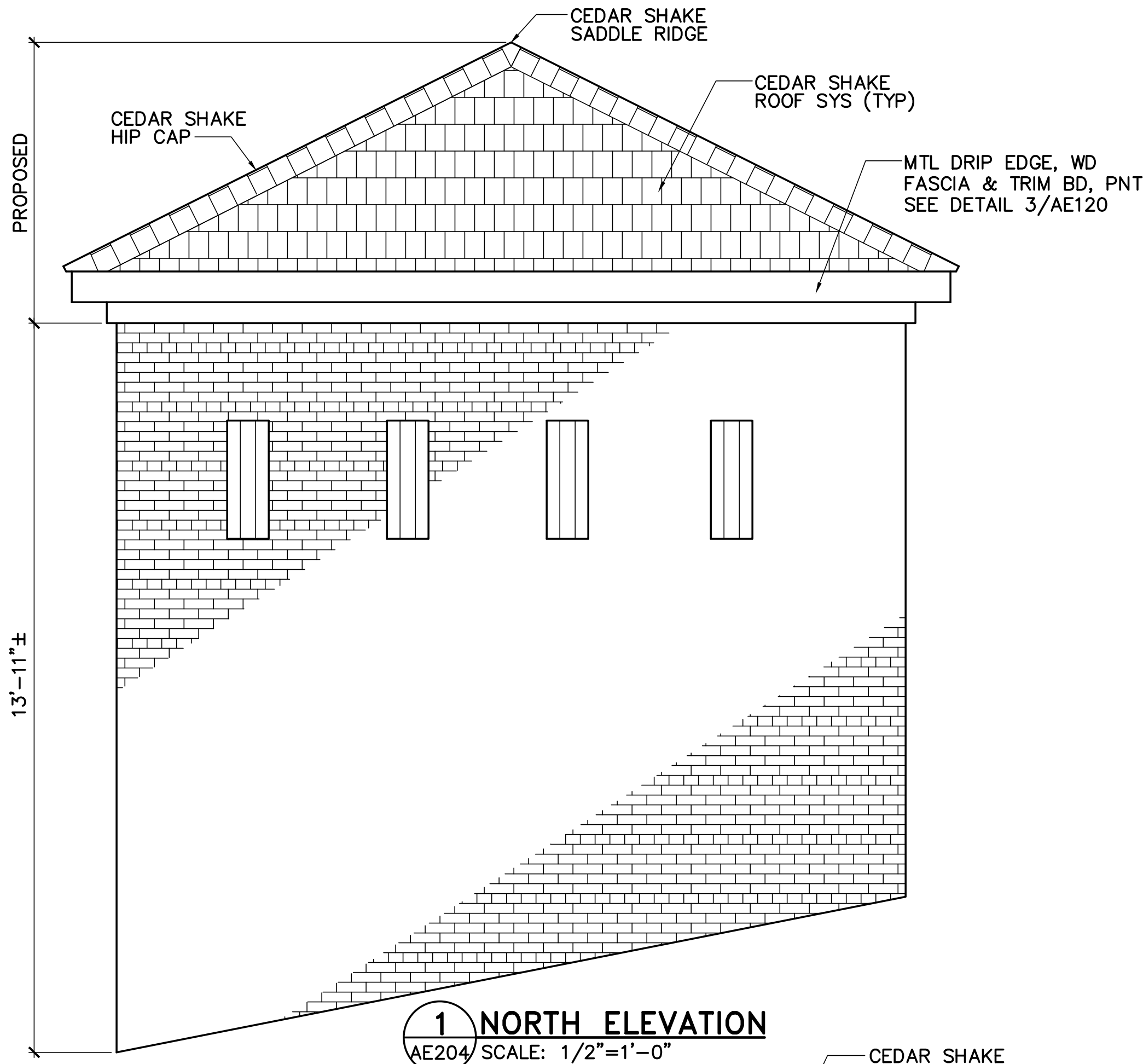
GENERAL NOTES

1. APPLY SELF-ADHERING UNDERLAYMENT TO WOOD SURFACES THAT WILL BE IN CONTACT WITH EXISTING MASONRY AND CONCRETE SURFACES.
2. LUMBER SIZES ARE ACTUAL.

KEYNOTES

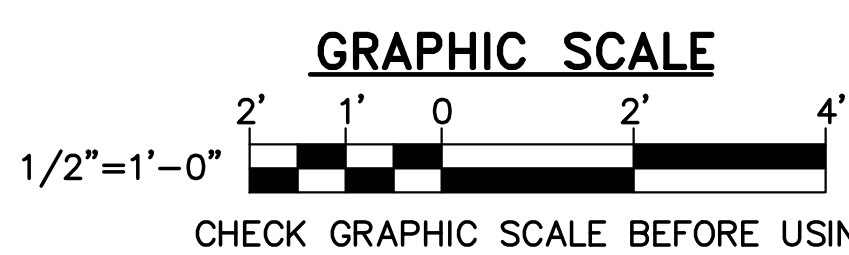
- 1 PROVIDE CEDAR ROOF SHAKE ROOF, DRAINAGE MAT, AND SELF-ADHERING UNDERLAYMENT ROOF SYSTEM.
- 2 PROVIDE CEDAR SHAKE SADDLE RIDGE AND HIP CAPS W/ ALTERNATING JOINTS AND FASTENERS CONCEALED BY SUCCEEDING RIDGE SHINGLES. SEE DETAIL 4/AE120.

23 Jul, 2025 — 1:19pm
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GENERAL NOTES

1. APPLY SELF-ADHERING UNDERLAYMENT TO WOOD SURFACES THAT WILL BE IN CONTACT WITH EXISTING MASONRY AND CONCRETE SURFACES.



NO.	DATE	DESCRIPTION	BY
-----	------	-------------	----

DESIGNED BY: JMc
DRAWN BY: CET
CHECKED BY: JMc
PROJECT: 22505.01

DEPARTMENT OF AGRICULTURE,
CONSERVATION AND FORESTRY
Walter Varney Parks and Public Lands
18 Elkins Lane
Augusta, ME 04333

ROOF CONSTRUCTION
AT THE RIFLEMAN'S HOUSE
FORT MCCLARY HISTORICAL SITE
KITTERY, MAINE

EXTERIOR
ELEVATIONS

SCALE: AS NOTED
DATE: 07-24-2025

DWG.: AE201

SHEET: 3 OF 5

STRUCTURAL NOTES

STRUCTURAL STEEL

1. CONFORM WITH THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION'S "MANUAL OF STEEL CONSTRUCTION FOURTEENTH EDITION".
2. STEEL FOR THREADED RODS: ASTM A36 ($F_y=36$ KSI).

WOOD

1. WOOD FRAMING AND FASTENERS TO BE IN ACCORDANCE WITH THE 2012 INTERNATIONAL BUILDING CODE AND THE AMERICAN FOREST AND PAPER ASSOCIATION NATIONAL DESIGN SPECIFICATION (2012)(AFPA NDS).
2. EACH PIECE OF LUMBER SHALL BE "S-DRY" AND BEAR THE GRADE STAMP OF A GRADING RULES AGENCY APPROVED BY THE PS-20 "AMERICAN SOFTWOOD LUMBER STANDARDS COMMITTEE".
3. MINIMUM STRUCTURAL PROPERTIES OF ALL WOOD FRAMING ARE AS FOLLOWS:
SPRUCE-PINE-FIR NO. 2 OR BETTER WITH MINIMUM DESIGN VALUES:
Fb=875 PSI, Fv=135 PSI, Ft=450 PSI, Fc_{II}=1,150 PSI AND E=1,400,00 PSI.
4. WOOD PEGS/DOWELS OAK:
MINIMUM SPECIFIC GRAVITY, G=0,57
MINIMUM BENDING YIELD STRENGTH=13,164 PSI.

POST INSTALLED ANCHORS

1. INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTRUCTIONS.
2. BASIS OF DESIGN FOR EPOXY GROUTED THREADED RODS IS SIMPSON STRONG TIE ACRYLIC-TIE ADHESIVE. ALTERNATE PRODUCTS THAT HAVE EQUAL OR GREATER DESIGN VALUES AS INDICATED MAY BE USED:
 - a. SHEAR = 2,080 LBS.
 - b. TENSION = 1,315 LBS.
3. EPOXY GROUT: ASTM C881.

GENERAL NOTES

1. FIELD VERIFY DIMENSIONS AND ELEVATIONS OF WOOD MEMBERS PRIOR TO FABRICATION OF ANY MEMBERS. REPORT DISCREPANCIES TO THE OWNER PRIOR TO FABRICATION OF MEMBERS.
2. PROVIDE TEMPORARY SUPPORT OF FRAMING DURING CONSTRUCTION TO PREVENT FAILURE AND DAMAGE.
3. NO DEVIATIONS IN CONTRACT DRAWINGS ARE PERMITTED.

STRUCTURAL ABBREVIATIONS:

±	PLUS OR MINUS
∠	ANGLE
ARCH	ARCHITECTURAL
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
BLDG	BUILDING
CONN	CONNECTION
DIA	DIAMETER
DWG	DRAWING
EA	EACH
ELEV	ELEVATION, ELEVATOR
EQ	EQUAL
EXIST	EXISTING
F _y	YIELD STRESS
HGT	HEIGHT
IBC	INTERNATIONAL BUILDING CODE
IN	INCH
K	KIPS
KSI	KIPS PER SQUARE INCH
LBS	POUNDS
MAX	MAXIMUM
MFR	MANUFACTURER
MIN	MINIMUM
MPH	MILES PER HOUR
OC	ON CENTER
PSF	POUNDS PER SQUARE FOOT
REQ'D	REQUIRED
SIM	SIMILAR
STL	STEEL
TYP	TYPICAL
W/	WITH
WT	WEIGHT

BUILDING DESIGN LOADS

ROOF SNOW LOAD (ROOF LIVE LOAD) ASCE 7-16/IBC 2021

GROUND SNOW LOAD (P_g) = 50 PSF

SNOW EXPOSURE FACTOR (C_e) = 1.0

SNOW LOAD ROOF SLOPE FACTOR (C_s) = 1.0

SNOW LOAD THERMAL FACTOR (C_t) = 1.2

ROOF DEAD LOAD = 8 PSF

BALANCED ROOF SNOW LOAD (Pf) = 38 PSF

SNOW LOAD IMPORTANCE FACTOR (I) = 1.0

WIND LOAD ASCE 7-16/IBC 2021

BASIC WIND SPEED = 115 MPH

WIND DESIGN PRESSURE = 27 PSF

WIND LOAD RISK CATEGORY = II

WIND EXPOSURE = EXPOSURE C

BUILDING TYPE = "ENCLOSED"

