

BALER & FIRE STATIONS 3 & 4 ROOF REPLACEMENTS

City of Valdez

COV Project No.: 20-350-2012 Contract No.: 1659

Valdez, AK

ABBREVIATIONS

ACM	ASBESTOS CONTAINING MATERIALS
A.F.F.	ABOVE FINISH FLOOR
APPROX	APPROXIMATELY
BLDG	BUILDING
BUR	BUILT UP ROOFING
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CONT	CONTINUOUS
DIA	DIAMETER
DWG	DRAWING
(E)	EXISTING
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRIC, ELECTRICAL
ELEV	ELEVATION
EPDM	ETHYLENE PROPYLENE DIENE MONOMER
EPS	EXPANDED POLYSTYRENE INSULATION
EQ	EQUAL
ETR	ELECTRICAL THROUGH ROOF
EXIST	EXISTING
F.F.	FINISH FLOOR
FIB BD	FIBER BOARD
GA	GAUGE
GALV	GALVANIZED
GLB	GLUE LAMINATED BEAM
GWB	GYPSTUM WALL BOARD
HR	HOUR
INFO	INFORMATION
INSUL	INSULATION
J-BOX	JUNCTION BOX
LAM	LIQUID APPLIED MEMBRANE
LF	LINEAL FEET
LG	LIGHT GUARD
MAX	MAXIMUM
MCBUR	MINERAL CAP BUILT UP ROOF
MECH	MECHANICAL
MFR	MANUFACTURER
MISC	MISCELLANEOUS
MIN	MINIMUM
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NRCA	NATIONAL ROOFING CONTRACTORS ASSOCIATION
NTS	NOT TO SCALE
OC	ON CENTERS
OD	OUTSIDE DIAMETER
OFS	OVERFLOW SCUPPER
ORD	OVERFLOW ROOF DRAIN
POLY	POLYETHYLENE
POLYISO	POLYISOCYANURATE INSULATION
PREFAB	PREFABRICATE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PRESSURE PRESERVATIVE TREATED
PTR	PIPE THROUGH ROOF
PVC	POLYVINYL CHLORIDE
RD	ROOF DRAIN
RL	RAIN LEADER
RM	ROOM
SAM	SELF ADHERING MEMBRANE
SBS	STYRENE-BUTADIENE-STYRENE
SD	STORM DRAIN
SEBS	STYRENE-ETHYLENE-BUTADIENE-STYRENE
SF	SQUARE FOOT, SQUARE FEET
SIM	SIMILAR
SM	SHEET METAL
SPF	SPRAYED POLYURETHANE FOAM
SS	STAINLESS STEEL
STRUC	STRUCTURAL
TO	TOP OF
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
VIF	VERIFY IN FIELD
VR	VAPOR RETARDER
VTR	VENT THROUGH ROOF
W	WIDE
W/	WITH
XPS	EXTRUDED POLYSTYRENE BOARD



1 VALDEZ VICINITY MAP
G0.01 SCALE: 12" = 1'-0"

CODE INFO

- THIS DESIGN / CODE DATA REFERS TO ROOFING WORK ONLY
- 2012 INTERNATIONAL BUILDING CODE (IBC)
- 2012 INTERNATIONAL EXISTING BUILDING CODE (IEBC)
- 2012 INTERNATIONAL FIRE CODE (IFC)
- 2012 INTERNATIONAL MECHANICAL CODE (IMC)
- 2012 INTERNATIONAL FUEL GAS CODE (IFGC)
- 2014 NATIONAL ELECTRICAL CODE (NEC)
- 2012 UNIFORM PLUMBING CODE (UPC)
- NFPA 13 AS ADOPTED BY THE STATE OF ALASKA
- FIRE STATION 3:**
OCCUPANCY: S-1 NO CHANGE IN OCCUPANCY
CONSTRUCTION TYPE: VB
ALLOWABLE AREA: 9,000 SF
ACTUAL AREA: 2,050 SF
SPRINKLERED: NO
ROOF SURFACE: CLASS C REQUIRED, CLASS A PROVIDED
- FIRE STATION 4:**
OCCUPANCY: S-1 NO CHANGE IN OCCUPANCY
CONSTRUCTION TYPE: VB
ALLOWABLE AREA: 9,000 SF
ACTUAL AREA: 2,500 SF
SPRINKLERED: NO
ROOF SURFACE: CLASS C REQUIRED, CLASS A PROVIDED
- BALER BUILDING:**
OCCUPANCY: F-1 NO CHANGE IN OCCUPANCY
CONSTRUCTION TYPE: VB
ALLOWABLE AREA: 34,000 SF (8,500 SF BASE + 25,500SF SPRINKLER INCREASE)
ACTUAL AREA: 12,600 GSF
SPRINKLERED: YES
ROOF SURFACE: CLASS C REQUIRED, CLASS A PROVIDED

DEAD LOAD ANALYSIS

FIRE STATION 3

EXISTING ROOF SYSTEM, DEAD WEIGHT:

INSULATION	0.85 PSF
METAL ROOF PANEL, 24 GA	2.3 PSF
SPRAY FOAM ACRYLIC SHELL COATING	0.1 PSF

TOTAL REMOVED 3.3 PSF

ORIGINAL ROOF ALLOWABLE LOAD; EXISTING + DESIGN LIVE LOAD = 93.3 PSF
5% ALLOWABLE LOAD INCREASE = 4.7 PSF, TOTAL ALLOWABLE LOAD = 98 PSF

PROPOSED 6" INSULATED METAL PANEL ROOF WEIGHT = 3.2 PSF

THE NEW ROOF SYSTEM WILL WEIGH NEARLY EQUAL TO THE COMPONENTS TO BE REMOVED. NO STRUCTURAL UPGRADES REQUIRED.

FIRE STATION 4

EXISTING ROOF SYSTEM, DEAD WEIGHT:

INSULATION	0.85 PSF
METAL ROOF PANEL, 24 GA	2.3 PSF
SPRAY FOAM ACRYLIC SHELL COATING	0.1 PSF

TOTAL REMOVED 3.3 PSF

ORIGINAL ROOF ALLOWABLE LOAD; EXISTING + DESIGN LIVE LOAD = 93.3 PSF
5% ALLOWABLE LOAD INCREASE = 4.7 PSF, TOTAL ALLOWABLE LOAD = 98 PSF

PROPOSED 6" INSULATED METAL PANEL ROOF WEIGHT = 3.2 PSF

THE NEW ROOF SYSTEM WILL WEIGH NEARLY EQUAL TO THE COMPONENTS TO BE REMOVED. NO STRUCTURAL UPGRADES REQUIRED.

BALER BUILDING

EXISTING ROOF SYSTEM, DEAD WEIGHT:

INSULATION	1.0 PSF
METAL ROOF PANEL, 24 GA	2.3 PSF

TOTAL REMOVED 3.3 PSF

ORIGINAL ROOF ALLOWABLE LOAD; EXISTING + DESIGN LIVE LOAD = 95.5 PSF
5% ALLOWABLE LOAD INCREASE = 7.1 PSF, TOTAL ALLOWABLE LOAD = 148.4 PSF

PROPOSED 6" INSULATED METAL PANEL ROOF WEIGHT = 3.2 PSF

THE NEW ROOF SYSTEM WILL WEIGH LESS THAN THE COMPONENTS TO BE REMOVED. NO STRUCTURAL UPGRADES REQUIRED.

GENERAL NOTES

- THE "NATIONAL ROOFING CONTRACTOR'S ASSOCIATION (NRCA) ROOFING MANUAL: METAL ROOFING" IS USED AS THE BASIS FOR THIS DESIGN AND IS TO BE USED BY THE CONTRACTOR AS A BASIS FOR CONSTRUCTION, UNLESS OTHERWISE NOTED.
- ROOF INVESTIGATIVE INFORMATION IS SHOWN ON EXISTING DETAILS.
- EXISTING CONDITIONS ARE SHOWN AS ACCURATELY AS POSSIBLE. SITE VERIFY ALL INFORMATION NOTED IN THESE CONTRACT DOCUMENTS.
- ALL DETAILS ARE TO BE CONSIDERED TYPICAL. SIMILAR DETAILS OCCUR AT SIMILAR LOCATIONS.
- IF DECAYED WOOD OR STEEL IS FOUND, INFORM THE OWNER'S REPRESENTATIVE PRIOR TO REMOVAL / REPLACEMENT OR CONCEALING DAMAGE.
- NO SILICONE SEALANT IS TO BE USED. USE ONLY ARCHITECT APPROVED SEALANT.
- CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES, ELECTRICAL EQUIPMENT AND WIRING, INCLUDING ANY BELOW DECK APPURTENANCES BEFORE PROCEEDING WITH ANY WORK. CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO EXISTING MECHANICAL, ELECTRICAL, PLUMBING APPURTENANCES.
- ALL ROOFING AND BUILDING MATERIALS ARE TO BE KEPT DRY.
- CONTRACTOR TO WORK ON ONLY PORTION OF THE ROOFING THAT CAN BE WATERPROOFED THAT DAY.
- CLEANING DURING CONSTRUCTION: CONTROL ACCUMULATION WASTE MATERIALS AND RUBBISH. DISPOSE OF WASTE IMMEDIATELY. KEEP AREAS FREE OF HAZARDS AND RUBBISH.
- CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE SITE AND BUILDING FROM PROJECT RELATED DAMAGE.
- TAKE SPECIAL CARE TO SECURE ALL CONSTRUCTION AND DEMOLITION MATERIALS FROM WIND DISPLACEMENT
- COORDINATE WITH OWNER'S REPRESENTATIVE TO ACCOMMODATE ANY SPECIAL REASONABLE NEEDS.
- NO NOISE PRODUCING WORK BEFORE 7 AM OR AFTER 10 PM.
- OWNER IS NOT LIABLE FOR ANY CHANGE EXPENSE NOT APPROVED CONTRACTUALLY.
- EXISTING PURLIN GAUGE AND SPACING TO BE FIELD VERIFIED PRIOR TO ORDERING INSULATED METAL ROOF PANELS.

SYMBOLS

ROOF 'XX' TOD: 0'-0"	ROOF DESIGNATION
	APPROXIMATE TOP OF ROOF DECK
6 / A3.01	POINTER INDICATING REFERENCE PHOTO VIEW
	REFERENCE PHOTO DETAIL NUMBER & SHEET
●	HOT STACK
⊙	ROUND SHEET METAL VENT STACK
⊠	MECHANICAL VENT ON CURB
⊘	PLUMBING VENT THROUGH ROOF
○	PIPE THROUGH ROOF
↗	ROOF SLOPE DIRECTION

SPECIAL CONDITIONS

- CONTRACTOR MAY UTILIZE POWER AND WATER AT THE SITE AT NO COST.
- CONTRACTOR TO PROVIDE PORTABLE TOILETS.
- COORDINATE ANY BUILDING SHUTDOWNS WITH THE OWNER'S REPRESENTATIVE.

SHEET INDEX

G0.01	TITLE & INFORMATION SHEET
A1.01	SITE PLAN SHEET
A2.01	FIRE STA. 3 - DEMOLITION ROOF PLAN
A2.02	FIRE STA. 3 - ROOF PLAN
A2.03	FIRE STA. 4 - DEMOLITION ROOF PLAN
A2.04	FIRE STA. 4 - ROOF PLAN
A2.05	BALER BLDG - DEMOLITION ROOF PLAN
A2.06	BALER BLDG - ROOF PLAN
A3.01	REFERENCE PHOTOS
A4.01	ROOF DETAILS
A4.02	ROOF DETAILS
A4.03	ROOF DETAILS
M0.01	MECHANICAL LEGEND & SCHEDULES
M1.01	FIRE STATION 3 DEMOLITION
M1.02	FIRE STATION 3 REMODEL
M2.01	FIRE STATION 4 DEMOLITION
M2.02	FIRE STATION 4 REMODEL
M3.01	BALER BUILDING DEMOLITION
M3.02	BALER BUILDING REMODEL

E0.01	ELECTRICAL LEGEND & PHOTOS
E1.01	FIRE STATION 3 DEMOLITION
E1.02	FIRE STATION 3 REMODEL
E2.01	FIRE STATION 4 DEMOLITION
E2.02	FIRE STATION 4 REMODEL
E3.01	BALER BUILDING DEMOLITION
E3.02	BALER BUILDING REMODEL

REVISIONS

No	Description	Date
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BALER & FIRE STA. 3 & 4 ROOF REPLACEMENTS

Valdez, AK

BDS Project No.: 020002
COV Project No.: 20-350-2012

BID DOCUMENTS
December 22, 2020

TITLE & INFORMATION SHEET G0.01

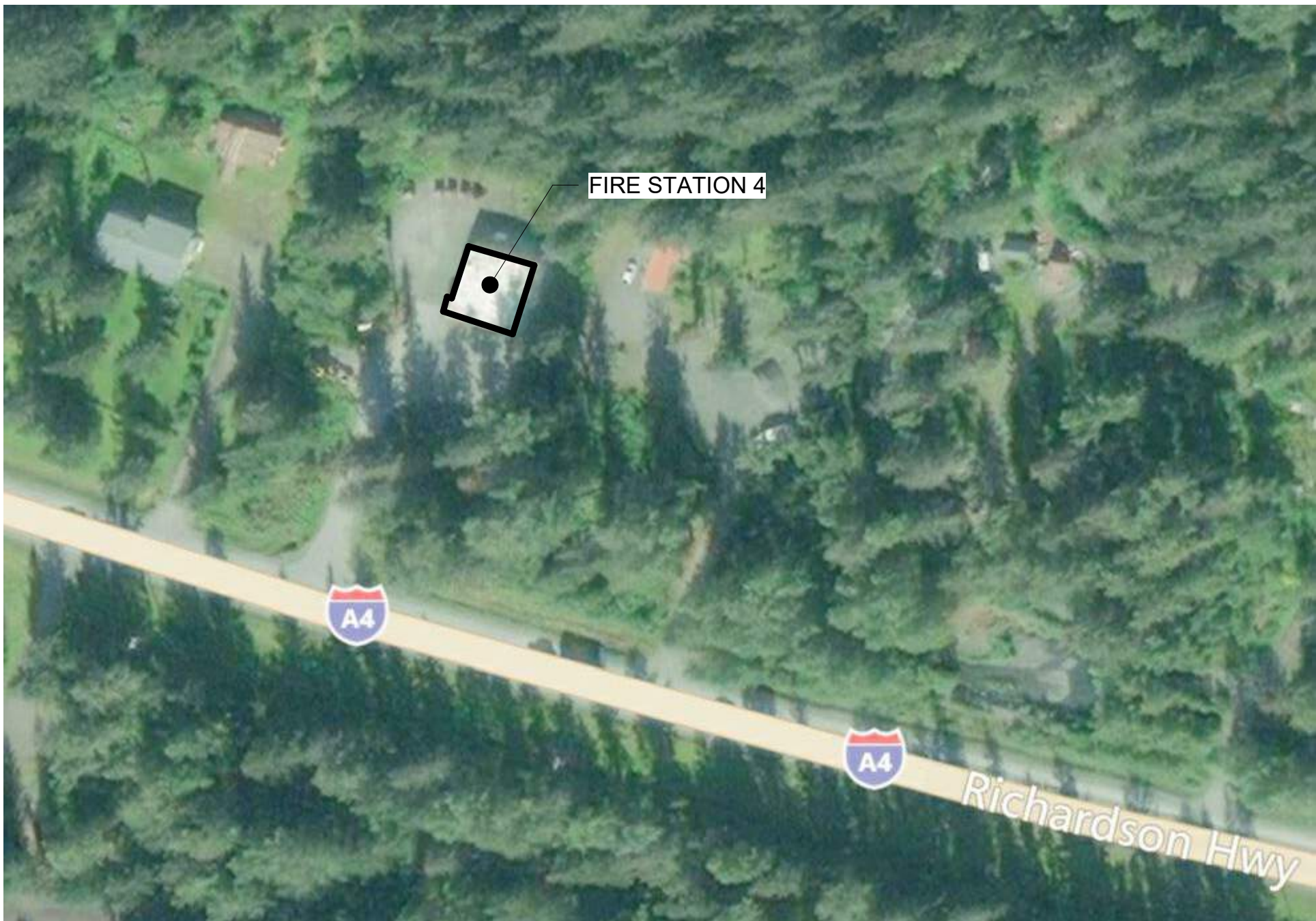
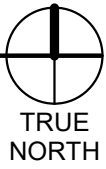
SITE PLAN NOTES

- 1. AT EACH PROJECT SITE, CONTRACTOR IS TO COORDINATE WITH OWNER'S REPRESENTATIVE FOR STORAGE, STAGING, AND BUILDING ACCESS AREAS.
- 2. MAINTAIN ALL SITE ACCESS AND BUILDING OCCUPANT AND VEHICLE ENTRIES FREE FROM OBSTRUCTIONS AT ALL TIMES.
- 3. CONTRACTOR TO BE RESPONSIBLE FOR TEMPORARY FENCING AND SECURING MATERIALS STORED ON SITE.

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3 SITE PLAN- BALER BUILDING
A1.01 SCALE: 12" = 1'-0"



2 SITE PLAN- FIRE STATION 4
A1.01 SCALE: 12" = 1'-0"



1 SITE PLAN- FIRE STATION 3
A1.01 SCALE: 12" = 1'-0"



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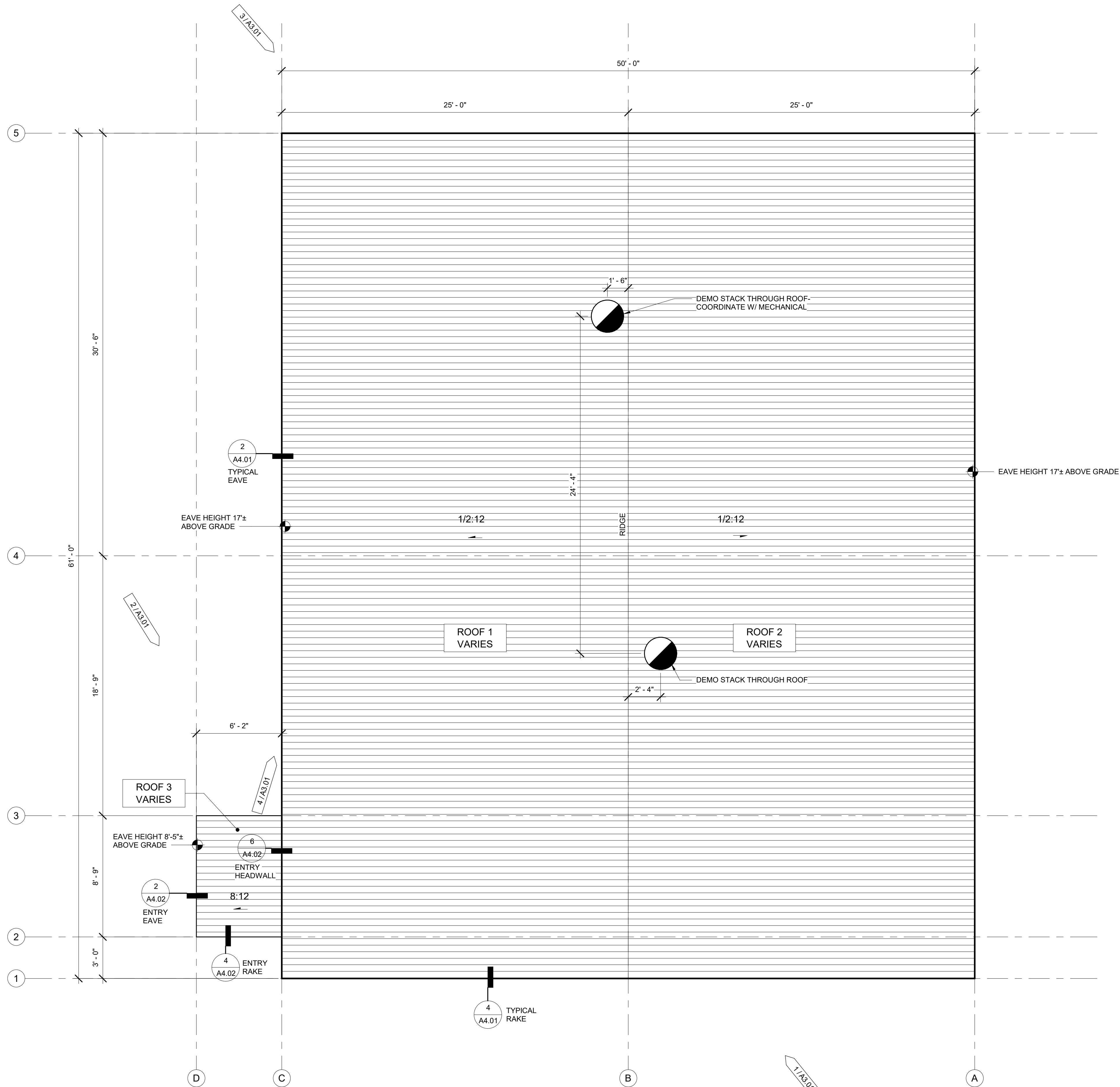
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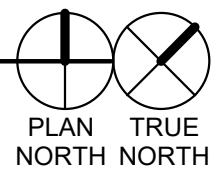
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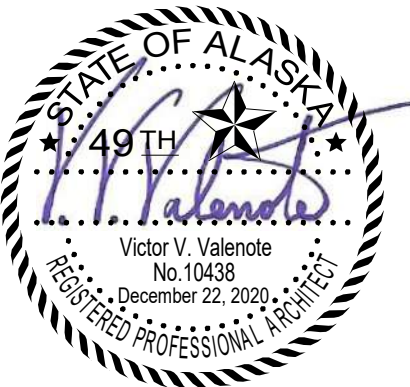
**SITE PLAN
SHEET
A1.01**



1 FIRE STATION 3 - DEMOLITION ROOF PLAN
A2.01 SCALE: 1/4" = 1'-0"



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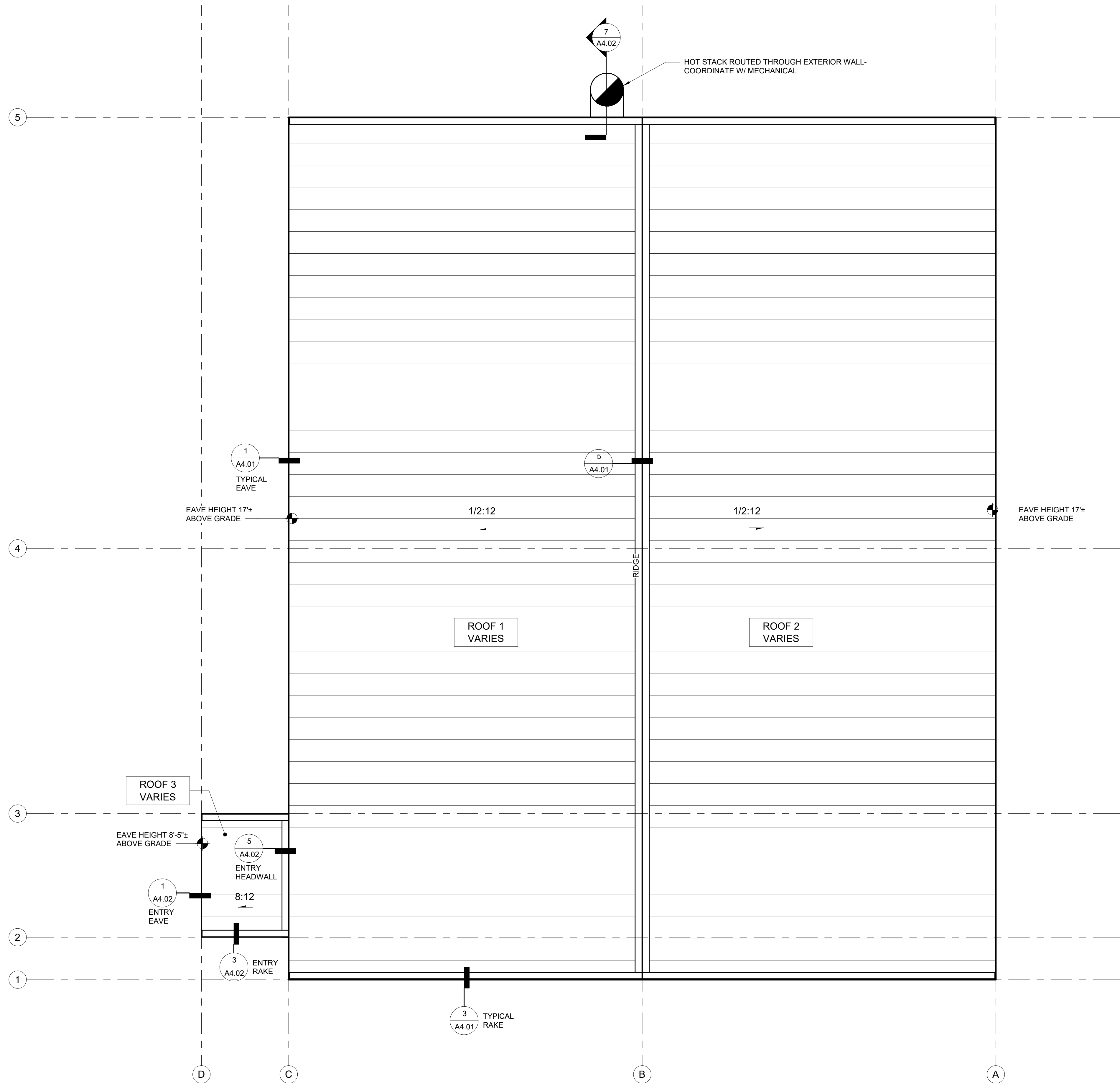
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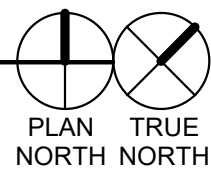
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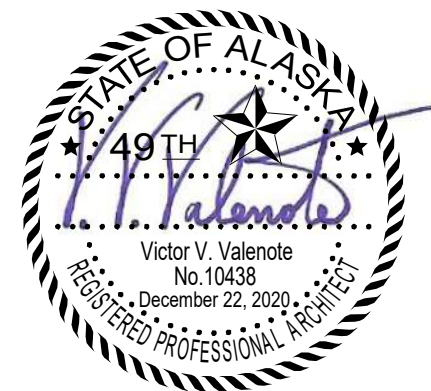
FIRE STA. 3 -
DEMOLITION
ROOF PLAN
A2.01



1 FIRE STATION 3 - ROOF PLAN
A2.02 SCALE: 1/4" = 1'-0"



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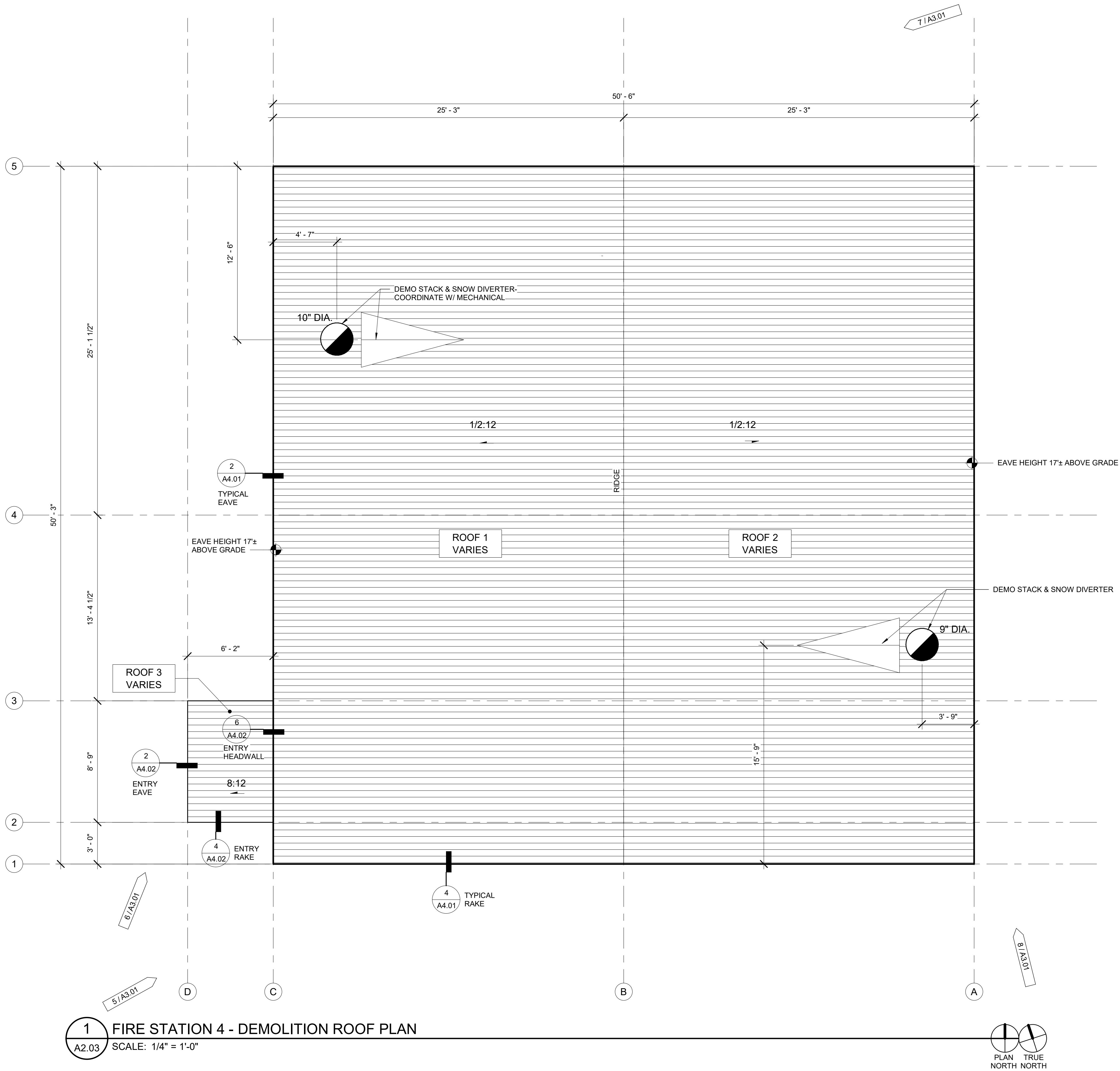
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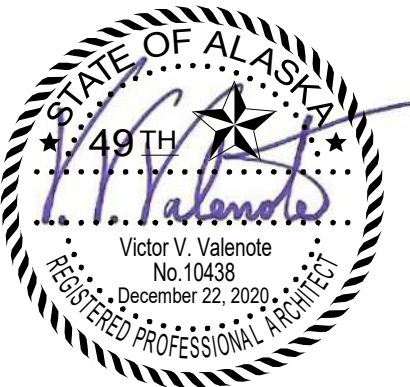
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FIRE STA. 3 -
ROOF PLAN
A2.02



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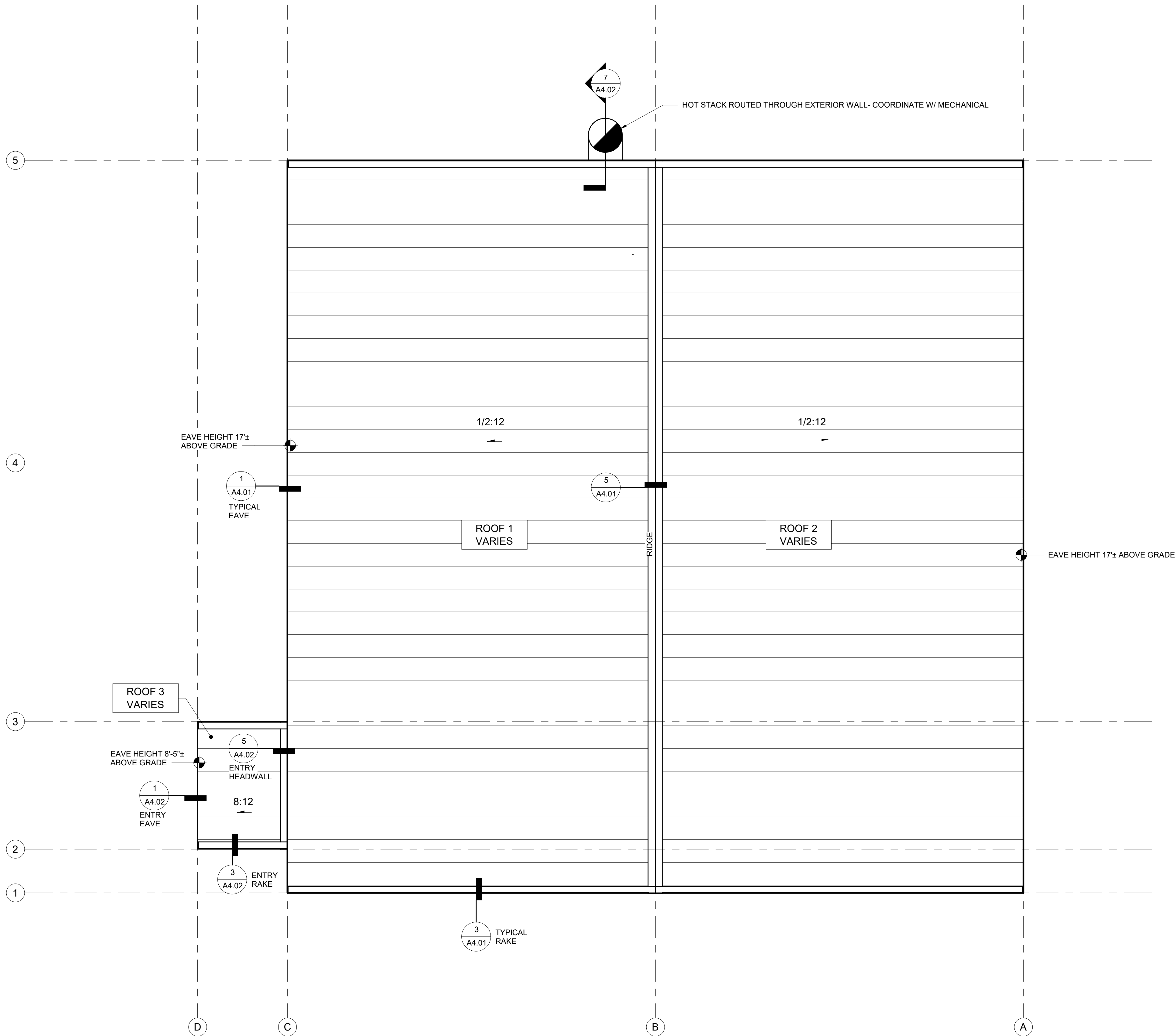
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3 & 4 ROOF
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FIRE STA. 4 -
DEMOLITION
ROOF PLAN
A2.03



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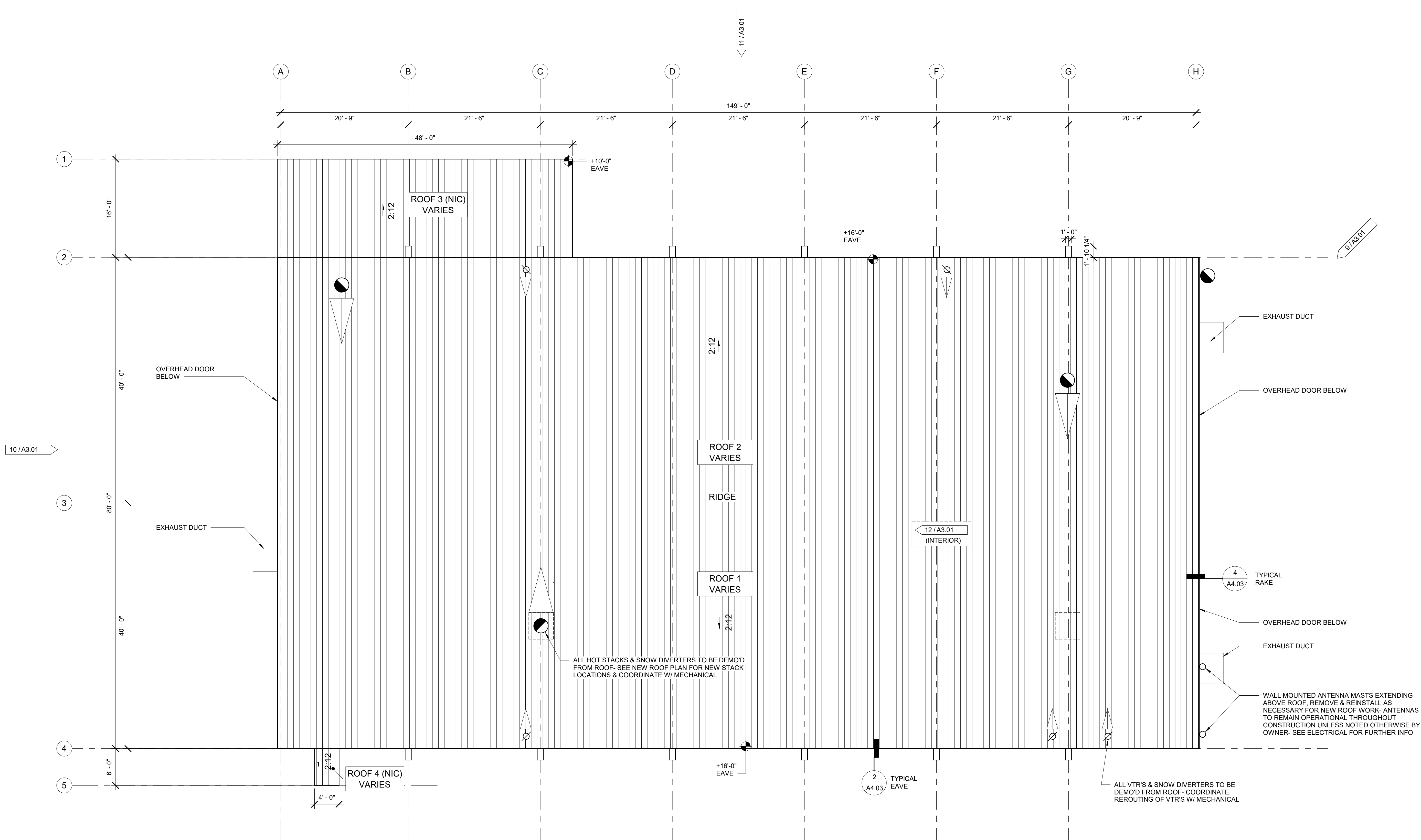
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FIRE STA. 4 -
ROOF PLAN
A2.04



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STATE OF ALASKA
★ 49 TH ★
Victor V. Valenote
No. 10438
December 22, 2020
REGISTERED PROFESSIONAL ARCHITECT

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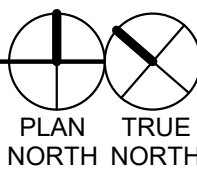
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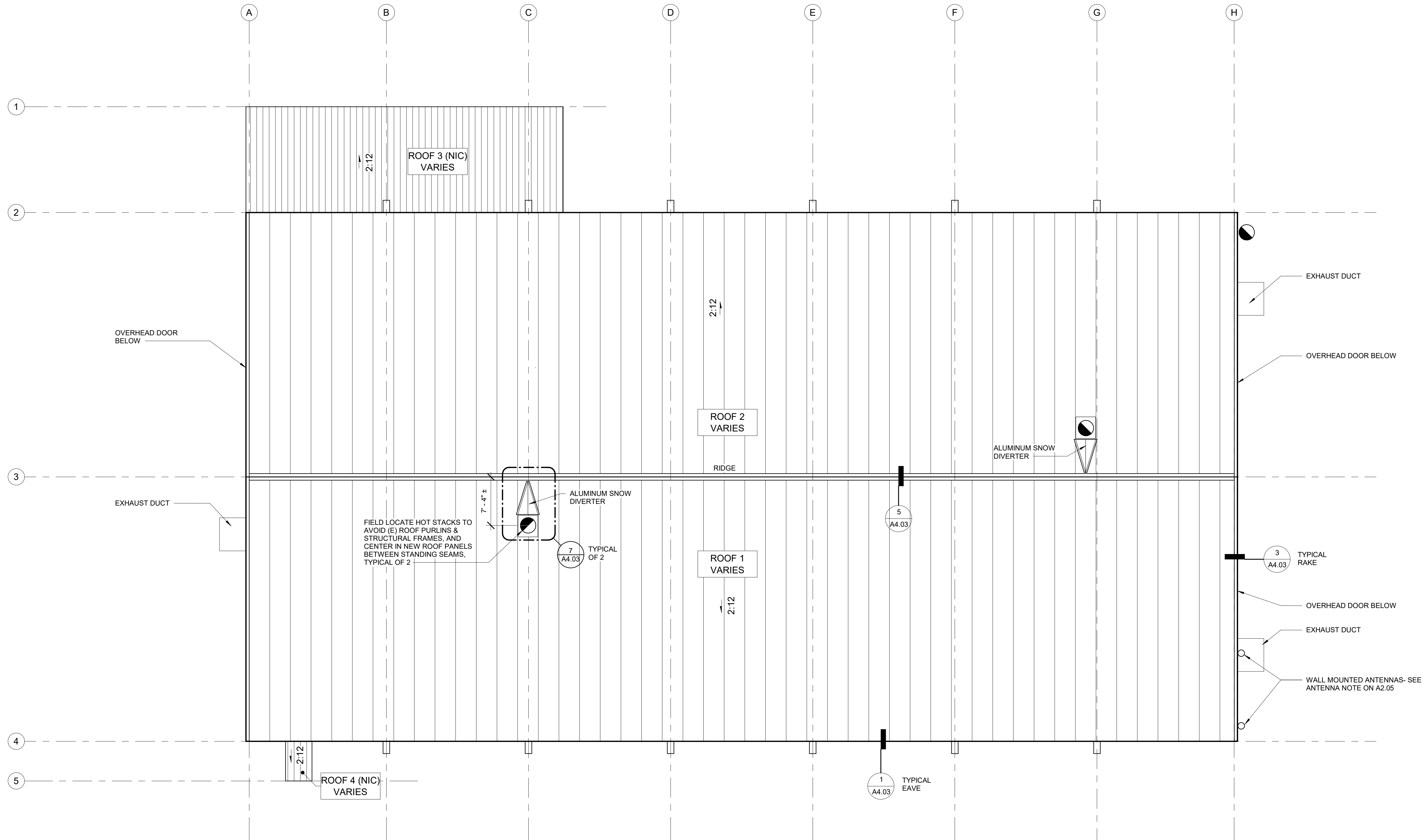
BALER & FIRE STA.
3 & 4 ROOF
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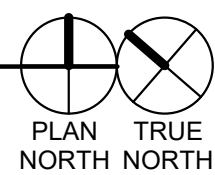
BALER BLDG -
DEMOLITION
ROOF PLAN
A2.05

1 BALER BLDG - DEMOLITION ROOF PLAN
A2.05 SCALE: 1/8" = 1'-0"

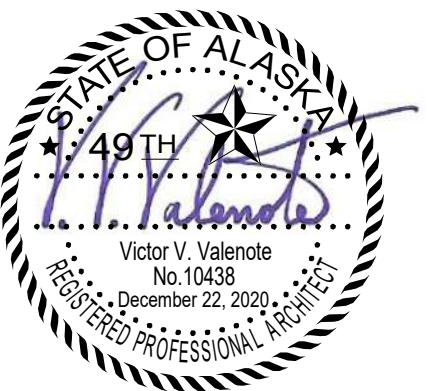




1 BALER BLDG - ROOF PLAN
A2.06 SCALE: 1/8" = 1'-0"



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BALER BLDG -
ROOF PLAN
A2.06



12 BALER BLDG- REFERENCE PHOTO 12
A3.01 SCALE: 12" = 1'-0"



11 BALER BLDG- REFERENCE PHOTO 11
A3.01 SCALE: 12" = 1'-0"



10 BALER BLDG- REFERENCE PHOTO 10
A3.01 SCALE: 12" = 1'-0"



9 BALER BLDG- REFERENCE PHOTO 9
A3.01 SCALE: 12" = 1'-0"



8 FS 4- REFERENCE PHOTO 8
A3.01 SCALE: 12" = 1'-0"



7 FS 4- REFERENCE PHOTO 7
A3.01 SCALE: 12" = 1'-0"



6 FS 4- REFERENCE PHOTO 6
A3.01 SCALE: 12" = 1'-0"



5 FS 4- REFERENCE PHOTO 5
A3.01 SCALE: 12" = 1'-0"



4 FS 3- REFERENCE PHOTO 4
A3.01 SCALE: 12" = 1'-0"



3 FS 3- REFERENCE PHOTO 3
A3.01 SCALE: 12" = 1'-0"



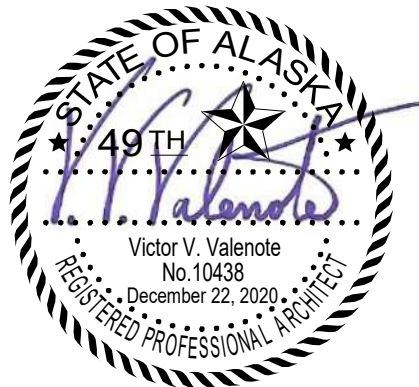
2 FS 3- REFERENCE PHOTO 2
A3.01 SCALE: 12" = 1'-0"



1 FS 3- REFERENCE PHOTO 1
A3.01 SCALE: 12" = 1'-0"

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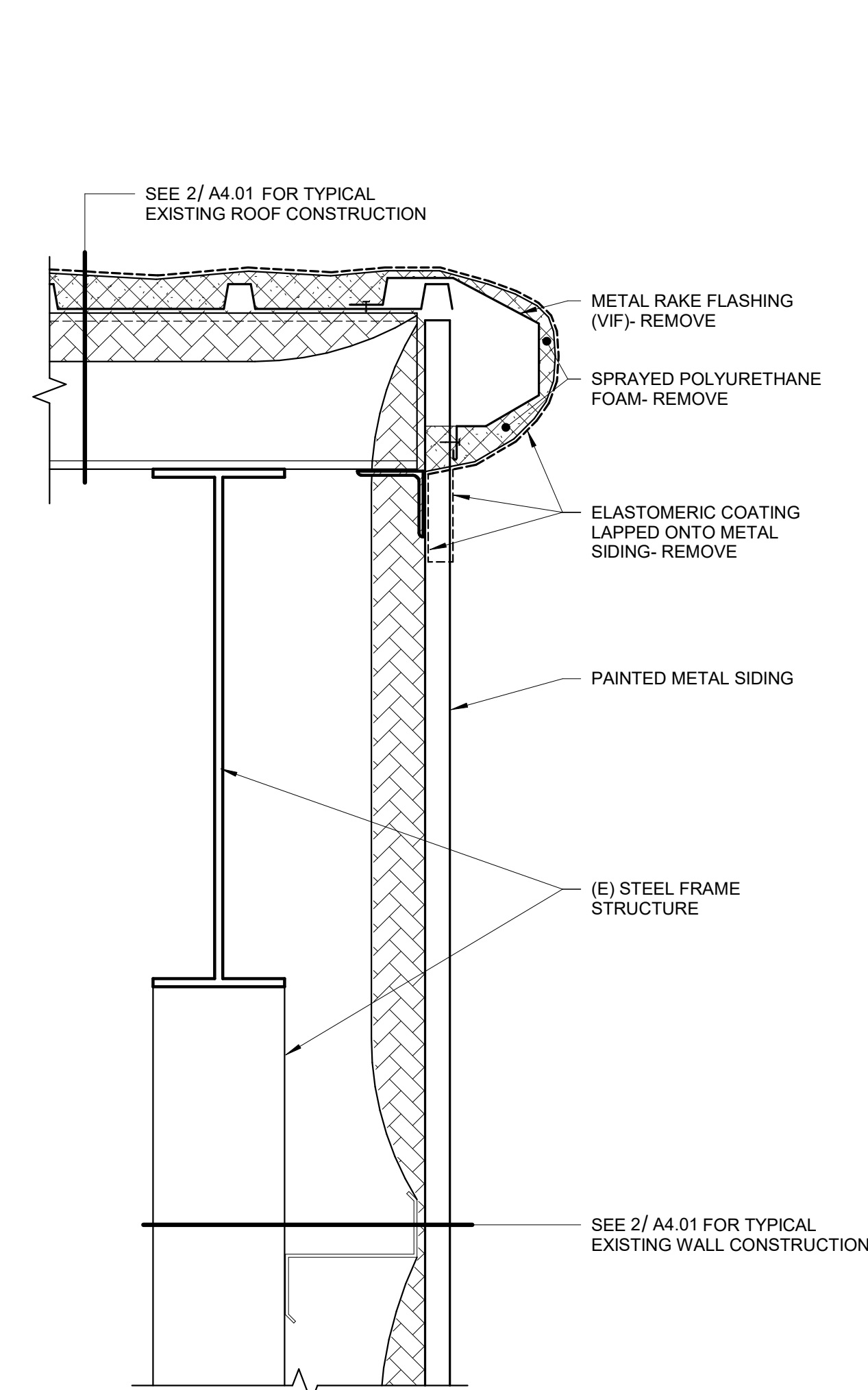
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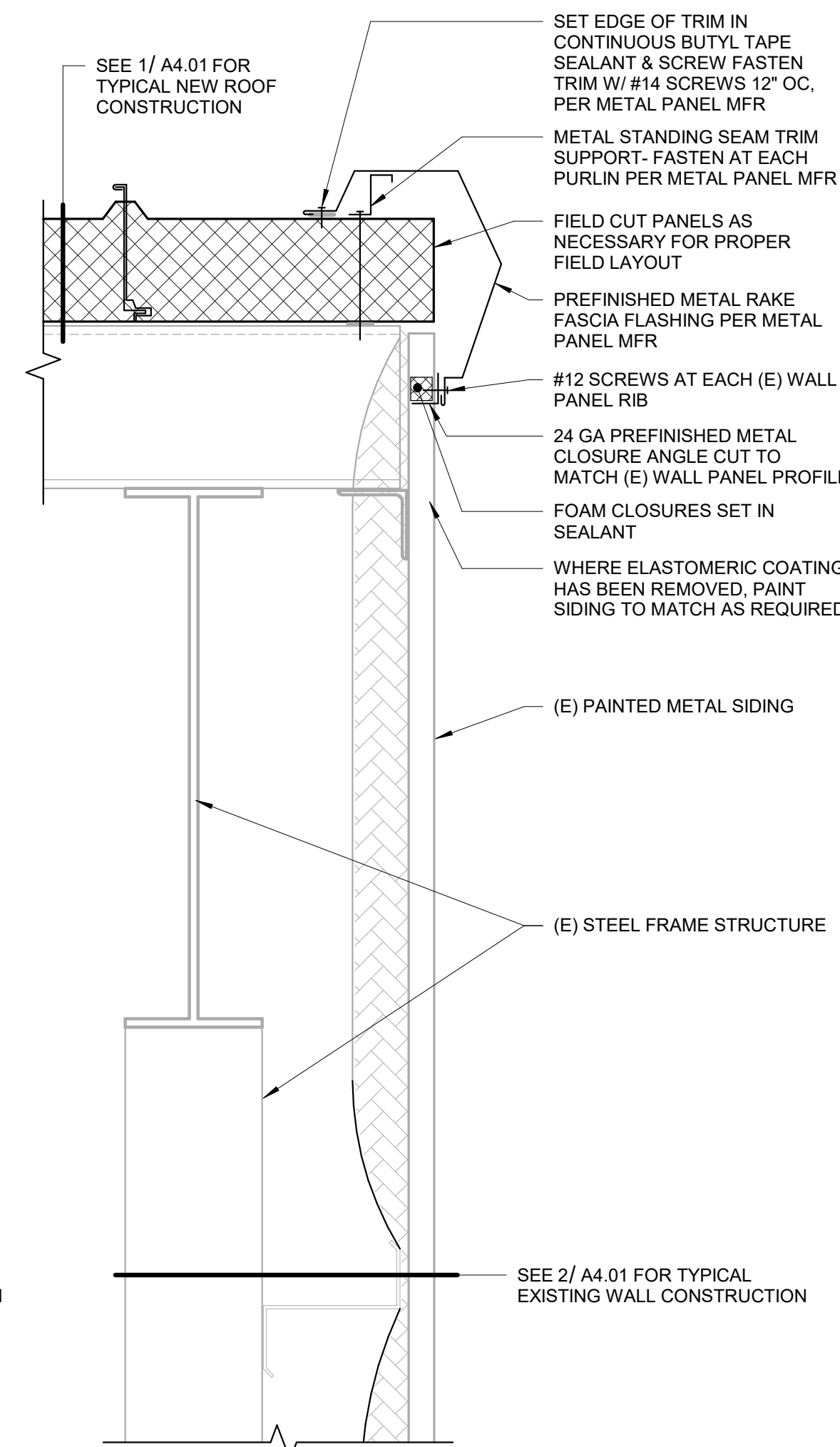
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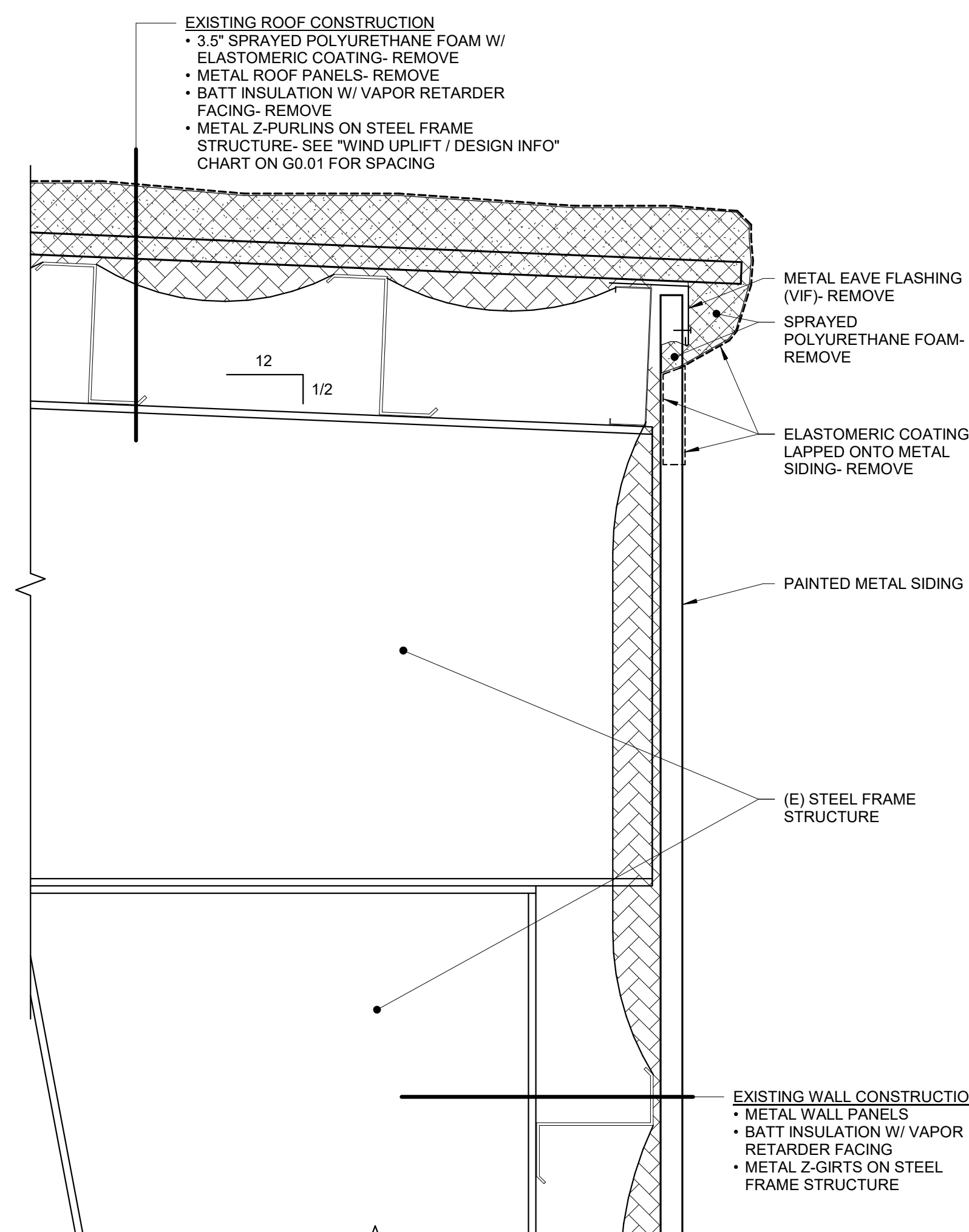
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PHOTOS
A3.01



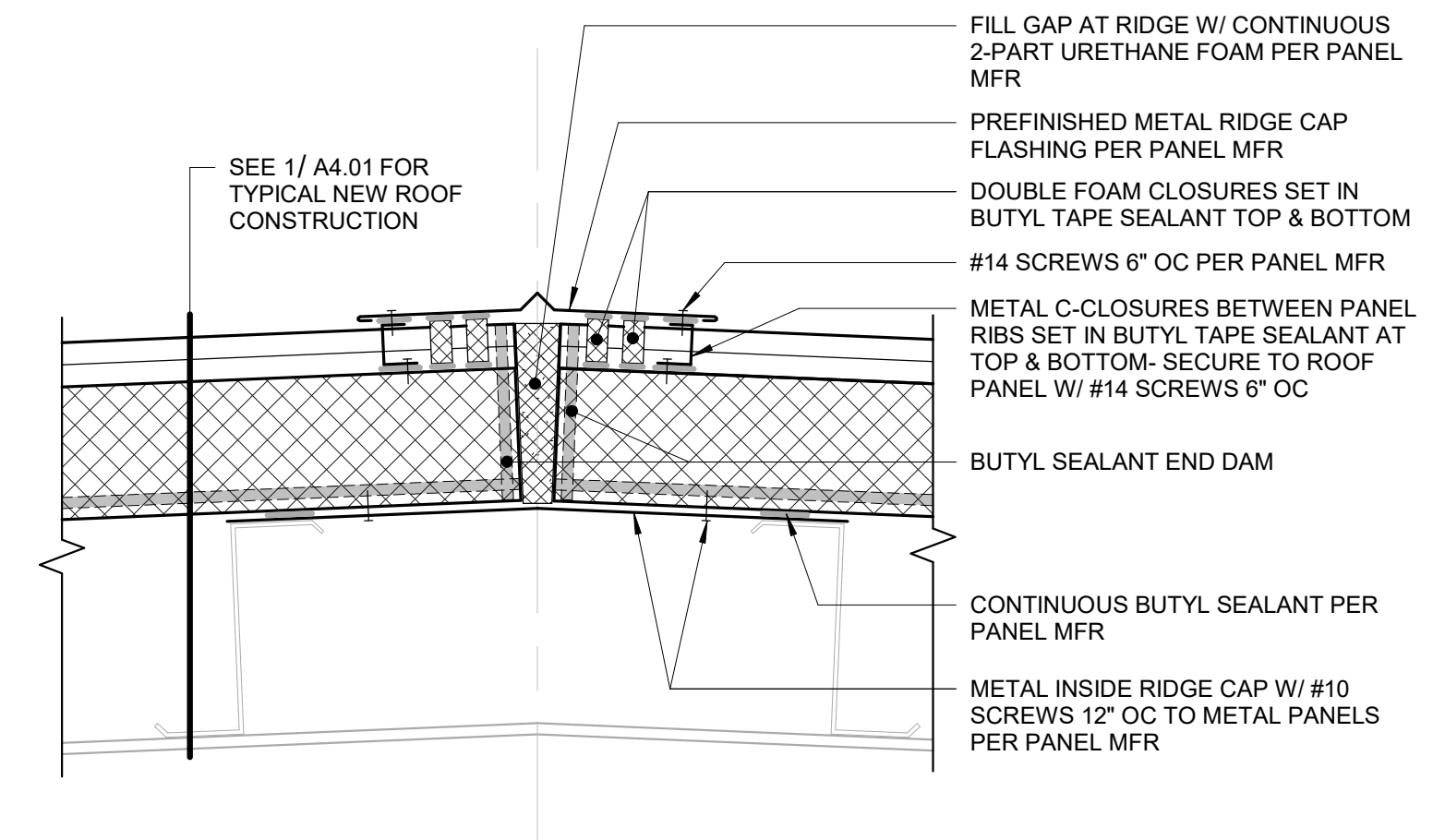
4 DEMO RAKE DETAIL- FIRE STA 3 & 4
A4.01 SCALE: 1 1/2" = 1'-0"



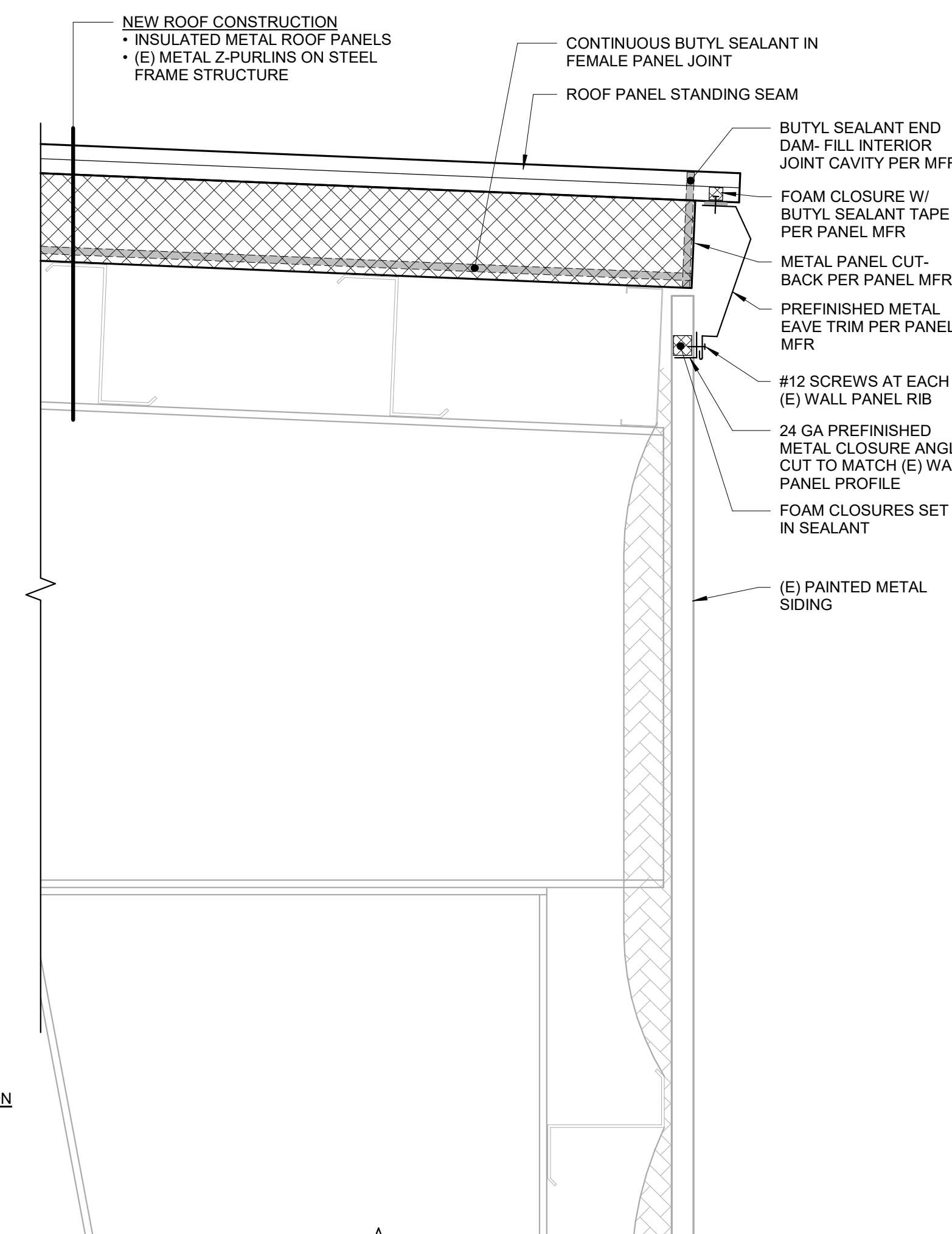
3 RAKE DETAIL- FIRE STA 3 & 4
A4.01 SCALE: 1 1/2" = 1'-0"



2 DEMO EAVE DETAIL- FIRE STA 3 & 4
A4.01 SCALE: 1 1/2" = 1'-0"

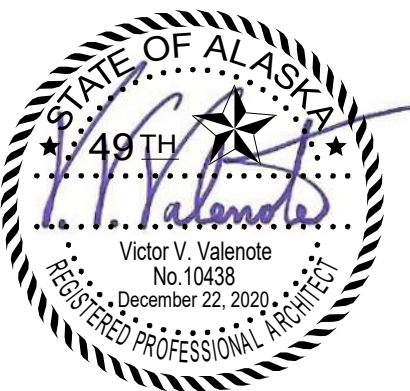


5 RIDGE DETAIL- FIRE STA 3 & 4
A4.01 SCALE: 1 1/2" = 1'-0"



1 EAVE DETAIL- FIRE STA 3 & 4
A4.01 SCALE: 1 1/2" = 1'-0"

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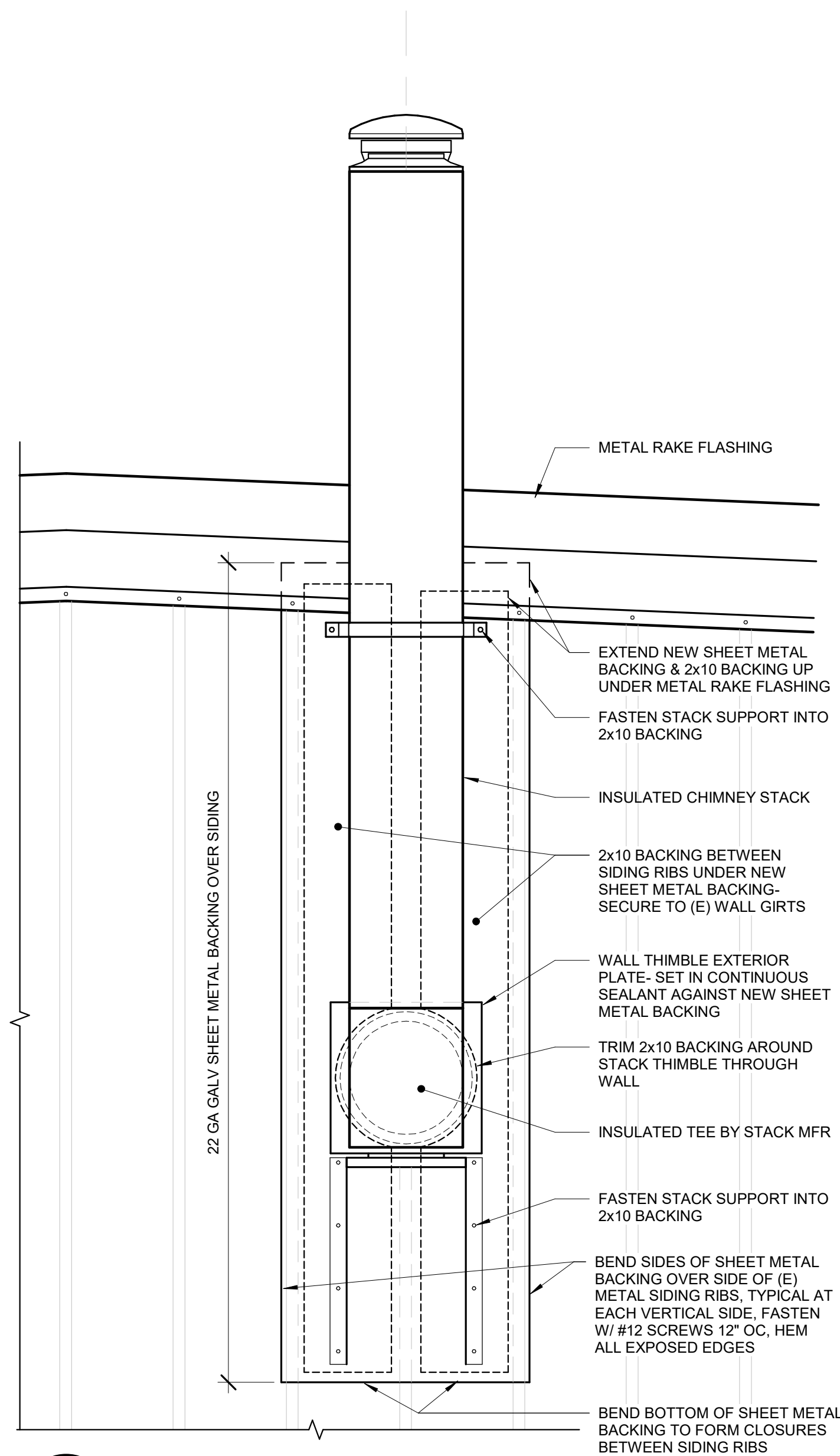
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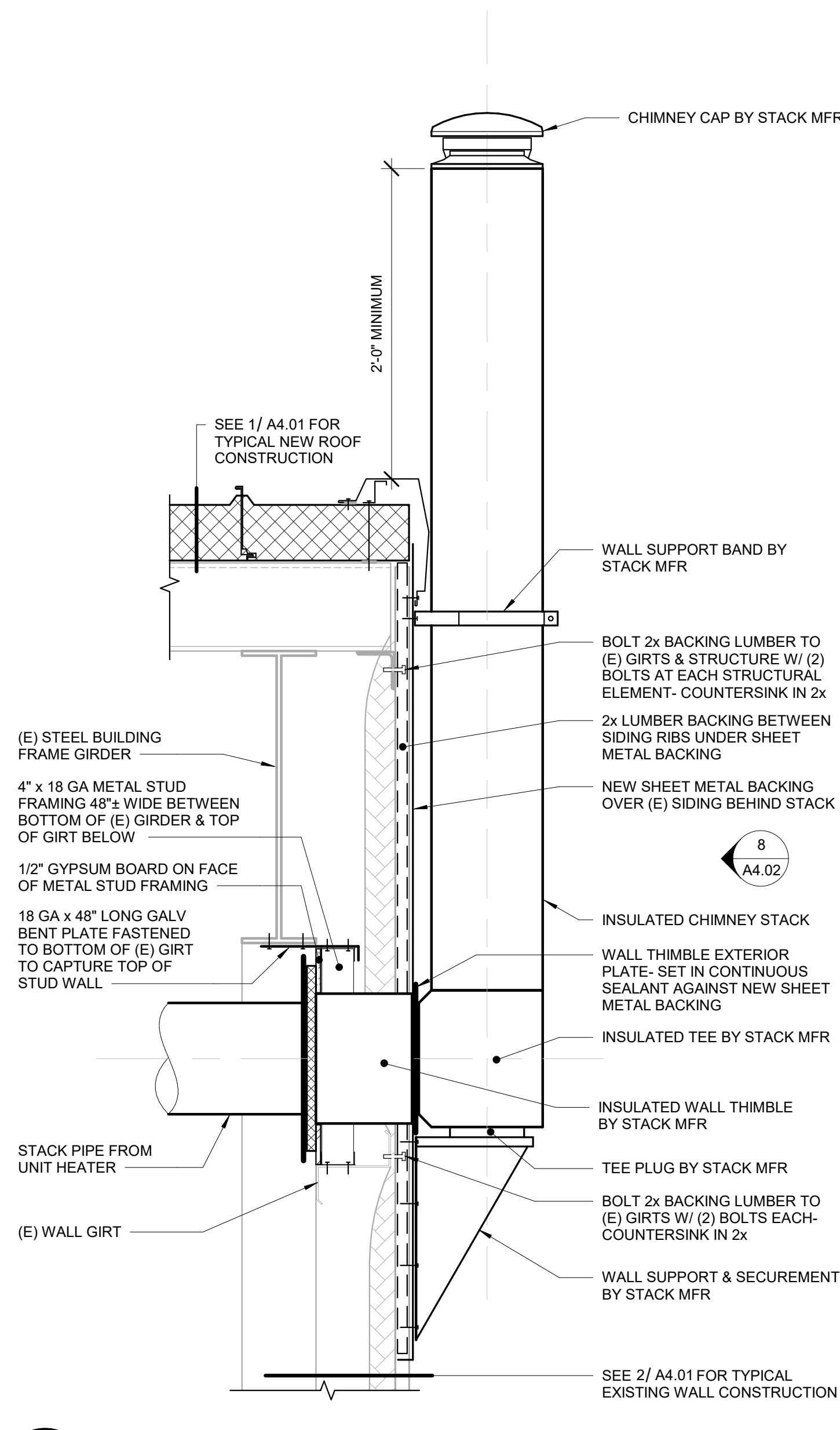
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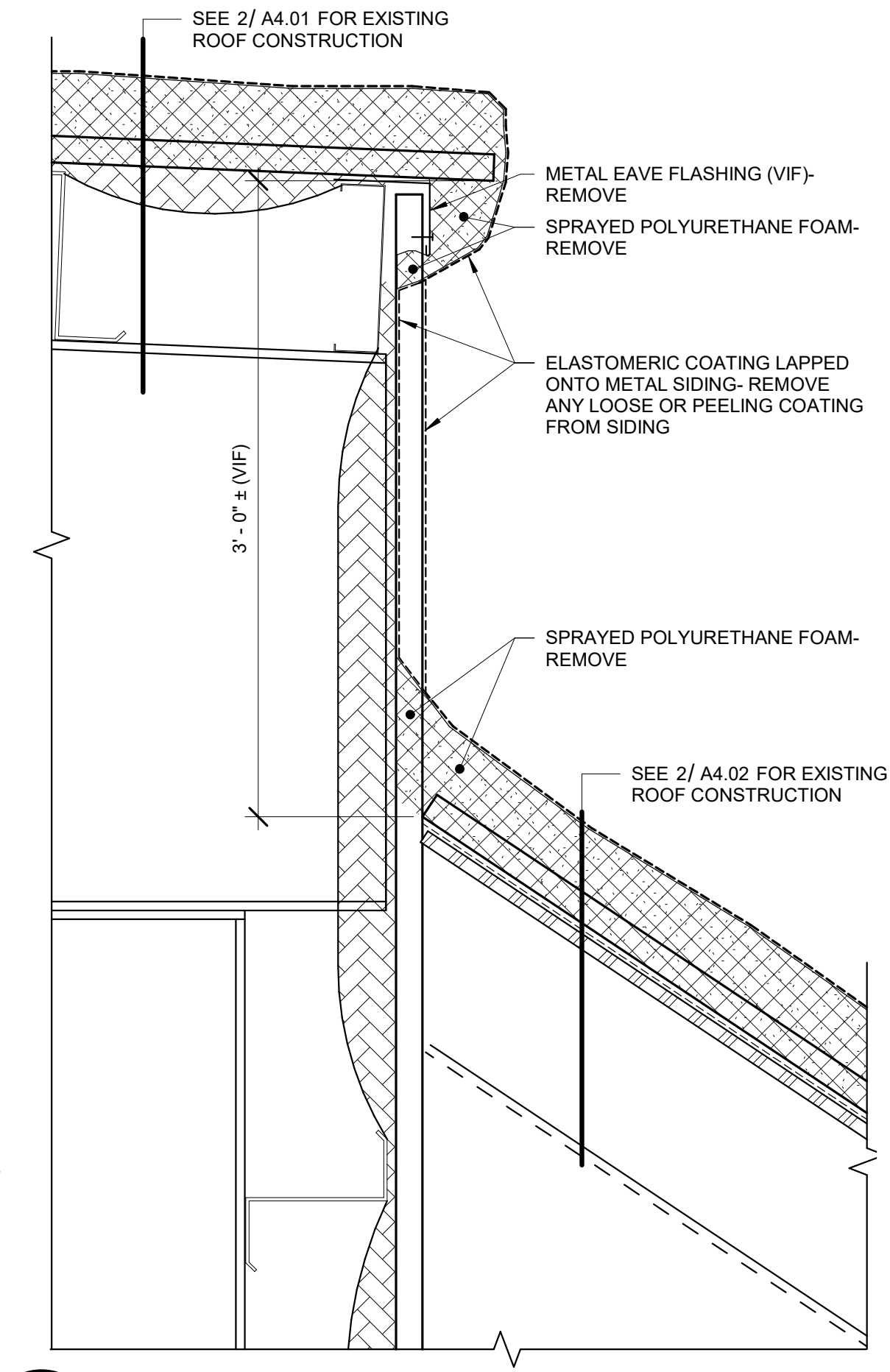
**ROOF
DETAILS
A4.01**



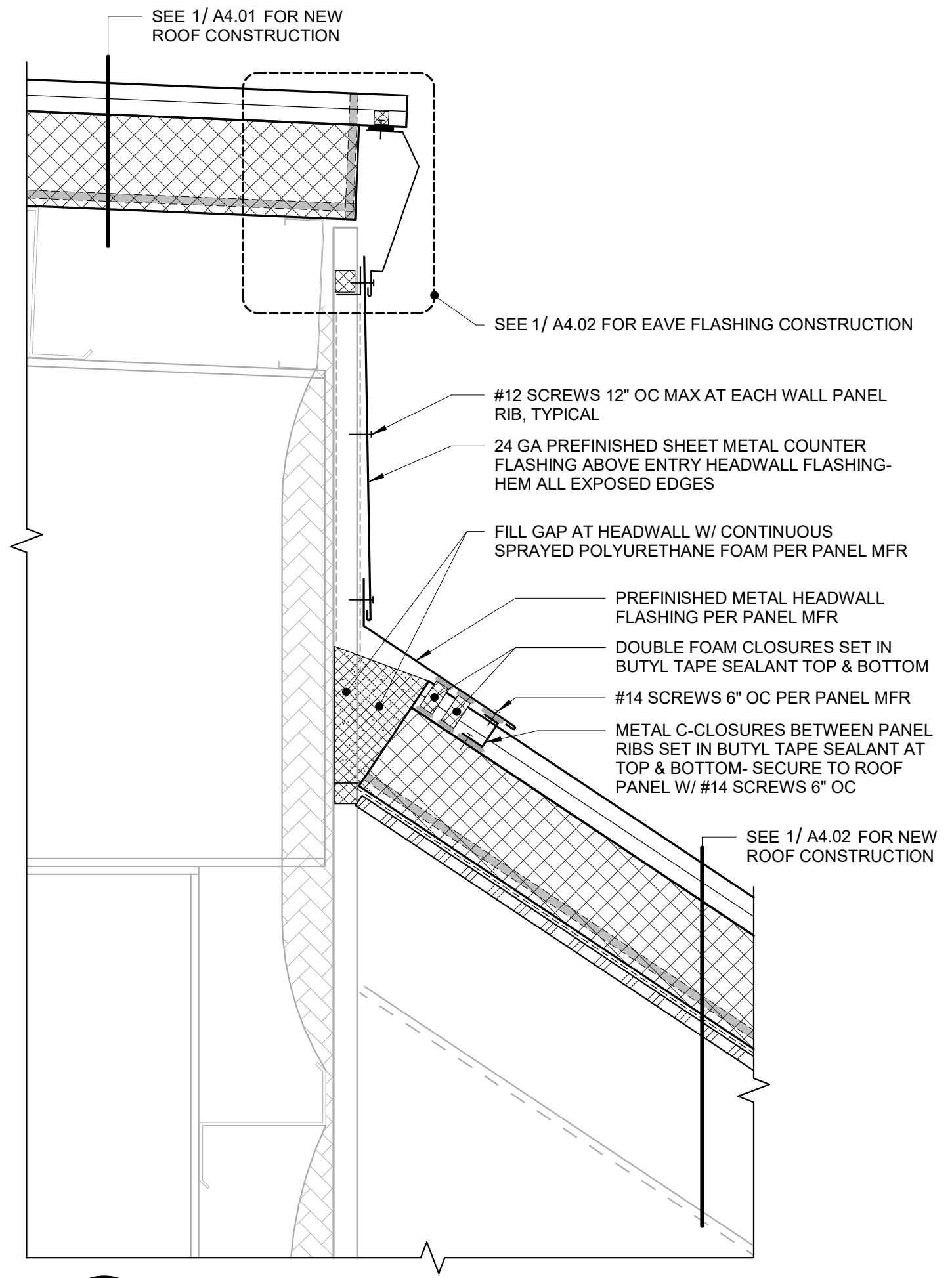
8 STACK ELEVATION- FIRE STA 3 & 4
A4.02 SCALE: 1" = 1'-0"



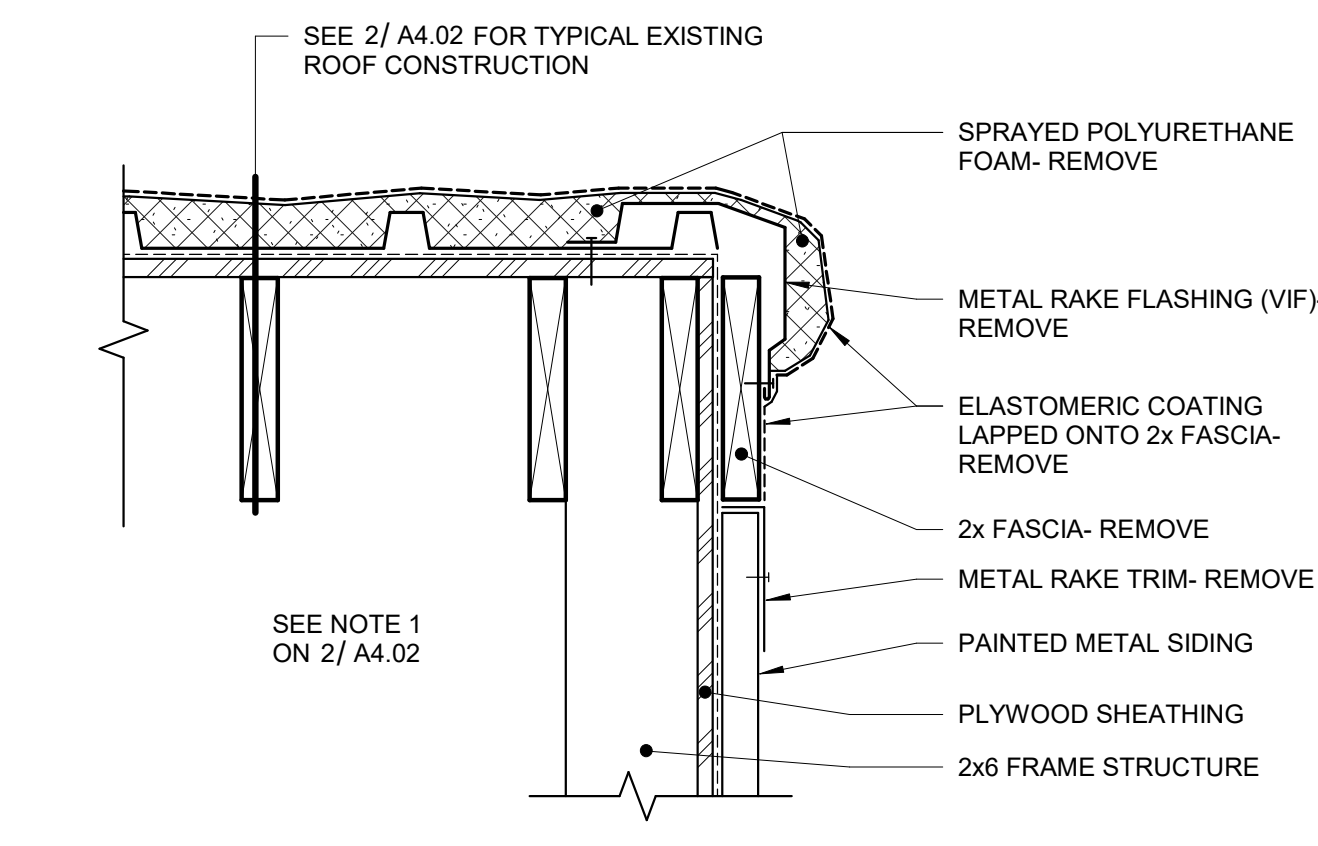
7 STACK SECTION- FIRE STA 3 & 4
A4.02 SCALE: 1" = 1'-0"



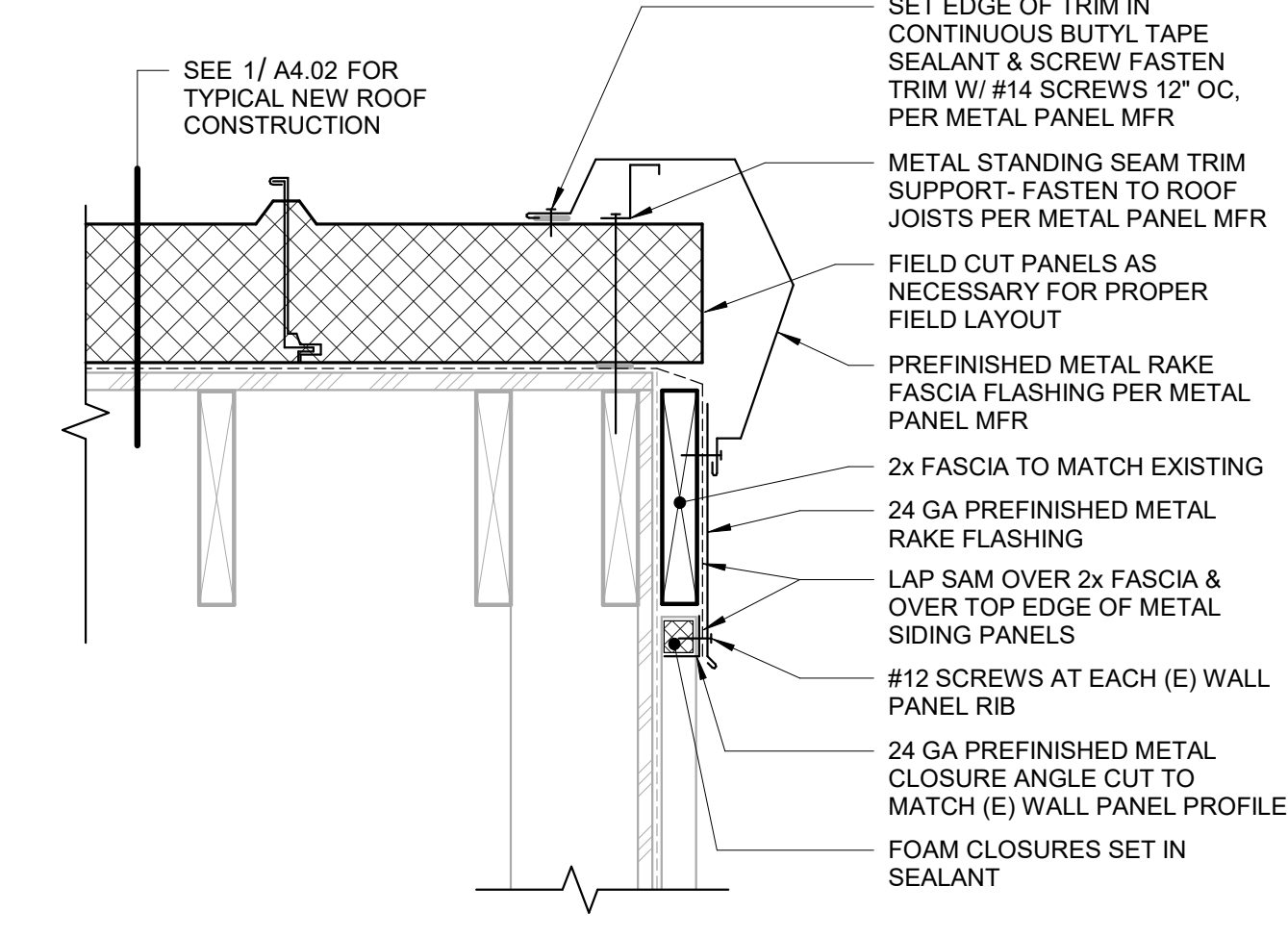
6 DEMO ENTRY HEADWALL- FIRE STA 3 & 4
A4.02 SCALE: 1 1/2" = 1'-0"



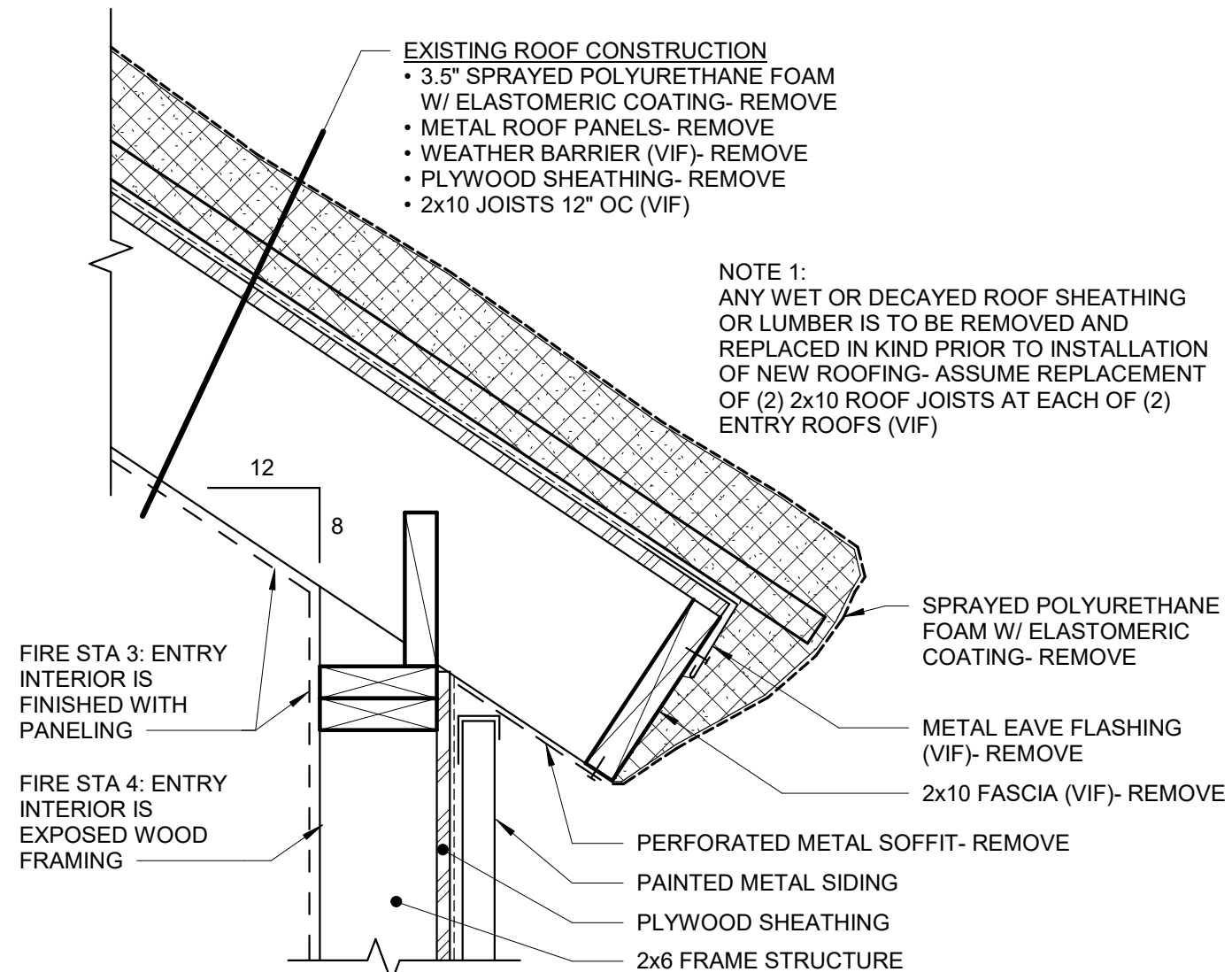
5 ENTRY HEADWALL- FIRE STA 3 & 4
A4.02 SCALE: 1 1/2" = 1'-0"



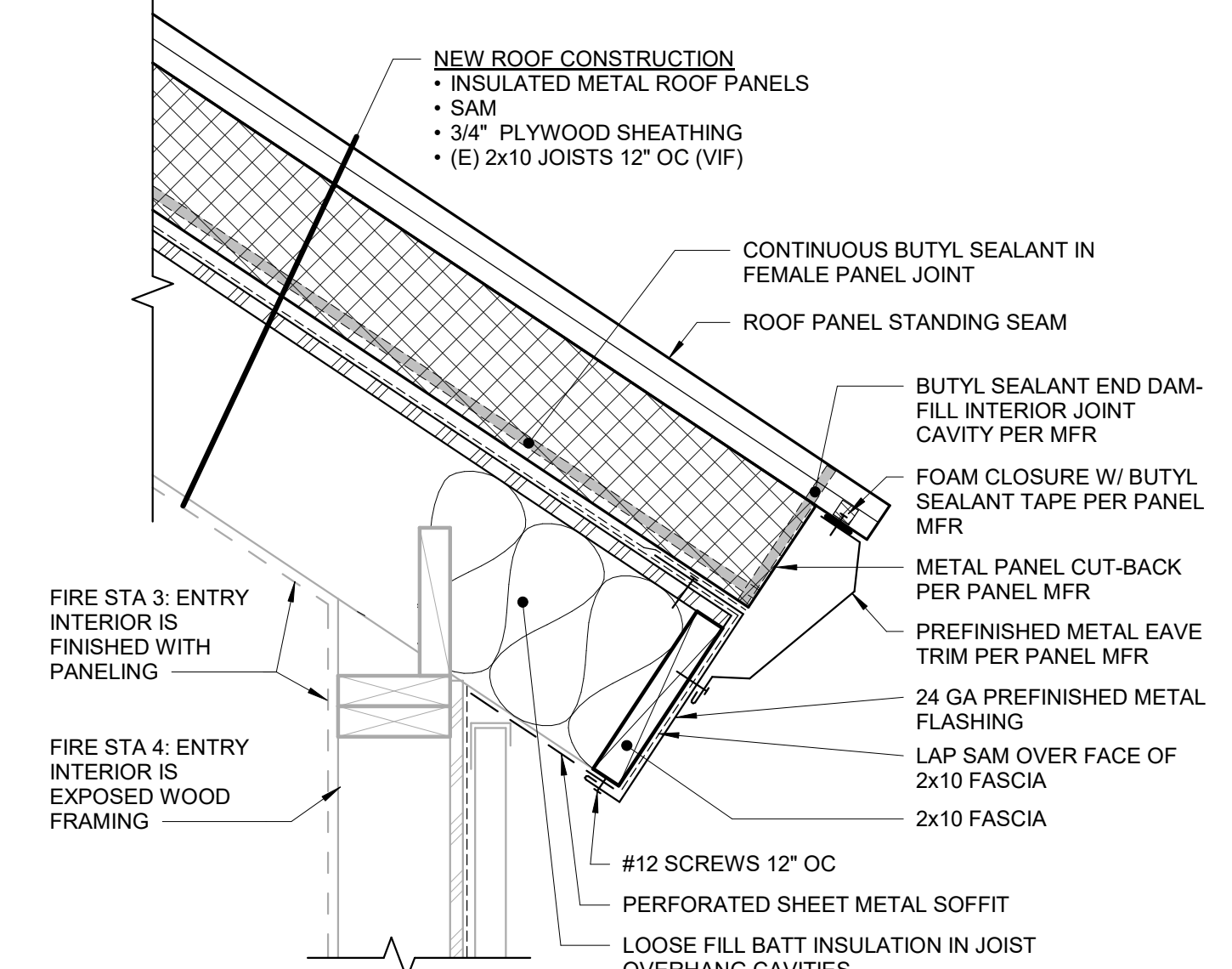
4 DEMO ENTRY RAKE- FIRE STA 3 & 4
A4.02 SCALE: 1 1/2" = 1'-0"



3 ENTRY RAKE- FIRE STA 3 & 4
A4.02 SCALE: 1 1/2" = 1'-0"

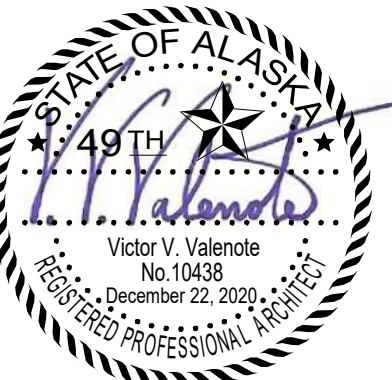


2 DEMO ENTRY EAVE- FIRE STA 3 & 4
A4.02 SCALE: 1 1/2" = 1'-0"



1 ENTRY EAVE- FIRE STA 3 & 4
A4.02 SCALE: 1 1/2" = 1'-0"

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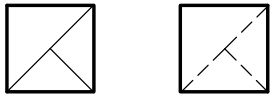
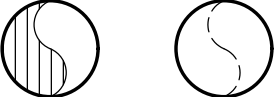
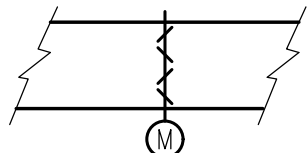
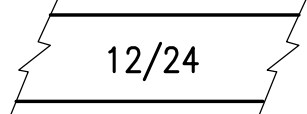

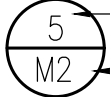

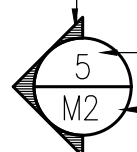
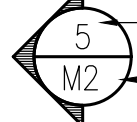


BALER & FIRE STA. 3 & 4 ROOF REPLACEMENTS

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COV Project No.: 20-350-2012
BID DOCUMENTS
December 22, 2020

ROOF DETAILS
A4.02

FAN SCHEDULE

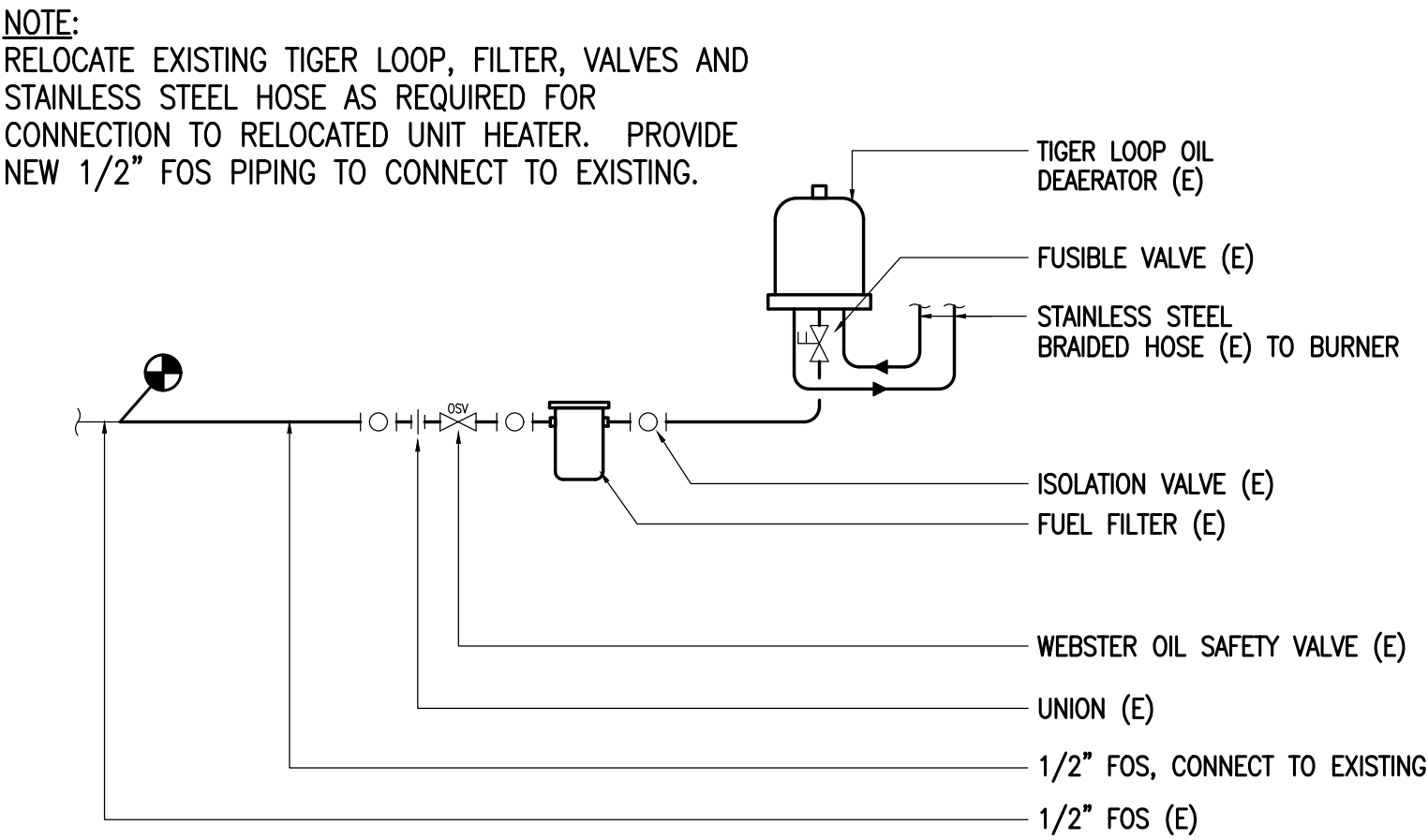
						SP		MOTOR DATA				
SYMBOL	MANUFACTURER	MODEL	TYPE	SERVICE	CFM	IN W.C.	RPM	HP	POWER	DRIVE	FLA	REMARKS
DF-1	TJERNLUND	MODEL I	INLINE	OIL FIRED HEATER DRAFT INDUCER	566	0.147	1725	1/4	120/60/1	DIRECT	5.4	8" VENT PIPE, FAN PROVING SWITCH, UC1 CONTROL BOARD, PRE-PURGE AND POST-PURGE.
DF-2	TJERNLUND	MODEL I	INLINE	OIL FIRED HEATER DRAFT INDUCER	566	0.147	1725	1/4	120/60/1	DIRECT	5.4	8" VENT PIPE, FAN PROVING SWITCH, UC1 CONTROL BOARD, PRE-PURGE AND POST-PURGE.

LEGEND		ABBREVIATIONS	
	DENOTES DEMOLITION	CFM	CUBIC FEET PER MINUTE
	EXHAUST AIR UP & DOWN	DWG	DRAWING
	ROUND DUCT UP & DOWN	E/A	EXHAUST AIR
	MOTORIZED CONTROL DAMPER	DF-X	DRAFT FAN DESIGNATOR
	DUCT SIZE (FIRST FIGURE - SIDE SHOWN) (SECOND FIGURE - SIDE NOT SHOWN)	FLA	FULL LOAD AMPS
	POINT OF CONNECTION	HP	HORSEPOWER
	DETAIL NUMBER	IBC	INTERNATIONAL BUILDING CODE
	SHEET LOCATED ON	IECC	INTERNATIONAL ENERGY CONSERVATION CODE
	DIRECTION OF VIEW	IFC	INTERNATIONAL FIRE CODE
	SECTION NUMBER	IFGC	INTERNATIONAL FUEL GAS CODE
	SHEET LOCATED ON	IMC	INTERNATIONAL MECHANICAL CODE
	SHEET NOTES	IN. WC.	INCHES WATER COLUMN
		MIN	MINIMUM
		RPM	REVOLUTIONS PER MINUTE
		TSP	TOTAL STATIC PRESSURE
		TYP	TYPICAL
		V	VENT

SEQUENCE OF OPERATION

UH:
THERMOSTAT SHALL CYCLE UNIT HEATER FAN AND BURNER TO OPERATE ON/OFF TO MAINTAIN SETPOINT. FS3 AND FS4: CONNECT RELOCATED UNIT HEATER TO EXISTING THERMOSTAT AND VERIFY OPERATION. BALER BLDG: EXISTING THERMOSTAT TO REMAIN, VERIFY OPERATION AFTER DRAFT FAN INSTALLATION.

DF-1,2:
INTERLOCK FAN WITH EXISTING HEATER BURNER CONTROLS. WIRING TO BE IN ACCORDANCE WITH THE MANUFACTURER INSTALLATION INSTRUCTIONS. CONFIGURE TO OPERATE WITH PRE AND POST PURGE OPERATION.



1 FUEL PIPING DETAIL
NO SCALE

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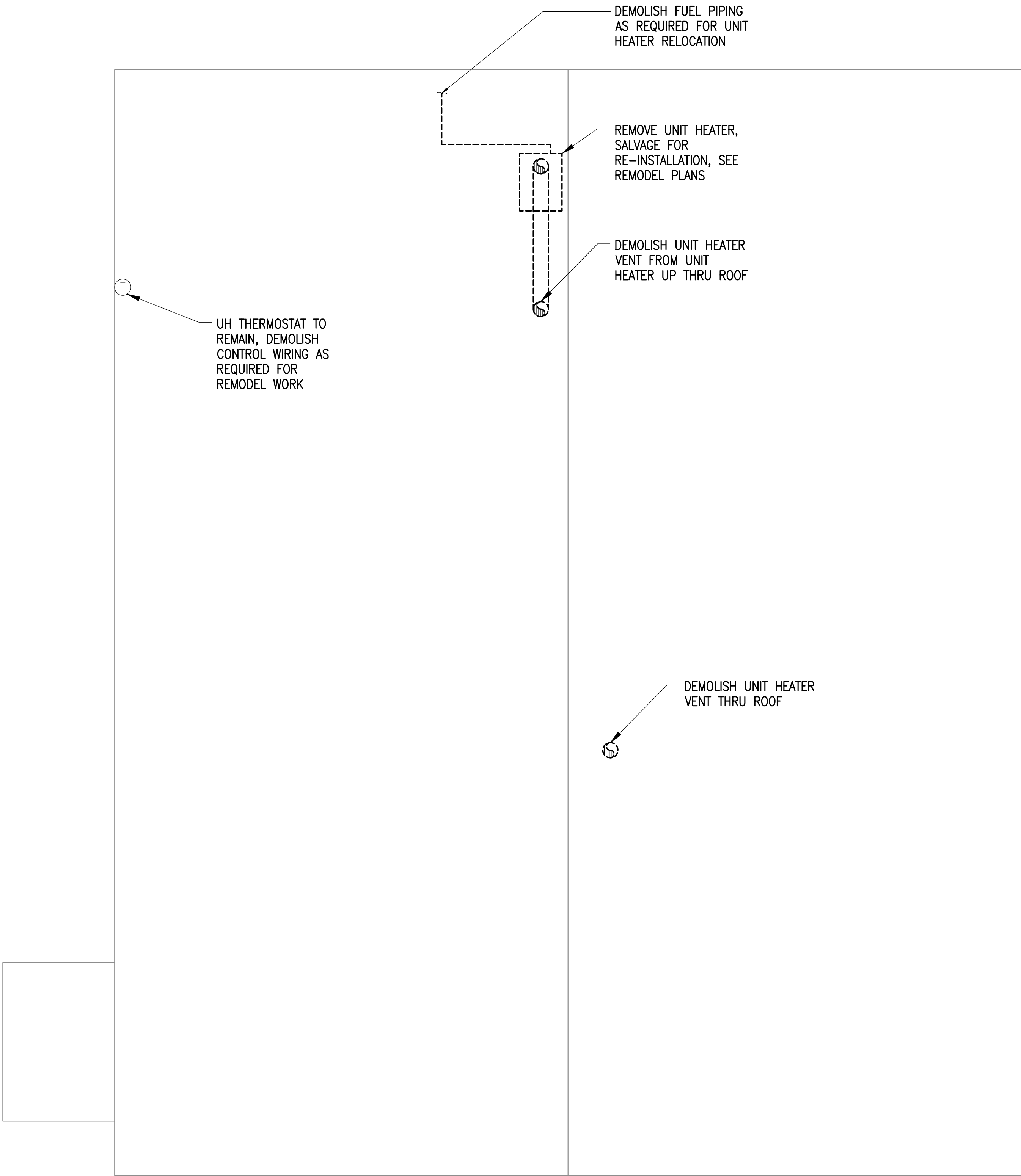
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REPLACEMENTS

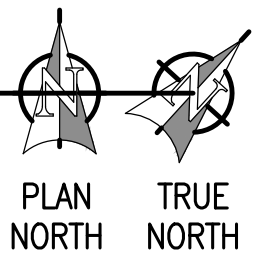
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MECHANICAL
LEGEND &
SCHEDULES
M0.01



1 FIRE STATION 3 MECHANICAL DEMOLITION PLAN
1/4" = 1'-0"



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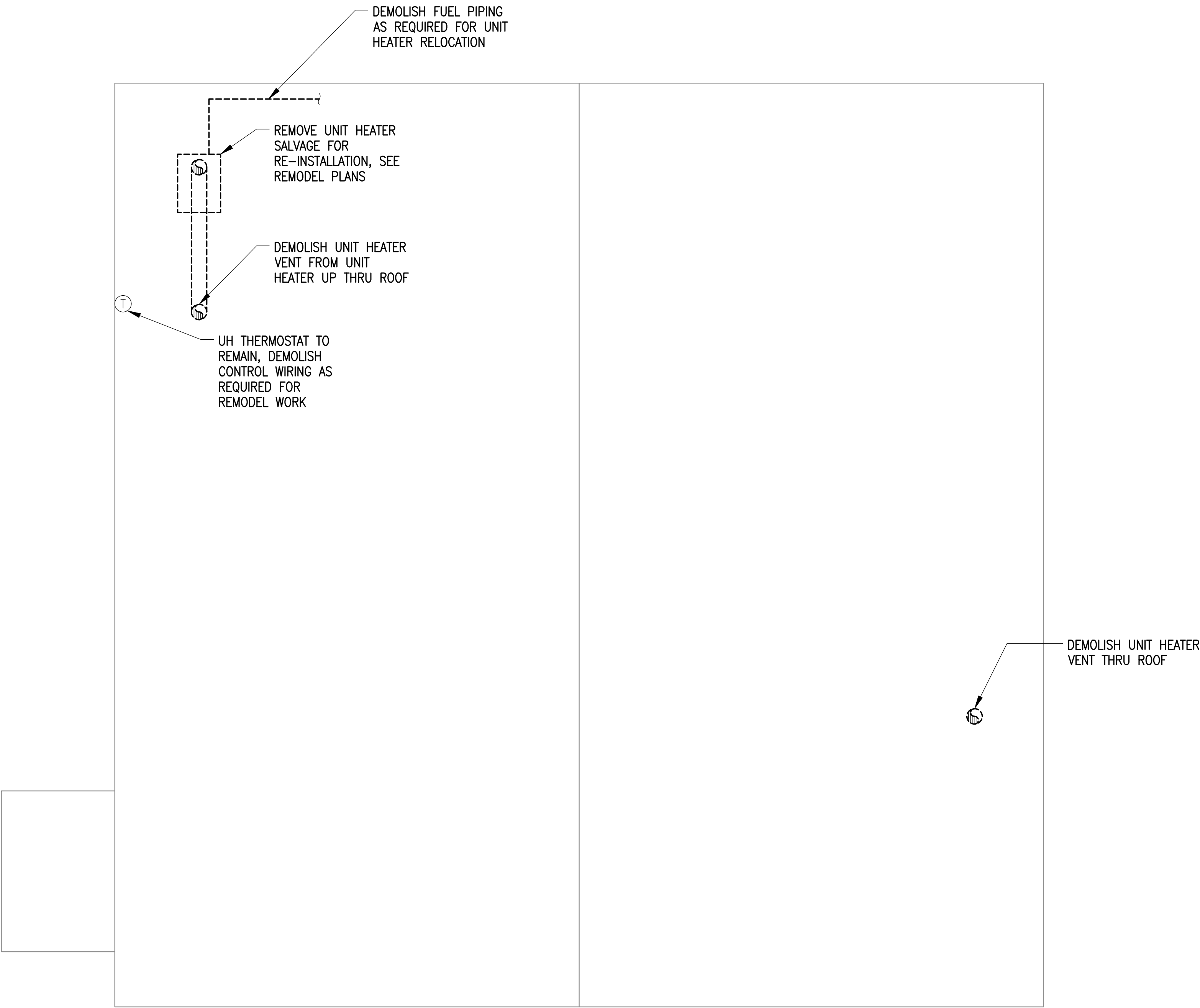
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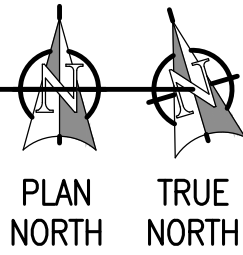
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**FIRE
STATION 3
DEMOLITION
M1.01**



1 FIRE STATION 4 MECHANICAL DEMOLITION PLAN
1/4" = 1'-0"



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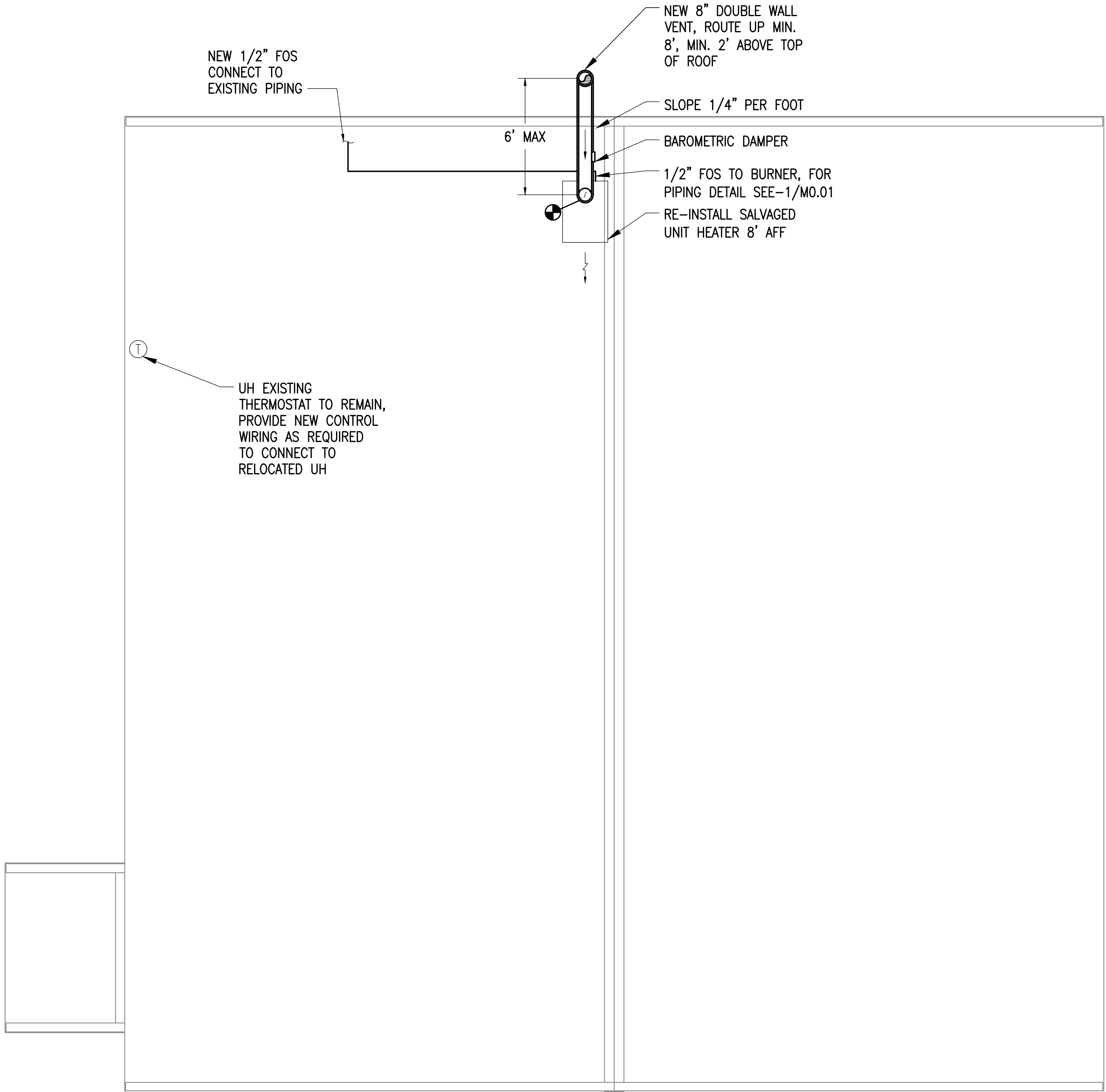
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3 & 4 ROOF
REPLACEMENTS**
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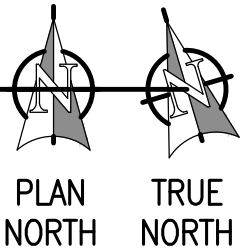
**FIRE
STATION 4
DEMOLITION
M2.01**

GENERAL NOTES:

- A. SINGLE WALL VENTING IS ACCEPTABLE FROM UNIT HEATER TO BAROMETRIC DAMPER, VENTING FROM BAROMETRIC DAMPER THRU SIDEWALL TO TERMINATION SHALL BE DOUBLE WALL.



1 FIRE STATION 4 MECHANICAL REMODEL PLAN
1/4" = 1'-0"



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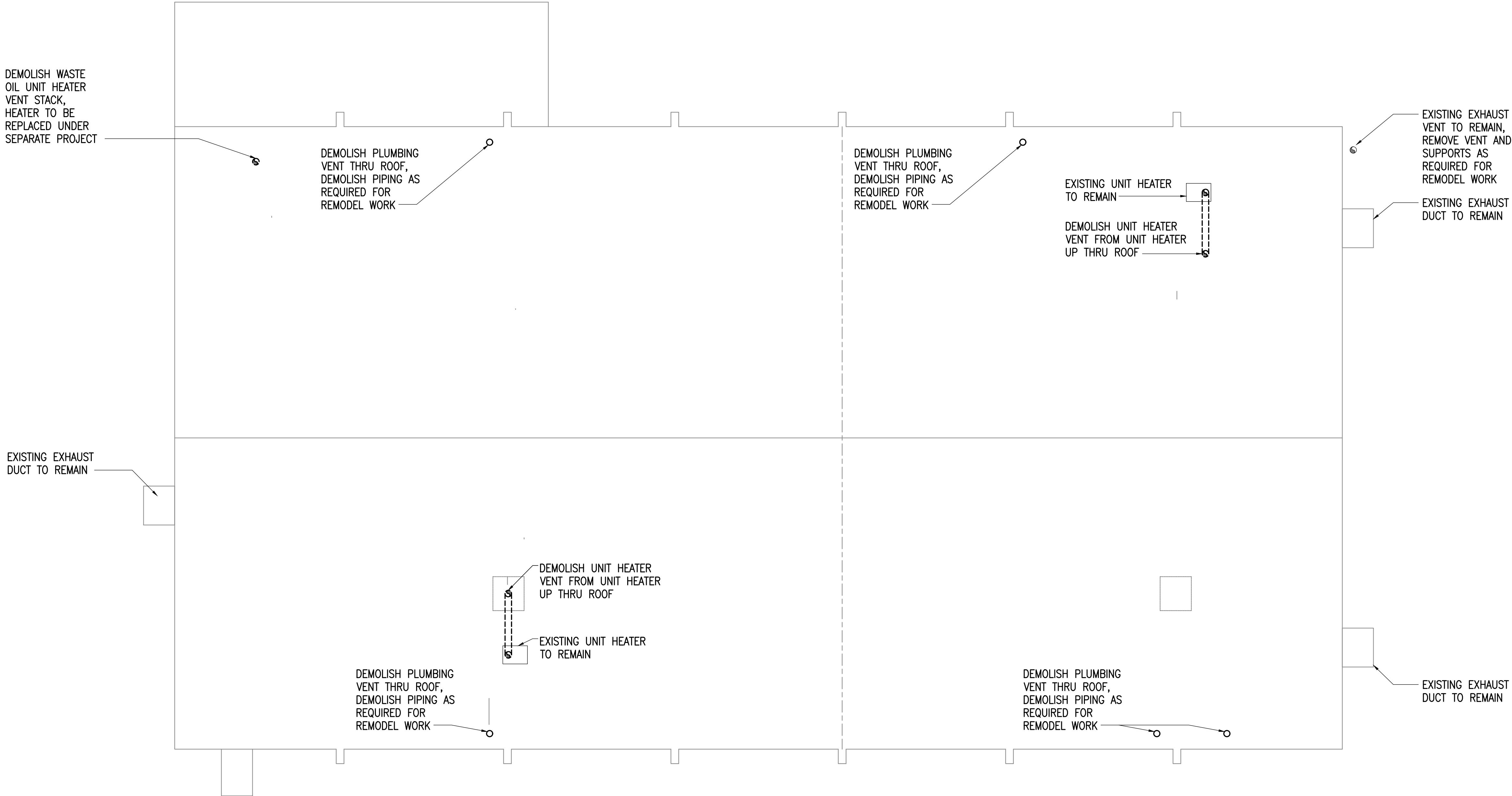
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3 & 4 ROOF
REPLACEMENTS

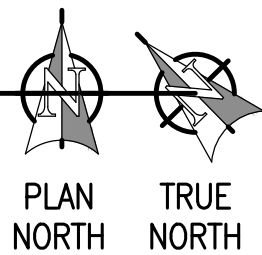
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FIRE
STATION 4
REMODEL
M2.02



1 BALER BUILDING MECHANICAL DEMOLITION PLAN
1/8" = 1'-0"



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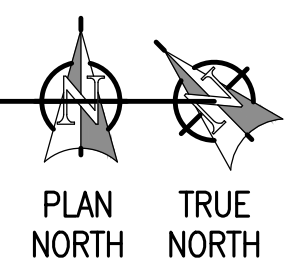
BALER & FIRE STA.
3 & 4 ROOF
REPLACEMENTS
Valdez, AK
RSA Project No.: M0139
COV Project No.: 20-350-2012
BID DOCUMENTS
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BALER
BUILDING
DEMOLITION
M3.01

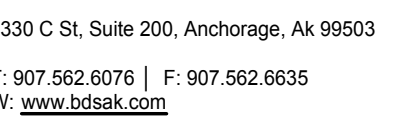
A. SINGLE WALL VENTING IS ACCEPTABLE FROM UNIT HEATER TO DRAFT FAN, VENTING FROM DRAFT FAN UP THRU ROOF SHALL BE DOUBLE WALL.

- 1 3" VENT SIDEWALL AHAP, SLEEVE AND SEAL WALL PENETRATION, PROVIDE TRIM ESCUTCHEON. LOCATION TO BE APPROVED BY COV FIELD REPRESENTATIVE PRIOR TO INSTALLATION.
- 2 NEW 8" DOUBLE WALL VENT, ROUTE UP MIN. 4'-6" ABOVE TOP OF ROOF. COORDINATE WITH NEW SNOW DIVERTER, SEE ARCHITECTURAL.

No	Description	Date
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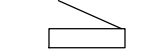




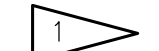
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COV Project No.: 20-350-2012

AD DOCUMENTS
December 22, 2020

BALER BUILDING REMODEL M3.02

LEGEND	
	NUMBER AND SIZE OF WIRES (NO MARKS = 3 #12)
	HOMERUN TO PANEL (PANEL AND CIRCUIT No.)
	EXISTING PANEL
	JUNCTION BOX
	MOTOR (SIZED AS NOTED)
	FRACTIONAL HORSEPOWER MOTOR STARTER
	DUPLEX RECEPTACLE TO BE REMOVED (DASHED OR DOTTED LINES INDICATE ITEMS TO BE REMOVED TYPICAL)
	NOTE TAG (No. INDICATES NOTE)
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
C	CONDUIT
E, (E)	DENOTES EXISTING ITEM
GRSC	GALVANIZED RIGID STEEL CONDUIT
MCB	MAIN CIRCUIT BREAKER
MLO	MAIN LUGS ONLY
NEC	NATIONAL ELECTRICAL CODE
R	DENOTES EXISTING ITEM THAT HAS BEEN RELOCATED
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED



1 FIRE STATION 3 REFERENCE PHOTO
NO SCALE



3 BALER BUILDING REFERENCE PHOTO
NO SCALE



2 FIRE STATION 4 REFERENCE PHOTO
NO SCALE

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3 & 4 ROOF
REPLACEMENTS

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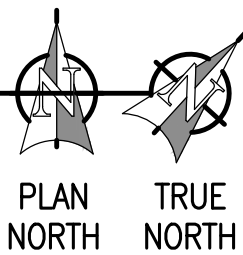
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December 22, 2020

ELECTRICAL
LEGEND AND
PHOTOS
E0.01



1 FIRE STATION 3 ELECTRICAL DEMOLITION PLAN
1/4" = 1'-0"



GENERAL NOTES

- A. THE INFORMATION SHOWN ON THIS DRAWING IS TAKEN FROM AS-BUILT DRAWINGS AND A NON-DESTRUCTIVE WALK THROUGH OF THE FACILITY. THERE IS NO WARRANTY OR GUARANTEE AS TO THE ACCURACY OF THE INFORMATION SHOWN HERE-IN. THE CONTRACTOR SHALL FIELD VERIFY ALL ITEMS SCHEDULED FOR DEMOLITION PRIOR TO START OF WORK.
- B. THE OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL SALVAGEABLE MATERIALS. THE CONTRACTOR SHALL DELIVER SALVAGED MATERIALS TO A WAREHOUSE AS DIRECTED BY THE OWNER. THE CONTRACTOR SHALL DISPOSE OF, OFF SITE, ALL UNWANTED MATERIALS.
- C. DASHED OR DOTTED LINES INDICATE ITEMS TO BE REMOVED. SOLID LINES INDICATE EXISTING ITEMS TO REMAIN.
- D. COORDINATE WITH MECHANICAL FOR LOCATIONS OF EQUIPMENT PRIOR TO BEGINNING WORK.
- E. ALL ANTENNAS SHALL REMAIN OPERATIONAL THROUGHOUT CONSTRUCTION, UNLESS OTHERWISE DIRECTED BY THE OWNER.

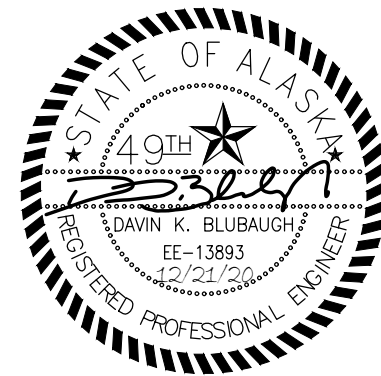
REVISIONS

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December 22, 2020

FIRE
STATION 3
DEMOLITION
E1.01



GENERAL NOTES

A. SEE E1.01 FOR GENERAL NOTES.

REVISIONS

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REPLACEMENTS

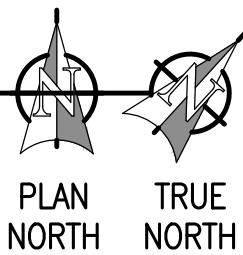
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December 22, 2020

FIRE
STATION 3
REMODEL
E1.02

1 FIRE STATION 3 ELECTRICAL REMODEL PLAN

1/4" = 1'-0"

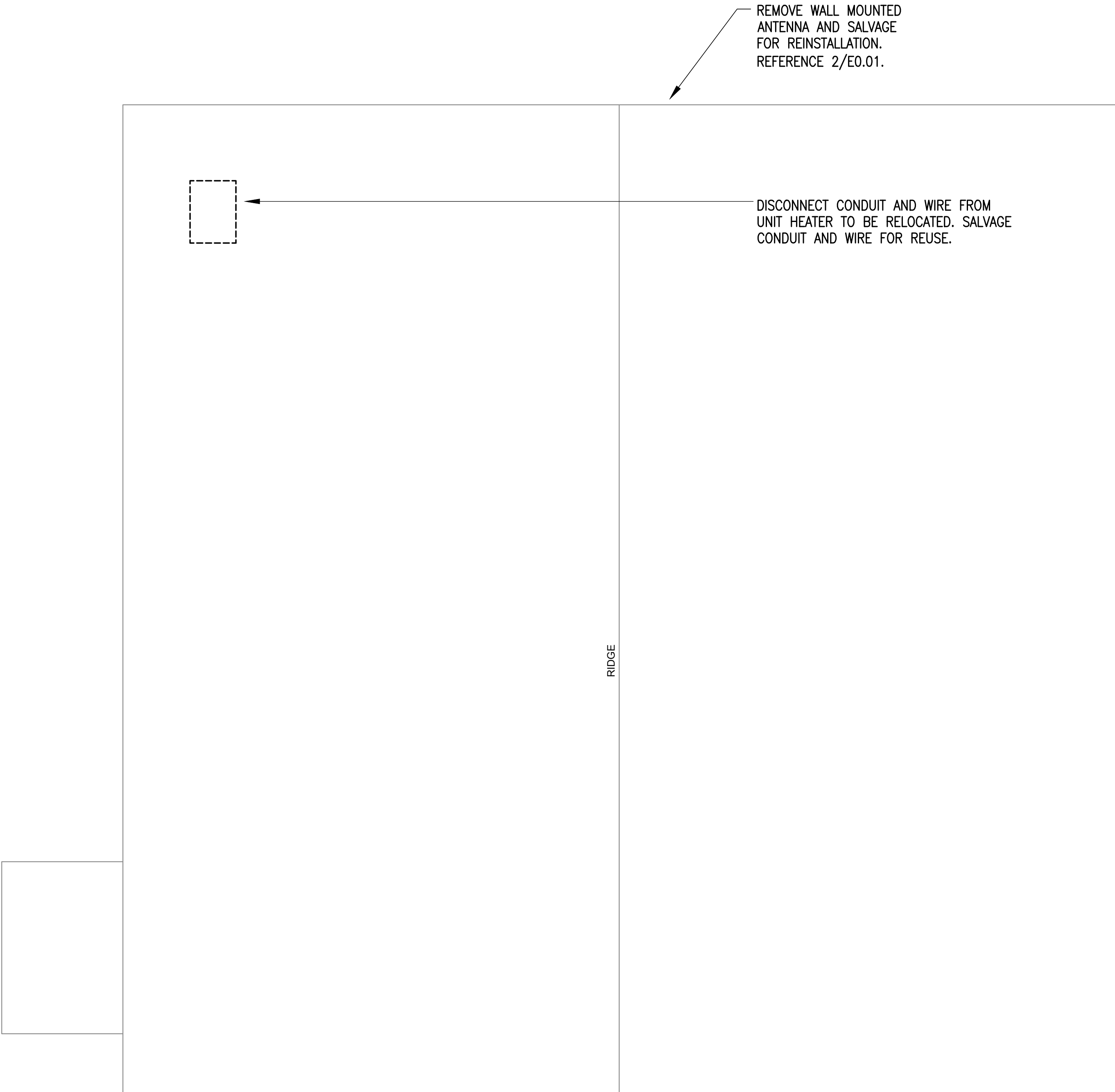


GENERAL NOTES

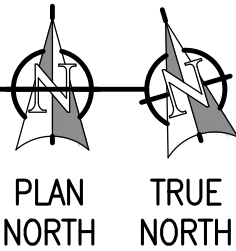
A. SEE E1.01 FOR GENERAL NOTES.

REVISIONS

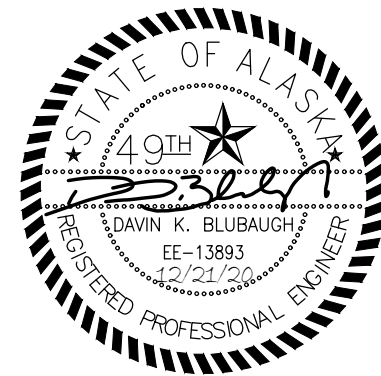
No Description Date



1 FIRE STATION 4 ELECTRICAL DEMOLITION PLAN
1/4" = 1'-0"



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BALER & FIRE STA.
3 & 4 ROOF
REPLACEMENTS
Valdez, AK
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COV Project No.: 20-350-2012

BID DOCUMENTS
December 22, 2020

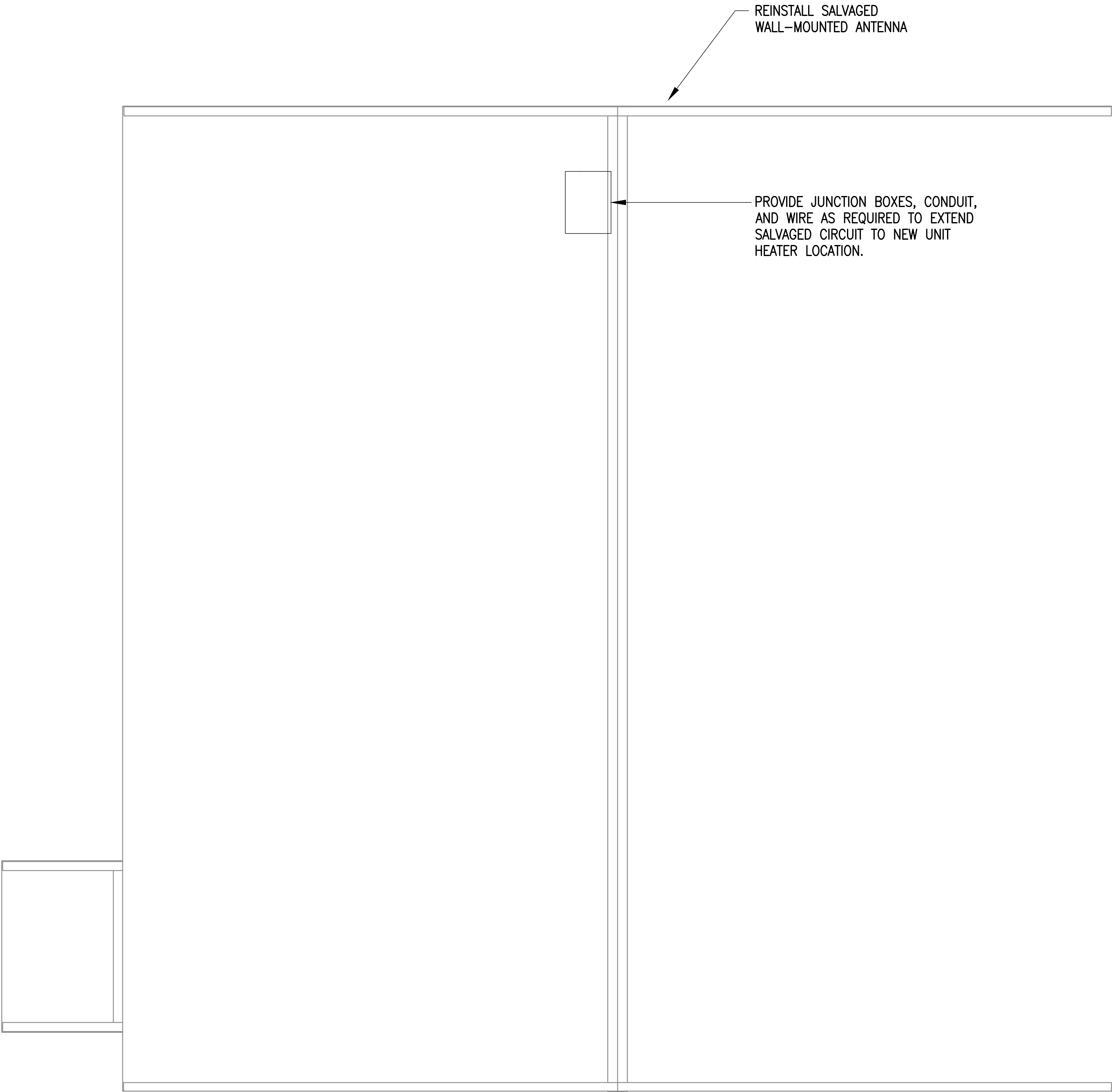
FIRE
STATION 4
DEMOLITION
E2.01

GENERAL NOTES

A. SEE E1.01 FOR GENERAL NOTES.

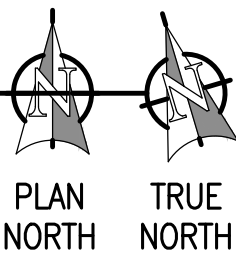
REVISIONS

No Description Date



1 FIRE STATION 4 ELECTRICAL REMODEL PLAN

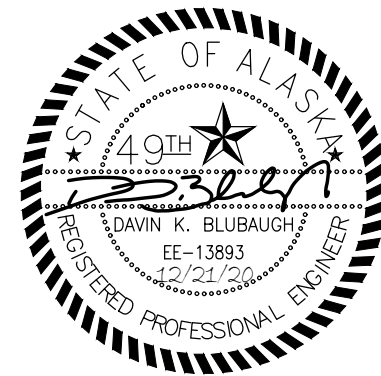
1/4" = 1'-0"



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REPLACEMENTS

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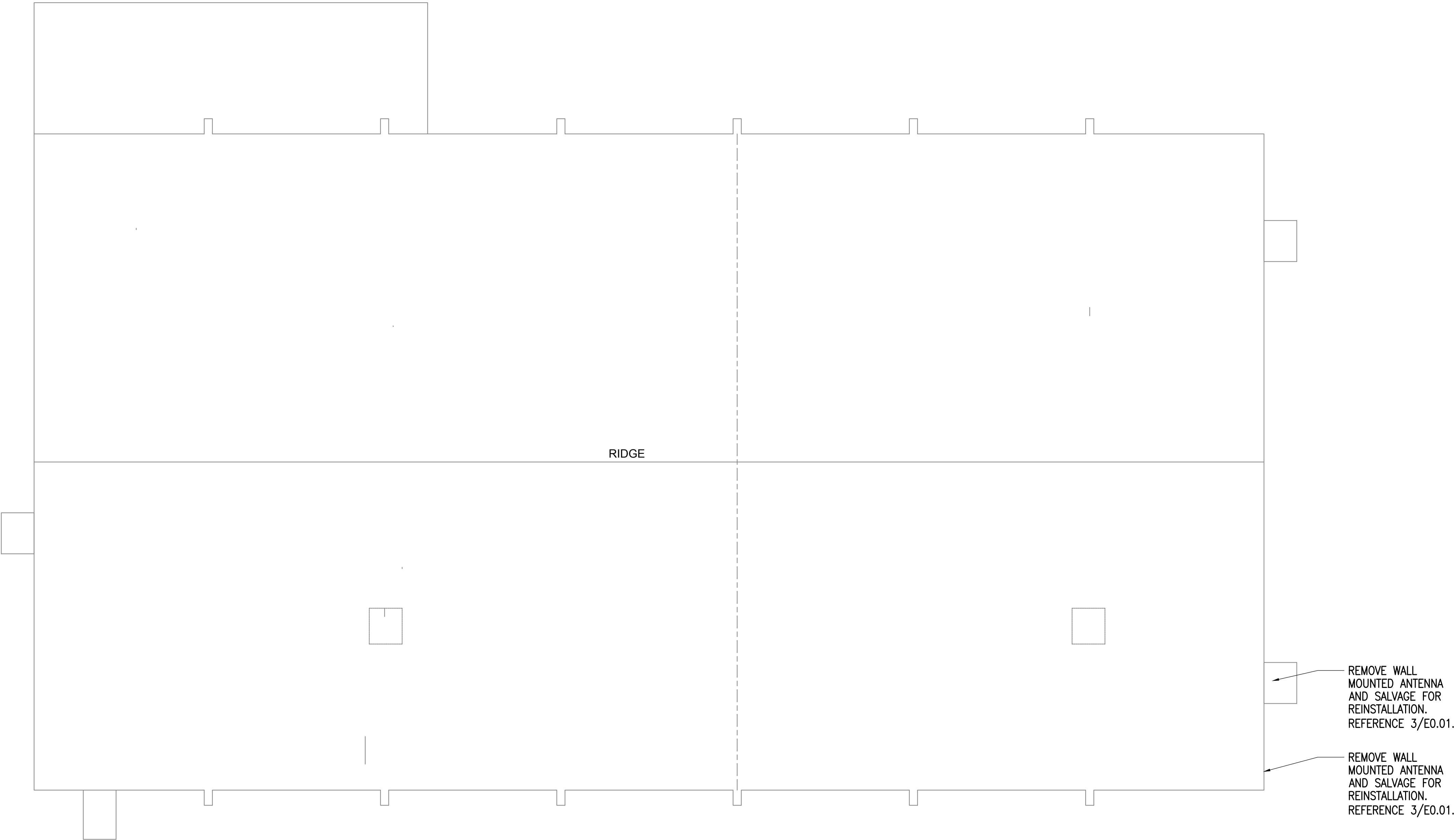
FIRE
STATION 4
REMODEL
E2.02

GENERAL NOTES

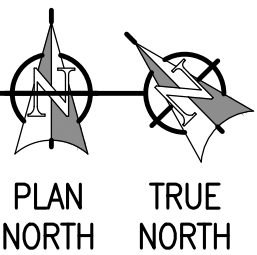
A. SEE E1.01 FOR GENERAL NOTES.

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No Description Date



1 BALER BUILDING ELECTRICAL DEMOLITION PLAN
1/8" = 1'-0"



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BALER
BUILDING
DEMOLITION
E3.01

GENERAL NOTES

A. SEE E1.01 FOR GENERAL NOTES.

SHEET NOTES

1. PROVIDE NEW 15A, 1-POLE BREAKER WITHIN SPACE OF (E) PANEL P3. BREAKER SHALL BE LISTED FOR USE WITHIN EXISTING SQUARE D TYPE NQOD PANELBOARD WITH A 10KAIC RATING.
2. PROVIDE ADDITIONAL RELAY(S), JUNCTION BOXES, CONDUIT, AND WIRE AS REQUIRED TO INTERLOCK THE NEW DRAFT INDUCER FAN OPERATION WITH THE (E) UNIT HEATER BURNER CONTROLS. COORDINATE WITH MECHANICAL FOR SEQUENCE OF OPERATIONS.

LOAD ANALYSIS

(E) SERVICE/MDP IS RATED 400A, 277/480V, 3Ø, 4W

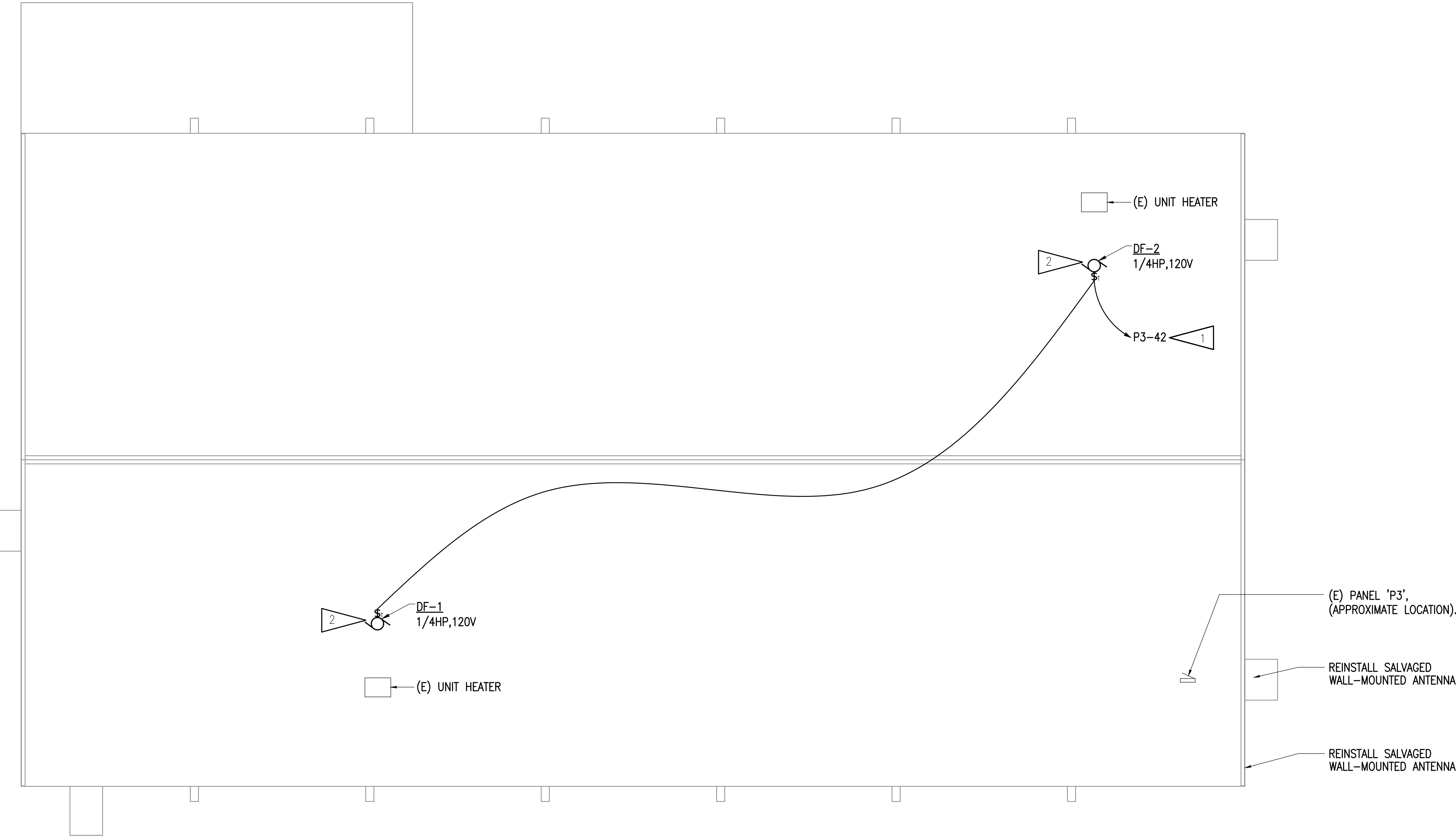
(E) PANEL 'P3' IS RATED 225A, 120/208V, 3Ø, 4W

(E) LOAD (FROM 9/9/2005 DESIGN DRAWINGS):	27,434 VA
NEW ADDED LOADS:	1,392 VA
SUM OF (E) AND NEW LOADS:	28,826 VA
AMPERAGE @ 208V, 3Ø:	80 A

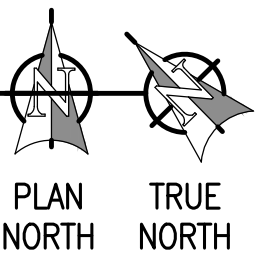
THE MINIMAL ADDED LOADS ACCOUNT FOR LESS THAN 2A AT THE (E) 480V, 3Ø SERVICE/MDP AND (E) PANEL 'P3' IS ADEQUATE FOR THE NEW LOADS AS SHOWN ABOVE.

REVISIONS

No	Description	Date
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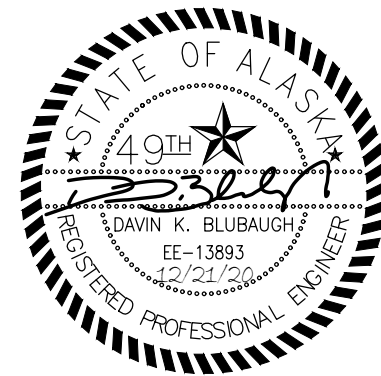
1 BALER BUILDING ELECTRICAL REMODEL PLAN
1/8" = 1'-0"



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BALER & FIRE STA.
3 & 4 ROOF
REPLACEMENTS

Valdez, AK
RSA Project No.: M0139
COV Project No.: 20-350-2012

BID DOCUMENTS
December 22, 2020

BALER
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E3.02