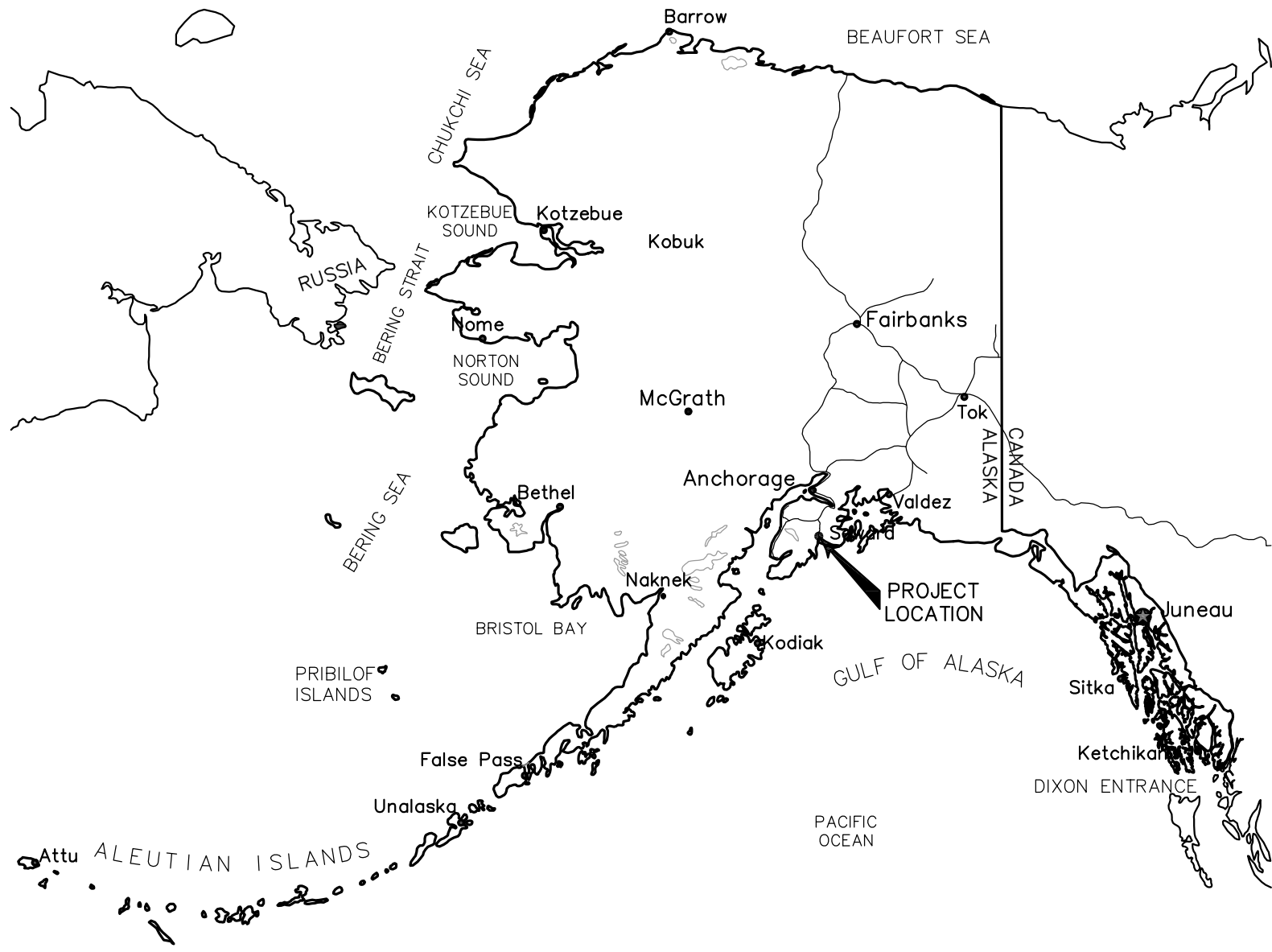


STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

SPRING CREEK CORRECTIONAL CENTER - ROOF REPLACEMENT FOR HOUSES TWO & THREE AND APS BLDG



PROJECT LOCATION MAP



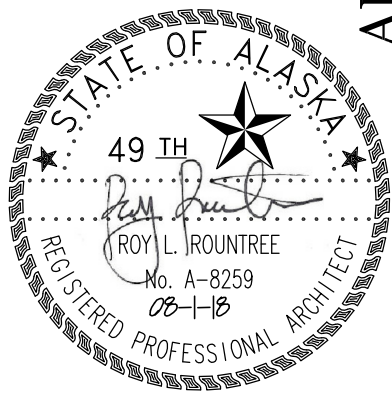
SHEET INDEX

- GENERAL**
G100 COVER SHEET
G101 ABBREVIATIONS, SYMBOLS LEGEND AND CODE ANALYSIS
- ARCHITECTURE**
AD100 PARTIAL ROOF DEMO PLAN - HOUSE THREE
AD101 PARTIAL ROOF DEMO PLAN - APS BUILDING
A100 PARTIAL ROOF NEW PLAN - HOUSE THREE
A101 PARTIAL ROOF NEW PLAN - APS BUILDING
A600 ROOF DETAILS
A601 ROOF DETAILS

100% CONSTRUCTION DOCUMENTS
AUGUST 1, 2018

ARCHITECTURE: STRUCTURAL: N/A MECHANICAL: N/A ELECTRICAL: N/A CIVIL: N/A SURVEY: N/A GEOTECHNICAL: N/A

BETTISWORTH NORTH ARCHITECTS
PHONE: (907) 561-5780
CONTACT: ROY ROUNDTREE
EMAIL: rroundtree@bettisworthnorth.com



ARCHITECT: BETTISWORTH NORTH
2600 DENALI STREET SUITE 710 ANCHORAGE, ALASKA 99503 (907) 561-5780
212 FRONT STREET FAIRBANKS, ALASKA 99701 (907) 456-5780
CORPORATE No. AEC0219 WWW.BETTISWORTHNORTH.COM

**SPRING CREEK CORRECTIONAL
CENTER - ROOF REPLACEMENT**
(DOT&PF PROJ NO. 2501000045)
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
3600 BETTE CATO AVENUE, SEWARD, ALASKA 99664-

100% CONSTRUCTION DOCUMENTS

CONSULTANT:

PROJECT NO:	18-150
DATE:	08/01/2018
DRAWN BY:	JLL
CHECKED BY:	RR

Symbol	Description	Date

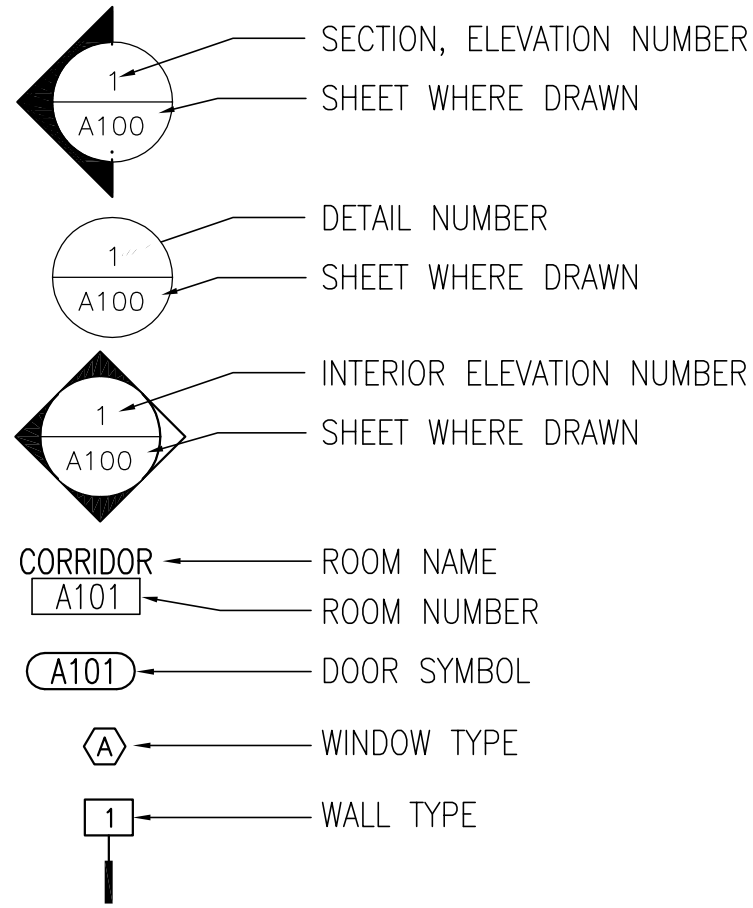
COVER SHEET

G100

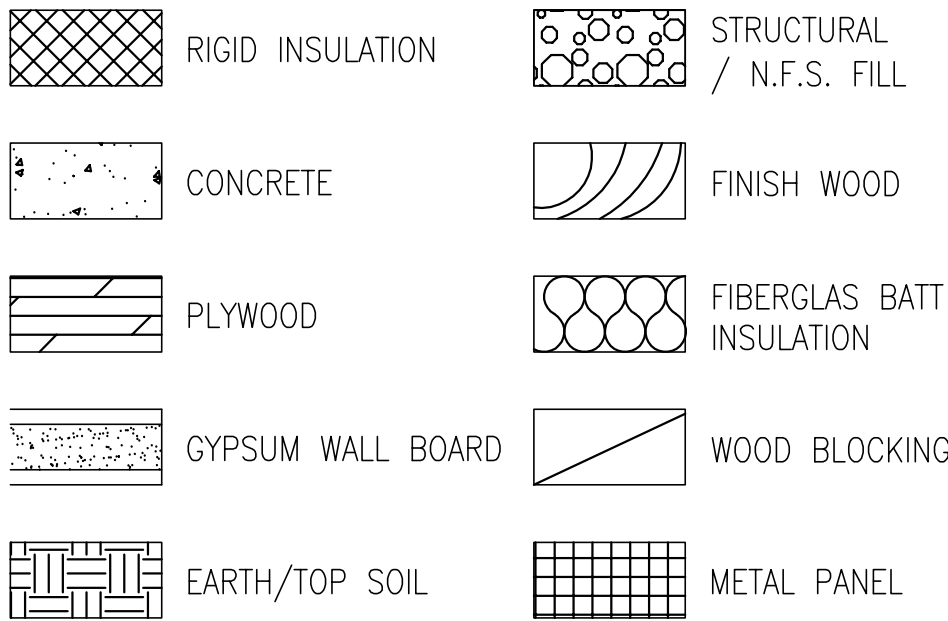
ABBREVIATIONS

ACST	ACOUSTICAL	MDO	MEDIUM DENSITY OVERLAY
ADD ALT	ADDITIVE ALTERNATE	MECH	MECHANICAL
ADJ	ADJUSTABLE	MEMB	MEMBRANE
AFF	ABOVE FINISH FLOOR	MANUF	MANUFACTURER
ALT	ALTERNATE	MIN	MINIMUM
ALUM	ALUMINUM	MIRR	MIRROR
APPROX	APPROXIMATE	MISC	MISCELLANEOUS
ARCH	ARCHITECTURAL	MTL	METAL
ASSEMB	ASSEMBLY	NIC	NOT IN CONTRACT
BD	BOARD	NOM	NOMINAL
BLDG	BLDG	NTS	NOT TO SCALE
BLKG	BLOCKING	OC	ON CENTER
BLDS	BLINDS	OFCl	OWNER FURNISHED/ CONTRACTOR INSTALLED
BOD	BOTTOM OF DECK	OFOI	OWNER FURNISHED & OWNER INSTALLED
BOT	BOTTOM	OH	OVERHEAD DOOR
CG	CORNER GUARD	OPP	OPPOSITE
CJ	CONTROL JOINT	ORD	OVERFLOW ROOF DRAIN
CL	CENTERLINE	ORDRS	OVERFLOW ROOF DRAIN RELIEF SCUPPER
CLG	CEILING	OTS	OPEN TO STRUCTURE
CMU	CONCRETE MASONRY UNIT	PC	PIECE
CONC	CONCRETE	PLAM	PLASTIC LAMINATE
CONST	CONSTRUCTION	PL	PLATE
CONT	CONTINUOUS	PLY	PLYWOOD
COORD	COORDINATION	PR	PAIR
CPT	CARPET	PREP	PREPARATION
CT	CERAMIC TILE	PT	PAINT
CUH	CABINET UNIT HEATER	RA	RETURN AIR
DIA	DIAMETER	RB	RUBBER BASE
DIM	DIMENSION	RD	ROOF DRAIN
DISP	DISPENSER	REF	REFRIGERATOR
DN	DOWN	REFL	REFLECTED
DTL	DETAIL	REINF	REINFORCING
DW	DISH WASHER	REQ	REQUIRED
DWG	DRAWING	REV	REVISED
EA	EACH	RM	ROOM
EL	ELEVATION	RO	ROUGH OPENING
EJ	EXPANSION JOINT	RS	ROOM SIGN
ELEC	ELECTRICAL	RSF	RESILIENT SHEET FLOORING
EQ	EQUAL	SA	SUPPLY AIR
EXPAN	EXPANSION	SACT	SUSPENDED ACOUSTICAL CEILING TILE
EXT.	EXTERIOR	SAM	SELF-ADHERING MEMBRANE
FD	FLOOR DRAIN	SC	SEALED CONCRETE
FDN	FOUNDATION	SECT	SECTION
FE	FIRE EXTINGUISHER	SEP	SEPARATION
FF	FACTORY FINISH	SF	SQUARE FEET
FIN	FINISH	SHT	SHEET
FL	FLASHING	SHTG	SHEATHING
FOC	FACE OF CONCRETE	SIM	SIMILAR
FOF	FACE OF FRAMING	SPEC	SPECIFICATION(S)
FOS	FACE OF STUD	SQ	SQUARE
FP	FIRE-PROOFING	STL	STEEL
FR	FIRE RESISTANT	STRUCT	STRUCTURAL
FRP	FIBERGLASS REINFORCED PANEL	SV	SHEET VINYL
FS	FLOOR SINK	TB	TACK BOARD
FT	FOOT, FEET	TD	TRENCH DRAIN
FTG	FOOTING	THRESH	THRESHOLD
FURR	FURRING	TO	TOP OF
GALV	GALVANIZED	TOS	TOP OF SLAB
GYP	GYPSUM	TRANSL	TRANSLUCENT
HM	HOLLOW METAL	TYP	TYPICAL
HP	HIGH POINT	UNO	UNLESS NOTED OTHERWISE
HORIZ	HORIZONTAL	V	VARNISH
INS	INSULATED	VERT	VERTICAL
JAN	JANITOR	VTR	VENT THROUGH ROOF
LAV	LAVATORY	WD	WOOD
LP	LOW POINT	WM	WALKOFFMAT
MAT	MATERIAL		
MAX	MAXIMUM		
MB	MARKER BOARD		

DRAWING SYMBOLS:



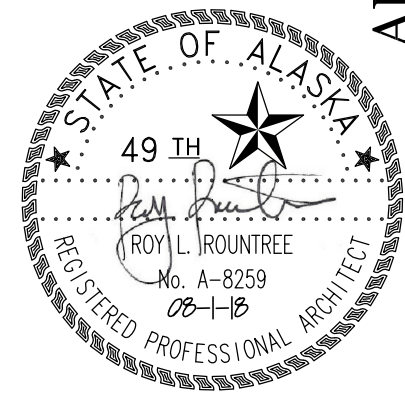
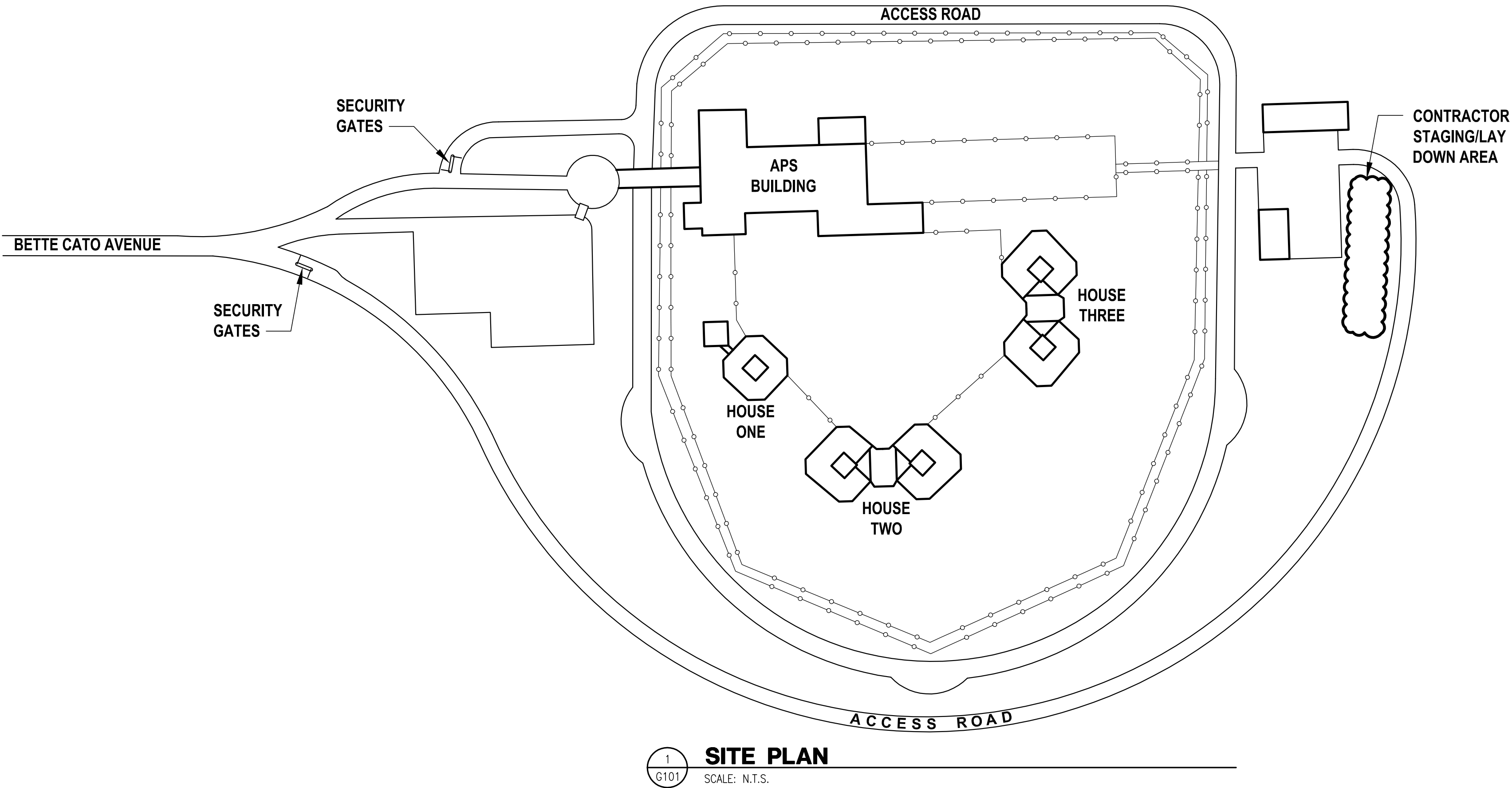
MATERIAL SYMBOLS:



CODE STUDY:

APPLICABLE CODES
2012 INTERNATIONAL BUILDING CODES WITH STATE OF ALASKA AMENDMENTS
2014 NATIONAL ELECTRICAL CODE (NFPA 70)
2015 UNIFORM PLUMBING CODE

OCCUPANCY CLASSIFICATION
INSTITUTIONAL GROUP 1-3, CONDITION 4
TYPE OF CONSTRUCTION: TYPE I-B FULLY SPRINKLERED



SPRING CREEK CORRECTIONAL
CENTER - ROOF REPLACEMENT
(DOT&PF PROJ NO. 2501000045)
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
3600 BETTE CATO AVENUE, SEWARD, ALASKA 99664-

CONSULTANT:

PROJECT NO: 18-150
DATE: 08/01/2018
DRAWN BY: JLL
CHECKED BY: RR

Symbol	Description	Date

ABBREVIATIONS
SYMBOLS LEGEND AND
CODE ANALYSIS
G101

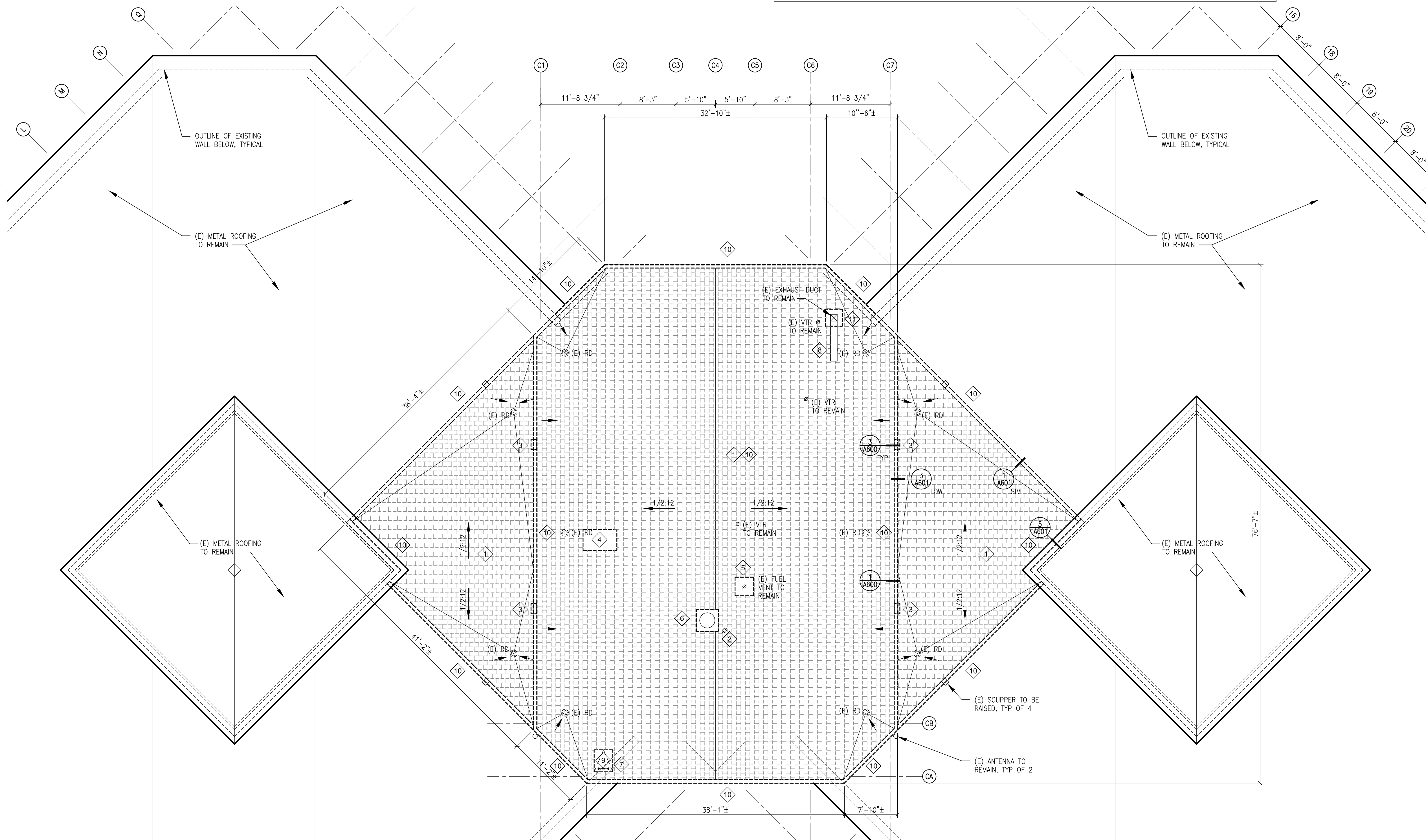
- 1 DEMOLISH LOW SLOPED ROOF ASSEMBLY (IRMA) PER DETAIL 1/A600.
- 2 DEMOLISH ABANDONED FUEL VENT PIPING.
- 3 DEMOLISH SHEET METAL SCUPPER AND PREPARE OPENING FOR INFILL PER DETAIL 4/A600.
- 4 DEMOLISH CAPPED MECHANICAL CURB AND INFILL METAL DECKING
- 5 DEMOLISH MECHANICAL CURB AND ABANDONED FLUE PIPING BELOW, MAINTAIN FUEL VENT DURING ROOF REPLACEMENT.
- 6 DEMOLISH MECHANICAL CURB, MAINTAIN BOILER FLUE STACK DURING ROOF REPLACEMENT.
- 7 EXISTING ROOF ACCESS HATCH AND CURB BASE TO BE REMOVED AND SAVED FOR REINSTALLATION.
- 8 MODIFY STEEL ANGLE DUCT SUPPORT LEGS TO REST ON NEW CURB.

----- ITEMS OR PORTIONS THERE OF TO BE DEMOLISHED

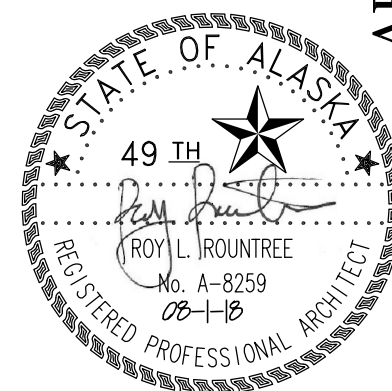
_____ ITEMS TO REMAIN

(E) ROOF DRAINS TO BE DEMOLISHED AND
REPLACED WITH NEW JR SMITH MODEL #2005 OF
SIMILAR SIZE WITH CAST IRON DOME STRAINER

CONCRETE PAVERS AND ROOF ASSEMBLY TO BE
DEMOLISHED



PARTIAL ROOF DEMO PLAN - HOUSE THREE



**SPRING CREEK CORRECTIONAL
CENTER - ROOF REPLACEMENT**
(DOT&PF PROJ NO. 2501000045)
DEPARTMENT OF TRANSPORTATION AND PUBLIC FAC
36600 BETTE CATO AVENUE, SEWARD, ALASKA 99664-

CONSULTANT:

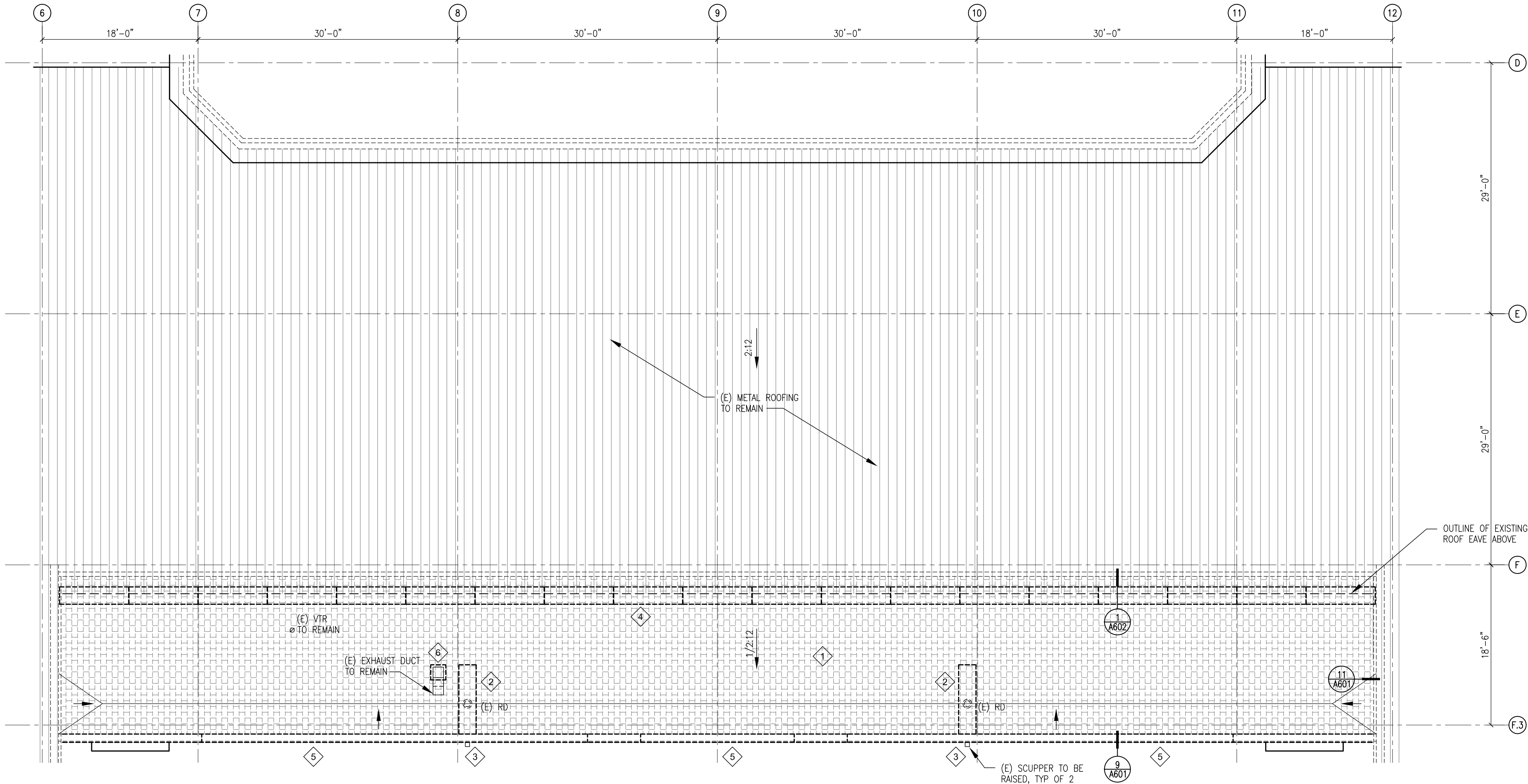
PROJECT NO:	18-150
DATE:	08/01/2018
DRAWN BY:	JLL
CHECKED BY:	RR

Symbol	Description	Date

PARTIAL ROOF DEMO
PLAN - HOUSE THREE

AD100

ARCHITECT: BETTISWORTH NORTH
26000 DENALI STREET SUITE 710 ANCHORAGE, ALASKA 99503 {907} 561-5780
212 FRONT STREET FAIRBANKS, ALASKA 99701 {907} 456-5780
CORPORATE No. AECC239 WWW.BETTISWORTHNORTH.COM



DEMOLITION PLAN NOTES:

- 1 DEMOLISH LOW SLOPED ROOF ASSEMBLY (IRMA) PER DETAIL 1/A600, SIMILAR.
- 2 DEMOLISH SHEET METAL PROTECTION PANELS AND ROOF DRAINS.
- 3 DEMOLISH SHEET METAL SCUPPER AND PREPARE OPENING FOR INFILL PER DETAIL 2/A601.
- 4 DEMOLISH 16 GA STEEL METAL ROOF PROTECTION PANELS, TYPICAL OF 20.
- 5 DEMOLISH ALL EXISTING PARAPET COPING FLASHING WHERE NEW WORK OCCURS.
- 6 DEMOLISH EXISTING CURB AT MECHANICAL DUCT

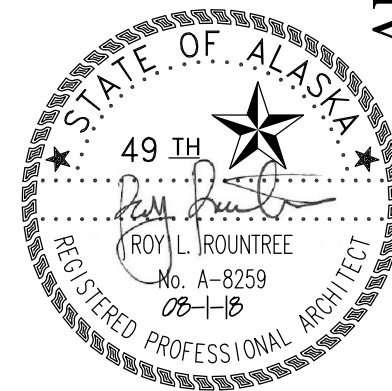
GENERAL DEMOLITION LEGEND:

- ITEMS OR PORTIONS THERE OF TO BE DEMOLISHED
- _____ ITEMS TO REMAIN
- (E) ROOF DRAINS TO BE DEMOLISHED AND REPLACED WITH NEW JR. SMITH MODEL #2005 OF SIMILAR SIZE WITH CAST IRON DOME STRAINER
- CONCRETE PAVERS AND ROOF ASSEMBLY TO BE DEMOLISHED

1
AD101

PARTIAL ROOF DEMO PLAN - APS BUILDING

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



**SPRING CREEK CORRECTIONAL
CENTER - ROOF REPLACEMENT**

(DOT&PF PROJ NO. 2501000045)

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

3600 BETTE CATO AVENUE, SEWARD, ALASKA 99664-

100% CONSTRUCTION DOCUMENTS

ARCHITECT: BETTISWORTH NORTH

2600 DENALI STREET SUITE 710 ANCHORAGE ALASKA 99503 (907) 561-5780
212 FRONT STREET FAIRBANKS, ALASKA 99701 (907) 456-5780
CORPORATE No. AECC219 WWW.BETTISWORTHNORTH.COM

CONSULTANT:

PROJECT NO: 18-150
DATE: 08/01/2018
DRAWN BY: JLL
CHECKED BY: RR

Symbol	Description	Date

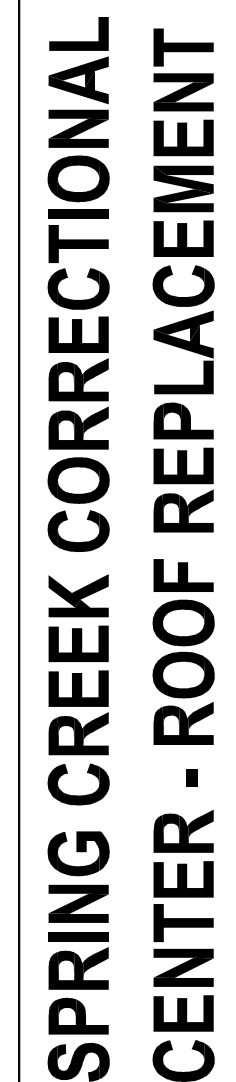
PARTIAL ROOF DEMO
PLAN - APS BUILDING

AD101

- ① REINSTALL EXISTING ROOF ACCESS HATCH WITH HINGE SIDE TOWARD PARAPET.
- ② REINSTALL MODIFIED ROOF ACCESS LADDER TO OPPOSITE SIDE OF ROOF OPENING AS REQUIRED FOR WORK ASSOCIATED TO ROOF HATCH. REFER TO DETAIL 8/A601.
- ③ PROVIDE 40" LONG GUARDRAIL SECTIONS AS SHOWN ON PLANS AT ROOF HATCH LOCATION TO A HEIGHT OF 42" ABOVE ROOF SURFACE. ATTACH GUARDRAILS TO BACK/ROOF SIDE OF PARAPET. PROVIDE BRACKETS AS REQUIRED.

	AREAS OF FLAT BOARD INSULATION, AS METAL ROOF DECKING IS SLOPED.
	TAPERED INSULATION AT CRICKETS WITH A 1/4":12 SLOPE TO DRAINS, TYPICAL

1. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS.
2. CONTRACTOR TO NOTIFY THE OWNER & ARCHITECT OF ANY DISCREPANCIES TO AS-BUILT CONDITIONS.
3. CONSTRUCTION IS TO BE IN COMPLIANCE WITH ALL LOCAL AND FEDERAL BUILDING REQUIREMENTS.



(DOT&PF PROJ NO. 2501000045)

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

3600 BETTE CATO AVENUE, SEWARD, ALASKA 99664-

100% CONSTRUCTION DOCUMENTS

ARCHITECT: BETTISWORTH NORTH

2600 DENALI STREET SUITE 710 ANCHORAGE, ALASKA 99503 {907} 561-5780
212 FRONT STREET FAIRBANKS, ALASKA 99701 {907} 456-5780
CORPORATE No. AECC219 WWW.BETTISWORTHNORTH.COM

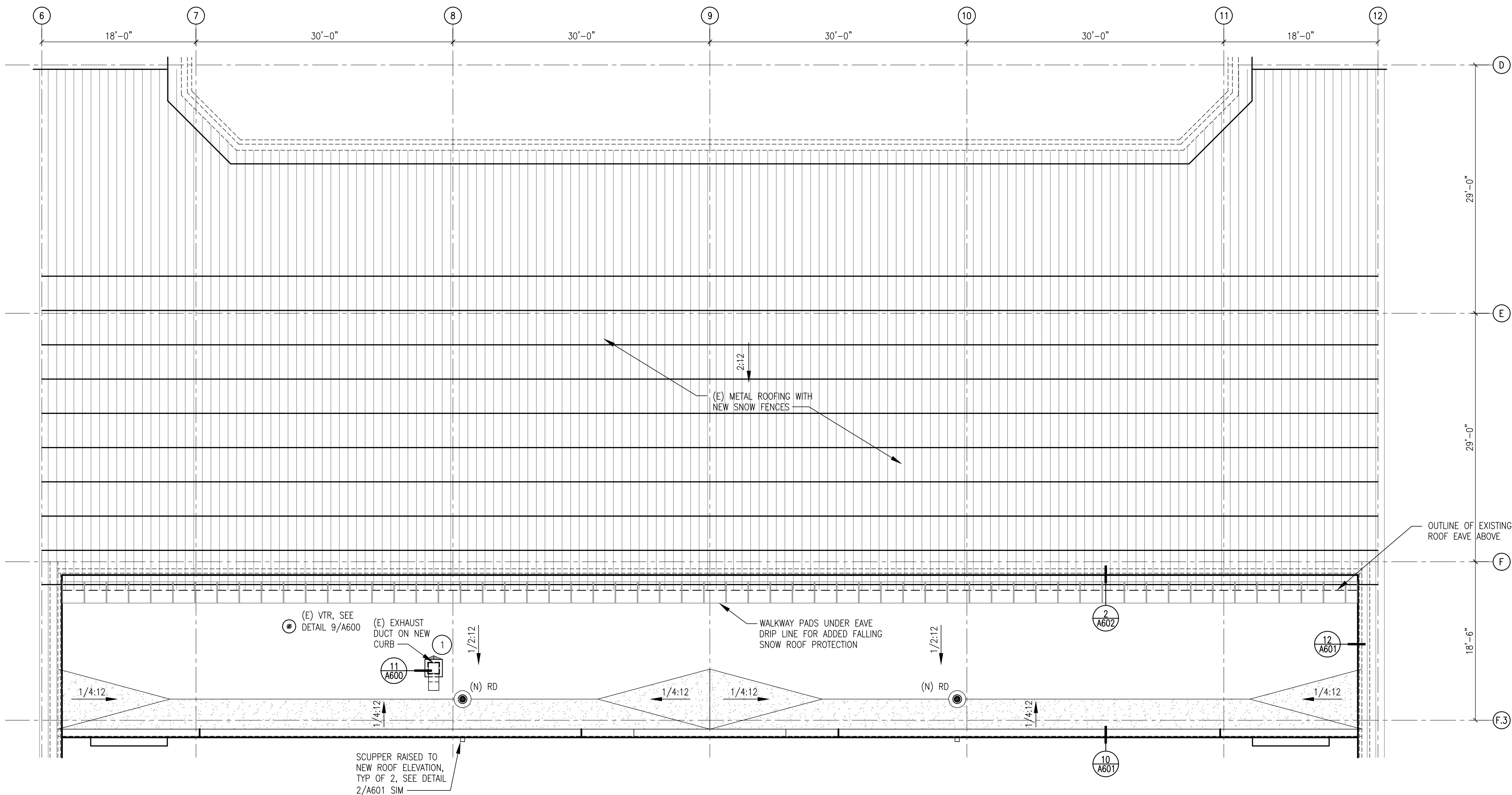
CONSULTANT:

PROJECT NO:	18-150
DATE:	08/01/2018
DRAWN BY:	JLL
CHECKED BY:	RR

Symbol	Description	Date

**PARTIAL NEW ROOF
PLAN - HOUSE TWO**

A100



RENOVATION PLAN NOTES:

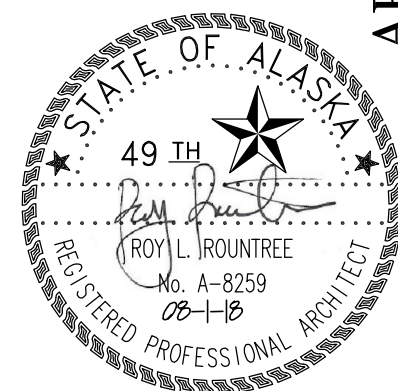
- 1 REINSTALL EXISTING SHEET METAL "GOOSE-NECK" ON NEW ROOF CURB THAT HAS BEEN REMOVED.

GENERAL CONSTRUCTION LEGEND:

- AREAS OF FLAT BOARD INSULATION, AS METAL ROOF DECKING IS SLOPED.
- TAPERED INSULATION AT CRICKETS WITH A 1/4":12 SLOPE TO DRAINS, TYPICAL

GENERAL CONSTRUCTION NOTES:

1. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS.
2. CONTRACTOR TO NOTIFY THE OWNER & ARCHITECT OF ANY DISCREPANCIES TO AS-BUILT CONDITIONS.
3. CONSTRUCTION IS TO BE IN COMPLIANCE WITH ALL LOCAL AND FEDERAL BUILDING REQUIREMENTS.



SPRING CREEK CORRECTIONAL
CENTER - ROOF REPLACEMENT

(DOT&PF PROJ NO. 2501000045)

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

3600 BETTE CATO AVENUE, SEWARD, ALASKA 99664-

100% CONSTRUCTION DOCUMENTS

ARCHITECT: BETTISWORTH NORTH

2600 DENALI STREET SUITE 710 ANCHORAGE, ALASKA 99503 (907) 561-5780
212 FRONT STREET FAIRBANKS, ALASKA 99701 (907) 456-5780
CORPORATE No. AECC219 WWW.BETTISWORTHNORTH.COM

CONSULTANT:

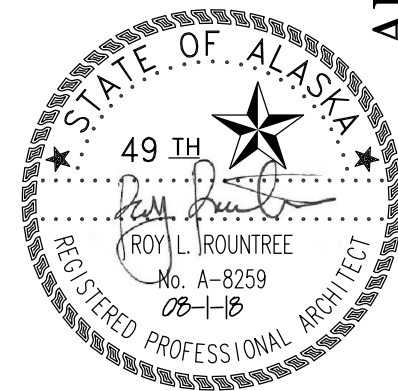
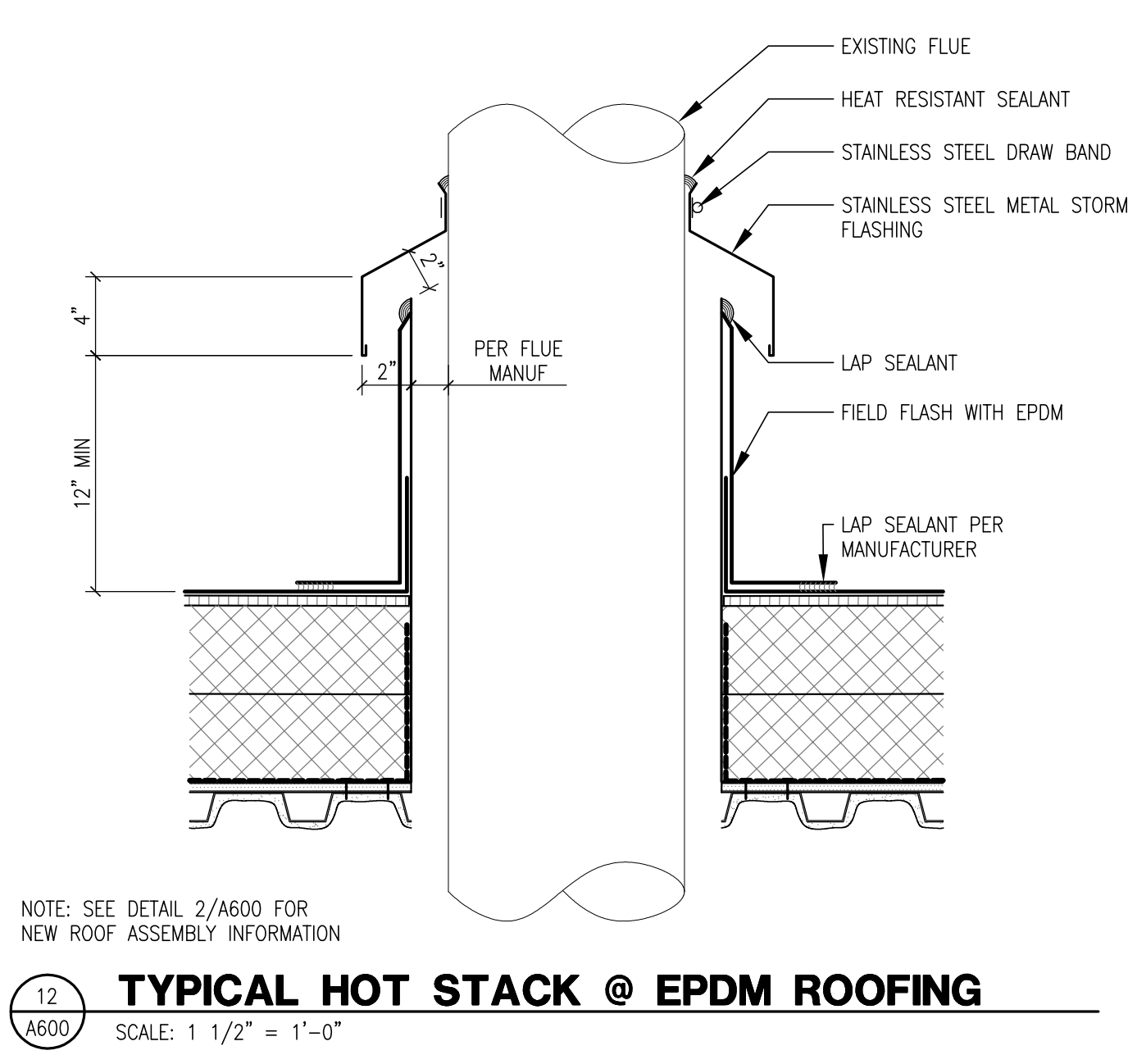
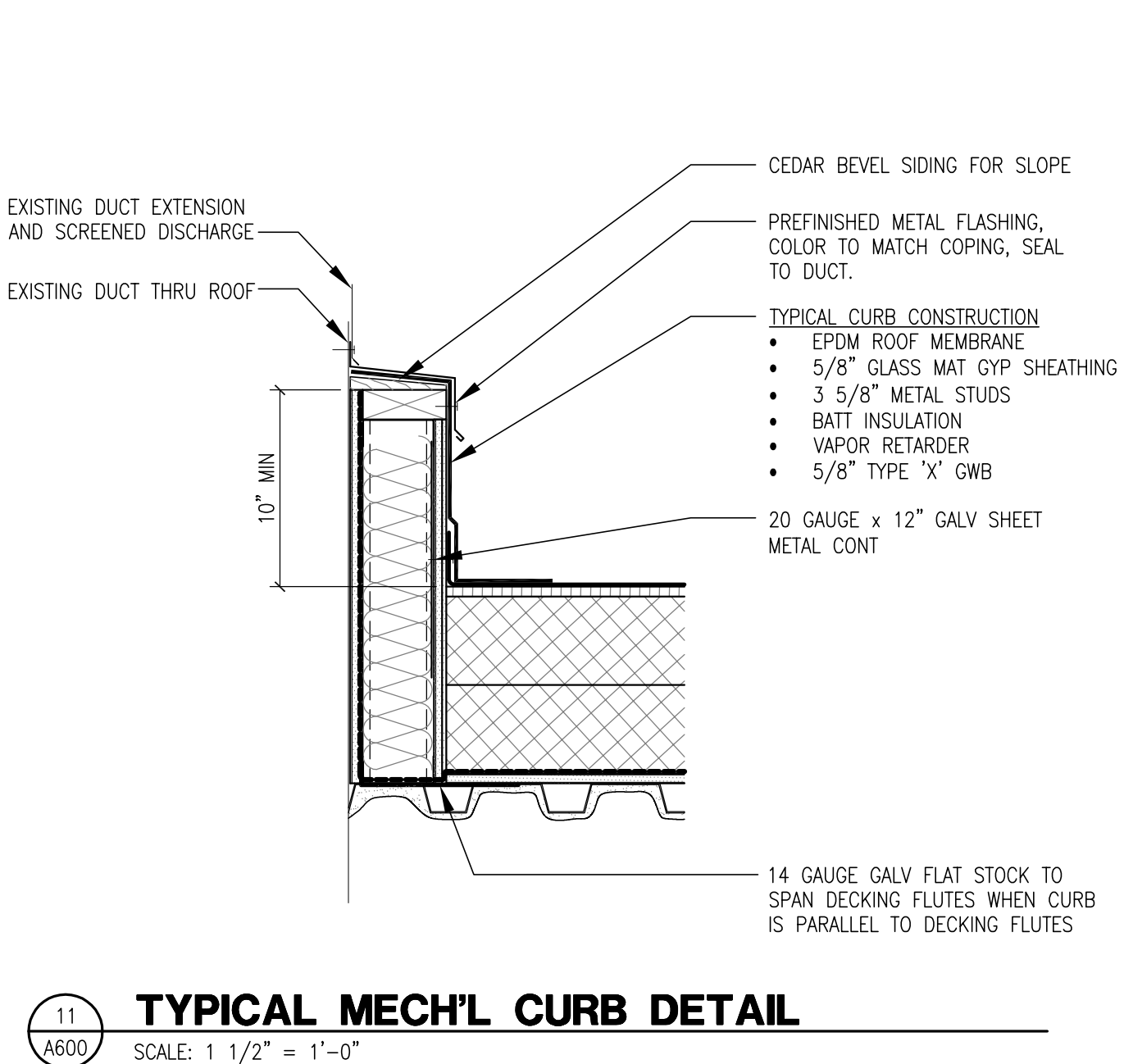
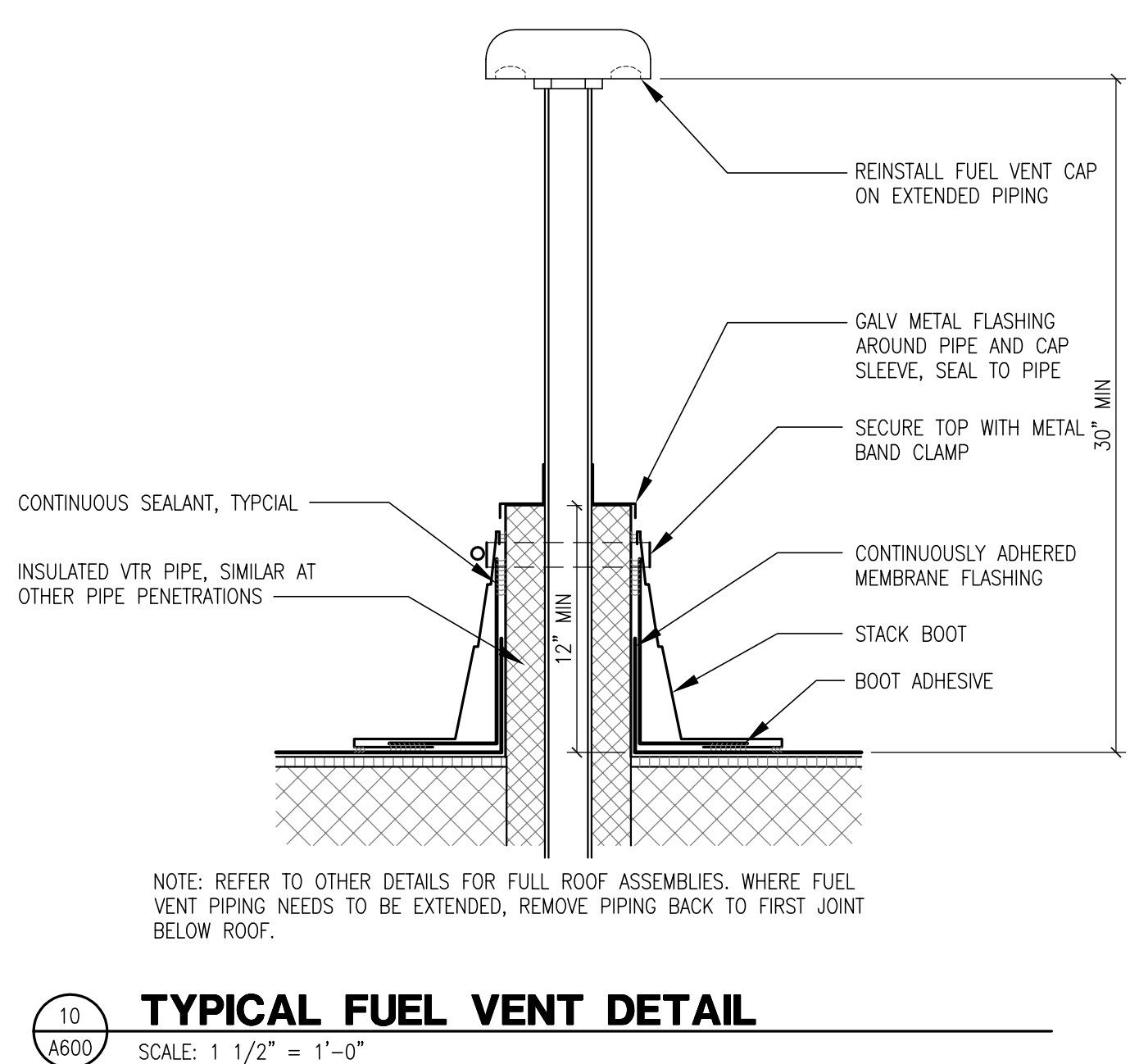
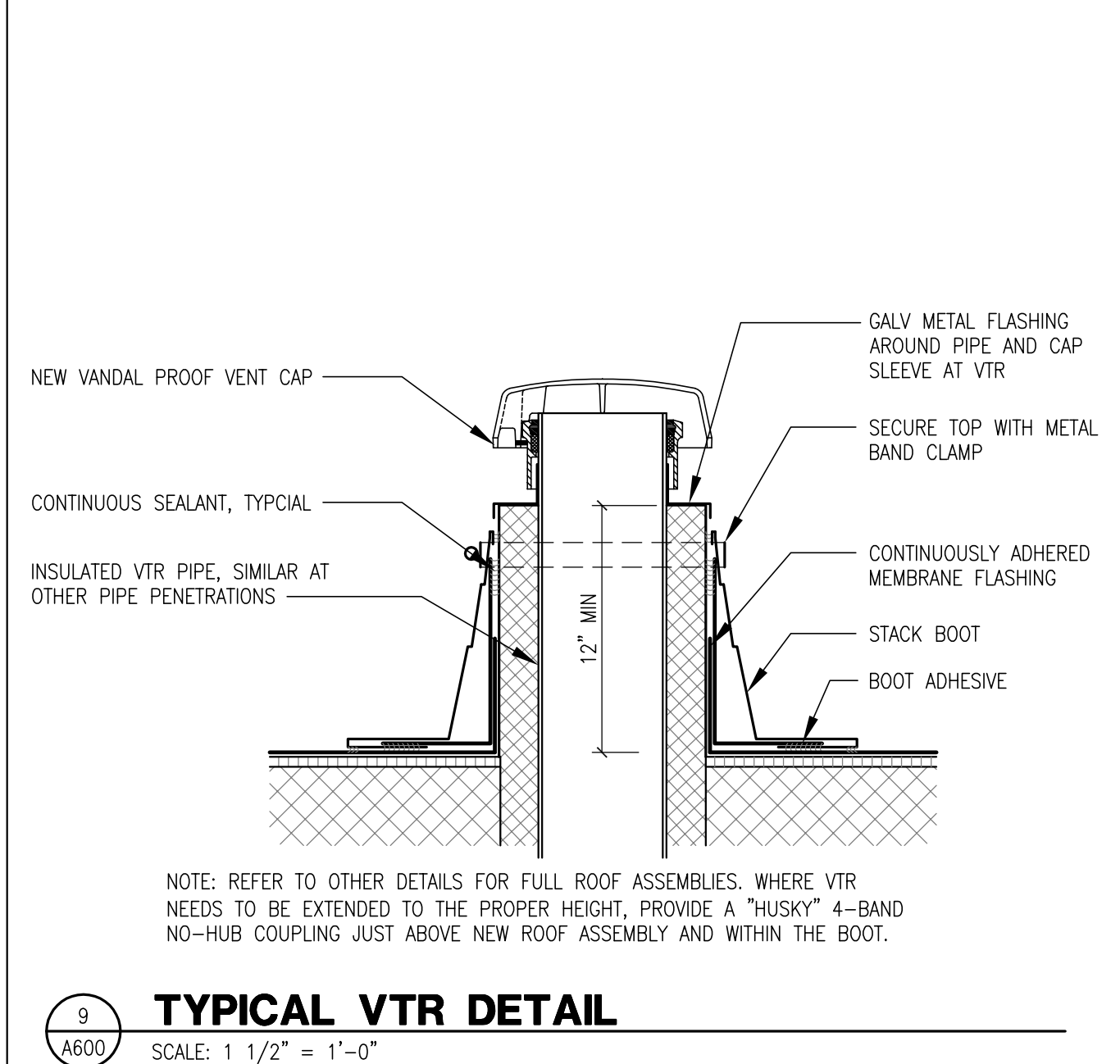
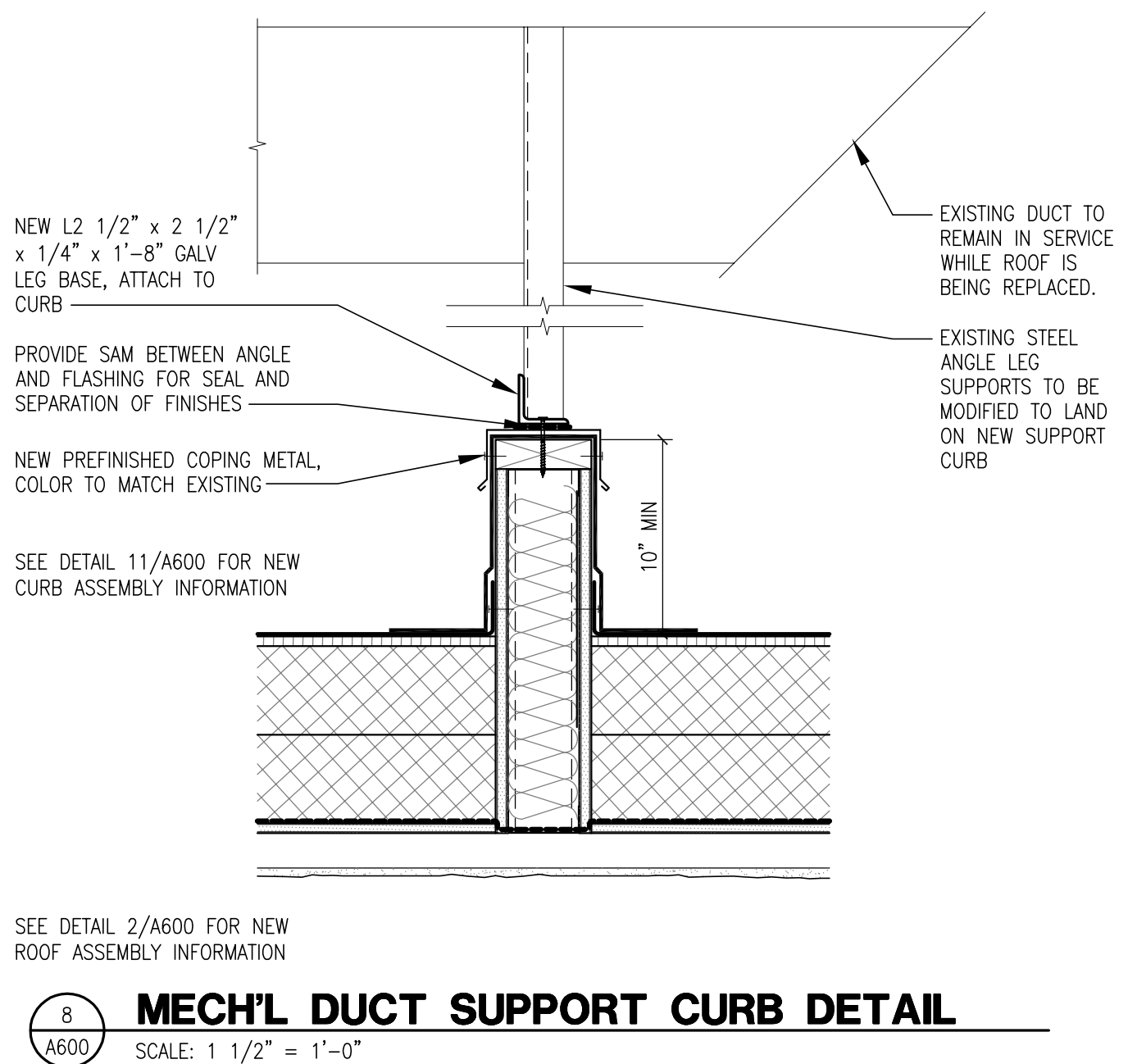
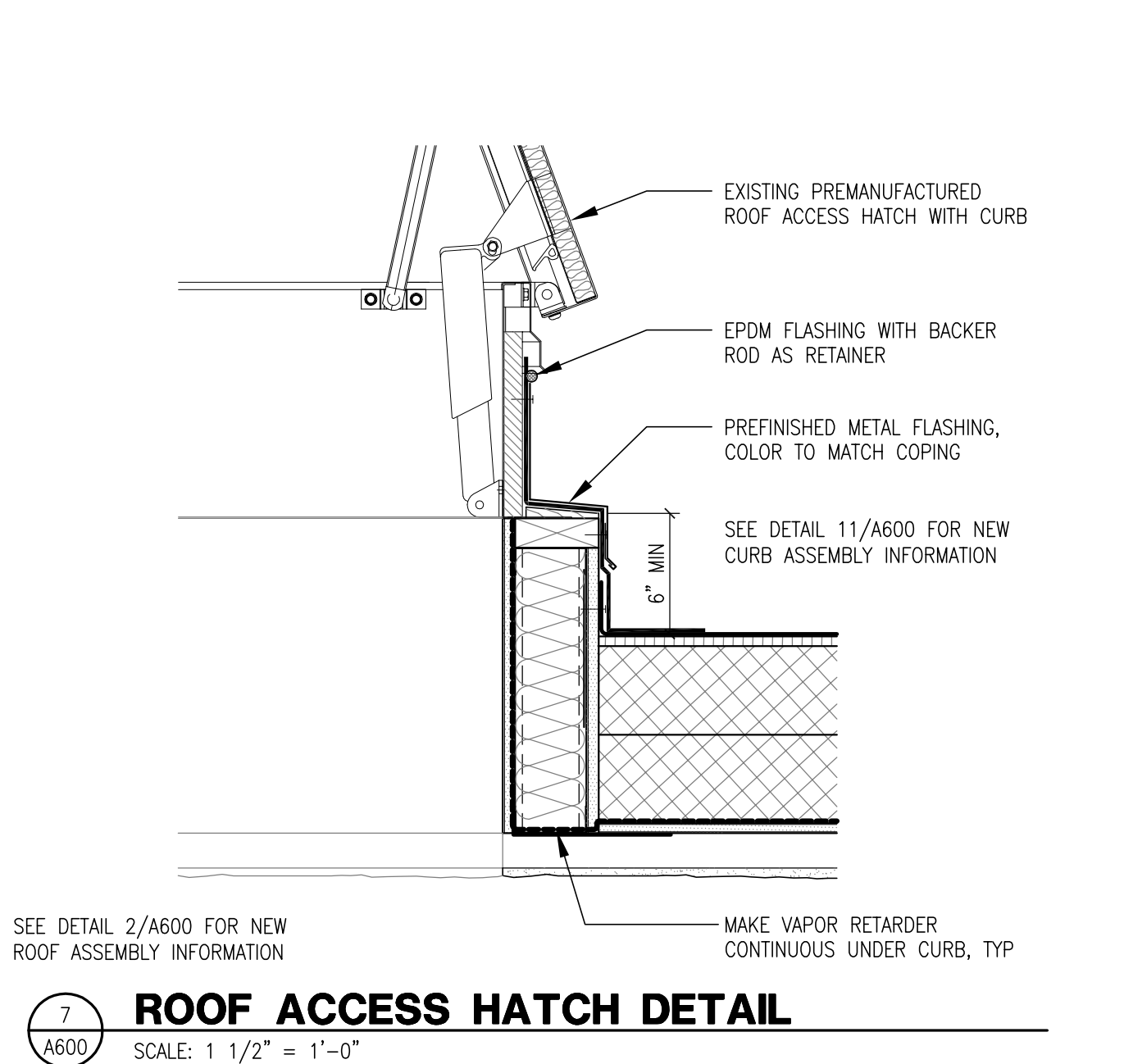
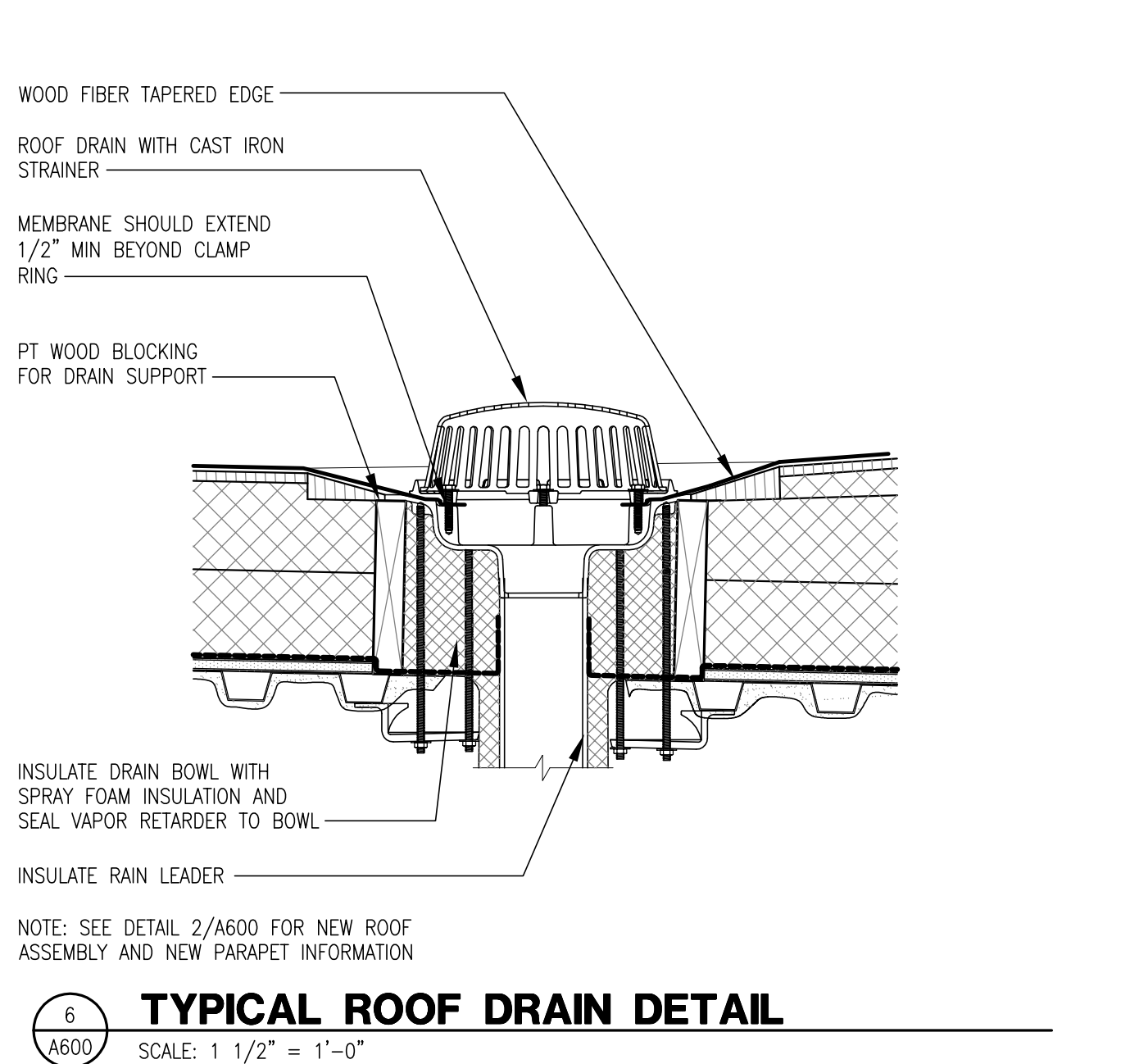
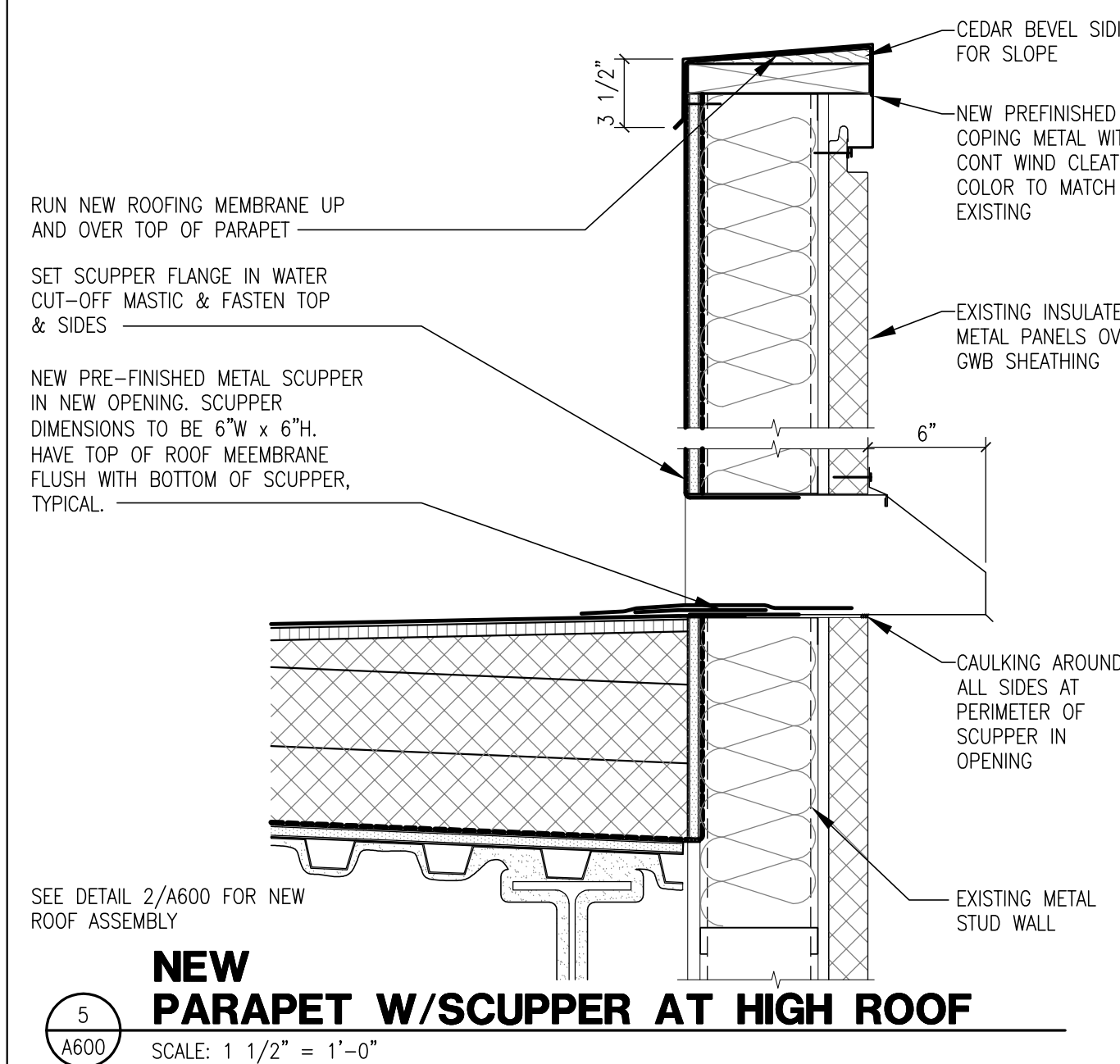
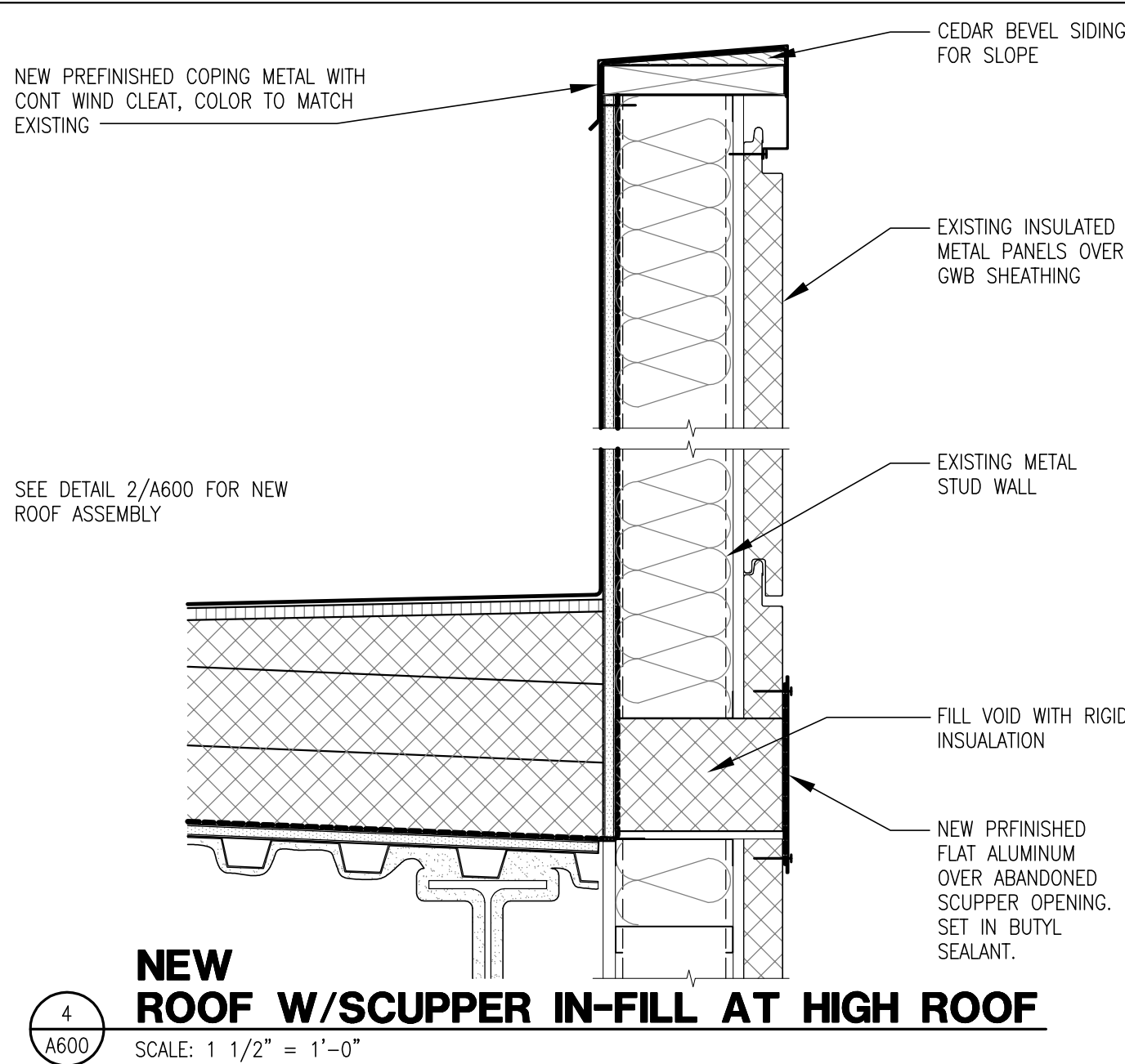
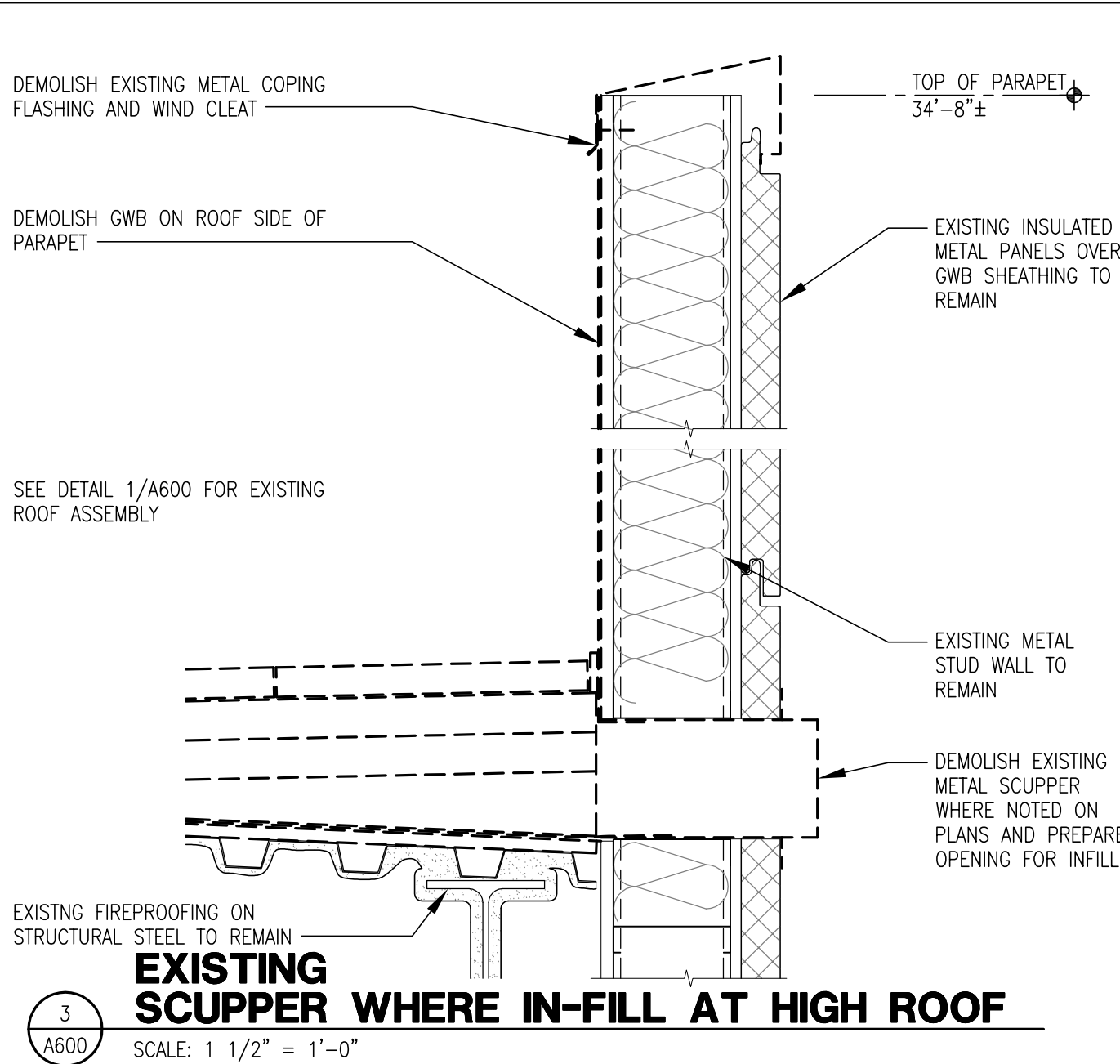
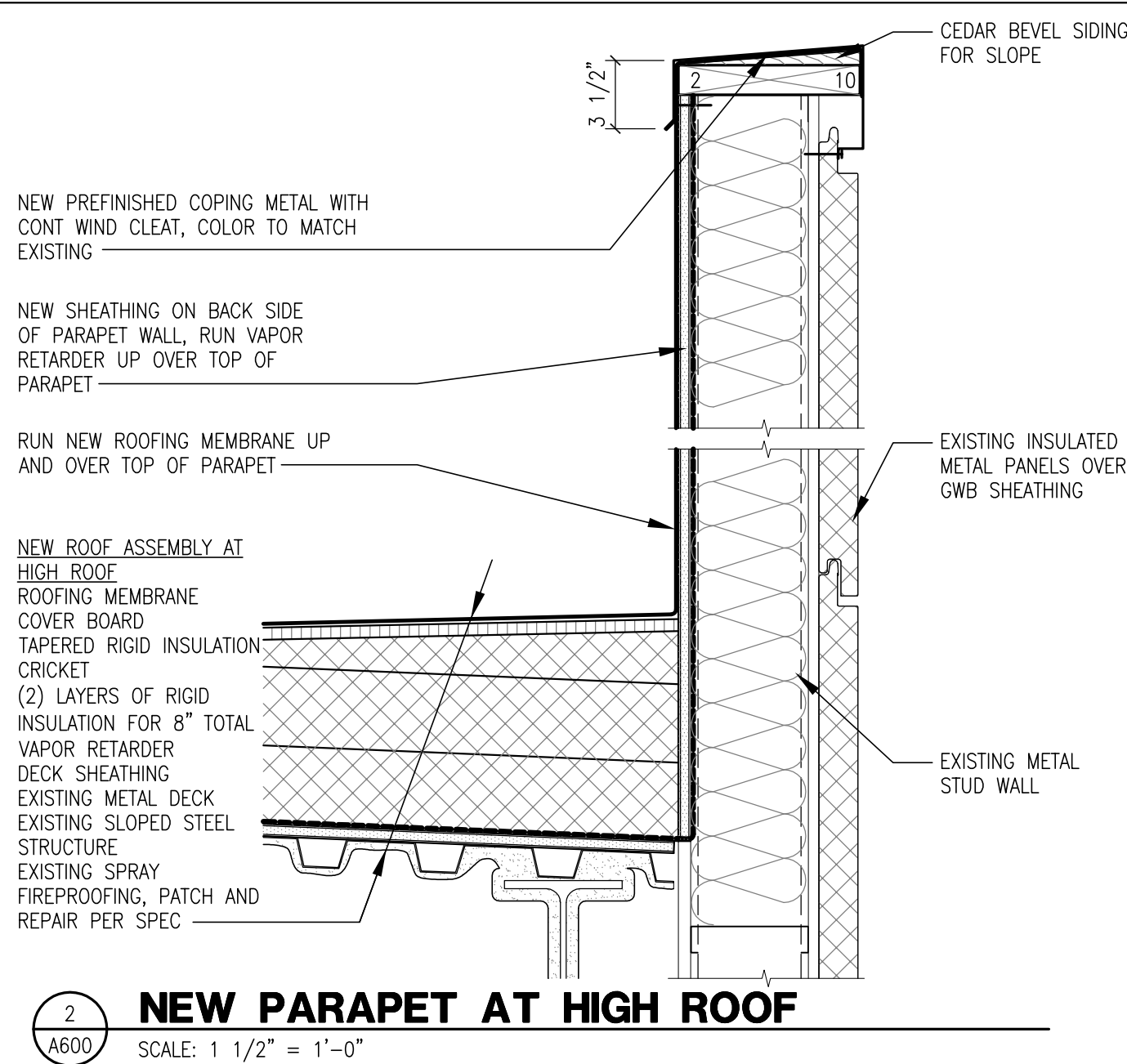
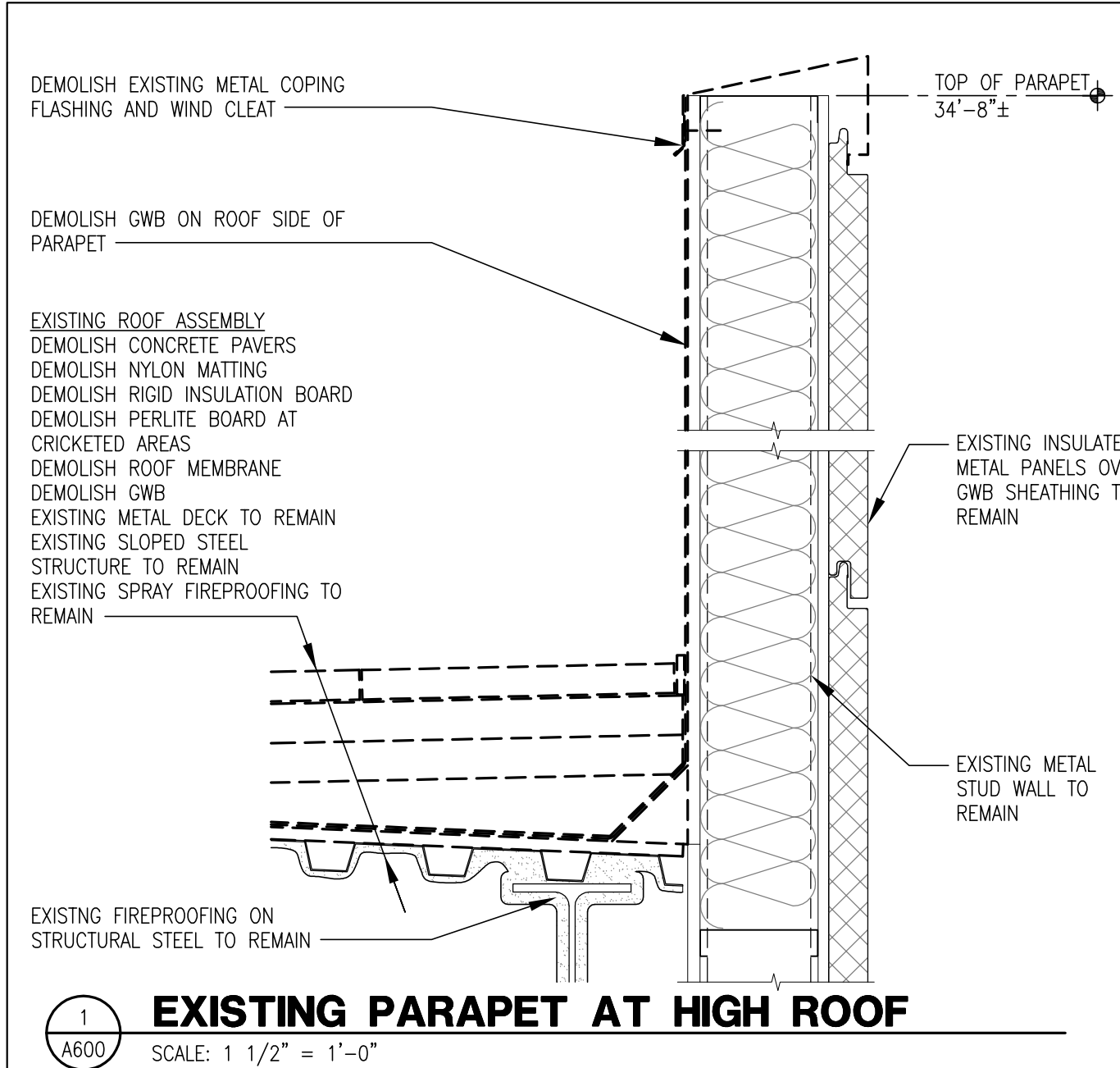
PROJECT NO: 18-150
DATE: 08/01/2018
DRAWN BY: JLL
CHECKED BY: RR

Symbol	Description	Date

PARTIAL ROOF NEW
PLAN - APS BUILDING

A101

1 PARTIAL ROOF NEW PLAN - APS BUILDING
SCALE: 1/8" = 1'-0"



SPRING CREEK CORRECTIONAL CENTER - ROOF REPLACEMENT
(DOT&PF PROJ NO. 2501000045)
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
3600 BETTE CATO AVENUE, SEWARD, ALASKA 99664-
100% CONSTRUCTION DOCUMENTS

CONSULTANT:

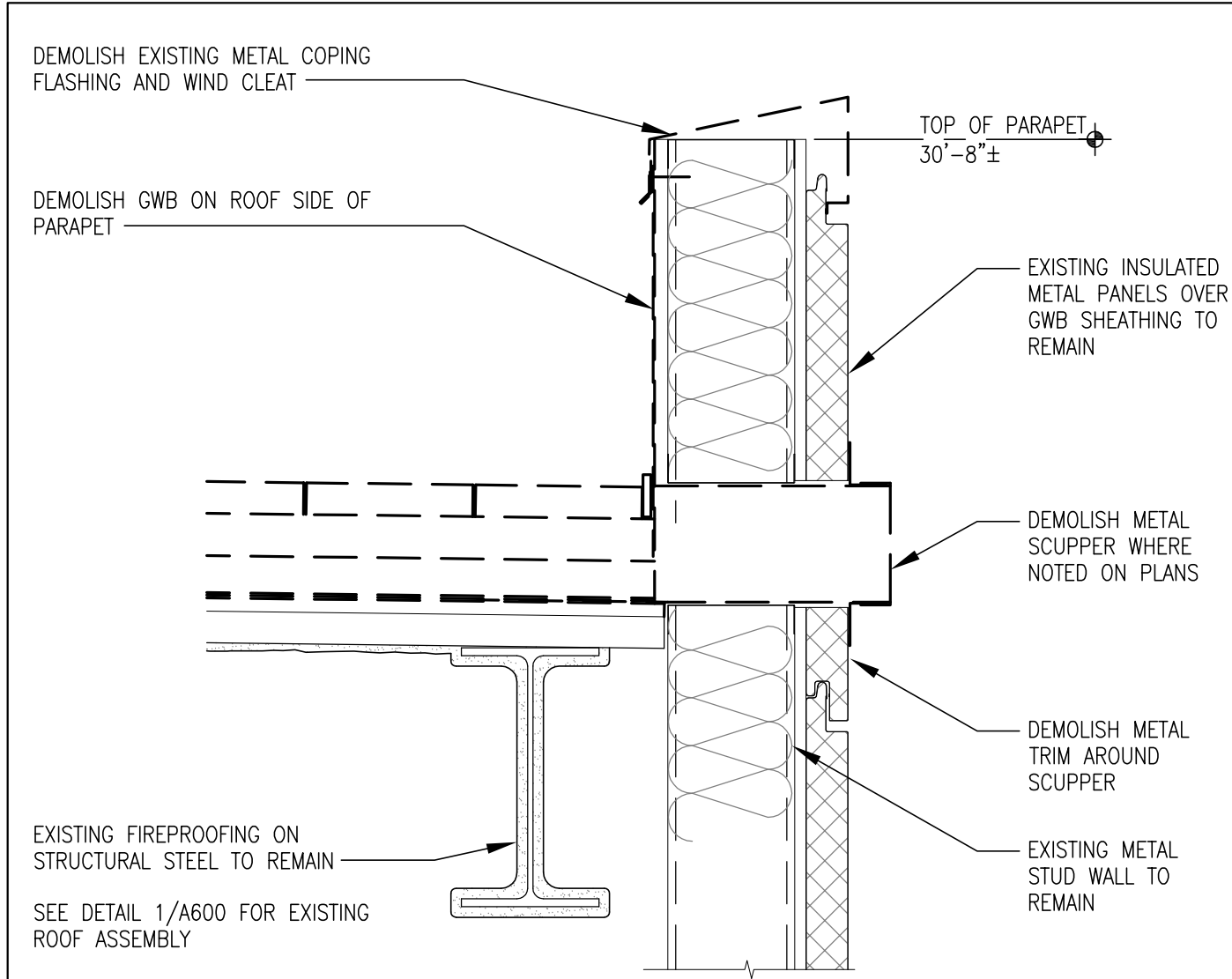
PROJECT NO: 18-150
DATE: 08/01/2018
DRAWN BY: JLL
CHECKED BY: RR

Symbol	Description	Date

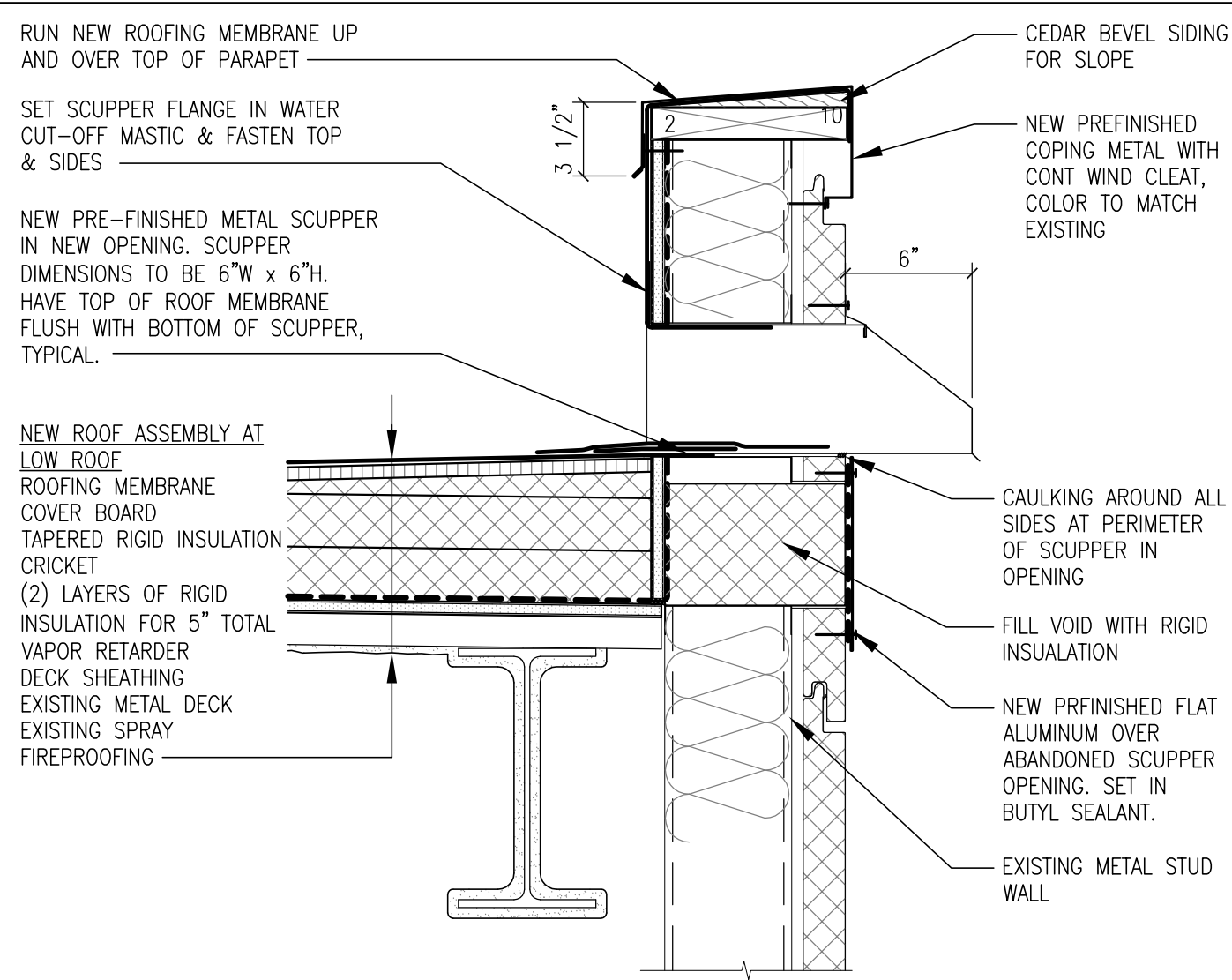
EXISTING/NEW ROOF DETAILS

A600

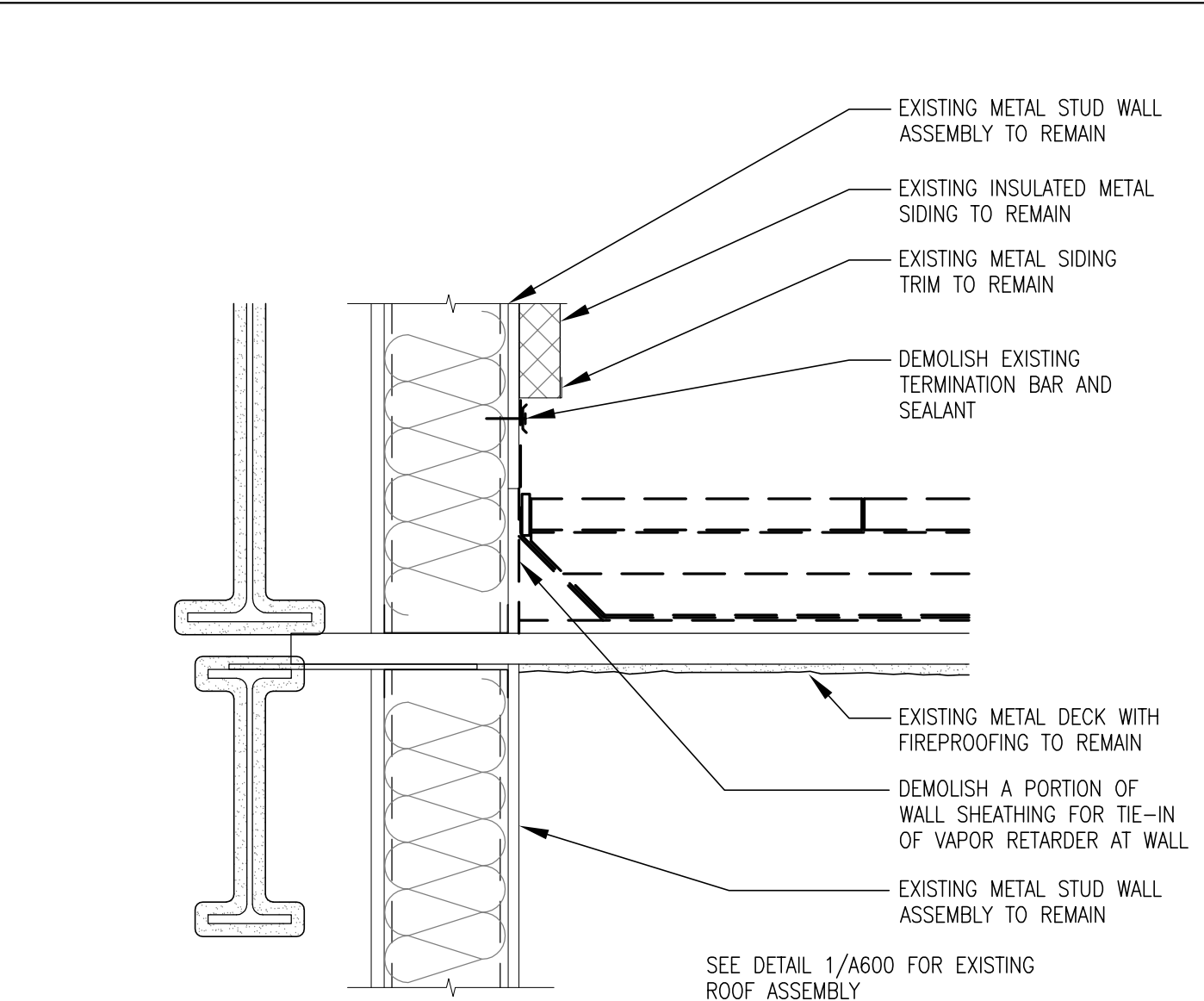
ARCHITECT: BETTISWORTH NORTH
2600 DENALI STREET SUITE 710 ANCHORAGE, ALASKA 99503 (907) 561-5780
212 FRONT STREET FAIRBANKS, ALASKA 99701 (907) 456-5780
CORPORATE No. A600c219 WWW.BETTISWORTHNORTH.COM



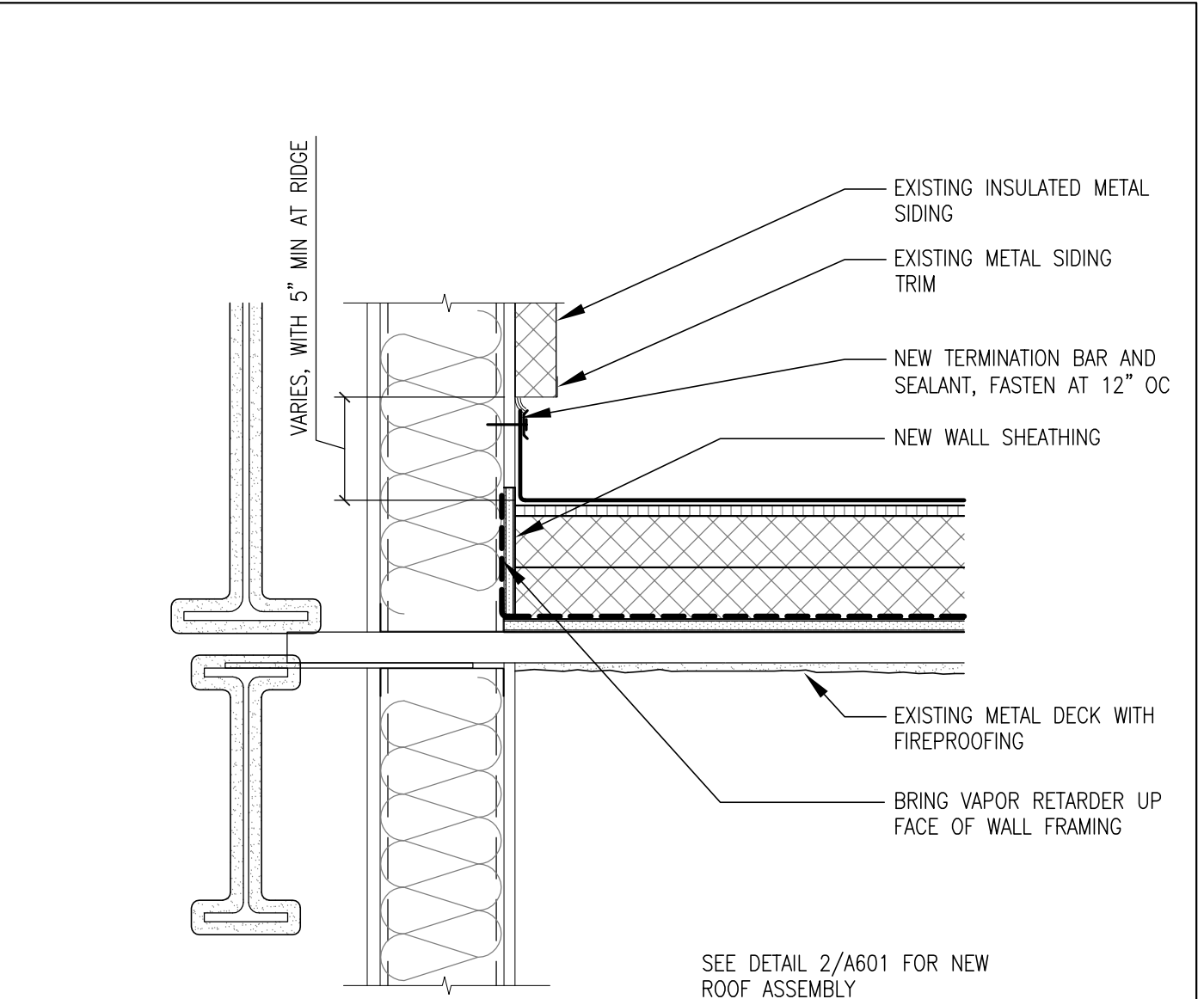
1
A601 **EXISTING PARAPET W/SCUPPER AT LOW ROOF**
SCALE: 1 1/2" = 1'-0"



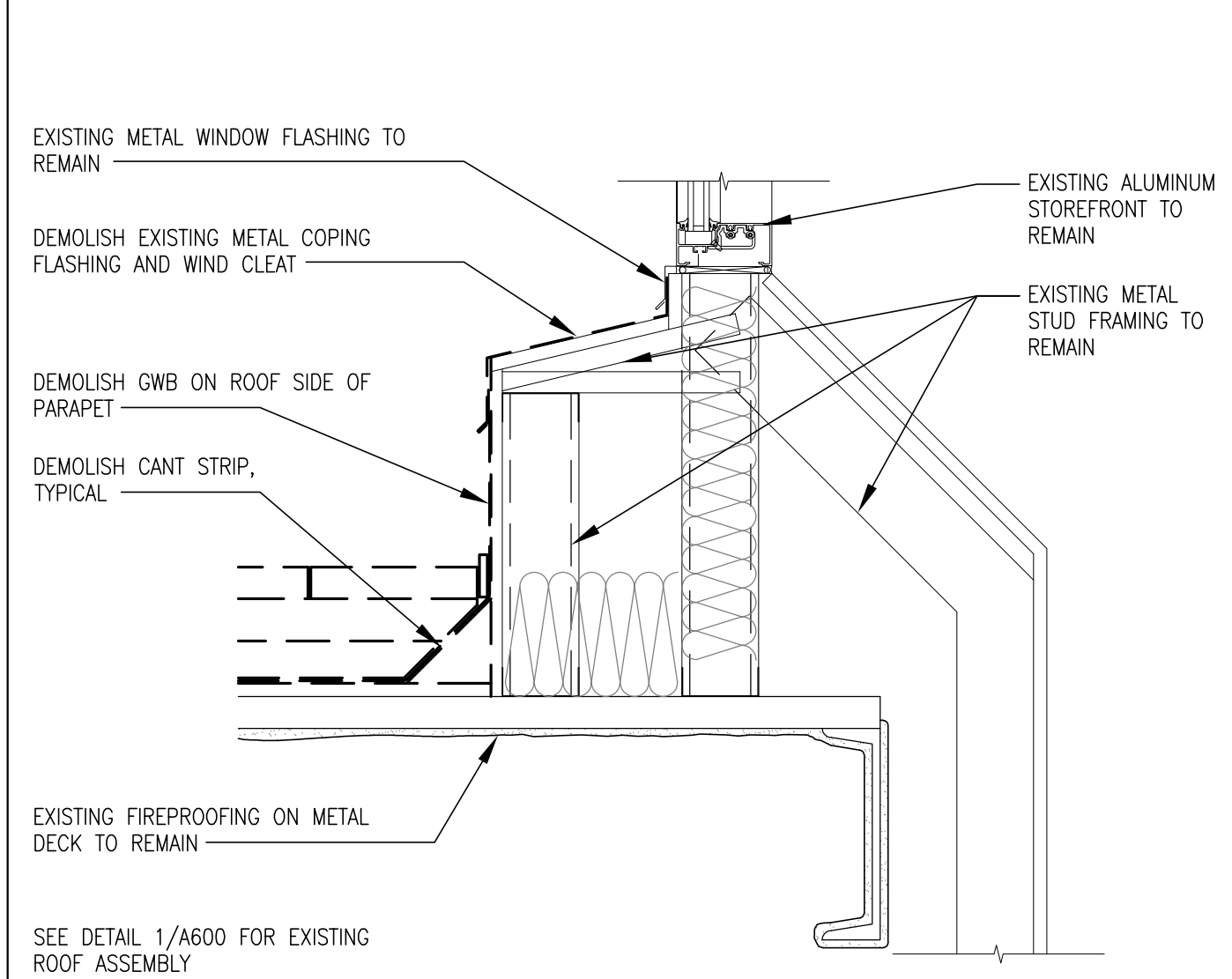
2
A601 **NEW PARAPET W/SCUPPER AT LOW ROOF**
SCALE: 1 1/2" = 1'-0"



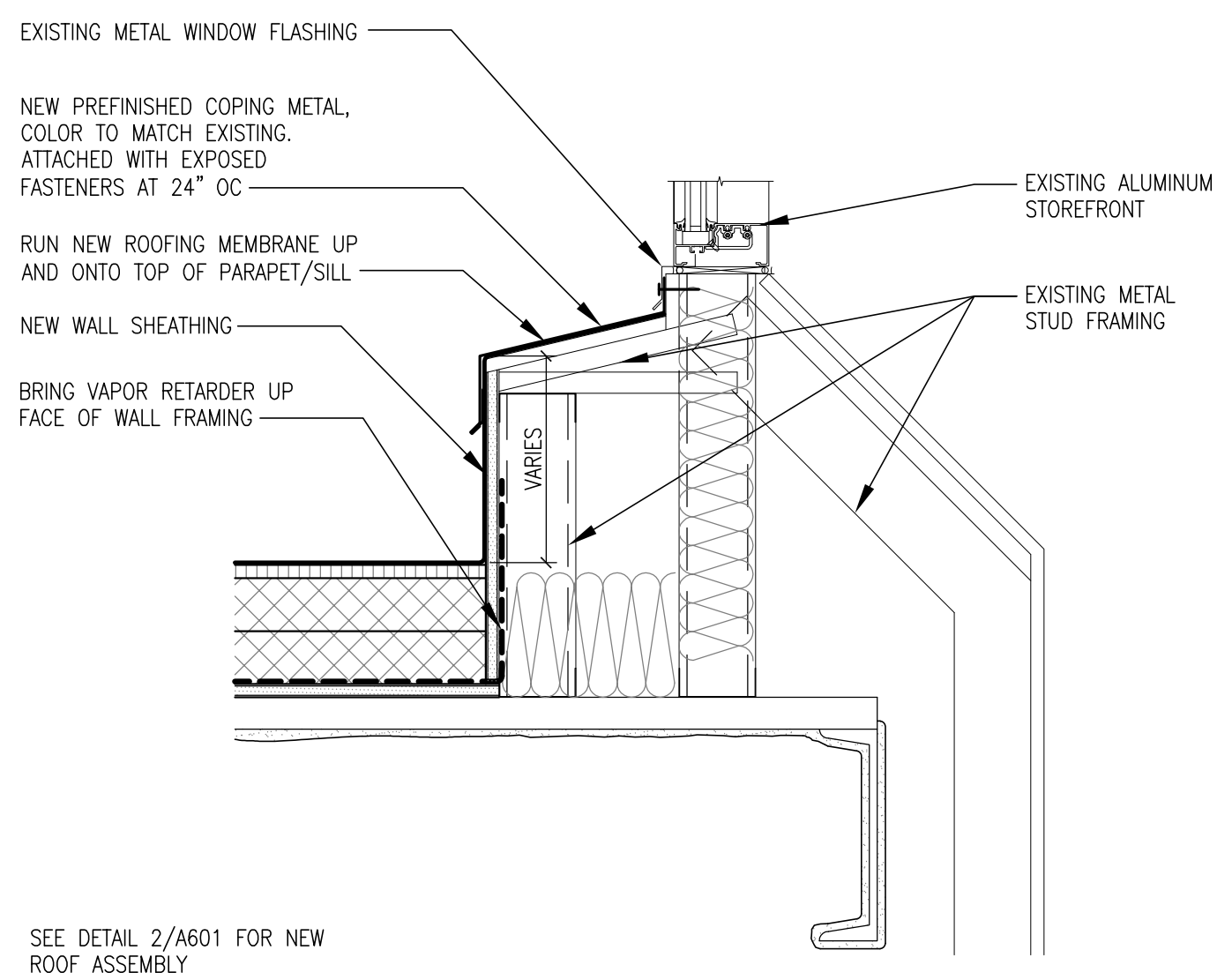
3
A601 **EXISTING SIDEWALL AT LOW ROOF**
SCALE: 1 1/2" = 1'-0"



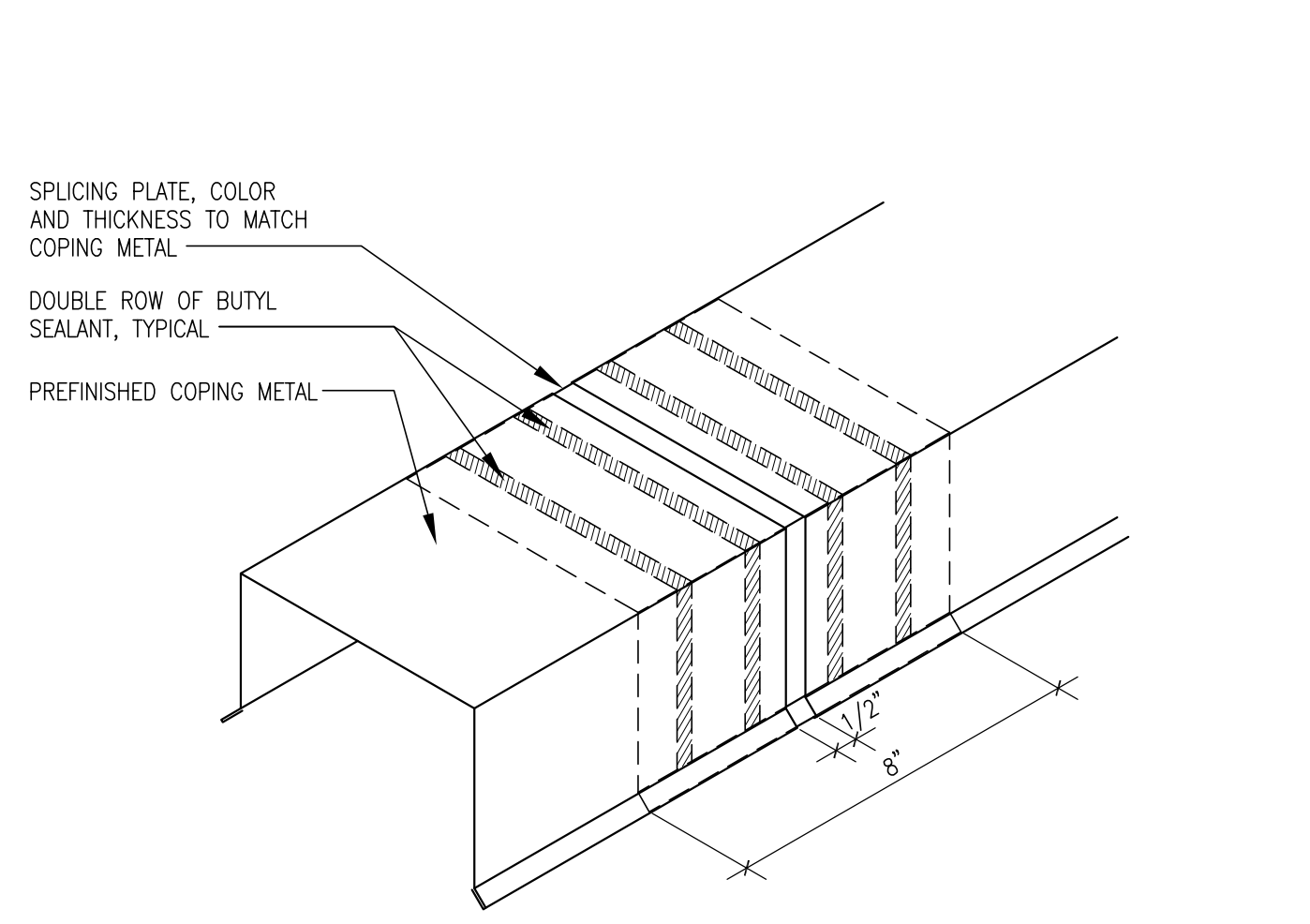
4
A601 **NEW SIDEWALL AT LOW ROOF**
SCALE: 1 1/2" = 1'-0"



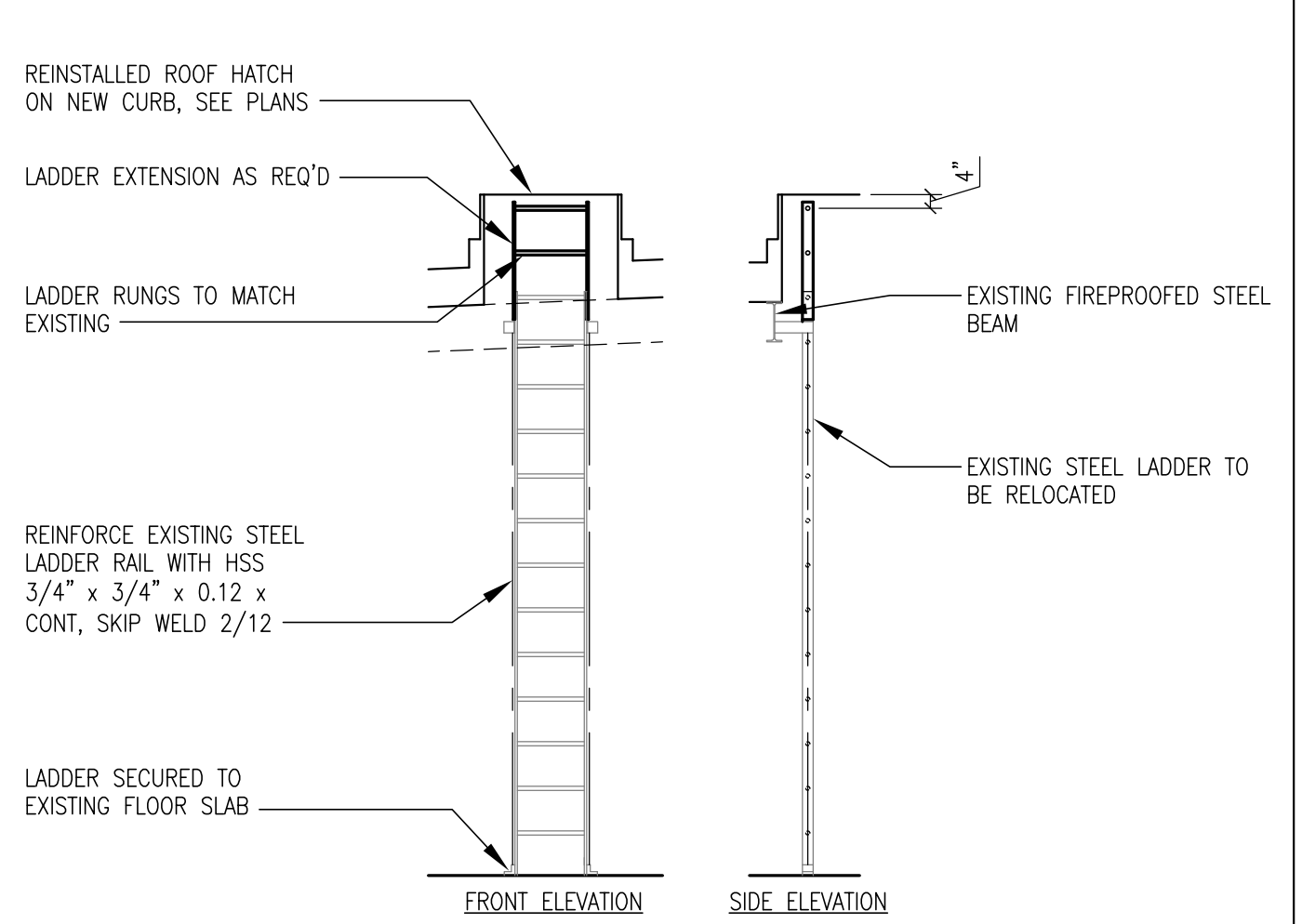
5
A601 **EXISTING LOW ROOF AT CLERESTORY**
SCALE: 1 1/2" = 1'-0"



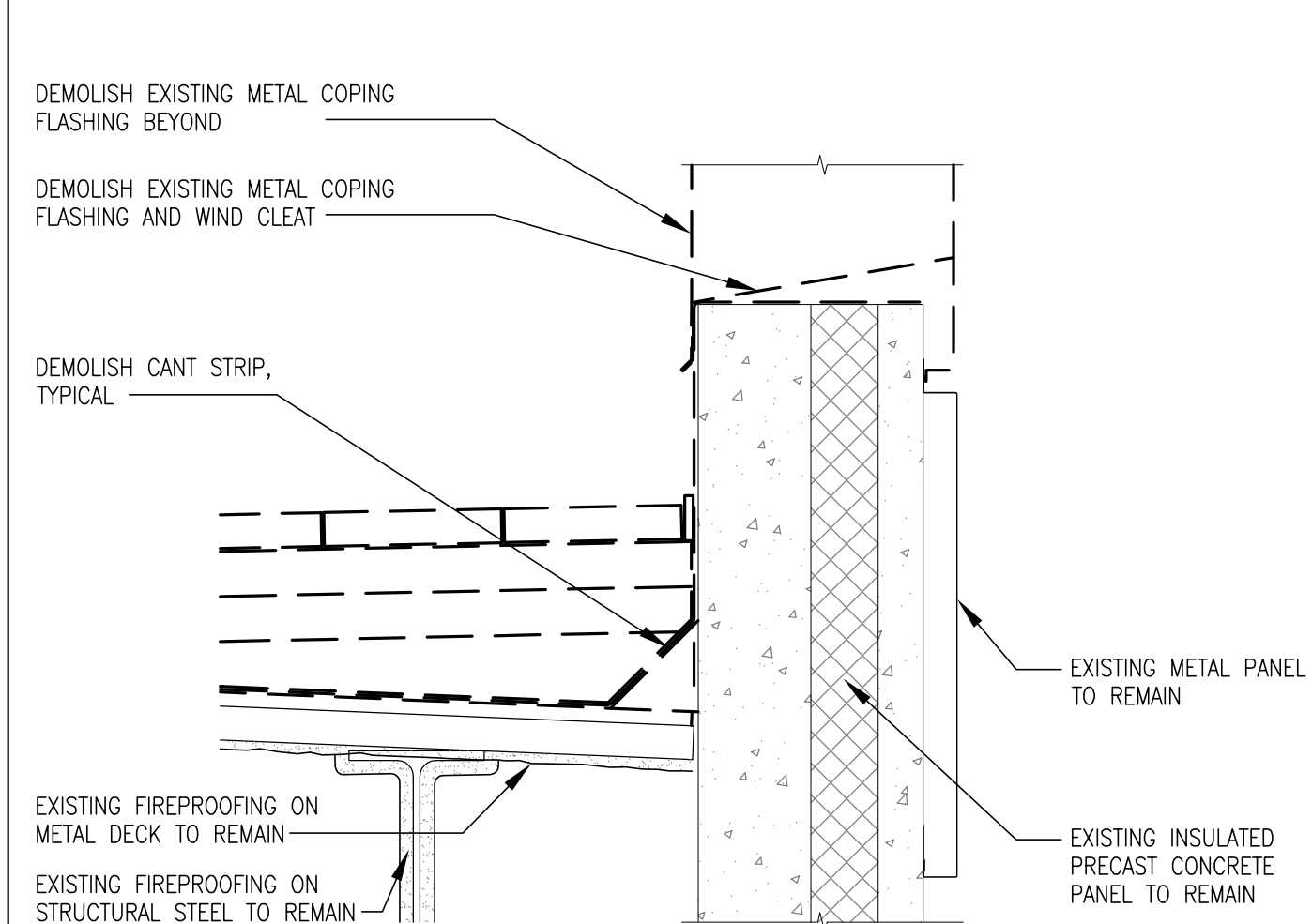
6
A601 **NEW LOW ROOF AT CLERESTORY**
SCALE: 1 1/2" = 1'-0"



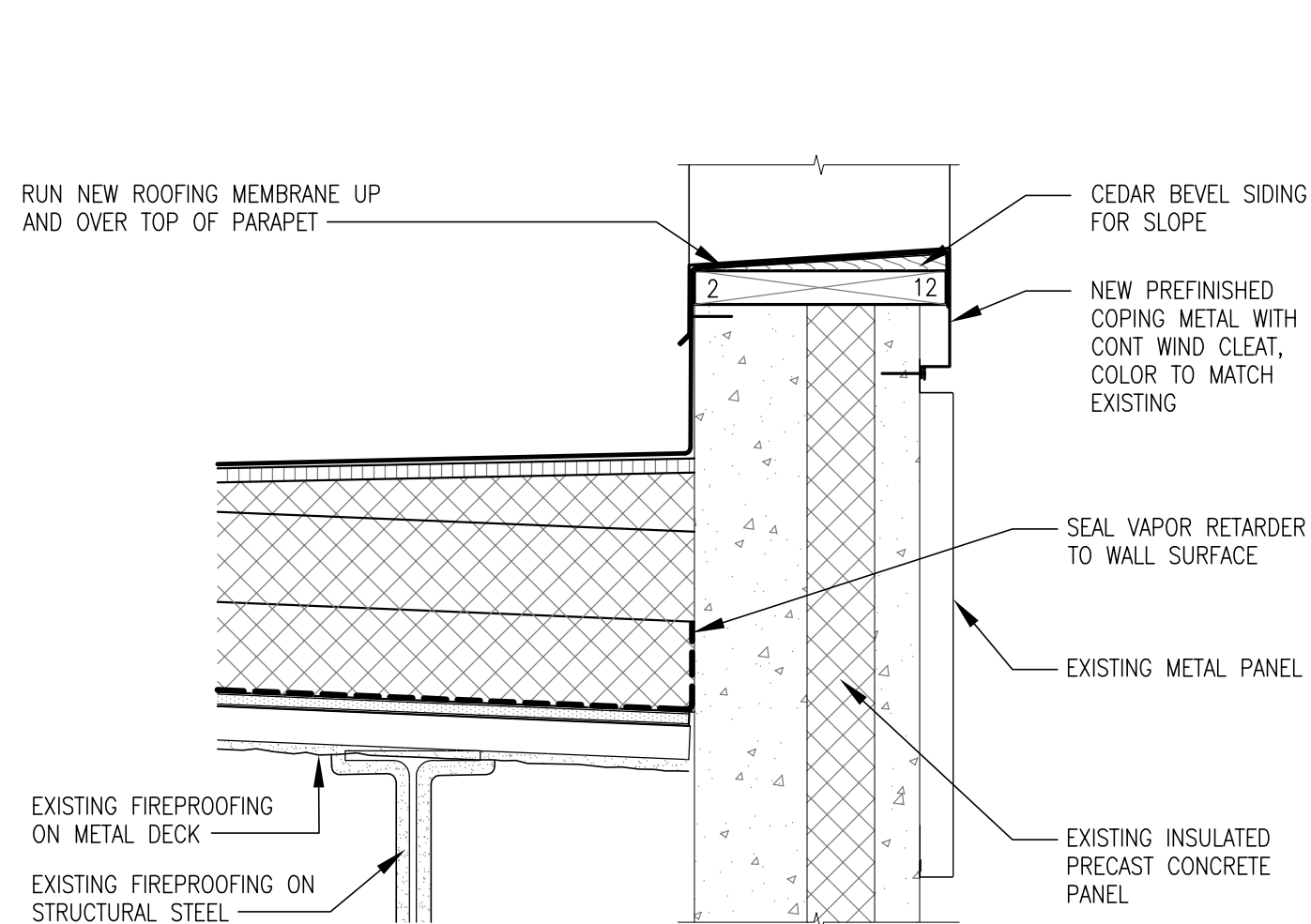
7
A601 **COPING SPLICE EXPANSION JOINT DETAIL**
SCALE: 3" = 1'-0"



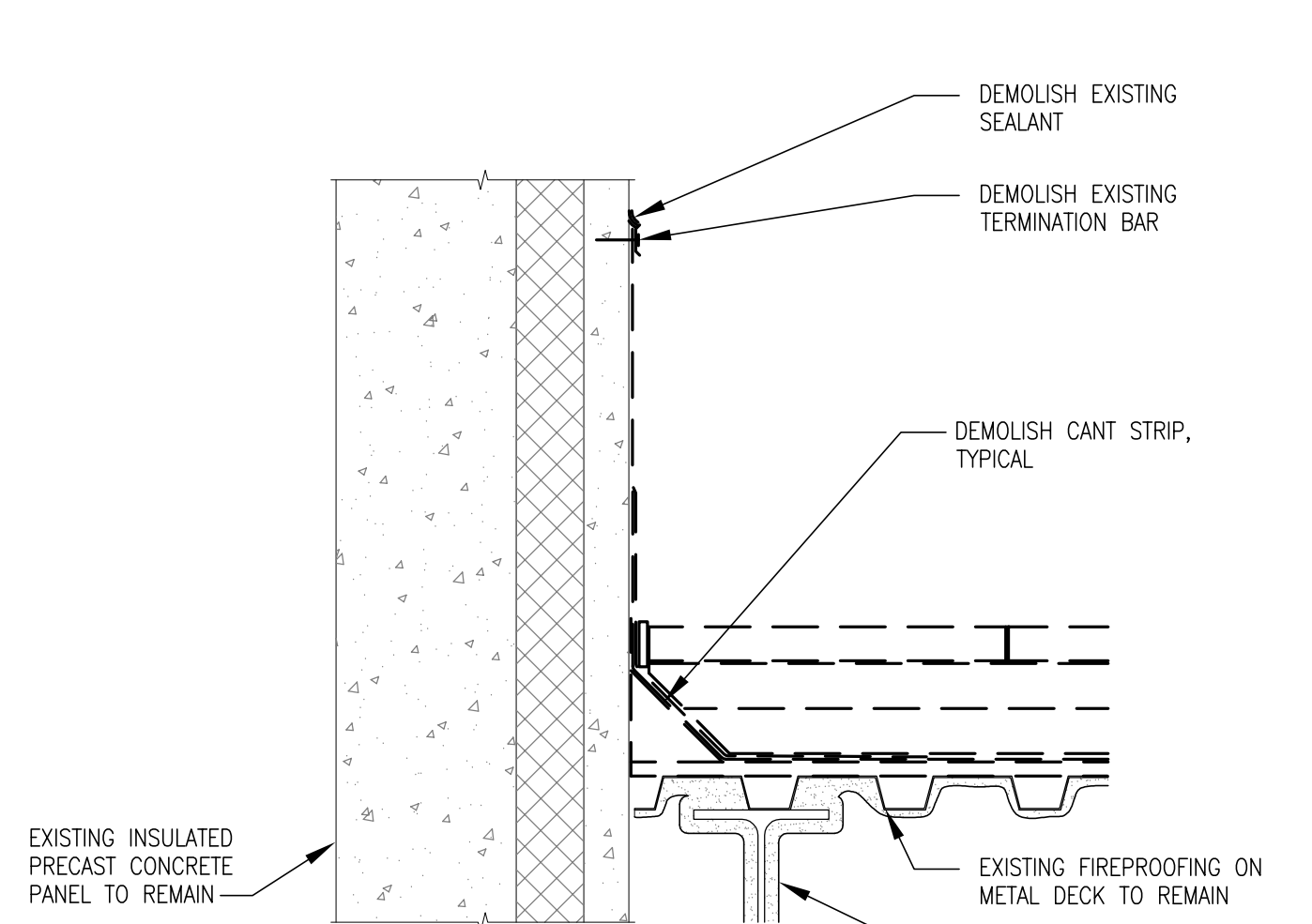
NOTE: MODIFY AND INSTALL LADDER PER STATE OF ALASKA GENERAL SAFETY CODE REGULATIONS. VERIFY LADDER HEIGHT IN FIELD.
8
A601 **EXISTING ROOF ACCESS LADDER EXTENSION/MODIFICATION**
SCALE: 1/4" = 1'-0"



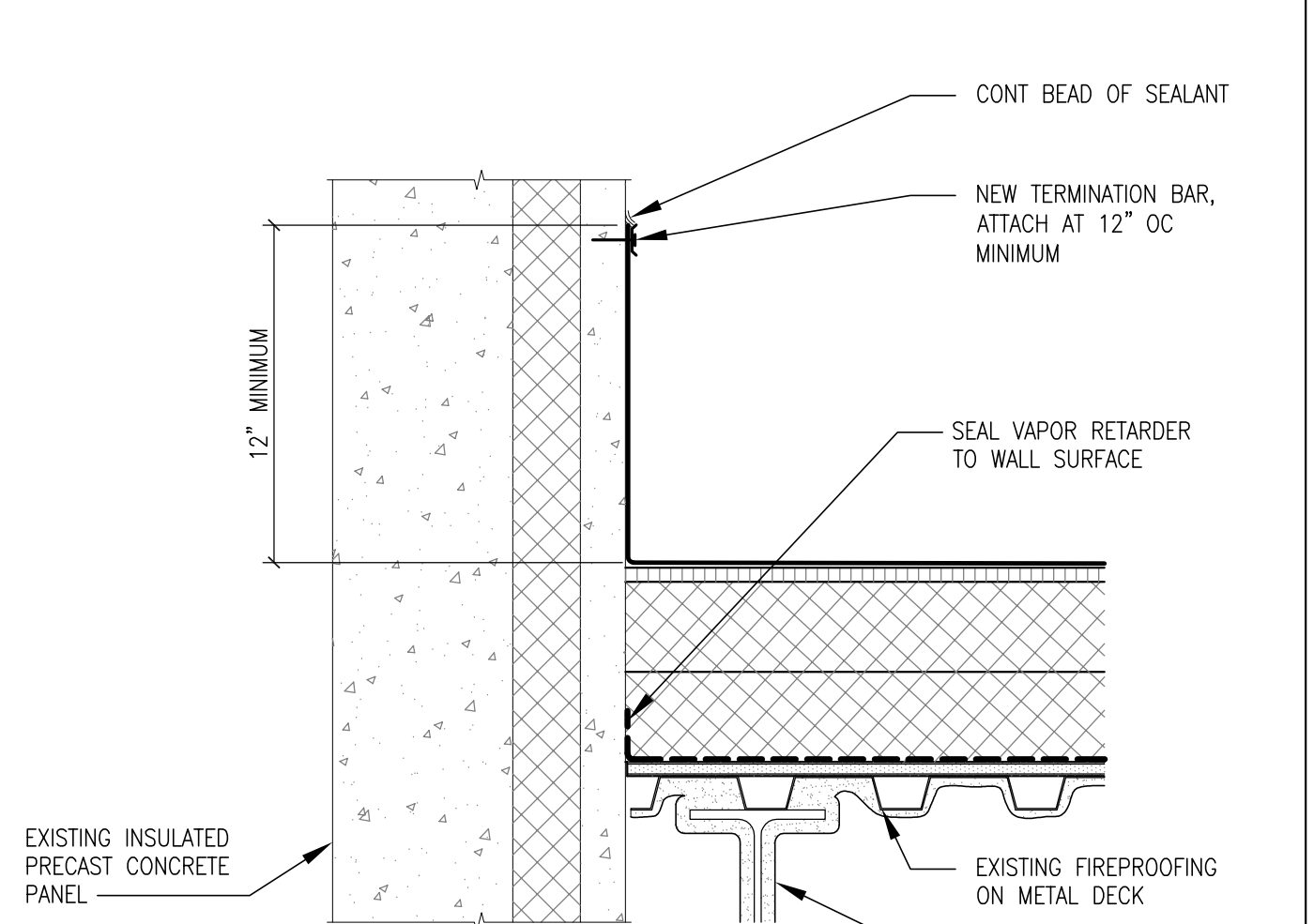
9
A601 **EXISTING PARAPET AT APS BUILDING**
SCALE: 1 1/2" = 1'-0"



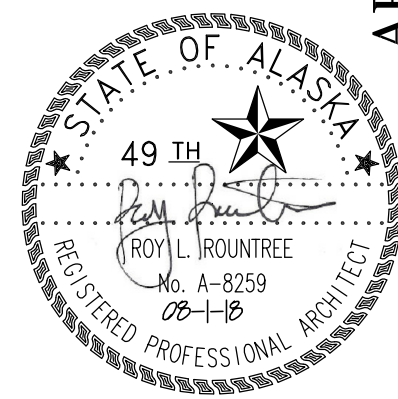
10
A601 **NEW PARAPET AT APS BUILDING**
SCALE: 1 1/2" = 1'-0"



11
A601 **EXISTING SIDEWALL AT APS BUILDING**
SCALE: 1 1/2" = 1'-0"



12
A601 **NEW SIDEWALL AT APS BUILDING**
SCALE: 1 1/2" = 1'-0"



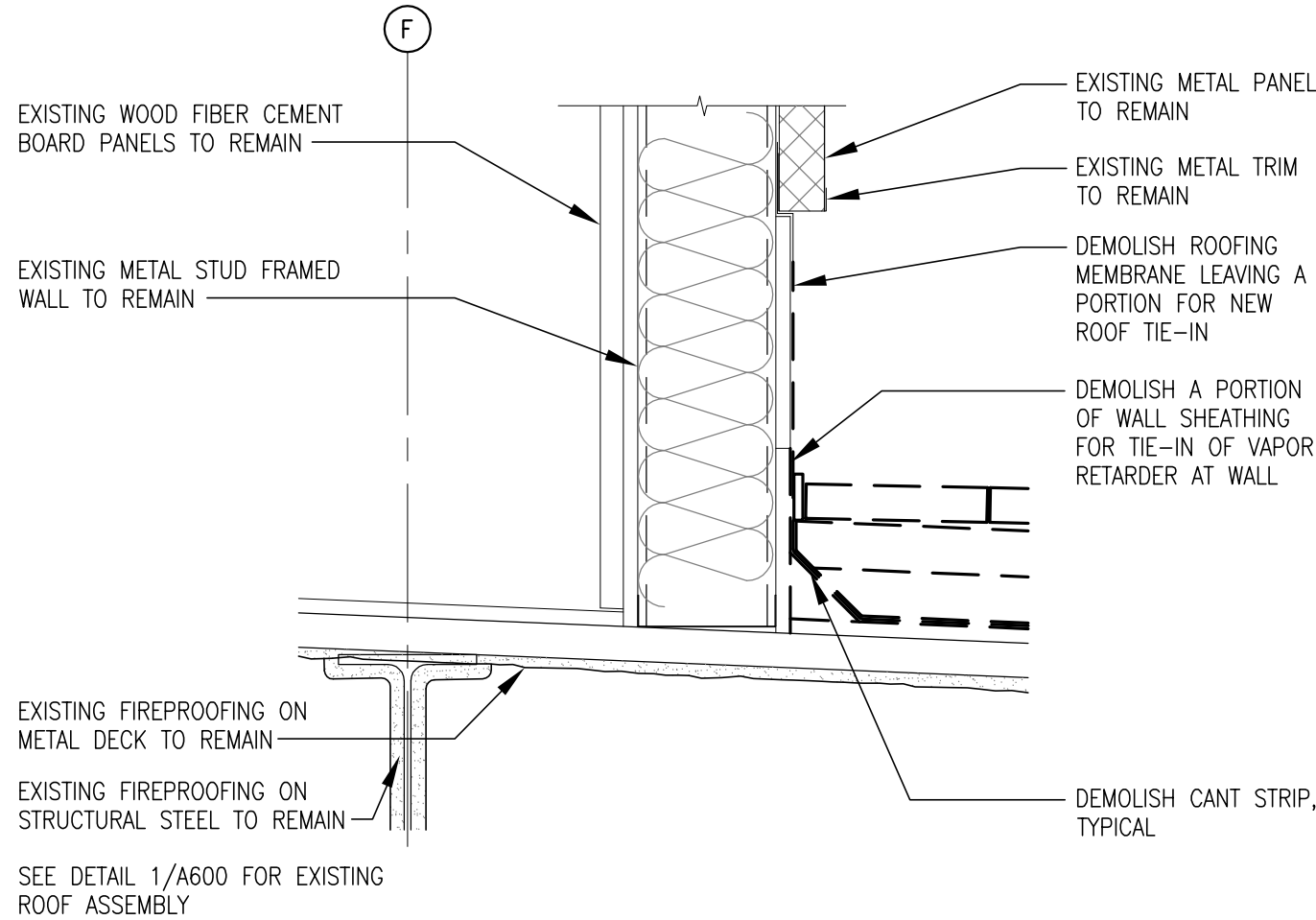
SPRING CREEK CORRECTIONAL CENTER - ROOF REPLACEMENT
(DOT&PF PROJ NO. 2501000045)
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
3600 BETTE CATO AVENUE, SEWARD, ALASKA 99664-
100% CONSTRUCTION DOCUMENTS

CONSULTANT:

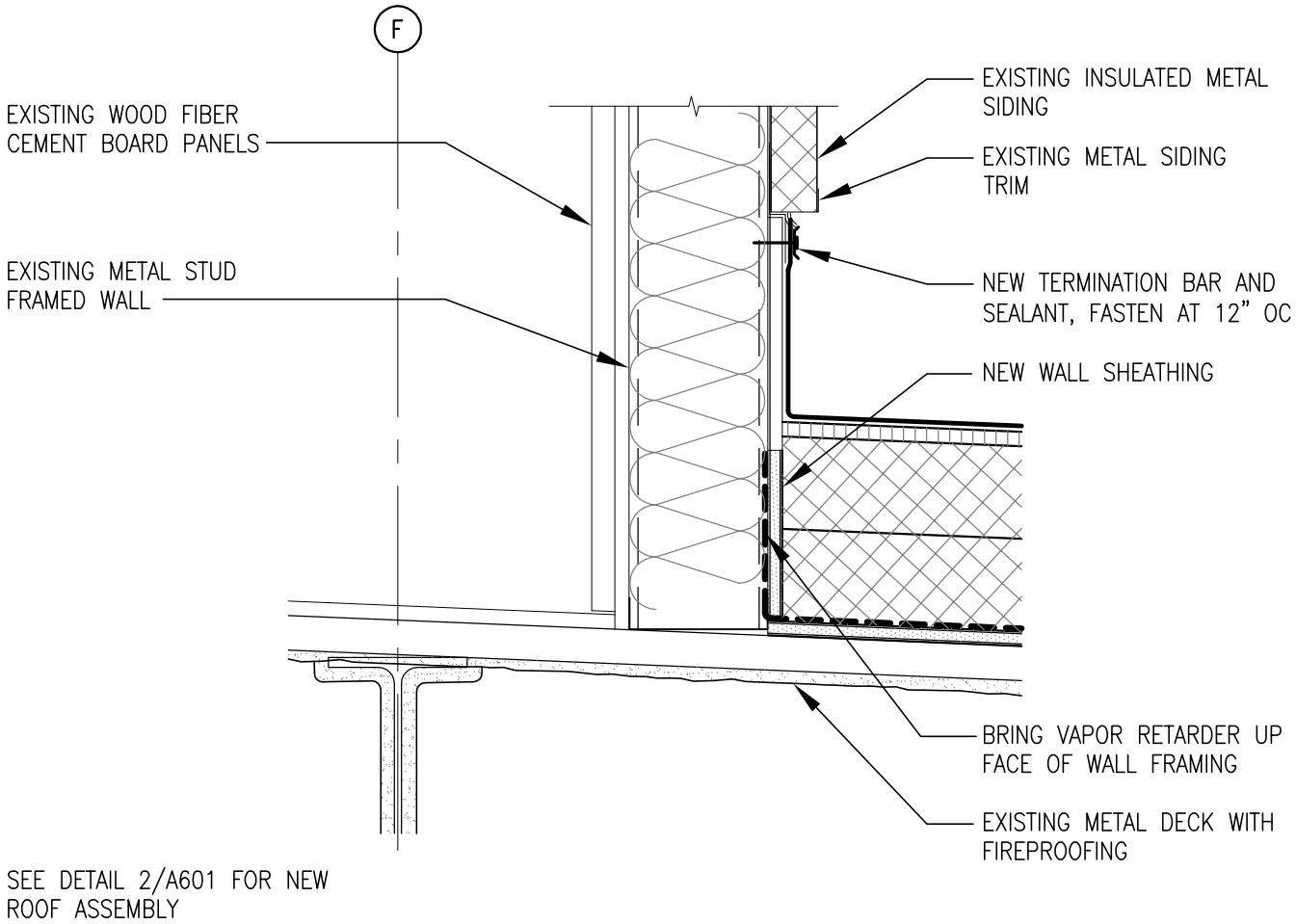
PROJECT NO:	18-150
DATE:	08/01/2018
DRAWN BY:	JLL
CHECKED BY:	RR

Symbol	Description	Date

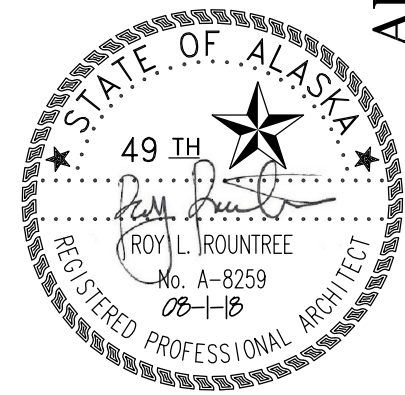
EXISTING/NEW ROOF DETAILS
A601



1
A602 **EXISTING HEADWALL AT APS BUILDING**
SCALE: 1 1/2" = 1'-0"



2
A602 **NEW HEADWALL AT APS BUILDING**
SCALE: 1 1/2" = 1'-0"



**SPRING CREEK CORRECTIONAL
CENTER - ROOF REPLACEMENT**
(DOT&PF PROJ NO. 2501000045)
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES
3600 BETTE CATO AVENUE, SEWARD, ALASKA 99664-

100% CONSTRUCTION DOCUMENTS

ARCHITECT: BETTISWORTH NORTH

2600 DENALI STREET SUITE 710 ANCHORAGE, ALASKA 99503 (907) 561-5780
212 FRONT STREET FAIRBANKS, ALASKA 99701 (907) 456-5780
CORPORATE No. AECC219 WWW.BETTISWORTHNORTH.COM

CONSULTANT:

PROJECT NO: 18-150
DATE: 08/01/2018
DRAWN BY: JLL
CHECKED BY: RR

Symbol	Description	Date

EXISTING/NEW ROOF
DETAILS

A602