

**BUILDING INFORMATION**

APPLICABLE BUILDING CODE - 2015 IEBC AND IPC  
CLASSIFICATION OF WORK - REPAIR

REPLACEMENT OF DAMAGED MATERIALS (ROOF FLASHING) FOR THE PURPOSE OF MAINTAINING COMPONENTS IN SOUND CONDITION WITH RESPECT TO EXISTING LOADS OR PERFORMANCE REQUIREMENTS.  
CONFORMANCE REQUIREMENT (601.2) - THE WORK SHALL NOT MAKE THE BUILDING LESS CONFORMING THAT IT WAS BEFORE THE REPAIR WAS UNDERTAKEN.

EXISTING GUTTER AND DOWNSPOUT SIZE VALIDATED PER IPC 1106

**DESIGN CRITERIA**

ULTIMATE WIND SPEED (Vult) 115 MPH  
EXPOSURE B  
INTERNAL PRESSURE COEFFICIENT +/- 0.18  
BASIS OF DESIGN FM 1-90

**PROJECT DIRECTORY**

**CLIENT**  
DEPARTMENT OF ADMINISTRATIVE SERVICES  
FIRST JUDICIAL DISTRICT  
109 SE 13TH STREET  
DES MOINES, IA 50319  
CLIENT'S REPRESENTATIVE: JENNIFER KLEENE  
PHONE: 515.822.8197  
EMAIL: [jennifer.kleene@iowa.gov](mailto:jennifer.kleene@iowa.gov)

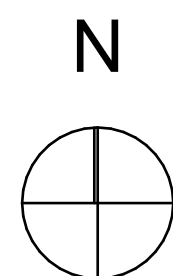
**CONSTRUCTION MANAGER**  
DCI GROUP  
220 SE 6TH STREET SUITE 200  
DES MOINES, IA 50309  
PROJECT MANAGER: MICHAEL STEEN  
PHONE: 515.975.8348  
EMAIL: [michaels@dcigroup-us.com](mailto:michaels@dcigroup-us.com)

**ARCHITECT**  
HORIZON ARCHITECTURE  
3116 ALPINE COURT IOWA CITY IA 52245  
PHONE: (563) 506-4985  
CONTACT: MICHAEL NOLAN, AIA  
EMAIL: [MICHAEL@HORIZON-ARCHITECTURE.COM](mailto:MICHAEL@HORIZON-ARCHITECTURE.COM)

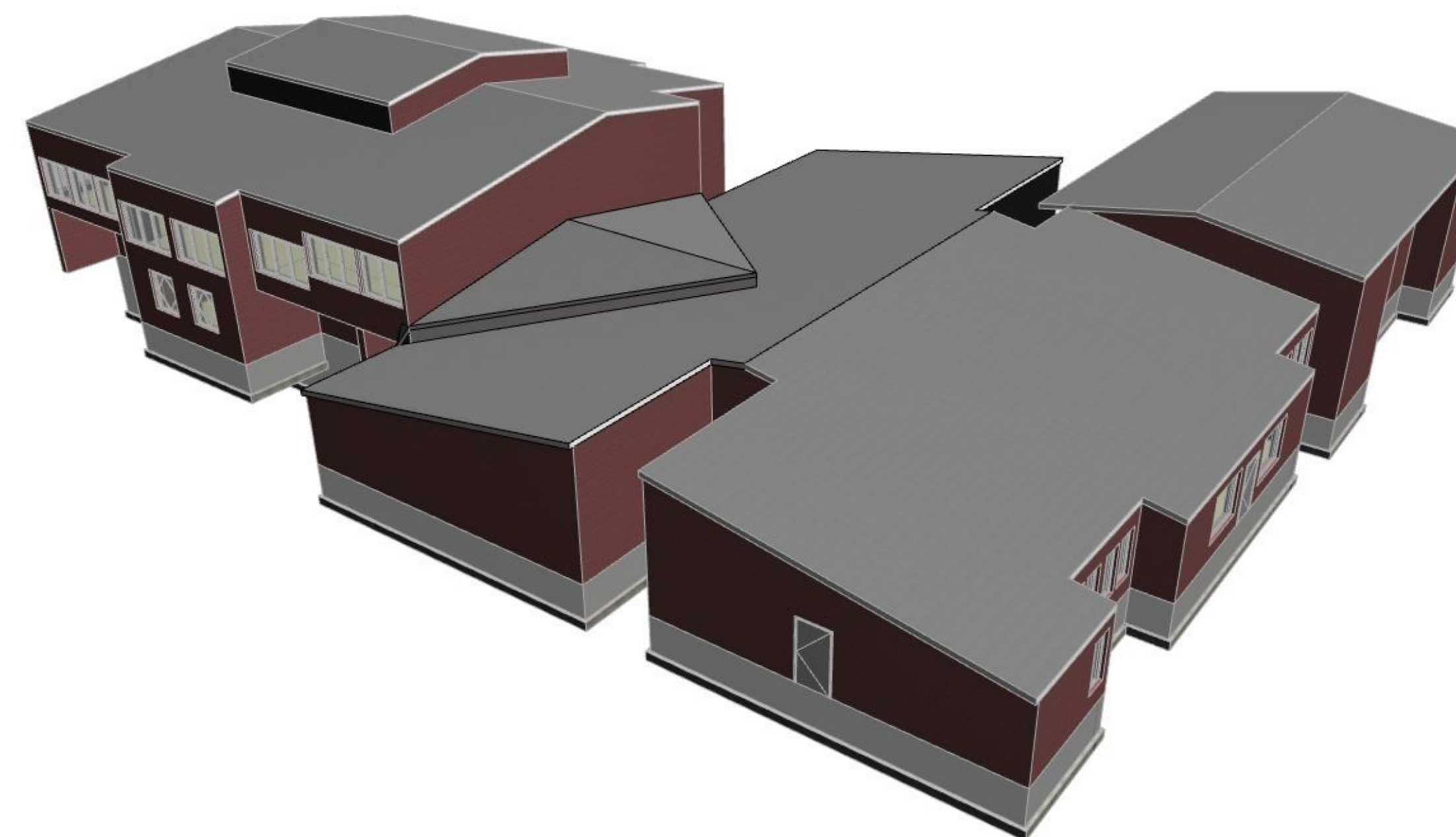
# 9446.00 DUBUQUE RESIDENTIAL FACILITY ROOF REPAIR/REPLACEMENT

1494 Elm St, Dubuque, IA 52001

SHEET INDEX	
ID	Name
C-101	COVER SHEET
A-101	ROOF DEMO PLAN
A-102	ROOF NEW CONSTRUCTION PL...
A-301	ENLARGED PLAN AND SECTIONS
A-302	CRICKET DETAILS
A-401	ROOF DETAILS



**SITE ACCESS KEY PLAN**



**9446.00 Dubuque Residential Facility Roof Repair**

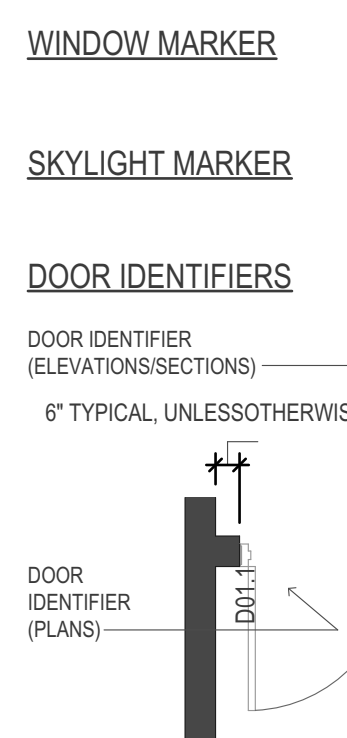
1494 ELM STREET  
DUBUQUE, IA 52001

C:\Users\miken\Horizon Architecture\Projects\General Projects\G24-039 DRF Roof Repairs\1 - Model and Design\DRF Roof Repairs.pln

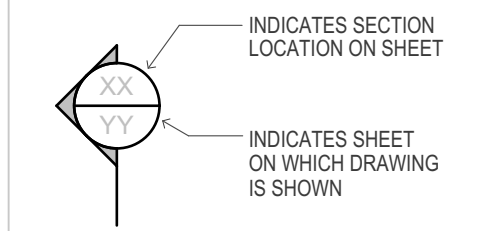
**ABBREVIATIONS**

AD. AREA DRAIN	DN. DOWN	HORIZ. HORIZONTAL	PL. LAM. PLASTIC LAMINATE	UL. UNDERWRITERS LABORATORIES
ABV. ABOVE	DWG. DRAWING	HT. HEIGHT	QTY. QUANTITY	R. RISER
ADA. ACCESSIBLE / AMERICANS	DEPT. DEPARTMENT	INSUL. INSULATION / INSULATING	ID. INSIDE DIAMETER	R.W.C. RAIN WATER CONDUCTOR
ADJ. ADJUSTABLE	DIM. DIMENSION	INCAND. INCANDESCENT	REQ. REQUIRED	REIN. REINFORCING / REINFORCED
A.G.R. AREA OF REFUGE	DR. DOOR	JAN. JANITOR	W. WITH	W.C. WATER CLOSET
ALUM. ALUMINUM	EXIST. EXISTING	JT. JOINT	LBS. POUNDS	WD. WOOD
ALT. ALTERNATE	EQ. EQUAL	LAV. LAVATORY	L.P. LOW POINT	& AND
A.F.F. ABOVE FINISHED FLOOR	E.C. ELECTRICAL CONTRACTOR	LAW. LAVATORY	LAV. LAVATORY	AT AT
AC. ACOUSTIC / ACOUSTICAL	EL. ELEVATION	LAM. LAMINATE	L.P. LOW POINT	± PLUS OR MINUS
A.F. ALUMINUM FACE	ELEV. ELEVATOR	L.P. LOW POINT	L.P. LOW POINT	° DEGREE
APPX. APPROXIMATE / APPROXIMATELY	ELEC. ELECTRIC / ELECTRICAL	MAX. MAXIMUM	S.S. STAINLESS STEEL	° ANGLE
BD. BOARD	EXP. EXPANSION	MFR. MANUFACTURER / MANUFACTURED	ST. STREET	° SIMILAR
BLK. BLOCK / BLOCKING	EA. EACH	MTL. METAL	STL. STEEL	# CHANNEL NUMBER
BLDG. BUILDING	F.D. FLOOR DRAIN	MIN. MINIMUM	SQ. SQUARE	□ SQUARE
B.O. BOTTOM OF	F.E. FIRE EXTINGUISHER	MIR. MIRROR	SAN. SANITARY	○ ROUND / DIAMETER
B.O.S. BOTTOM OF STEEL	F.E.C. FIRE EXTINGUISHER	MTD. MOUNTED	SUSP. SUSPENDED	○ CENTER LINE
CAB. CABINET	CABINET	M.O. MASONRY OPENING	STD. STANDARD	/ PL. PLATE
C.C. CENTER-TO-CENTER	FIN. FINISH / FINISHED	MISC. MISCELLANEOUS	SPEC. SPECIFICATION	/ L. LEG-GAR
C.C. CEILING	FLR. FLOOR	MISC. MECHANICAL	TEL. TELEPHONE	
CLOS. CLOSET	F.O. FACE OF	N.I.C. NOT IN CONTRACT	T.O. TOP OF	
C.M. CONSTRUCTION MANAGER	FT. FEET / FOOT	NO. NUMBER	T.O.S. TOP OF STEEL	
C.M.U. CONCRETE MASONRY UNIT	FLUR. FLOOR FINISH	N.T.S. NOT TO SCALE	T.O.W. TOP OF WALL	
CONC. CONCRETE	CONTR. CONTROL JOINT	O.C. ON CENTER	TOL. TOLERANCE	
CORR. CORRIDOR	GALV. GALVANIZED	O.D. OUTSIDE DIAMETER	TYP. TYPICAL	
COL. COLUMN	GA. GAUGE	OPP. OPPOSITE	THK. THICK	
CONT. CONTINUE / CONTINUOUS	G.C. GENERAL CONTRACTOR	OPG. OPENING	TMP. TEMPERED	
CONTR. CONTRACTOR	HR. HOUR	PLNG. PLUMBING CONTRACTOR	T.S.G. TEMPERED SAFETY GLASS	
DIA. DIAMETER	H.P. HIGH POINT	P.F. PANEL FACE	U.O.N. UNLESS OTHERWISE NOTED	
DET. DETAIL	HVAC HEAT, VENTILATION, AIR-CONDITIONING	PR. PAIR		
		P.T. PRESSURE TREATED		

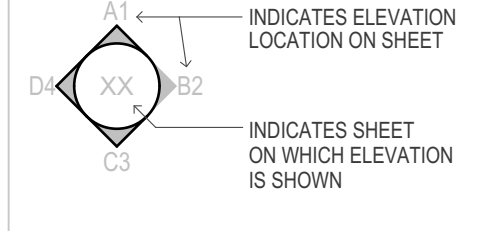
**GRAPHIC SYMBOLS**



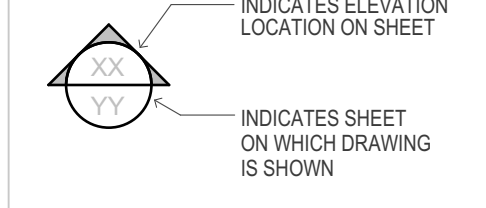
**SECTION / DETAIL MARKER**



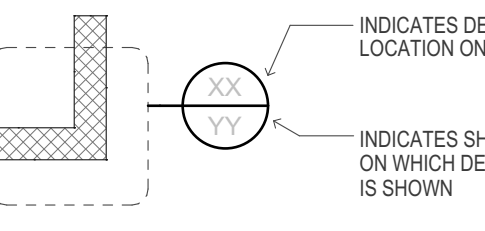
**INTERIOR ELEVATION MARKER**



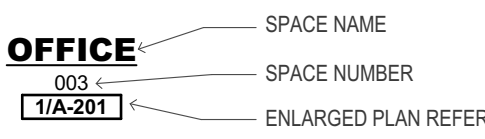
**ELEVATION / SECTION MARKER**



**DETAIL / ENLARGED PLAN MARKER**



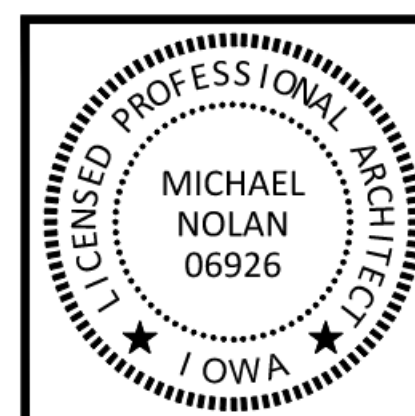
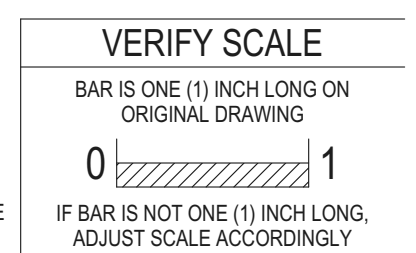
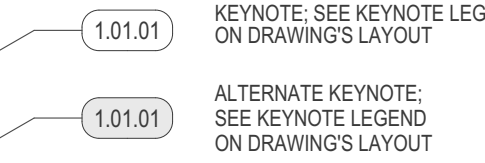
**SPACE DESIGNATION**



**WALL TYPE MARKER**



**KEYNOTE IDENTIFIER**



I HEREBY CERTIFY THAT THE PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED HEREIN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF IOWA.

MICHAEL NOLAN  
LICENSE NUMBER 06926.

2/14/2025  
DATE

MY LICENSE RENEWAL DATE IS JUNE 30, 2025.

PAGES OR SHEETS COVERED BY THIS SEAL: C-101 THRU A-401

ISSUED FOR BIDDING

MARK	DATE	DESCRIPTION

PROJECT NO: #PIn  
DATE: 2/14/2025  
DRAWN BY: MSN  
COPYRIGHT

SHEET TITLE

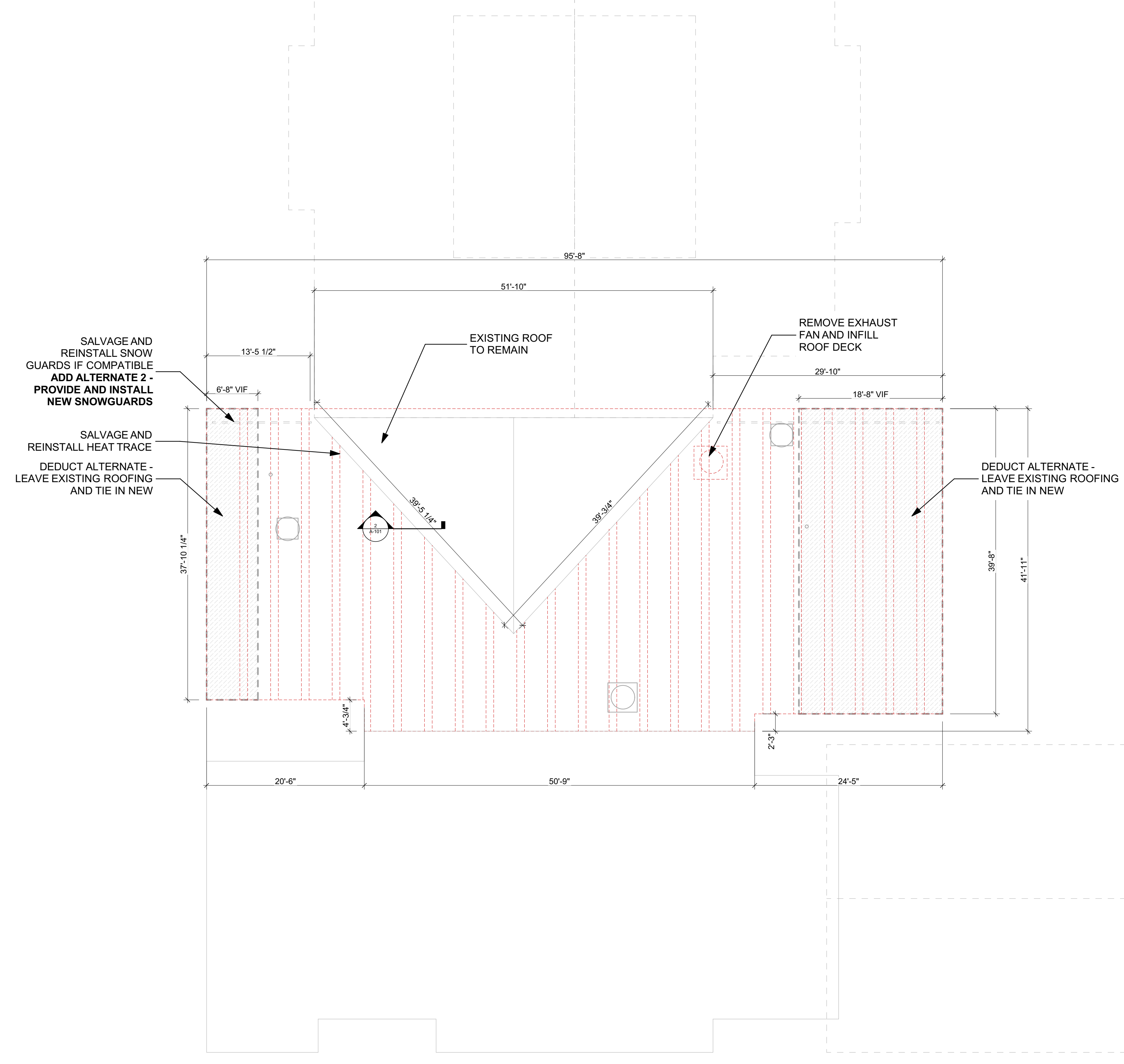
**COVER SHEET**

**C-101**

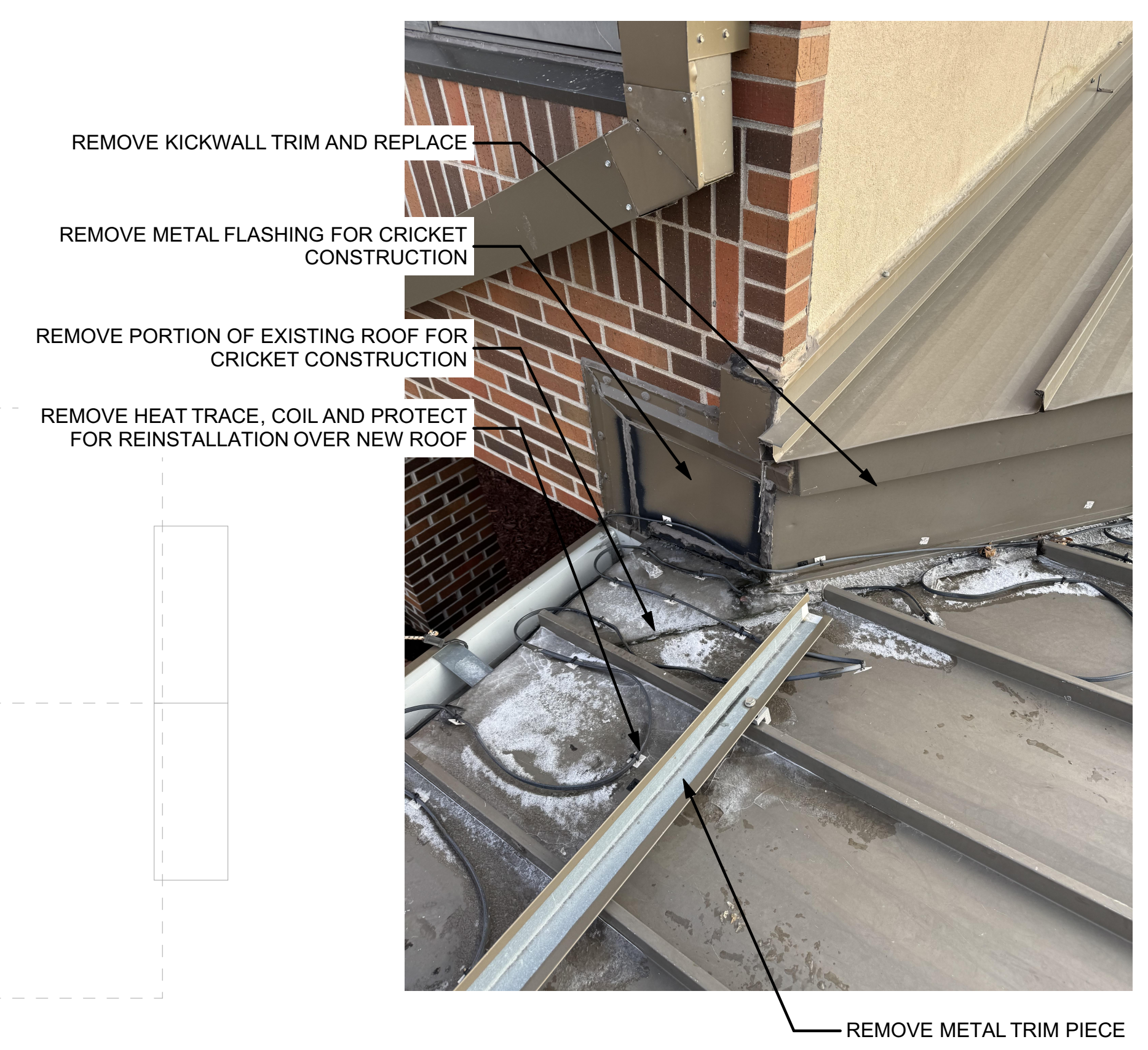
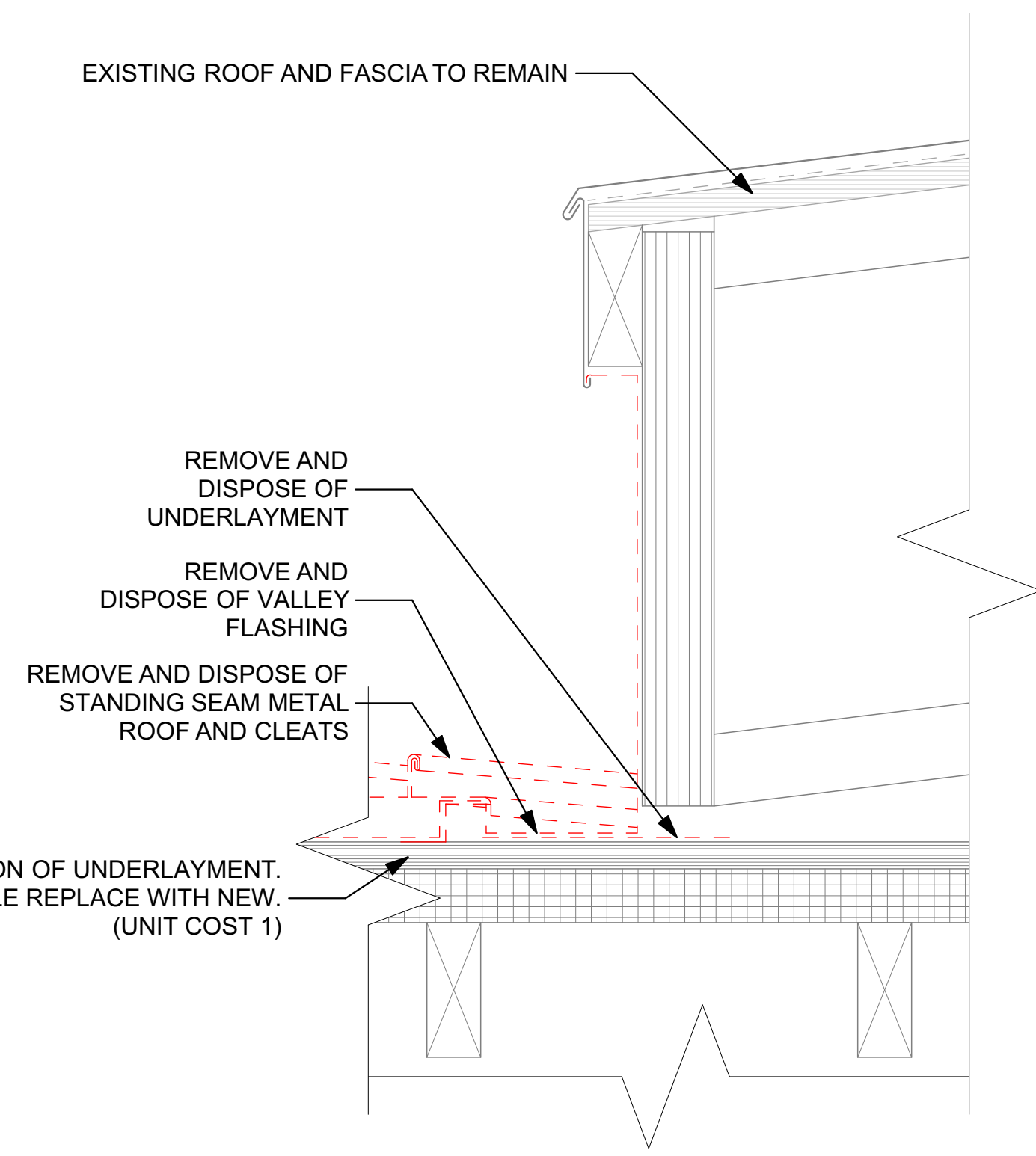
**GENERAL DEMOLITION NOTE**

- PROVIDE TEMPORARY ROOF COVERING TO ENSURE WATERTIGHT PROTECTION DURING CONSTRUCTION OR ONLY REMOVE AREA THAT CAN BE REPLACED AND FLASHED TO EXISTING SYSTEM DURING SAME WORK PERIOD.

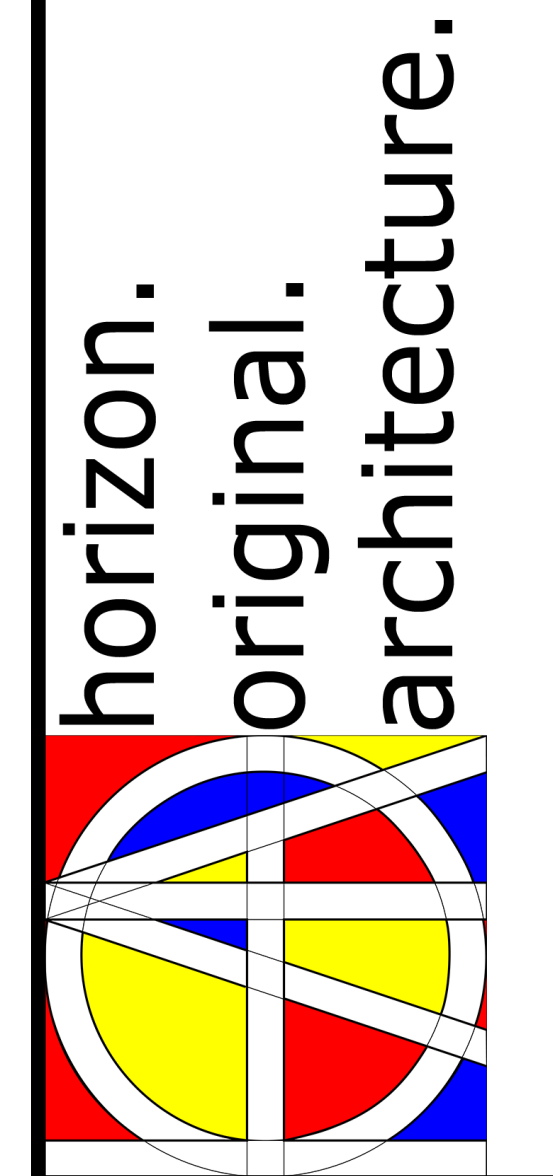
PROVIDE UNIT COST FOR DAMAGED NAIL BASE PLYWOOD/INSULATION ROOF SHEATHING PER 4'X8' SHEET INCLUDING REMOVAL AND REPLACEMENT. INCLUDE 640 S.F. (20 SHEETS) IN BASE BID.



2 ROOF ADDITION CONNECTION DEMO  
SCALE: 3" = 1'-0"



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



**9446.00 Dubuque Residential Facility Roof Repair**

1494 ELM STREET  
DUBUQUE, IA 52001

MARK	DATE	DESCRIPTION

PROJECT NO: #PIn  
DATE: 2/14/2025  
DRAWN BY: MSN  
COPYRIGHT

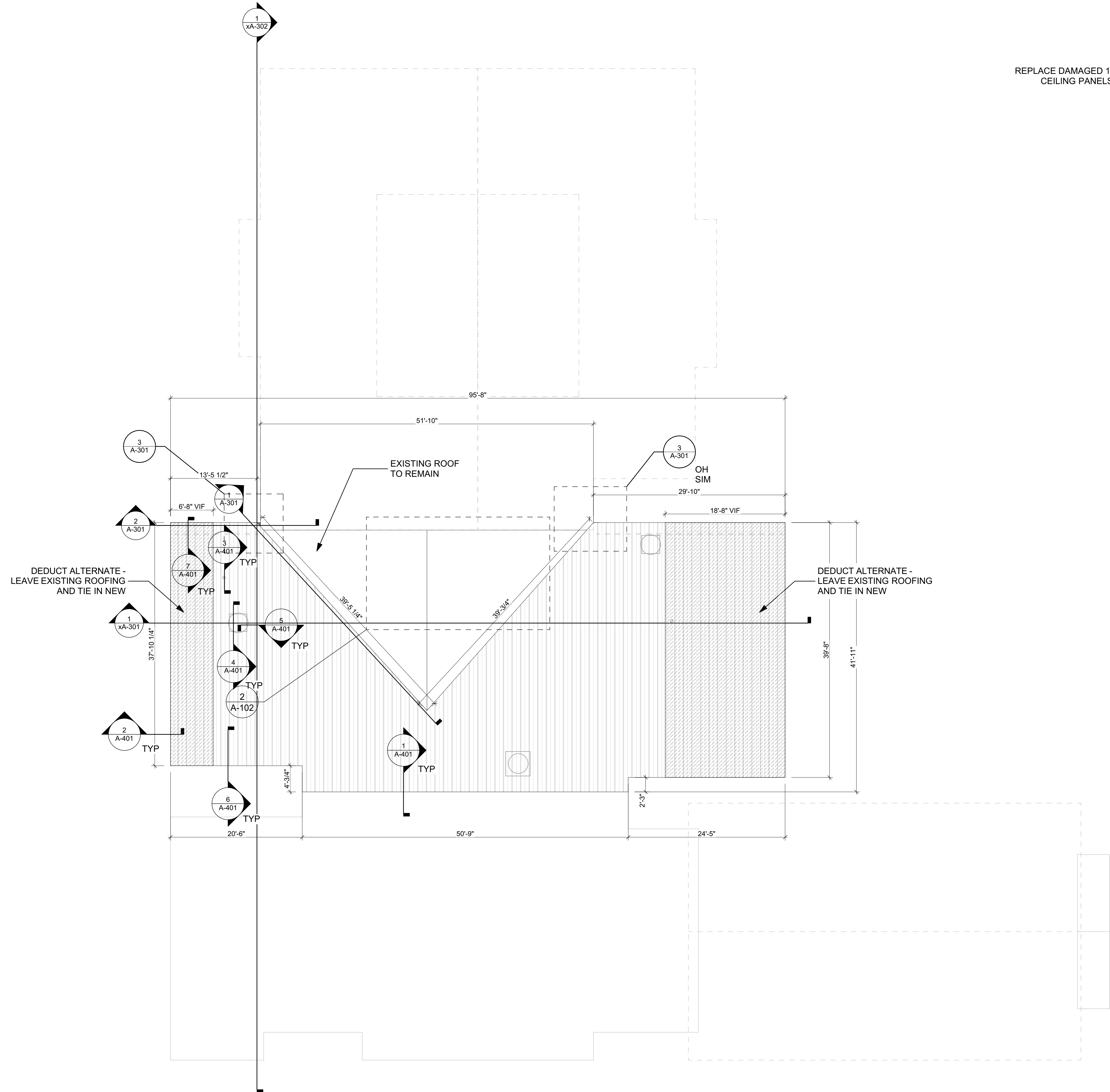
SHEET TITLE  
**ROOF DEMO PLAN**

**A-101**

ISSUED FOR BIDDING

C:\Users\miken\Horizon Architecture\Documents\Projects\General Projects\G24-039 DRF Roof Repairs.pln

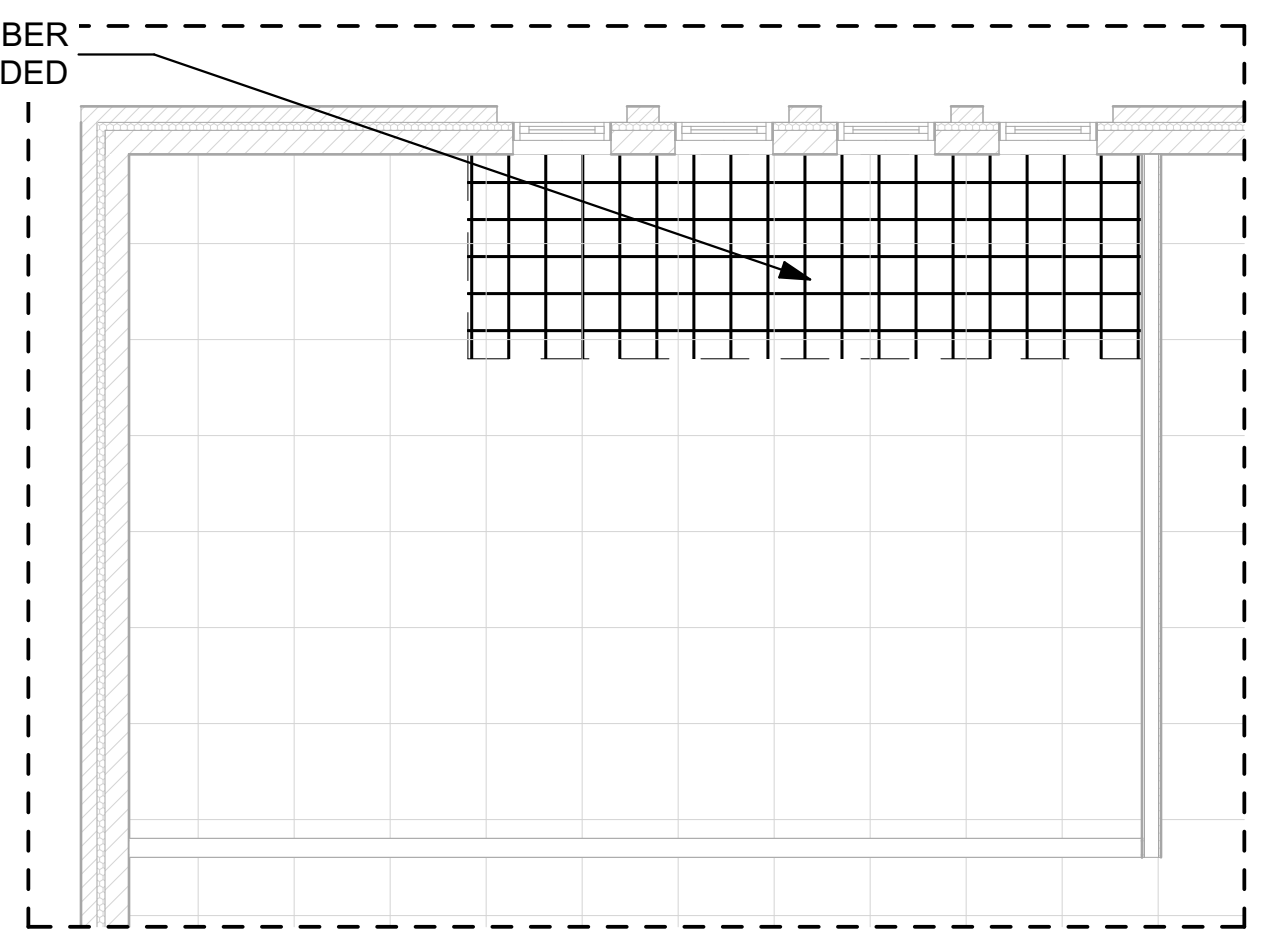
C:\Users\miken\Horizon Architecture\Documents\Projects\General Projects\G24-039 DRF Roof Repairs\1 - Model and Design\DRF Roof Repairs.pln



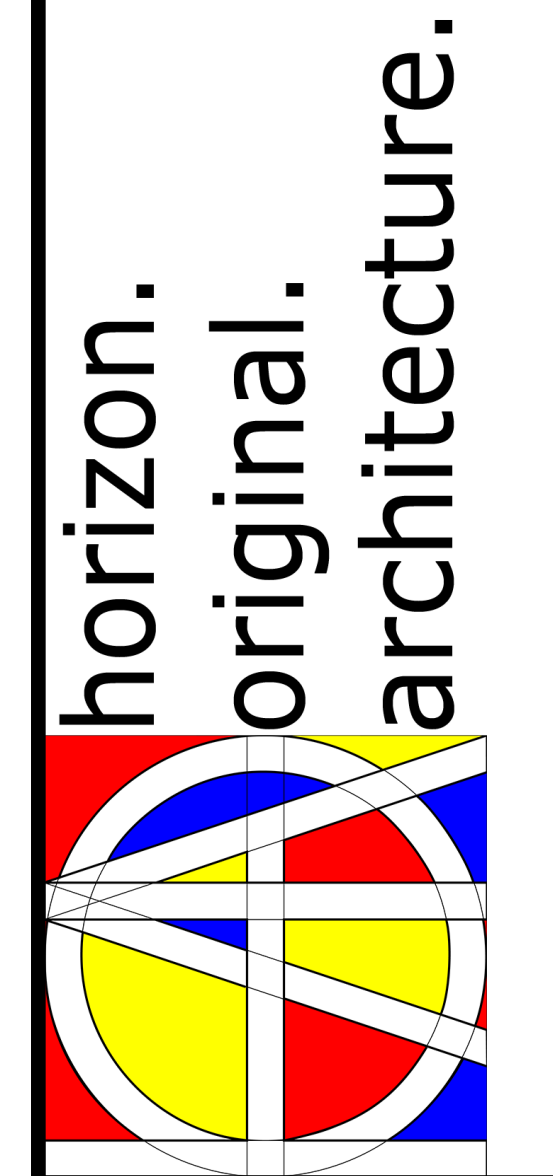
1 ROOF PLAN NEW  
SCALE: 1/8" = 1'-0"



REPLACE DAMAGED 12"X12" FIBER  
CEILING PANELS AS NEEDED



2 REFLECTED CEILING PLAN  
SCALE: 1/4" = 1'-0"



**9446.00 Dubuque Residential  
Facility Roof Repair**

1494 ELM STREET  
DUBUQUE, IA 52001

ISSUED FOR BIDDING

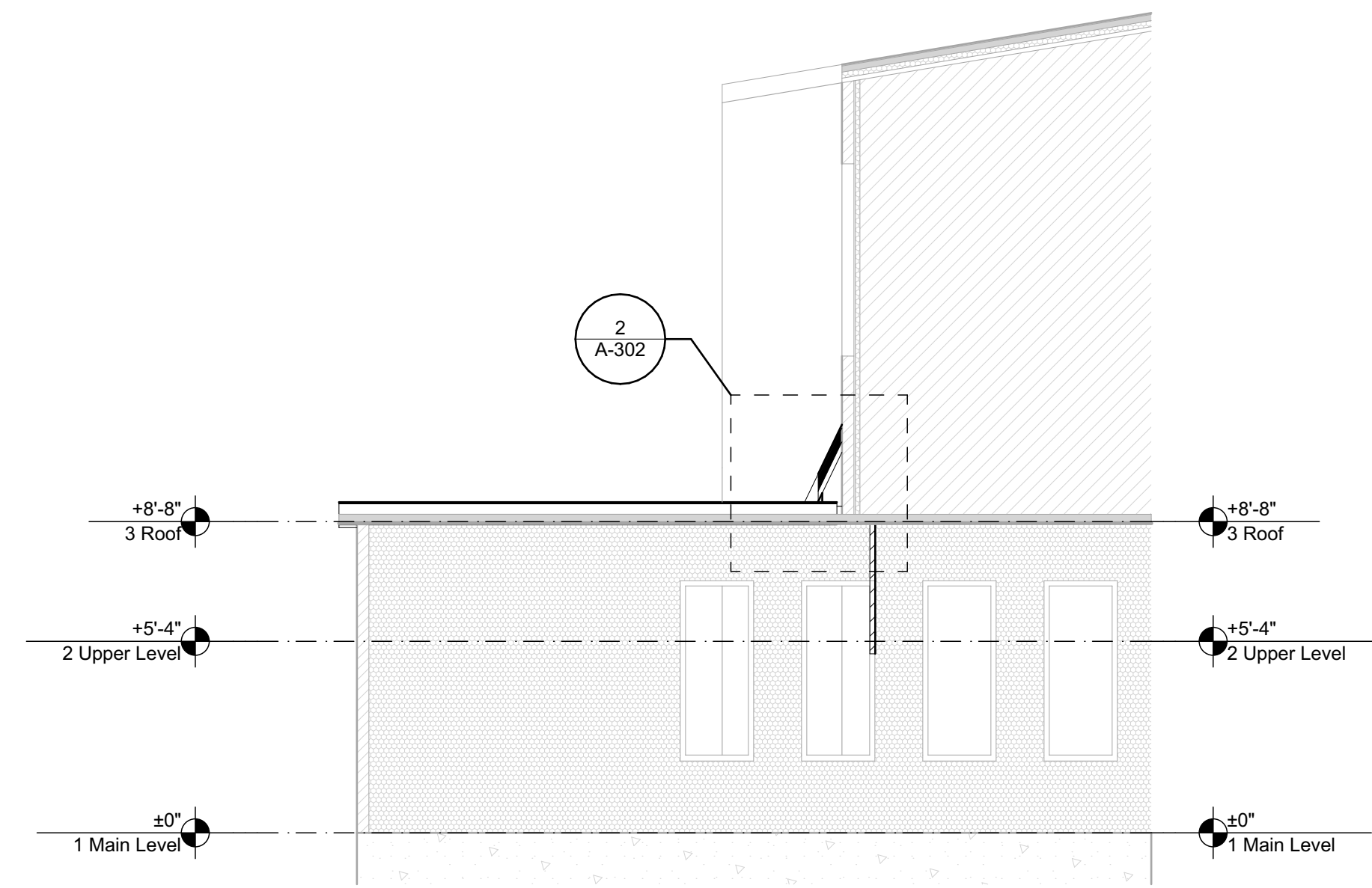
MARK	DATE	DESCRIPTION

PROJECT NO: #Pln  
DATE: 2/14/2025  
DRAWN BY: MSN  
COPYRIGHT

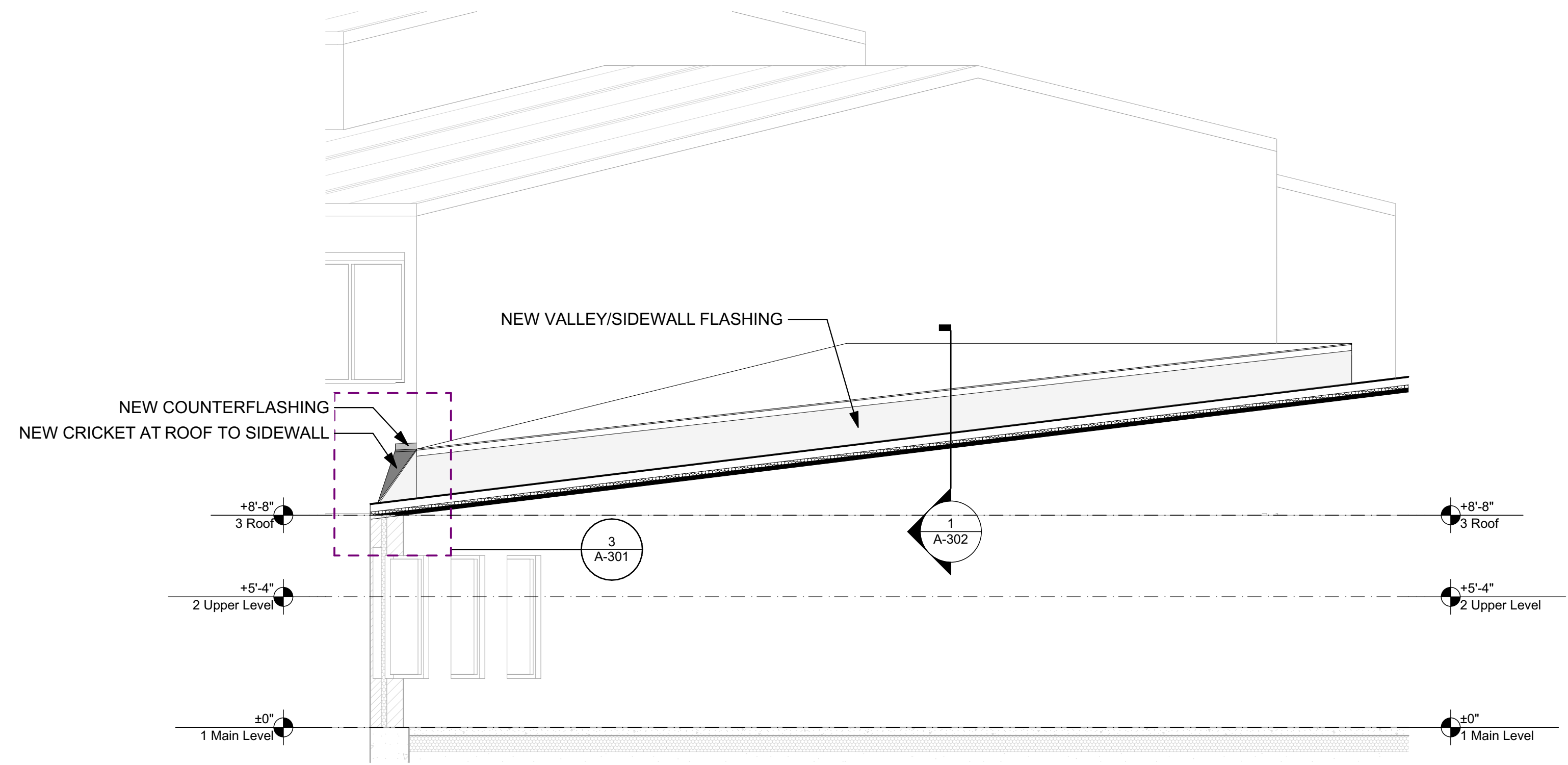
SHEET TITLE  
**ROOF NEW  
CONSTRUCTION  
PLAN**

**A-102**

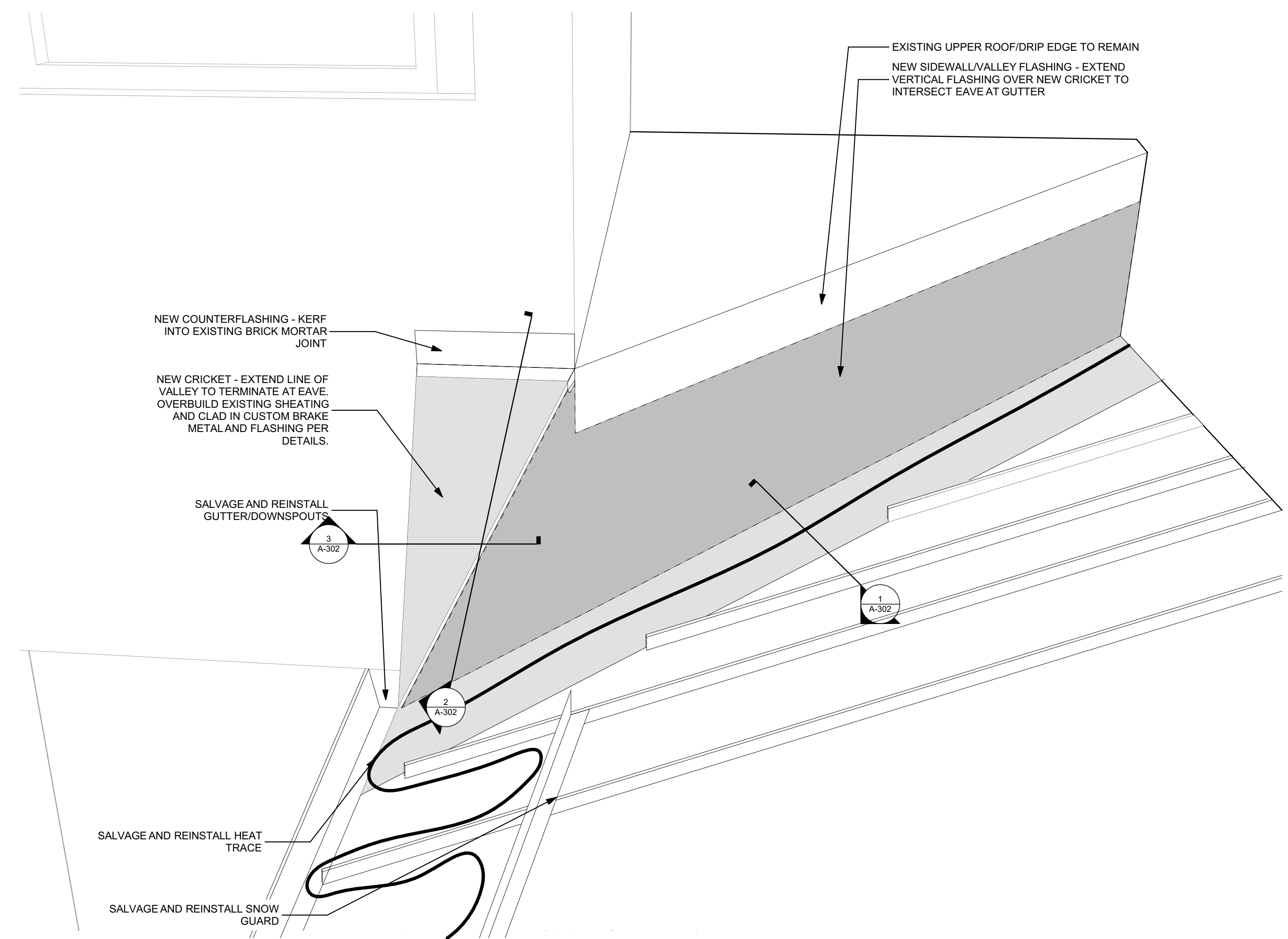
C:\Users\miken\Horizon Architecture\Horizon Architecture - Documents\Projects\General Projects\G24-039 DRF Roof Repairs\1 - Model and Design\DRF Roof Repairs.pln



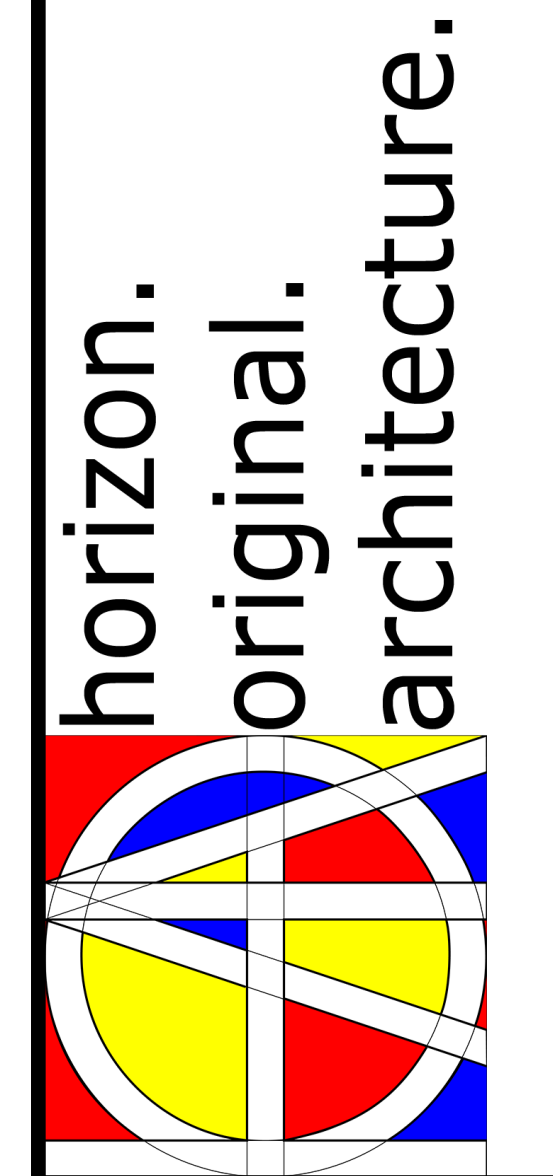
2 SECTION 3 NEW  
SCALE: 1/4" = 1'-0"



1 SECTION 4 NEW  
SCALE: 1/4" = 1'-0"



3 CRICKET PERSPECTIVE VIEW  
NOT TO SCALE



**9446.00 Dubuque Residential Facility Roof Repair**

1494 ELM STREET  
DUBUQUE, IA 52001

MARK	DATE	DESCRIPTION

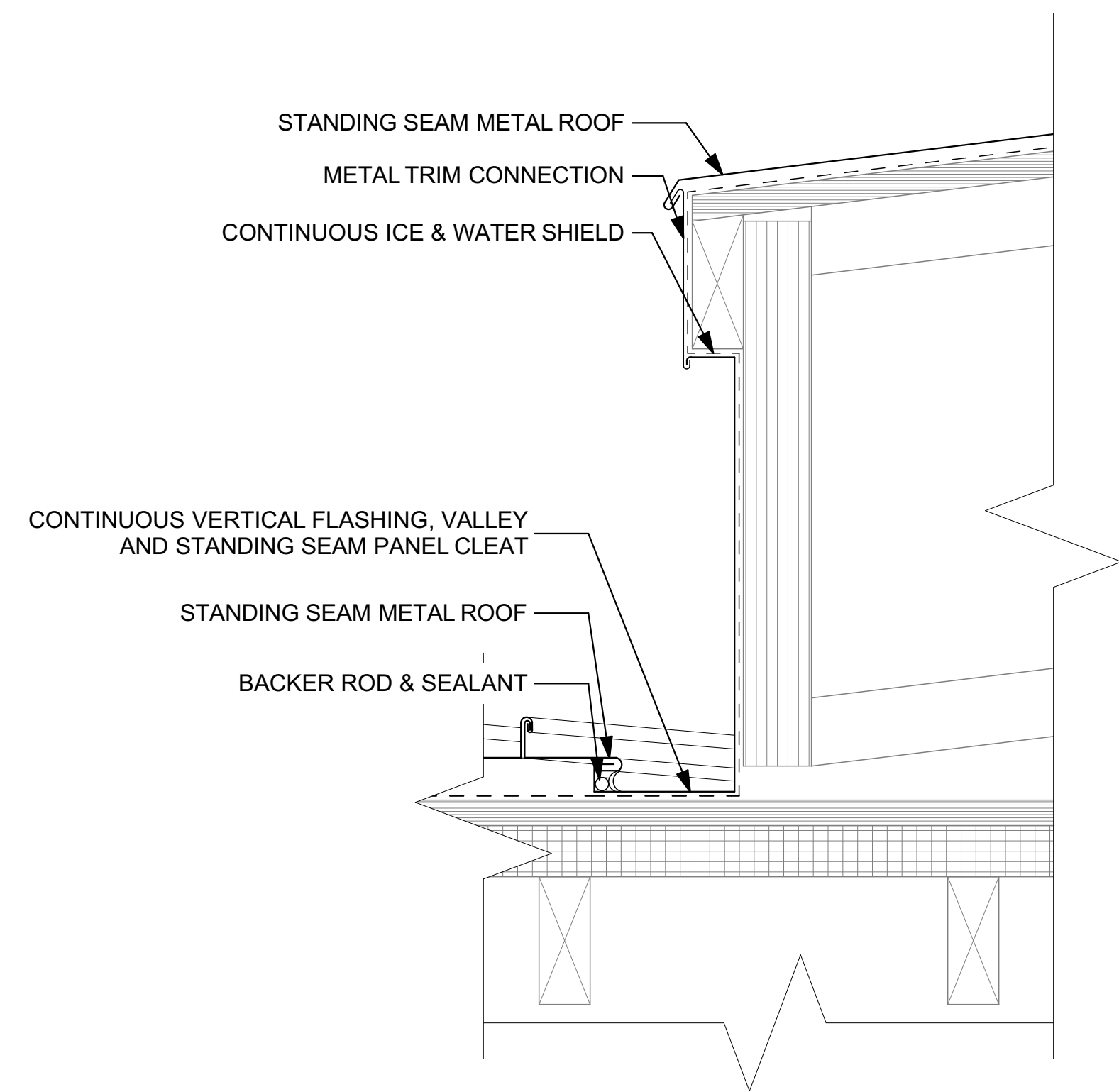
PROJECT NO: #PIn  
DATE: 2/14/2025  
DRAWN BY: MSN  
COPYRIGHT

SHEET TITLE  
**ENLARGED PLAN AND SECTIONS**

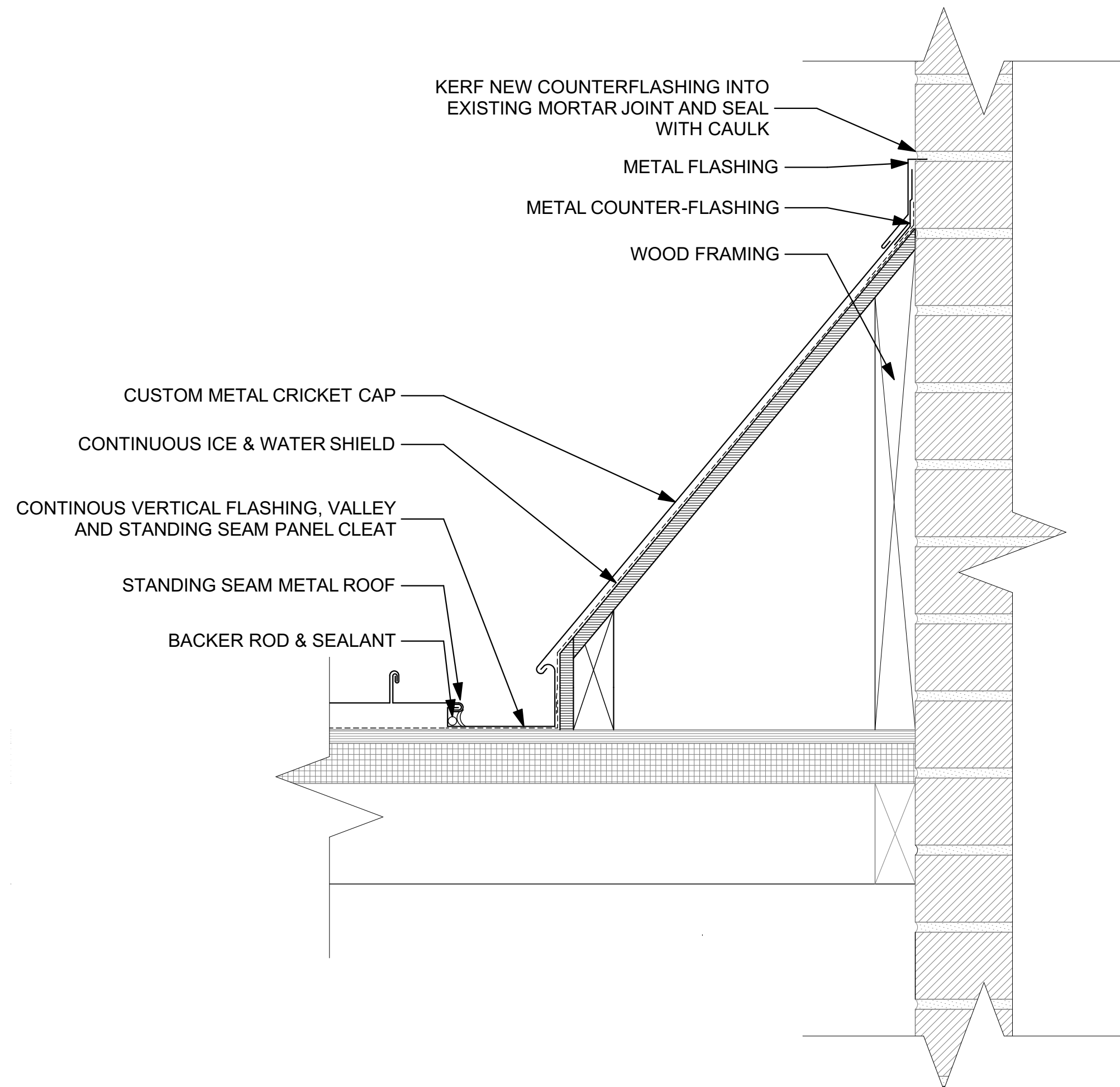
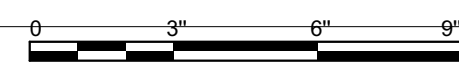
**A-301**

ISSUED FOR BIDDING

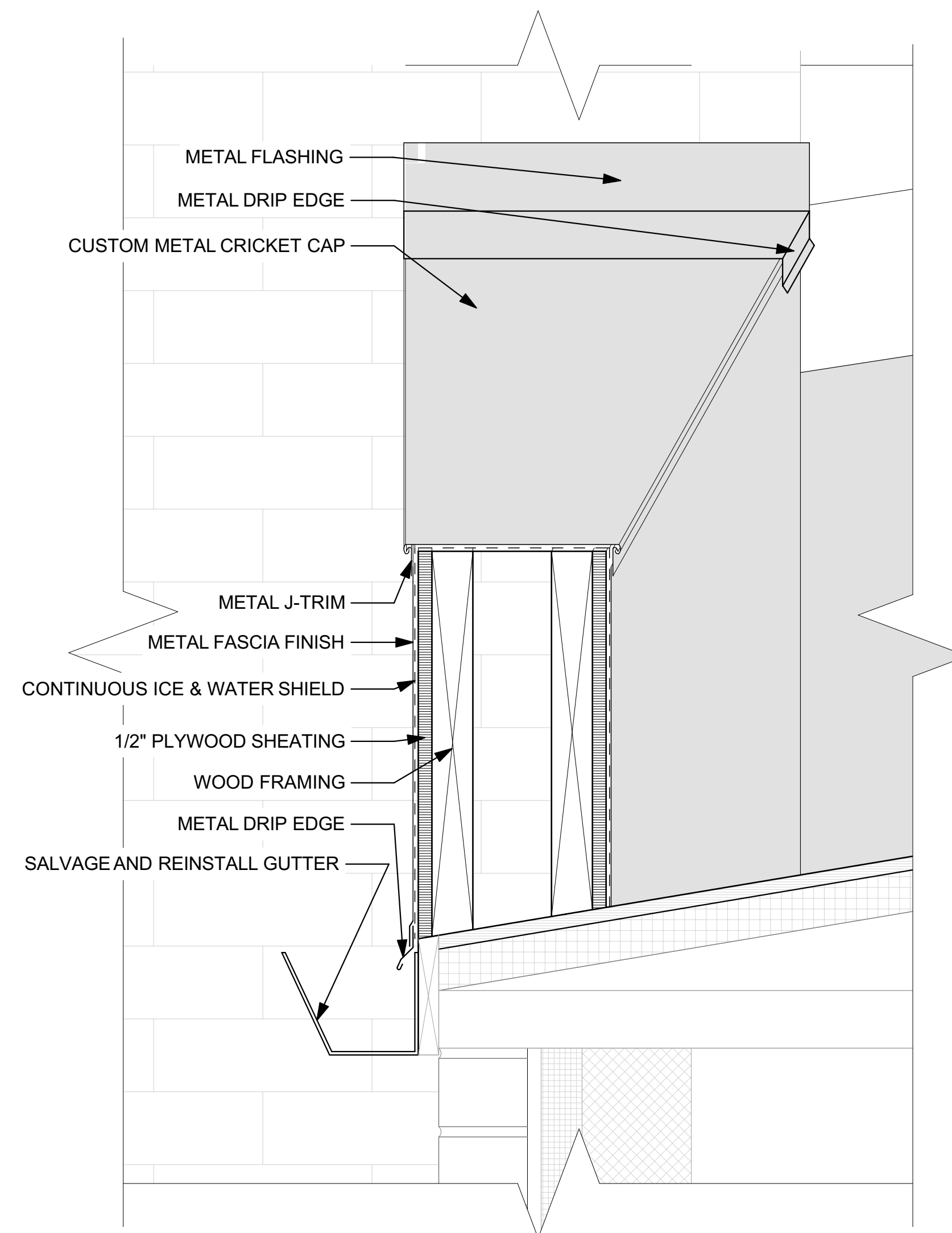
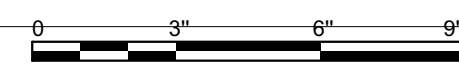
C:\Users\miken\Horizon Architecture\Horizon Architecture - Documents\Projects\General Projects\G24-039 DRF Roof Repairs\1 - Model and Design\DRF Roof Repairs.pln



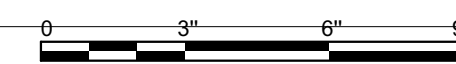
1 ROOF ADDITION CONNECTION  
SCALE: 3" = 1'-0"



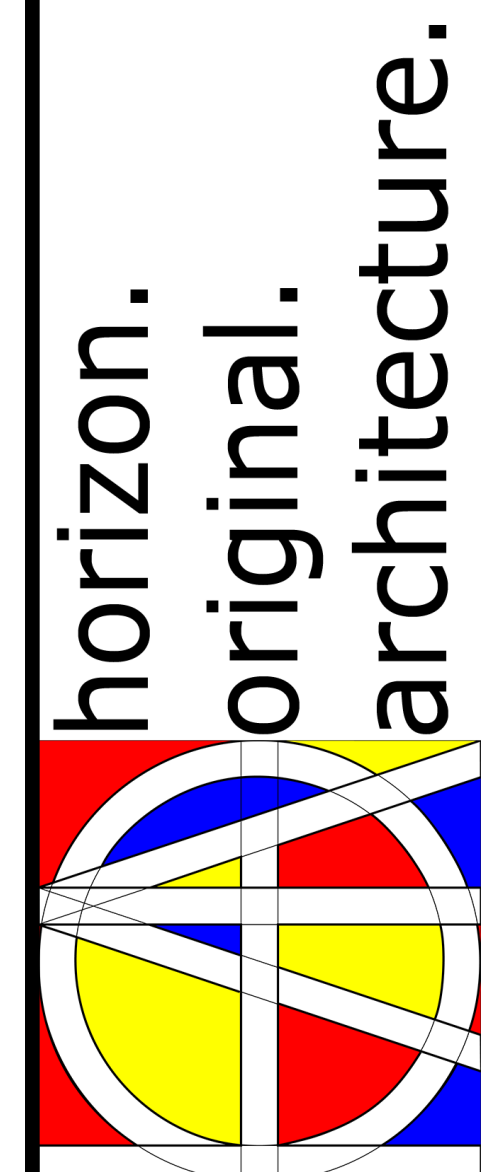
2 CRICKET SECTION DETAIL ALONG VALLEY  
SCALE: 3" = 1'-0"



3 CRICKET SECTION DETAIL  
SCALE: 3" = 1'-0"



ISSUED FOR BIDDING



9446.00 Dubuque Residential  
Facility Roof Repair

1494 ELM STREET  
DUBUQUE, IA 52001

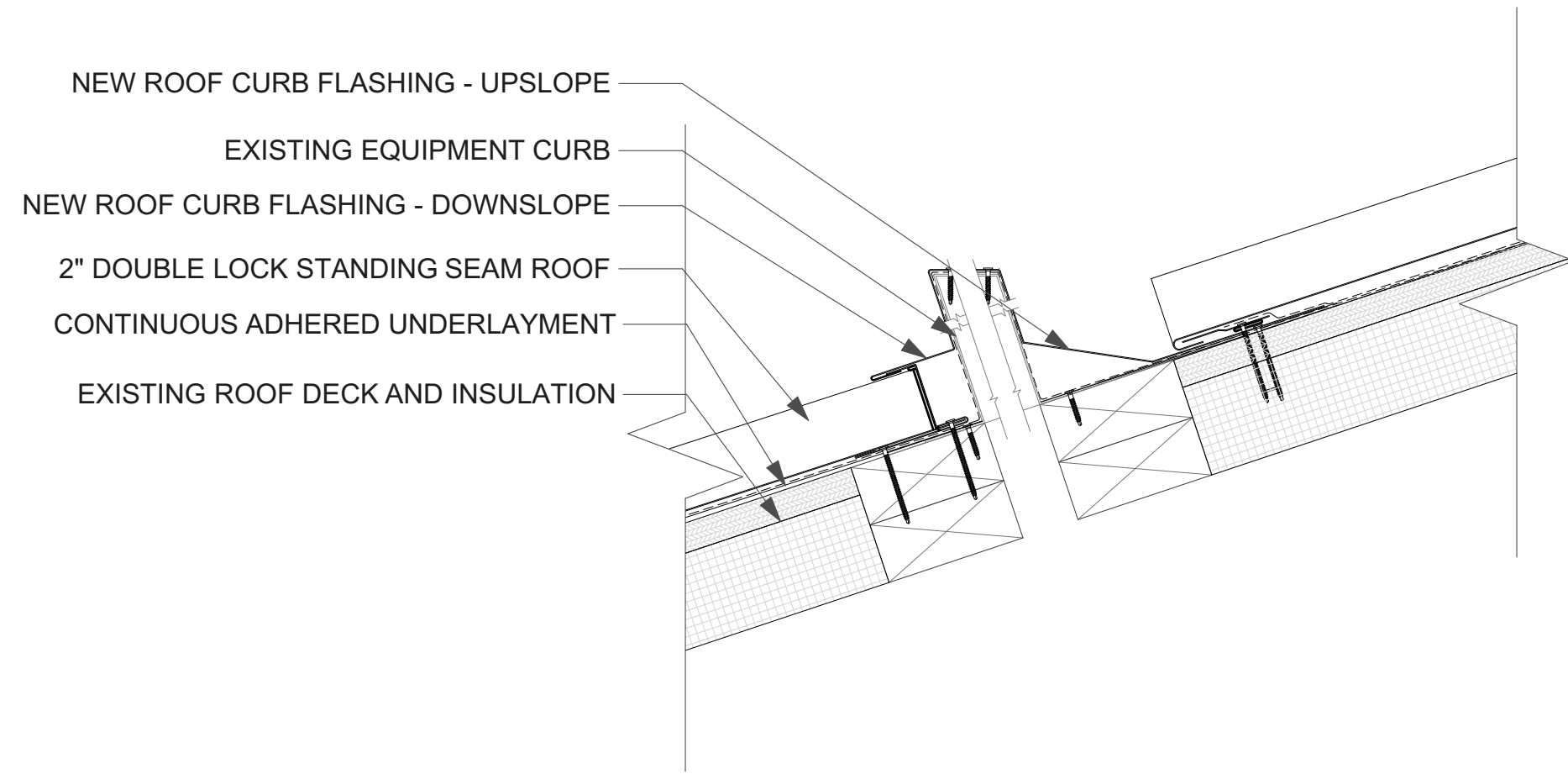
MARK	DATE	DESCRIPTION

PROJECT NO: #Pln  
DATE: 2/14/2025  
DRAWN BY: MSN  
COPYRIGHT

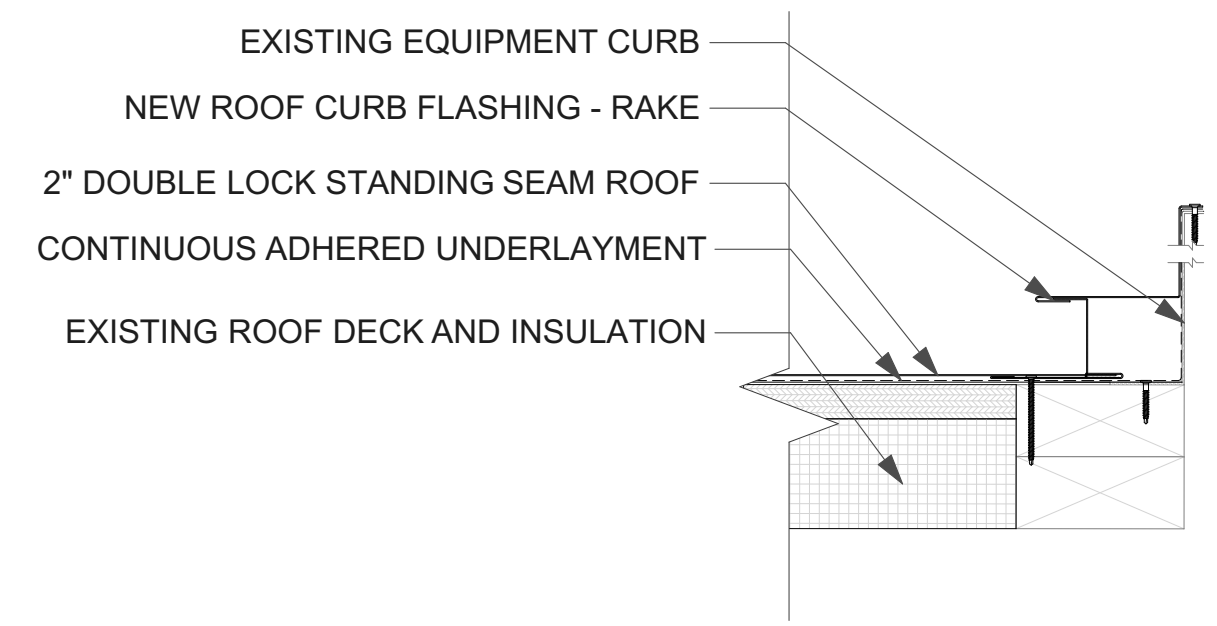
SHEET TITLE  
**CRICKET  
DETAILS**

**A-302**

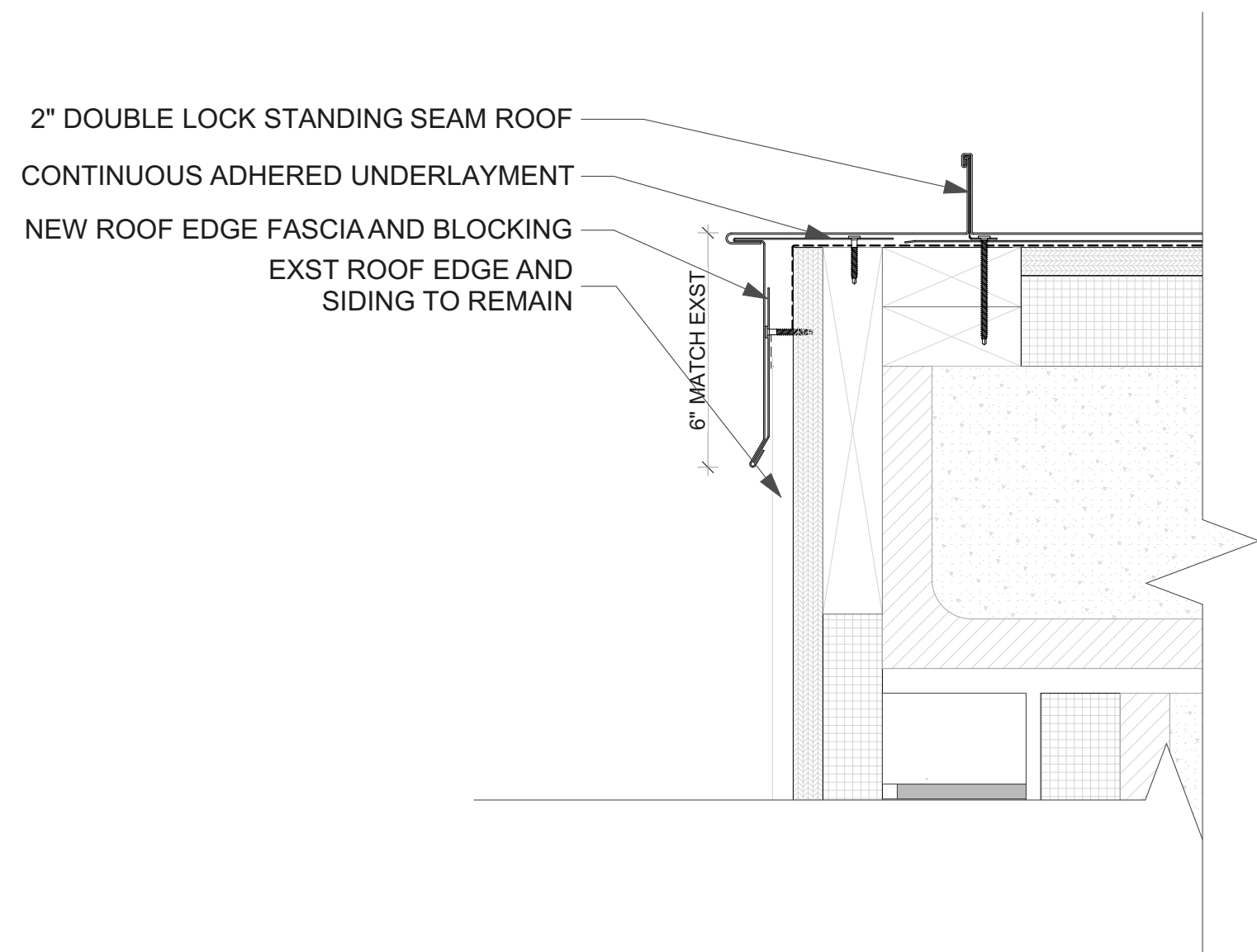
C:\Users\miken\Horizon Architecture - Documents\Projects\General Projects\G24-039 DRF Roof Repairs\1 - Model and Design\DRF Roof Repairs.pln



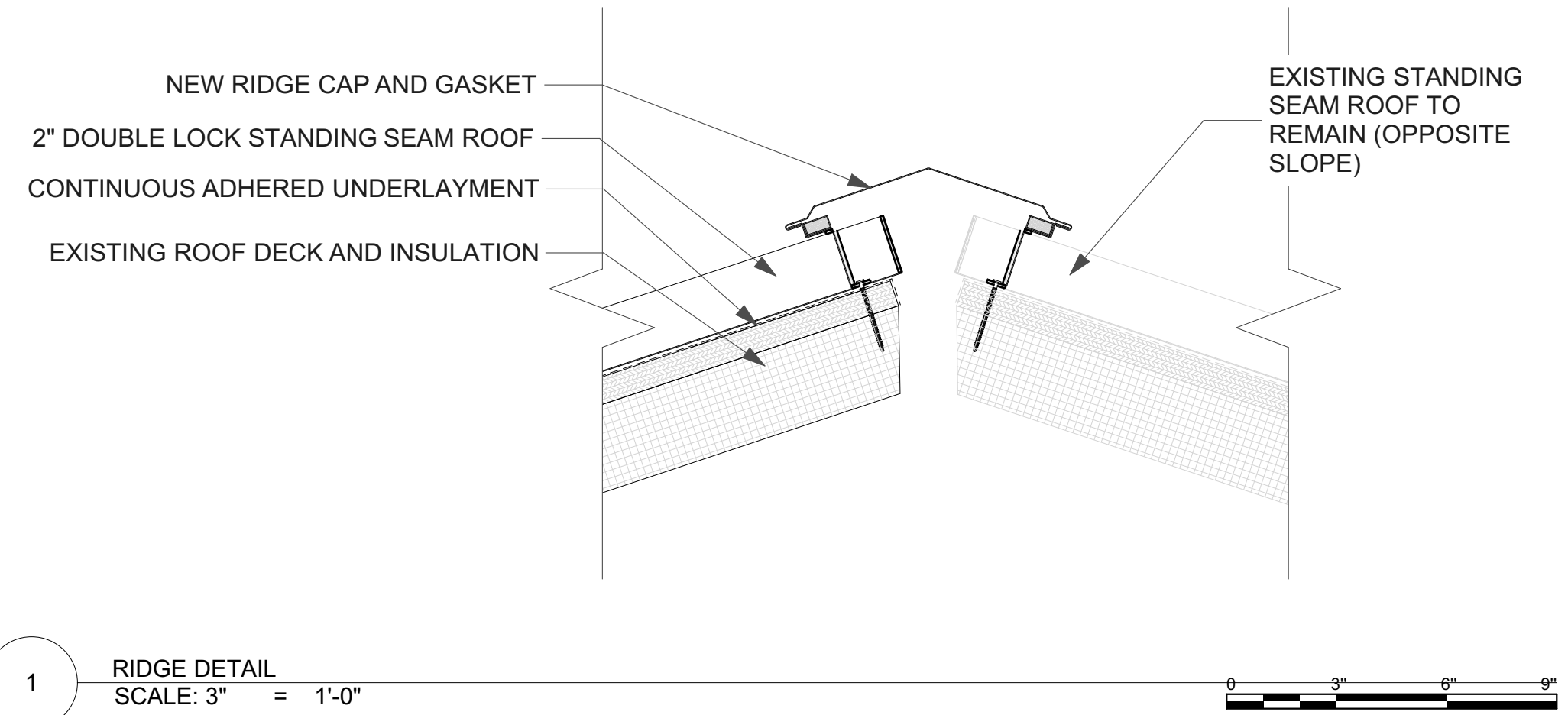
4 ROOF CURB FLASHING SLOPE DETAIL  
SCALE: 3" = 1'-0"



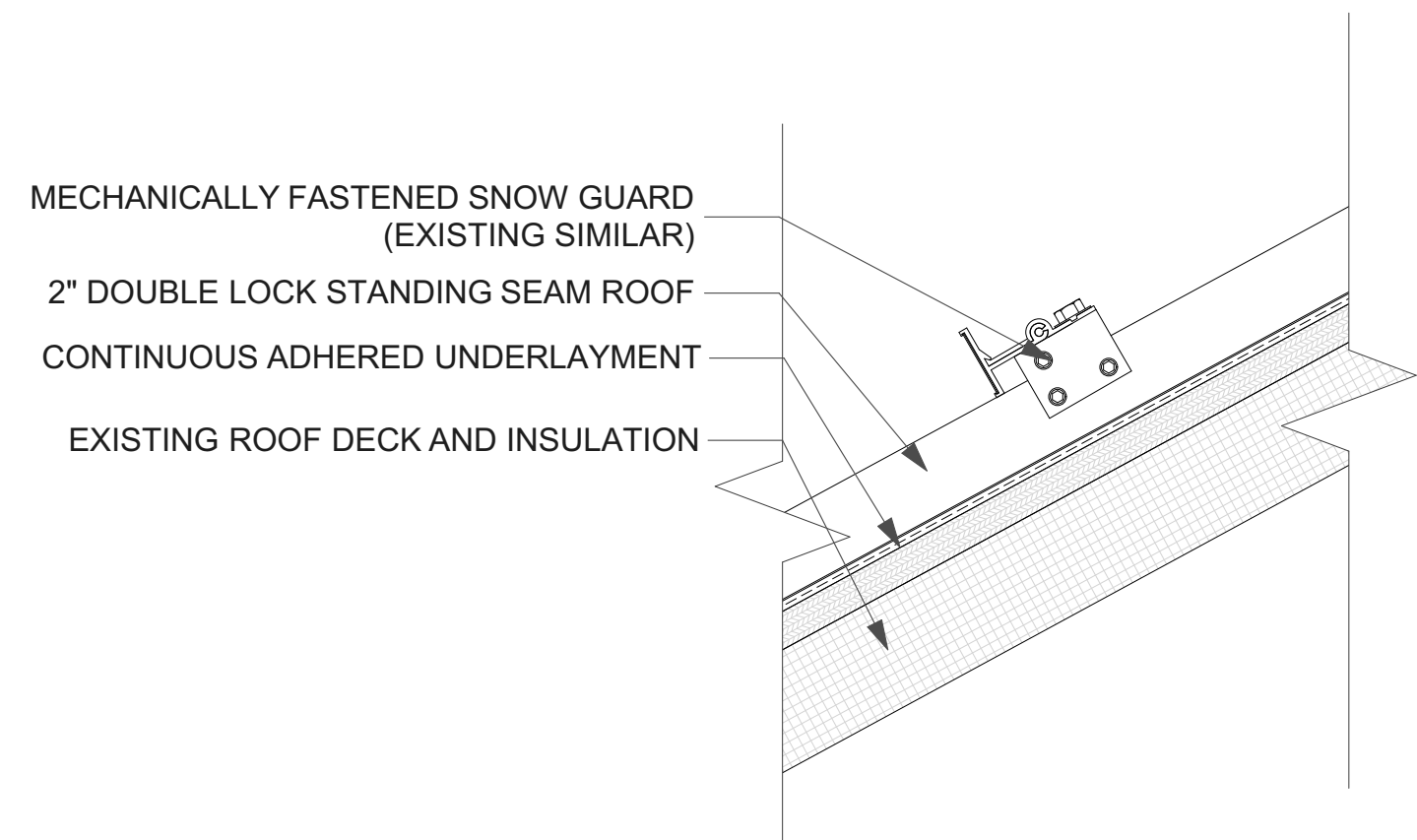
5 ROOF CURB RAKE DETAIL  
SCALE: 3" = 1'-0"



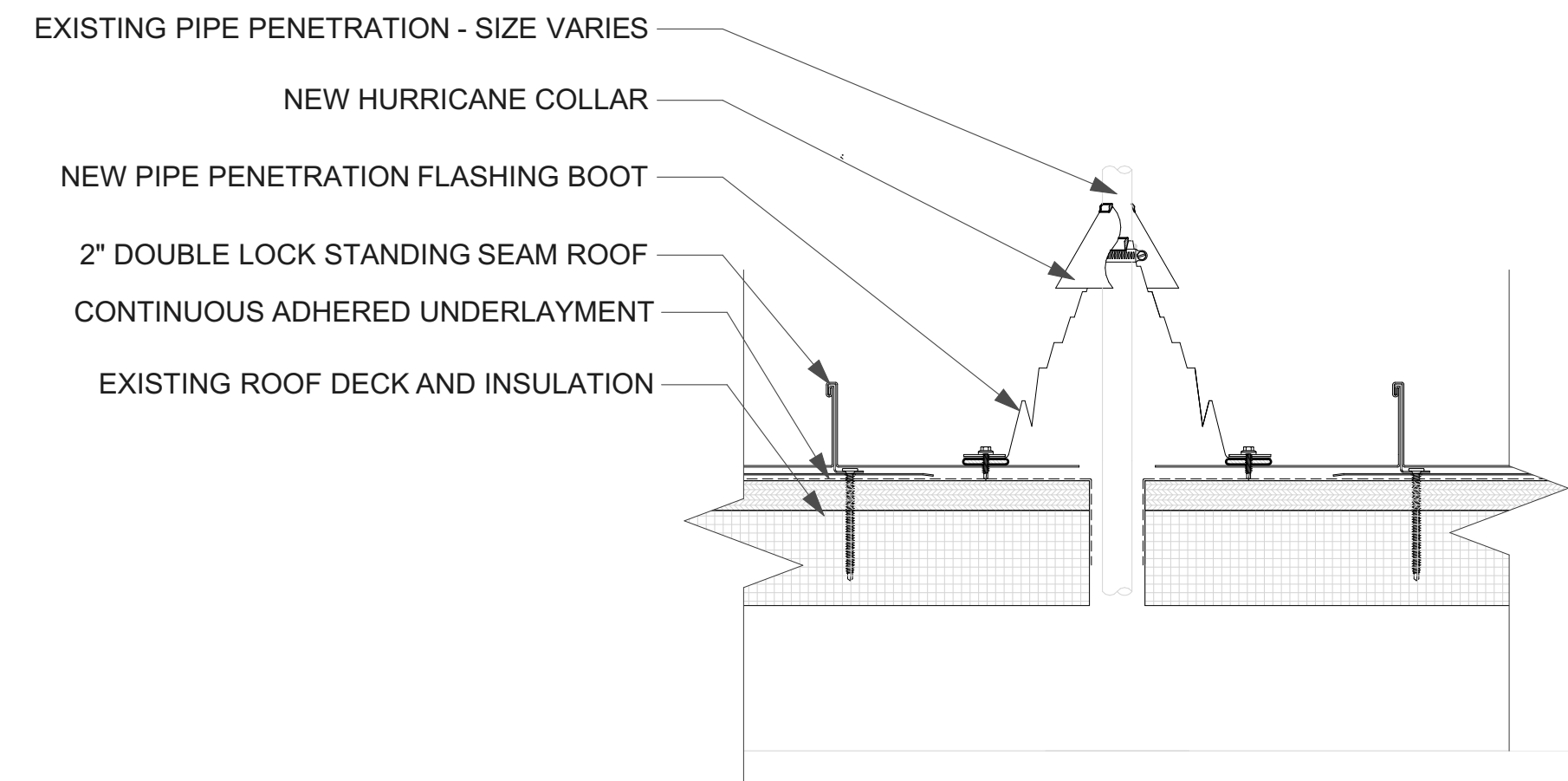
2 RAKE DETAIL  
SCALE: 3" = 1'-0"



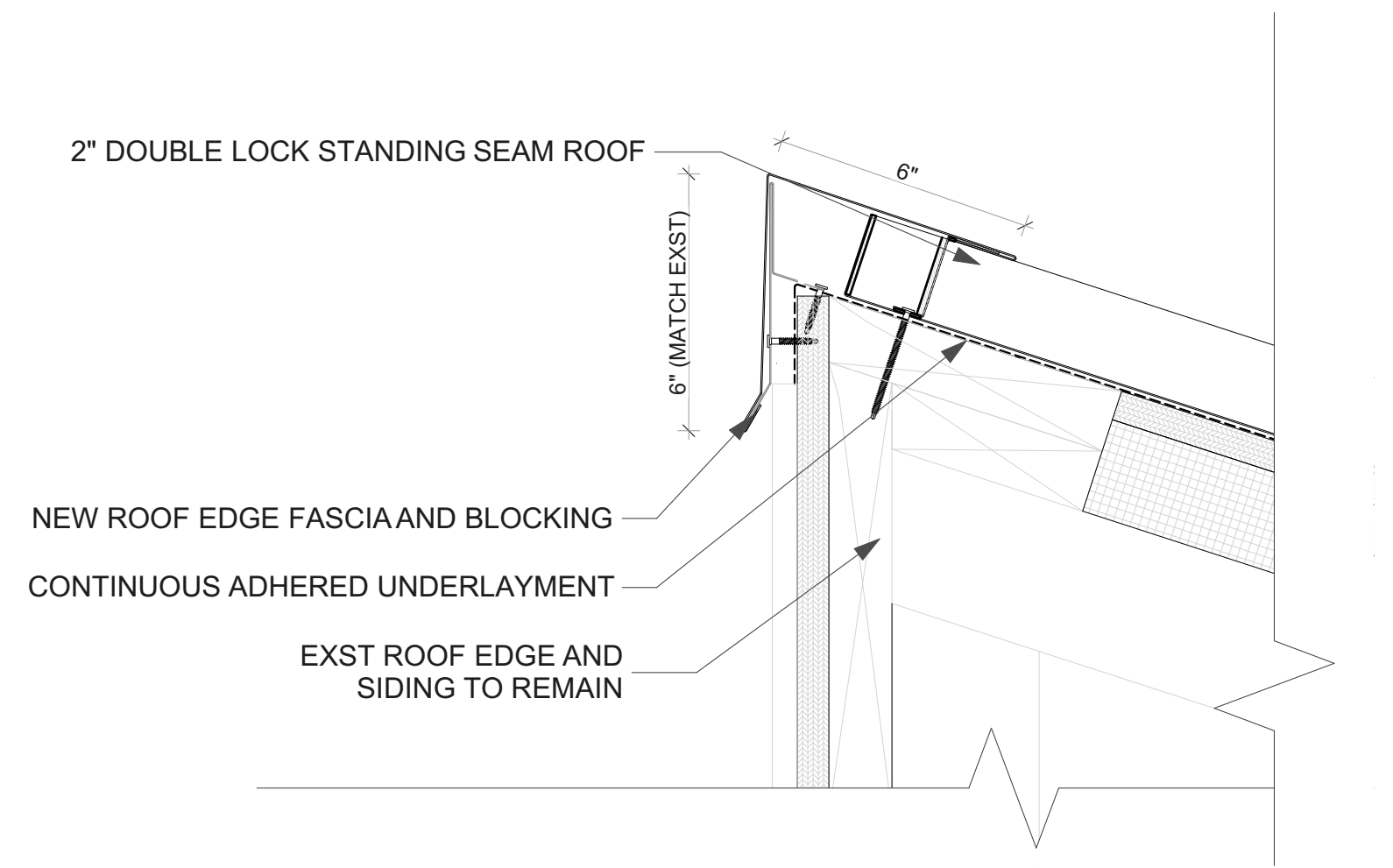
1 RIDGE DETAIL  
SCALE: 3" = 1'-0"



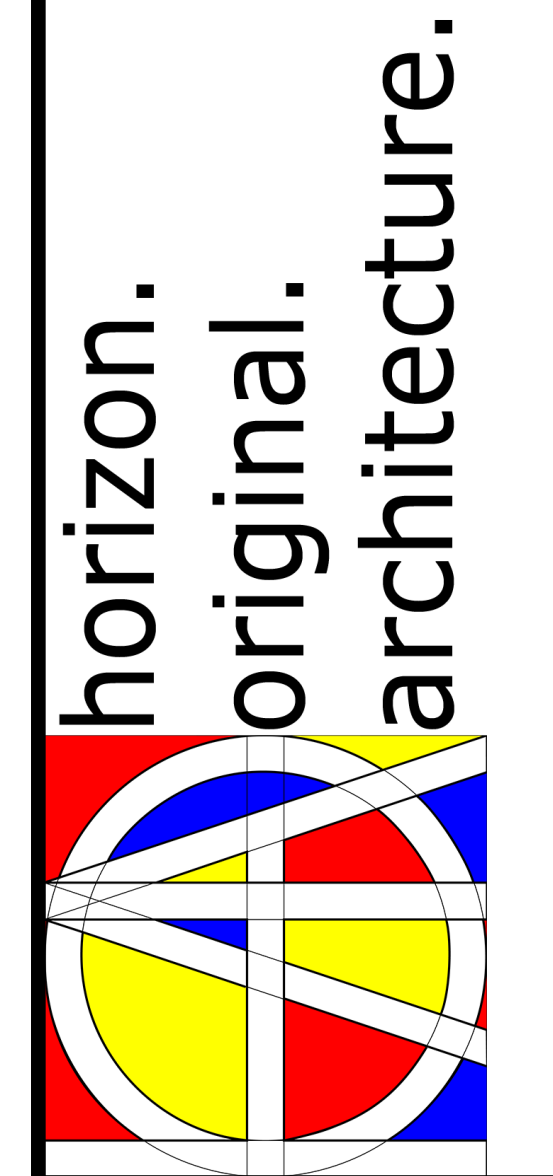
7 SNOW GUARD INSTALLATION DETAIL  
SCALE: 3" = 1'-0"



3 PIPE PENETRATION FLASHING DETAIL  
SCALE: 3" = 1'-0"



6 TOP SLOPE FASCIA DETAIL  
SCALE: 3" = 1'-0"



9446.00 Dubuque Residential Facility Roof Repair

1494 ELM STREET  
DUBUQUE, IA 52001

ISSUED FOR BIDDING

MARK	DATE	DESCRIPTION

PROJECT NO: #Pln  
DATE: 2/14/2025  
DRAWN BY: MSN  
COPYRIGHT

SHEET TITLE  
**ROOF DETAILS**

**A-401**