

CHAMPAIGN COUNTY ROOF REPLACEMENTS

HIGHWAY DEPARTMENT

1605 E Main St.
Urbana, IL 61802

ILEAS TRAINING CENTER

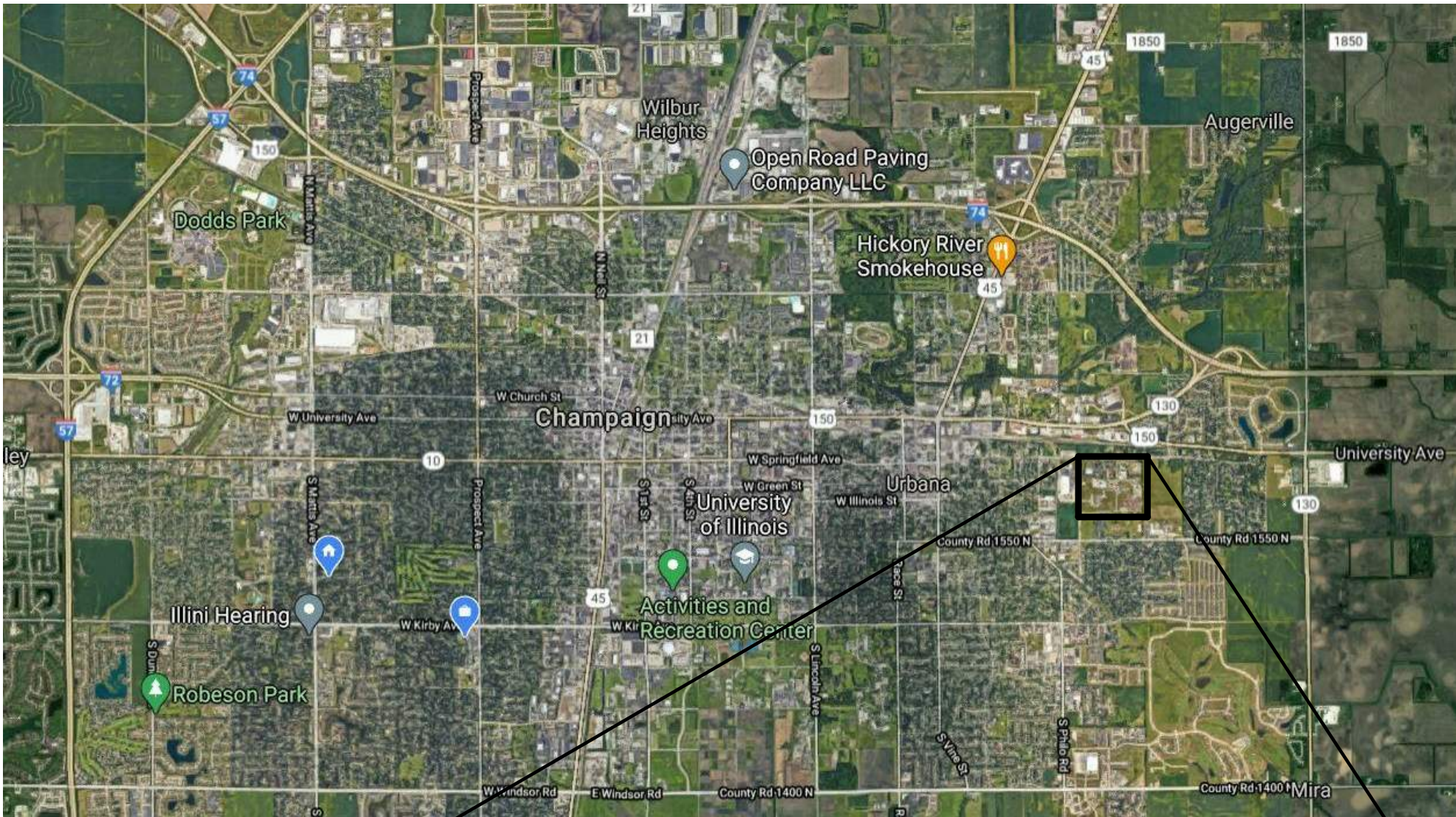
1701 E Main St.
Urbana, IL 61802

SHEET LIST	
G001	COVER SHEET, SHEET LIST, ABBREVIATIONS
BID PACKAGE 1: HIGHWAY DEPARTMENT	
A100	ROOF PLAN
A101	ROOF DETAILS
BID PACKAGE 2: ILEAS TRAINING CENTER	
A200	ROOF PLAN
A201	ROOF DETAILS

ARCHITECT:
REIFSTECK REID & COMPANY ARCHITECTS
909 ARROW ROAD
CHAMPAIGN, IL 61821
PHONE: 217.351.4100

ABBREVIATIONS

AB	ANCHOR BOLT	BTW	BETWEEN	DIM	DIMENSION	FL	FLOOR	LAM	LAMINATE	NTS	NOT TO SCALE	RCP	REFLECTED CEILING PLAN	SVT	SOLID VINYL TILE
A/C	AIR CONDITIONING	CJ	CONTROL JOINT	DN	DOWN	FT	FEET	LAV	LAVATORY	OC	ON CENTER	RD	ROOF DRAIN	SYST	SYSTEM
ACCESS	ACCESSIBLE	CL	CENTERLINE	DTL	DETAIL	FTG	FOOTING	LB	POUND	OH	OVER HEAD	REF	REFRIGERATOR	TEMP	TEMPERED, TEMPORARY
ACoust	ACOUSTICAL	CLG	CEILING	DS	DOWNSPOUT	FURN	FURNITURE	LIN	LINOLEUM	PART	PARTITION	REINF	REINFORCED	TF	TRANSPARENT FINISH
ADD	ADDENDUM	CLR	CLEAR	DWG	DRAWING	GA	GAUGE	LLH	LONG LEG HORIZONTAL	PERIM	PERIMETER	RO	ROUGH OPENING	T&G	TONGUE AND GROOVE
AFF	ABOVE FINISH FLOOR	CMU	CONCRETE MASONRY UNIT	EA	EACH	GALV	GALVANIZED	LLV	LONG LEG VERTICAL	PL	PLATE, PROPERTY LINE	REQ	REQUIRED	T/O	TOP OF
AHU	AIR HANDLING UNIT	COL	COLUMN	EIFS	EXT INSUL & FINISH SYSTEM	GC	GENERAL CONTRACTOR	MAS	MASONRY	PLAM	PLASTIC LAMINATE	RUB	RUBBER	TR	TREAD
ALT	ALTERNATE	CONC	CONCRETE	EJ	EXPANSION JOINT	GLAZ	GLAZING	MATL	MATERIAL	PLBG	PLUMBING	SAT	SCHEDULE	TYP	TYPICAL
ALUM	ALUMINUM	CONF	CONFERENCE	ELEC	ELECTRICAL	GEN	GENERAL	MAX	MAXIMUM	PLF	POUNDS PER LINEAR FOOT	SCHD	SCHEDULE	UN	UNLESS OTHERWISE NOTED
APPROX	APPROXIMATE	CONST	CONSTRUCTION	EL	ELEVATION	GWB	GYP SUM BOARD	MECH	MECHANICAL	PLWD	PLYWOOD	SECT	SECTION	VEST	VESTIBULE
@	AT	CONT	CONTINUOUS	PNT	PAIN	H	HIGH	MFR	MANUFACTURER	CON	CONCRETE	STOR	STORAGE	VERT	VERTICAL
BB	BOTTOM OF BEAM	CORR	CORRIDOR	EQ	EQUAL	HDWR	HARDWARE	MIN	MINIMUM	POLY	POLYETHYLENE	SHT	SHEET	VIF	VERIFY IN FIELD
BF	BOTTOM OF FOOTING	CPT	CARPET	EQ	EQUAL	HM	HOLLOW METAL	MIR	MIRROR	POLYISO	POLYISOCYANURATE	SIM	SIMILAR	VCT	VINYL COMPOSITION TILE
BD	BOARD	CT	CERAMIC TILE	EQUIP	EQUIPMENT	HORIZ	HORIZONTAL	MISC	MISCELLANEOUS	PR	PAIR	SOG	SLAB ON GRADE	VS	VINYL STRIP FLOORING
BKT	BRACKET	CYL	CYLINDER	EXIST	EXISTING	HT	HEIGHT	MJ	MOVEMENT JOINT	PSF	POUNDS PER SQUARE FOOT	SPEC	SPECIFICATION	W	WIDE
BLDG	BUILDING	D	DEPTH, DEEP	EXT	EXTERIOR	HVAC	HEATING, VENTILATING, A/C	MO	MASONRY OPENING	PSI	POUNDS PER SQUARE INCH	STD	STANDARD	W/	WITH
BLKG	BLOCKING	DBL	DOUBLE	FBO	FURNISHED BY OTHERS	IN	INCH	MTL	METAL	PT	PRESSURE TREATED	STL	STEEL	WDW	WINDOW
BM	BENCH MARK	DEG	DEGREE	FD	FLOOR DRAIN	INSUL	INSULATION	N/A	NOT APPLICABLE	PVC	POLYVINYL CHLORIDE	STRUC	STRUCTURE (STRUCTURAL)	WH	WATER HEATER
B/O	BOTTOM OF	DEMO	DEMOLITION	FE	FIRE EXTINGUISHER	INT	INTERIOR	NIC	NOT IN CONTRACT	QT	QUARRY TILE	SUSP	SUSPENDED	W/O	WITHOUT
BOT	BOTTOM	DF	DRINKING FOUNTAIN	FF	FINISH FLOOR	JAN	JANITOR	NO	NUMBER	R	RADIUS, RISER			WWF	WELDED WIRE FABRIC
BRG	BEARING	DIA	DIAMETER	FIN	FINISH	L	ANGLE	NOM	NOMINAL	RB	RESILIENT BASE				



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REVISIONS		
No.	Date	Description

CHAMPAIGN COUNTY ROOF REPLACEMENTS

ISSUED FOR BID

COVER SHEET, SHEET LIST, ABBREVIATIONS

DATE	SHEET
04.08.21	G001
PROJECT	202106

- GENERAL NOTES**
- DIMENSIONS ARE TO EDGE OF ROOF PARAPET. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS & DIMENSIONS SHOWN ON PLANS PRIOR TO START OF WORK. NOTIFY ARCHITECT OF DISCREPANCIES.
 - DO NOT SCALE DIMENSIONS OFF DRAWINGS. USE WRITTEN OR CALCULATED DIMENSIONS. MISSING DIMENSIONS, OR DIMENSIONS NOT APPARENT, SHALL BE VERIFIED WITH ARCHITECT.
 - MAINTAIN A SECURE AND WATERTIGHT ENCLOSURE.
 - COORDINATE DEMOLITION AND PHASING EFFORTS WITH THE ARCHITECT + OWNER'S REPRESENTATIVE. EVERY EFFORT SHALL BE MADE TO MINIMIZE DISRUPTION OF OWNER'S OPERATION AND TO PROVIDE BUILDING USER'S SAFETY.
 - REMOVE EXISTING ROOFING, PLUMBING, ELECTRICAL, AND MECHANICAL ELEMENTS, ETC. AS REQUIRED TO EXECUTE DEMOLITION & CONSTRUCTION WORK DESCRIBED ON DRAWINGS.
 - THE OWNER SHALL RESERVE THE RIGHT TO SALVAGE ANY MATERIALS.
 - PROVIDE RUBBERIZED PIPE SUPPORTS UNDER ALL GAS PIPING.
 - ROOF LADDER - REMOVE RUST FROM SURFACE. PRIME AND PAINT.

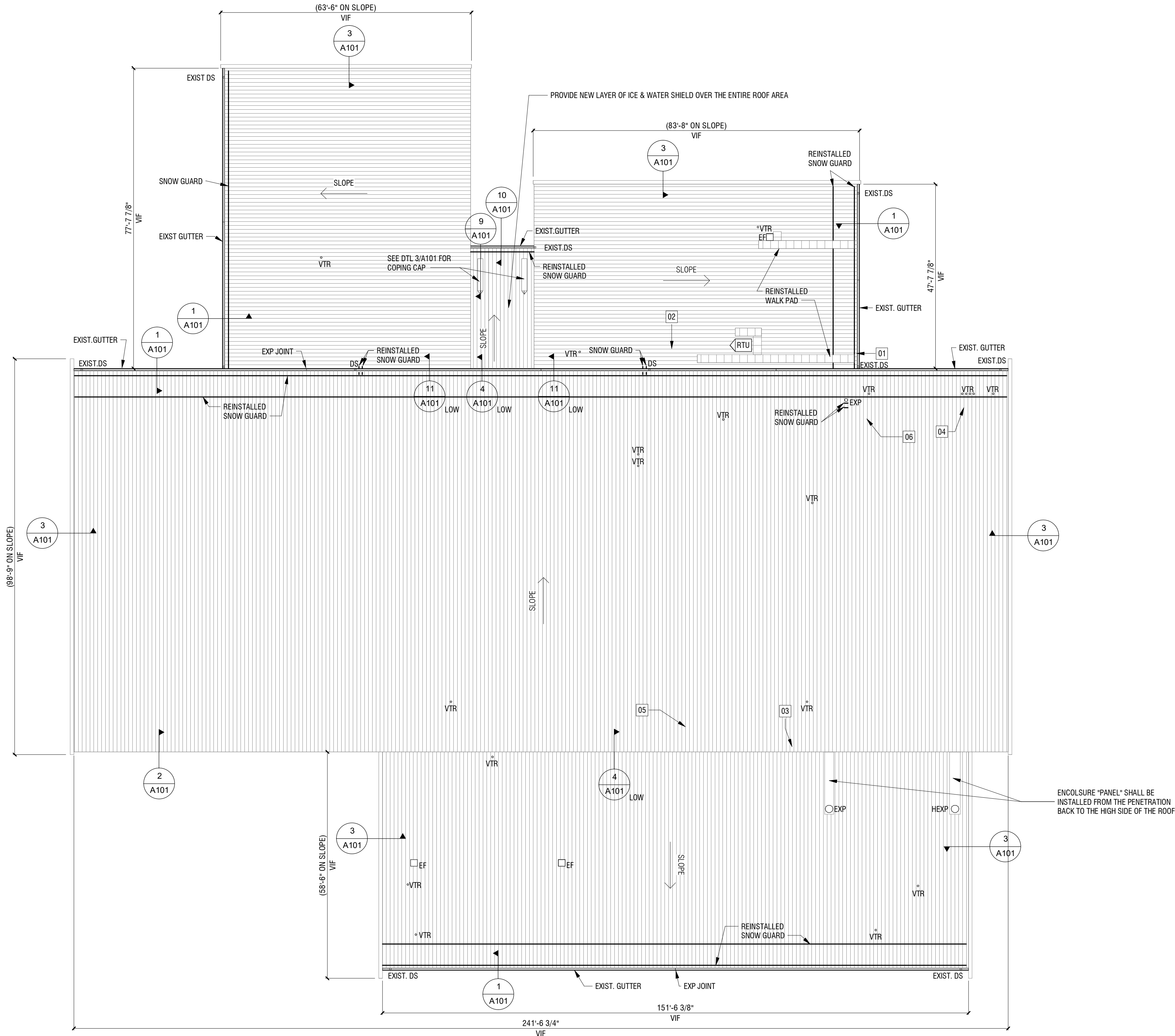
- ROOF NOTES**
- REMOVE ENTIRE ROOF SYSTEM - METAL ROOF PANELS, COUPING CAP, FLASHING, COUNTER FLASHING, FASCIA - IN THEIR ENTIRETY UNLESS OTHERWISE NOTED. PROVIDE AND INSTALL NEW ROOF SYSTEM TO MATCH EXISTING.
 - PROVIDE PROTECTION FOR EXISTING BUILDING MATERIALS & EQUIPMENT FROM DAMAGE DUE TO DEMOLITION OR CONSTRUCTION-RELATED INCIDENT PERFORMED UNDER THIS CONTRACT.
 - ALL GUTTERS AND DOWNSPOUTS ARE TO BE REMOVED + REINSTALLED AS REQUIRED TO PERFORM WORK.
 - DOWNSPOUTS THAT EXTEND TO ROOF BELOW THE DISCHARGE TO OCCUR TOWARDS THE LOW SIDE OF THE ROOF SLOPE
 - AT PENETRATIONS THAT OCCUR AT A STANDING SEAM AN ENCLOSURE "PANEL" SHALL BE INSTALLED FROM THE PENETRATION BACK TO THE HIGH SIDE OF THE ROOF. SEE IMAGES 3 AND 5 AS EXAMPLE. DEPENDING ON INSTALLED PANEL LAYOUT THE PENETRATIONS COULD OCCUR AT MORE OR DIFFERENT LOCATIONS THAN THOSE EXISTING.
 - ROOFWALK PLANKS SHALL BE REMOVED AND REINSTALLED AT SAME LOCATION. SEE IMAGE 1 AS AN EXAMPLE OF EXISTING WALK PLANK.
 - SNOW GUARDS SHALL BE REMOVED AND REINSTALLED AT THE SAME LOCATION AND AS SHOWN ON ROOF PLAN. SEE IMAGE 4 AND 6 AS AN EXAMPLE OF SNOW GUARD.
 - CONTRACTOR TO VERIFY LOCATION, SIZES AND QUANTITIES OF ROOF PENETRATIONS AND EQUIPMENT PRIOR TO BIDDING.
 - CONTRACTOR TO DISCONNECT PLUMBING + ELECTRICAL CONNECTIONS FOR SUPPLY FANS, EXHAUST FANS, AND OTHER MECHANICAL EQUIPMENT. REMOVE FANS AND EQUIPMENT, AND RETAIN FOR REINSTALLATION AFTER NEW ROOF IS INSTALLED.
 - RESET ALL MECHANICAL UNITS AND FANS IN THE SAME PLACE ONCE ROOFING INSTALLATION IS COMPLETED. RE-CONNECT PLUMBING + ELECTRICAL CONNECTIONS FOR SUPPLY FANS, EXHAUST FANS AND MECHANICAL EQUIPMENT.
 - PROVIDE NEW SEALANT AT PRECAST WALL PANEL JOINTS THAT ARE DISTURBED BY FLASHING WORK.

SYMBOL LEGEND

IMAGE NUMBER REFERENCE

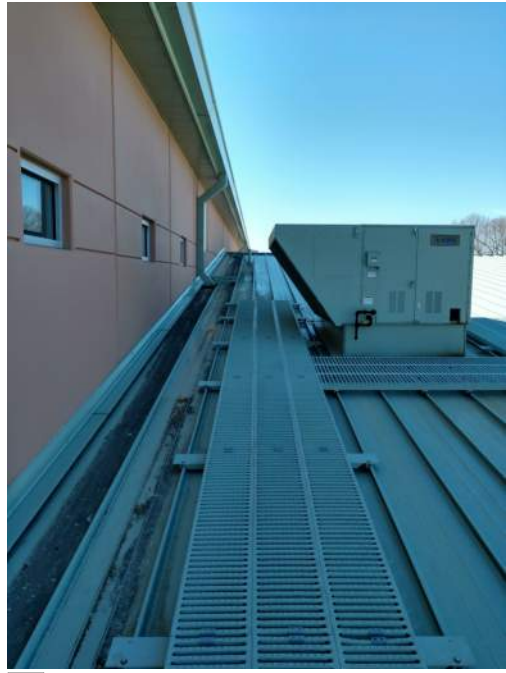
Roof Penetration Schedule

MARK	TYPE	DETAIL
VTR	VENT STACK	8/A101
EF	EXHAUST FAN	7/A101
RTU	ROOF TOP UNIT	5/A101
EXP	EXHAUST STACK	7/A101
HEXP	HOT EXHAUST STACK	7/A101



1
A100
ROOF PLAN
1/16\" = 1'-0"

EXISTING IMAGES FOR REFERENCE



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**CHAMPAIGN
COUNTY ROOF
REPLACEMENTS**

**HIGHWAY
DEPARTMENT**

1605 E Main St.
Urbana, IL 61802

ISSUED FOR BID

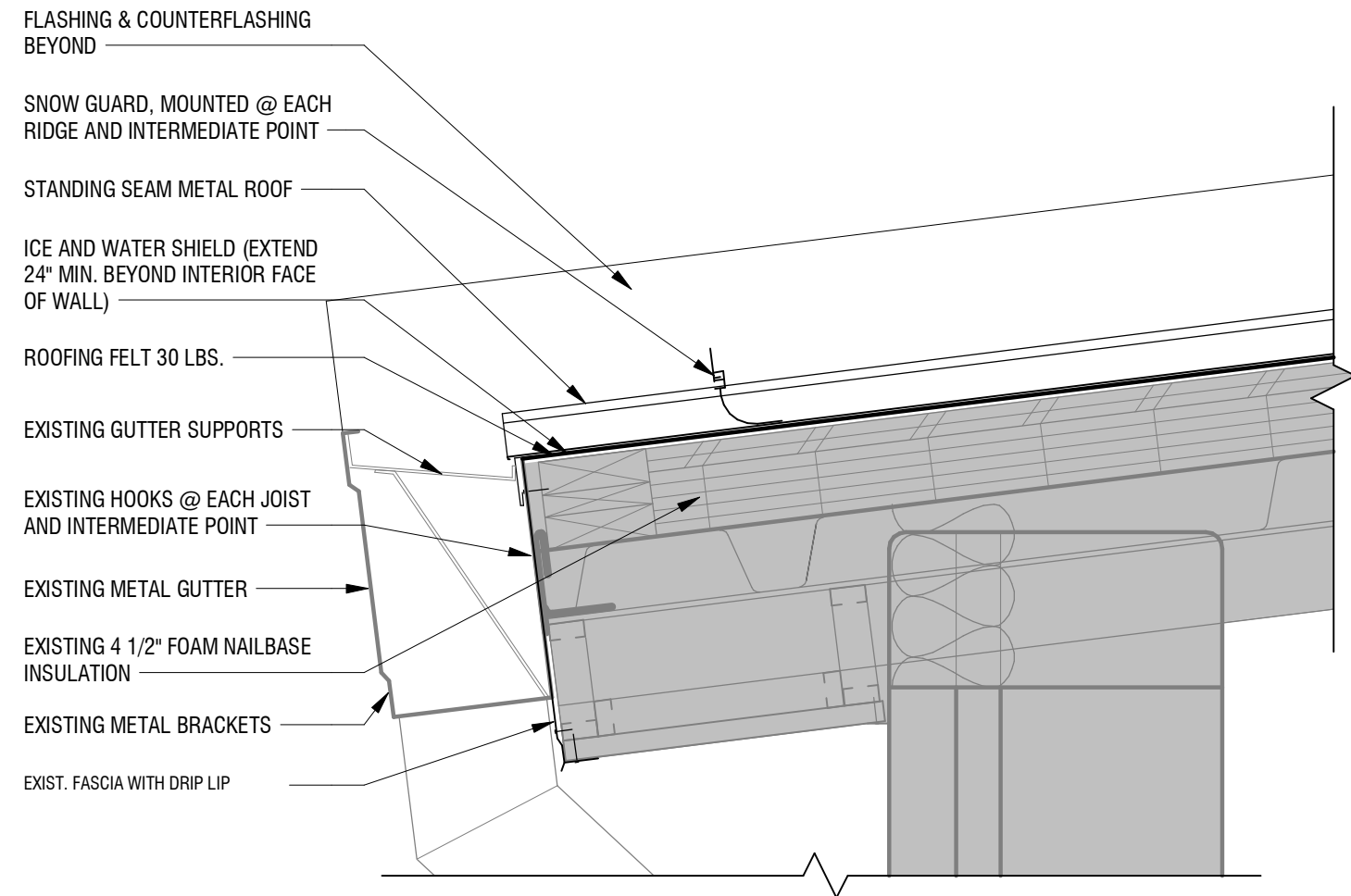
ROOF PLAN

DATE
04.08.21
PROJECT
202106

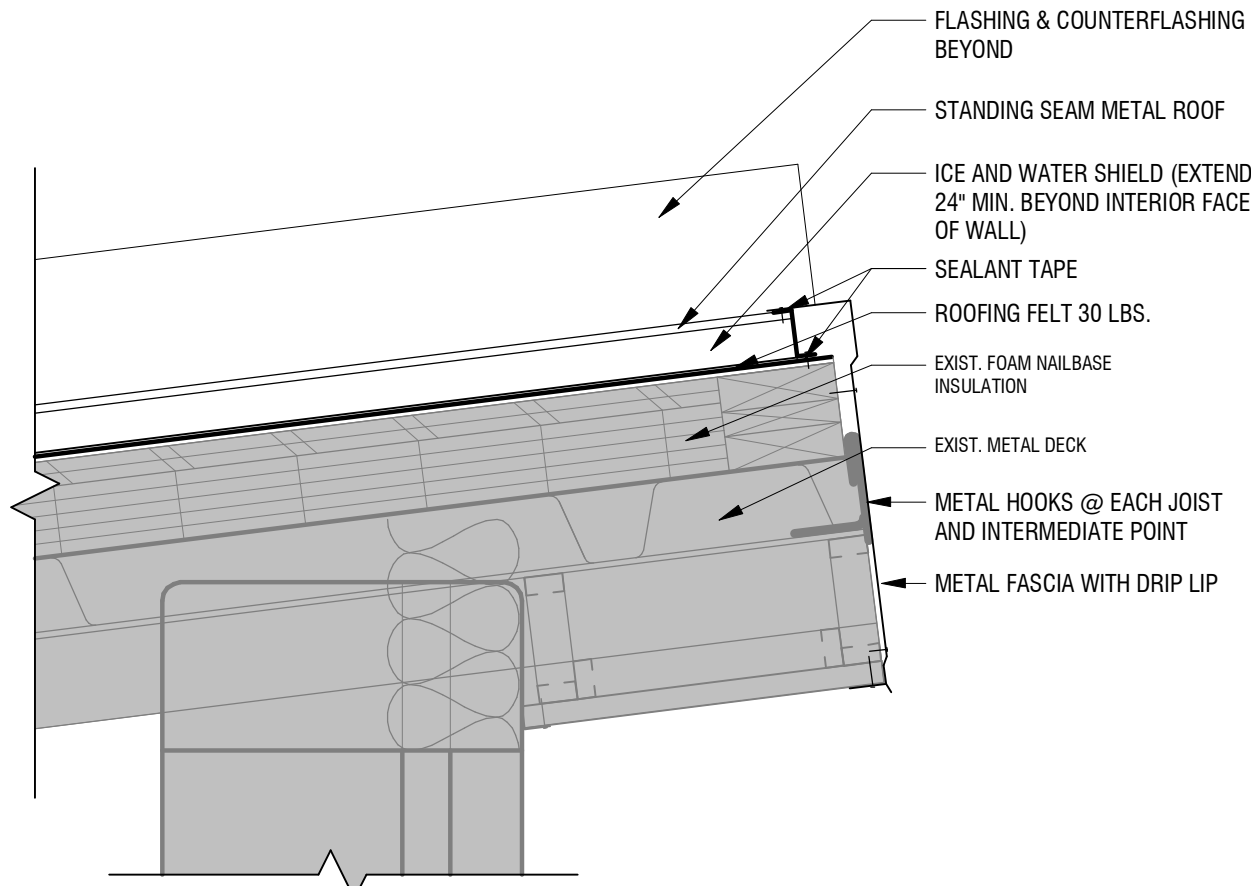
SHEET
A100

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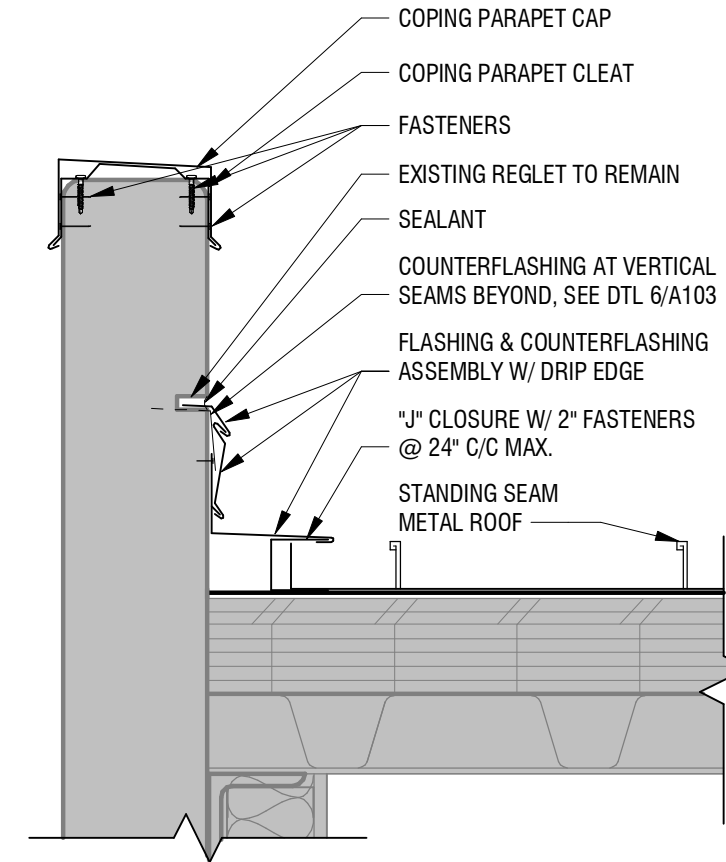
REVISIONS		
No.	Date	Description



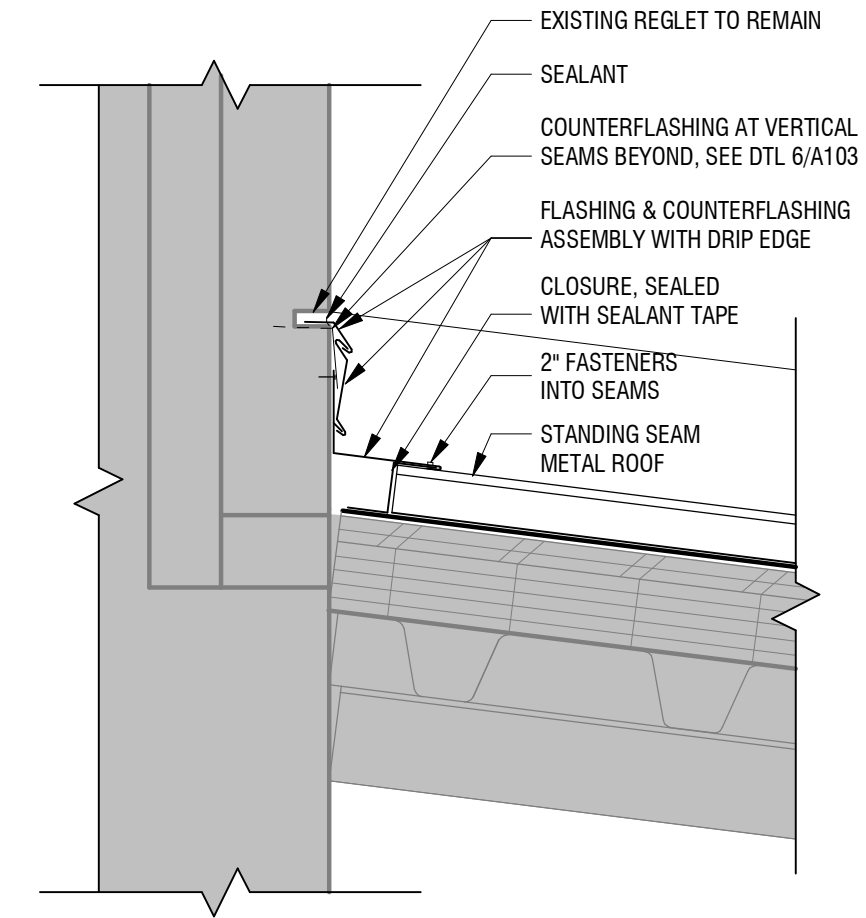
1 EAVE DETAIL TYP.
A101 1 1/2" = 1'-0"



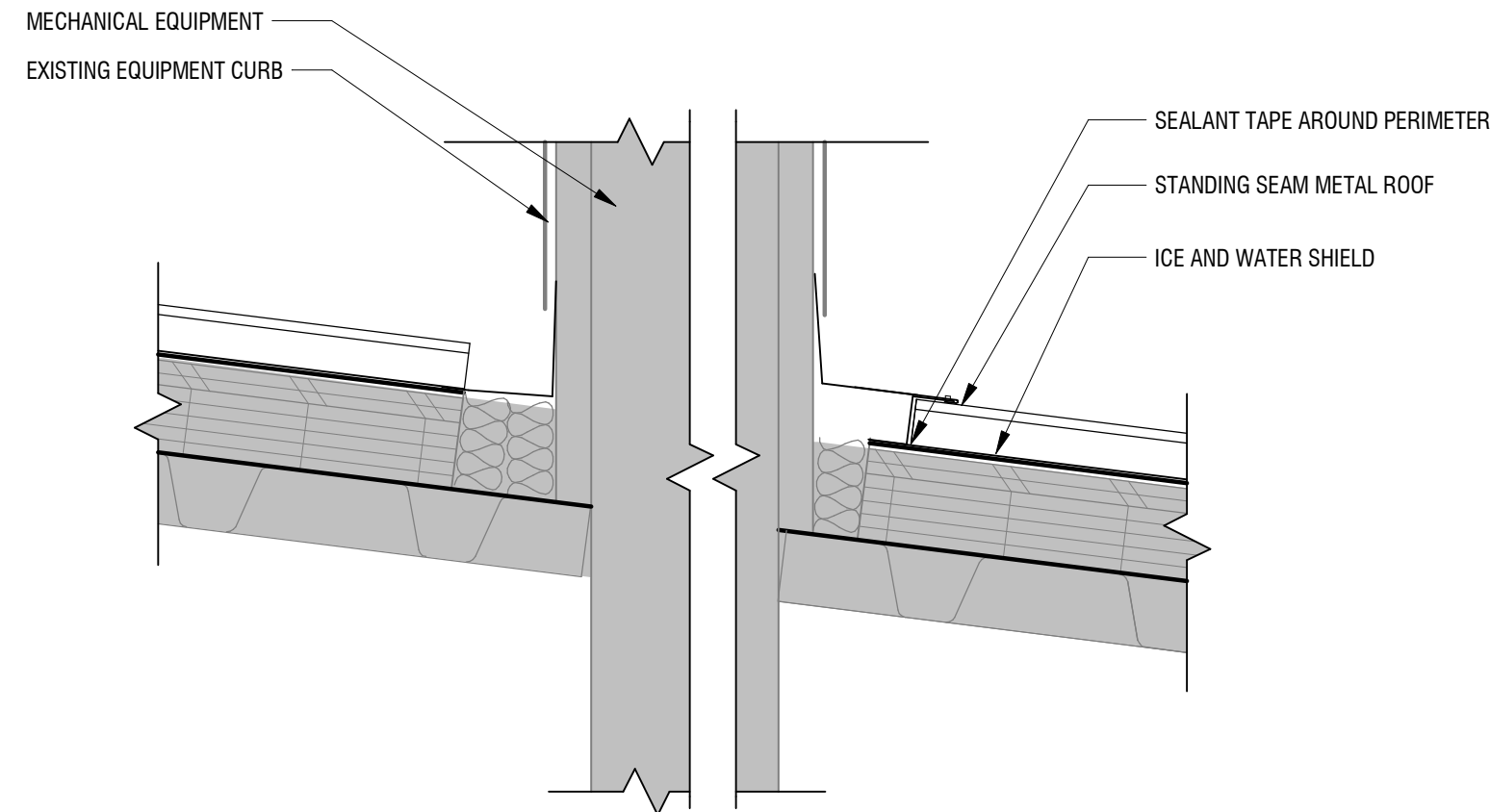
2 PEAK DETAIL TYP.
A101 1 1/2" = 1'-0"



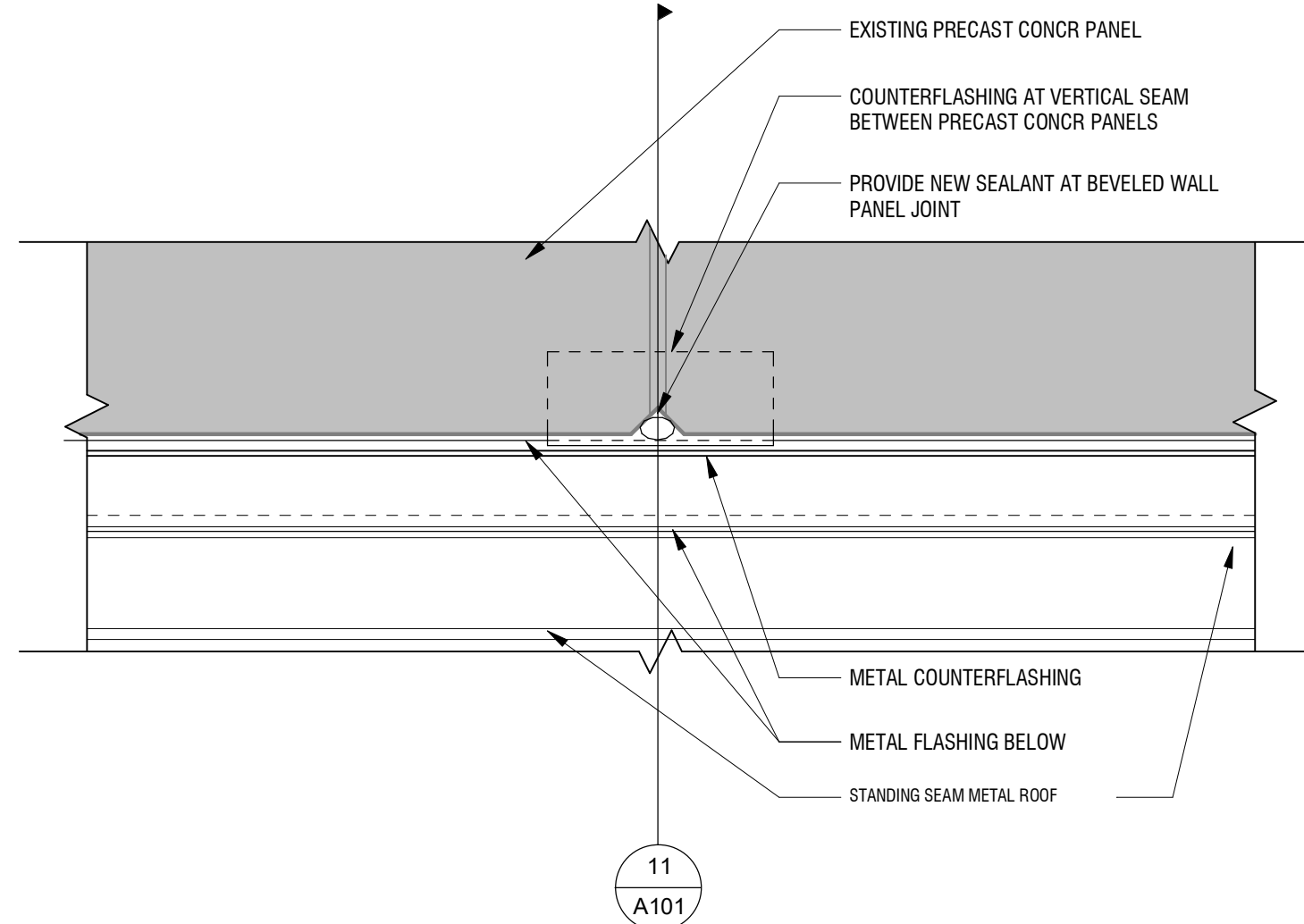
3 PARAPET DETAIL TYP.
SIM. TO SIDEWALL
A101 1 1/2" = 1'-0"



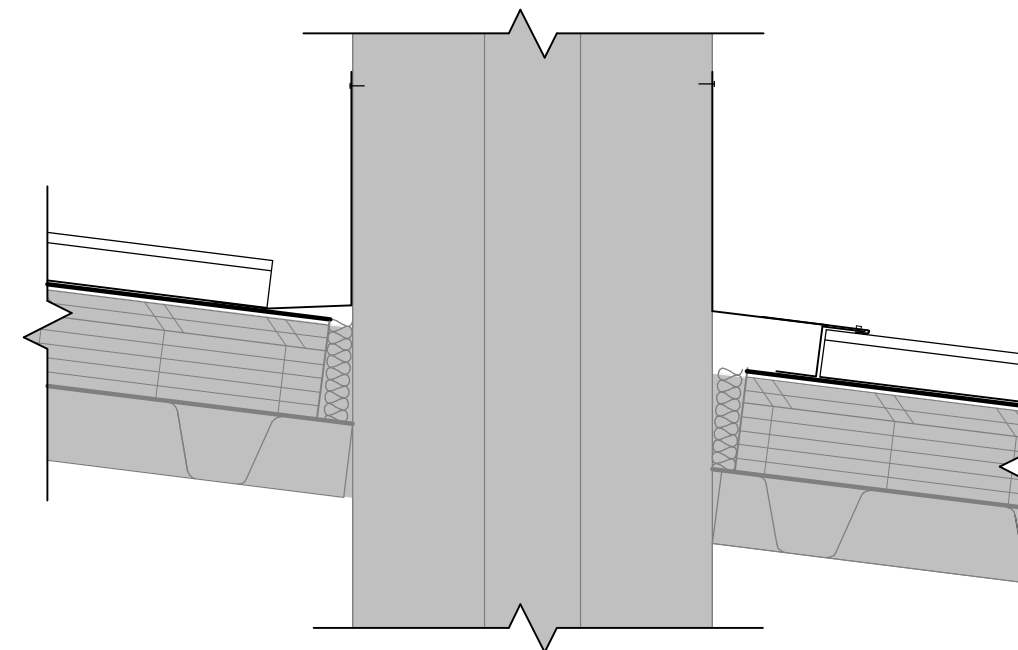
4 ENDWALL DETAIL TYP.
A101 1 1/2" = 1'-0"



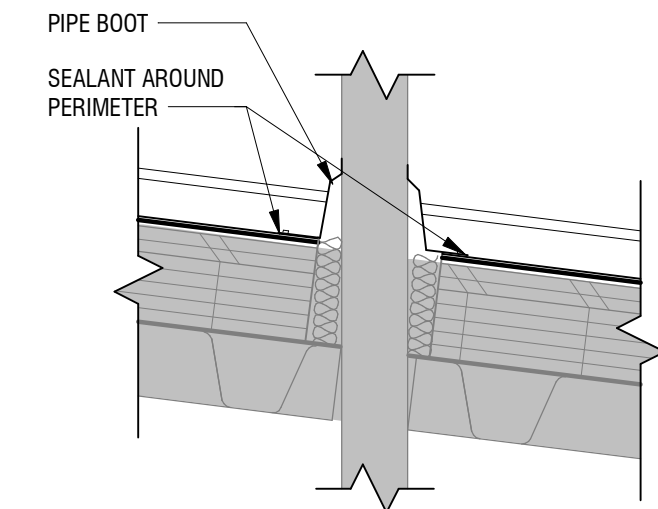
5 ROOFTOP UNIT PEN. DETAIL
A101 1 1/2" = 1'-0"



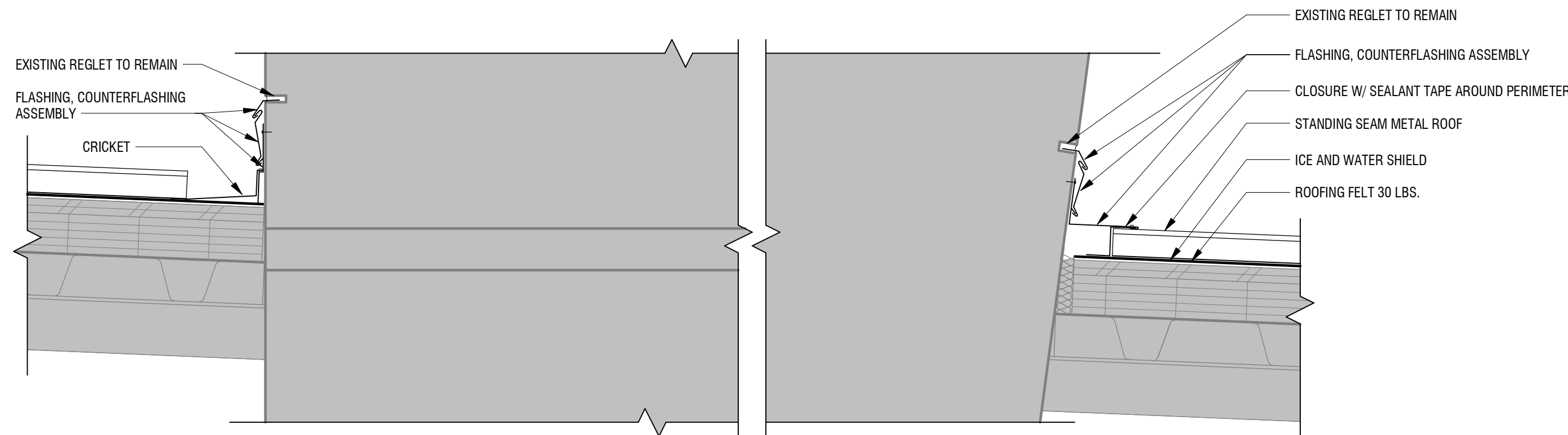
6 FLASHING AT WALL PANEL JOINT
PLAN DETAIL
A101 1 1/2" = 1'-0"



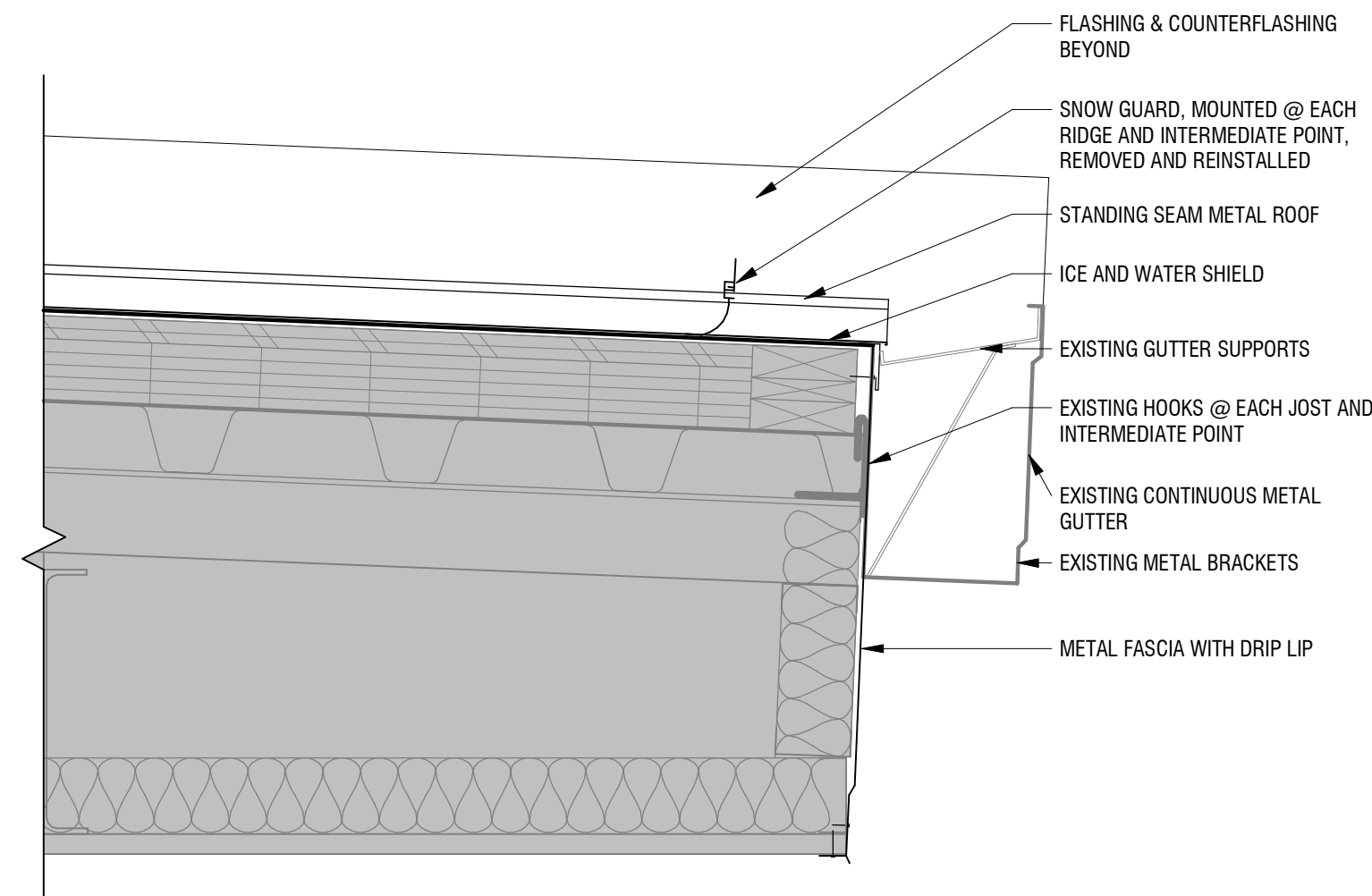
7 EXHAUST PEN. DETAIL TYP.
A101 1 1/2" = 1'-0"



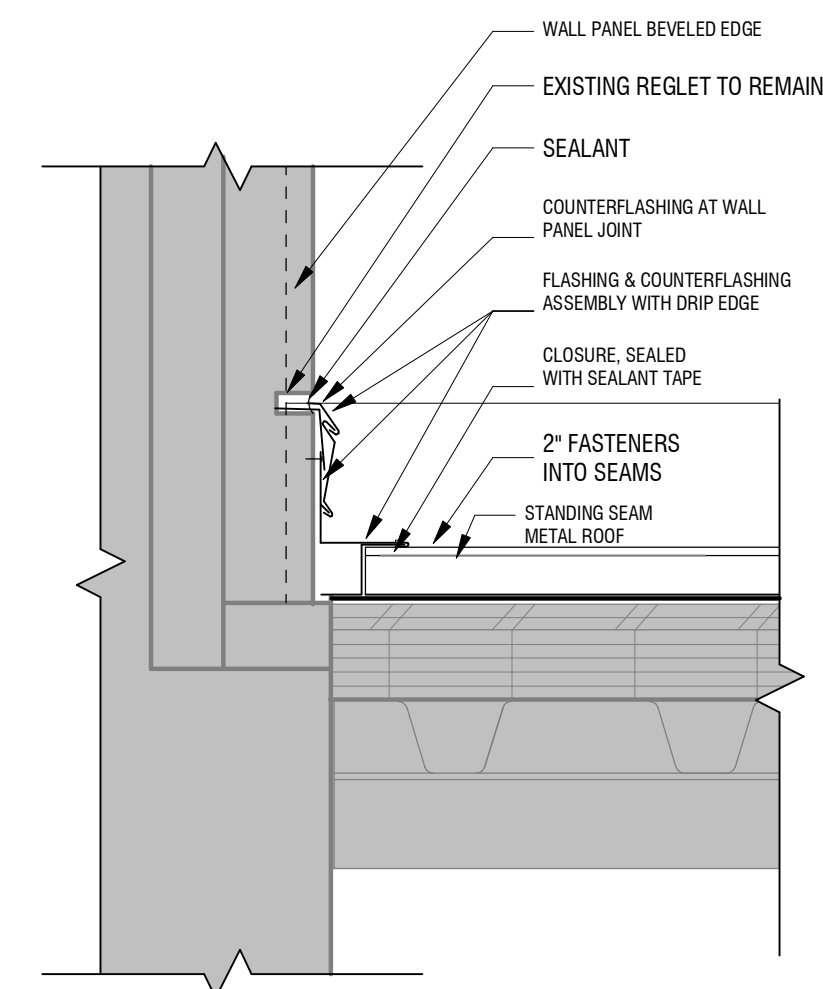
8 VENT STACK DETAIL
NOT AT ROOF SEAM TYP.
A101 1 1/2" = 1'-0"



9 PIER PEN. DETAIL TYP.
A101 1 1/2" = 1'-0"



10 OVERHANG DETAIL
A101 1 1/2" = 1'-0"



11 ENDWALL DETAIL AT WALL PANEL JOINT
A101 1 1/2" = 1'-0"

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COUNTY ROOF
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HIGHWAY
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1605 E Main St.
Urbana, IL 61802

ISSUED FOR BID

ROOF DETAILS

DATE 04.08.21 SHEET
PROJECT 202106 **A101**

4/7/2021 7:00:03 PM

- DEMOLITION NOTES**
- DIMENSIONS ARE TO EDGE OF ROOF. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS & DIMENSIONS SHOWN ON PLANS PRIOR TO THE START OF WORK. NOTIFY ARCHITECT OF DISCREPANCIES.
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 - PROVIDE PROTECTION FOR EXISTING BUILDING MATERIALS & EQUIPMENT FROM DAMAGE DUE TO DEMOLITION OR CONSTRUCTION-RELATED INCIDENT PERFORMED UNDER THIS CONTRACT.
 - CONTRACTOR TO VERIFY LOCATION, SIZES, AND QUANTITIES OF ROOF PENETRATIONS AND EQUIPMENT PRIOR TO BIDDING.
 - REPAIR OR REPLACE ITEMS DAMAGED AS A RESULT OF CONSTRUCTION TO MATCH EXISTING FINISH AND/OR CONDITION.
 - EXISTING MATERIALS SHALL NOT BE REUSED UNLESS OTHERWISE NOTED, OR AS AUTHORIZED BY ARCHITECT.
 - OWNER WILL TRIM TREES OVERHANGING ROOF PRIOR TO CONSTRUCTION.

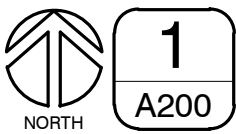
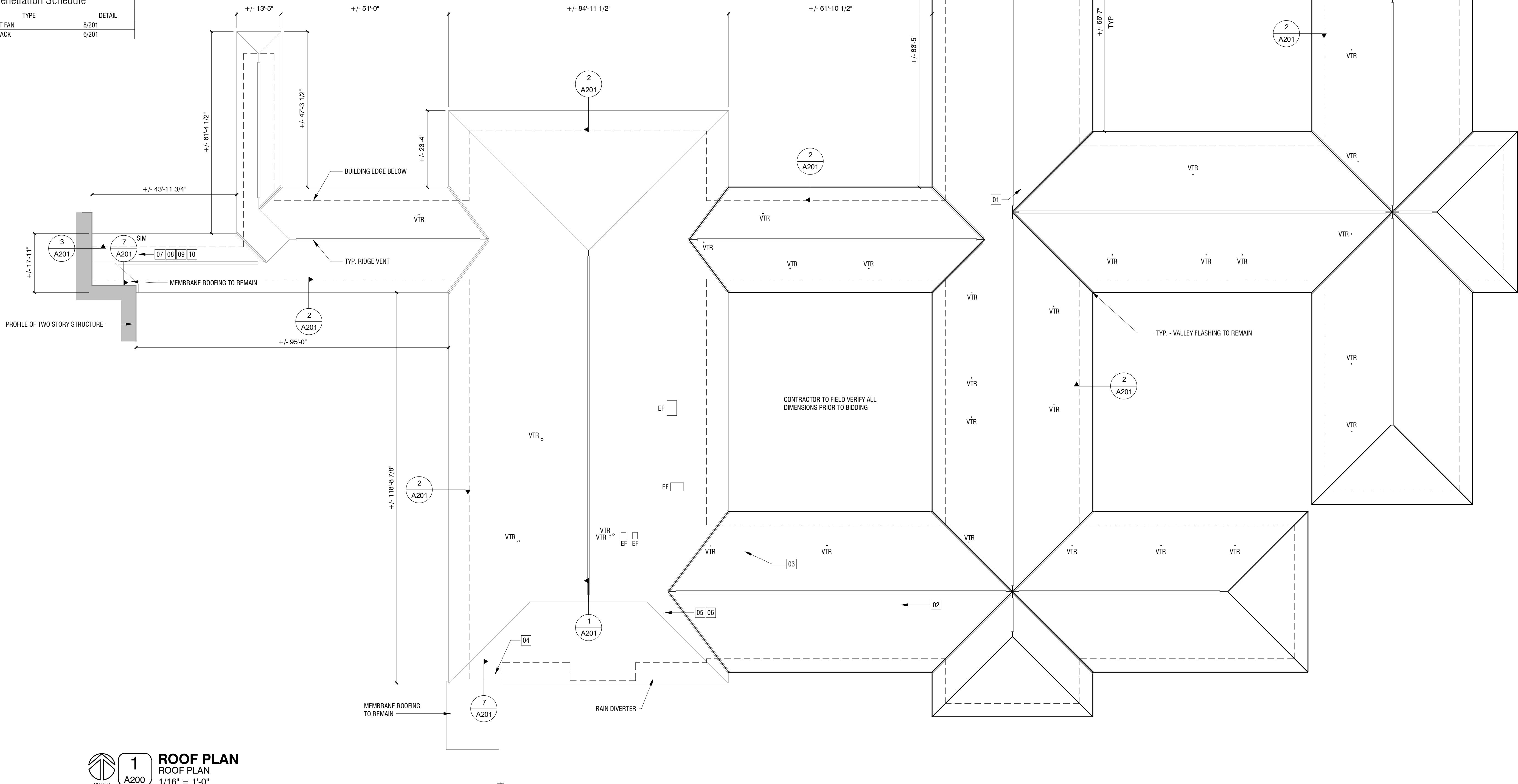
- ROOF NOTES**
- REMOVE AND DISPOSE OF EXISTING ROOF SHINGLES.
 - REMOVE AND DISPOSE OF EXISTING UNDERLAYMENT.
 - REMOVE AND DISPOSE OF EXISTING DRIP EDGE + VALLEY FLASHING.
 - CONTRACTOR TO DISCONNECT PLUMBING + ELECTRICAL CONNECTIONS FOR SUPPLY FANS, EXHAUST FANS, AND OTHER MECHANICAL EQUIPMENT. REMOVE FANS AND EQUIPMENT, AND RETAIN FOR REINSTALLATION AFTER NEW ROOF IS INSTALLED.
 - RESET ALL MECHANICAL UNITS AND FANS IN THE SAME PLACE ONCE ROOFING INSTALLATION IS COMPLETED. RE-CONNECT PLUMBING + ELECTRICAL CONNECTIONS FOR SUPPLY FANS, EXHAUST FANS, AND MECHANICAL EQUIPMENT.
 - IF DETERIORATED WOOD DECK OR NAILERS ARE DISCOVERED, NOTIFY ARCHITECT.
 - AT ALL ROOF OVERHANGS PROVIDE ICE + WATER SHIELD. EXTEND EDGE 2' PAST EDGE OF BUILDING WALL. PROVIDE ICE + WATER SHIELD AT RIDGE AND VALLEYS
 - PROVIDE (2) LAYERS OF #15 FELT (UNDERLAYMENT).
 - PROVIDE NEW DRIP EDGE + VALLEY FLASHING

SYMBOL LEGEND

IMAGE NUMBER REFERENCE

Roof Penetration Schedule

MARK	TYPE	DETAIL
EF	EXHAUST FAN	8/201
VTR	VENT STACK	6/201



ROOF PLAN
1/16" = 1'-0"

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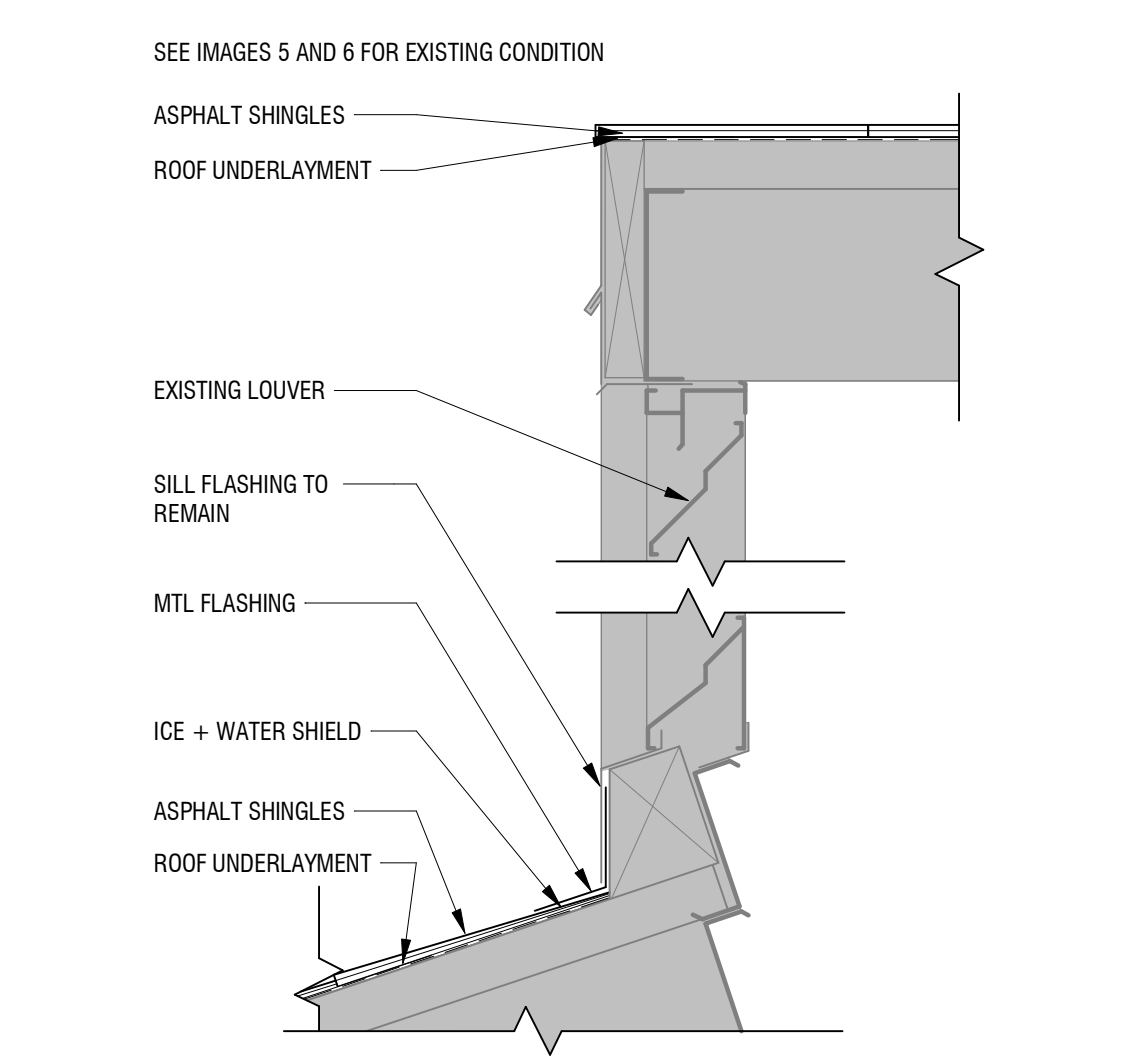
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ROOF PLAN

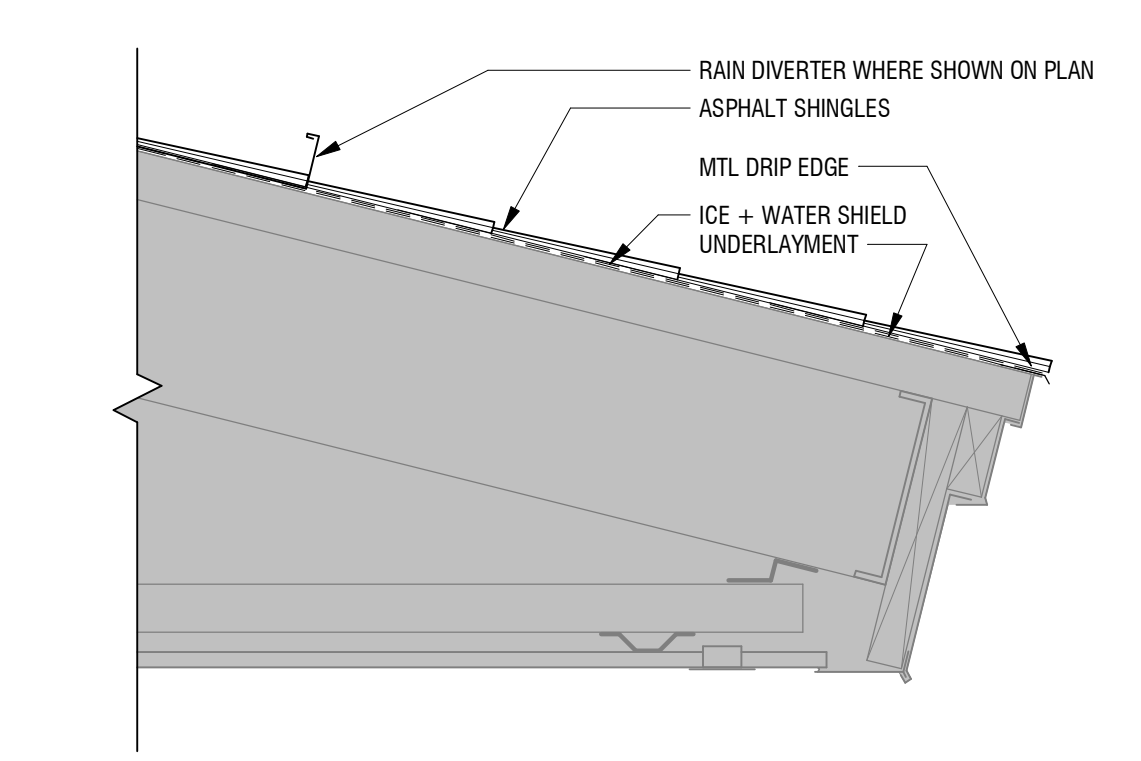
DATE
04.08.21
PROJECT
202106

SHEET

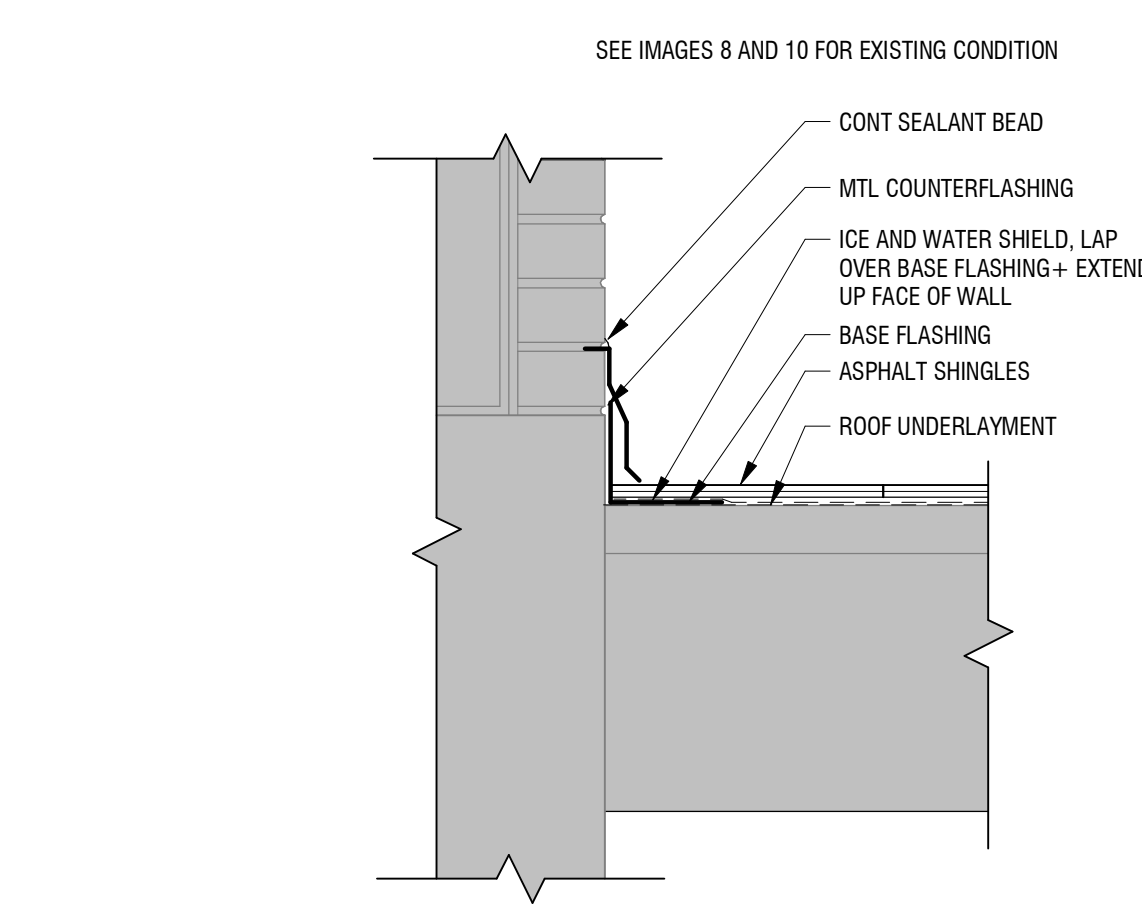
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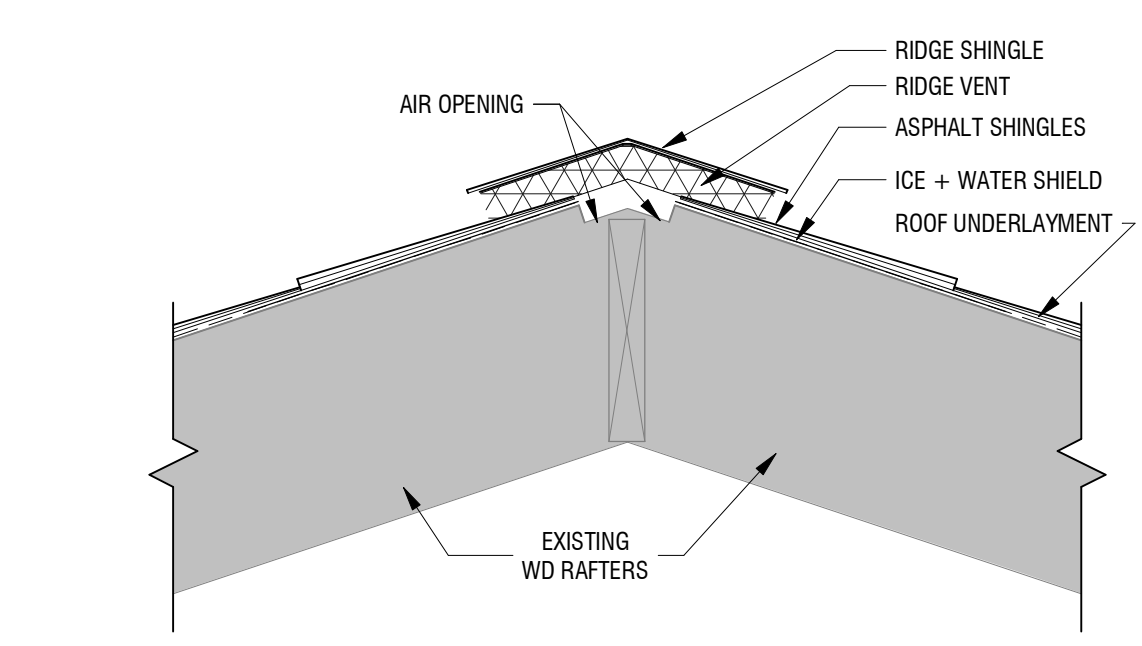
1 DETAIL AT ROOF GRILLE
A201 1 1/2" = 1'-0"



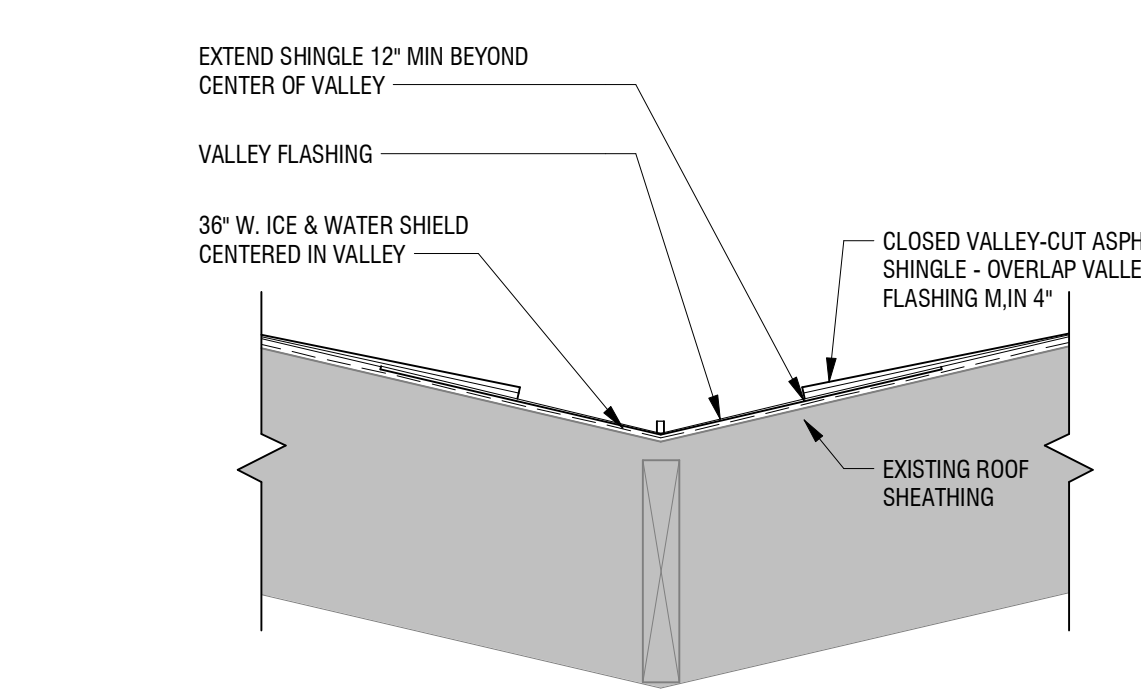
2 EAVE DETAIL
TYP.
A201 1 1/2" = 1'-0"



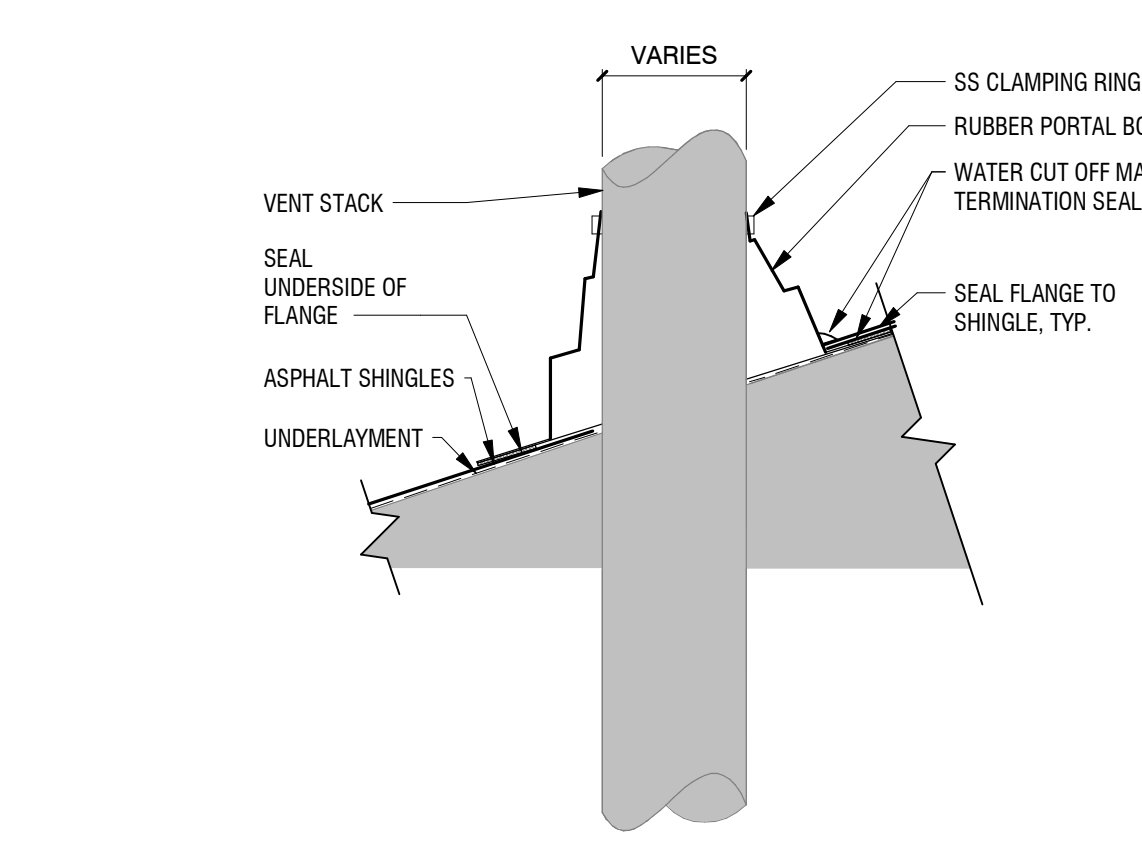
3 SHINGLE FLASHING AT SIDEWALL
SIM.
A201 1 1/2" = 1'-0"



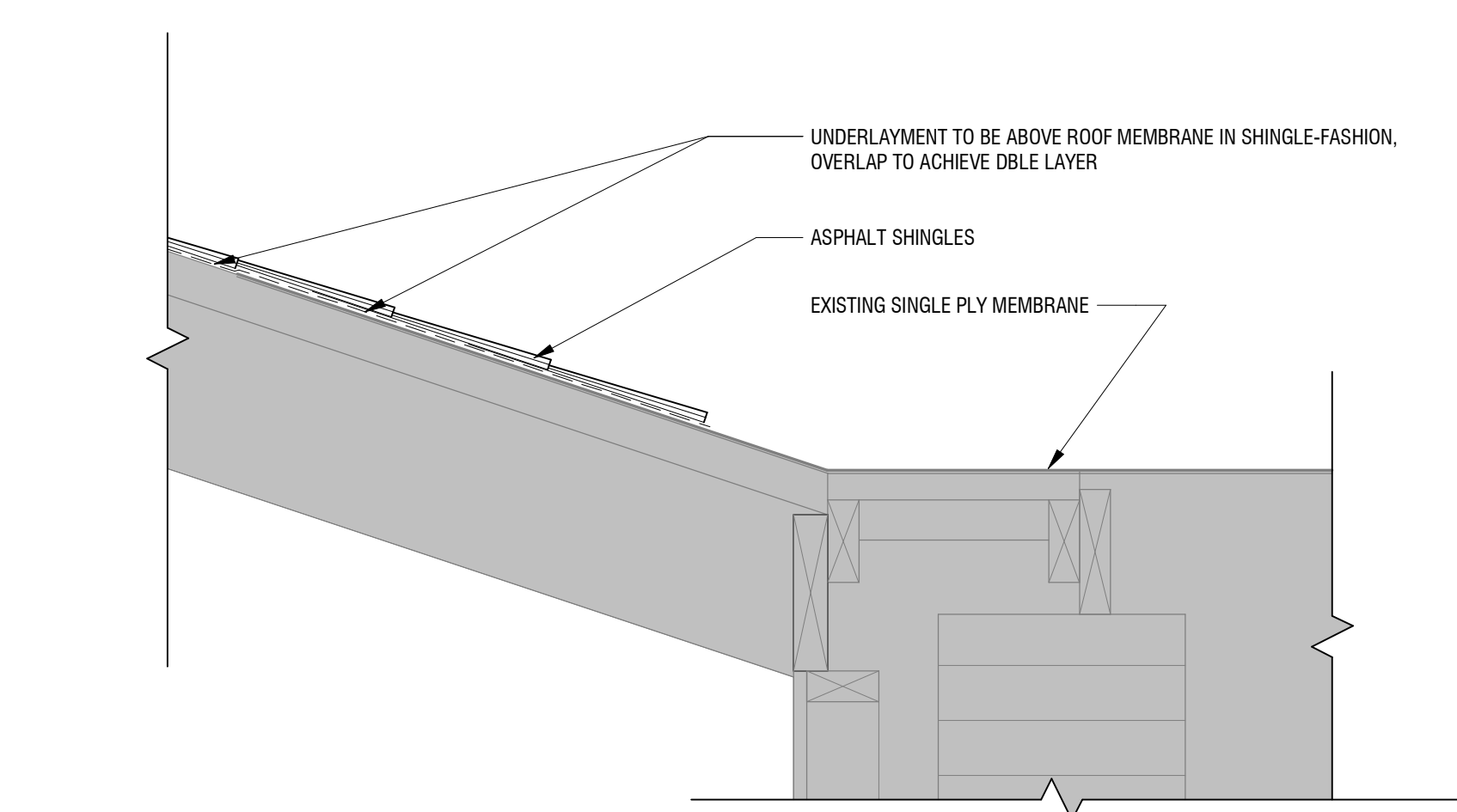
4 RIDGE VENT DETAIL
TYP.
A201 1 1/2" = 1'-0"



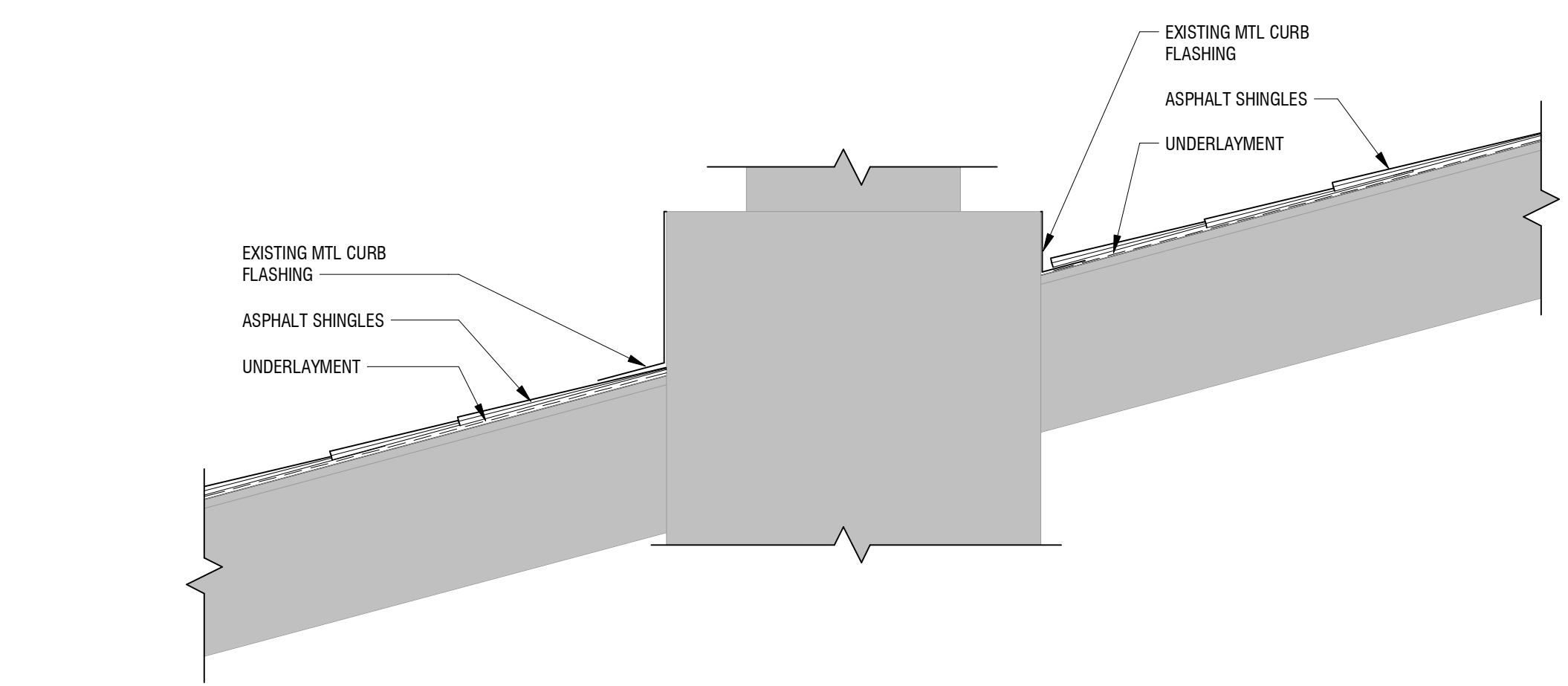
5 VALLEY FLASHING DETAIL
TYP.
A201 1 1/2" = 1'-0"



6 VENT STACK DETAIL
TYP.
A201 1 1/2" = 1'-0"



7 SHINGLE TO MEMBRANE ROOF DTL
A201 1 1/2" = 1'-0"



8 PENETRATION AT MECHANICAL CURB
TYP.
A201 1 1/2" = 1'-0"

