

MATERIALS LEGEND

	EXISTING MATERIAL		PLYWOOD SHEATHING
	STEEL		CONTINUOUS WOOD BLOCKING
	CONCRETE		WOOD BLOCKING OR SVM
	FIBER-CEMENT BOARD		WOOD TRIM
	GYPSUM BOARD/ PLASTER		BRICK
	BATT INSULATION		CONCRETE BLOCK
	RIGID BOARD INSULATION		SPRAYED FOAM INSULATION

ABBREVIATIONS

ADJ	ADJUSTABLE	GND	GROUND	RAD	RADIUS
A/E	ARCHITECT / ENGINEER	GYP	GYPSUM	RCJ	REINFORCED CONTROL JOINT
AHJ	AUTHORITY HAVING JURISDICTION	GYP BD	GYPSUM BOARD	RCMJ	REINFORCED CONC. MASONRY JOINT
ALUM	ALUMINUM	H	HIGH	RD	ROOF DRAIN
AMT	AMOUNT	HGT	HEIGHT	REBAR	REINFORCING BAR
APPROX	APPROXIMATELY	HDW	HARDWARE	REF	ROOF EXHAUST FAN
ARCH	ARCHITECT	HORIZ	HORIZONTAL	REINF	REINFORCED
ASPH	ASPHALT	HR	HOUR	REJ	ROOF EXPANSION JOINT
AVE	AVERAGE	IAW	IN ACCORDANCE WITH	REQ'D	REQUIRED
BD	BOARD	INCL	INCLUDED	RH	ROOF HATCH
BLDG	BUILDING	INSUL	INSULATION	ROMT	ROOF MOUNTED TERMINATION
BLK	BLOCK	INT	INTERIOR	RM	ROOM
BRK	BRICK	IS	INSIDE	RO	ROUGH OPENING
BSMT	BASEMENT	JT	JOINT	RS	ROOF SLOPE
BUR	BUILT UP ROOFING	KW	KEY WALL	RTS	REINFORCED TERMINATION STRIP
CC	CENTER TO CENTER	LB	POUND	RV	ROOF VENT
CFLG	COUNTER FLASHING	LVR	LOUVER	SCHED	SCHEDULE
CHNLS	CHANNELS	LW	LIGHT WEIGHT	SCP	SCUPPER
CJ	CONTROL JOINT	LT	LAMBS TONGUE	SECT	SECTION
CL	CENTER LINE	MAS	MASONRY	SF	SQUARE FOOT OR FEET
CMU	CONCRETE MASONRY UNIT	MAU	MAKE UP AIR UNIT	SHT	SHEET
COL	COLUMN	MECH	MECHANICAL	SIM	SIMILAR
CONC	CONCRETE	MTL	METAL	SKL	SKY LIGHT
CONT	CONTINUOUS	MFR	MANUFACTURER	SL	SIDE LIGHT
CONTR	CONTRACTOR	MIN	MINIMUM	SPEC	SPECIFICATION
CRS	COURSSES	MISC	MISCELLANEOUS	SQ	SQUARE
CSB	CONCRETE SPLASH BLOCK	MO	MASONRY OPENING	SS	STAINLESS STEEL
CTR	CENTER	MTD	MOUNTED	STD	STANDARD
D	DEPTH	OC	ON CENTER	STL	STEEL
DBL	DOUBLE	OF/CI	OWNER FURNISHED/CONTR. INSTALLED	STOR	STORAGE
DEMO	DEMOLITION	OF/OI	OWNER FURNISHED/OWNER INSTALLED	SV	SMOKE VENT
DTL	DETAIL	OFD	OVER FLOW ROOF DRAIN	SUSP	SUSPENDED
DIA	DIAMETER	OFS	OVER FLOW SCUPPER	T	TREAD
DNM	DIMENSION	OPNG	OPENING	T&B	TOP AND BOTTOM
DN	DOWN	ORIG	ORIGINAL	T&G	TONGUE AND GROOVE
DO	REPEAT	OTS	OPEN TO STRUCTURE	TOC	TOP OF CURB, TOP OF CONC.
DS	DOWNSPOUT	OS	OUTSIDE	TOW	TOP OF WALL
DWG	DRAWING	PARG	PARGING	TP	TUCK POINT
EA	EACH	PL	PLATE	TRF	THROUGH WALL FLASHING
EF	EXHAUST FAN	PLYWD	PLYWOOD	TYP	TYPICAL
EJ	EXPANSION JOINT	PNL	PANEL	UC	UTILITY CURB
EJF	EXPANSION JOINT FILLER	PR	PAIR	UNO	UNLESS NOTED OTHERWISE
ELEC	ELECTRICAL	PROT	PROTECTION	VENT	VENTILATOR
ELEV	ELEVATION	PRV	POWER ROOF VENTILATOR	VERT	VERTICAL
ENCL	ENCLOSURE	PT	PAINT	VTR	VENT THROUGH ROOF
ENGR	ENGINEER	PV	PLUMBING VENT	W	WIDTH
EQ	EQUAL	PVC	POLYVINYL CHLORIDE	W/	WITH
EQUIP	EQUIPMENT	R	RISER	W/O	WITHOUT
EX/EXST	EXISTING	RAI	ROOF AIR INTAKE	WA	WALL ANCHOR
EXT	EXTERIOR	RD	ROOF DRAIN	WCJ	WALL CONTROL JOINT
EXP	EXPOSED OR EXPANSION	R&R	REMOVE AND REPLACE	WD	WOOD
FND	FOUNDATION			WDW	WINDOW
FIN	FINISH			WEJ	WALL EXPANSION JOINT
FLR	FLOOR			WGT	WEIGHT
FLM	FULL LENGTH MIRROR			WPF	WATERPROOFING
FO	FINISH OPENING			WP	WALKPAD
FR	FRAME			WS	WEATHER STRIP
FT	FOOT OR FEET			WWF	WELDED WIRE FABRIC
GA	GAUGE			WWM	WELDED WIRE MESH
GALV	GALVANIZED				

LOCATION MAP



N.T.S.

SYMBOLS LEGEND

	SECTION LABEL		KEY NOTE		NEW FINISH GRADE CONTOURS
	SHEET NUMBER		OPENING TYPE CALLOUT		UNCHANGED EXISTING GRADES
	DETAIL NUMBER		WALL TYPE CALLOUT		ALTERED EXISTING GRADES
	EXTERIOR ELEVATION		DOOR NUMBER		FOOTING SIZE
	INTERIOR ELEVATION		ROOM NUMBER		FOOTING ELEVATION
	NEW ELEVATION		ROOM NAME		
	EXISTING ELEVATION		COLUMN GRID LINE		
			MATCH LINE		
			BENCH MARK		
			ELEVATION IN SECTION		
			+X'-X"		

CONTACT INFO:

OWNERS:
STATE OF IOWA, DEPARTMENT OF ADMINISTRATIVE SERVICES
109 SE 13TH STREET
DES MOINES, IOWA 50319
DAS REPRESENTATIVE: BRANDON ADAMS
PH: 515-201-2197

CLIENT:
IOWA DEPT. OF PUBLIC SAFETY, DISTRICT 15
1333 OHIO STREET, DES MOINES, IOWA 50314
CLIENT REPRESENTATIVE: BRYAN GULL

CONSTRUCTION MANAGER:
BOYD JONES
11204 AURORA AVENUE
URBANDALE, IA 50322
PROJECT MANAGER: ROB GREINER
PH: 515-650-7777

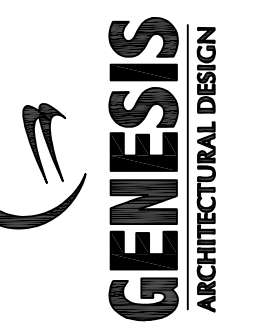
ARCHITECT:
EDWARD L. MATT, AIA
GENESIS ARCHITECTURAL DESIGN
939 OFFICE PARK ROAD
WEST DES MOINES, IOWA 50265
PH: 515-440-1681

SHEET INDEX

ARCHITECTURAL	
A0.0	COVER, SHEET INDEX, CONTACTS, SYMBOLS, & ABBREVIATIONS
A0.1	SITE AND STAGING
A1.0	ROOF PLAN
A2.0	DETAILS

ARCHITECT

939 OFFICE PARK ROAD SUITE 101
WEST DES MOINES, IOWA 50265-2505
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PROJECT TITLE

DISTRICT 1
DPS 1333 OHIO ROOF REPLACEMENT
1333 OHIO STREET
DES MOINES, IOWA 50314

SHEET CONTENTS

COVER SHEET INDEX
SYMBOLS & ABBREVIATIONS

REVISIONS

NOTE	DATE

DAS PROJECT NO.

9521.00

GENESIS PROJECT NO.

2604

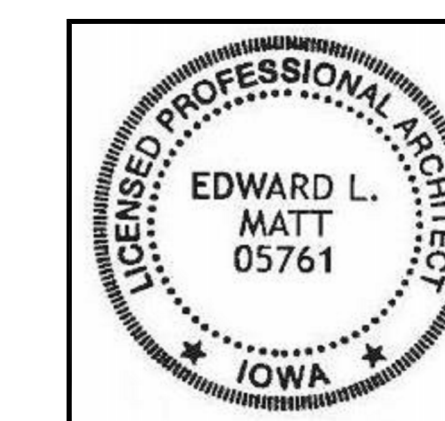
ISSUE DATE

05-27-26

SHEET NUMBER

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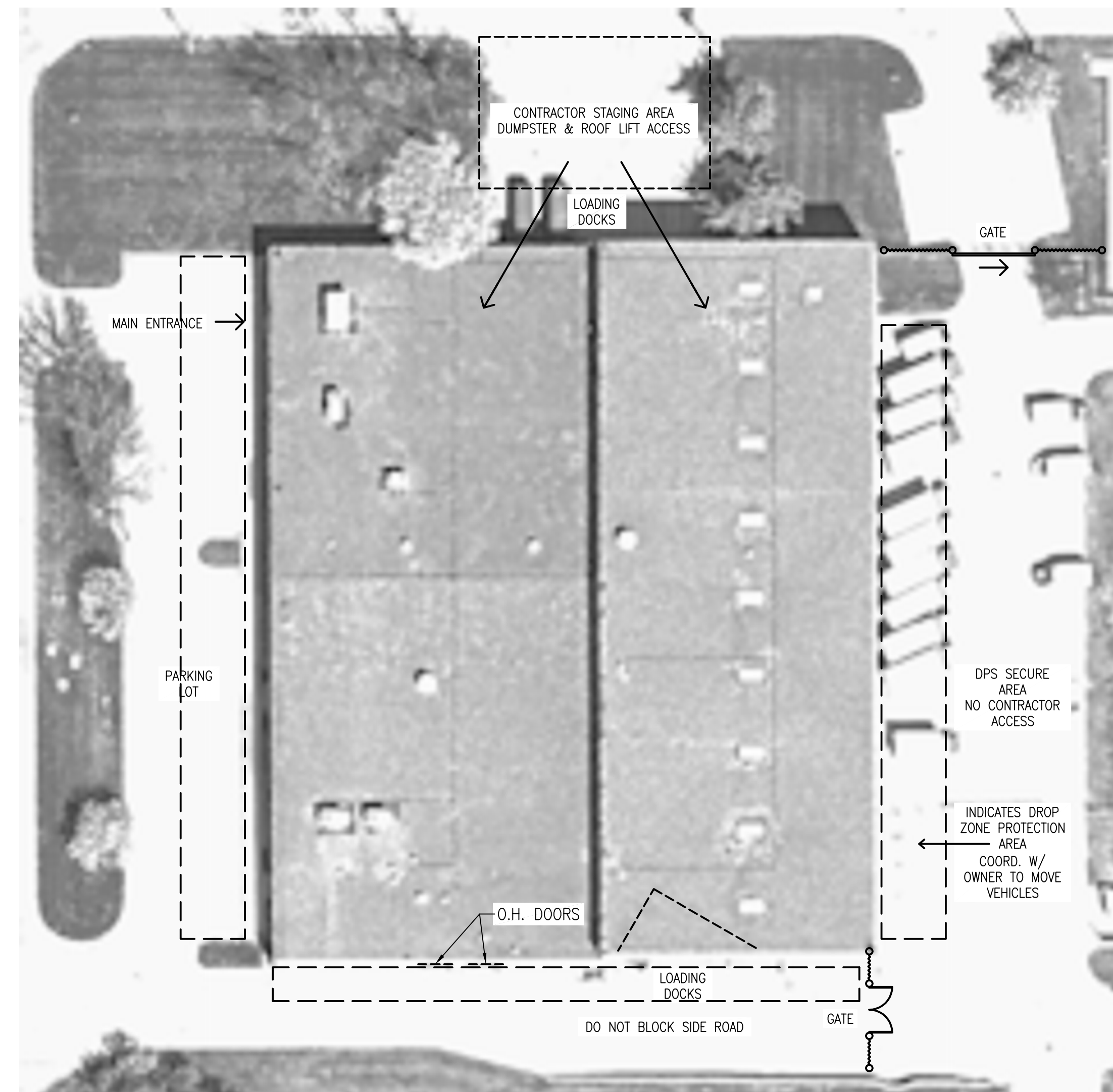


I hereby certify that the portion of this technical submission described below was prepared by me or under my supervisor and responsible charge. I am a duly registered Architect under the laws of the State of Iowa.

Signature: _____ 05761
Edward L. Matt Reg. No.
Pages or sheets covered in part or whole by this seal:
A0.0, A0.1, A1.0, & A2.0
Date Issued: _____ MAY 27, 2026

SITE AND STAGING NOTES:

1. ALL CONTRACTOR'S PERSONNEL ARE TO HAVE BACKGROUND CHECKS PREAPPROVED BEFORE BEING ALLOWED ON SITE FOR WORK.
2. CONTRACTOR'S PERSONNEL TO FOLLOW ALL RULES FOR CONSTRUCTION WORKERS. SEE SPECIFICATION FOR REQUIREMENTS.
3. COORDINATE ALL BUILDING AND SECURITY ISSUES WITH DPS FACILITY MANAGER AND OWNER'S CONSTRUCTION MANAGER.
4. CONTRACTOR TO COORDINATE PROPOSED DAILY WORK SEQUENCE SCHEDULE WITH DPS STAFF AND CONSTRUCTION MANAGER. IDENTIFY WORK AREA FOR EACH DAY'S WORK AND PLANNED SEQUENCE FOR ALL SECTIONS.
5. CONTRACTOR TO COORDINATE IN ADVANCE WITH FOR ALL GATE PASSINGS OR ACCESS TO BACKYARD AREA. GATE LOCATIONS ARE IDENTIFIED ON THE MAP.
6. ALL CONSTRUCTION EQUIPMENT MUST BE TAKEN DOWN DAILY TO THE DESIGNATED STAGING AREA WITH THE EXCEPTION OF A JOB BOX THAT CAN BE SECURED ON THE ROOF.
7. ALL WORK AREAS ARE TO BE THOROUGHLY CLEANED UP AT THE END OF EACH DAY. REMOVE ALL DEMOLISHED MATERIALS AND CONSTRUCTION WASTE DAILY TO CONTRACTOR'S EXTERIOR DUMPSTER LOCATION.
8. SEE MAP FOR DUMPSTER, STAGING AND ROOF ACCESS AREA.
9. SEE MAP FOR CONTRACTOR'S MATERIAL STAGING AND PARKING LOCATIONS.
10. COORDINATE WITH CONSTRUCTION MANAGER FOR AREAS OF ROOF ACCESS.
11. SEE SPECIFICATION FOR WORK HOURS. COORDINATE WITH OWNER FOR ANY PROPOSED EXTENDED WORK HOURS INCLUDING WEEKENDS.
12. PROVIDE TEMPORARY BARRIERS AND CAUTION LINES AROUND WORK AREA. PROVIDE COVERED SCAFFOLD OVER MAIN ENTRANCE AND EXTERIOR DOORS WHEN AND AS NEEDED.
13. CONTRACTOR TO PROTECT AND REPAIR ALL AREAS OF DAMAGED LAWN. REPAIR RUTS AND RESEED. OWNER WILL WATER UNTIL LAWN HAS BEEN RE-ESTABLISHED.
14. CONTRACTOR TO PROVIDE PORTABLE TOILET. LOCK AT END OF EACH WORK DAY.



AERIAL STAGING MAP
N.T.S.

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A0.1

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DPS 1333 OHIO ROOF REPLACEMENT
1333 OHIO STREET
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SITE & STAGING

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ROOF SYMBOLS & NOTES:

- VTR - VENT THRU ROOF SEE DETAIL 6/A2.0
- RD - ROOF DRAIN SEE DETAIL 8/A2.0
- OF - OVER FLOW (ROOF DRAIN) SEE DETAIL 9/A2.0 SIM.
- ☒ REF - ROOF EXHAUST FAN SEE DETAIL 7/A2.0
- SV - SMOKE VENT DEMO
- GAS - OLD GAS LINE SEE DETAIL 11/A2.0
- NEW GAS - NEW GAS LINE SEE DETAIL 11/A2.0
- RV - ROOF VENT (VERIFY) SEE DETAIL 7/A2.0 SIM.
- ◆ RC - ROOF CORE TEST
- WP - WALK PAD

KEYNOTES:

- 1 REMOVE 9 EXISTING 4'-4" X 9'-4" SMOKE VENTS, CURBS, INTERNAL COILS & CABLES. PATCH OPENING, WITH 1.5" METAL DECK TO MATCH EXISTING. OVERLAP EDGES MIN. 6 INCHES AND PROVIDE SCREW ATTACHMENT 12" O.C. ALL 4 SIDES. PREPAINT INSIDE OF METAL DECK WHITE TO MATCH INTERIOR CEILING. CM WILL PROVIDE DROP ZONE BARRIER AND OBSERVER INSIDE BLDG.
- 2 REMOVE METAL CAP ON EXISTING CURB. REMOVE METAL FROM UNDER REF. FLANGE. WRAP ENTIR CURB WITH TPO AND FLASH UP ONTO REF.
- 3 REMOVE EXISTING 4'-8" X 3'-8" ABANDONED REF CURB. PATCH OPENING WITH 1.5" METAL DECK TO MATCH EXISTING. PREPAINT INSIDE OF METAL DECK WHITE TO MATCH INTERIOR CEILING.
- 4 NEW GAS PIPE SUPPORTS ARE EXISTING TO BE REUSED. ALL OTHER GAS LINES WITH WOOD BLOCK SUPPORTS ARE TO BE REPLACE WITH NEW PIPE SUPPORTS SHOWING IN DETAIL 11/A2.0.
- 5 PROVIDE DOUBLE FASCIA THIS AREA. INSTALL LOWER FASCIA 2 1/2" EXPOSURE WITH HEMMED EDGE AND CLEATS TO OVERLAP DOWN ONTO EIFS STUCCO BETWEEN (2) 12 FT OVERHEAD DOORS AND 4 FT PRECAST BETWEEN. 28 LINEAR FEET TOTAL.
- 6 GRIND PRECAST RIBS FLUSH AT TOP OF PRECAST PANEL. APPROX. 1 1/2" X 8'-0". (ONE PANEL)
- 7 REMOVE AND REPLACE PITCH POCKET AT RTU SERVICE PENETRATIONS

GENERAL ROOF NOTES: (MEMBRANE ROOFS)

1. ALL WORK IS TO BE CONSTRUCTED IN COMPLIANCE WITH STATE BUILDING CODES. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH INDUSTRY STANDARD PRACTICES.
2. NOTE DRAWING SCALES FOR EACH PLAN AND SHEET. PLANS AND DETAILS VARY IN SCALE.
3. CONTRACTOR TO FIELD VERIFY ALL ROOF SLOPES, DIMENSIONS, MEASUREMENTS AND QUANTITIES. REPORT ANY DISCREPANCIES TO ARCHITECT PRIOR TO PROCEEDING WITH ANY WORK.
4. SQUARE FEET (SF) QUANTITIES ARE ESTIMATES ONLY. CONTRACTOR TO FIELD VERIFY ACTUAL SF.
5. DETAILS MAY VARY DEPENDING ON MANUFACTURER'S WARRANTY REQUIREMENTS. CONTRACTOR SHALL VERIFY SUBSTRATE PREP, FLASHINGS, TERMINATIONS AND DETAILS WITH MANUFACTURER'S WARRANTY REQUIREMENTS.
6. QUANTITY, SIZE AND LOCATIONS OF ALL ROOF PENETRATIONS ARE APPROXIMATED. CONTRACTOR TO FIELD VERIFY WITH ON SITE CONDITIONS.
7. FOLLOW SMACNA STANDARDS FOR ALL PREFINISHED SHEET METAL WORK AT FLASHINGS, COPINGS, AND ROOF DRAINAGE FABRICATIONS.
8. CONTRACTOR TO COORDINATE ALL WORK WITH OTHER TRADES AND COORDINATE SCHEDULE WITH FACILITY DIRECTOR AND CONSTRUCTION MANAGER.
9. REMOVE AND DISPOSE OFF SITE ALL EXISTING MEMBRANE, SUBSTRATE BOARD, INSULATION, METAL FLASHINGS & TRIM. DISPOSE ALL DEMOLISHED MATERIALS OFF SITE TO APPROVED LANDFILL. ROCK BALLAST IS TO BE HAULED OFF SITE TO CAMP DODGE. CLEAN OFF ANY DEBRIS. OWNER WILL PROVIDE POINT OF CONTACT AT CAMP DODGE TO COORDINATE EXACT DUMP SITE LOCATION.
10. AFTER ROOF TEAR OFF, CONTRACTOR SHALL INSPECT CONDITION OF ROOF DECK. NOTIFY ARCHITECT IF ADDITIONAL DECK PREPARATION IS NEEDED TO MEET WARRANTY REQUIREMENTS.
11. DRY IN WORK STOPPING POINT AT THE END OF EACH DAY. ENSURE ALL ROOF DRAINAGE SYSTEMS ARE CLEAR AND FUNCTIONING AND ROOF IS WEATHER TIGHT.
12. PROTECT ALL FINISHED WORK FROM ADJACENT CONSTRUCTION FOR THE REMAINING DURATION OF CONSTRUCTION.
13. ALL SADDLES ARE TO BE MINIMUM OF 1/2" SLOPE.
14. ALL PLUMBING VENT PIPES ARE TO BE MIN. 8 - 12 INCHES ABOVE NEW ROOF HEIGHT. IF ADDING PIPE EXTENSIONS, PROVIDE COUPLINGS BELOW TOP OF BOOT FLASHINGS.
15. 2 SMALL MECHANICAL CURBS INDICATED ARE TO BE RAISED MIN. 8 INCHES ABOVE NEW ROOF HEIGHT. PROVIDE DUCT AND ELECTRICAL EXTENSIONS AS NEEDED FOR NEW HGT. LARGE MECHANICAL CURBS (> 36") CAN REMAIN IN PLACE WITH ADDED COUNTERFLASHING UNDER THE CURB FLANGE AS REQUIRED TO MEET WARRANTY.
16. PROVIDE TEMPORARY BARRIER FENCE AROUND DROP ZONES UNDER WORK AREA AS WORK PROGRESSES. COORDINATE WITH CONSTRUCTION MANAGER AND OWNER TO MOVE VEHICLES.
17. CONTRACTOR TO REMOVE ALL FLAMMABLE MATERIALS. (IE. PRIMERS, ADHESIVE AND CLEANERS) FROM THE ROOF AT THE END OF EACH DAY.
18. CONTRACTOR TO CHECK ALL GAS PIPES FOR ANY LEAKS AFTER WORK IS COMPLETED.

COLOR SELECTIONS:

1. TPO ROOF: GRAY
2. PREFINISHED METAL: CITY SCAPES GRAY (FASCIAS, COUNTER FLASHINGS, & PARAPET COPINGS)

EXISTING ROOF CONSTRUCTION:

- WEST HALF (LOWER ROOF)
1. ROCK BALLAST
 2. EPDM - LOOSE LAID
 3. 1 1/2" POLYISO RIGID INSULATION
 4. 4" EPS RIGID INSULATION
 5. EXISTING METAL DECK (SLOPED)

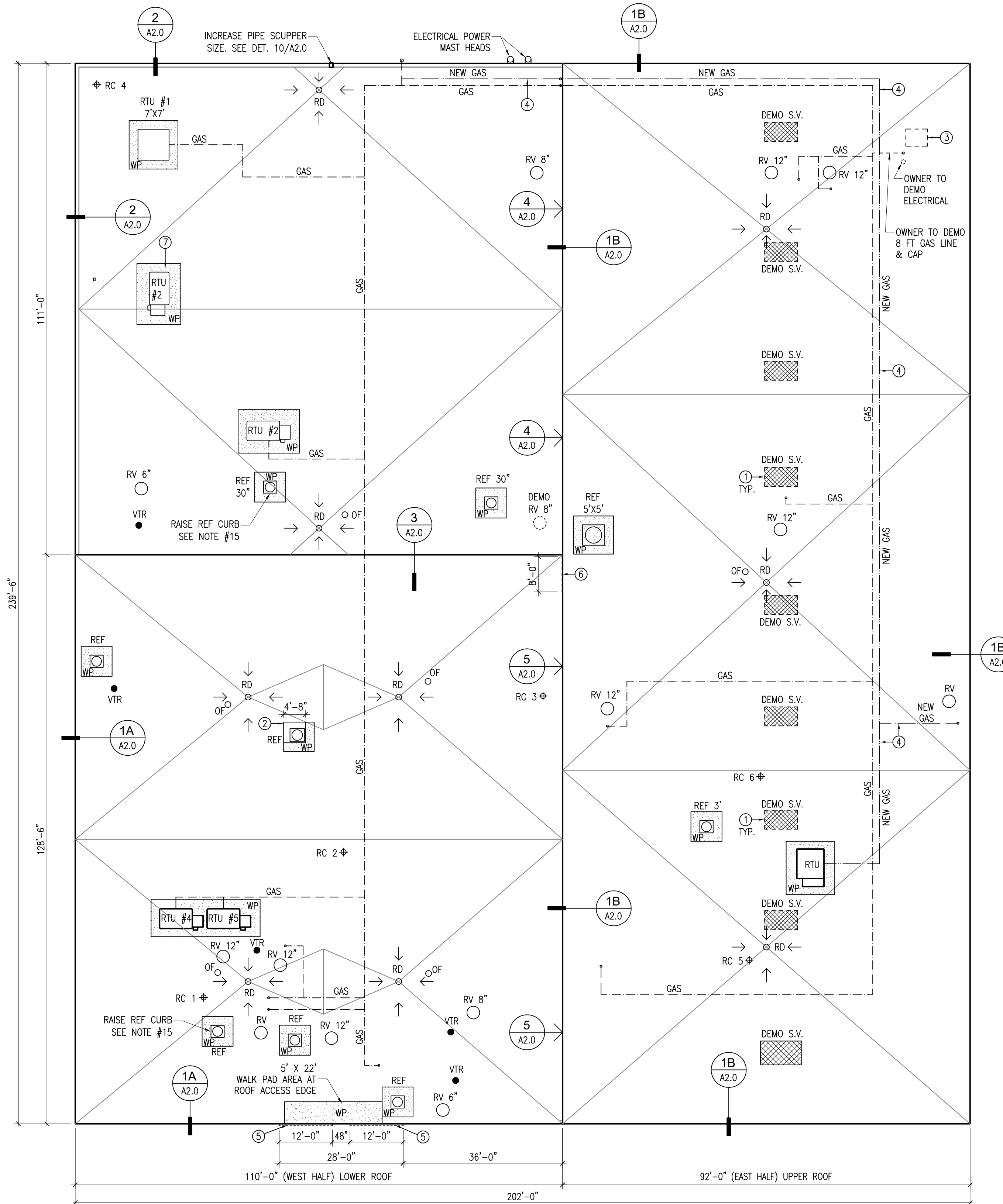
- EAST HALF (UPPER ROOF)
1. ROCK BALLAST
 2. EPDM - LOOSE LAID
 3. 4" EPS RIGID INSULATION
 4. EXISTING METAL DECK (SLOPED)

NEW ROOF CONSTRUCTION:

1. 60 MIL FULLY ADHERED TPO
2. 1/2" COVER BOARD
3. -FULLY ADHERED 5" POLYISO RIGID INSULATION (LOWER ROOF R-25 TOTAL W/ COVER BD)
-FULLY ADHERED 4" POLYISO RIGID INSULATION (UPPER ROOF)
4. EXISTING METAL DECK (SLOPED)

ROOF CORE SAMPLE INFO

- RC 1 THRU RC 4:
BOTH ARE CLEAN METAL ROOF DECK.
(NO VAPOR BARRIER)
4" EPS INSULATION + 1 1/2" POLYISO RIGID INSUL.
LOOSE LAID EPDM AND ROCK BALLAST.
- RC 5 & RC 6:
BOTH ARE CLEAN METAL ROOF DECK.
4" EPS INSULATION
LOOSE LAID EPDM AND ROCK BALLAST.



ROOF PLAN

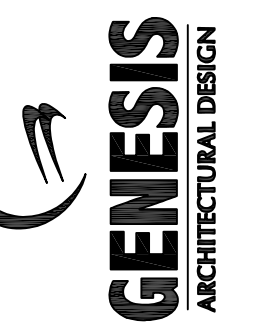
SCALE: 1/16" = 1'-0"

APPROX. 48,850 SQ. FT.



ARCHITECT

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ROOF PLAN

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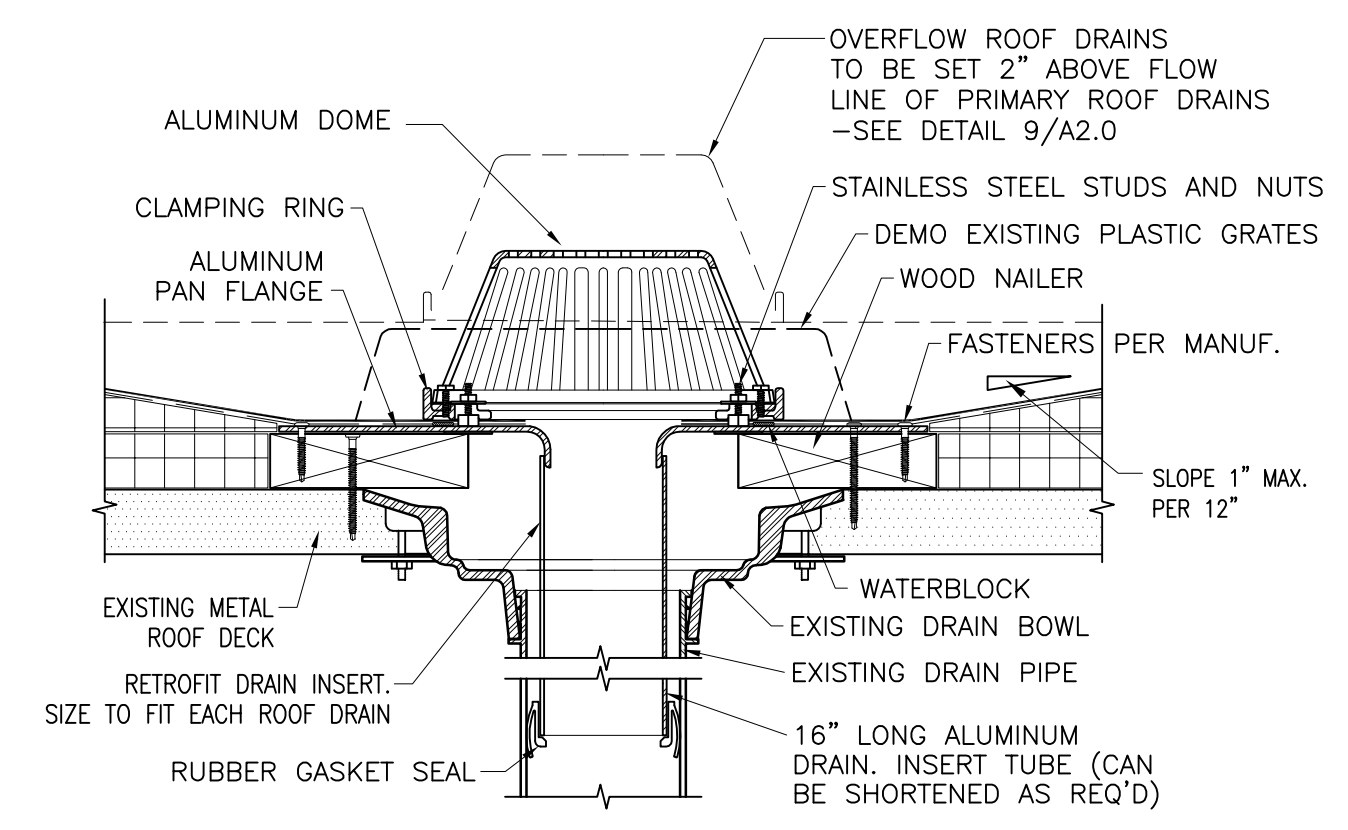
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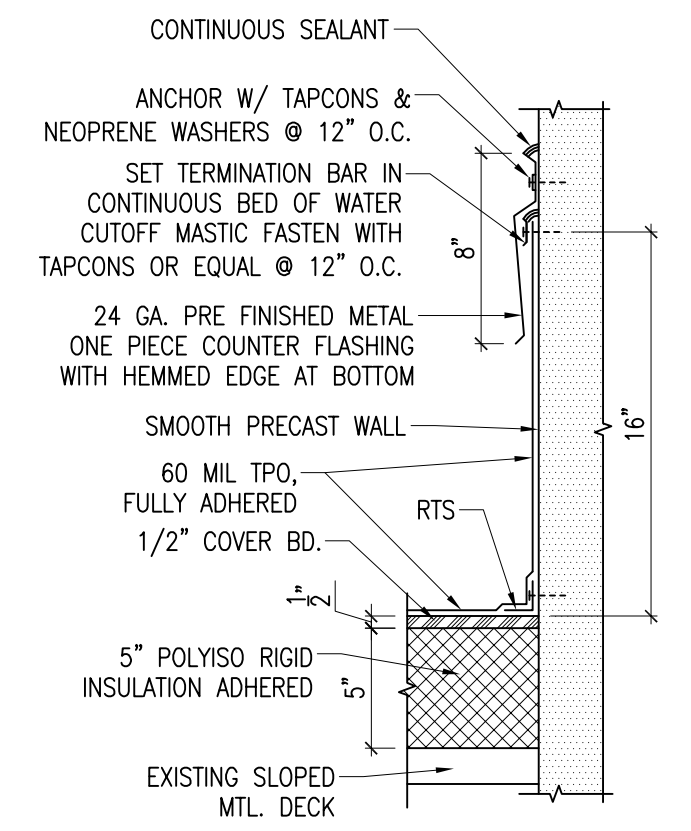
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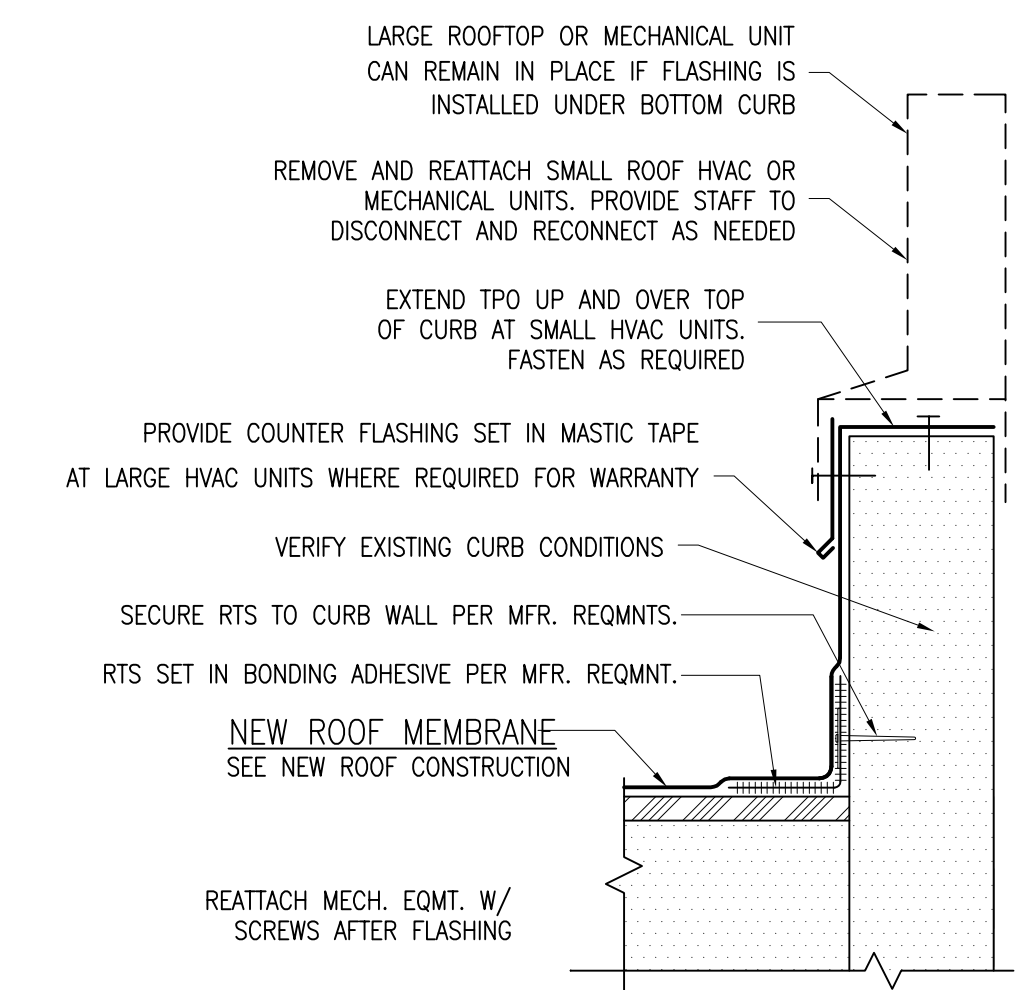
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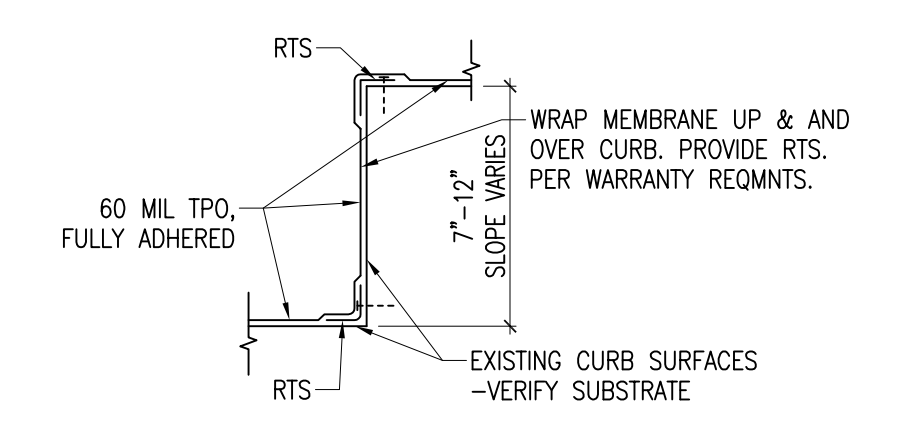
ROOF DRAIN RETROFIT INSERT DETAIL (8)
 SCALE: 3 = 1'-0"



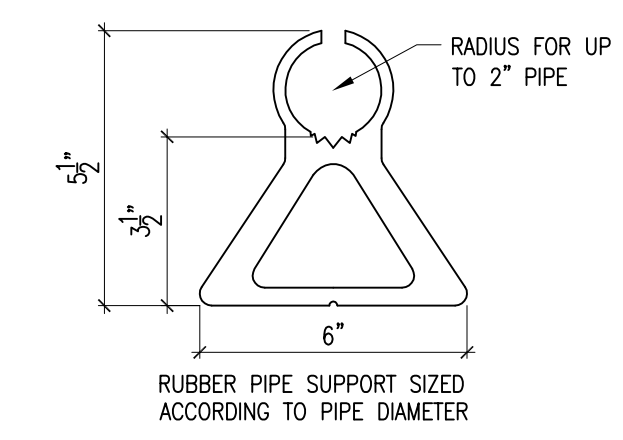
1 PC. COUNTER FLASHING DETAIL (4)
 SCALE: 1 1/2" = 1'-0"



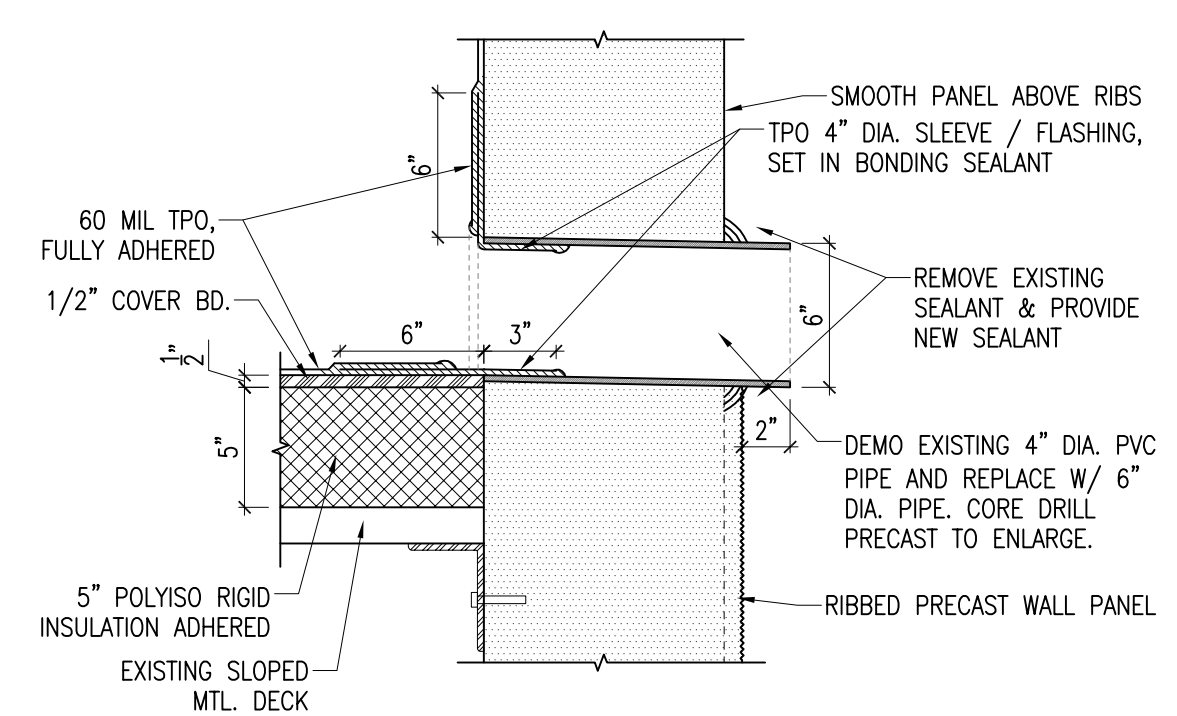
EXISTING MECH. CURB DETAIL (7)
 SCALE: 3 = 1'-0"



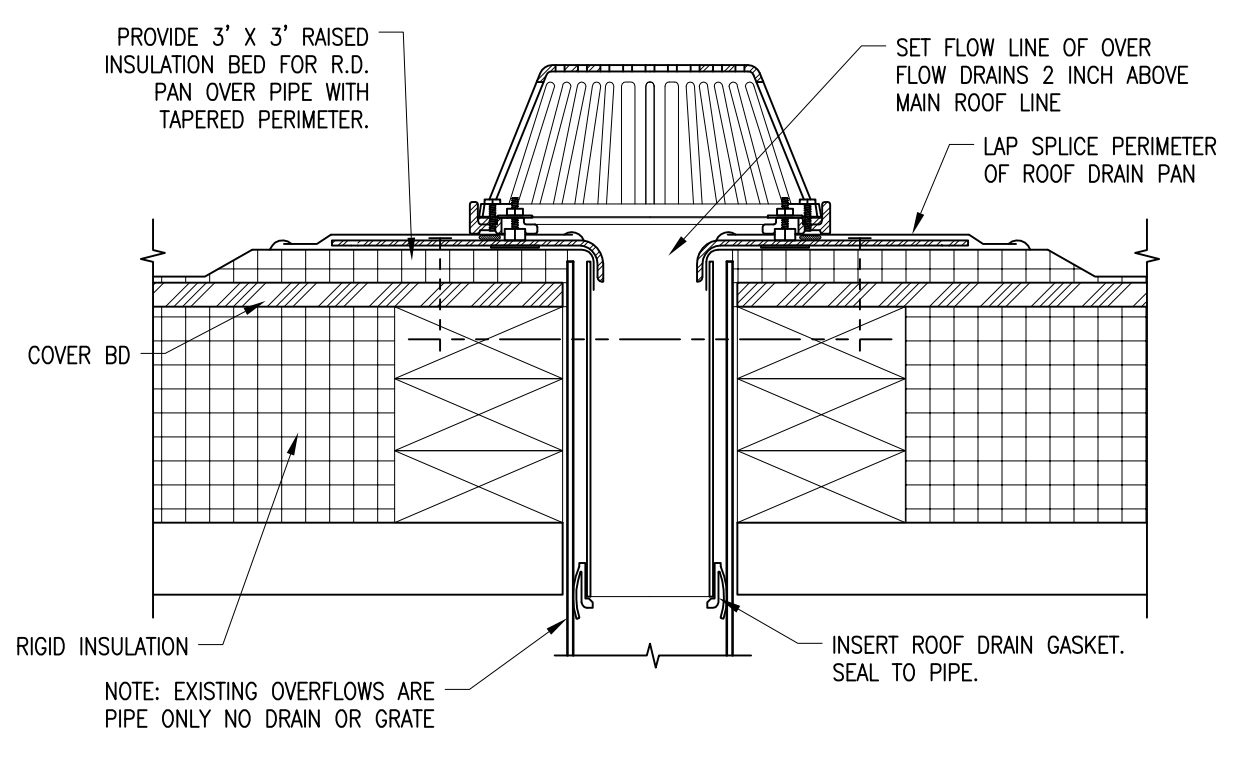
ROOF HEIGHT TRANSITION DETAIL (3)
 SCALE: 1 1/2" = 1'-0"



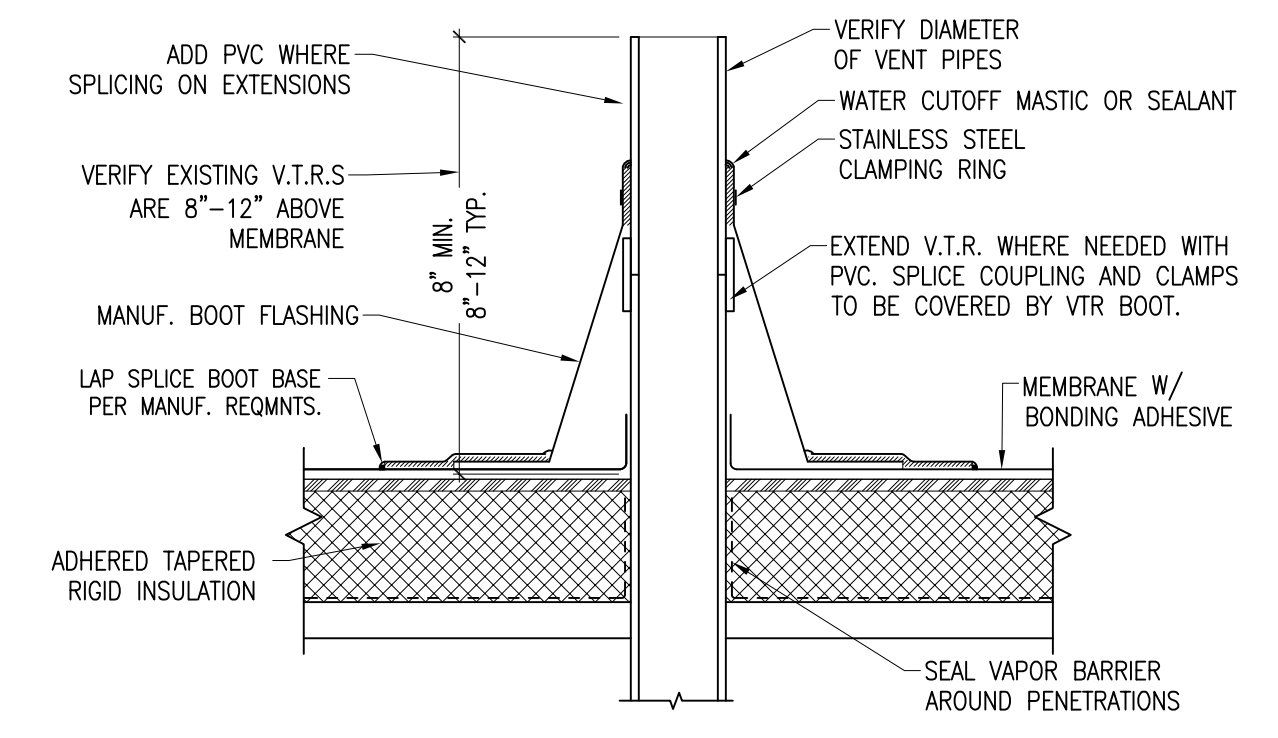
UTILITY PIPE SUPPORT DETAIL (11)
 SCALE: 3 = 1'-0"



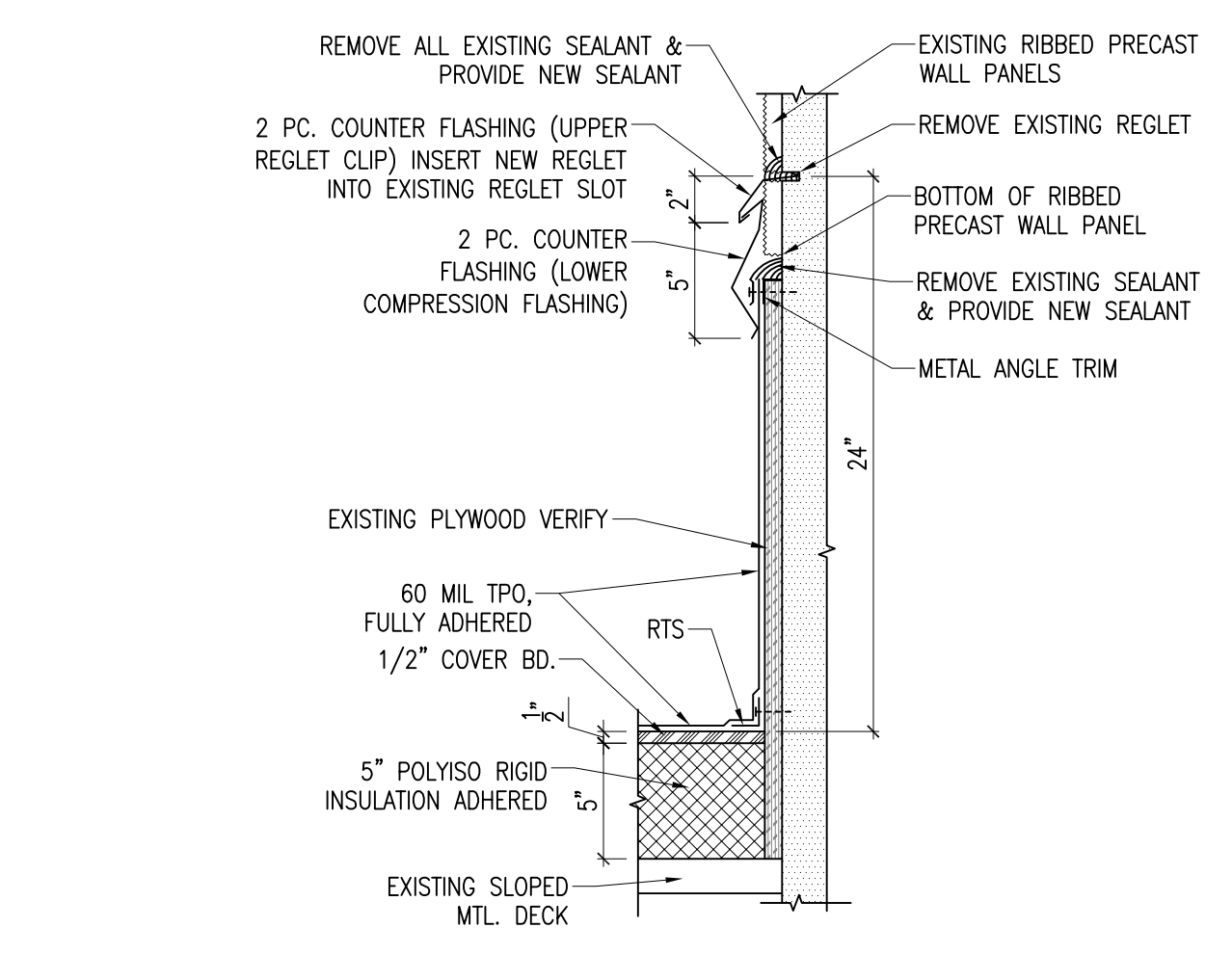
PARAPET PIPE SCUPPER DETAIL (10)
 SCALE: 1 1/2" = 1'-0"



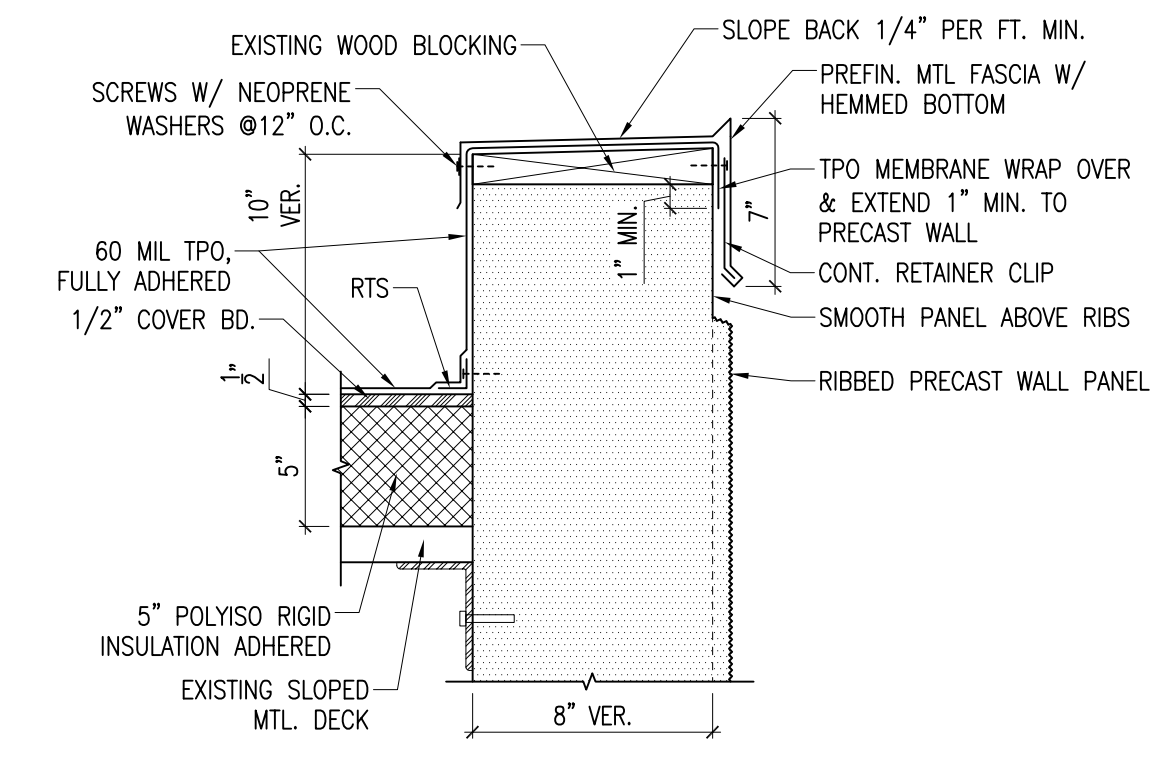
OVER FLOW ROOF DRAIN DETAIL (9)
 SCALE: 3 = 1'-0"



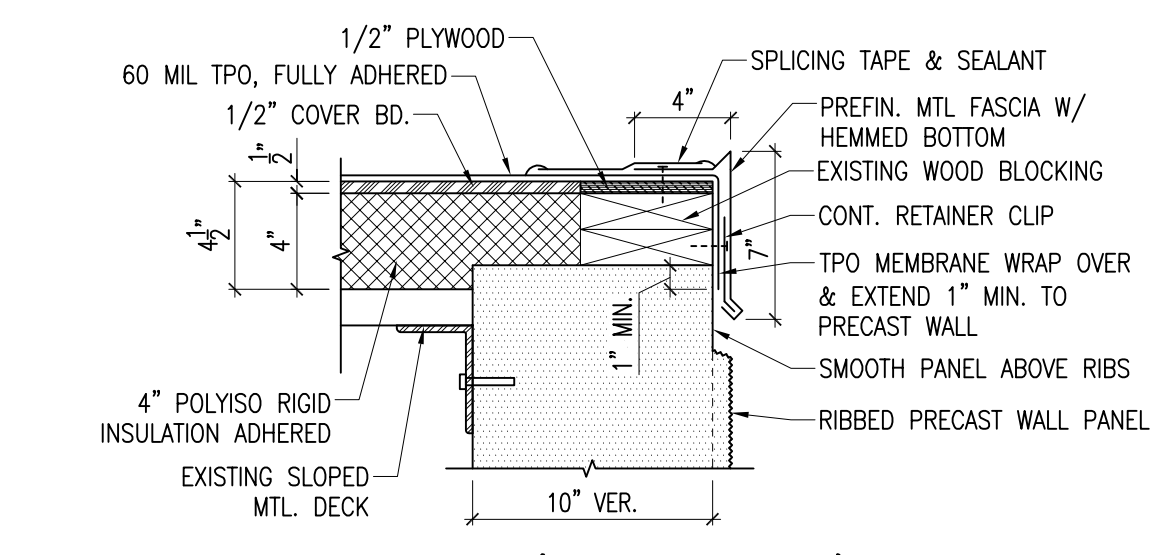
VTR DETAIL (6)
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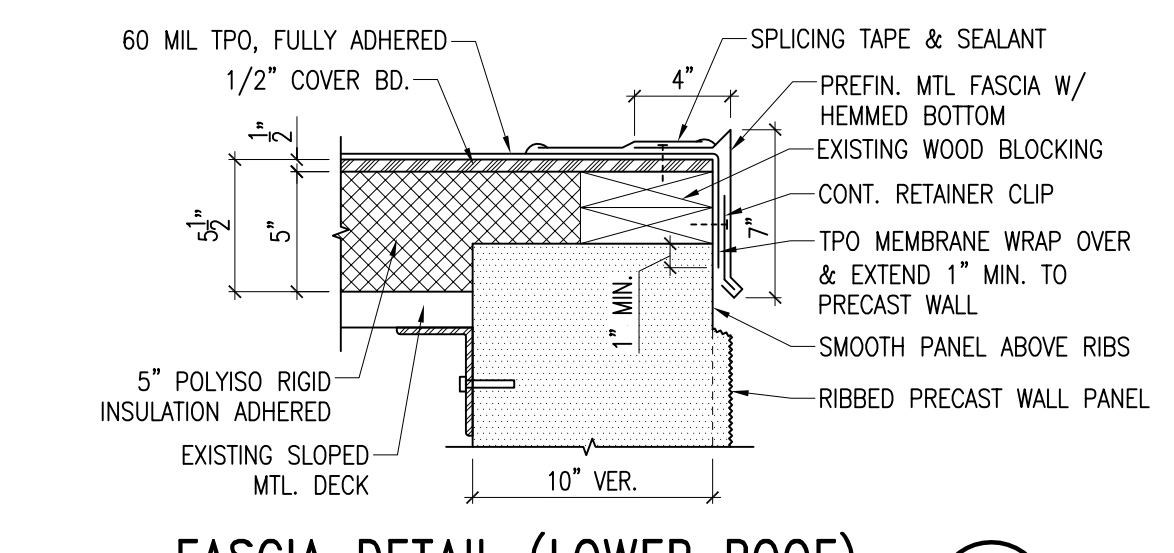
2 PC. COUNTER FLASHING DETAIL (5)
 SCALE: 1 1/2" = 1'-0"



PARAPET DETAIL (2)
 SCALE: 1 1/2" = 1'-0"



FASCIA DETAIL (UPPER ROOF) (1B)
 SCALE: 1 1/2" = 1'-0"



FASCIA DETAIL (LOWER ROOF) (1A)
 SCALE: 1 1/2" = 1'-0"