

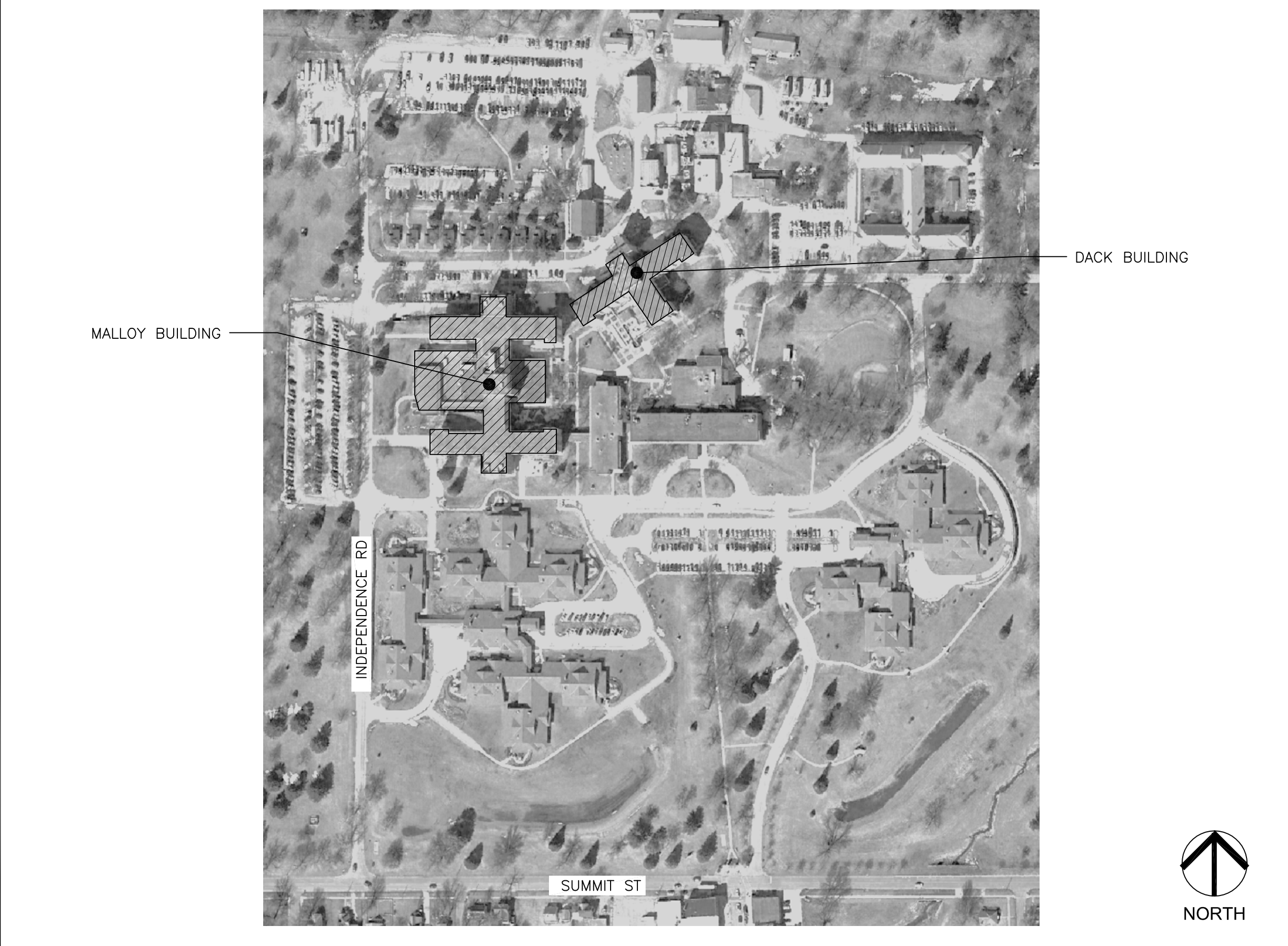
MATERIALS LEGEND

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

ABBREVIATIONS

ADJ	ADJUSTABLE	GND	GROUND	RAO	RADIUS
A/E	ARCHITECT / ENGINEER	CYP	CYP-SUM BOARD	RCJ	REINFORCED CONTROL JOINT
AHJ	AUTHORITY HAVING JURISDICTION	H	HIGH	RCMJ	REINFORCED CONC. MASONRY JOINT
ALUM	ALUMINUM	HGT	HEIGHT	RD	ROOF DRAIN
AMT	AMOUNT	HDW	HARDWARE	REBAR	REINFORCING BAR
APPROX	APPROXIMATELY	HORIZ	HORIZONTAL	REF	ROOF EXHAUST FAN
ARCH	ARCHITECT	HR	HOUR	REINFORCED	ROOF EXPANSION JOINT
ASPH	ASPHALT	IAW	IN ACCORDANCE WITH	REQ'D	REQUIRED
AVE	AVERAGE	INCL	INCLUDED	RH	ROOF HATCH
BD	BOARD	INSUL	INSULATION	RQMT	REQUIREMENT
BLDG	BUILDING	INT	INTERIOR	RM	ROOM
BLK	BLOCK	IS	INSIDE	RO	ROUGH OPENING
BRK	BRICK	IS	INSIDE	RS	ROOF SLOPE
BSMT	BASEMENT	IS	INSIDE	RTS	REINFORCED TERMINATION STRIP
BUR	BUILT UP ROOFING	IS	INSIDE	RV	ROOF VENT
CC	CENTER TO CENTER	IS	INSIDE	SCHED	SCHEDULE
CFLG	COUNTER FLASHING	IS	INSIDE	SCP	SCUPPER
CHNLS	CHANNELS	IS	INSIDE	SECT	SECTION
CJ	CONTROL JOINT	IS	INSIDE	SF	SQUARE FOOT OR FEET
CL	CENTER LINE	IS	INSIDE	SHT	SHEET
CMU	CONCRETE MASONRY UNIT	IS	INSIDE	SIM	SIMILAR
COL	COLUMN	IS	INSIDE	SKL	SKY LIGHT
CONC	CONCRETE	IS	INSIDE	SL	SIDE LIGHT
CONT	CONTINUOUS	IS	INSIDE	SL	SIDE LIGHT
CONTR	CONTRACTOR	IS	INSIDE	SPC	SPECIFICATION
CRS	COURSES	IS	INSIDE	SQ	SQUARE
CSB	CONCRETE SPLASH BLOCK	IS	INSIDE	SS	STAINLESS STEEL
CTR	CENTER	IS	INSIDE	STD	STANDARD
D	DEPTH	IS	INSIDE	STL	STEEL
DBL	DOUBLE	IS	INSIDE	STOR	STORAGE
DEMO	DEMOLITION	IS	INSIDE	SV	SMOKE VENT
DTL	DETAIL	IS	INSIDE	SUSP	SUSPENDED
DIA	DIAMETER	IS	INSIDE	T	TREAD
DIM	DIMENSION	IS	INSIDE	T&B	TOP AND BOTTOM
DN	DOWN	IS	INSIDE	T&G	TONGUE AND GROOVE
DO	REPEAT	IS	INSIDE	TOC	TOP OF CURB, TOP OF CONC.
DS	DOWNSPOUT	IS	INSIDE	TOW	TOP OF WALL
DWG	DRAWING	IS	INSIDE	TP	TUCK POINT
EA	EACH	IS	INSIDE	TWF	THROUGH WALL FLASHING
EF	EXHAUST FAN	IS	INSIDE	TYP	TYPICAL
EJ	EXPANSION JOINT	IS	INSIDE	UC	UTILITY CURB
EJF	EXPANSION JOINT FILLER	IS	INSIDE	UNO	UNLESS NOTED OTHERWISE
ELEC	ELECTRICAL	IS	INSIDE	VENT	VENTILATOR
ELEV	ELEVATION	IS	INSIDE	VERT	VERTICAL
ENCL	ENCLOSURE	IS	INSIDE	YTR	VENT THROUGH ROOF
ENGR	ENGINEER	IS	INSIDE	W	WIDTH
EQ	EQUAL	IS	INSIDE	W/	WITH
EQUIP	EQUIPMENT	IS	INSIDE	W/O	WITHOUT
EX/EXST	EXISTING	IS	INSIDE	WA	WALL ANCHOR
EXT	EXTERIOR	IS	INSIDE	WCJ	WALL CONTROL JOINT
EXP	EXPOSED OR EXPANSION	IS	INSIDE	WD	WOOD
FND	FOUNDATION	IS	INSIDE	WDW	WINDOW
FIN	FINISH	IS	INSIDE	WEJ	WALL EXPANSION JOINT
FLR	FLOOR	IS	INSIDE	WGT	WEIGHT
FLM	FULL LENGTH MIRROR	IS	INSIDE	WPF	WATERPROOFING
FO	FINISH OPINING	IS	INSIDE	WP	WALKPAD
FR	FRAME	IS	INSIDE	WS	WEATHER STRIP
FT	FOOT OR FEET	IS	INSIDE	WVF	WELDED WIRE FABRIC
GA	GAUGE	IS	INSIDE	WWM	WELDED WIRE MESH
GALV	GALVANIZED	IS	INSIDE		

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		
			SEE XX/X.XX		

CONTACT INFO:

OWNERS:
STATE OF IOWA, DEPARTMENT OF ADMINISTRATIVE SERVICES
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C: 515-360-7716
EMAIL: BRAD.TONYAN@IOWA.GOV

CLIENT:
IOWA VETERANS HOME
1301 SUMMIT STREET
MARSHALLTOWN, IA 50158
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SHEET INDEX

ARCHITECTURAL

A0.0	COVER, SHEET INDEX, CONTACTS, SYMBOLS, & ABBREVIATIONS
A0.1	LOCATIONS AND STAGING MAPS
A1.0	DACK ROOF PLAN
A1.1	MALLOY ROOF PLAN NORTH SECTION
A1.2	MALLOY ROOF PLAN SOUTH SECTION
A2.0	ENLARGED PLANS & DETAILS
A3.0	DETAILS
A3.1	DETAILS

ARCHITECT

939 OFFICE PARK ROAD SUITE 101
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PROJECT TITLE

**DVA IVH
DACK AND MALLOY BUILDING
ROOF REPLACEMENTS**
IOWA VETERANS HOME
1301 SUMMIT STREET
MARSHALLTOWN, IA 50158

SHEET CONTENTS

COVER SHEET INDEX
SYMBOLS & ABBREVIATIONS

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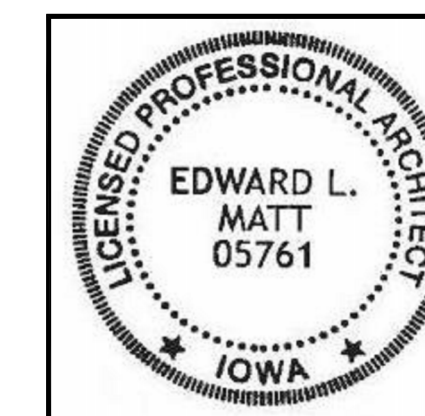
DAS PROJECT NO.
9483.00

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1 OF: 8

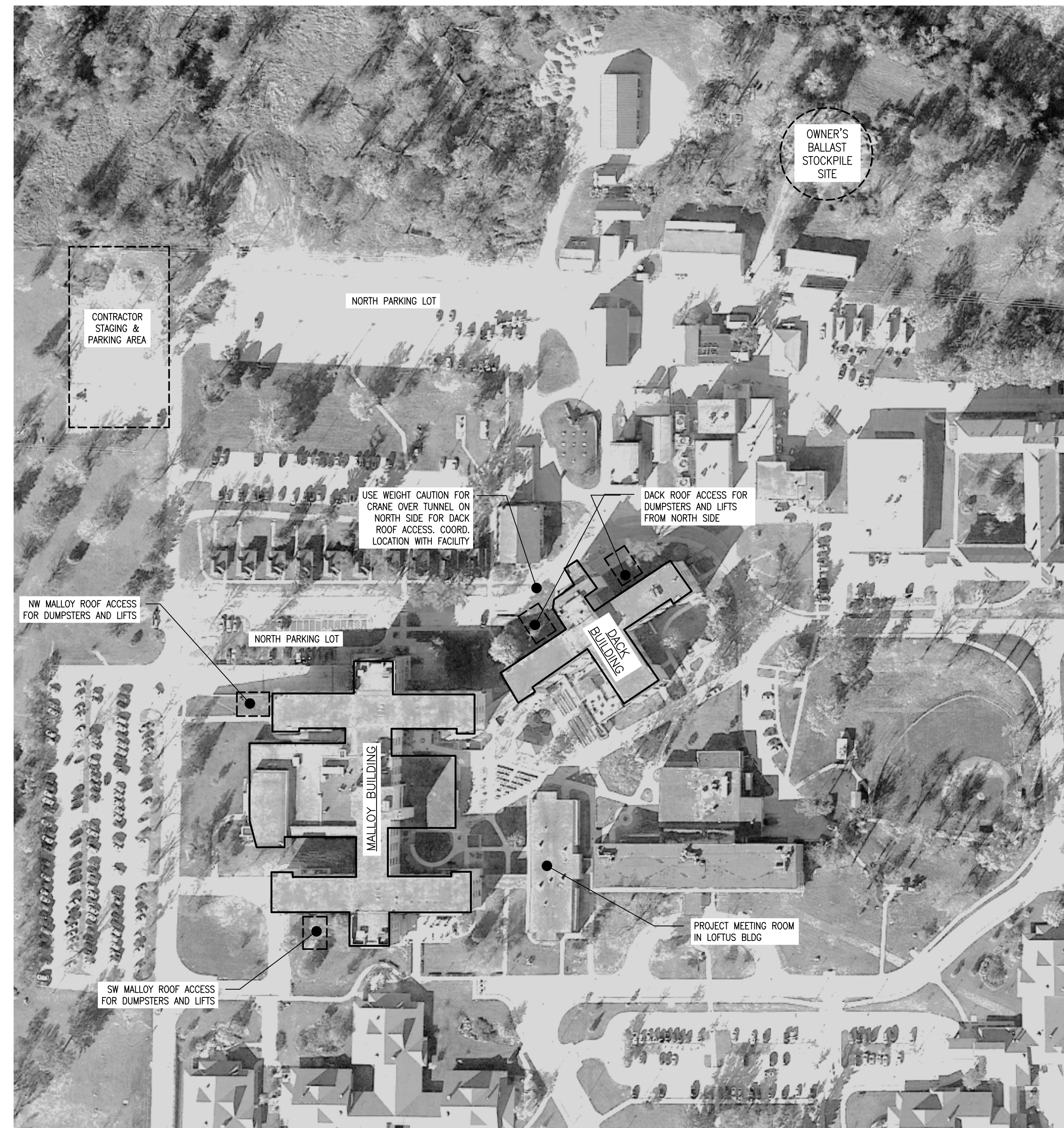


I hereby certify that the portion of this technical submission described below was prepared by me or under my supervisor and responsible charge. I am a duly registered Architect under the laws of the State of Iowa.

Signature: *Edward L. Matt* 05761
Edward L. Matt Reg. No.
Pages or sheets covered in part or whole by this seal:
A0.0, A0.1, A1.0, A1.1, A1.2, A2.0, A3.0 & A3.1.
Date Issued: March 31, 2026

SECURITY AND STAGING NOTES:

1. CONTRACTOR'S PERSONNEL TO FOLLOW ALL RULES FOR CONSTRUCTION WORKERS. SEE SPECIFICATION FOR REQUIREMENTS.
2. COORDINATE ALL BUILDING AND SECURITY ISSUES WITH FACILITIES DIRECTOR AND OWNER'S CONSTRUCTION MANAGER.
3. CONTRACTOR TO COORDINATE PROPOSED DAILY WORK SEQUENCE SCHEDULE WITH IVH STAFF AND CONSTRUCTION MANAGER. IDENTIFY WORK AREA FOR EACH DAY'S WORK AND PLANNED SEQUENCE FOR ALL SECTIONS.
4. ALL WORK AREAS ARE TO BE THOROUGHLY CLEANED UP AT THE END OF EACH DAY. REMOVE LIFTS, DEMO CARTS, AND ALL DEMOLISHED MATERIALS AND CONSTRUCTION WASTE OUTSIDE WORK AREA DAILY TO CONTRACTOR'S DUMPSTER LOCATION.
5. COORDINATE DUMPSTER, CHUTE & ROOF ACCESS LOCATIONS WITH OWNER. SEE MAP FOR PROPOSED LOCATION ON EACH BUILDING.
6. SEE MAP FOR CONTRACTOR'S EQUIPMENT, MATERIAL, STAGING AND PARKING LOCATIONS.
7. SEE MAP FOR IDENTIFIED AREAS OF ROOF ACCESS.
8. SEE SPECIFICATION FOR WORK HOURS. COORDINATE WITH FACILITY FOR ANY PROPOSED EXTENDED WORK HOURS INCLUDING WEEKENDS. FACILITY WILL NEED TO PROVIDE DEDICATED STAFF FOR ANY EXTENDED WORK HOURS.
9. PROVIDE TEMPORARY BARRIERS AND CAUTION LINES AROUND ROOF ACCESS AREAS AND DROP AREAS UNDER EACH SECTION OF WORK, AND RELOCATE AS WORK PROGRESSES.
10. PROVIDE COVERED SCAFFOLD OVER ALL ENTRANCES AND EXTERIOR DOORS MIN. 2 SECTIONS IN LENGTH. MOVE PROTECTIVE SCAFFOLDS TO DOORWAYS IN EACH SECTION OF WORK AS WORK PROGRESSES.
11. PROTECT EXISTING SIDEWALKS AND PAVING FROM EQUIPMENT DAMAGE. REPAIR ANY DAMAGED AREAS AND RESTORE TO MATCH ADJACENT AREAS.
12. CONTRACTOR TO PROTECT AND REPAIR ALL AREAS OF DAMAGED LAWN. REPAIR RUTS AND RESEED. FACILITY WILL WATER UNTIL LAWN HAS BEEN RE-ESTABLISHED.



NORTH

AERIAL STAGING MAP
 N.T.S.

ARCHITECT

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LOCATION
 AND
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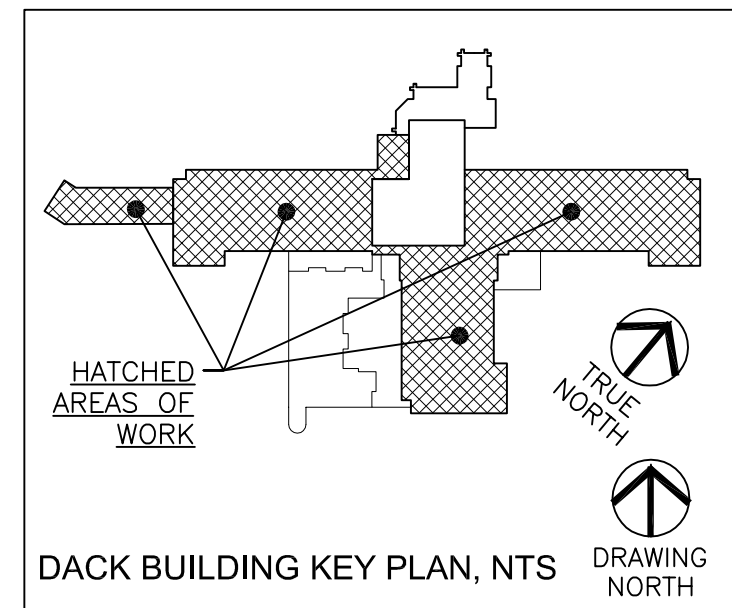
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ROOF SYMBOLS & NOTES:

- VTR - VENT THRU ROOF SEE DETAIL 4/A3.0
- RD - ROOF DRAIN SEE DETAIL 10/A3.0
- ☐ REF - ROOF EXHAUST FAN SEE DETAIL 6/A3.0 SIM.
- ⊙ EV - EXHAUST VENT SEE DETAIL 6/A3.0 SIM.
- RAI - ROOF AIR INTAKE SEE DETAIL 6/A3.0 SIM.
- SV - SMOKE VENT SEE DETAIL 6/A3.0 SIM.
- ⊗ CU - CONDENSING OR COOLING UNIT SEE DETAIL 6/A3.0 SIM.
- ▬ REJ - ROOF EXPANSION JOINT SEE DETAIL 3/A3.0
- ⌌ RL - ROOF LADDER SEE DETAIL 6/A2.0
- ≡ EOFS - EXISTING OVER FLOW SCUPPER SEE DETAIL 8/A3.0
- ⚡ RA - ROOF SAFETY POST ANCHOR SEE DETAIL 9/A3.0
- ⚡ WA - ROOF SAFETY WALL ANCHOR SEE SPECIFICATION
- W.P. - WALK PAD AT LOCATIONS INDICATED
- RC - ROOF CORE #_ SEE INFO SHEET A2.0

KEYNOTE:

- 1 REPLACE VERTICAL SEALANT JOINT ON WALL APPROX. 4 LIN. FT. HIGH EACH.
- 2 FLASH TWO UTILITY PENETRATION CURB BOXES SIMILAR TO MECHANICAL CURB DET. 6/A3.0. REMOVE & REINSTALL COOLING LINE PIPE SUPPORTS.
- 3 BUILD FOUR 2X6 STACKED SOLID WOOD CURBS 4 FT. LONG. WRAP CURBS WITH EPDM. TOPS OF CURBS +4" ABOVE ROOF LINE. SHORE UP AND REATTACH COOLING UNIT LEGS TO NEW CURBS. SHIM LEGS TO LEVEL UNITS.
- 4 REMOVE AND REINSTALL METAL PARAPET CAP. PROVIDE NEW SEALANT AT SPICES AND ENDS
- 5 PATCH HOLES IN CONCRETE WALLS AT REMOVED GUARDRAILS AND ROOF LADDERS WITH SEALANT

GENERAL ROOF NOTES:

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. HAUL ROCK BALLAST TO OWNER'S ON-SITE STOCKPILE.
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. ADJUST FLOW LINES IN EXISTING OVERFLOW SCUPPERS AS NEEDED. REPLACE SCUPPER BOXES WHERE EXISTING CAN NOT BE REUSED.
15. 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.
16. SMALL MECHANICAL CURBS (< 36") ARE TO HAVE EPDM WRAPPED OVER CURBS. COORD. ANY SHUTDOWNS WITH FACILITY. RAISE NON-DUCTED CURBS AS NEEDED. LARGE MECHANICAL CURBS (> 36") CAN REMAIN IN PLACE AND HAVE COUNTERFLASHING ADDED UNDER THE CURB FLANGE AS REQUIRED TO MEET WARRANTY.
17. PROVIDE CONTINUOUS VAPOR BARRIER ON CONCRETE DECK. PATCH ALL HOLES AT FASTENERS, ABANDONED EQUIPMENT, AND OTHER PENETRATIONS TO MAKE VAPOR BARRIER CONTINUOUS. TURN UP VAPOR BARRIER MIN. 2 INCHES AT PERIMETER, ALL VENTS, AND OTHER PENETRATIONS.
18. PROVIDE TREATED WOOD BLOCKING WHERE WOOD IS IN CONTACT WITH CONCRETE.
19. VERIFY ROOF GEOMETRY AND SLOPES WITH NEW TAPERED INSULATION STACKS.

COLOR SELECTIONS:

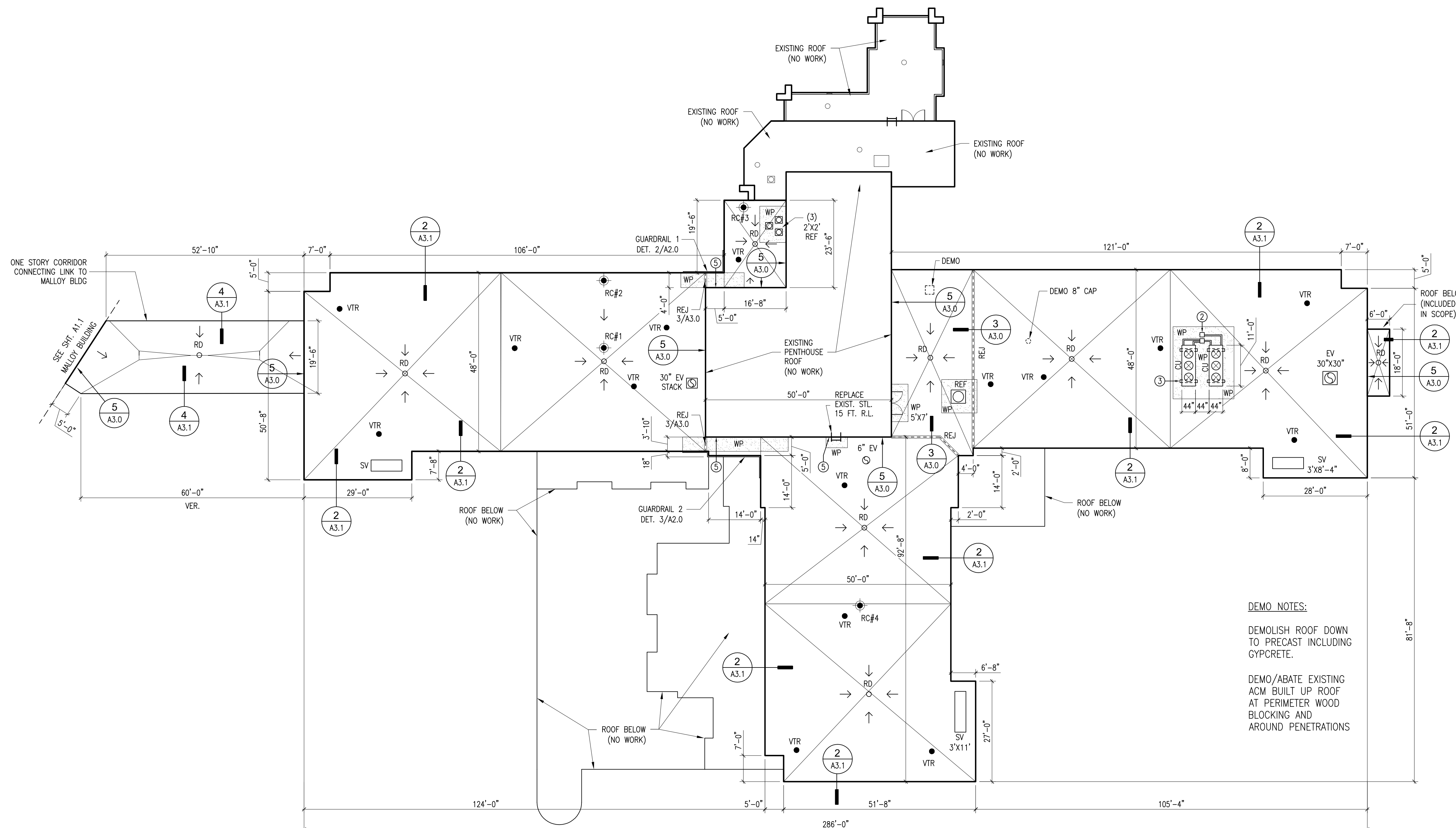
1. EPDM ROOF: BLACK
2. PREFINISHED METAL: MEDIUM BRONZE (FASCIAS, COUNTER FLASHINGS & TRIM)

EXISTING ROOF CONSTRUCTION:

1. ROCK BALLAST
2. 60 MIL LOOSE LAID EPDM
3. TAPERED RIGID INSULATION 3 1/2" TO 1" (LOOSE)
4. EXISTING BUILT UP ROOF (ACM)
5. SLOPED GYPCRETE - VARIES 6" TO 3 1/2"
6. EXISTING PRECAST CONCRETE DECK (FLAT)

NEW ROOF CONSTRUCTION:

1. 60 MIL FULLY ADHERED EPDM
2. 1/2" COVER BOARD
3. TAPERED POLYISOCYANURATE RIGID INSULATION (FULLY ADHERED)
4. 1/2" GYSPUM SUBSTRATE BOARD
5. SELF-ADHERED VAPOR BARRIER
6. EXISTING PRECAST CONCRETE DECK (FLAT)



DEMO NOTES:

- DEMOLISH ROOF DOWN TO PRECAST INCLUDING GYPCRETE.
- DEMO/ABATE EXISTING ACM BUILT UP ROOF AT PERIMETER WOOD BLOCKING AND AROUND PENETRATIONS

DACK ROOF PLAN

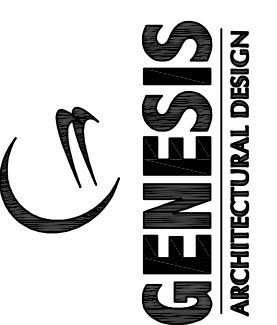
APPROX. 20,000 SQ. FT.

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



ARCHITECT

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DACK ROOF PLANS

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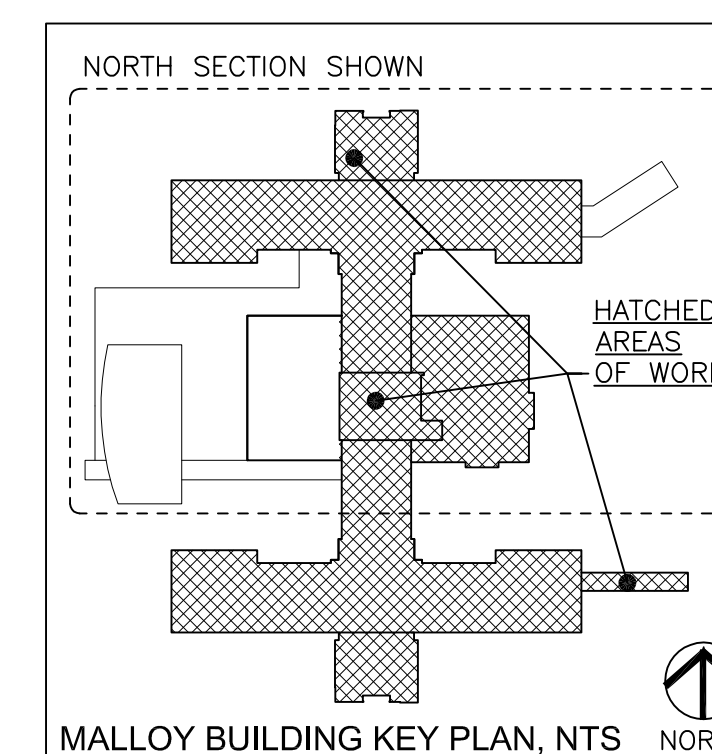
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KEYNOTES:

- 1 PROVIDE TWO 4FT LONG 2X6 CURBS AND WRAP WITH EPDM. RUN EAST/WEST/ TOP OF CURBS 4" ABOVE ROOF LINE. BOLT DOWN OWNER FURNISHED ALARM HORN FRAME TO CURBS. ANCHOR TO RESIST WIND UPLIFT.
- 2 REMOVE AND REPLACE PITCH POCKET AROUND FOOT OF STRINGER. (ONE SIDE EACH).
- 3 FIELD WRAP ALL SQUARE TUBE EQUIPMENT AND BEAM SUPPORTS. SEE 1/A2.0 FOR LOCATIONS.
- 4 SHORE UP DUCT, WRAP EXISTING CURB W/ EPDM AND REATTACH DUCT SUPPORT LEGS.
- 5 INFILL DECK OPENING WITH TREATED 2X4'S PERIMETER AND AT 2 FT. O.C. INSIDE OPENING. ATTACH 3/4" TREATED PLYWOOD FLUSH WITH DECK.
- 6 REMOVE AND REINSTALL PARAPET CAP.

ROOF SYMBOLS & NOTES:

- | | | | |
|-----------------------------------|------------------------|-------------------------------------|------------------------|
| ● VTR - VENT THRU ROOF | SEE DETAIL 4/A3.0 | --- REJ - ROOF EXPANSION JOINT | SEE DETAIL 3/A3.0 |
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2. PREFINISHED METAL: MEDIUM BRONZE (FASCIAS, COUNTER FLASHINGS & TRIM)

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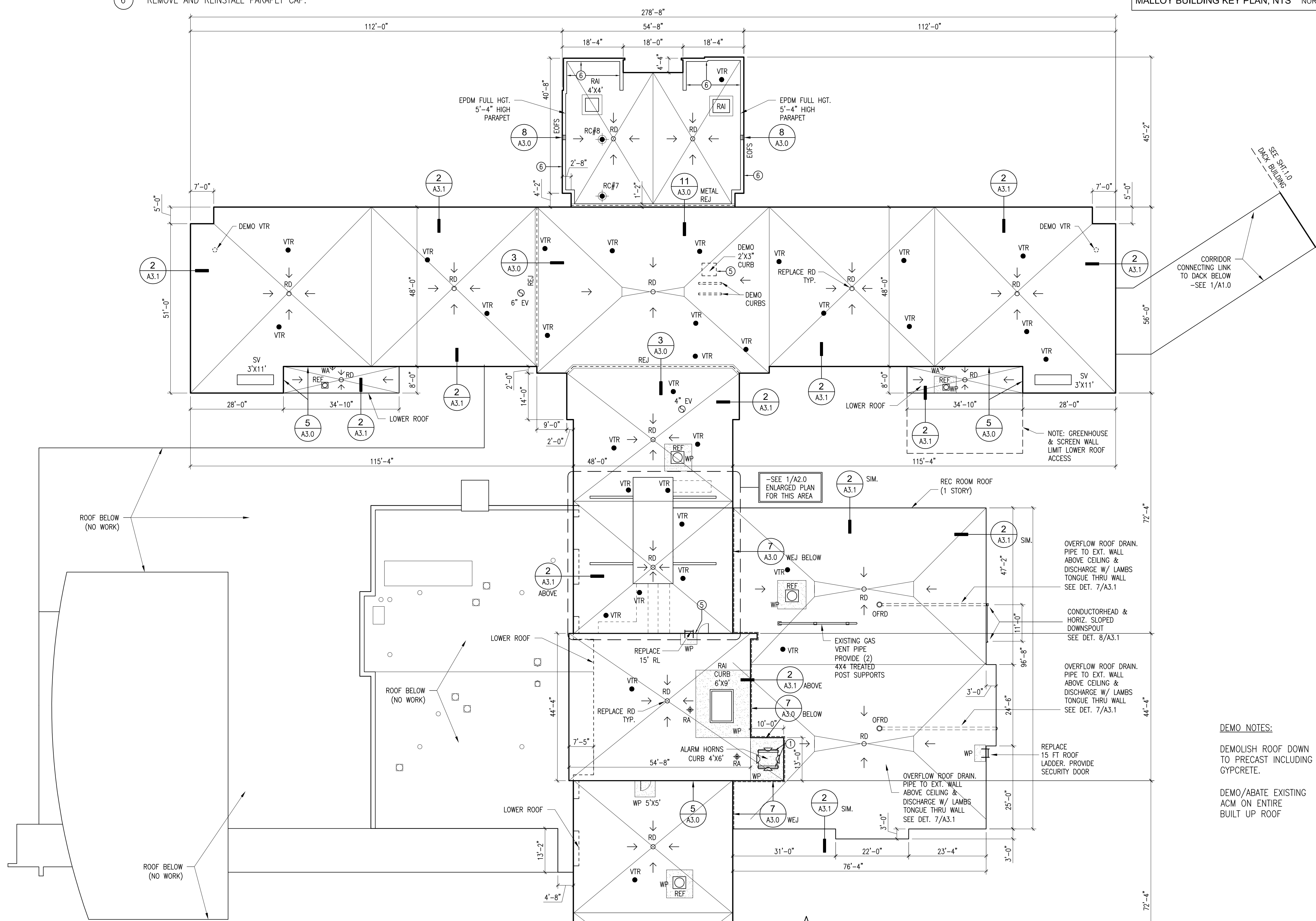
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4. EXISTING BUILT UP ROOF (ACM)
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1. 60 MIL FULLY ADHERED EPDM
2. 1/2" COVER BOARD
3. TAPERED POLYISOCYANURATE RIGID INSULATION (FULLY ADHERED)
4. 1/2" GYSPUM SUBSTRATE BOARD
5. SELF-ADHERED VAPOR BARRIER
6. EXISTING PRECAST CONCRETE DECK (FLAT)

DEMO NOTES:

- DEMOLISH ROOF DOWN TO PRECAST INCLUDING GYPCRETE.
- DEMO/ABATE EXISTING ACM ON ENTIRE BUILT UP ROOF



MALLOY ROOF PLAN NORTH SECTION
SCALE: 1/16" = 1'-0"

APPROX. 56,863 SQ. FT.
(INCLUDES NEXT PAGE)

1
A1.1

ARCHITECT
939 OFFICE PARK ROAD SUITE 101
WEST DES MOINES, IOWA 50265-2505
TEL: 515-440-1681
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PROJECT TITLE

**DVA IVH
DACK AND MALLOY BUILDING
ROOF REPLACEMENTS**
IOWA VETERANS HOME
1301 SUMMIT STREET
MARSHALLTOWN, IA 50158

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MALLOY ROOF PLAN
NORTH SECTION

REVISIONS

NOTE	DATE

DAS PROJECT NO.
9483.00

GENESIS PROJECT NO.
2516

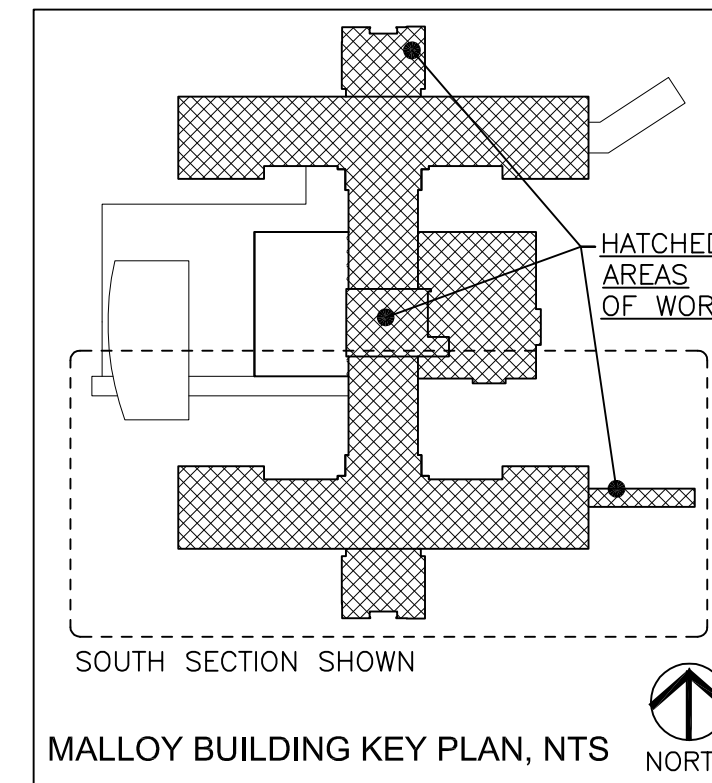
ISSUE DATE
03-31-2026

SHEET NUMBER
A1.1

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ROOF SYMBOLS & NOTES:

- VTR - VENT THRU ROOF SEE DETAIL 4/A3.0
- RD - ROOF DRAIN SEE DETAIL 10/A3.0
- ☐ REF - ROOF EXHAUST FAN SEE DETAIL 6/A3.0 SIM.
- ☉ EV - EXHAUST VENT SEE DETAIL 6/A3.0 SIM.
- ☐ RAI - ROOF AIR INTAKE SEE DETAIL 6/A3.0 SIM.
- ☐ SV - SMOKE VENT SEE DETAIL 6/A3.0 SIM.
- ☐ CU - CONDENSING OR COOLING UNIT SEE DETAIL 6/A3.0 SIM.
- REJ - ROOF EXPANSION JOINT SEE DETAIL 3/A3.0
- ┌ RL - ROOF LADDER SEE DETAIL 6/A2.0
- ≡ EOFS - EXISTING OVER FLOW SCUPPER SEE DETAIL 8/A3.0
- ⚡ RA - ROOF SAFETY POST ANCHOR SEE DETAIL 9/A3.0
- ▼ WA - ROOF SAFETY WALL ANCHOR SEE SPECIFICATION
- W.P. - WALK PAD AT LOCATIONS INDICATED
- RC - ROOF CORE #_ SEE INFO SHEET A2.0



GENERAL ROOF NOTES:

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. HAUL ROCK BALLAST TO OWNER'S ON-SITE STOCKPILE.
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. ADJUST FLOW LINES IN EXISTING OVERFLOW SCUPPERS AS NEEDED. REPLACE SCUPPER BOXES WHERE EXISTING CAN NOT BE REUSED.
15. 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.
16. SMALL MECHANICAL CURBS (< 36") ARE TO BE MIN. 8 INCHES ABOVE NEW ROOF HEIGHT. RAISE NON-DUCTED CURBS AS NEEDED. LARGE MECHANICAL CURBS (> 36") CAN REMAIN IN PLACE AND HAVE COUNTERFLASHING ADDED UNDER THE CURB FLANGE AS REQUIRED TO MEET WARRANTY.
17. PROVIDE CONTINUOUS VAPOR BARRIER ON CONCRETE DECK. PATCH ALL HOLES AT FASTENERS, ABANDONED EQUIPMENT, AND OTHER PENETRATIONS TO MAKE VAPOR BARRIER CONTINUOUS. TURN UP VAPOR BARRIER MIN. 2 INCHES AT PERIMETER, ALL VENTS, AND OTHER PENETRATIONS.
18. PROVIDE TREATED WOOD BLOCKING WHERE WOOD IS IN CONTACT WITH CONCRETE.
19. VERIFY ROOF GEOMETRY AND SLOPES WITH NEW TAPERED INSULATION STACKS.

COLOR SELECTIONS:

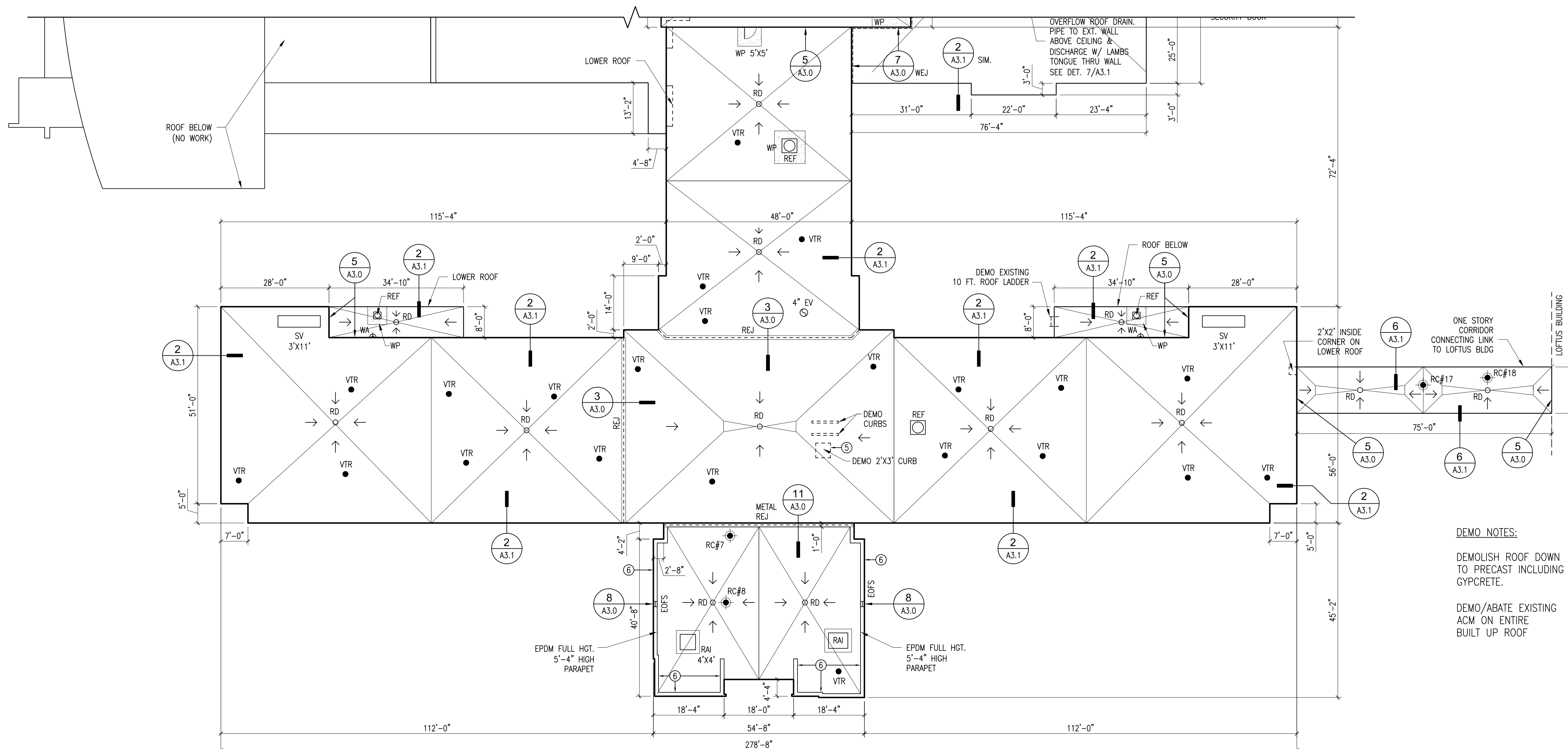
1. EPDM ROOF: BLACK
2. PREFINISHED METAL: MEDIUM BRONZE (FASCIAS, COUNTER FLASHINGS & TRIM)

EXISTING ROOF CONSTRUCTION:

1. ROCK BALLAST
2. 60 MIL LOOSE LAID EPDM
3. 2 1/2" RIGID INSULATION (LOOSE)
4. EXISTING BUILT UP ROOF (ACM)
5. GYPCRETE SLOPES 6' TO 3 1/2"
6. EXISTING PRECAST CONCRETE DECK (FLAT)

NEW ROOF CONSTRUCTION:

1. 60 MIL FULLY ADHERED EPDM
2. 1/2" COVER BOARD
3. TAPERED POLYISOCYANURATE RIGID INSULATION (FULLY ADHERED)
4. 1/2" GYPSUM SUBSTRATE BOARD
5. SELF-ADHERED VAPOR BARRIER
6. EXISTING PRECAST CONCRETE DECK (FLAT)



DEMO NOTES:

DEMOLISH ROOF DOWN TO PRECAST INCLUDING GYPCRETE.

DEMO/ABATE EXISTING ACM ON ENTIRE BUILT UP ROOF



MALLOY ROOF PLAN SOUTH SECTION

APPROX. 56,863 SQ. FT.

1

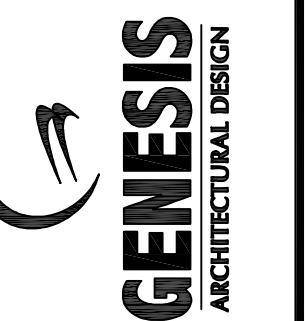
SCALE: 1/16" = 1'-0"

(INCLUDES PREVIOUS PAGE)

A1.2

ARCHITECT

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**DVA IWH
DACK AND MALLOY BUILDING
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IOWA VETERANS HOME
1301 SUMMIT STREET
MARSHALLTOWN, IA 50158

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MALLOY ROOF PLAN
SOUTH SECTION

REVISIONS

NOTE DATE

DAS PROJECT NO.

9483.00

GENESIS PROJECT NO.

2516

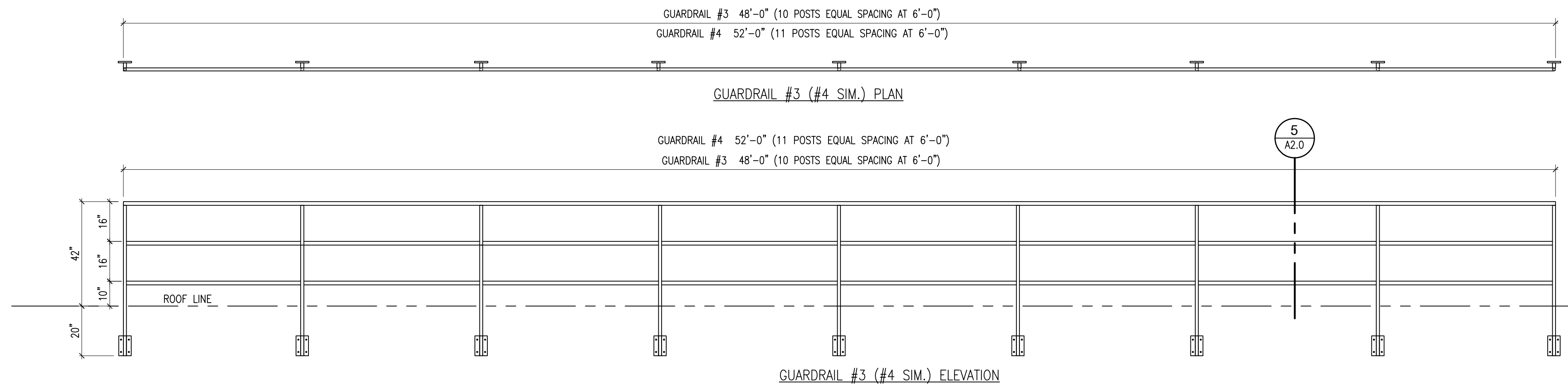
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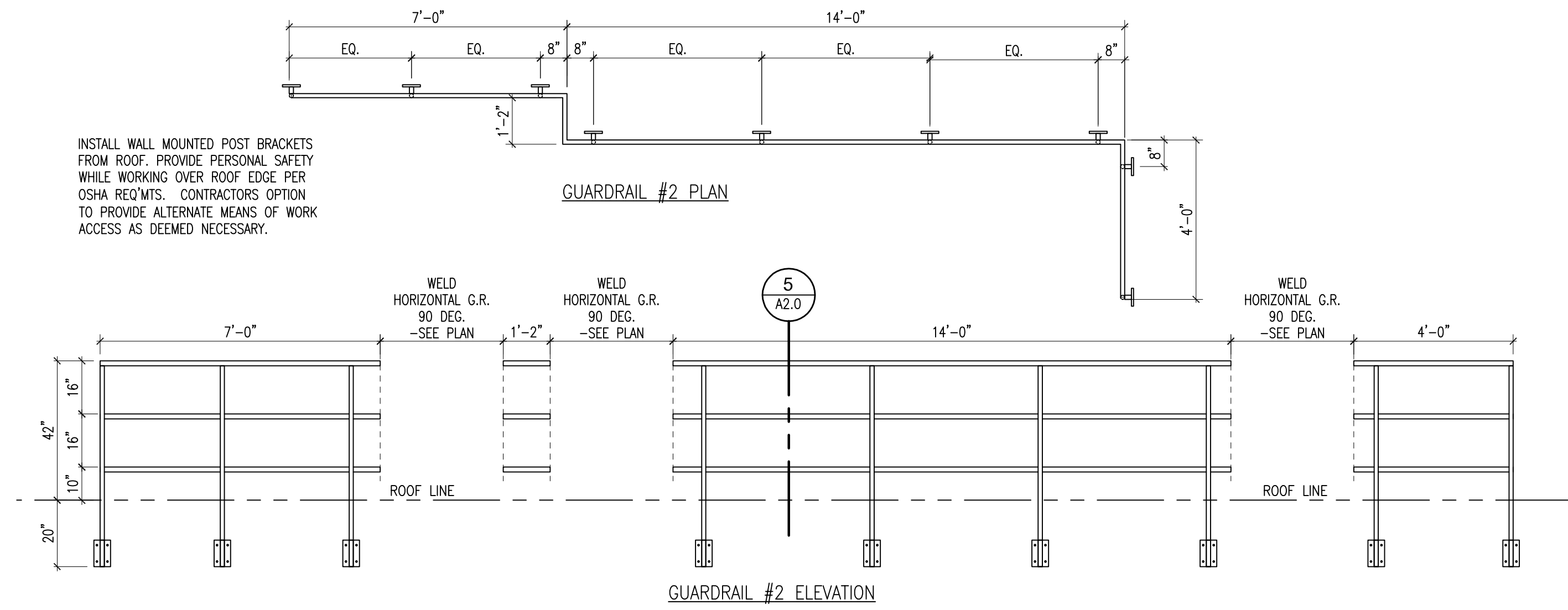
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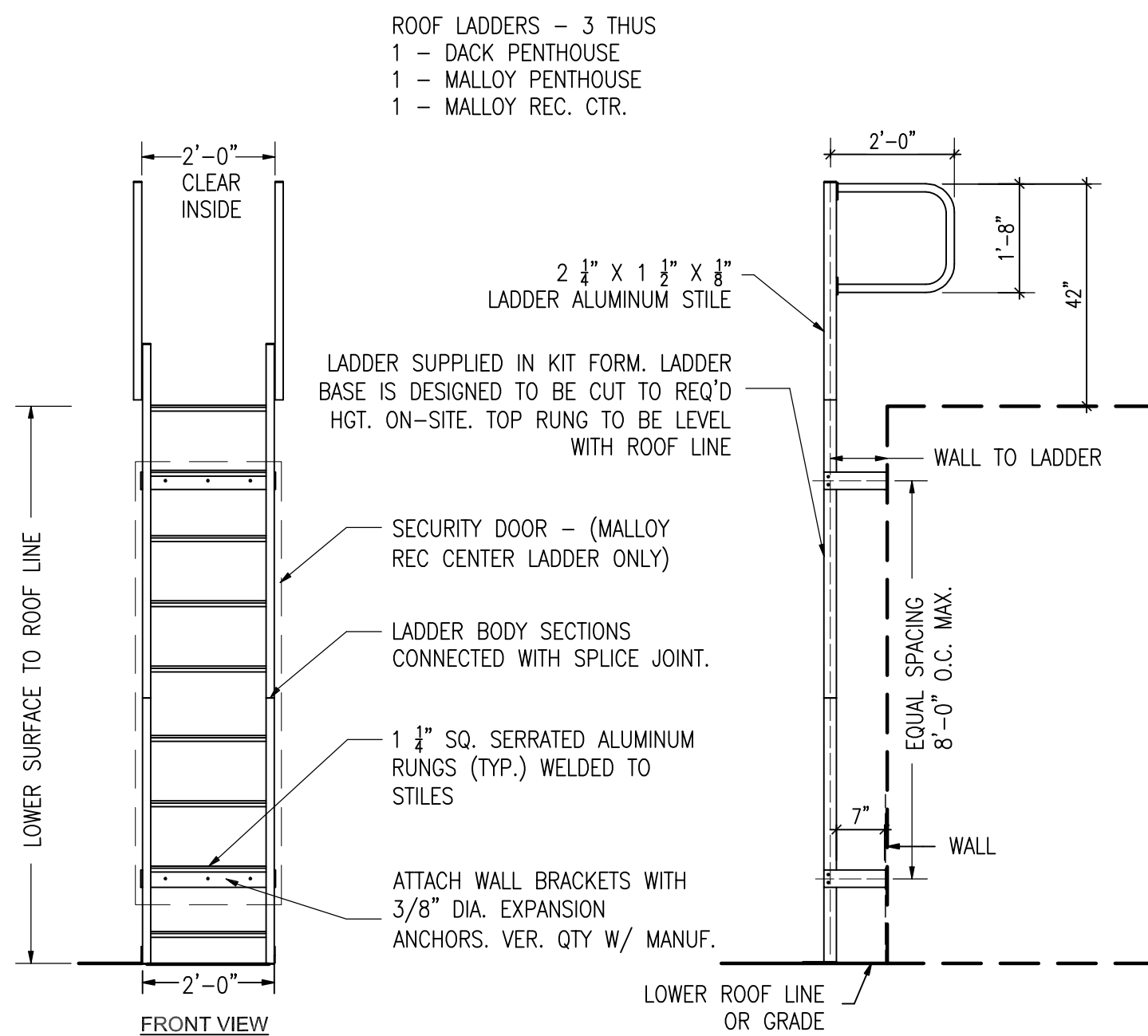
GUARDRAIL #3 (#4 SIM.) PLAN & ELEVATION - MALLOY
SCALE: 3/8" = 1'-0"

4
A2.0



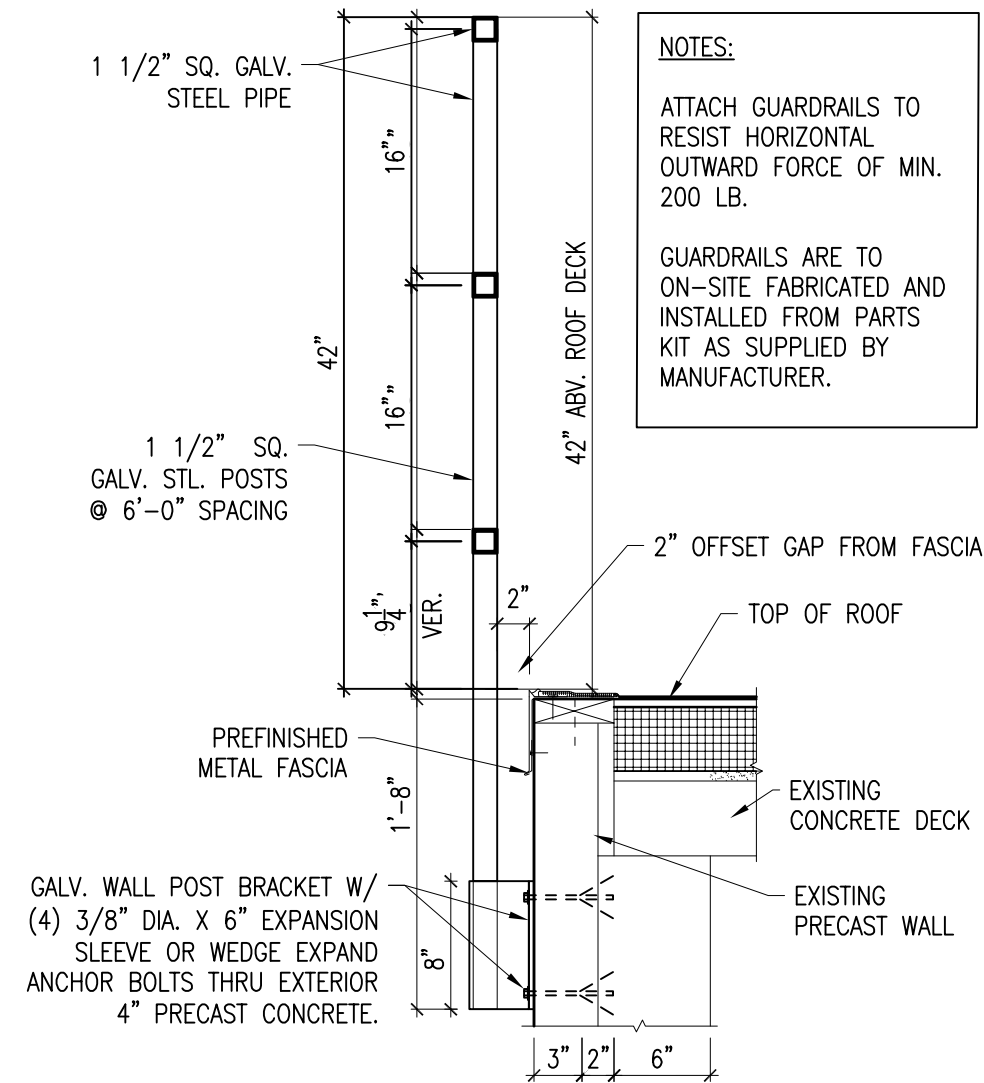
GUARDRAIL #2 PLAN & ELEVATION - DACK
SCALE: 3/8" = 1'-0"

3
A2.0



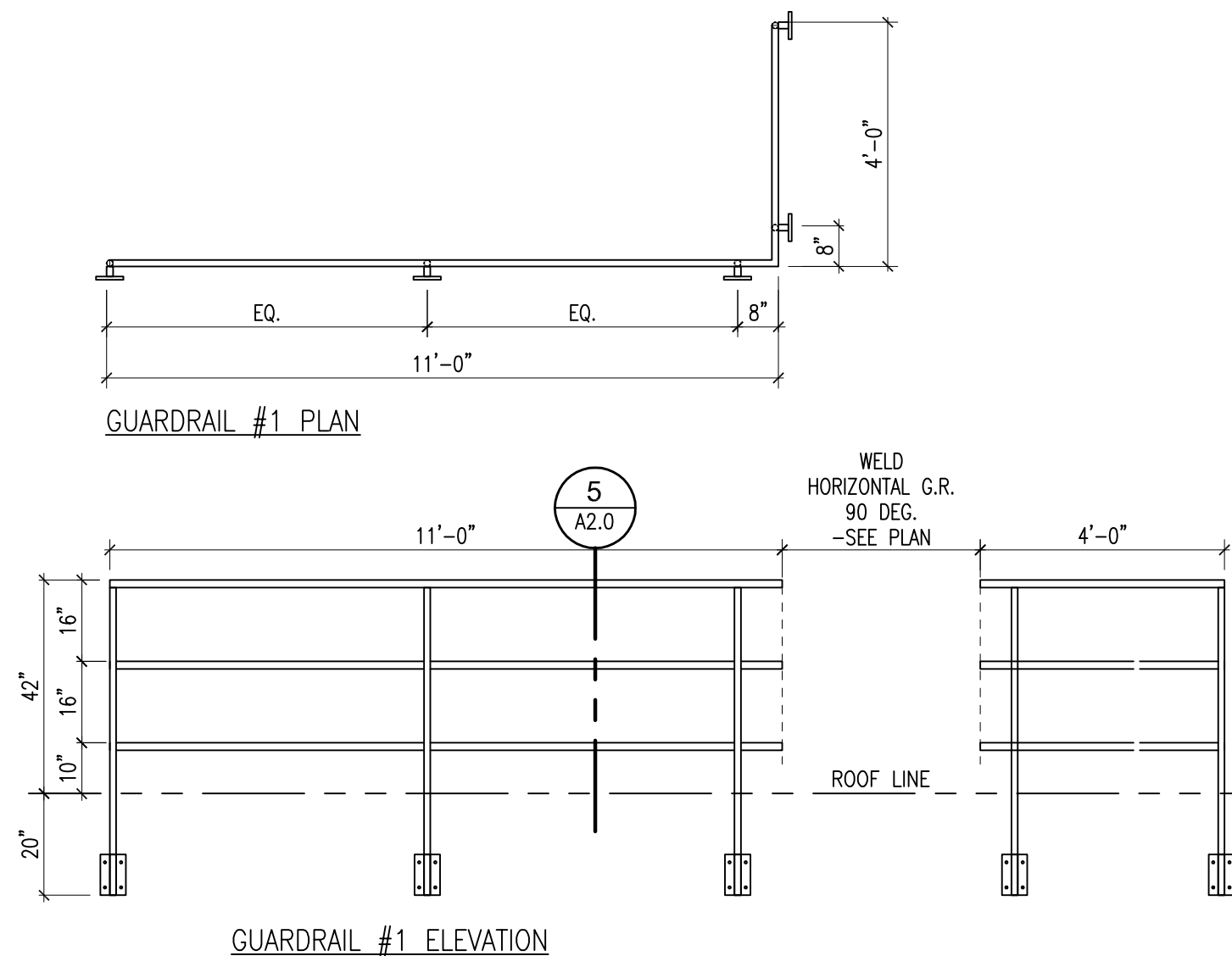
ROOF LADDER DETAIL
SCALE: 3/8" = 1'-0"

6
A2.0



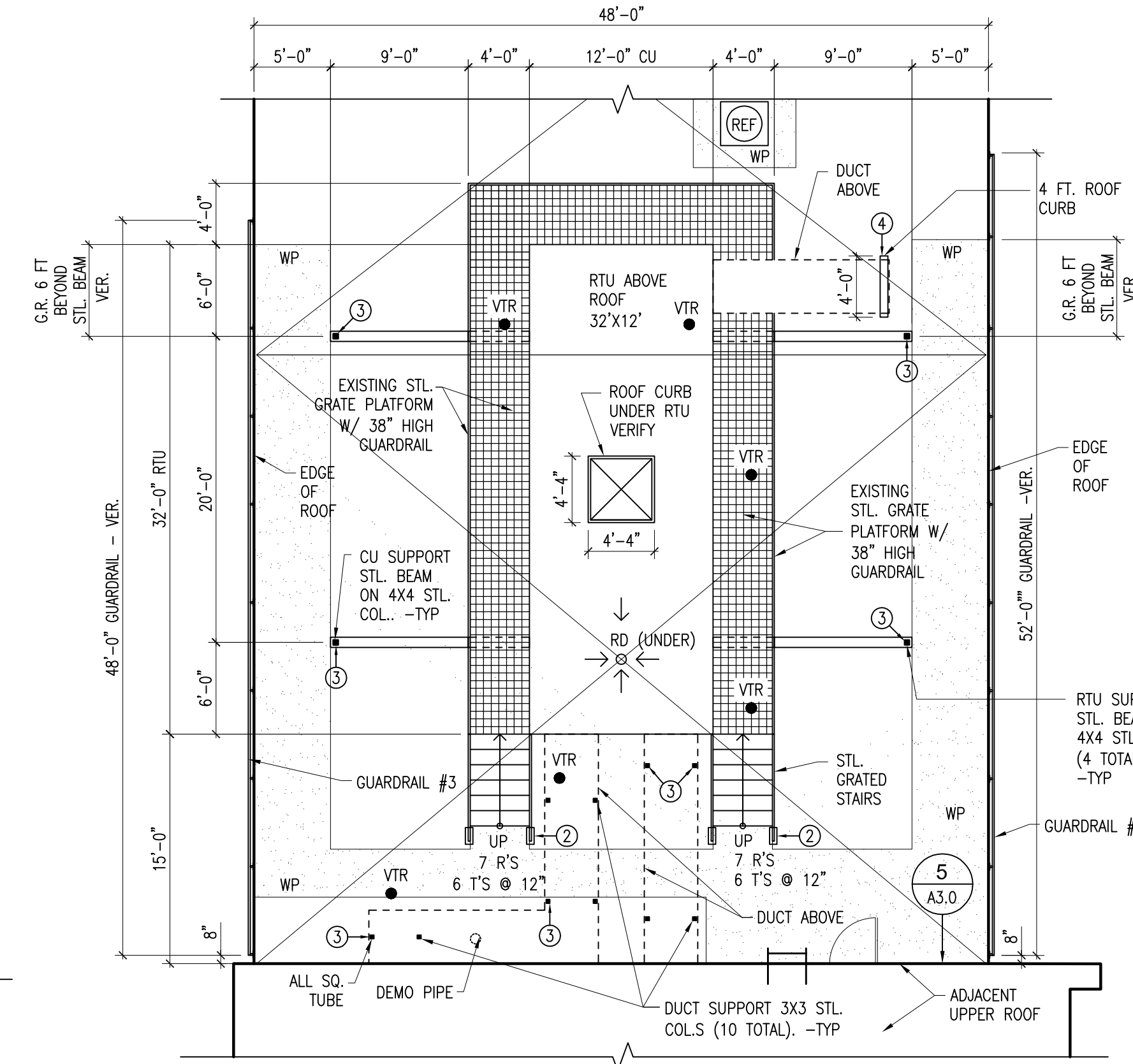
FIXED WALL MOUNTED GUARDRAIL DETAIL, TYP.
SCALE: 1" = 1'-0"

5
A2.0



GUARDRAIL #1 PLAN & ELEVATION - DACK
SCALE: 3/8" = 1'-0"

2
A2.0



MALLOY CU ENLARGED PLAN
SCALE: 1/8" = 1'-0"

1
A2.0

ROOF SYMBOLS & NOTES:

- VTR - VENT THRU ROOF SEE DETAIL 4/A3.0
- RD - ROOF DRAIN SEE DETAIL 10/A3.0
- ☐ REF - ROOF EXHAUST FAN SEE DETAIL 6/A3.0 SIM.
- ⊙ EV - EXHAUST VENT SEE DETAIL 6/A3.0 SIM.
- ☐ RAI - ROOF AIR INTAKE SEE DETAIL 6/A3.0 SIM.
- ☐ SV - SMOKE VENT SEE DETAIL 6/A3.0 SIM.
- ☐ CU - CONDENSING OR COOLING UNIT SEE DETAIL 6/A3.0 SIM.
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- ⌈ RL - ROOF LADDER SEE DETAIL 6/A2.0
- ≡ EOFS - EXISTING OVER FLOW SCUPPER SEE DETAIL 8/A3.0
- ⊕ RA - ROOF SAFETY POST ANCHOR SEE DETAIL 9/A3.0
- ▼ WA - ROOF SAFETY WALL ANCHOR SEE SPECIFICATION
- ☐ W.P. - WALK PAD AT LOCATIONS INDICATED
- RC - ROOF CORE #_ SEE INFO SHEET A2.0

KEYNOTES:

- 1 PROVIDE TWO 4FT LONG 2X6 CURBS AND WRAP WITH EPDM. RUN EAST/WEST/ TOP OF CURBS 4" ABOVE ROOF LINE. BOLT DOWN OWNER FURNISHED ALARM HORN FRAME TO CURBS. ANCHOR TO RESIST WIND UPLIFT.
- 2 REMOVE AND REPLACE PITCH POCKET AROUND FOOT OF STRINGER. (ONE SIDE EACH).
- 3 FIELD WRAP ALL SQUARE TUBE EQUIPMENT AND BEAM SUPPORTS. SEE 1/A2.0 FOR LOCATIONS.
- 4 SHORE UP DUCT, WRAP EXISTING CURB W/ EPDM AND REATTACH DUCT SUPPORT LEGS.
- 5 INFILL DECK OPENING WITH TREATED 2X4'S PERIMETER AND AT 2 FT. O.C. INSIDE OPENING. ATTACH 3/4" TREATED PLYWOOD FLUSH WITH DECK.
- 6 REMOVE AND REINSTALL PARAPET CAP.

ARCHITECT

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IOWA VETERANS HOME
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MARSHALLTOWN, IA 50158

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ENLARGED PLANS

REVISIONS

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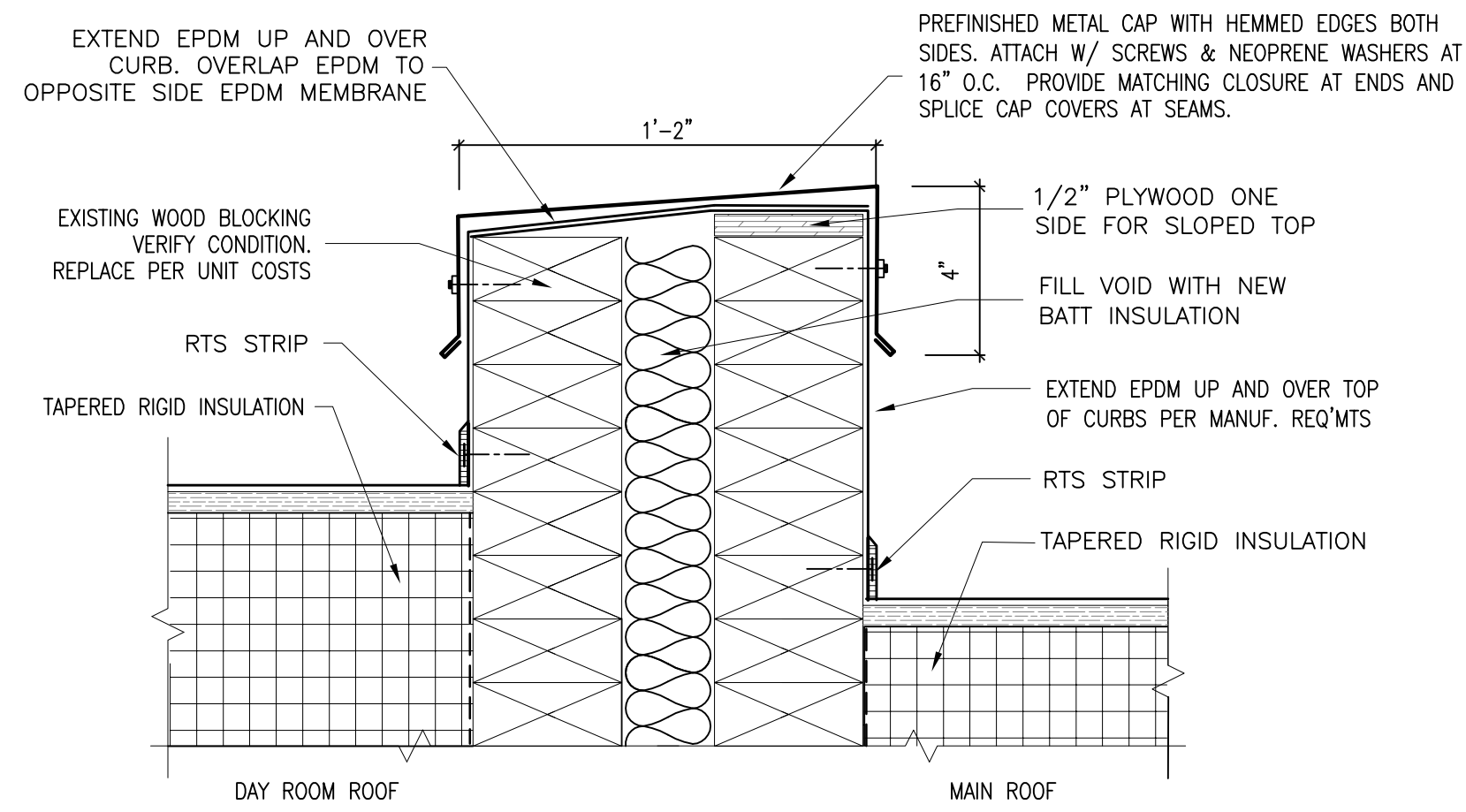
DAS PROJECT NO.
9483.00

GENESIS PROJECT NO.
2516

ISSUE DATE
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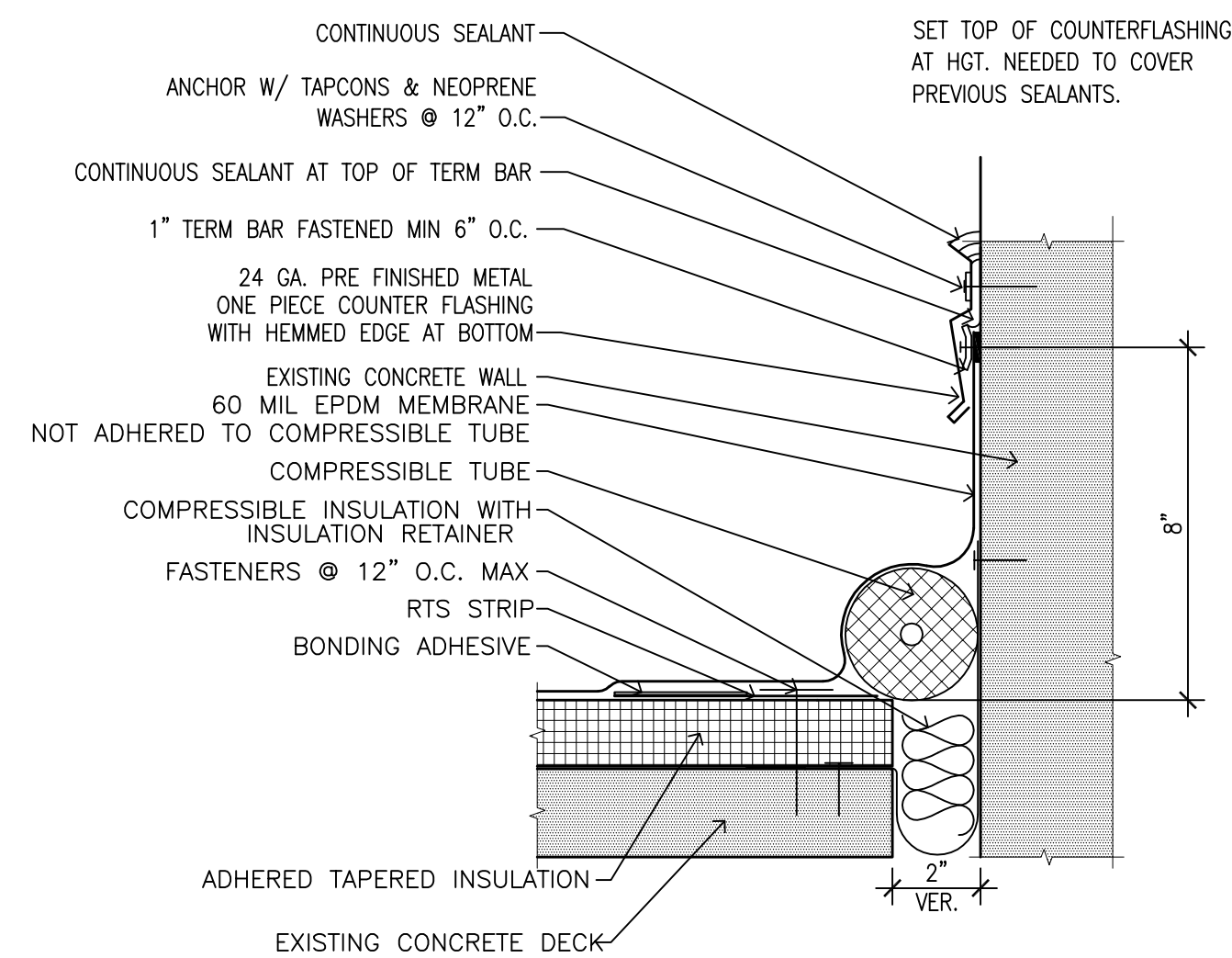
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ROOF EXPANSION JOINT DETAIL - METAL

SCALE: 3 = 1'-0"

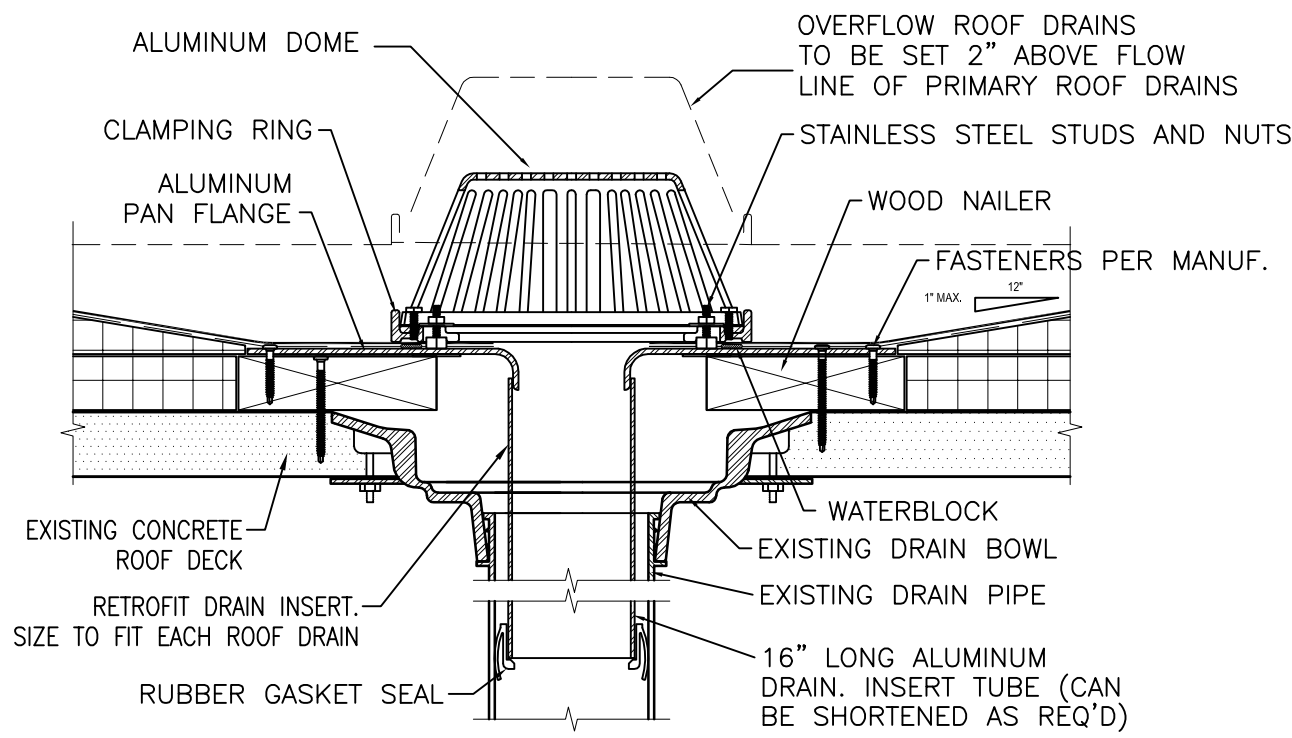
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A3.0



ROOF EXPANSION JOINT DETAIL

SCALE: 3" = 1'-0"

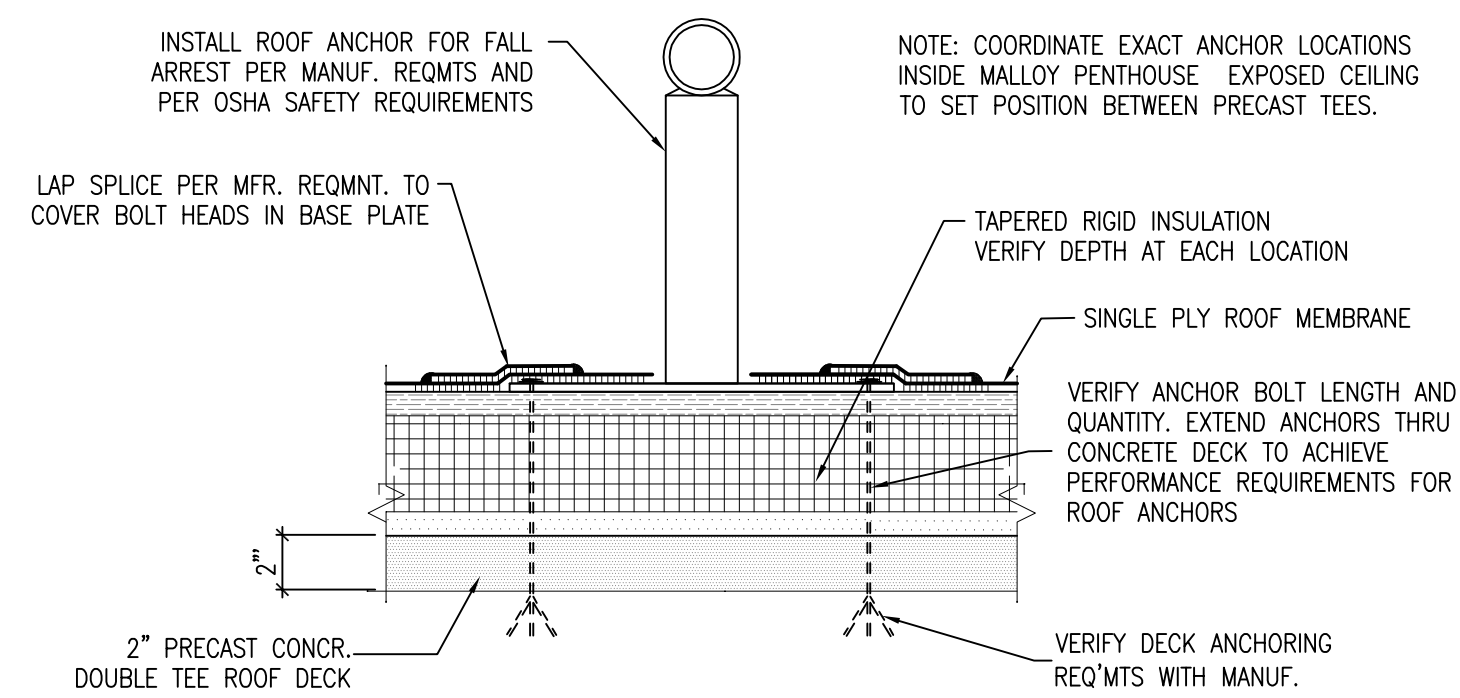
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ROOF DRAIN INSERT DETAIL

SCALE: 3 = 1'-0"

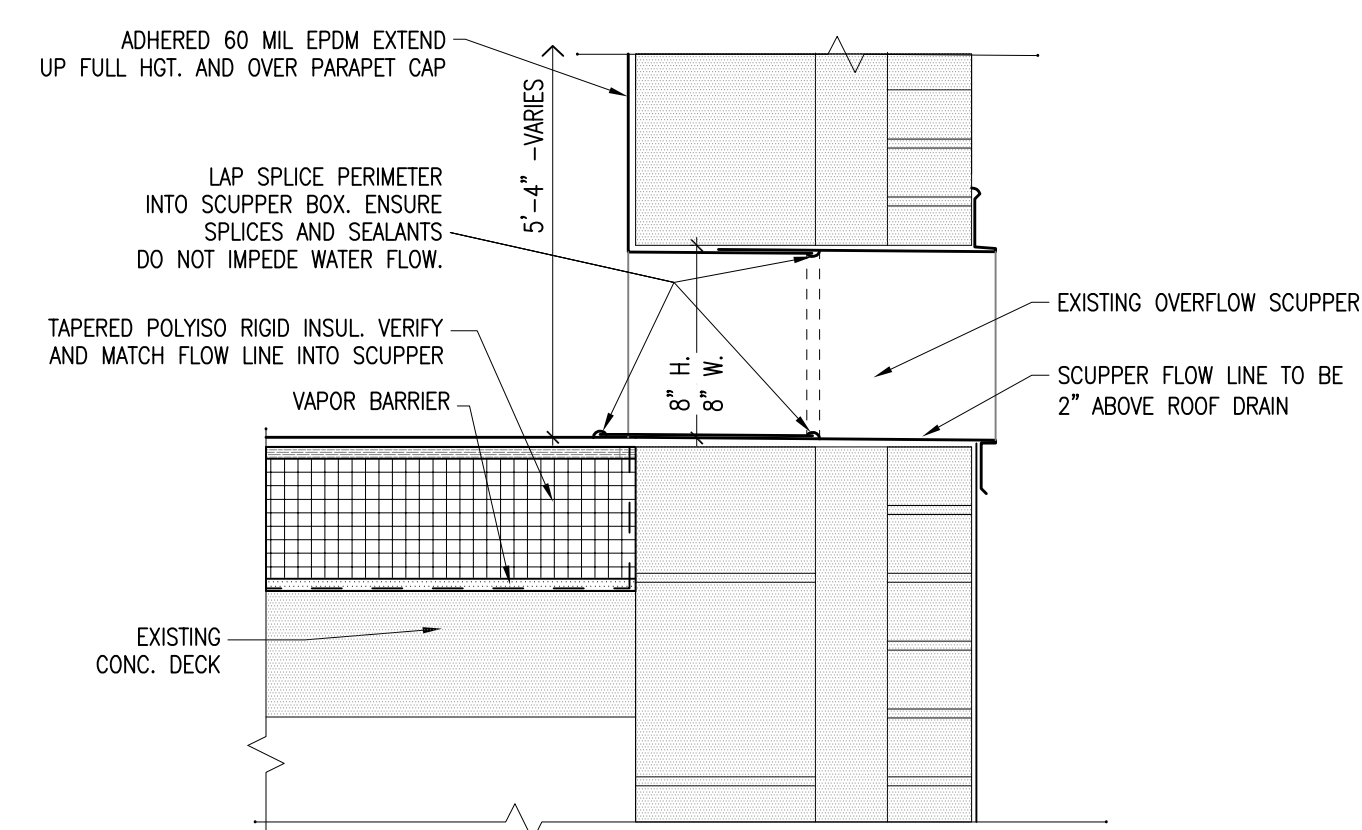
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ROOF ANCHOR DETAIL

SCALE: 1 1/2" = 1'-0"

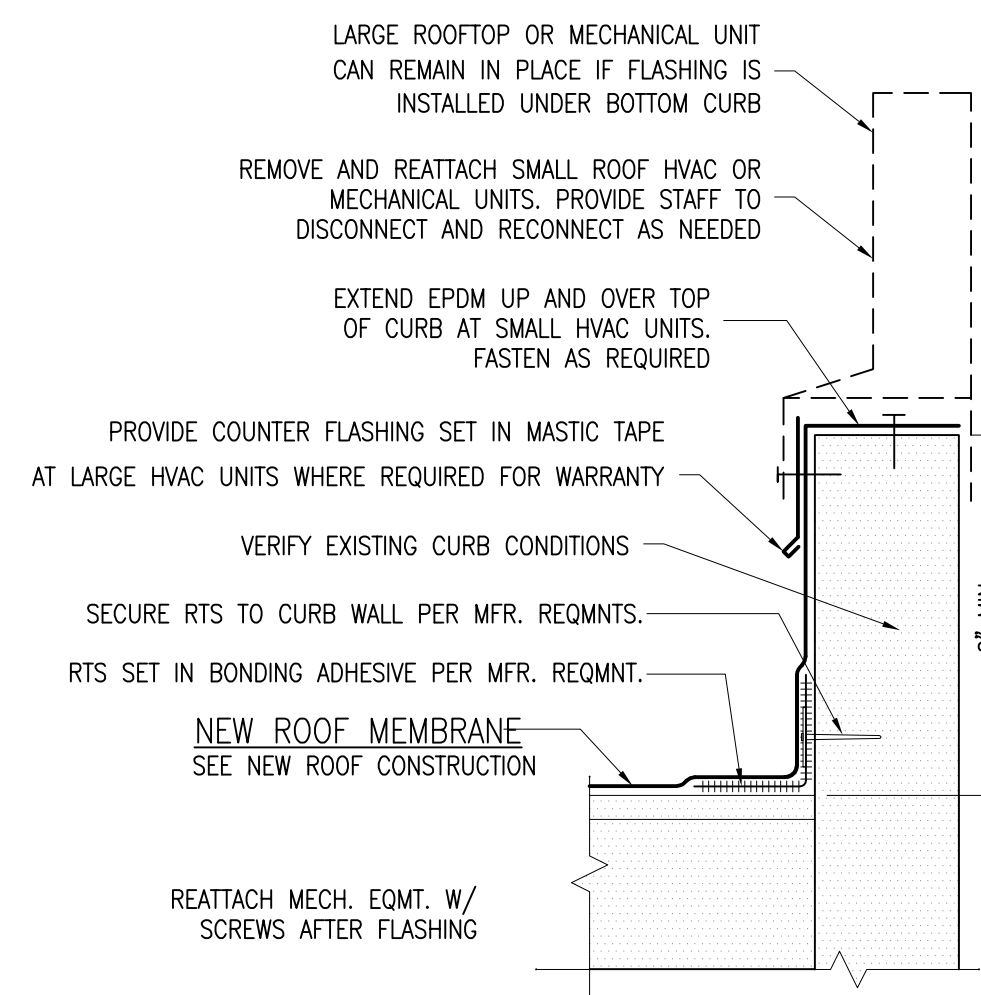
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OVERFLOW SCUPPER DETAIL

SCALE: 1 1/2" = 1'-0"

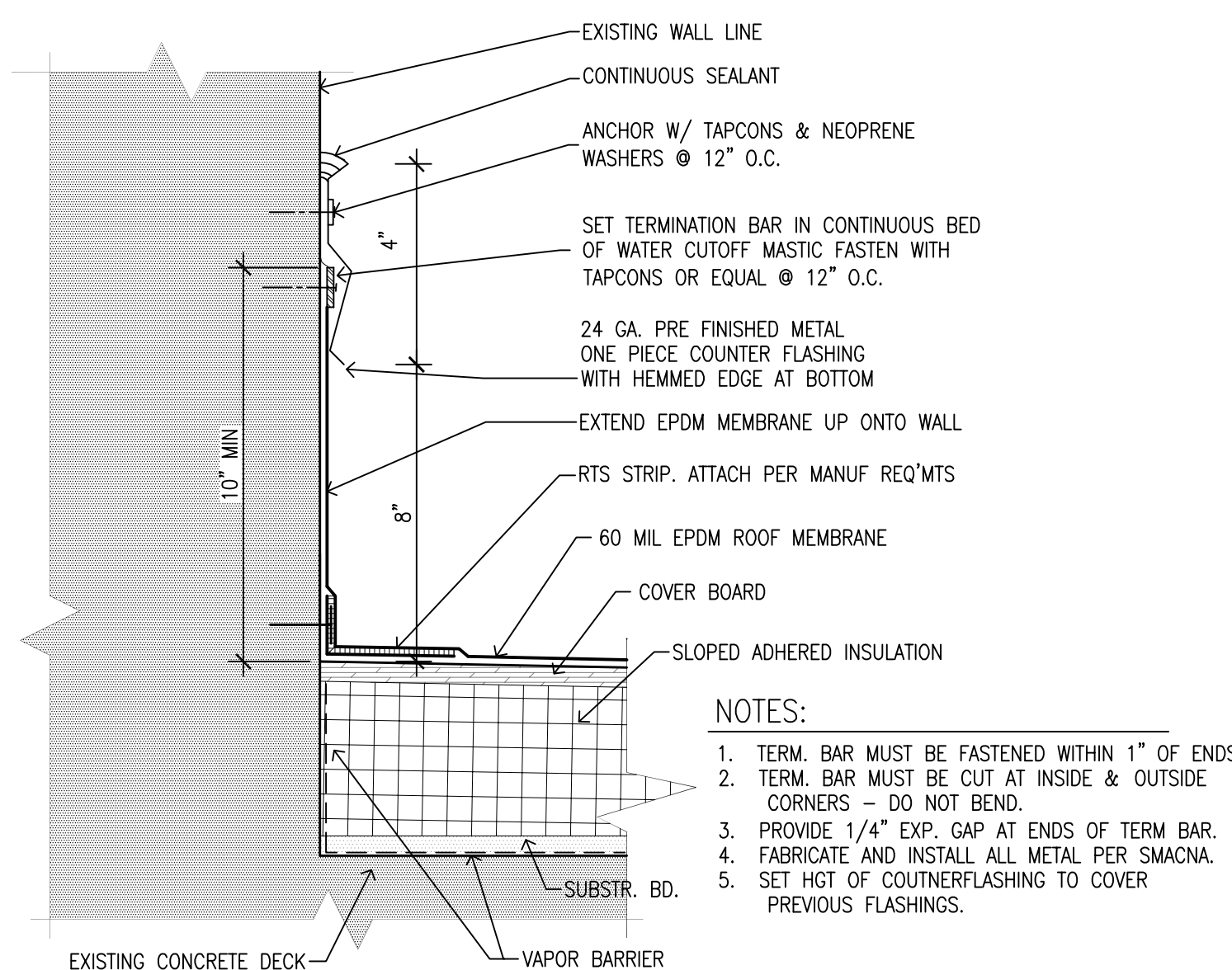
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EXISTING MECH. CURB DETAIL

SCALE: 3 = 1'-0"

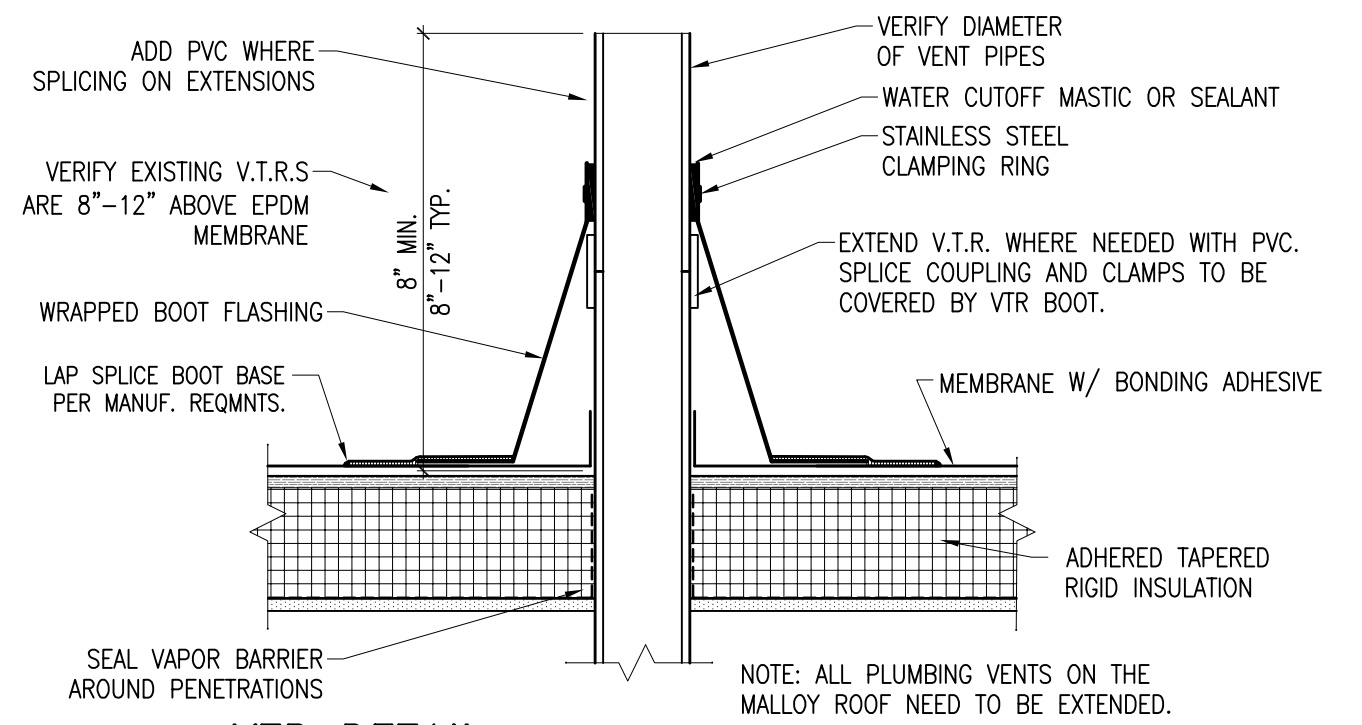
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A3.0



ONE PIECE COUNTERFLASHING DETAIL

SCALE: 3 = 1'-0"

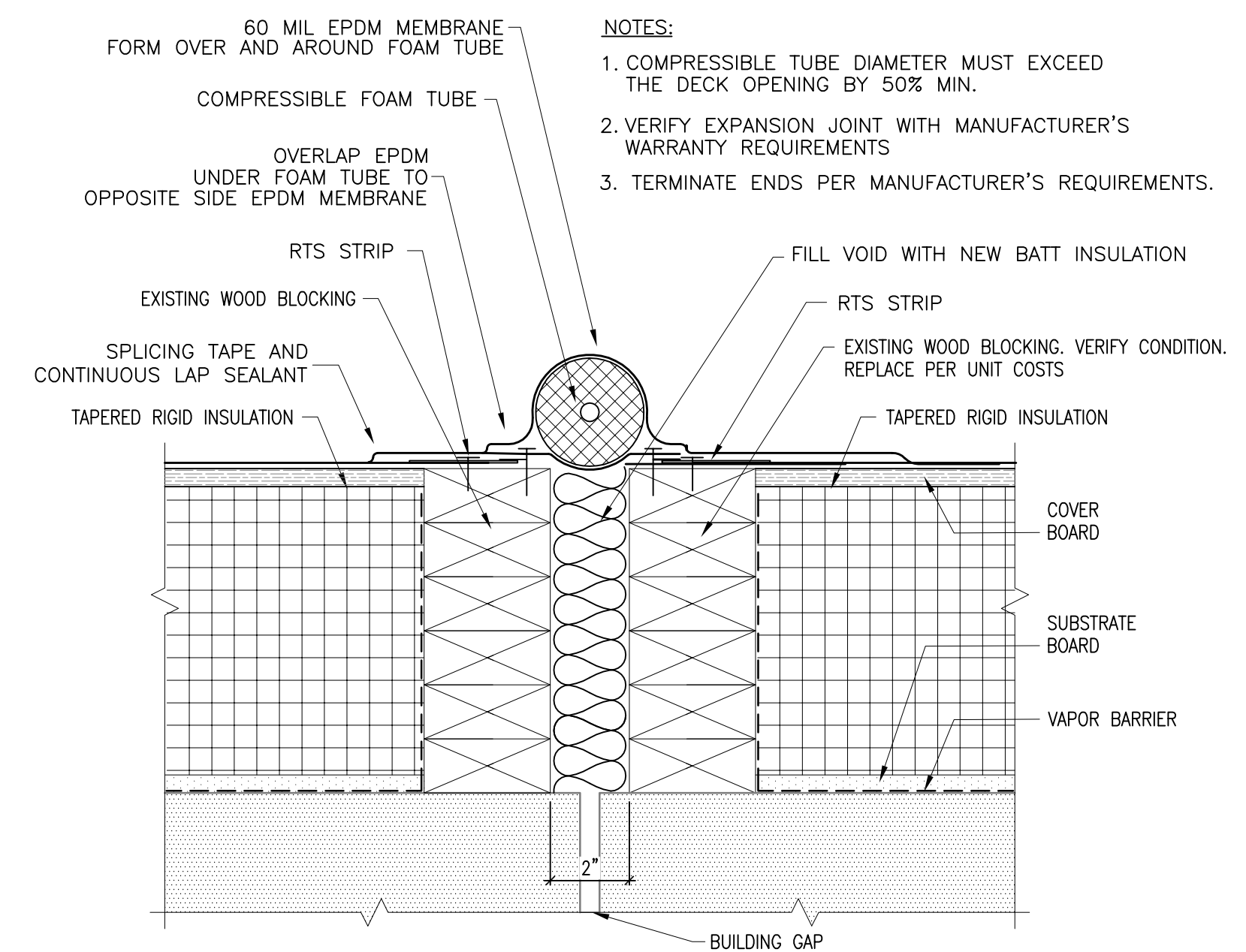
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VTR DETAIL

SCALE: 1 1/2" = 1'-0"

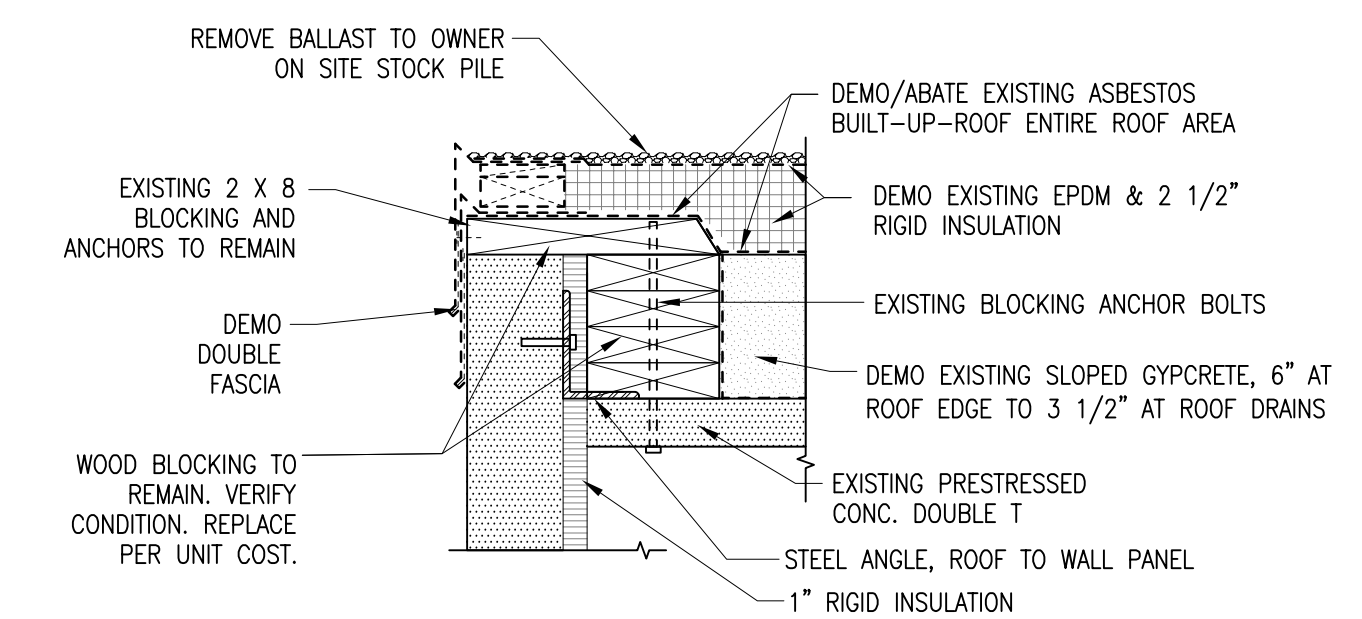
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EXPANSION JOINT DETAIL

SCALE: 3 = 1'-0"

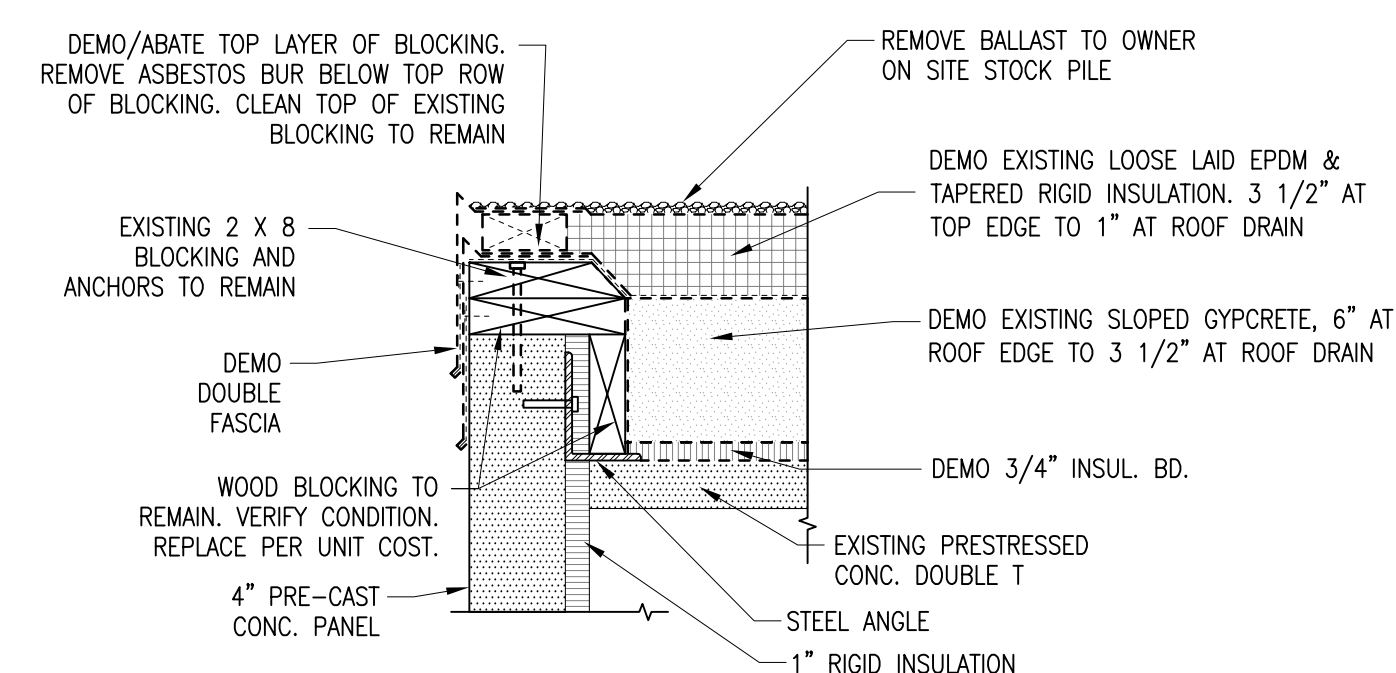
3
A3.0



EXISTING/DEMO MALLOY ROOF EDGE DETAIL

SCALE: 1 1/2" = 1'-0"

2
A3.0



EXISTING/DEMO DACK ROOF EDGE DETAIL

SCALE: 1 1/2" = 1'-0"

1
A3.0

ARCHITECT

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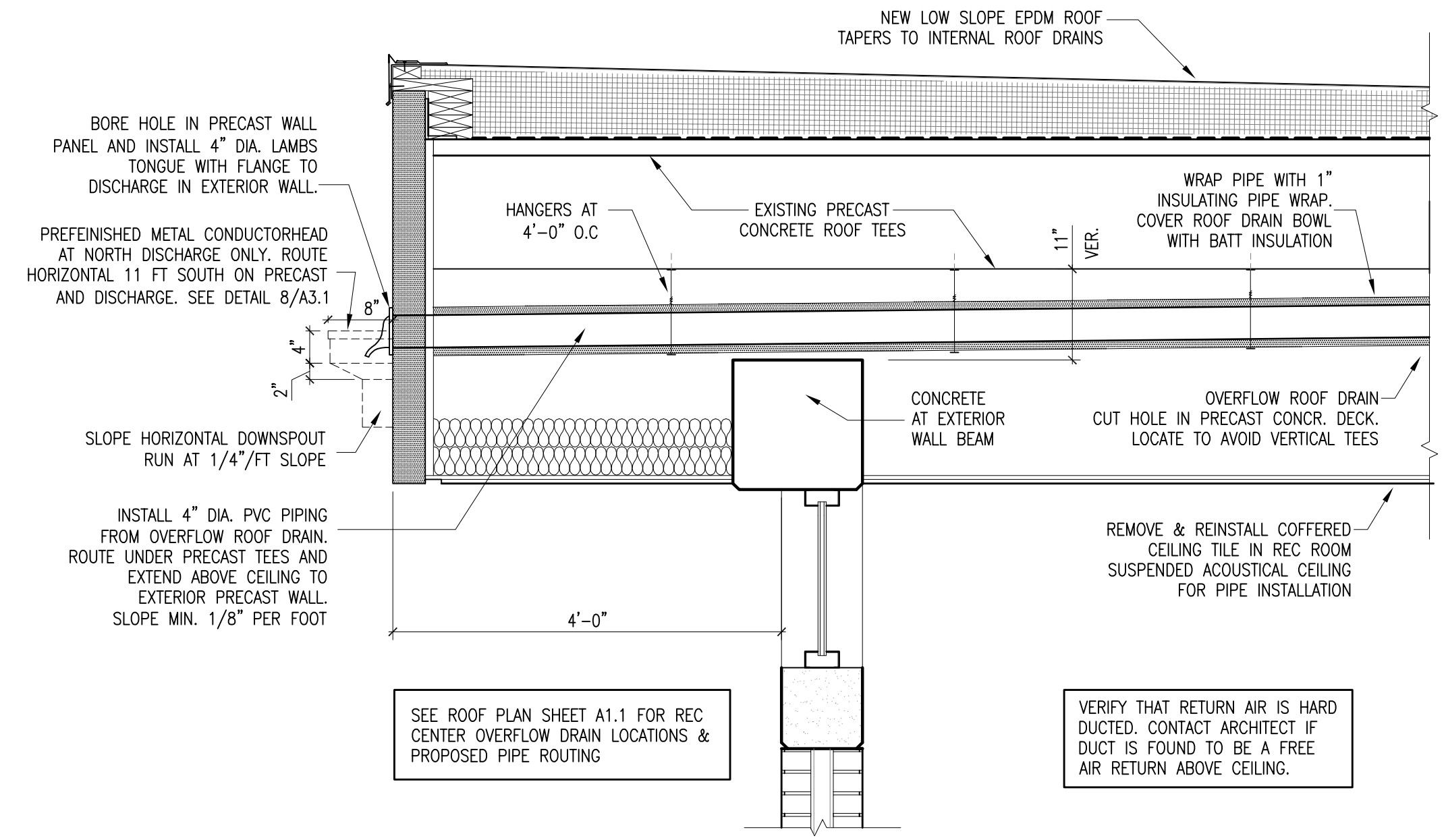
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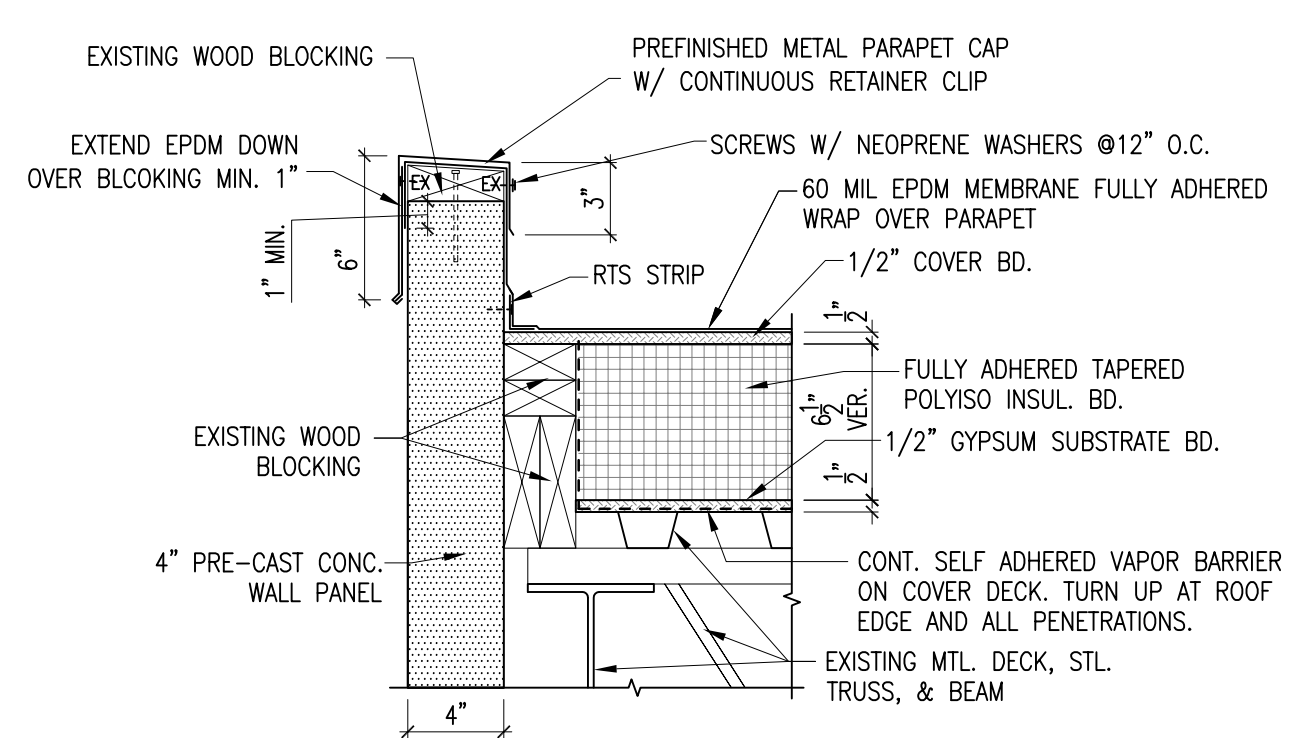
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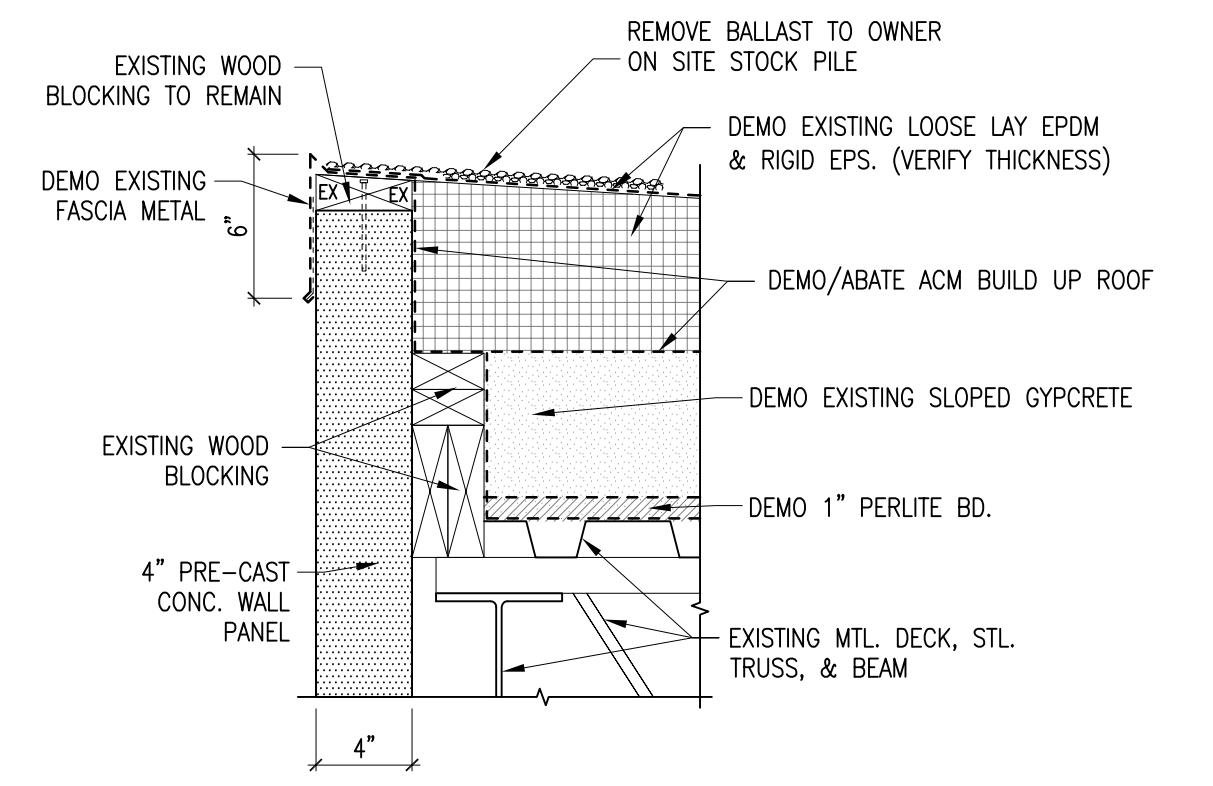
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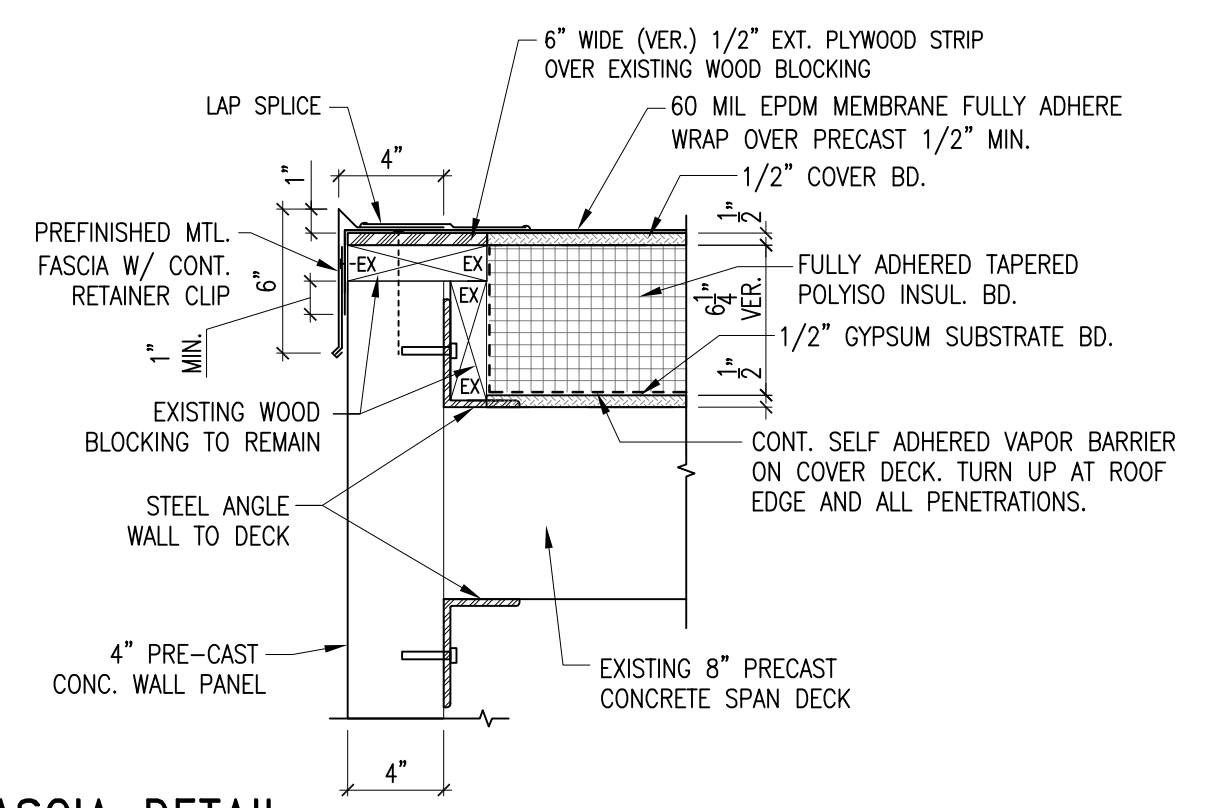
OVERFLOW ROOF DRAIN PIPING DETAIL (AT MALLOY REC CENTER)
 SCALE: 3/4" = 1'-0"



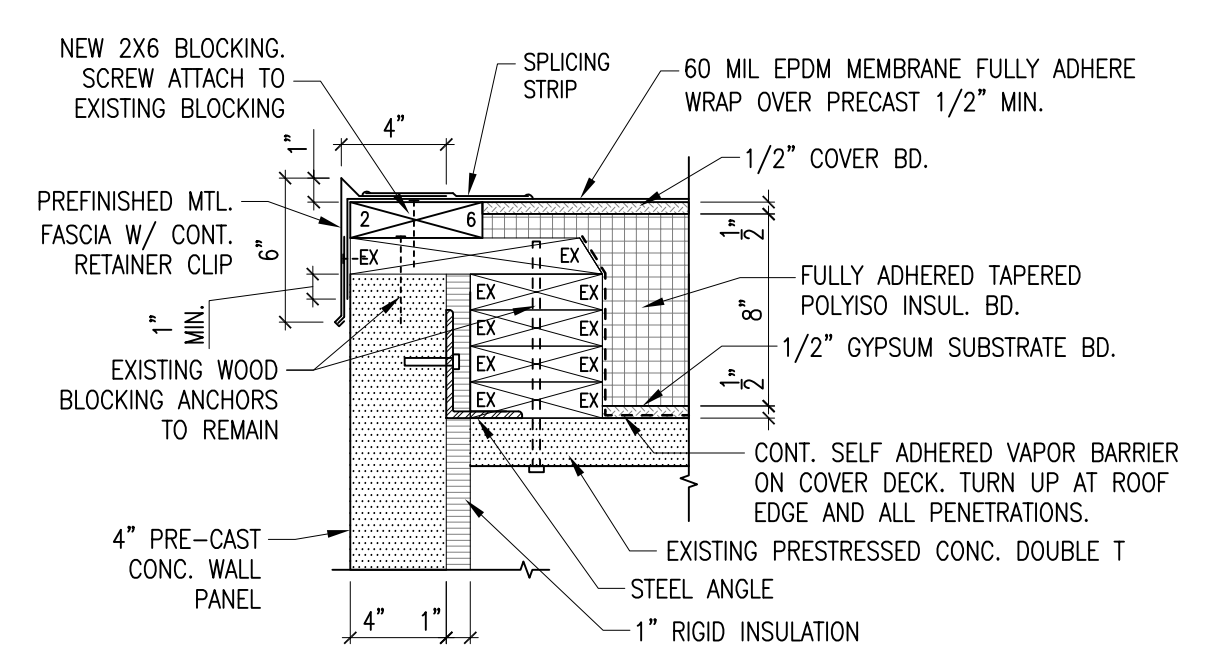
PARAPET CAP DETAIL DACK TO MALLOY CORRIDOR LINK
 SCALE: 1 1/2" = 1'-0"



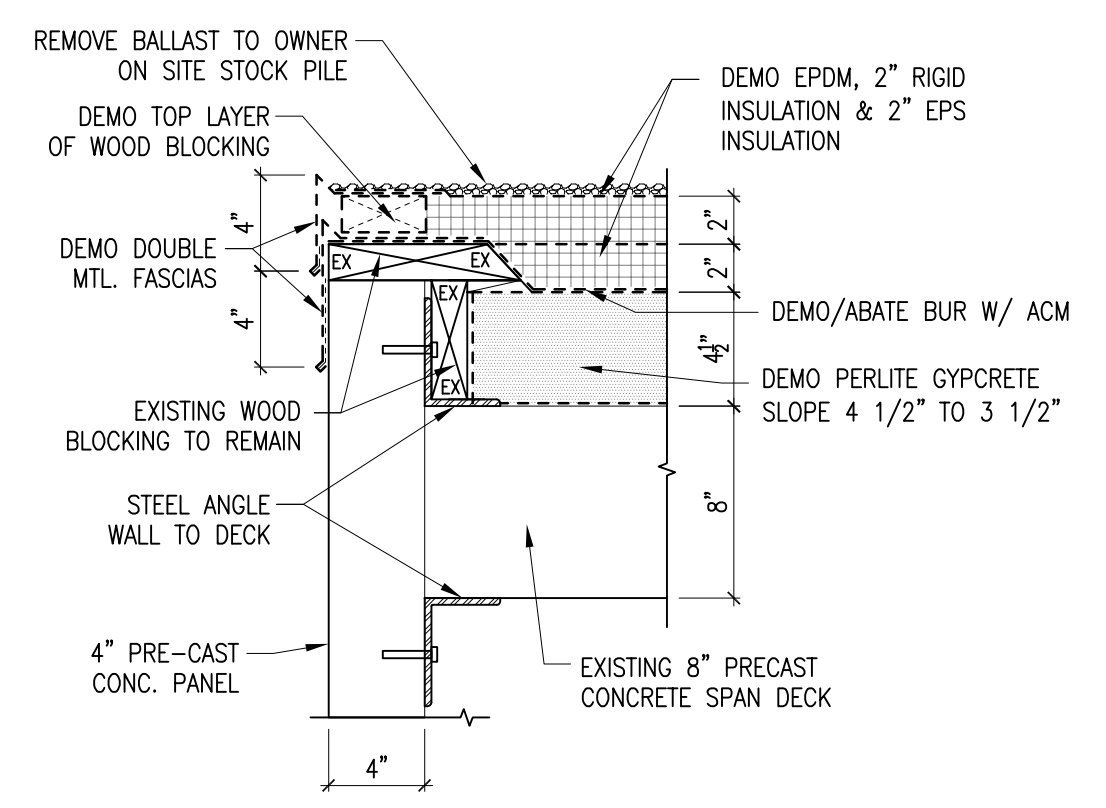
EXISTING/DEMO FASCIA DETAIL DACK TO MALLOY CORRIDOR LINK
 SCALE: 1 1/2" = 1'-0"



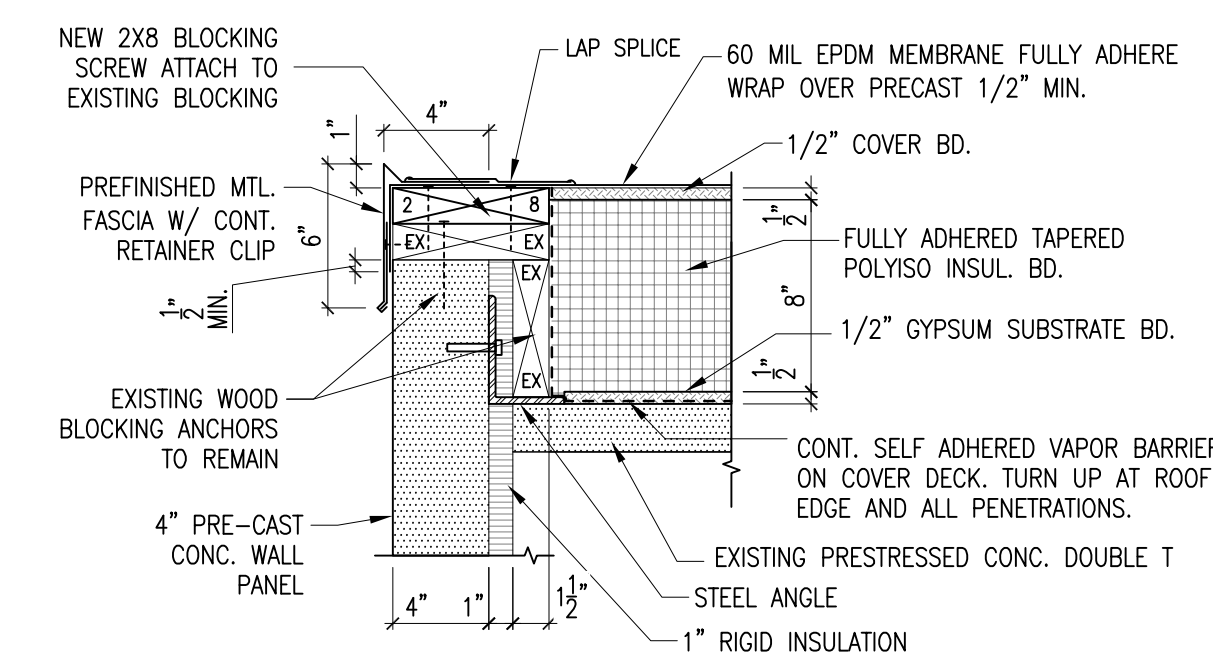
FASCIA DETAIL MALLOY TO LOFTUS CORRIDOR LINK
 SCALE: 1 1/2" = 1'-0"



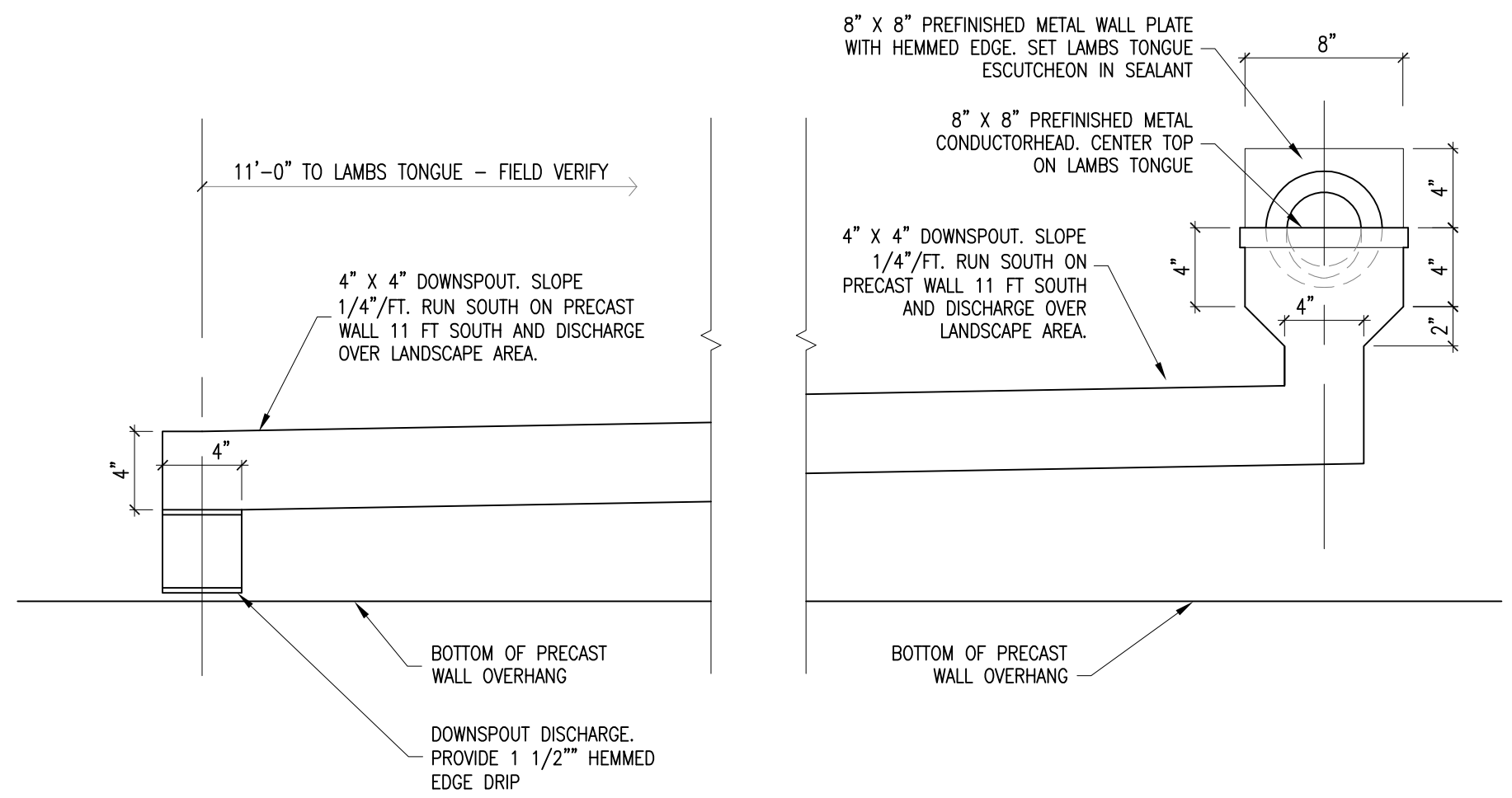
FASCIA ROOF EDGE DETAIL -MALLOY
 SCALE: 1 1/2" = 1'-0"



EXISTING/DEMO FASCIA DETAIL MALLOY TO LOFTUS CORRIDOR LINK
 SCALE: 1 1/2" = 1'-0"



FASCIA ROOF EDGE DETAIL -DACK
 SCALE: 1 1/2" = 1'-0"



CONDUCTORHEAD AND DOWNSPOUT
 SCALE: 1 1/2" = 1'-0"

(PROVIDE ONLY AT NORTH REC CTR OVERFLOW)