

MATERIALS LEGEND

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

SYMBOLS LEGEND

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

ABBREVIATIONS

ADJ	ADJUSTABLE	I&W	IN ACCORDANCE WITH	UNO	UNLESS NOTED OTHERWISE
A/E	ARCHITECT / ENGINEER	INCL	INCLUDED	VERT	VERTICAL
AMT	AMOUNT	INT	INTERIOR		
APPROX	APPROXIMATELY	IS	INSIDE	W	WIDTH
ARCH	ARCHITECT	JT	JOINT	W/	WITH
AVE	AVERAGE	KW	KEY WALL	W/O	WITHOUT
BD	BOARD	MAS	MASONRY	WCJ	WALL CONTROL JOINT
BLDG	BUILDING	MTL	METAL	WD	WOOD
BLK	BLOCK	MFR	MANUFACTURER	WEJ	WALL EXPANSION JOINT
BRK	BRICK	MIN	MINIMUM	WGT	WEIGHT
BSMT	BASEMENT	MISC	MISCELLANEOUS		
		MO	MASONRY OPENING		
CC	CENTER TO CENTER				
CJ	CONTROL JOINT				
CL	CENTER LINE	NIC	NOT IN CONTRACT		
CMU	CONCRETE MASONRY UNIT	NO	NUMBER		
COL	COLUMN	NOM	NOMINAL		
CONC	CONCRETE	NTS	NOT TO SCALE		
CONT	CONTINUOUS				
CONTR	CONTRACTOR	OC	ON CENTER		
CRS	COURSES	OPNG	OPENING		
CTR	CENTER	ORIG	ORIGINAL		
		OS	OUTSIDE		
D	DEPTH	PR	PAIR		
DEMO	DEMOLITION	PROT	PROTECTION		
DTL	DETAIL	PT	PAINT		
DIA	DIAMETER				
DIM	DIMENSION	R&R	REMOVE AND REPLACE		
DN	DOWN	RAD	RADIUS		
DO	REPEAT	RCJ	REINFORCED CONTROL		
DWG	DRAWING	JOINT	JOINT		
EA	EACH	RCMU	REINFORCED CONC.		
EJ	EXPANSION JOINT	MASONRY JT.	MASONRY JOINT		
EJF	EXPANSION JOINT FILLER	REBAR	REINFORCING BAR		
ELEV	ELEVATION	REINF	REINFORCED		
ENGR	ENGINEER	REJ	ROOF EXPANSION JOINT		
EQ	EQUAL	REQ'D	REQUIRED		
EX/EXST	EXISTING	RQMT	REQUIREMENT		
EXT	EXTERIOR				
		SECT	SECTION		
FND	FOUNDATION	SF	SQUARE FOOT OR FEET		
FIN	FINISH	SHT	SHEET		
FLR	FLOOR	SIM	SIMILAR		
FT	FOOT OR FEET	SPEC	SPECIFICATION		
		SQ	SQUARE		
GA	GAUGE	STD	STANDARD		
GALV	GALVANIZED	STL	STEEL		
GND	GROUND	T&B	TOP AND BOTTOM		
H	HIGH	TOW	TOP OF WALL		
HGT	HEIGHT	T.P.	TUCK POINT		
HORIZ	HORIZONTAL	TWF	THROUGH WALL FLASHING		
		TYP	TYPICAL		

DOC MPCF IPI ROOF REPLACEMENT

MT. PLEASANT CORRECTIONAL FACILITY
1200 E WASHINGTON ST
MT PLEASANT, IA 52641

DAS PROJECT # 9357.00
GENESIS NO. 2310

SITE MAP

N.T.S.



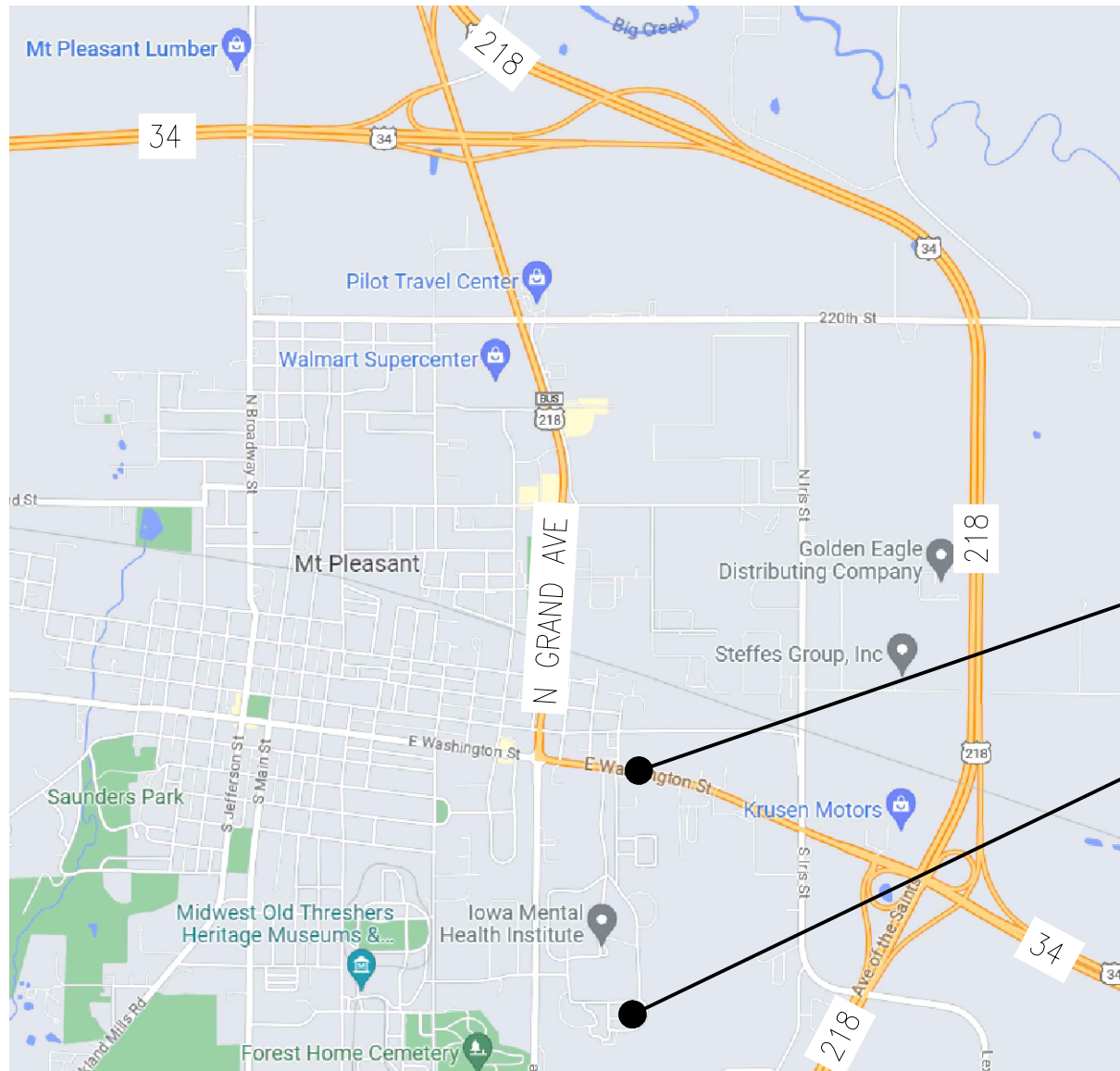
E WASHINGTON ST

IPI FABRICATION WAREHOUSE



LOCATION MAP

N.T.S.



E WASHINGTON ST

IPI FABRICATION WAREHOUSE



CONTACT INFO:

OWNERS:

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PH: 515-201-2197

CLIENT:

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PH: 319-385-9511

CONSTRUCTION MANAGER:

THE SAMUELS GROUP
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WEST DES MOINES, IOWA 50266
PROJECT MANAGER: BRIAN POLZIN
PH: 515-218-0227

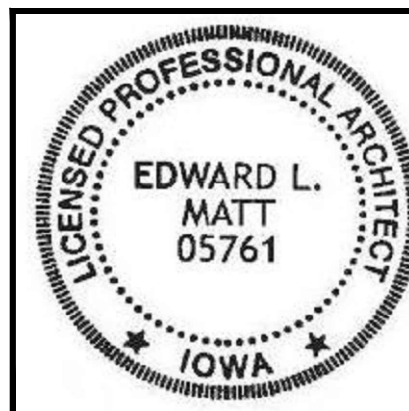
ARCHITECT:

EDWARD L. MATT, AIA
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SHEET INDEX

ARCHITECTURAL

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A0.1 LOCATION AND STAGING MAP
A1.0 ROOF PLAN
A2.0 DETAILS

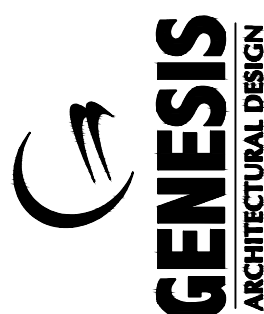


I hereby certify that the portion of this technical submission described below was prepared by me or under my supervisor and responsible charge. I am a duly registered Architect under the laws of the State of Iowa.

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: _____ JAN. 18, 2024

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PROJECT TITLE

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MT PLEASANT, IA 52641

SHEET CONTENTS

COVER SHEET
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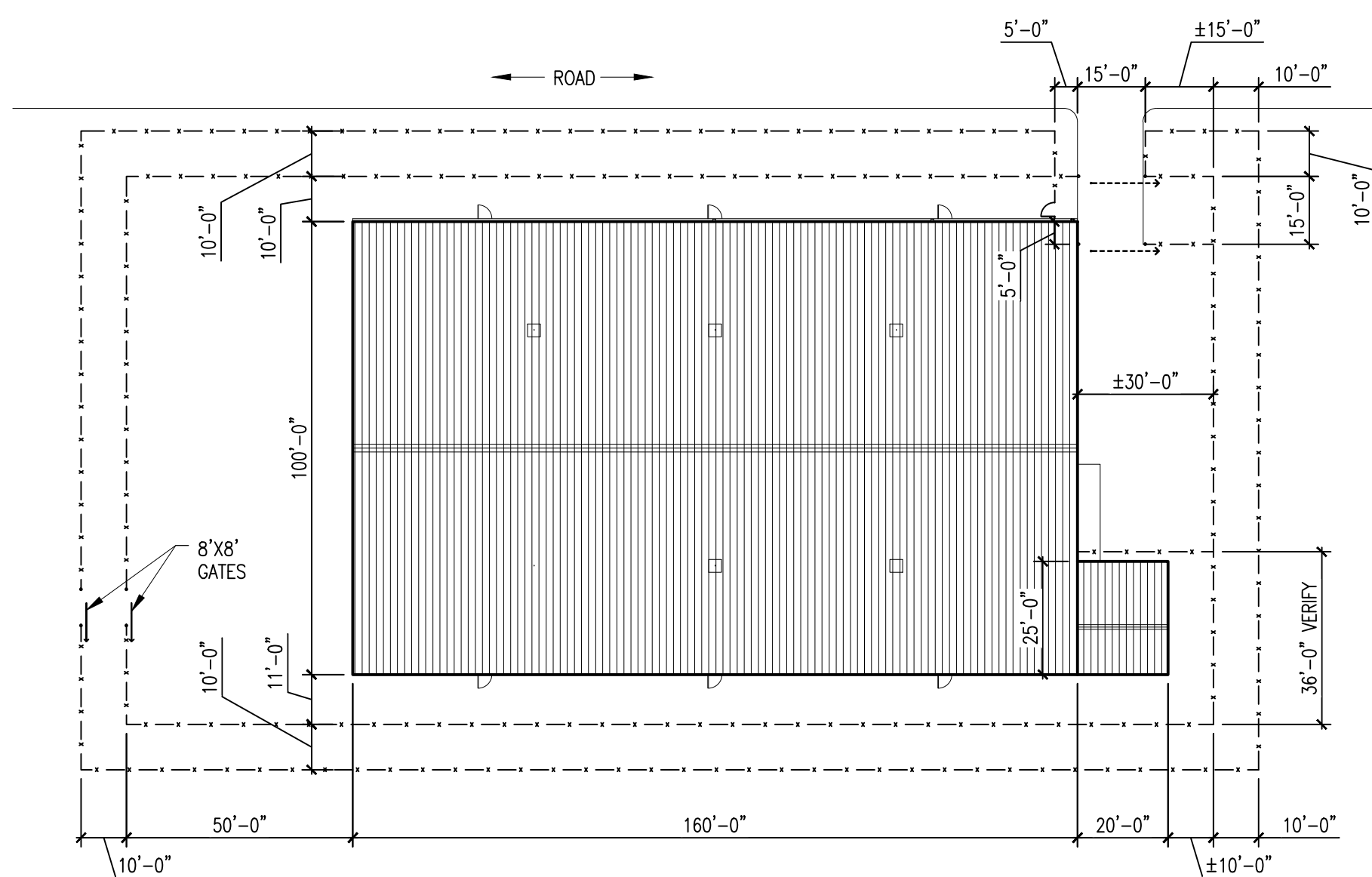
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DIMENSIONED SITE PLAN
SCALE: 1/32" = 1'-0"

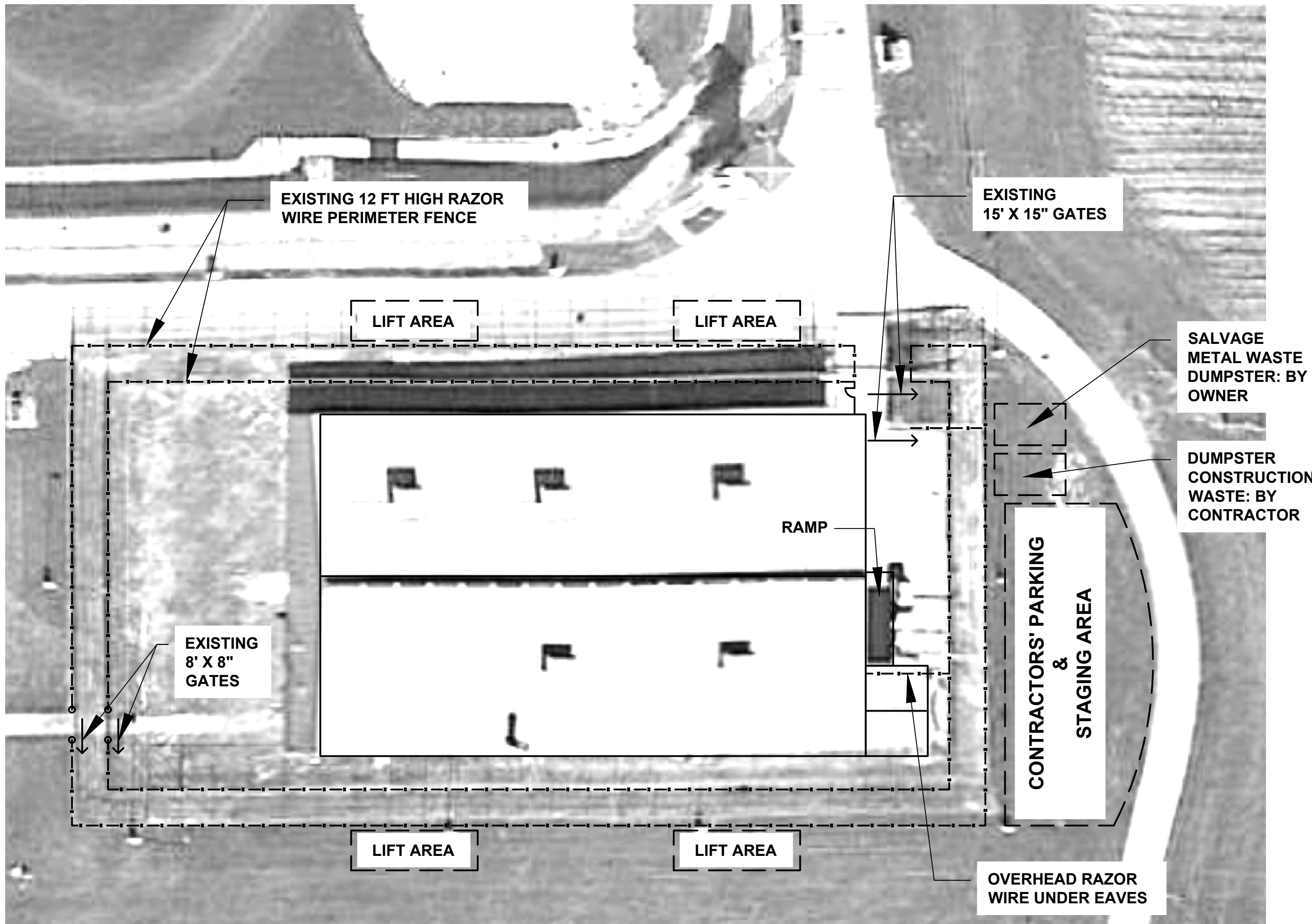
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SECURITY AND STAGING NOTES:

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 AND TAKE PREA TEST. SEE SPECIFICATION FOR REQUIREMENTS.
3. COORDINATE ALL BUILDING AND SECURITY ISSUES WITH PRISON'S PLANT OPERATION MANAGER AND OWNER'S CONSTRUCTION MANAGER.
4. CONTRACTOR TO COORDINATE PROPOSED DAILY WORK SEQUENCE SCHEDULE WITH MPCF 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 MPCF FOR ALL GATE PASSINGS. GATE LOCATIONS ARE IDENTIFIED ON THE MAP. KEEP GATES CLEAR AT ALL TIMES.
6. SEE SPECIFICATION FOR DAILY TOOL INVENTORY REQUIREMENTS. A STANDARDIZED LIST OF DAILY TOOLS ENTERING AND EXITING IS PREFERRED. ALL CONSTRUCTION EQUIPMENT MUST BE REMOVED FROM THE PRISON DAILY TO THE DESIGNATED STAGING AREA IN THE PARKING LOT WITH THE EXCEPTION OF A JOB BOX THAT CAN BE SECURED ON THE ROOF. COORDINATE SECURING JOB BOX WITH FACULTY.
7. 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 PRISON DAILY TO CONTRACTOR'S EXTERIOR DUMPSTER LOCATION.
8. SEE MAP FOR CONTRACTOR'S MATERIAL STAGING AND PARKING LOCATIONS.
9. SEE MAP FOR IDENTIFIED AREAS OF ROOF ACCESS LIFT AREAS. -VERIFY ALL FENCE/GATES HEIGHTS & CONDITIONS.
10. SEE SPECIFICATION FOR WORK HOURS. COORDINATE WITH OWNER FOR ANY PROPOSED EXTENDED WORK HOURS INCLUDING WEEKENDS. OWNER WILL NEED TO PROVIDE DEDICATED STAFF FOR ANY EXTENDED WORK HOURS.
11. FACILITY WILL BE SHUT DOWN DURING INTERIOR INSULATION REPAIRS. COORDINATE DATES IN ADVANCE WITH CM & FACILITY.
12. COORDINATE BLOCKING OFF ROAD ON THE NORTH SIDE OF BUILDING WITH FACILITY OPERATION MANAGER DURING NORTH SIDE ROOFING & LIFT OPERATIONS.
13. CONTRACTOR TO PROTECT AND REPAIR ALL AREAS OF DAMAGED LAWN. REPAIR RUTS AND RESEED. OWNER WILL WATER UNTIL LAWN HAS BEEN RE-ESTABLISHED. SEE ALLOWANCES.

SECURITY AND STAGING MAP:

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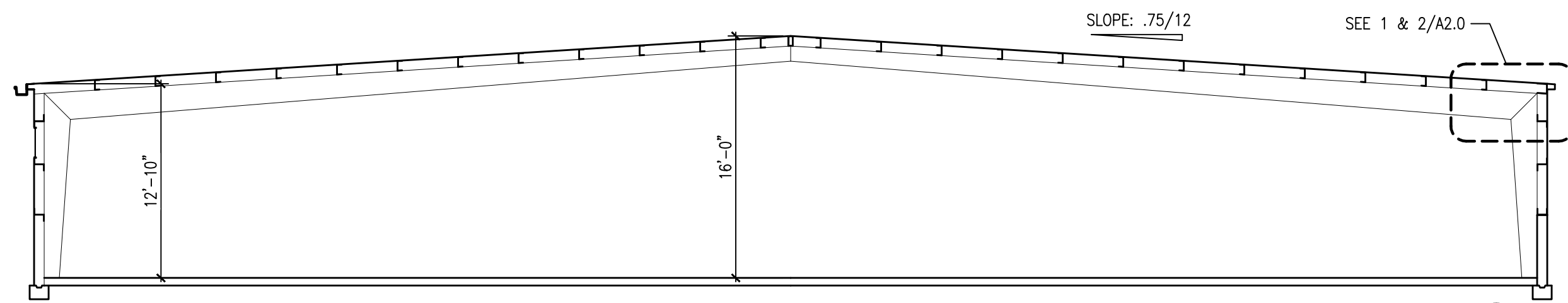
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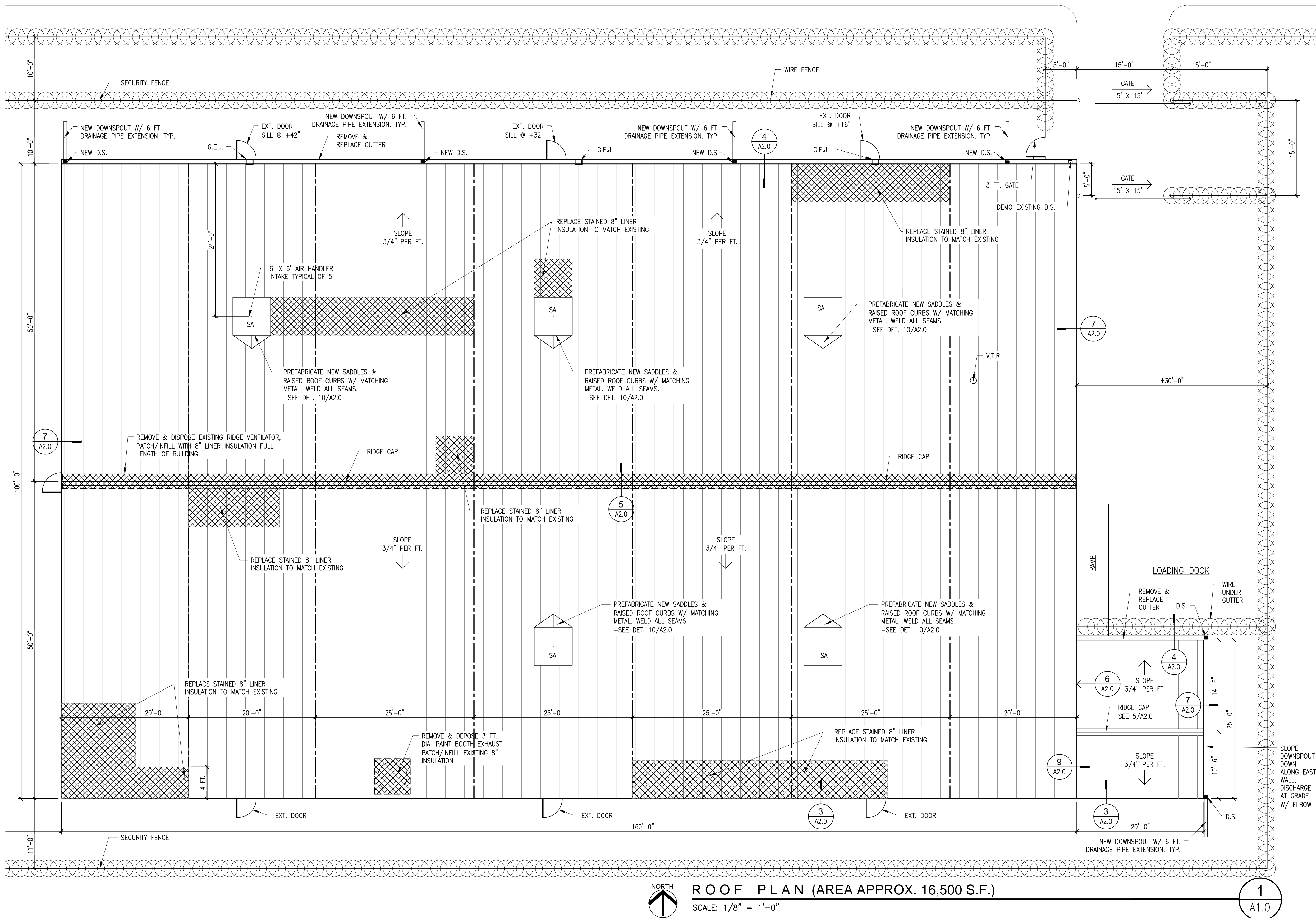
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SECTION

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



ROOF PLAN (AREA APPROX. 16,500 S.F.)

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

GENERAL ROOF NOTES:

- CONTRACTOR TO FIELD VERIFY ALL ROOF SLOPES, DIMENSIONS, MEASUREMENTS AND QUANTITIES. REPORT ANY DISCREPANCIES TO ARCHITECT PRIOR TO PROCEEDING WITH ANY WORK.
- SQUARE FEET (SF) QUANTITIES ARE ESTIMATES ONLY. CONTRACTOR TO FIELD VERIFY ACTUAL SF.
- DETAILS MAY VARY DEPENDING ON MANUFACTURER'S WARRANTY REQUIREMENTS. CONTRACTOR SHALL VERIFY SUBSTRATE PREP, FLASHINGS, TERMINATIONS AND DETAILS WITH MANUFACTURER'S WARRANTY REQUIREMENTS.
- QUANTITY, SIZE AND LOCATIONS OF ALL ROOF PENETRATIONS ARE APPROXIMATED. CONTRACTOR TO FIELD VERIFY WITH ON SITE CONDITIONS.
- FOLLOW SMACNA STANDARDS FOR ALL PREFINISHED SHEET METAL WORK AT FLASHINGS, COPINGS, AND ROOF DRAINAGE FABRICATIONS.
- CONTRACTOR TO COORDINATE ALL WORK WITH OTHER TRADES AND COORDINATE SCHEDULE WITH FACILITY MANAGER AND CONSTRUCTION MANAGER.
- DISPOSE OF ALL DEMOLISHED METAL FLASHINGS & TRIM, GUTTERS, AND DOWNSPOUTS TO FACILITY'S ON-SITE SALVAGE DUMPSTER. DISPOSE OF ALL OTHER DEMOLISHED MATERIALS OFF SITE TO APPROVED LANDFILL.
- CONTRACTOR SHALL INSPECT CONDITION OF ROOF INSULATION WHILE REPAIRING. NOTIFY ARCHITECT IF ADDITIONAL INSULATION REPLACEMENT IS NEEDED. -SEE UNIT COSTS.
- 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.

COLOR SELECTIONS:

- METAL ROOF PANELS: DARK BRONZE
- PREFINISHED METAL: DARK BRONZE (FASCIAS, COUNTER FLASHINGS, RAKE CLOSURE, GUTTERS & DOWNSPOUTS)

EXISTING ROOF CONSTRUCTION: (CECO BLDG)

- EXISTING PRE-ENGINEERED BUILDING RIGID FRAME WITH 8 INCH PURLINS (SLOPED)
- EXISTING 8 INCH FIBERGLASS BATT (LINER) INSULATION
- 32 INCH WIDE TRUNCATED RIB CECO ROOF PANELS (RIBS AT 16" O.C.)

NEW ROOF CONSTRUCTION:

(EXISTING ROOF & METAL OVERLAY SYSTEM)

- EXISTING PRE-ENGINEERED BUILDING RIGID FRAME WITH 8 INCH PURLINS (SLOPED)
- EXISTING 8" INCH FIBERGLASS BATT (LINER) INSULATION (PATCH & REPAIR)
- EXISTING CECO ROOF PANELS TO REMAIN.
- NEW 4 1/2" METAL OVERLAY PURLINS.
- NEW 16" OR 18" STANDING SEAM METAL ROOF PANELS

ROOF SYMBOLS & NOTES:

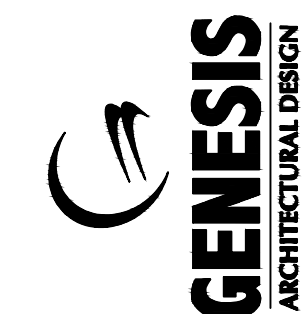
- V.T.R. - VENT THRU ROOF SEE DETAILS: 8/A2.0
- E.F. - EXHAUST FAN DEMO
- D.S. - DOWN SPOUT NEW GUTTER & DOWNSPOUT
- G.E.J. - EXPANSION JOINT GUTTER CAPPED ENDS WITH CAP FOR EXPANSION, MAX 50 FT.
- S.A. S.A. - SUPPLY AIR (AIR INTAKE) SEE DETAIL 10/A2.0
- INDICATES AREAS FOR 8" FIBERGLASS INSULATION W/ LINER TO BE ADDED OR REPLACED

OVERLAY PURLIN NOTES:

- ALL PURLIN SYSTEM FASTENERS ARE TO BE SIZE, LENGTH AND QUANTITY AS REQUIRED BY PURLIN MANUFACTURE. NOTE, EXISTING ROOF PANELS HAVE 1 1/2" STAND OFF SPACING.
- BOTTOM EAVES, PURLIN MAY VARY BASED ON MANUFACTURE REQUIREMENTS.
- PROVIDE ANTI-ROTATIONAL TABS ON PURLINS AS REQUIRED BY THE MANUFACTURER.
- SPLICE OVERLAY PURLIN ENDS WITH OVERLAP AND FASTENERS PER MANUFACTURE REQUIREMENTS.

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ROOF PLAN

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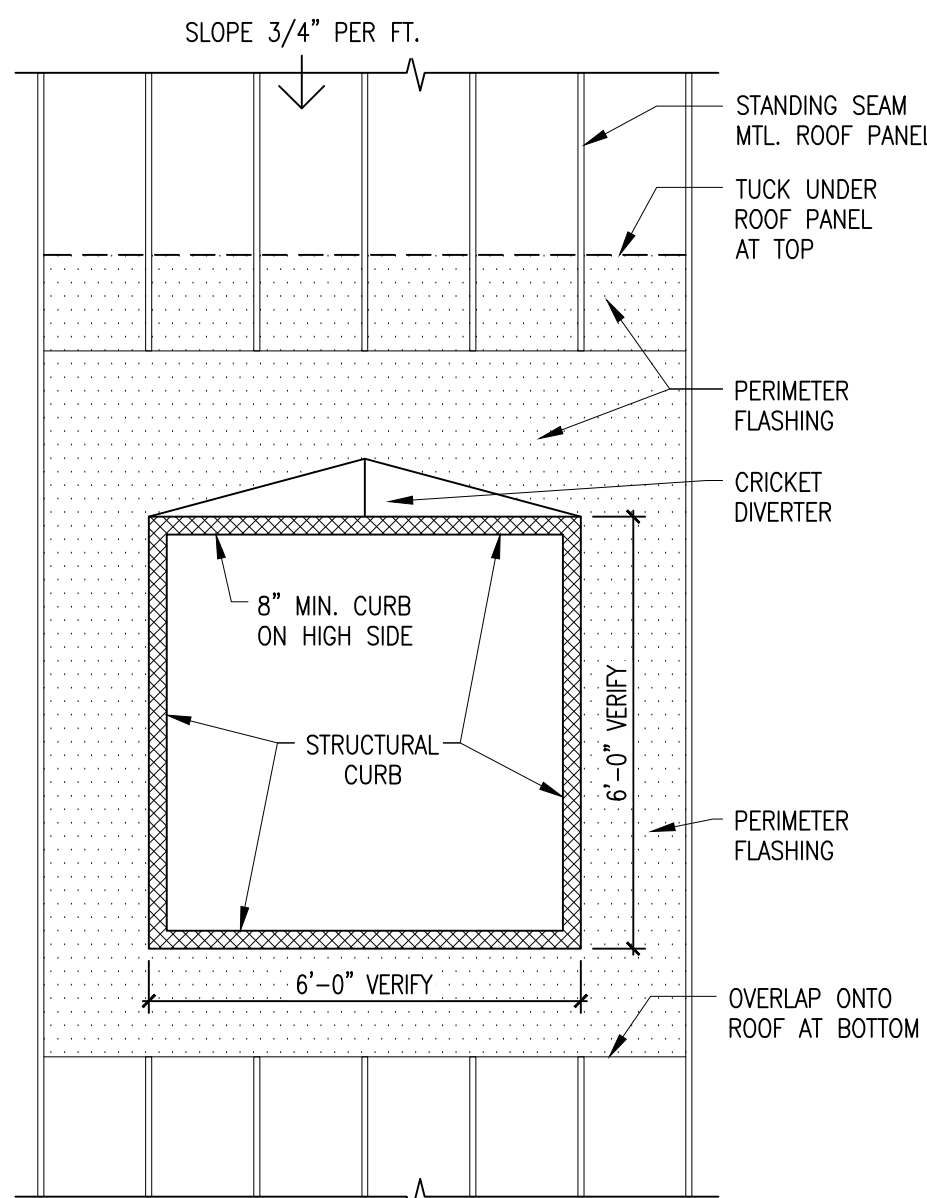
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HVAC CURB NOTES:

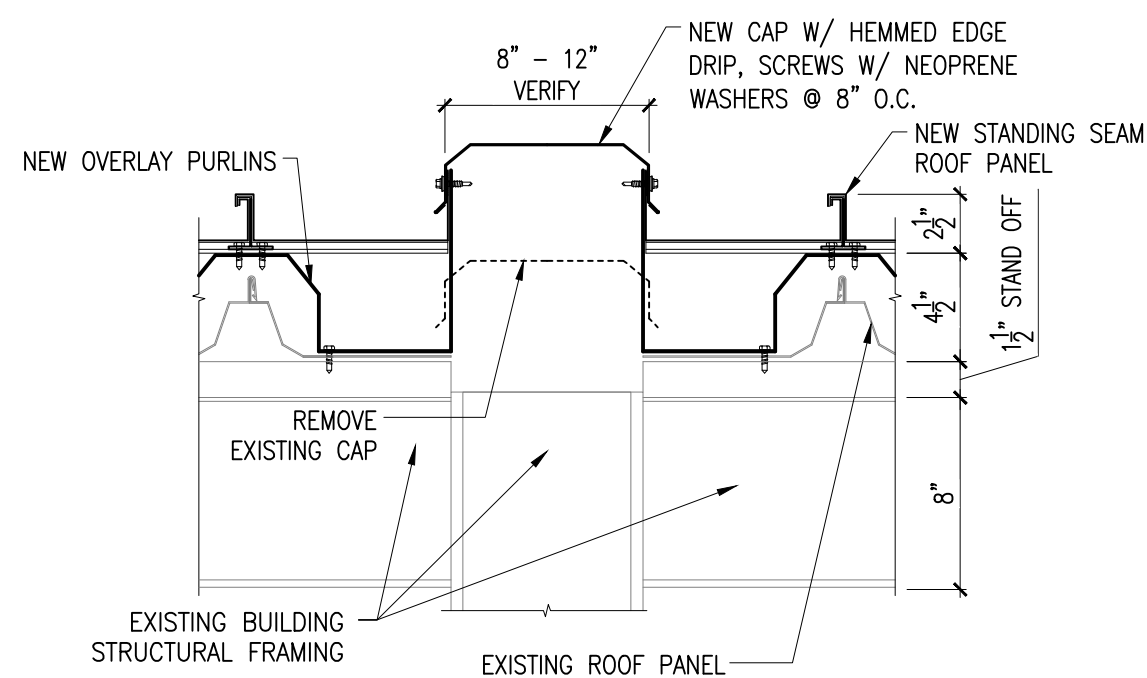
1. INTERIOR UNITS & DUCT ARE SUSPENDED FROM TOP OF EXISTING CURBS. CONTRACTOR TO JACK OR SUPPORT UNITS DURING NEW CURB INSTALLATION. CURBS BEAR WEIGHT OF INTERIOR HVAC & EXTERIOR AIR INTAKE HOODS.
2. CONTRACTORS OPTION TO EXTEND EXISTING ROOF. CURBS WITH CUSTOM CURB FLASHING WITHOUT RAISING EXISTING HVAC OR DUCT. IF EXTENDING CURB ONLY, PROVIDE STRUCTURAL CURB EXTENSIONS, VERIFY SLACK IN EXISTING FLEX CONDUIT TO HOOD FANS AND DEMO EXISTING SADDLES AS NEEDED.
3. PROVIDE ADDITIONAL OVERLAY PURLINS AND BLOCKING AS NEEDED TO SUPPORT PERIMETER FLASHING
4. FIELD VERIFY & MEASURE ALL EXISTING ROOF CONDITIONS, BEARING CONDITIONS & ROOF/BUILDING DIMENSIONS BEFORE ORDERING NEW CURBS.



HVAC CURB DETAIL

SCALE: 3/8" = 1'-0"

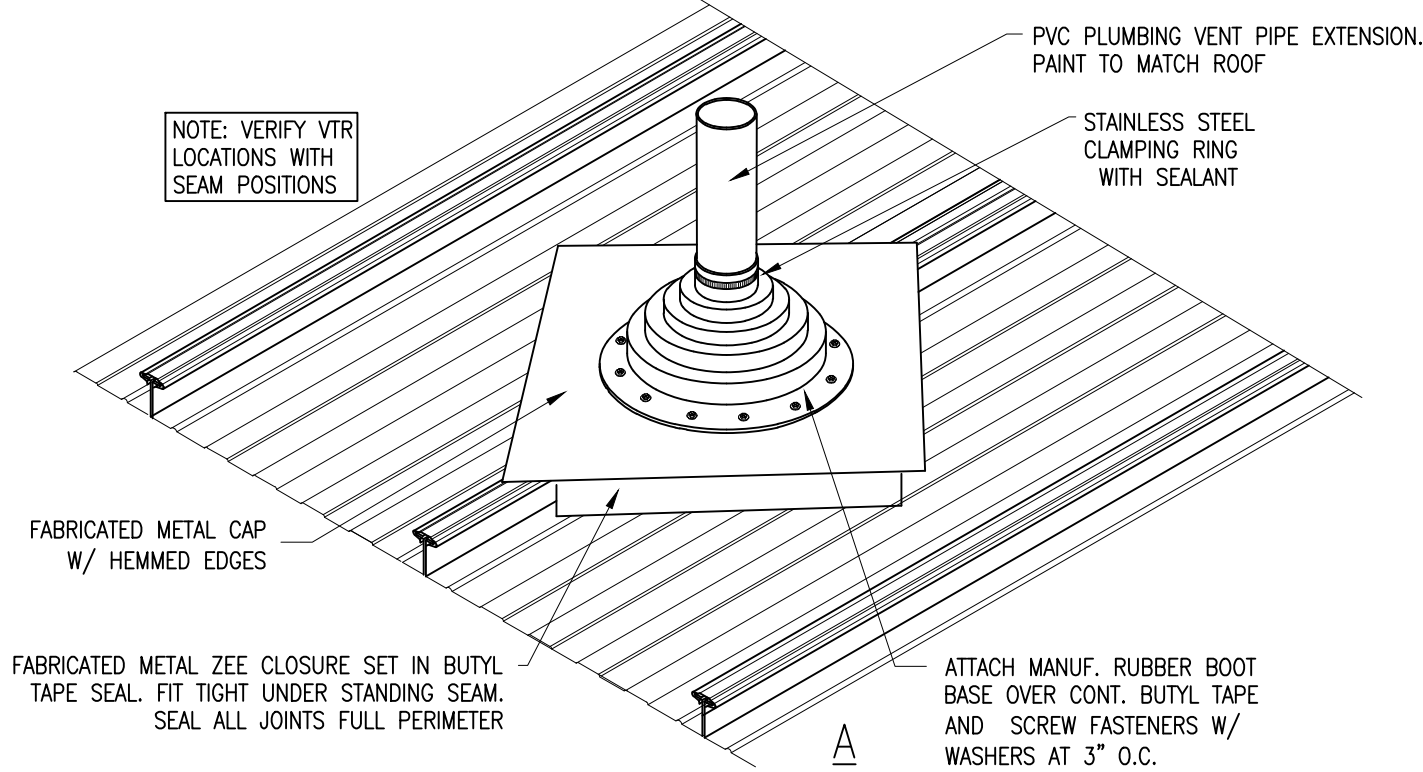
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BUILDING EXPANSION CAP

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

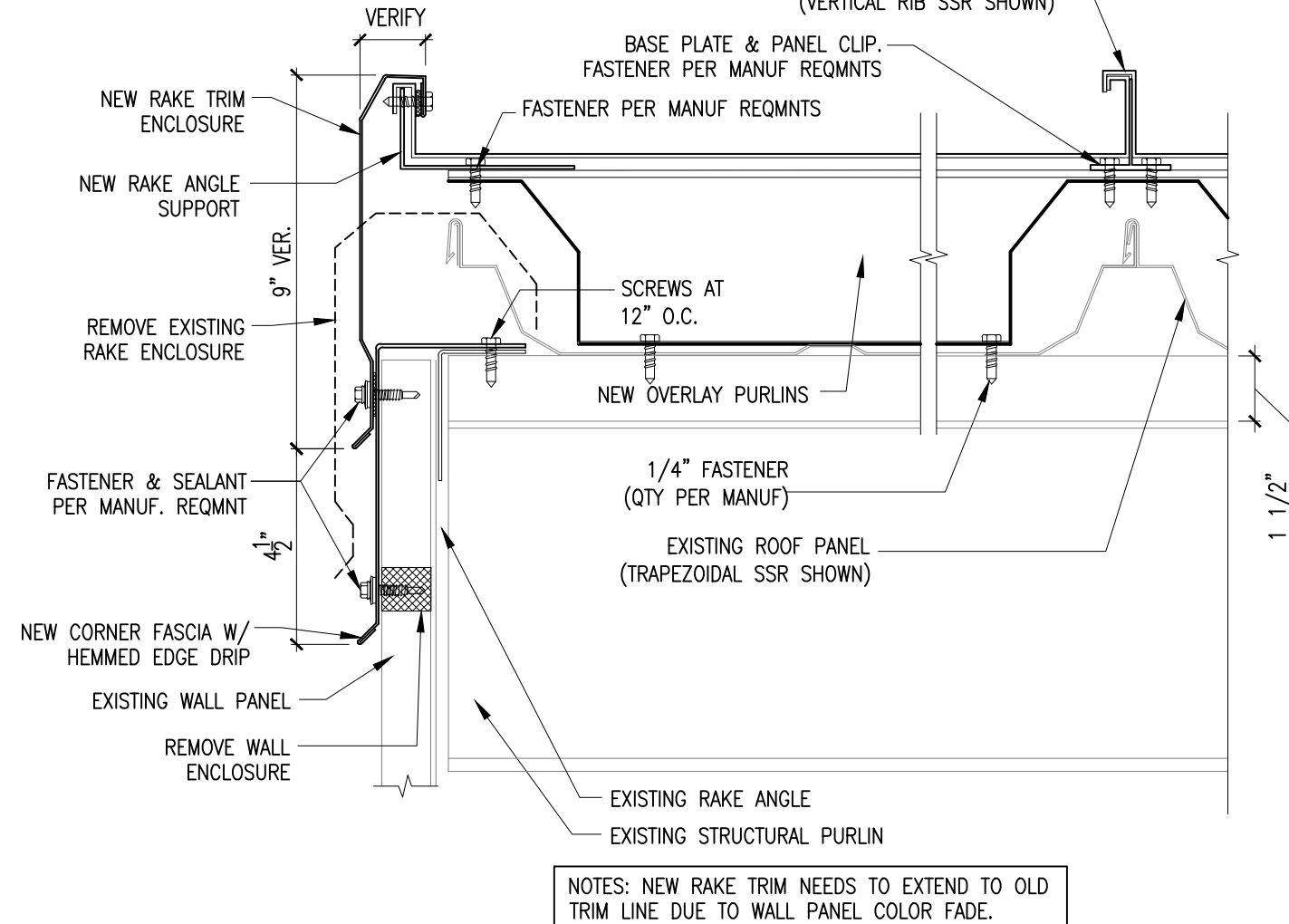
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VENT PIPE FLASHING DETAIL

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

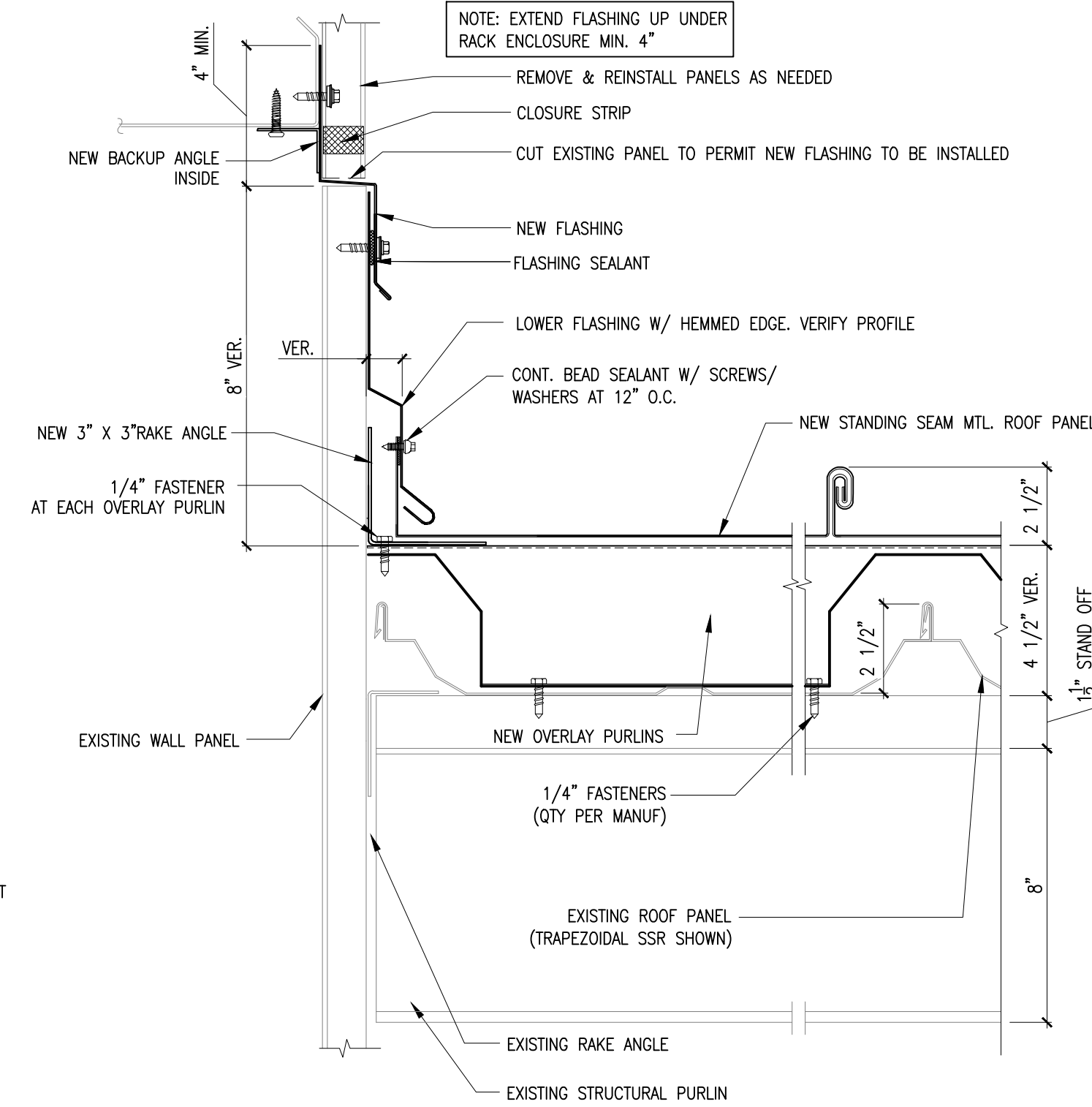
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RAKE ENCLOSURE DETAIL

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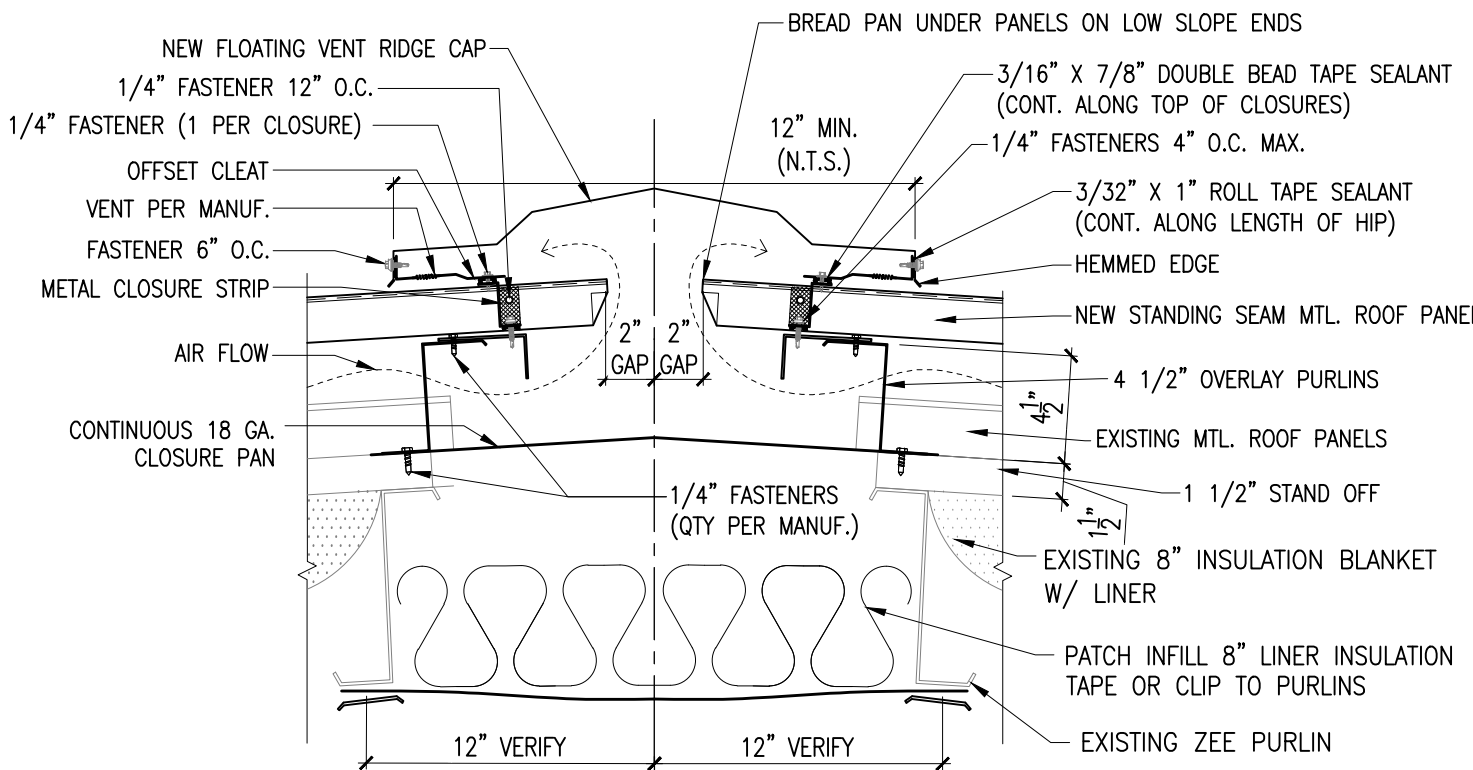
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WALL FLASHING DETAIL

SCALE: 3" = 1'-0"

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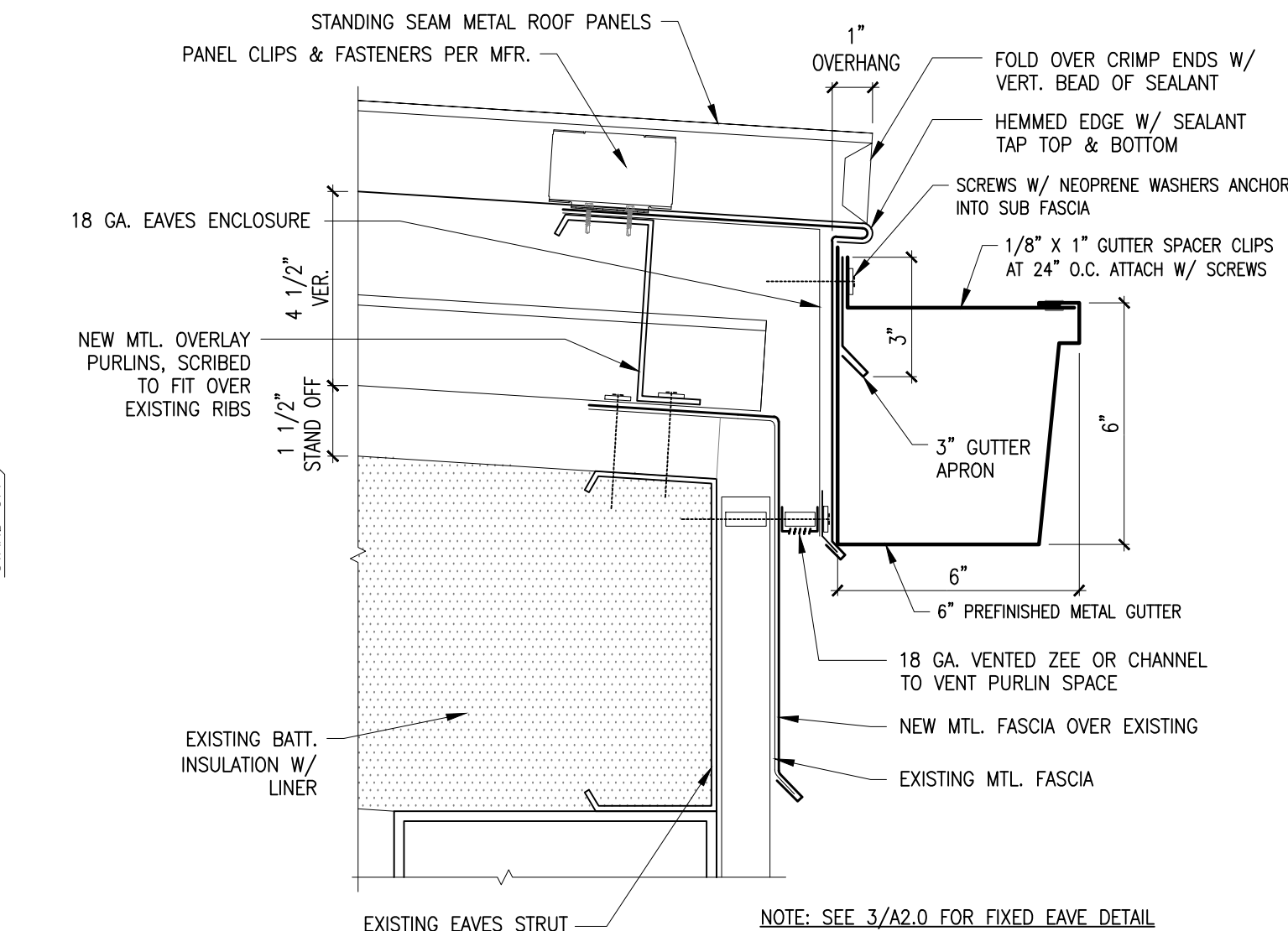


ALL NEW ROOF SYSTEMS INCLUDING PANEL, FASTENERS, TRIM AND ACCESSORIES TO BE INSTALLED PER THAT MANUFACTURER'S WARRANTY REQUIREMENTS.

RIDGE DETAIL - FLOATING & VENTED

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

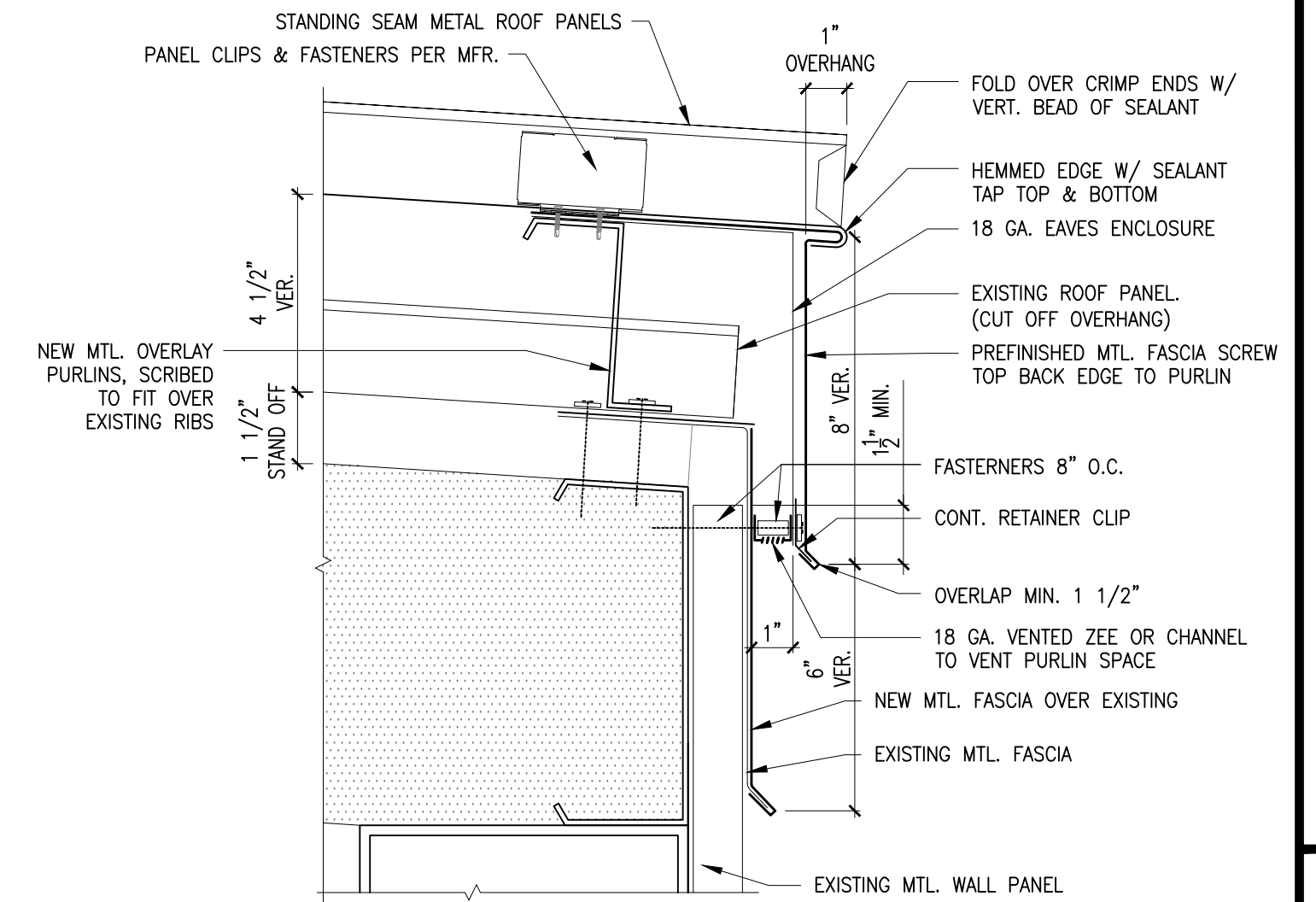
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EAVES DETAIL - FIXED W/ GUTTER

SCALE: 3" = 1'-0"

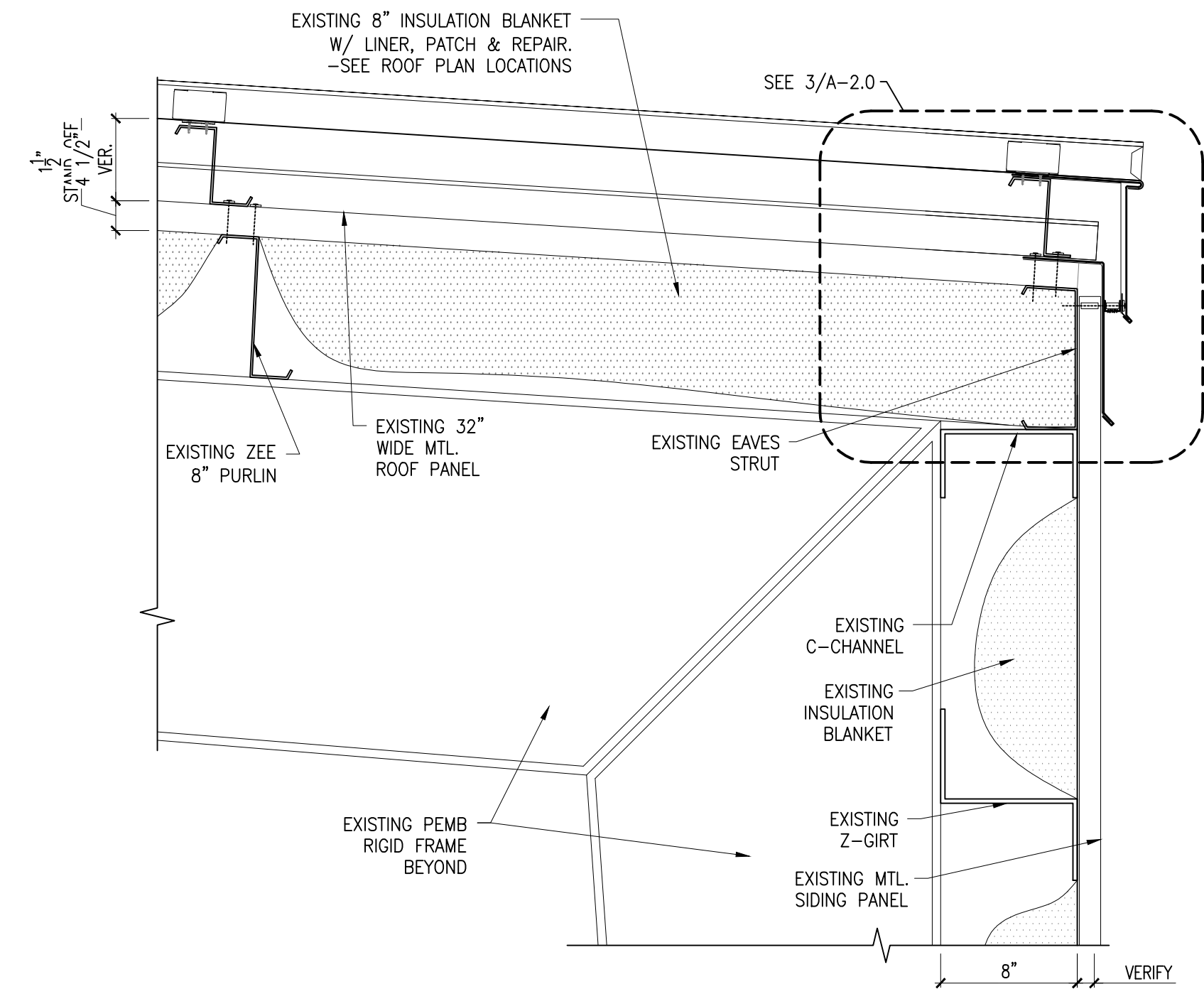
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EAVES DETAIL - FIXED

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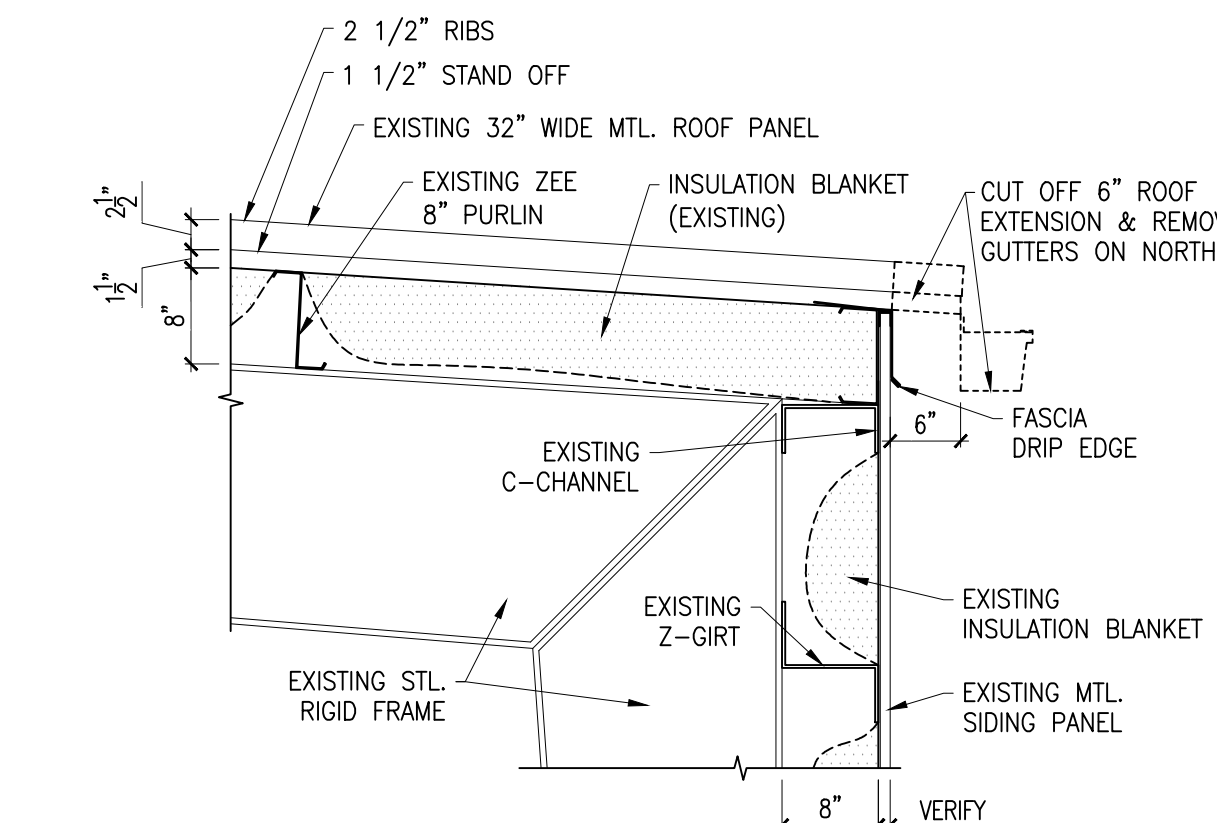
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EAVES DETAIL SECTION

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

2
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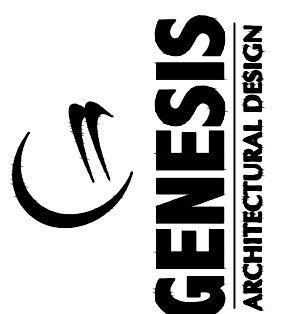
EXISTING EAVE DETAIL

SCALE: 3/4" = 1'-0"

1
A2.0

ARCHITECT

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