

VENTURA UNIFIED SCHOOL DISTRICT

PORTOLA ELEMENTARY SCHOOL
6700 Eagle Street, Ventura, CA 93003



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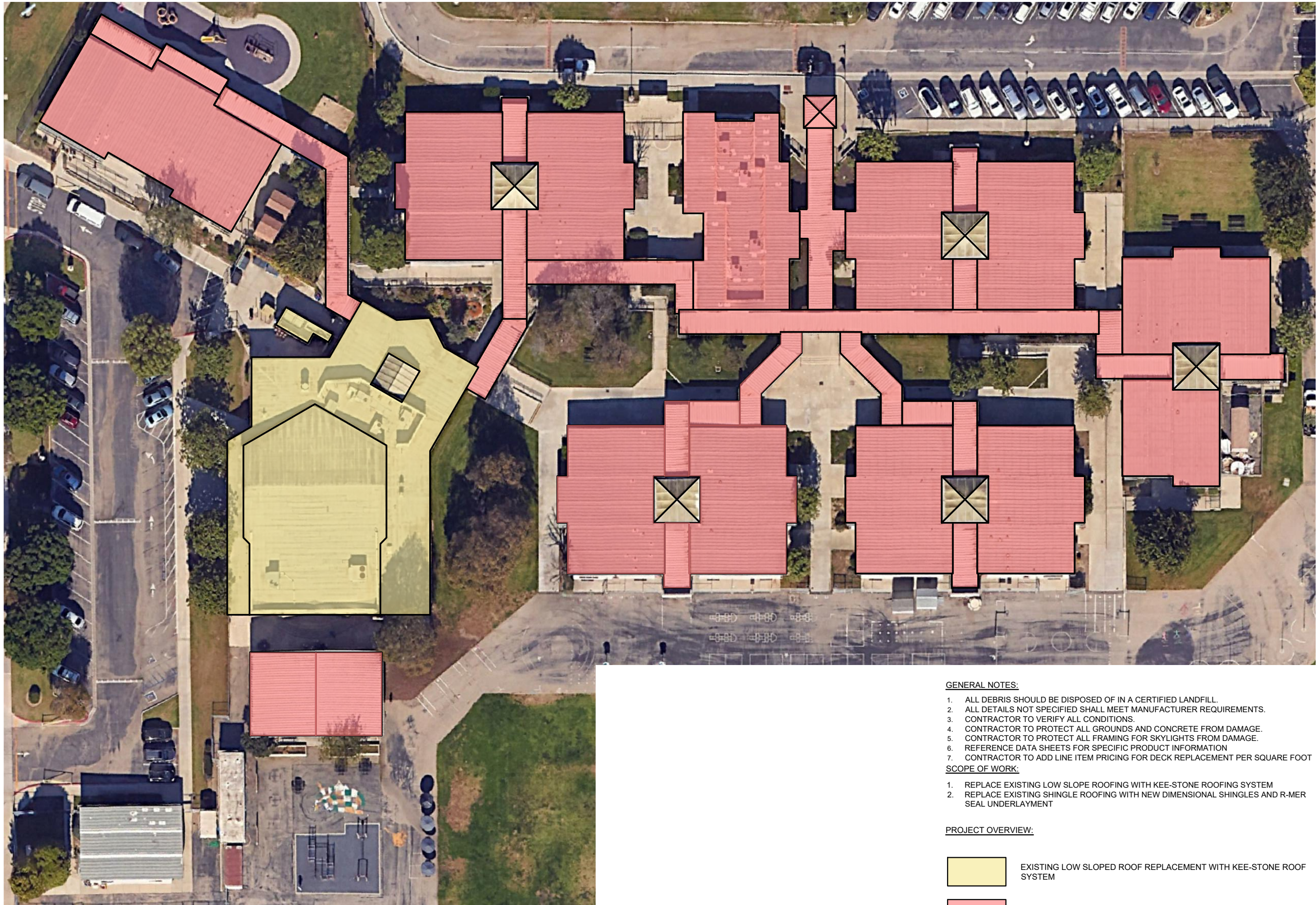


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SCALE:	AS NOTED
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DRAWN BY:	

COVERSHEET



1 ROOF PLAN
A-101 SCALE: N.T.S.

- GENERAL NOTES:**
- 1. ALL DEBRIS SHOULD BE DISPOSED OF IN A CERTIFIED LANDFILL.
 - 2. ALL DETAILS NOT SPECIFIED SHALL MEET MANUFACTURER REQUIREMENTS.
 - 3. CONTRACTOR TO VERIFY ALL CONDITIONS.
 - 4. CONTRACTOR TO PROTECT ALL GROUNDS AND CONCRETE FROM DAMAGE.
 - 5. CONTRACTOR TO PROTECT ALL FRAMING FOR SKYLIGHTS FROM DAMAGE.
 - 6. REFERENCE DATA SHEETS FOR SPECIFIC PRODUCT INFORMATION
 - 7. CONTRACTOR TO ADD LINE ITEM PRICING FOR DECK REPLACEMENT PER SQUARE FOOT
- SCOPE OF WORK:**
- 1. REPLACE EXISTING LOW SLOPE ROOFING WITH KEE-STONE ROOFING SYSTEM
 - 2. REPLACE EXISTING SHINGLE ROOFING WITH NEW DIMENSIONAL SHINGLES AND R-MER SEAL UNDERLAYMENT

- PROJECT OVERVIEW:**
- EXISTING LOW SLOPED ROOF REPLACEMENT WITH KEE-STONE ROOF SYSTEM
 - REPLACE WITH R-MER SPAN ROOFING



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**OVERALL
CAMPUS PLAN**



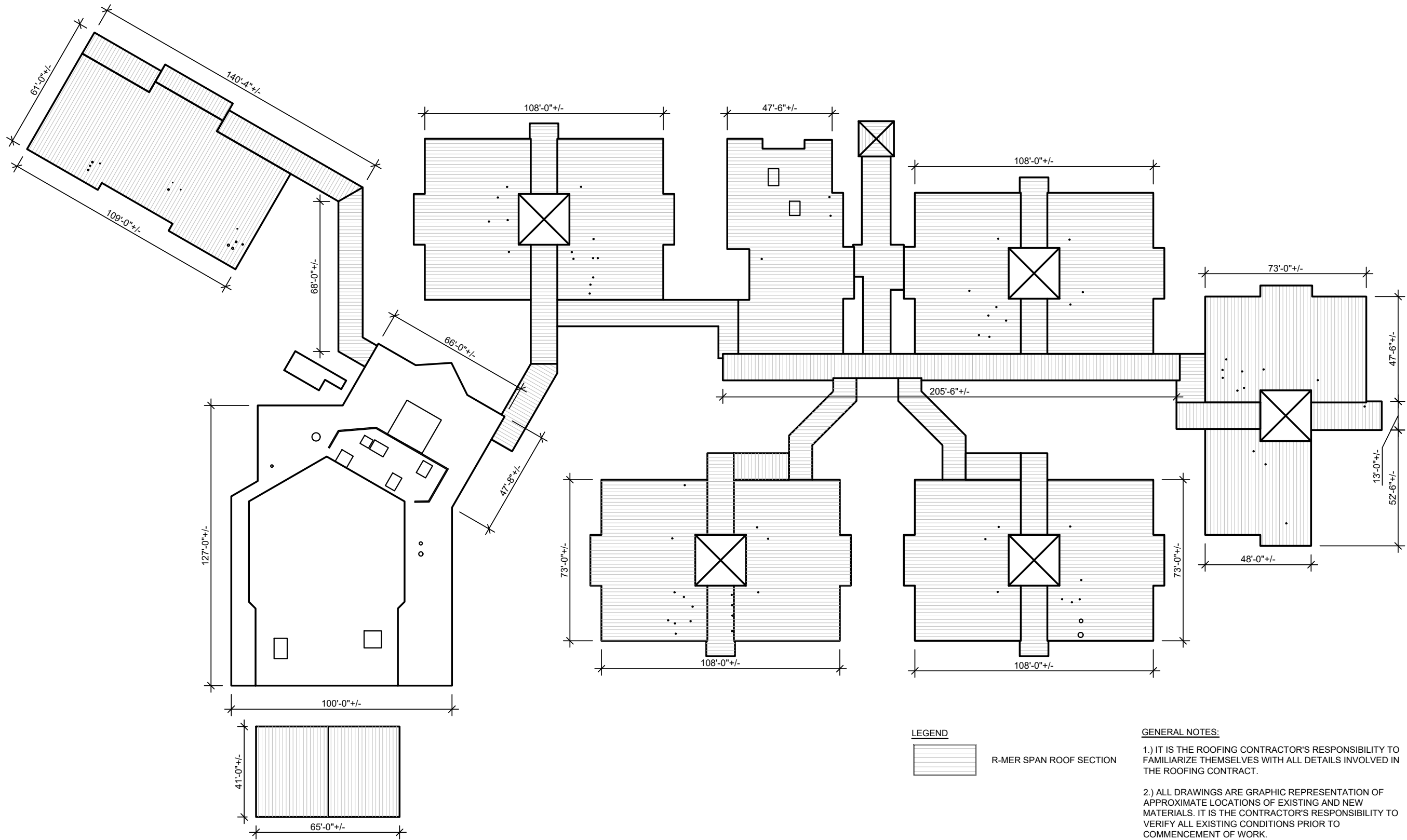
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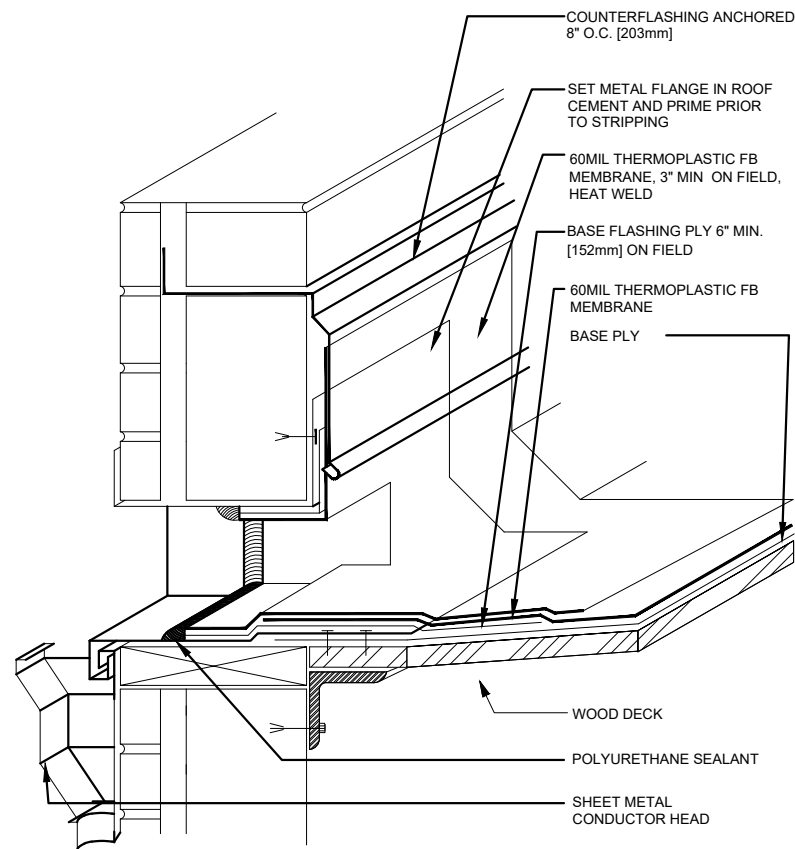
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**ENLARGED
ROOF PLANS**

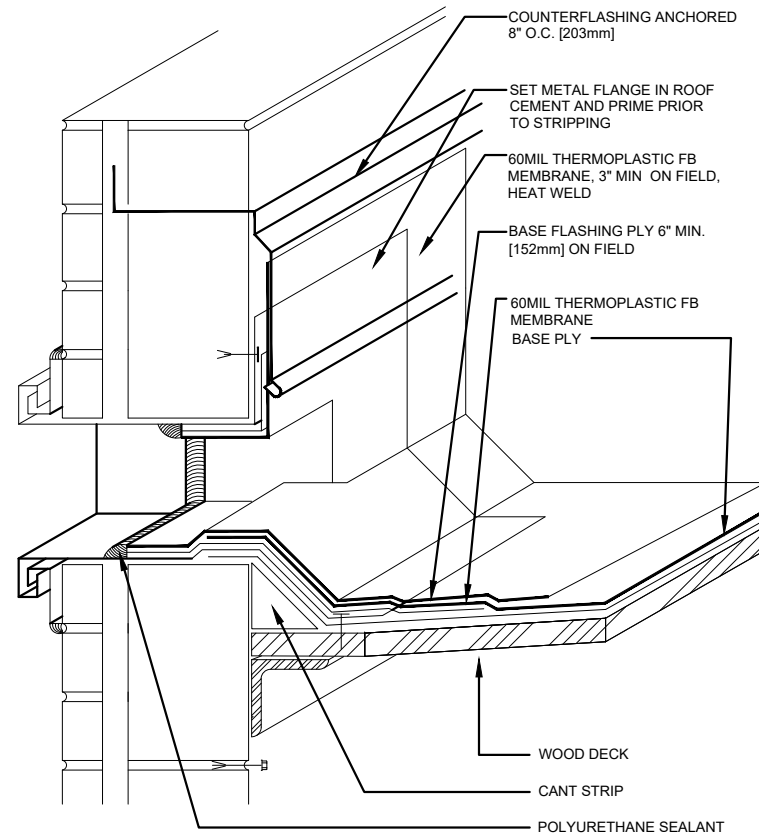
A-101A





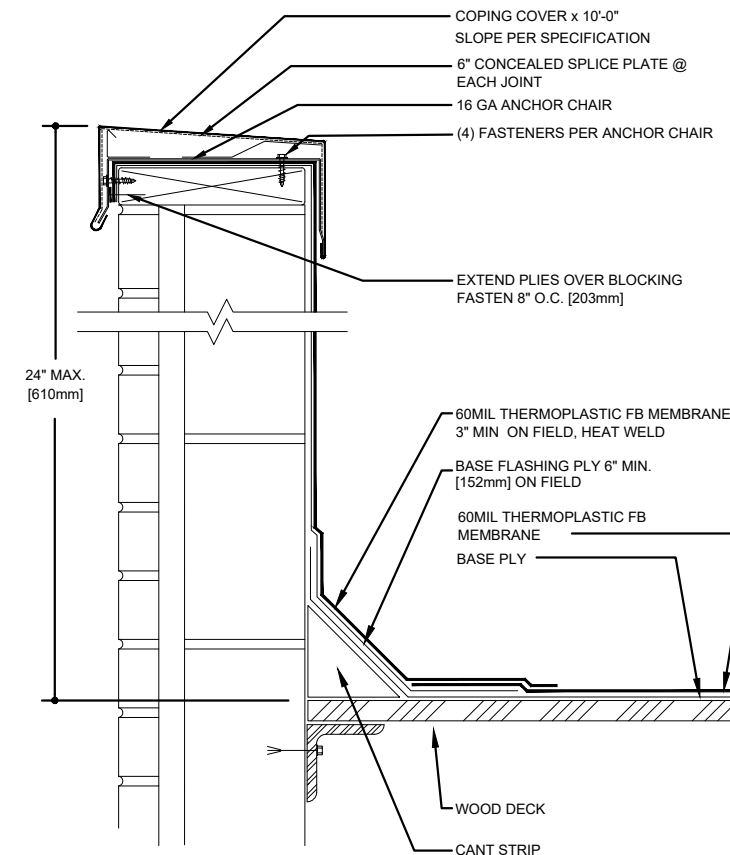
ALL PLIES SET IN BITUMEN SEE SPECIFICATIONS FOR SURFACING

1 SCUPPER THROUGH WALL KEE DETAIL
A-501 SCALE: N.T.S.



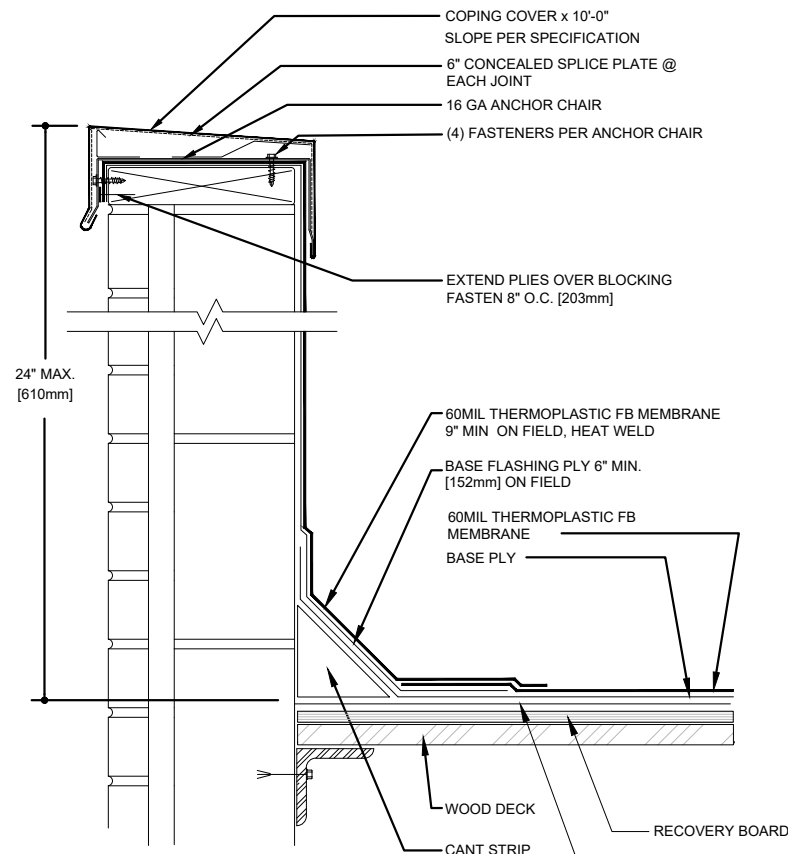
ALL PLIES SET IN BITUMEN SEE SPECIFICATIONS FOR SURFACING

2 SCUPPER THROUGH WALL OVERFLOW DETAIL
A-501 SCALE: N.T.S.

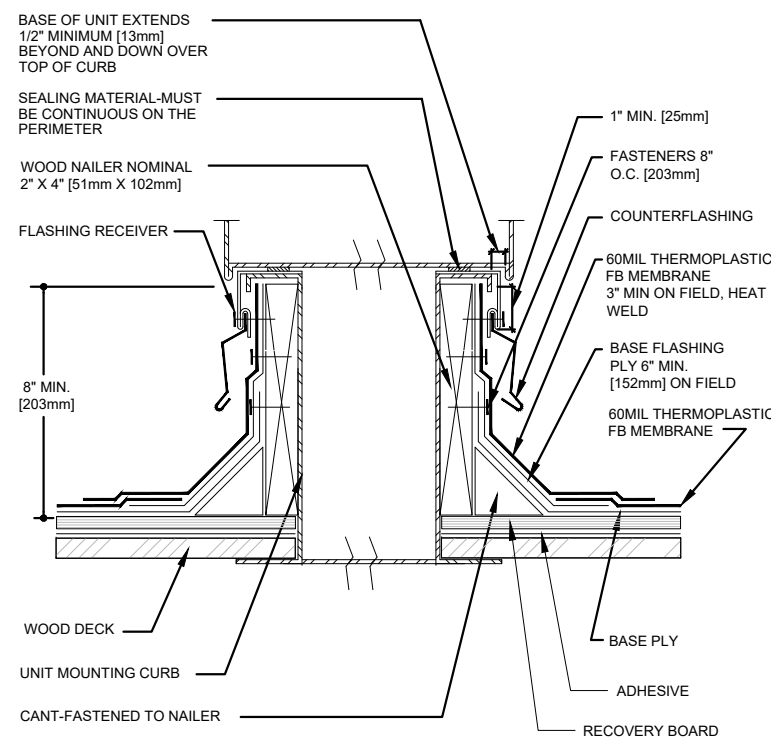


ALL PLIES SET IN BITUMEN SEE SPECIFICATIONS FOR SURFACING

3 COPING CAP KEE DETAIL
A-501 SCALE: N.T.S.

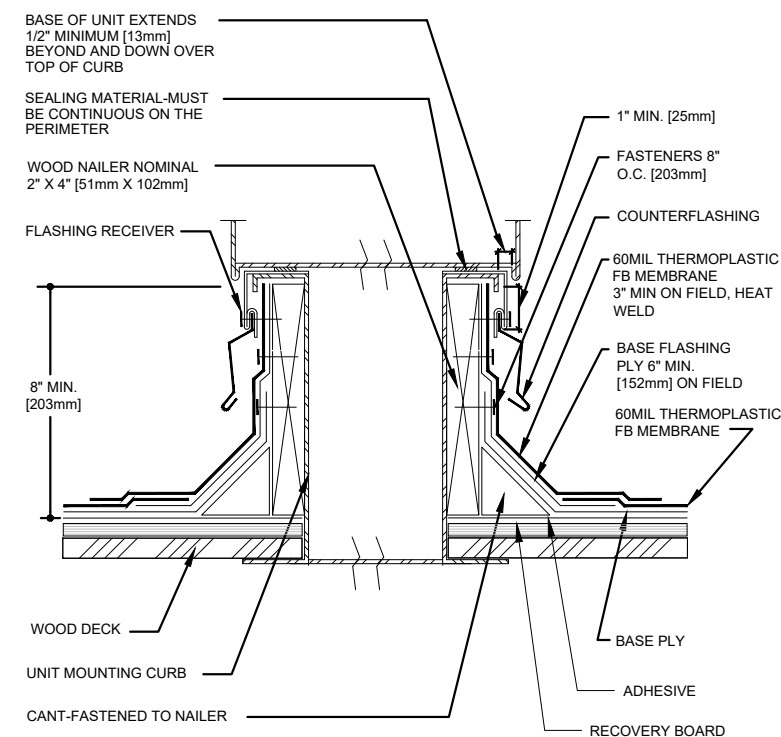


4 COPING CAP KEE 2 DETAIL
A-501 SCALE: N.T.S.



ALL PLIES SET IN BITUMEN SEE SPECIFICATIONS FOR SURFACING

5 CURB AT AIR HANDLING STATION KEE DETAIL
A-501 SCALE: N.T.S.



ALL PLIES SET IN BITUMEN SEE SPECIFICATIONS FOR SURFACING

6 CURB AT AIR HANDLING STATION KEE 2 DETAIL
A-501 SCALE: N.T.S.



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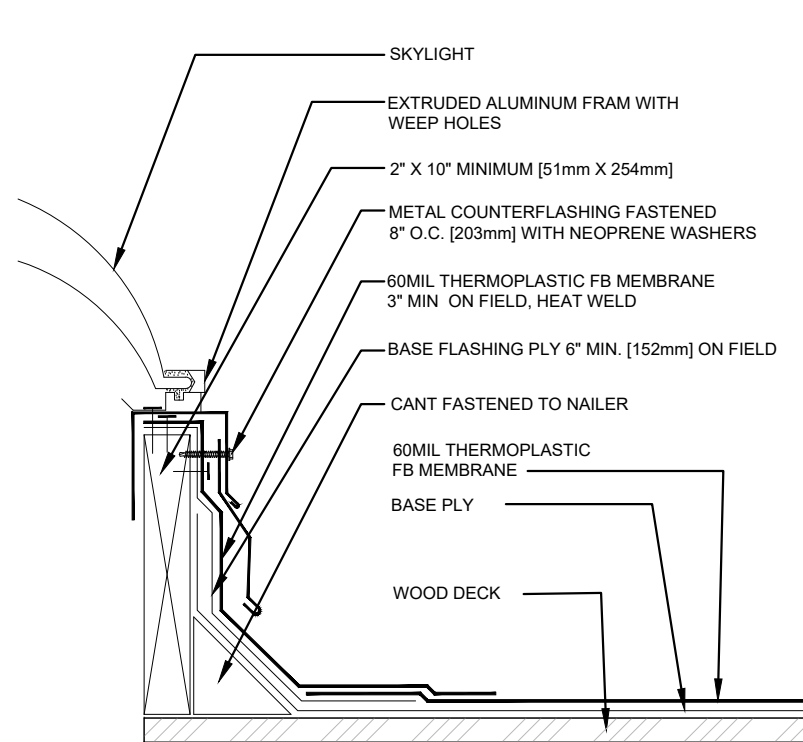
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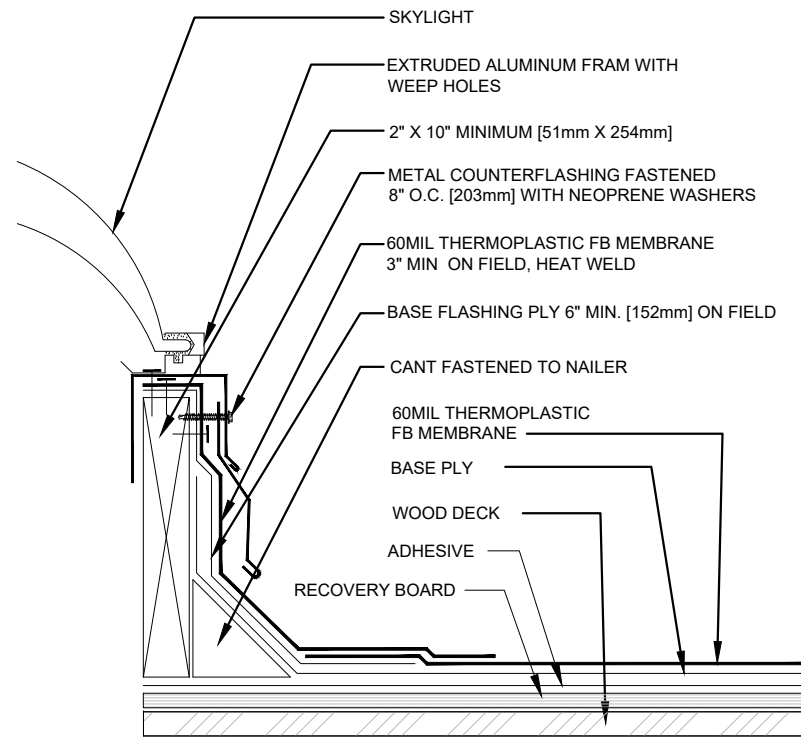
ROOF DETAILS

A-501



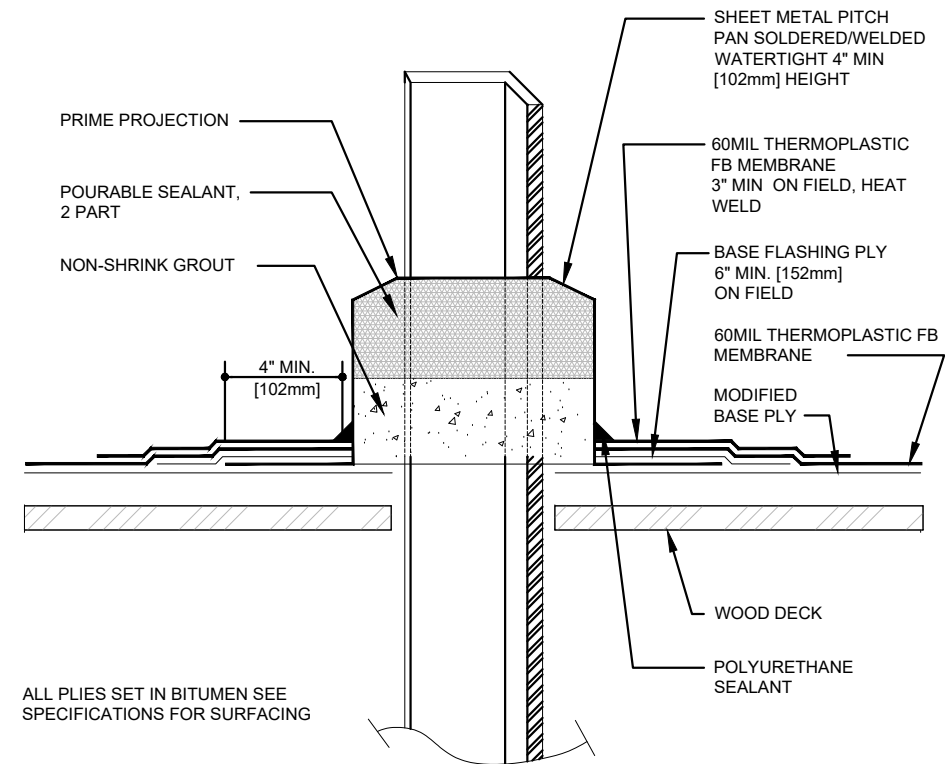
ALL PLIES SET IN BITUMEN SEE SPECIFICATIONS FOR SURFACING

1 ROOF SKYLIGHT KEE DETAIL
A-502 SCALE: N.T.S.



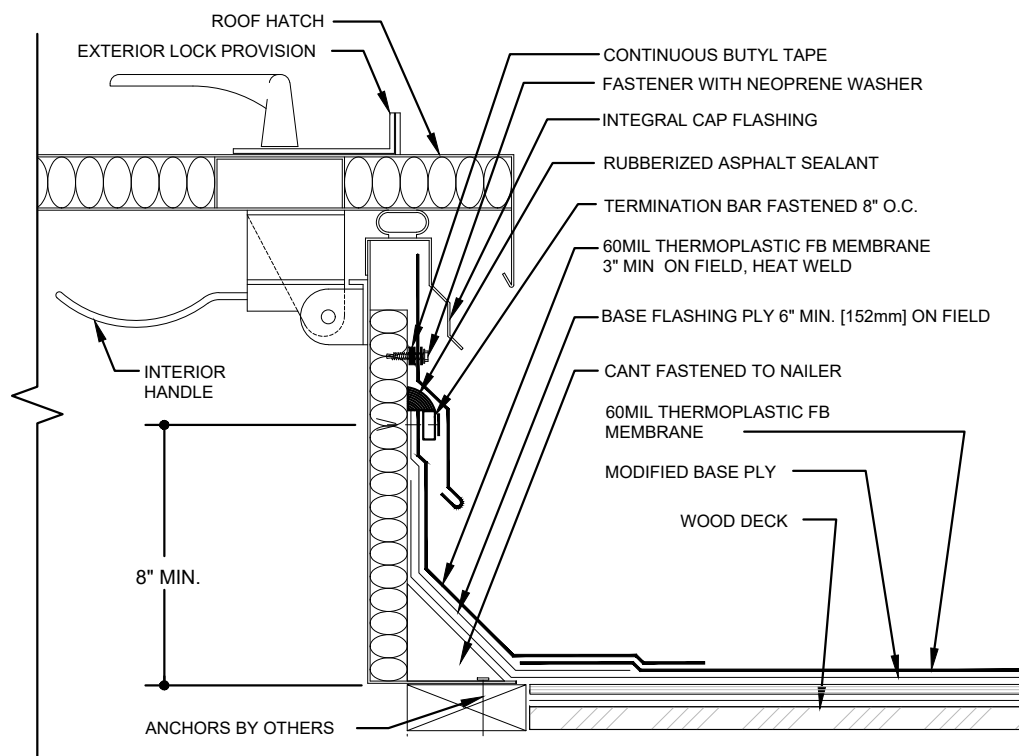
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2 ROOF SKYLIGHT KEE 2 DETAIL
A-502 SCALE: N.T.S.

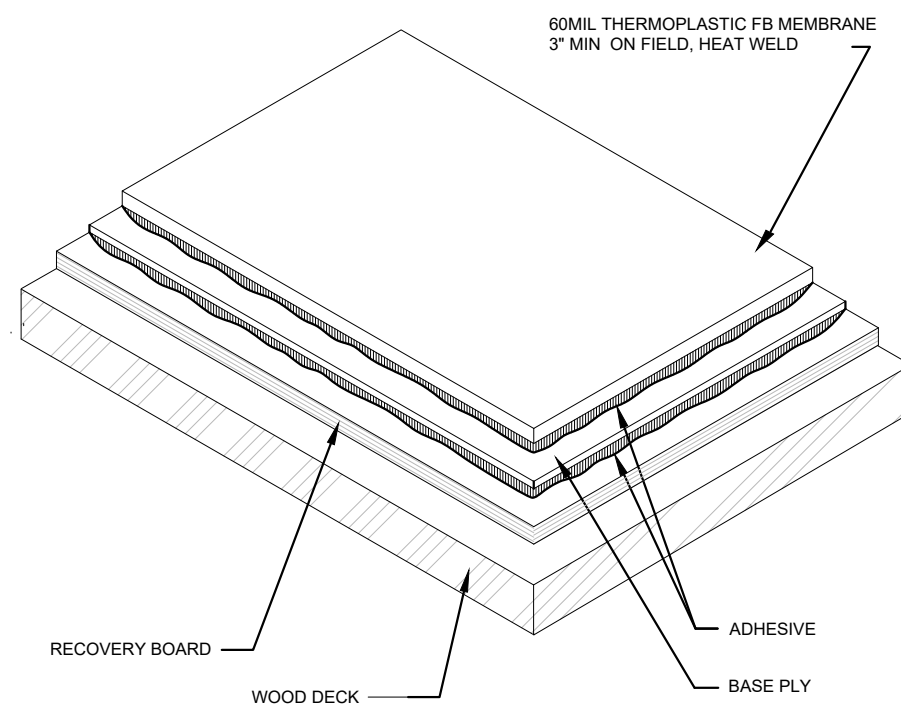


ALL PLIES SET IN BITUMEN SEE SPECIFICATIONS FOR SURFACING

3 PITCH POCKET KEE DETAIL
A-502 SCALE: N.T.S.

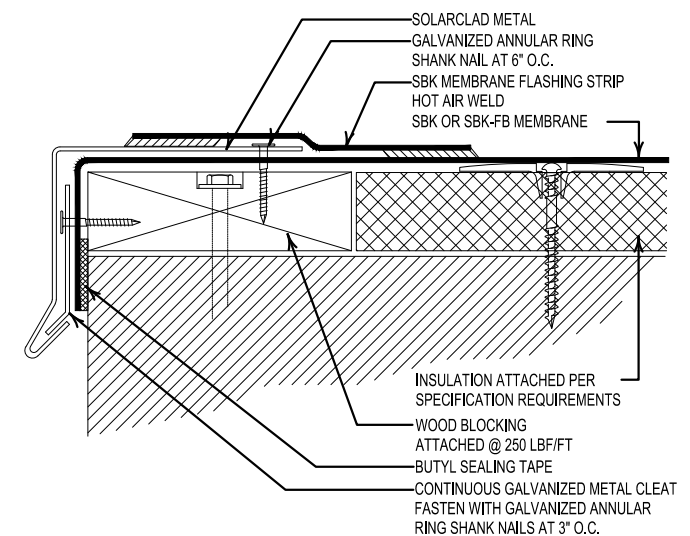
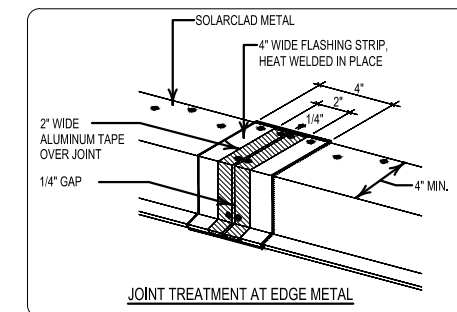


4 ROOF HATCH DETAIL
A-502 SCALE: N.T.S.

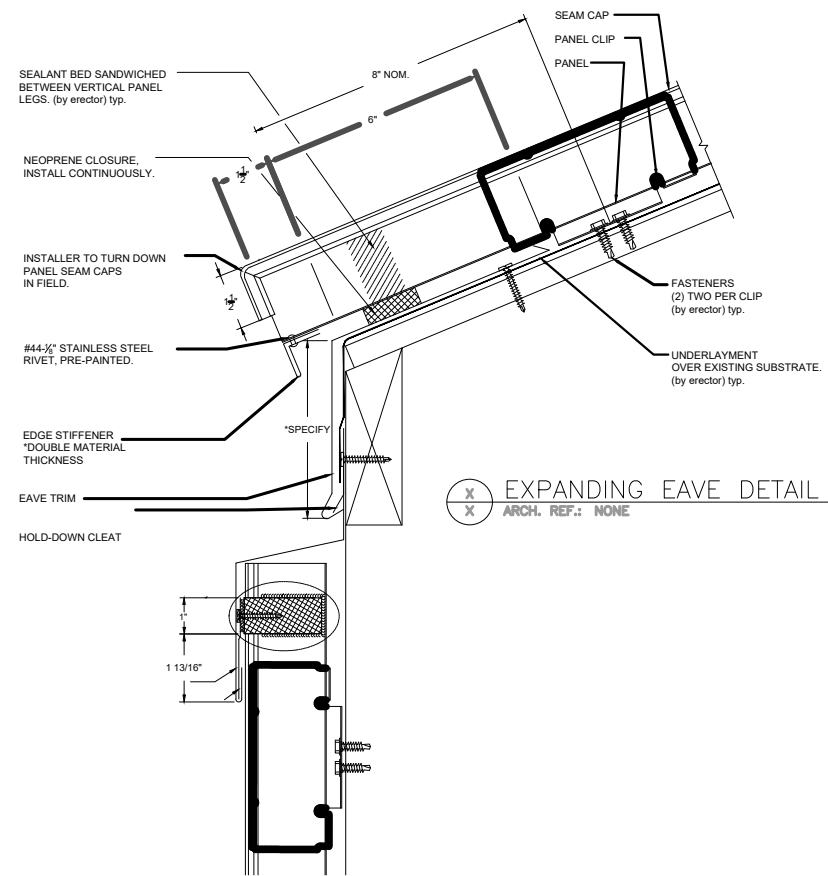


SEE SPECIFICATIONS FOR ADHESIVES

5 TYPICAL CROSS SECTION - KEE
A-502 SCALE: N.T.S.

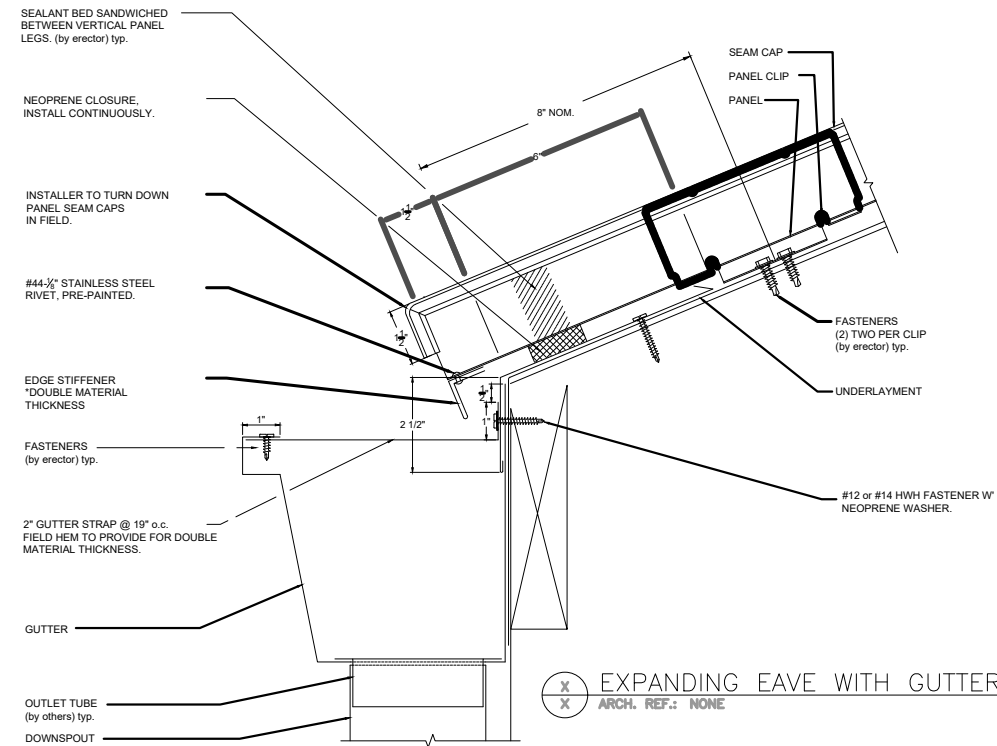


6 TYPICAL EDGE FLASHING DETAIL
A-502 SCALE: N.T.S.



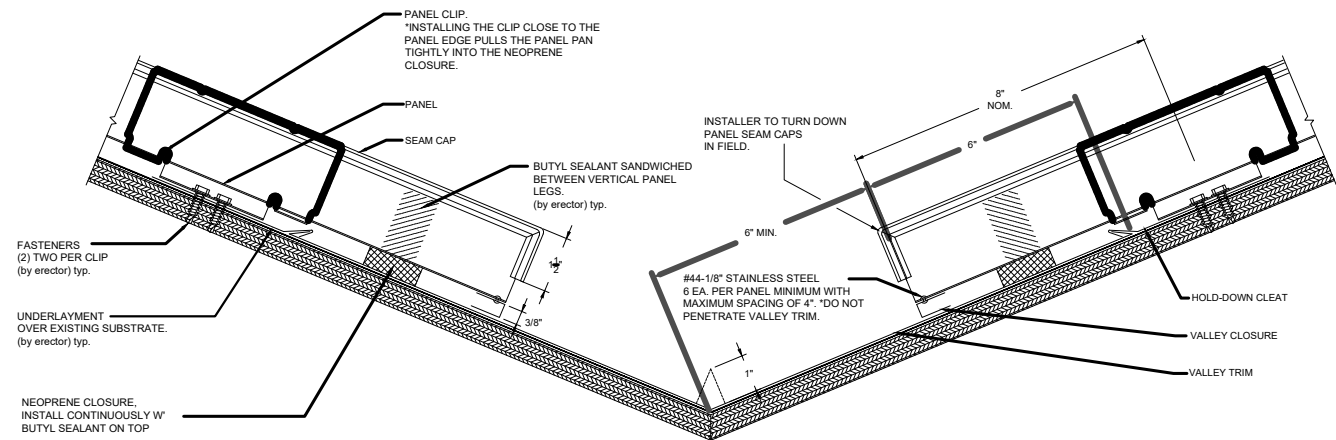
EXPANDING EAVE DETAIL
ARCH. REF.: NONE

1 EXPANDING EAVE DETAIL
A-503 SCALE: N.T.S.



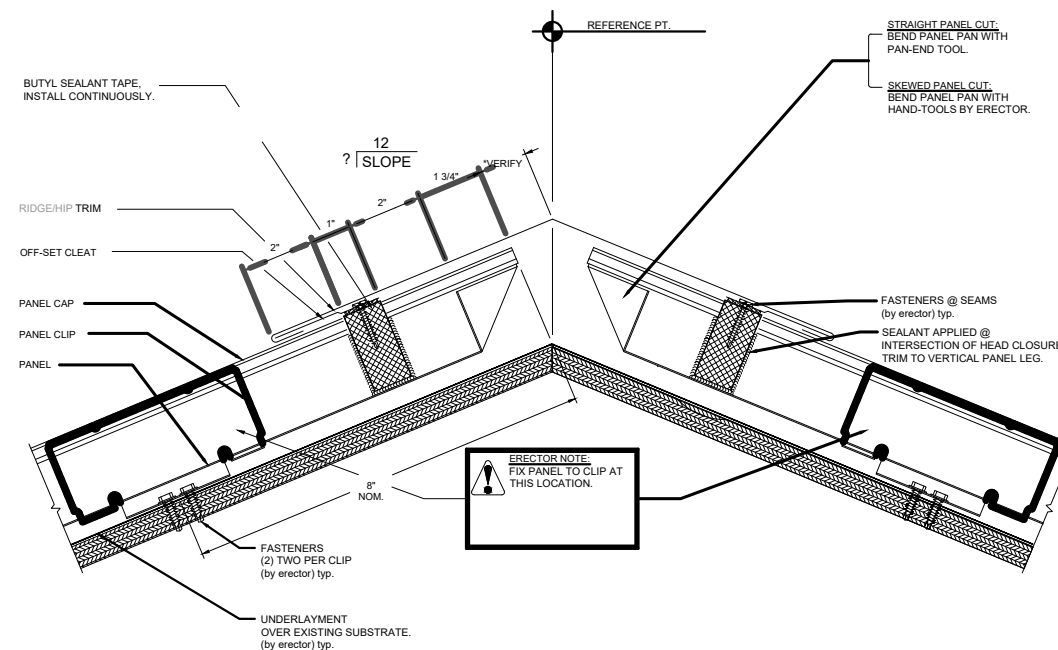
EXPANDING EAVE WITH GUTTER
ARCH. REF.: NONE

2 EXPANDING EAVE WITH GUTTER DETAIL
A-503 SCALE: N.T.S.



EXPANDING VALLEY DETAIL (WITH OPTIONAL DIVERTER)
ARCH. REF.: NONE

3 EXPANDING VALLEY DETAIL
A-503 SCALE: N.T.S.



FIXED RIDGE/HIP DETAIL
ARCH. REF.: NONE

4 FIXED RIDGE/ HIP DETAIL
A-503 SCALE: N.T.S.



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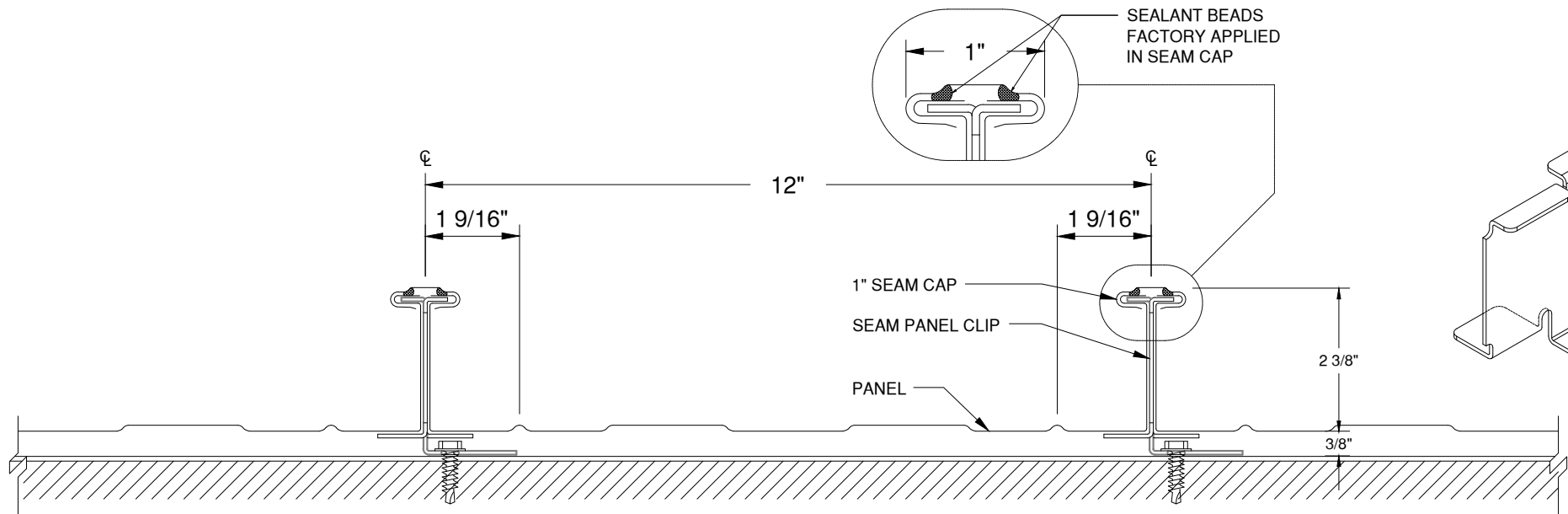
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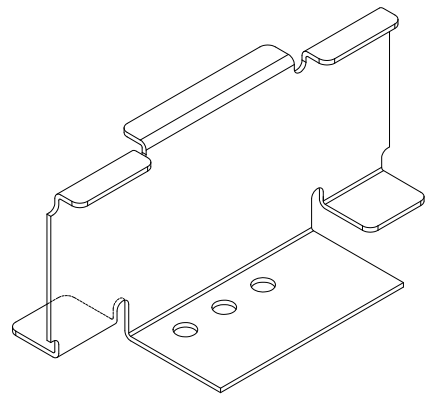
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ROOF DETAILS

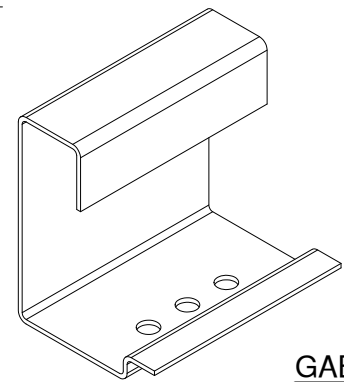
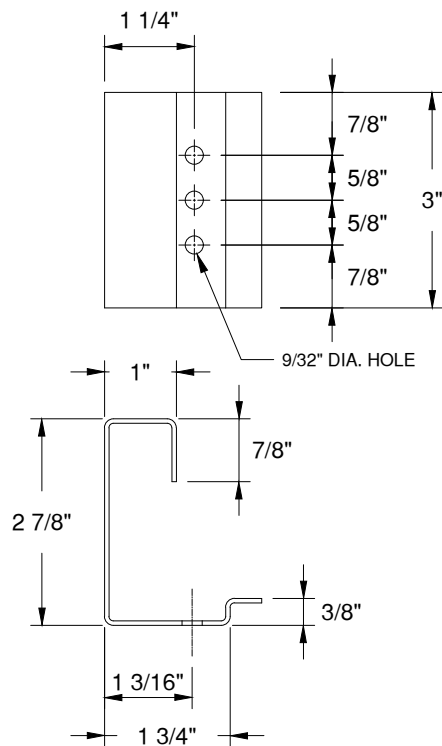
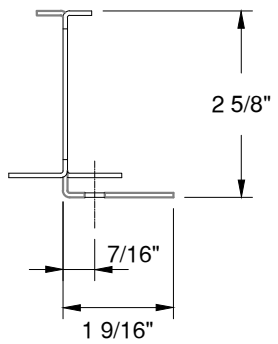
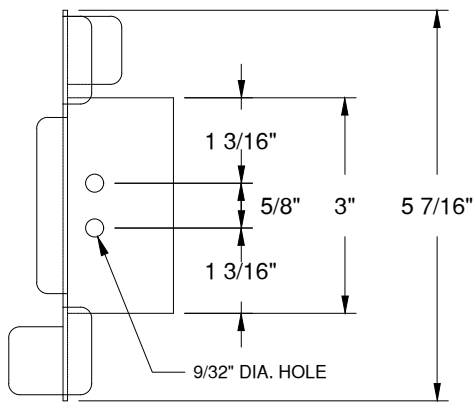
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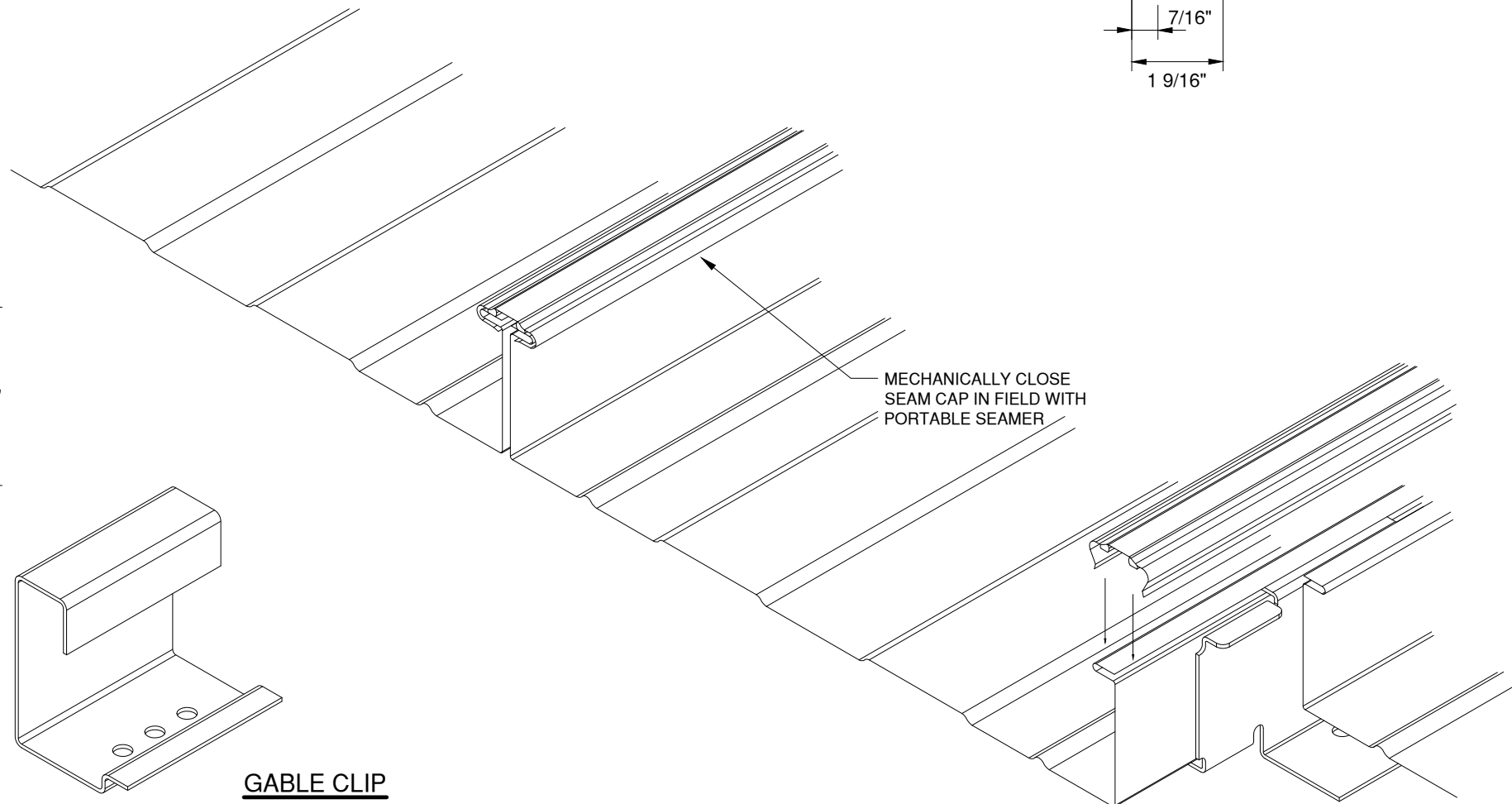
STANDARD MESA PROFILE SHOWN



SEAM CLIP
16GA GALVANIZED STEEL
16GA STAINLESS STEEL



GABLE CLIP
16GA GALVANIZED STEEL
16GA STAINLESS STEEL



R-MER SPAN - 12" WIDE
STRUCTURAL STANDING SEAM ROOF SYSTEM



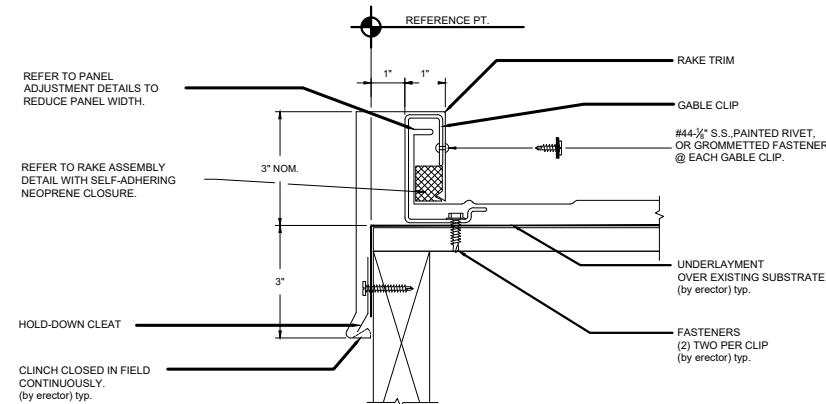
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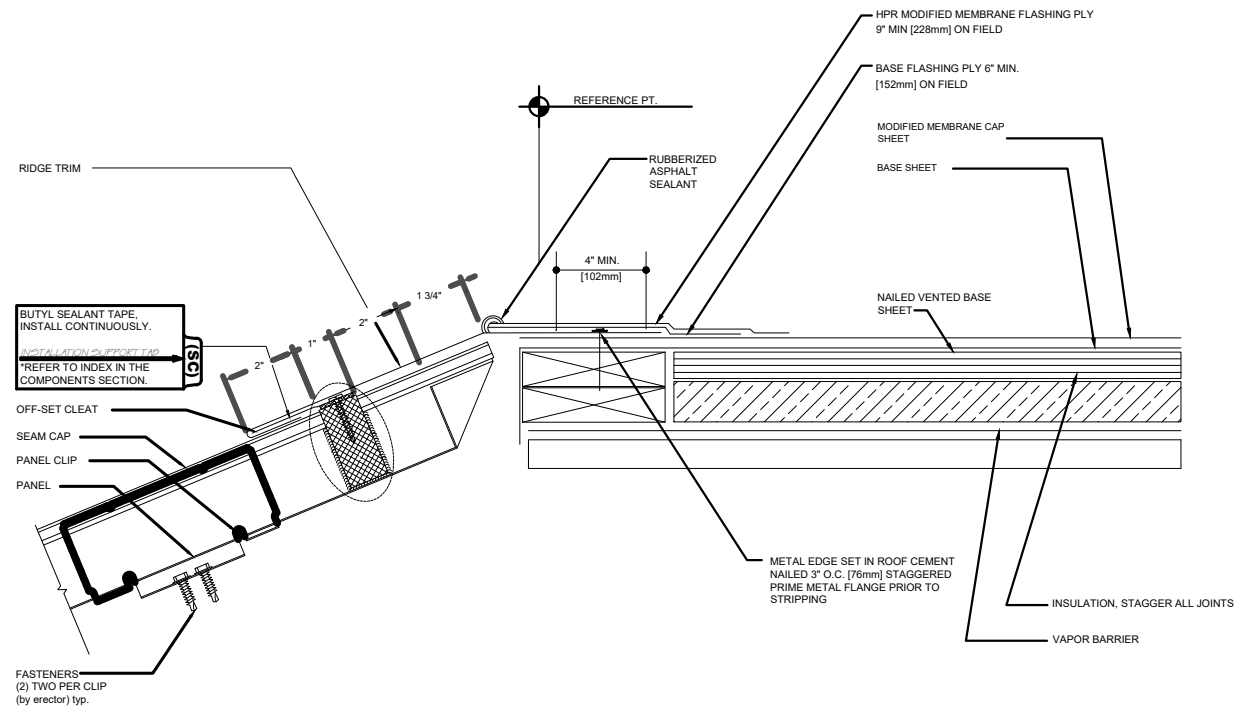
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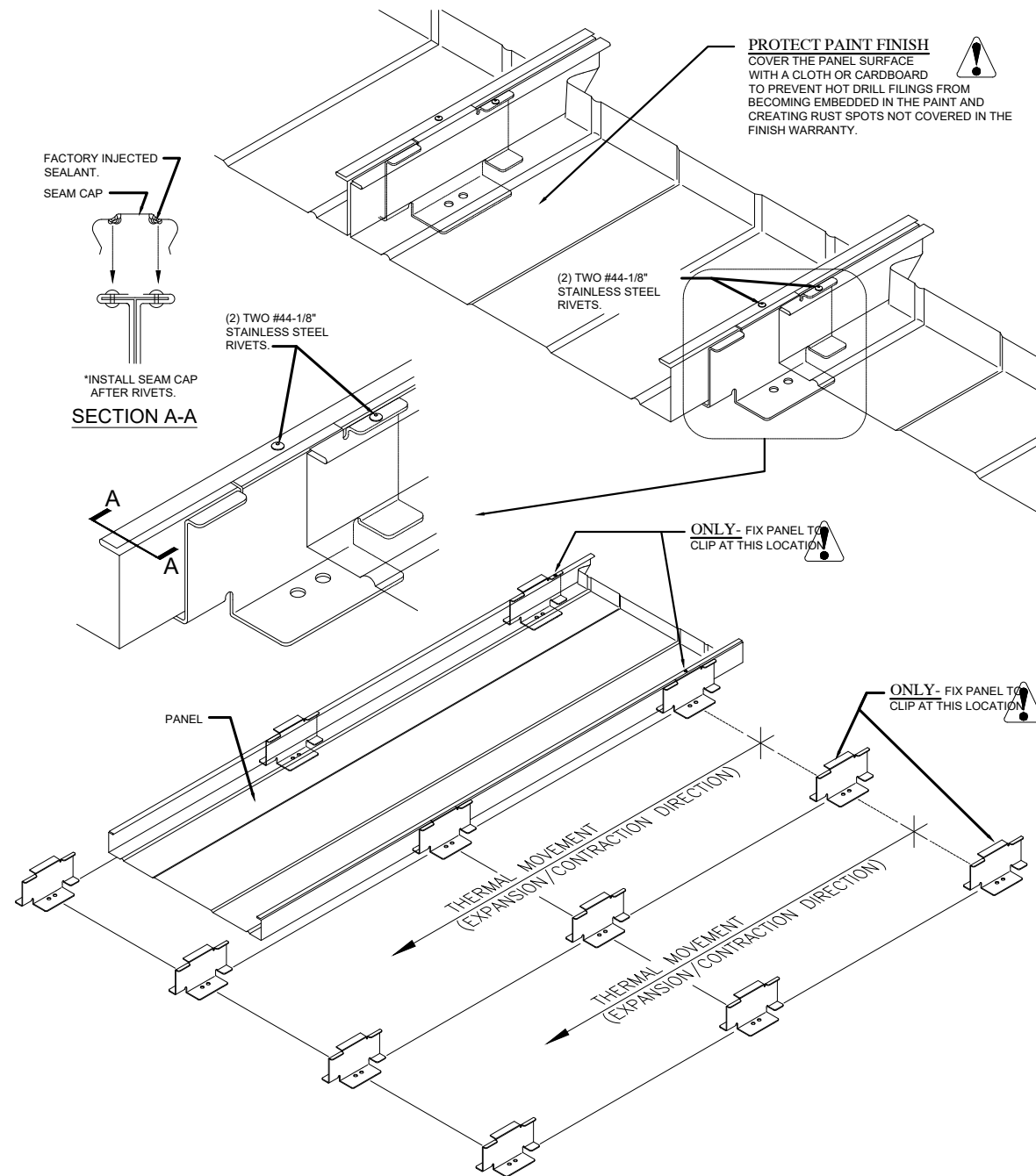
A-504



1 RAKE DETAIL
A-505 SCALE: N.T.S.



2 ROOF EDGE TO SS HEAD TRANSITION DETAIL
A-505 SCALE: N.T.S.



ERECTOR NOTE: FIXED PANEL INSTALLATION METHOD

- TYPICALLY, PANELS ARE "FIXED" ALONG THE RIDGE/HIP/HEAD CONDITIONS AND PANEL THERMAL MOVEMENT IS DIRECTED TOWARD THE EAVE/SILL/VALLEY CONDITIONS.
- FIX (MECHANICAL ATTACHED) PANELS TO CLIPS AS SHOWN.
- PROTECT THE PANEL'S PAINT FINISH FROM HOT DRILL FILINGS. THESE FILINGS WILL BECOME SELF-EMBEDDED IN THE PAINT AND CREATE RUST SPOTS NOT COVERED IN THE FINISH WARRANTY.
- SNAP ON THE SEAM CAP AFTER THE PANEL HAS BEEN RIVETED TO THE PANEL CLIPS. SEE DRAWING.
- USE THE HAND CRIMPING TOOL AND CRIMP THE SEAM CAPS AT THESE FIXED LOCATIONS.
- DO NOT RUN THE MOTORIZED ELECTRIC SEAMING MACHINE OVER THESE FIXED LOCATIONS.

ERECTOR NOTE: FIXED PANEL LOCATION EXPLANATION

- THE FIXED PANEL LOCATIONS ILLUSTRATED ON THE ROOF PLAN DESIGNATE A "FIXED LOCATION" BETWEEN THE PANEL AND PANEL CLIP.
- THIS "FIXED LOCATION" IS A MECHANICAL CONNECTION BETWEEN THESE TWO COMPONENTS, PANEL AND PANEL CLIP.
- A "FIXED LOCATION" CAN ONLY OCCUR AT ONE LOCATION ON EACH PANEL.
- DO NOT ATTACH EACH PANEL CLIP TO THE PANEL.
- THE PANEL MUST BE FIXED (MECHANICAL ATTACHED) AT ONE LOCATION AND ALL REMAINING PANEL CLIPS ALONG THE PANEL MUST NOT BE ATTACHED.
- ONCE THE PANEL IS FIXED AT THE ONE LOCATION, THE REMAINING NON-ATTACHED PANEL CLIPS WILL ALLOW PANEL THERMAL MOVEMENT.
- THIS THERMAL MOVEMENT IS EXPANSION AND CONTRACTION OF THE PANEL ALONG ITS ENTIRE LENGTH.

3 STANDARD FIXED PANEL DETAIL
A-505 SCALE: N.T.S.



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