VENTURA UNIFIED SCHOOL DISTRICT

CABRILLO MIDDLE SCHOOL

1426 E Santa Clara Street, Ventura, CA 93001



DRAWING INDEX

A-001	COVERSHEET
A-101	OVERALL CAMPUS PLAN
A-101A	ROOF PLAN
A-101B	ROOF PLAN
A-101C	ROOF PLAN
A-501	ROOF DETAILS
A-502	ROOF DETAILS
A-503	ROOF DETAILS
A-504	ROOF DETAILS
A-505	ROOF DETAILS
A-506	ROOF DETAILS
A-507	ROOF DETAILS

GARLAND since 1895

VUSD

VENTURA UNIFIED SCHOOL DISTRICT

CABRILLO
MIDDLE SCHOOL
1426 E Santa Clara Street
Ventura, CA 93001

SCALE: AS NOTED

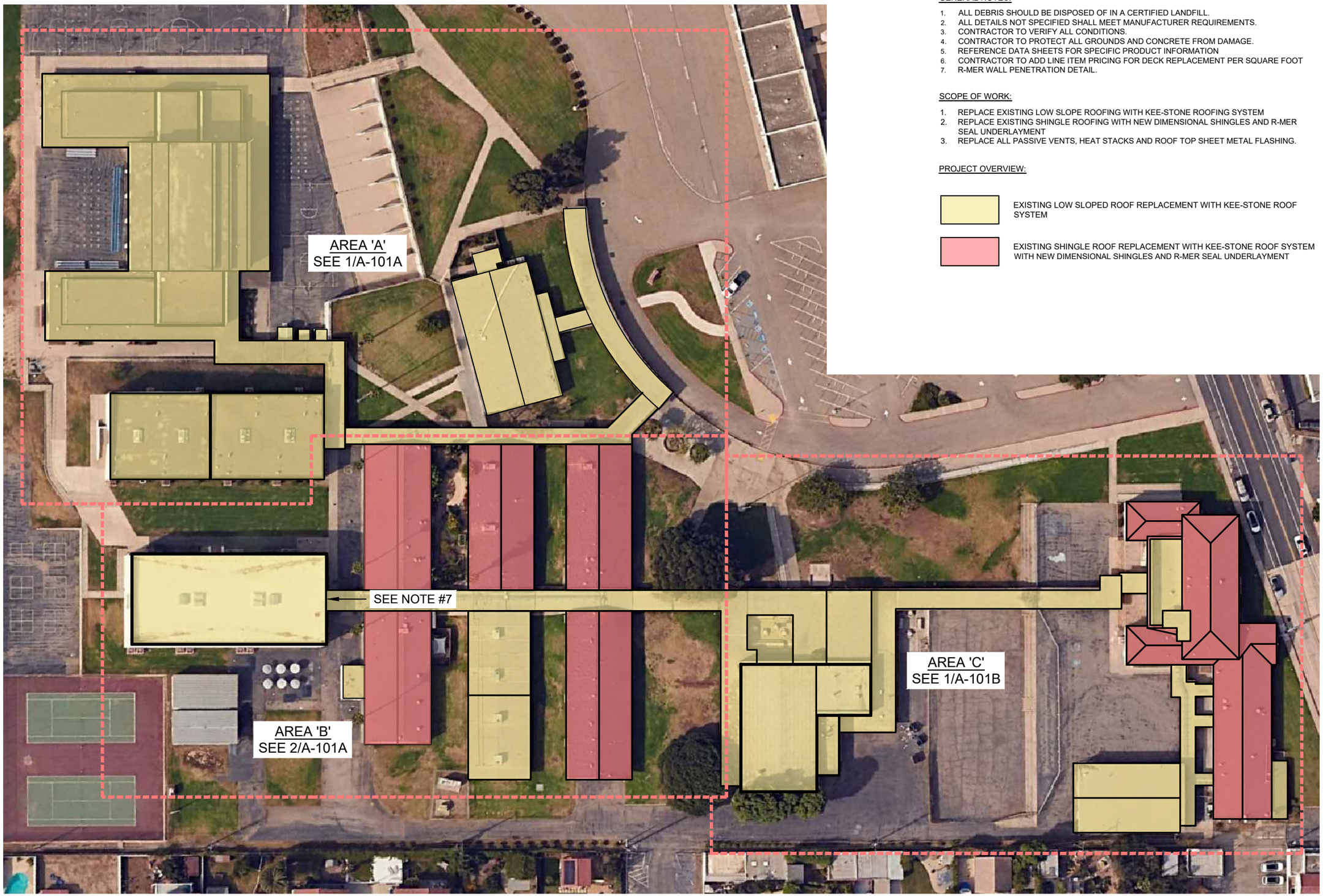
DATE: 10/16/2024

PROJ. #:

DRAWN BY:

COVERSHEET

A-001



1 A-101 ROOF PLAN
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. REFERENCE DATA SHEETS FOR SPECIFIC PRODUCT INFORMATION
6. CONTRACTOR TO ADD LINE ITEM PRICING FOR DECK REPLACEMENT PER SQUARE FOOT
7. R-MER WALL PENETRATION DETAIL.

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
3. REPLACE ALL PASSIVE VENTS, HEAT STACKS AND ROOF TOP SHEET METAL FLASHING.

PROJECT OVERVIEW:

EXISTING LOW SLOPED ROOF REPLACEMENT WITH KEE-STONE ROOF SYSTEM

EXISTING SHINGLE ROOF REPLACEMENT WITH KEE-STONE ROOF SYSTEM WITH NEW DIMENSIONAL SHINGLES AND R-MER SEAL UNDERLAYMENT

GARLAND®
since 1895

VUSD

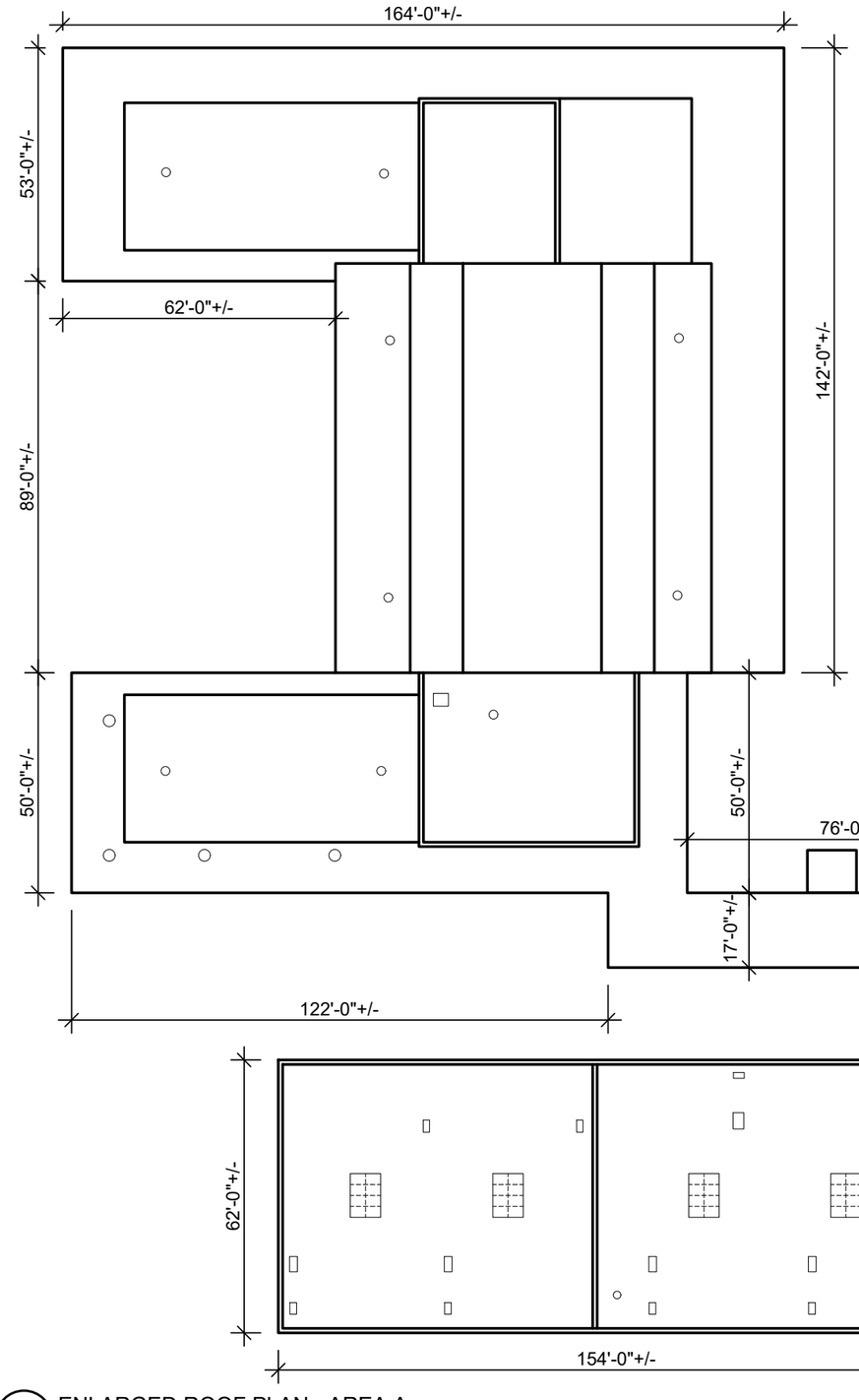
VENTURA UNIFIED SCHOOL DISTRICT

CABRILLO
MIDDLE SCHOOL
1426 E Santa Clara Street
Ventura, CA 93001

SCALE: AS NOTED
DATE: 10/16/2024
PROJ. #:
DRAWN BY:

OVERALL
CAMPUS PLAN

A-101



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

GENERAL NOTES:

1.) IT IS THE ROOFING CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH ALL DETAILS INVOLVED IN THE ROOFING CONTRACT.

2.) ALL DRAWINGS ARE GRAPHIC REPRESENTATION OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.

3.) THE ROOFING CONTRACTOR TO PROTECT ALL ADJACENT SURFACES NOT SCHEDULED FOR WORK AND TO REPAIR ANY DAMAGED AREAS AS A RESULT OF CONTRACTOR WORK AT NO ADDITIONAL COST TO THE OWNER.

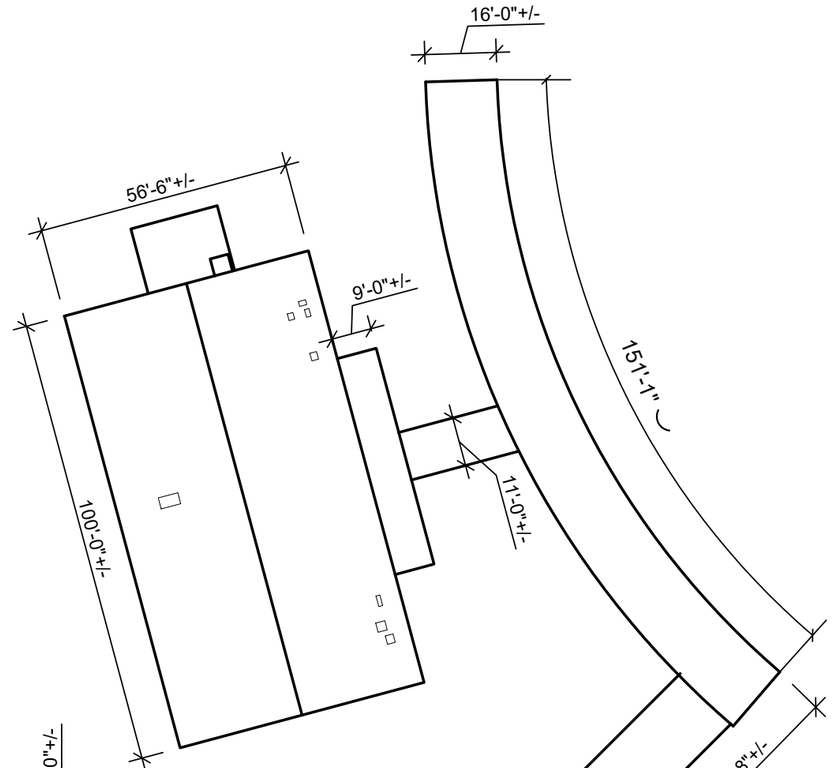
4.) THE ROOFING CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN WATER TIGHTNESS AND PROVIDE PROTECTION AT ANY/ALL OPENINGS IN THE ROOF LEFT AT THE END OF EACH CONSTRUCTION DAY.

5.) CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, CONDITIONS AND QUANTITIES.

LEGEND

SHINGLE ROOF SECTION

ROOF SECTION - N.I.C.



GARLAND®
since 1895

VUSD

VENTURA UNIFIED SCHOOL DISTRICT

CABRILLO
MIDDLE SCHOOL
1426 E Santa Clara Street
Ventura, CA 93001

SCALE: AS NOTED
DATE: 10/16/2024
PROJ. #:
DRAWN BY:

ENLARGED
ROOF PLANS

A-101A

GENERAL NOTES:

1.) IT IS THE ROOFING CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH ALL DETAILS INVOLVED IN THE ROOFING CONTRACT.

2.) ALL DRAWINGS ARE GRAPHIC REPRESENTATION OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.

3.) THE ROOFING CONTRACTOR TO PROTECT ALL ADJACENT SURFACES NOT SCHEDULED FOR WORK AND TO REPAIR ANY DAMAGED AREAS AS A RESULT OF CONTRACTOR WORK AT NO ADDITIONAL COST TO THE OWNER.

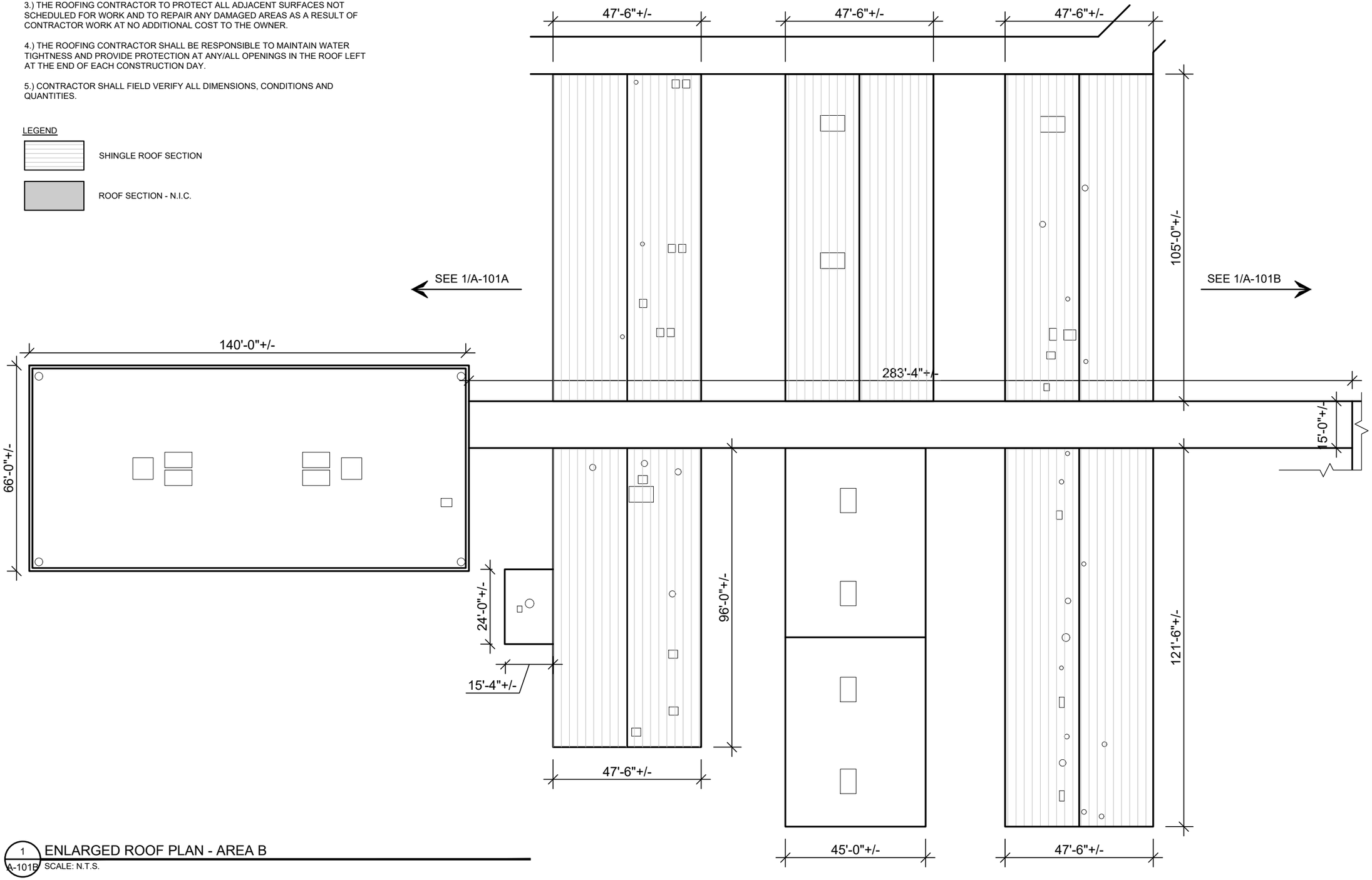
4.) THE ROOFING CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN WATER TIGHTNESS AND PROVIDE PROTECTION AT ANY/ALL OPENINGS IN THE ROOF LEFT AT THE END OF EACH CONSTRUCTION DAY.

5.) CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, CONDITIONS AND QUANTITIES.

LEGEND

SHINGLE ROOF SECTION

ROOF SECTION - N.I.C.



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

GARLAND®
since 1895

VUSD

VENTURA UNIFIED SCHOOL DISTRICT

CABRILLO
MIDDLE SCHOOL
1426 E Santa Clara Street
Ventura, CA 93001

SCALE: AS NOTED
DATE: 10/16/2024
PROJ. #:
DRAWN BY:

ENLARGED
ROOF PLANS

A-101B

GENERAL NOTES:

1.) IT IS THE ROOFING CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH ALL DETAILS INVOLVED IN THE ROOFING CONTRACT.

2.) ALL DRAWINGS ARE GRAPHIC REPRESENTATION OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.

3.) THE ROOFING CONTRACTOR TO PROTECT ALL ADJACENT SURFACES NOT SCHEDULED FOR WORK AND TO REPAIR ANY DAMAGED AREAS AS A RESULT OF CONTRACTOR WORK AT NO ADDITIONAL COST TO THE OWNER.

4.) THE ROOFING CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN WATER TIGHTNESS AND PROVIDE PROTECTION AT ANY/ALL OPENINGS IN THE ROOF LEFT AT THE END OF EACH CONSTRUCTION DAY.

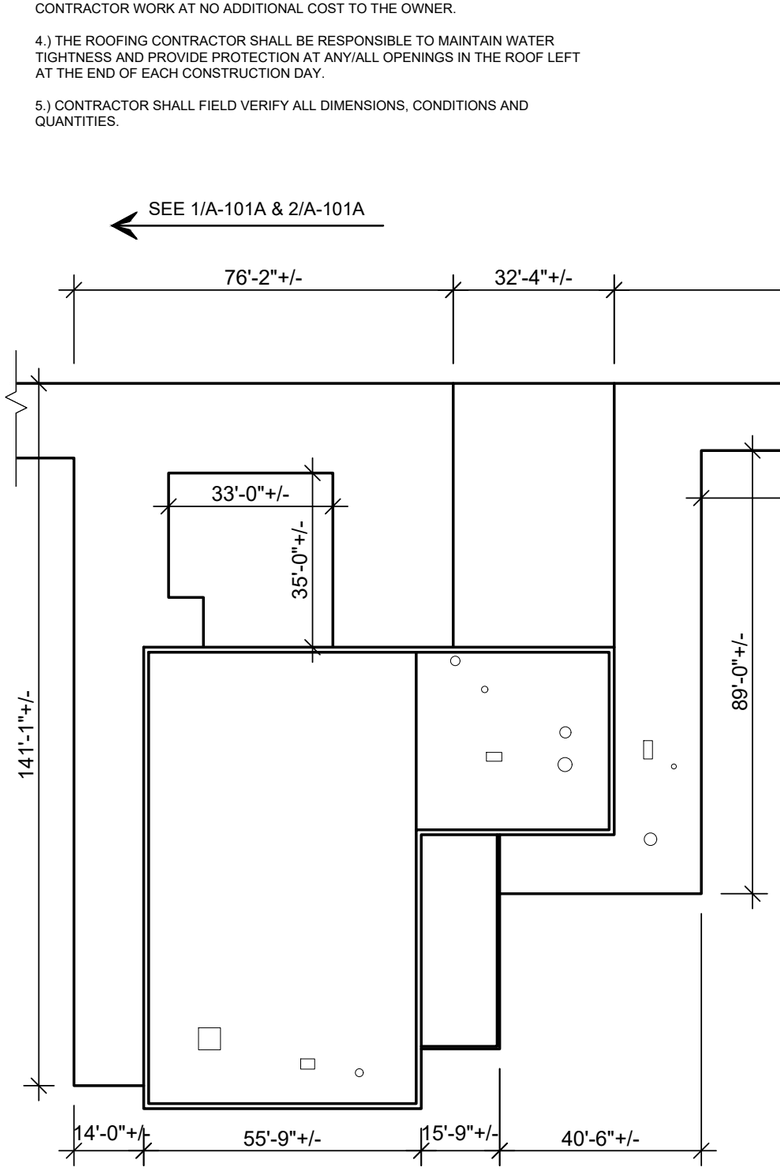
5.) CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, CONDITIONS AND QUANTITIES.

LEGEND

SHINGLE ROOF SECTION

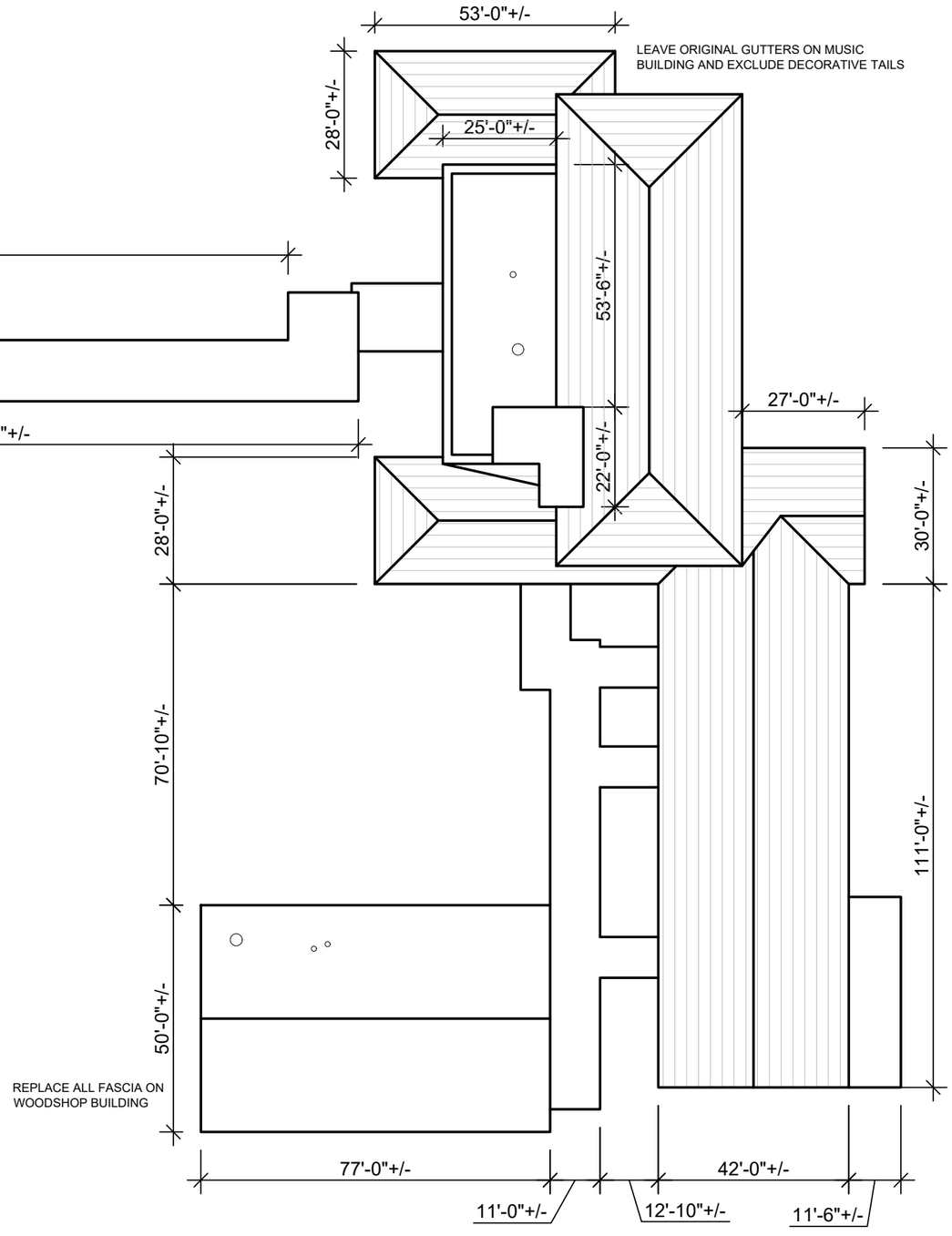
ROOF SECTION - N.I.C.

SEE 1/A-101A & 2/A-101A



1 A-101C ENLARGED ROOF PLAN - AREA C

SCALE: N.T.S.



LEAVE ORIGINAL GUTTERS ON MUSIC BUILDING AND EXCLUDE DECORATIVE TAILS

REPLACE ALL FASCIA ON WOODSHOP BUILDING

GARLAND® since 1895

VUSD

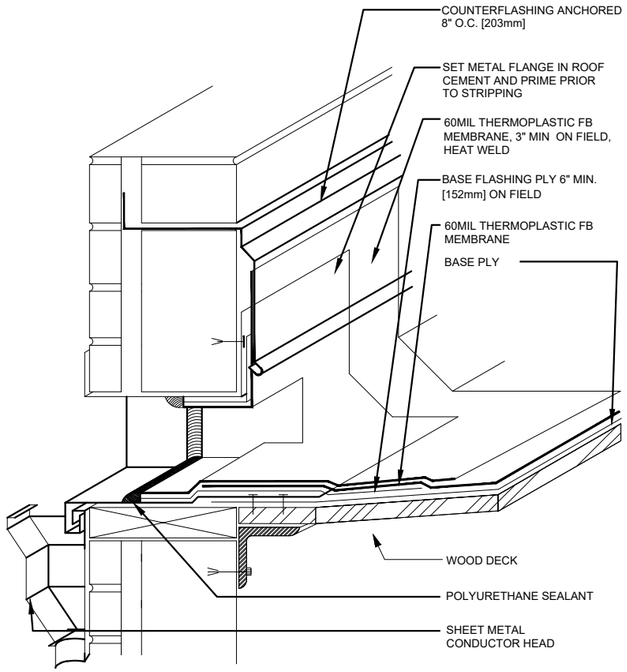
VENTURA UNIFIED SCHOOL DISTRICT

CABRILLO MIDDLE SCHOOL
1426 E Santa Clara Street
Ventura, CA 93001

SCALE: AS NOTED
DATE: 10/16/2024
PROJ. #:
DRAWN BY:

ENLARGED ROOF PLANS

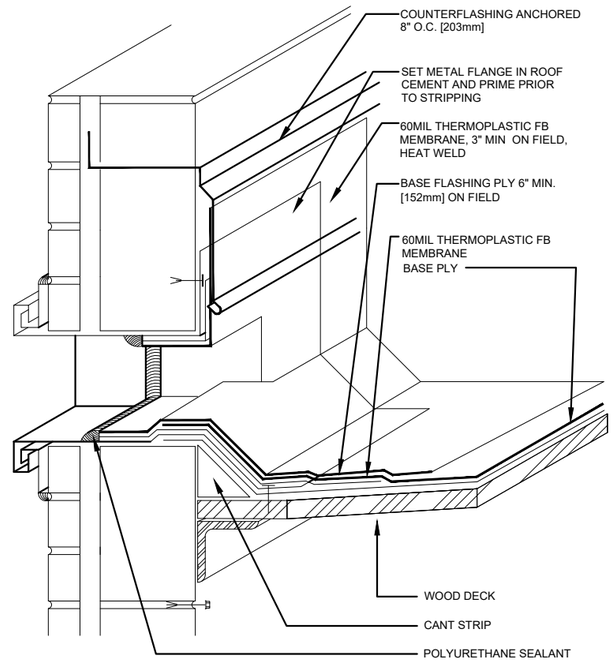
A-101C



ALL PLIES SET IN BITUMEN SEE SPECIFICATIONS FOR SURFACING

1 A-501 SCUPPER THROUGH WALL KEE DETAIL

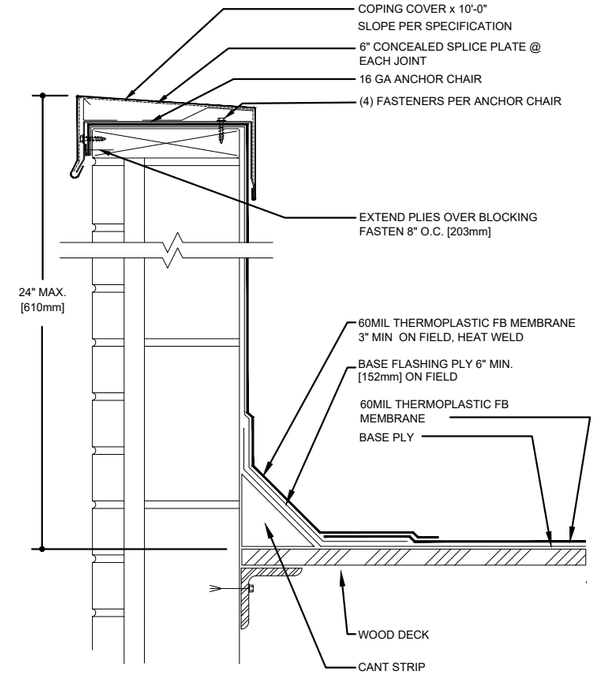
SCALE: N.T.S.



ALL PLIES SET IN BITUMEN SEE SPECIFICATIONS FOR SURFACING

2 A-501 SCUPPER THROUGH WALL OVERFLOW DETAIL

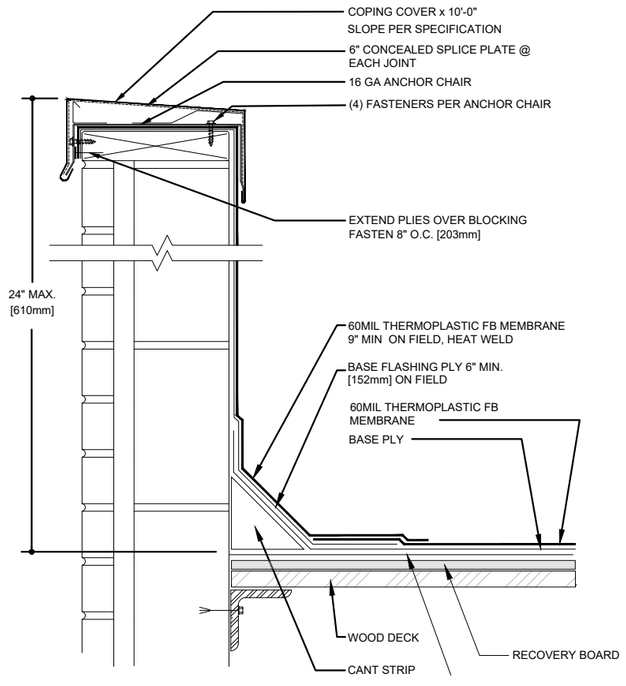
SCALE: N.T.S.



ALL PLIES SET IN BITUMEN SEE SPECIFICATIONS FOR SURFACING

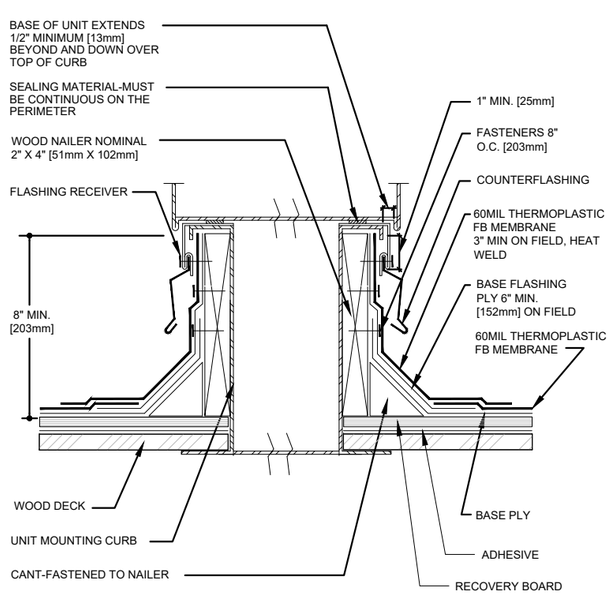
3 A-501 COPING CAP KEE DETAIL

SCALE: N.T.S.



4 A-501 COPING CAP KEE 2 DETAIL

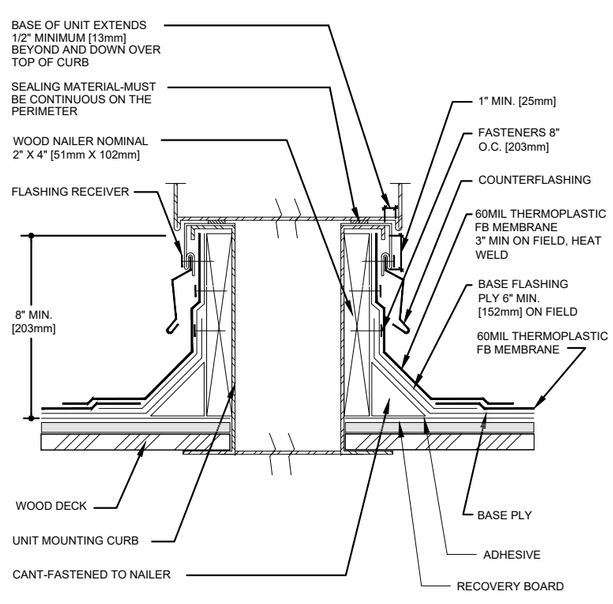
SCALE: N.T.S.



ALL PLIES SET IN BITUMEN SEE SPECIFICATIONS FOR SURFACING

5 A-501 CURB AT AIR HANDLING STAITION KEE DETAIL

SCALE: N.T.S.



ALL PLIES SET IN BITUMEN SEE SPECIFICATIONS FOR SURFACING

6 A-501 CURB AT AIR HANDLING STAITION KEE 2 DETAIL

SCALE: N.T.S.

GARLAND® since 1895

VUSD

VENTURA UNIFIED SCHOOL DISTRICT

CABRILLO MIDDLE SCHOOL
1426 E Santa Clara Street
Ventura, CA 93001

SCALE: AS NOTED
DATE: 10/16/2024
PROJ. #:
DRAWN BY:

ROOF DETAILS

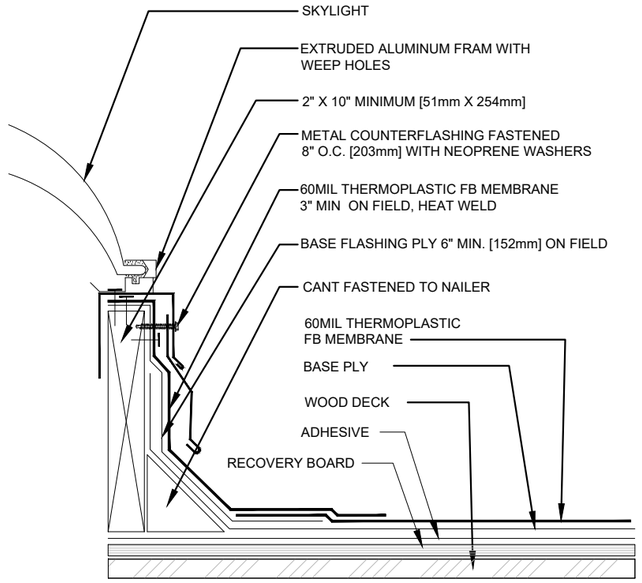
A-501

1 A-502 NOT USED

SCALE: N.T.S.

2 A-502 ROOF SKYLIGHT KEE 2 DETAIL

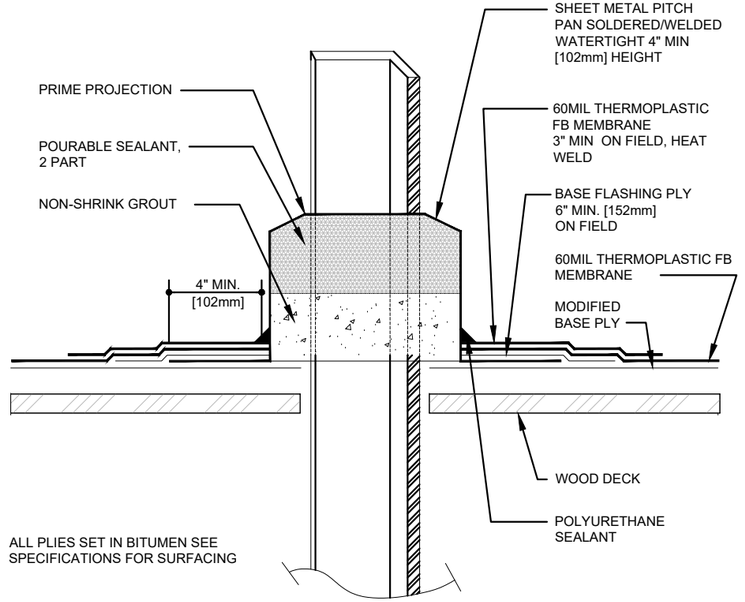
SCALE: N.T.S.



ALL PLIES SET IN BITUMEN SEE SPECIFICATIONS FOR SURFACING

3 A-502 PITCH POCKET KEE DETAIL

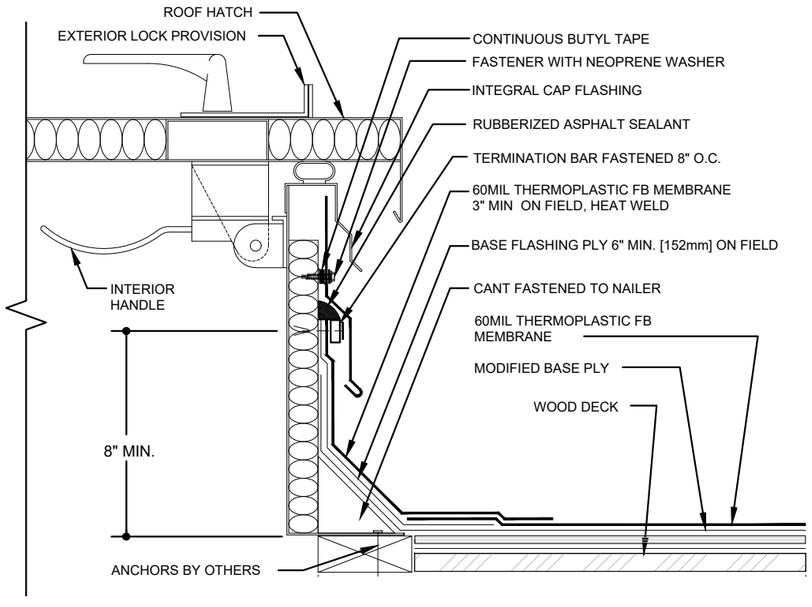
SCALE: N.T.S.



ALL PLIES SET IN BITUMEN SEE SPECIFICATIONS FOR SURFACING

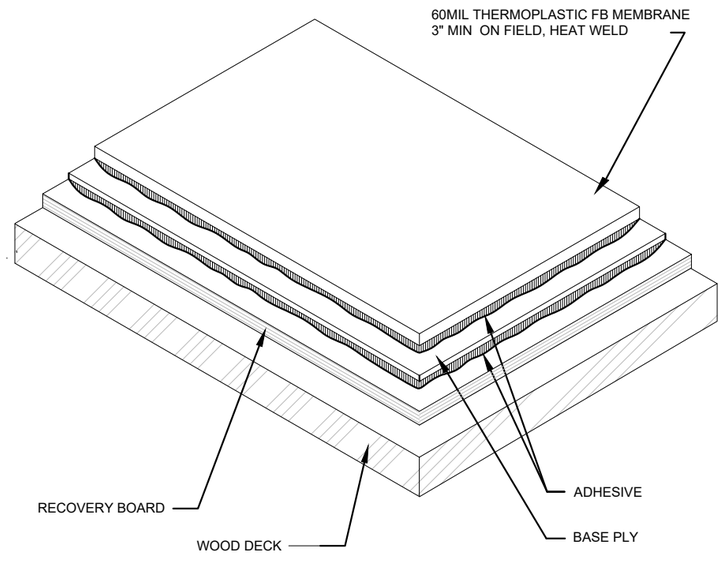
4 A-502 ROOF HATCH DETAIL

SCALE: N.T.S.



5 A-502 TYPICAL CROSS SECTION - KEE

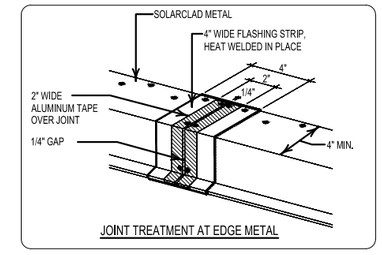
SCALE: N.T.S.

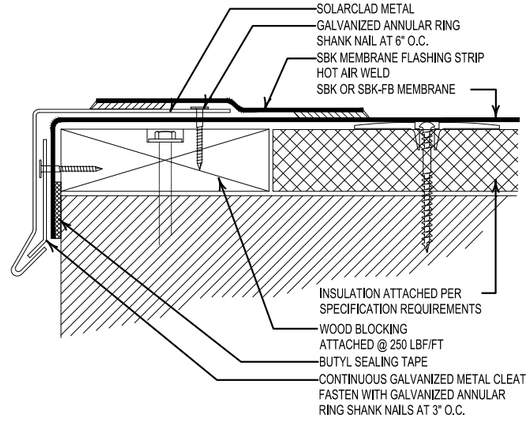


SEE SPECIFICATIONS FOR ADHESIVES

6 A-502 TYPICAL EDGE FLASHING DETAIL

SCALE: N.T.S.





GARLAND® since 1895

VUSD

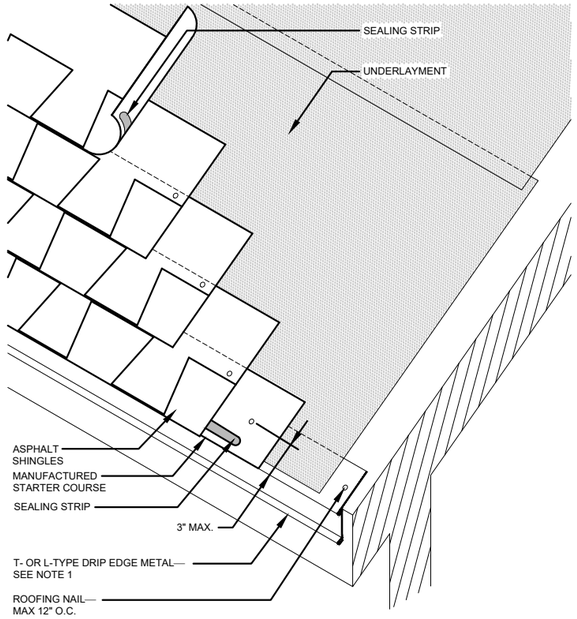
VENTURA UNIFIED SCHOOL DISTRICT

CABRILLO MIDDLE SCHOOL
1426 E Santa Clara Street
Ventura, CA 93001

SCALE: AS NOTED
DATE: 10/16/2024
PROJ. #:
DRAWN BY:

ROOF DETAILS

A-502

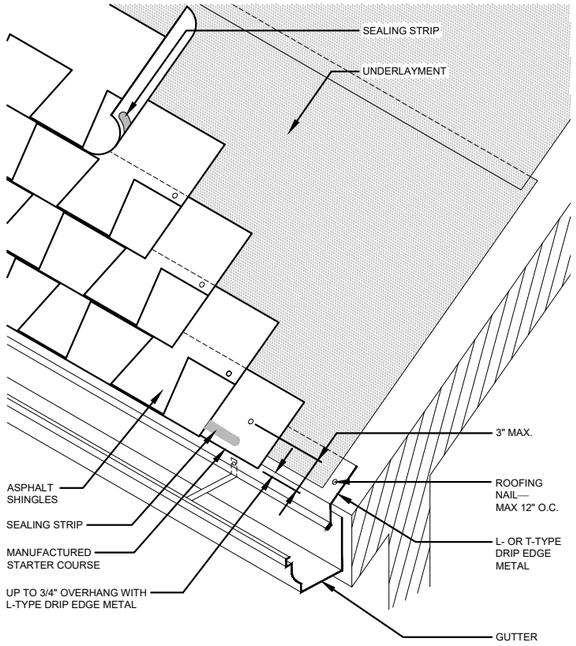


NOTES:

1. FOR L-TYPE DRIP EDGE METAL, STARTER COURSE EXTENDS UP TO 3/4" BEYOND THE PERIMETER EDGE ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
2. REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.

1 A-503 SHINGLE EAVE DETAIL

SCALE: N.T.S.

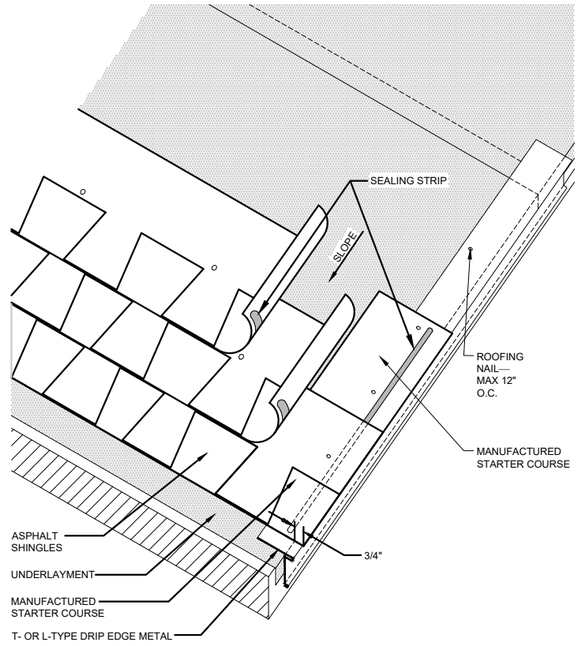


NOTES:

1. THIS DETAIL SHOWS ONE TYPE OF GUTTER SUPPORT. GUTTER SECUREMENT AND SUPPORT OPTIONS VARY.
2. REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.

2 A-503 SHINGLE EAVE WITH GUTTER DETAIL

SCALE: N.T.S.

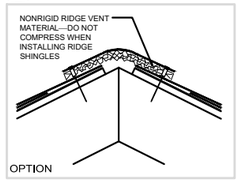


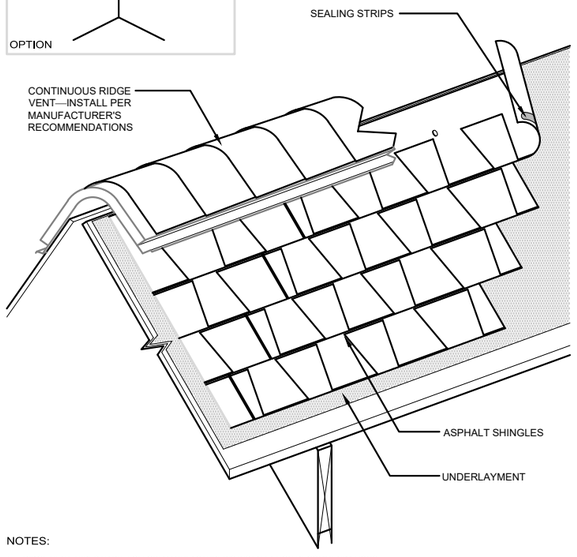
NOTE:

1. REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.

3 A-503 SHINGLE RAKE DETAIL

SCALE: N.T.S.



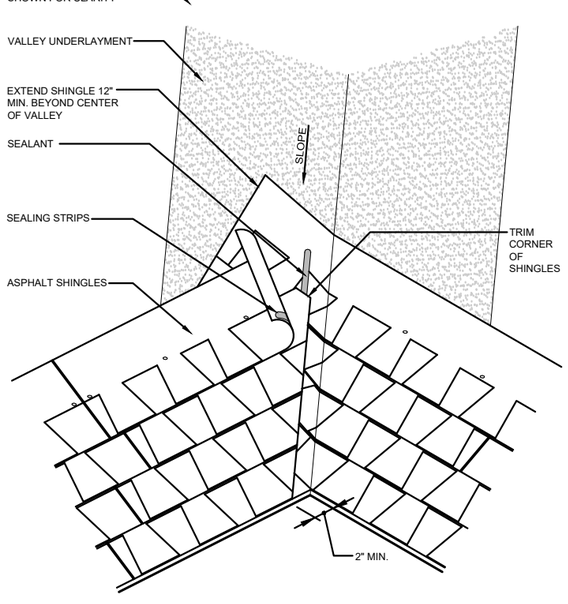


NOTES:

1. RIDGE VENT TYPES VARY. FOLLOW MANUFACTURER'S INSTALLATION RECOMMENDATIONS.
2. REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.

4 A-503 SHINGLE RAKE WITH RIDGE VENT DETAIL

SCALE: N.T.S.

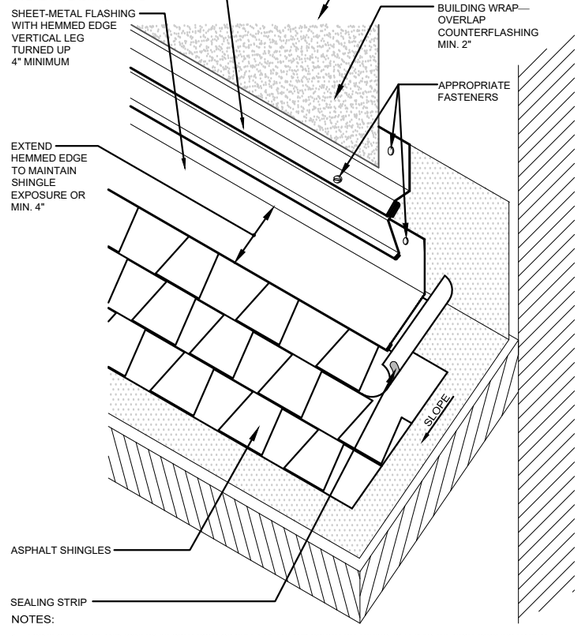


NOTES:

1. VALLEY UNDERLAYMENT TYPE MAY VARY DEPENDING ON CLIMATIC CONDITIONS.
2. NO FASTENERS WITHIN 6 INCHES OF VALLEY CENTER.
3. THE CUT SIDE OF THE VALLEY SHOULD BE ON THE SIDE WITH THE GREATEST ROOF AREA.
4. REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.

5 A-503 SHINGLE CLOSED CUT VALLEY DETAIL

SCALE: N.T.S.



NOTES:

1. FOR SECUREMENT AND JOINERY INFORMATION FOR SHEET METAL AND COUNTERFLASHING, REFER TO THE NRCA ROOFING MANUAL: ARCHITECTURAL METAL FLASHING AND CONDENSATION AND AIR LEAKAGE CONTROL.
2. REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.

6 A-503 SHINGLE HEAD WALL FLASHING DETAIL

SCALE: N.T.S.

GARLAND®
since 1895

VUSD

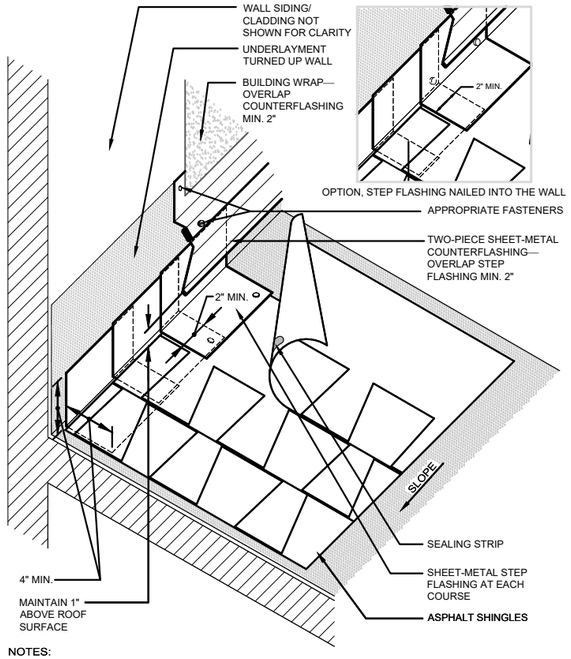
VENTURA UNIFIED SCHOOL DISTRICT

CABRILLO MIDDLE SCHOOL
1426 E Santa Clara Street
Ventura, CA 93001

SCALE: AS NOTED
DATE: 10/16/2024
PROJ. #:
DRAWN BY:

ROOF DETAILS

A-503

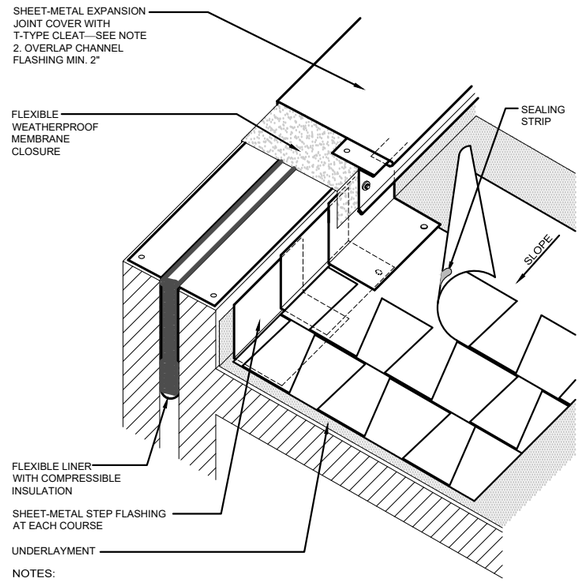


NOTES:

1. FOR SECUREMENT AND JOINERY INFORMATION FOR SHEET METAL AND COUNTERFLASHING, REFER TO THE NRCA ROOFING MANUAL: ARCHITECTURAL METAL FLASHING AND CONDENSATION AND AIR LEAKAGE CONTROL.
2. REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.

1 A-504 SHINGLE SIDE WALL 2 PIECE COUNTERFLASHING DETAIL

SCALE: N.T.S.

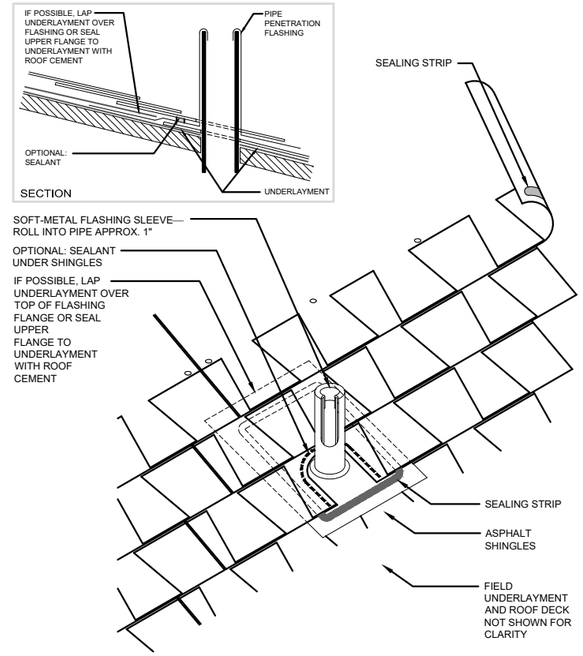


NOTES:

1. FLASHING REQUIREMENTS ARE TYPICAL FOR BOTH SIDES OF THE EXPANSION JOINT. SEE DETAIL ASPH-12 FOR ADDITIONAL INFORMATION.
2. FOR SECUREMENT AND JOINERY INFORMATION FOR SHEET METAL AND COUNTERFLASHING, REFER TO THE NRCA ROOFING MANUAL: ARCHITECTURAL METAL FLASHING AND CONDENSATION AND AIR LEAKAGE CONTROL.
3. REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.

2 A-504 SHINGLE EXPANSION JOINT DETAIL

SCALE: N.T.S.

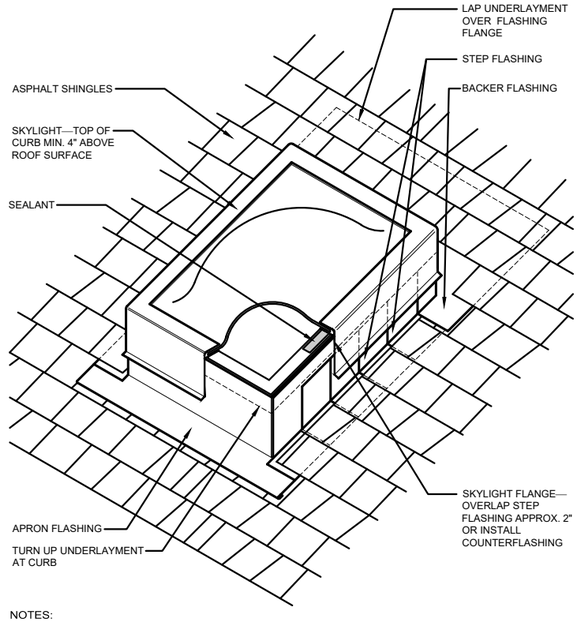


NOTE:

1. REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.

3 A-504 SHINGLE VENT PIPE PENETRATION DETAIL

SCALE: N.T.S.

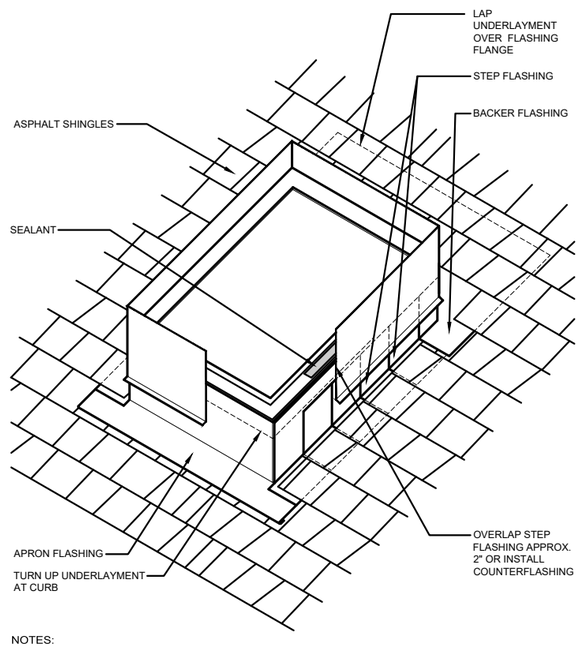


NOTES:

1. WHERE DEEMED NECESSARY, HOLD SHINGLES UP ONE COURSE DEPENDING ON ANTICIPATED DEBRIS AND/OR SNOW ACCUMULATION.
2. INSTALL CRICKET AT SKYLIGHTS WIDER THAN 24 INCHES.
3. REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.

4 A-504 SHINGLE FLASHED CURB DETAIL

SCALE: N.T.S.

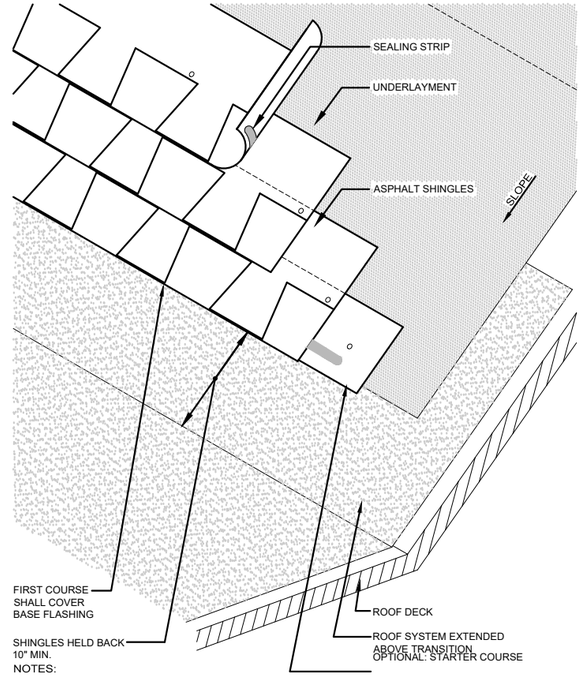


NOTES:

1. WHERE DEEMED NECESSARY, HOLD SHINGLES UP ONE COURSE DEPENDING ON ANTICIPATED DEBRIS AND/OR SNOW ACCUMULATION.
2. INSTALL CRICKET AT SKYLIGHTS WIDER THAN 24 INCHES.
3. REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.

5 A-504 SHINGLE EQUIPMENT CURB DETAIL

SCALE: N.T.S.



NOTES:

1. COMPATIBILITY OF UNDERLAYMENT AND LOW-SLOPE MEMBRANE SHOULD BE CONSIDERED.
2. REFER TO THE INTRODUCTION OF THE CONSTRUCTION DETAILS CHAPTER FOR ADDITIONAL INFORMATION.

6 A-504 SHINGLE STEEP TO LOW ROOF TRANSITION DETAIL

SCALE: N.T.S.

GARLAND®
since 1895

VUSD

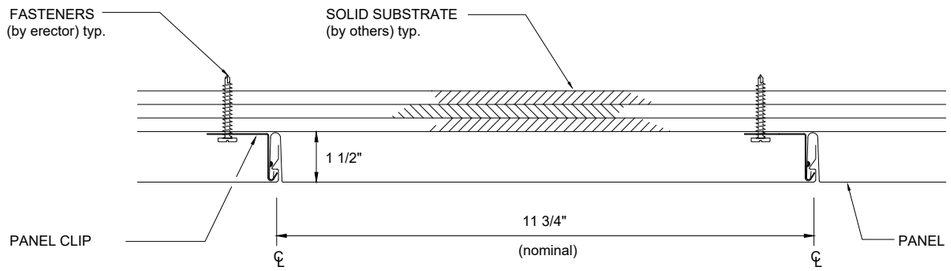
VENTURA UNIFIED SCHOOL DISTRICT

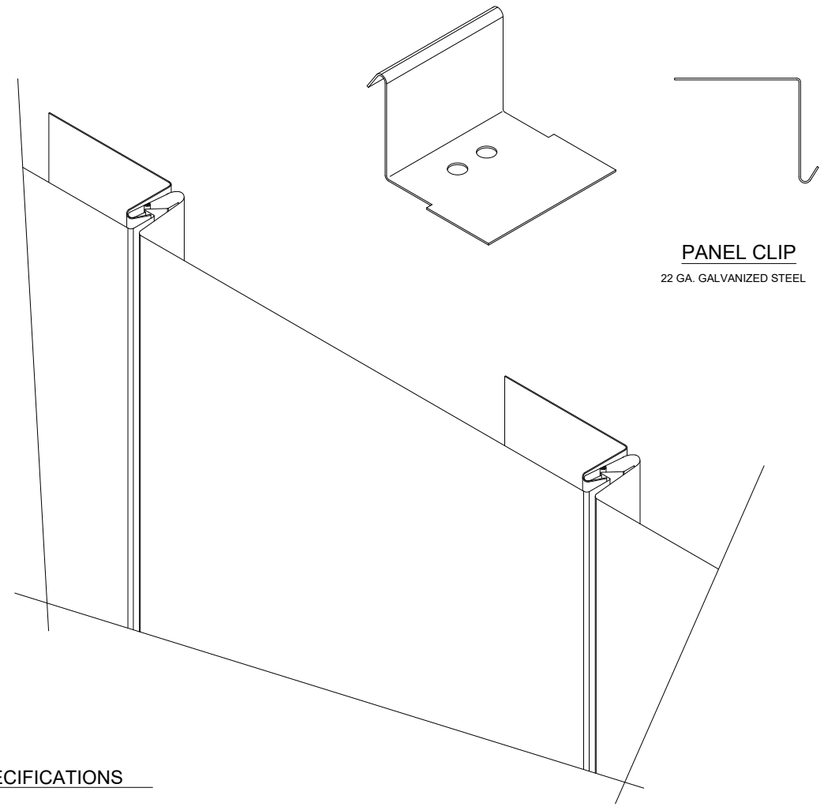
CABRILLO MIDDLE SCHOOL
1426 E Santa Clara Street
Ventura, CA 93001

SCALE: AS NOTED
DATE: 10/16/2024
PROJ. #:
DRAWN BY:

ROOF DETAILS

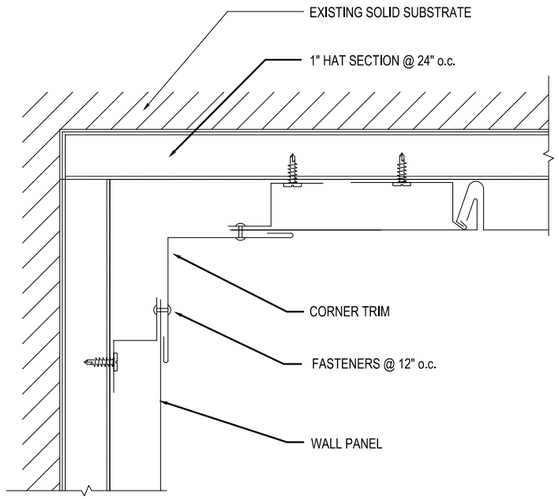
A-504

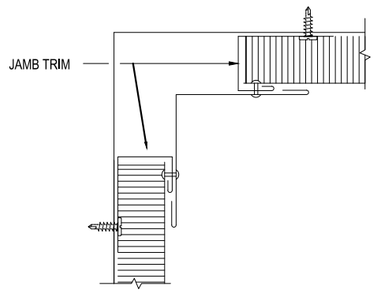




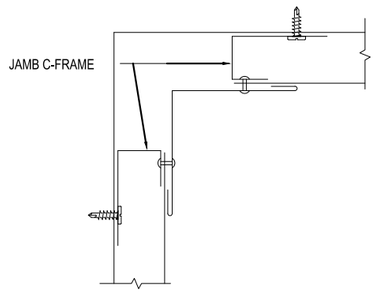
PANEL CLIP

22 GA. GALVANIZED STEEL





INSULATED PANEL DTL.



OPTIONAL #1 DTL.

GENERAL SPECIFICATIONS

FINISH:	Kynar 500 Fluoropolymer Finish
PANEL:	Panels shall be continuous roll formed.
INSTALLATION:	Panels are installed using concealed clips. Screw-type fasteners shall be by erector and shall not exceed 24" o.c.

1 A-505 R-MER WALL PANEL FLUSH PROFILE
SCALE: N.T.S.

2 A-505 R-MER WALL PANEL INSIDE CORNER
SCALE: N.T.S.

GARLAND® since 1895

VUSD

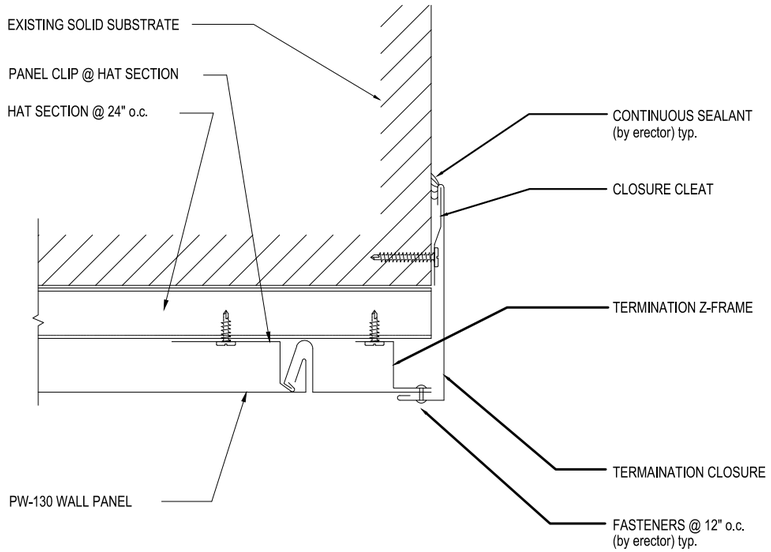
VENTURA UNIFIED SCHOOL DISTRICT

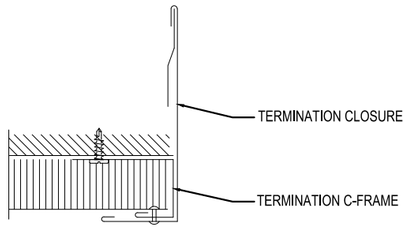
CABRILLO
MIDDLE SCHOOL
1426 E Santa Clara Street
Ventura, CA 93001

SCALE: AS NOTED
DATE: 10/16/2024
PROJ. #:
DRAWN BY:

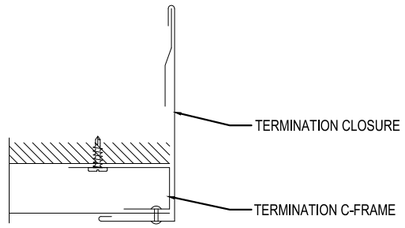
ROOF DETAILS

A-505

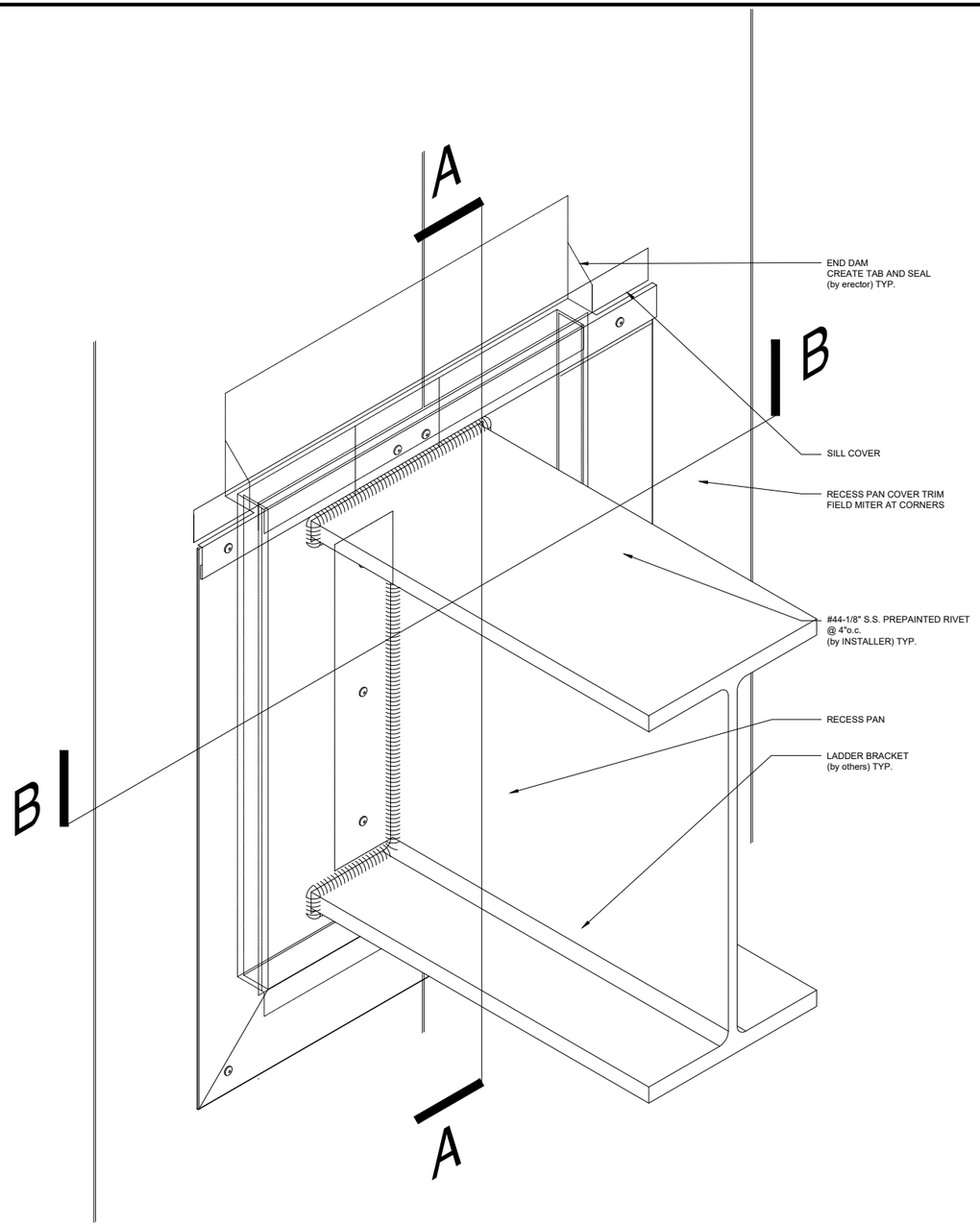




INSULATED PANEL DTL.



OPTIONAL #1 DTL.



1 A-506 R-MER WALL PANEL TERMINATION
SCALE: N.T.S.

2 A-506 R-MER WALL PANEL BEAM PENETRATION
SCALE: N.T.S.

GARLAND®
since 1895

VUSD

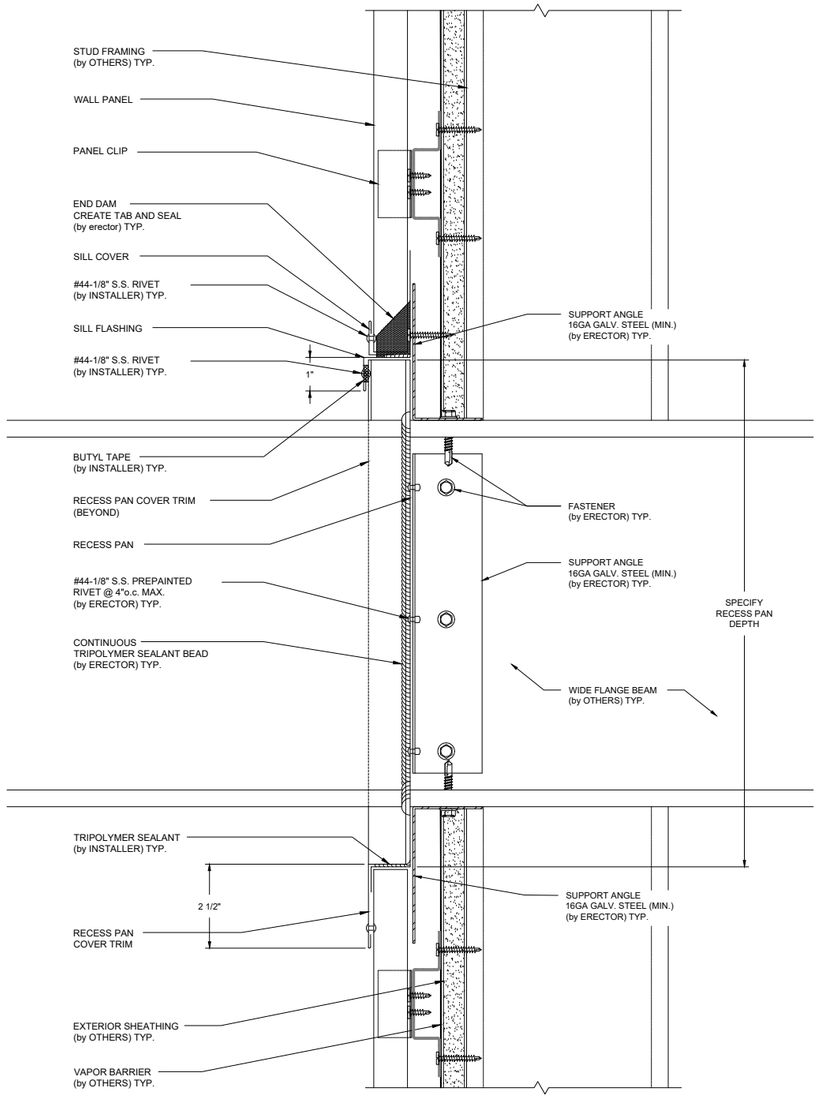
VENTURA UNIFIED SCHOOL DISTRICT

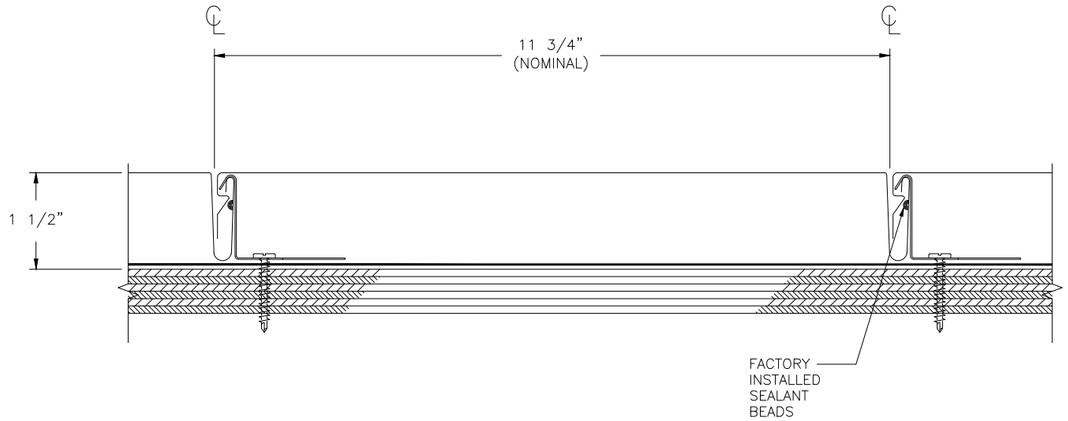
CABRILLO
MIDDLE SCHOOL
1426 E Santa Clara Street
Ventura, CA 93001

SCALE: AS NOTED
DATE: 10/16/2024
PROJ. #:
DRAWN BY:

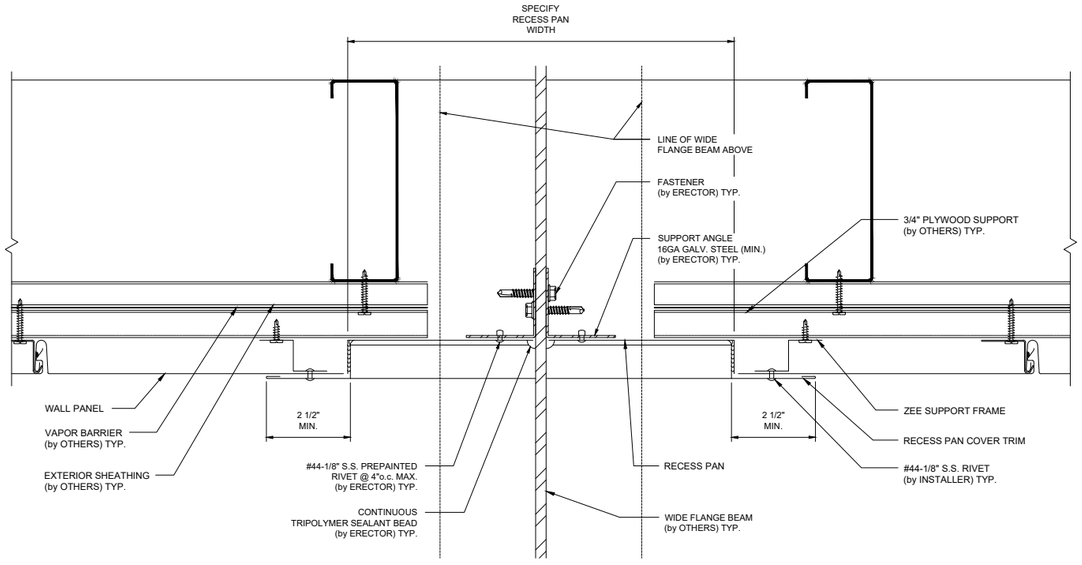
ROOF DETAILS

A-506





1 / A-507 R-MER WALL PANEL PROFILE
SCALE: N.T.S.



2 / A-507 R-MER WALL PANEL BEAM PENETRATION SECTION A-A
SCALE: N.T.S.

3 / A-507 R-MER WALL PANEL BEAM PENETRATION SECTION B-B
SCALE: N.T.S.

GARLAND®
since 1895

VUSD

VENTURA UNIFIED SCHOOL DISTRICT

CABRILLO
MIDDLE SCHOOL
1426 E Santa Clara Street
Ventura, CA 93001

SCALE: AS NOTED
DATE: 10/16/2024
PROJ. #:
DRAWN BY:

ROOF DETAILS

A-507