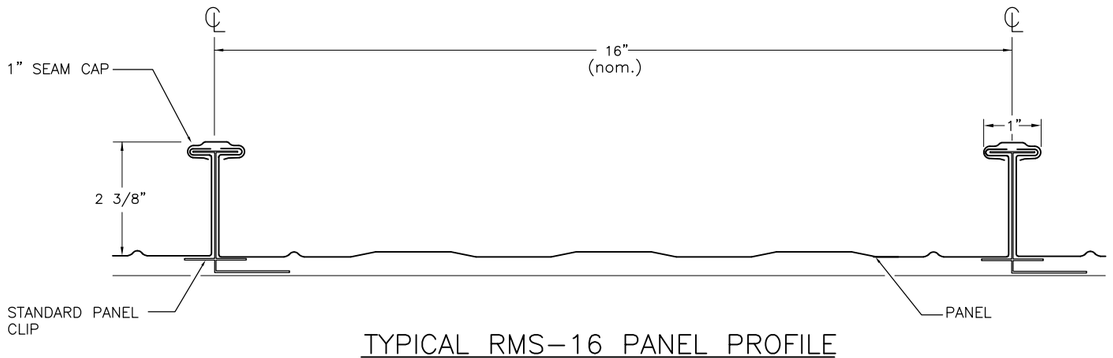
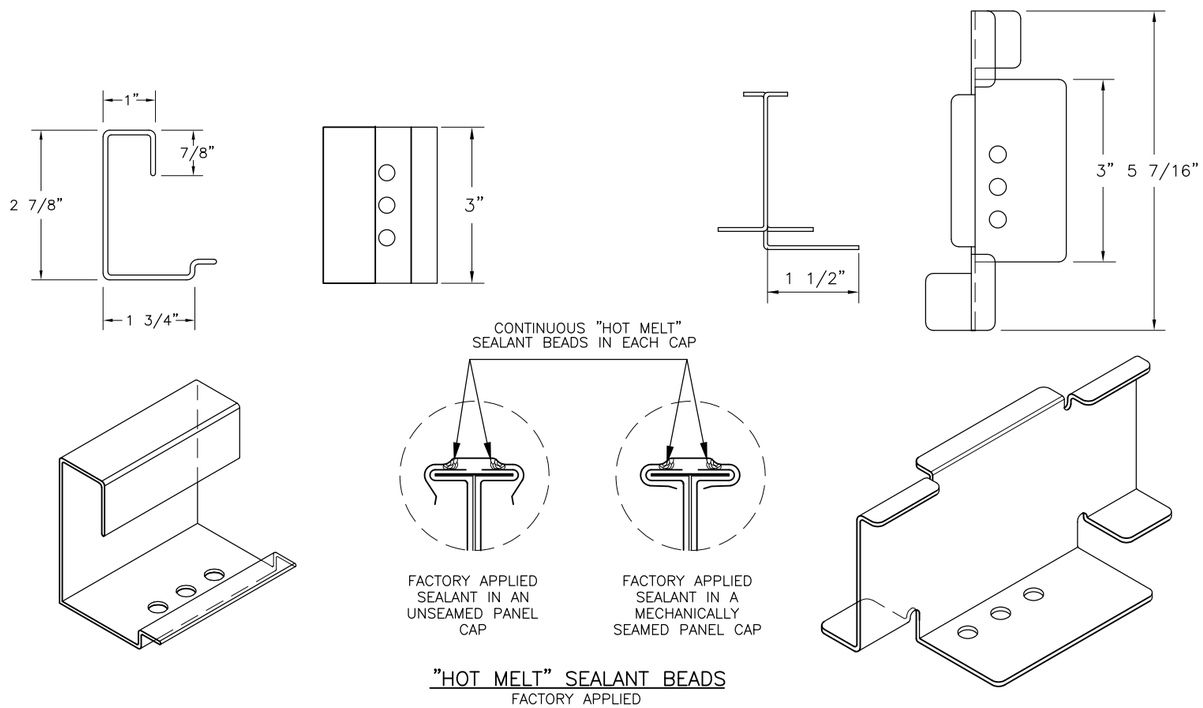
VENTURA UNIFIED SD– PORTOLA ELEMENTARY

6700 EAGLE STREET, VENTURA, CA 93003



TYPICAL RMS–16 PANEL PROFILE



"HOT MELT" SEALANT BEADS
FACTORY APPLIED

#3007SS GABLE CLIP
STAINLESS STEEL

#301016SS STD. CLIP
STAINLESS STEEL

R–MER SPAN PANEL AND ACCESSORIES

SPECIAL NOTES:

R–MER SPAN PANEL NOTES:

- FOR ADDITIONAL R–MER SPAN INSTALLATION INSTRUCTIONS, CONTACT GARLAND FOR AN INSTALLATION GUIDELINES MANUAL.
- ALL PANEL CLIPS ARE TO BE FASTENED USING (2) TWO #14–13 DP1, CONCEALOR TYPE, (2) TWO #14–14 HWH, BLAZER TYPE, 3, SELF–TAPPING FASTENERS WITH AN ULTIMATE PULLOUT VALUE OF:
  475# PER FASTENER INTO EXISTING WOOD DECK OVER ENTIRE ROOF.
  829# PER FASTENER INTO MIN. 16GA OPEN FRAMING OVER ENTIRE ROOF.
- ROOF PANELS ARE TO BE FIELD SEAMED BY ERECTOR WITH GARLAND'S ELECTRIC SEAMER. REFERENCE INSTALLATION MANUAL AND/OR OPERATING INSTRUCTIONS PROVIDED WITH SHIPMENT OF SEAMER.

UNDERLAYMENT NOTE:

1) GARLAND REQUIRES APPLYING A MINIMUM OF (1) LAYER OF R–MER SEAL OVER ENTIRE ROOF INCLUDING AROUND ALL PERIMETERS AND PENETRATIONS. INCLUDING, BUT NOT LIMITED TO: RAKE, EAVE, RIDGE, HIP, HEAD, SLOPING JAMB, AND VALLEY CONDITIONS. ALWAYS FOLLOW THE MANUFACTURER'S INSTALLATION GUIDELINES.

GENERAL NOTES:

ATTENTION: ARCHITECT, G/C, & SUB–CONTRACTOR	
THESE SHOP DRAWINGS HAVE BEEN SUBMITTED FOR ARCHITECT, GENERAL CONTRACTOR AND SUB–CONTRACTOR APPROVAL. ALL OF GARLAND'S SHOP FABRICATED MATERIAL WILL BE MANUFACTURED TO THE DIMENSIONS SHOWN UNLESS OTHERWISE NOTED. IT IS CRUCIAL THAT ANY NECESSARY CHANGES, NOTATIONS OR REQUESTED INFORMATION BE CLEARLY NOTED. *APPROVAL STAMPS/SIGNATURES ATTACHED AT RIGHT.	ARCHITECT APPROVAL G/C APPROVAL SUB–CONTRACTOR APPROVAL

IMPORTANT CUSTOMER NOTE:
PLEASE READ AND SIGN BELOW

1) ALL OF GARLAND'S SHOP FABRICATED MATERIAL WILL BE MANUFACTURED TO THE DIMENSIONS SHOWN UNLESS OTHERWISE NOTED.
2) IT IS CRUCIAL THAT ANY NECESSARY CHANGES, NOTATIONS OR REQUESTED INFORMATION BE CLEARLY NOTED ON THE SHOP DRAWINGS AND RETURNED TO GARLAND FOR REVIEW.
3) EACH DIMENSION MARKED WITH AN (*) MUST BE APPROVED FOR FABRICATION BY INDICATING THE RESPONSE **"OK"** OR "✓", OR BY NOTING THE CORRECT DIMENSION.
4) WHERE GARLAND SPECIFICALLY REQUESTS TO **"FIELD VERIFY"** OR **"SPECIFY"** A DIMENSION, THE PROPER CUSTOMER RESPONSE WILL BE TO:
   A) MARK WITH EITHER **"OK"** OR "✓" IF THE DIMENSION IS CORRECT. OR
   B) NOTE THE CORRECT DIMENSION.
   IT IS IMPERATIVE THAT FIELD DIMENSIONS ARE TAKEN TO INSURE ACCURATE FABRICATION AND PROPER MATERIAL FIT.
5) NO MATERIAL WILL BE CONSIDERED RELEASED FOR FABRICATION UNTIL ALL PERTINENT INFORMATION (i.e., COLOR, DIMENSIONS, MATERIAL CONFIGURATION) HAS BEEN RECEIVED BY GARLAND.
6) GARLAND MUST HAVE 'APPROVED' SHOP DRAWINGS WITH AUTHORIZATION TO RELEASE THE MATERIAL FOR FABRICATION AS INDICATED BY A CUSTOMER AUTHORIZATION SIGNATURE.

CUSTOMER AUTHORIZATION SIGNATURE: _____ (sign here)

7) INDICATE THE DATE MATERIALS WILL BE REQUIRED AT THE PROJECT LOCATION: _____ (date here)

STORAGE NOTE:
ALWAYS STORE ALL COMPONENTS IN A CLEAN, DRY STORAGE AREA. PREVENT CONTACT WITH CORROSIVE OR STAINING MATERIALS.

MATERIAL NOTE:
SOME OIL CANNING OF PANELS IS COMMON IN THE INDUSTRY AND IS NOT CONSIDERED CAUSE FOR PRODUCT REJECTION.

SEALANT NOTE:
USE A CONTINUOUS BEAD OF NON–HARDENING, HIGH QUALITY SEALANT COMPATIBLE WITH KYNAR AND POLYESTER FINISHES. FOR FORMED COPING, EXTENDERS, FASCIA AND WALL CAPS, APPLY SEALANT BEAD TO THE CONCEALED PORTION OF THE SPLICE PLATE. (SEALANT BY ERECTOR)

ERECTOR NOTE:

- STEEL PANELS: SAW OR TORCH CUTS ARE NOT ALLOWED. ONLY SHEARING ACTION MAY BE USED, AS ACHIEVED WITH HAND SNIPS/SHEARS OR ELECTRIC SHEARS
- ALUMINUM PANELS: TORCH CUTS ARE NOT ALLOWED. SHEARING ACTION RECOMMENDED TO CUT ALUMINUM. SAW CUTS PERMITTED, HOWEVER, CARE MUST BE TAKEN TO PREVENT BURNING PAINT FINISH, EDGE BURS AND SAW DEBRIS BEING DEPOSITED ON FINISHED PRODUCT.
- ALL PANELS, BATTENS AND SEAMS TO HAVE FIELD BENT TRANSITIONS. (EXAMPLE: CHANGE OF PLANE)
- ALL RELATED PANEL TRIM TO HAVE FIELD TRANSITIONS AND FIELD FABRICATED MITERS.
  (EXAMPLE: TRANSITION BETWEEN RIDGE TO RAKE TRIM OR RAKE TO VERTICAL CORNER TRIM)
  (EXAMPLE: MITERS – 90° CORNERS FOR SILL TRIM)
- ALL CONTINUOUS LENGTHS OF PANEL TRIM TO BE NOTCHED, LAPPED AND SEALED 3" MINIMUM AT LAP SPLICES. (TYPICAL)
- PANEL TRIM'S THERMAL MOVEMENT OCCURS AT LAP SPLICES DO NOT ANCHOR TRIM AT LAP SPLICES. (TYPICAL)

FINISH SPECIFICATIONS:

ROOF PANEL: R–MER SPAN

MATERIAL: 0.040" ALUMINUM

FINISH: FLUOROCARBON–70% RESIN (Kynar 500)

COLOR: STANDARD "TBD"

FOR REVIEW

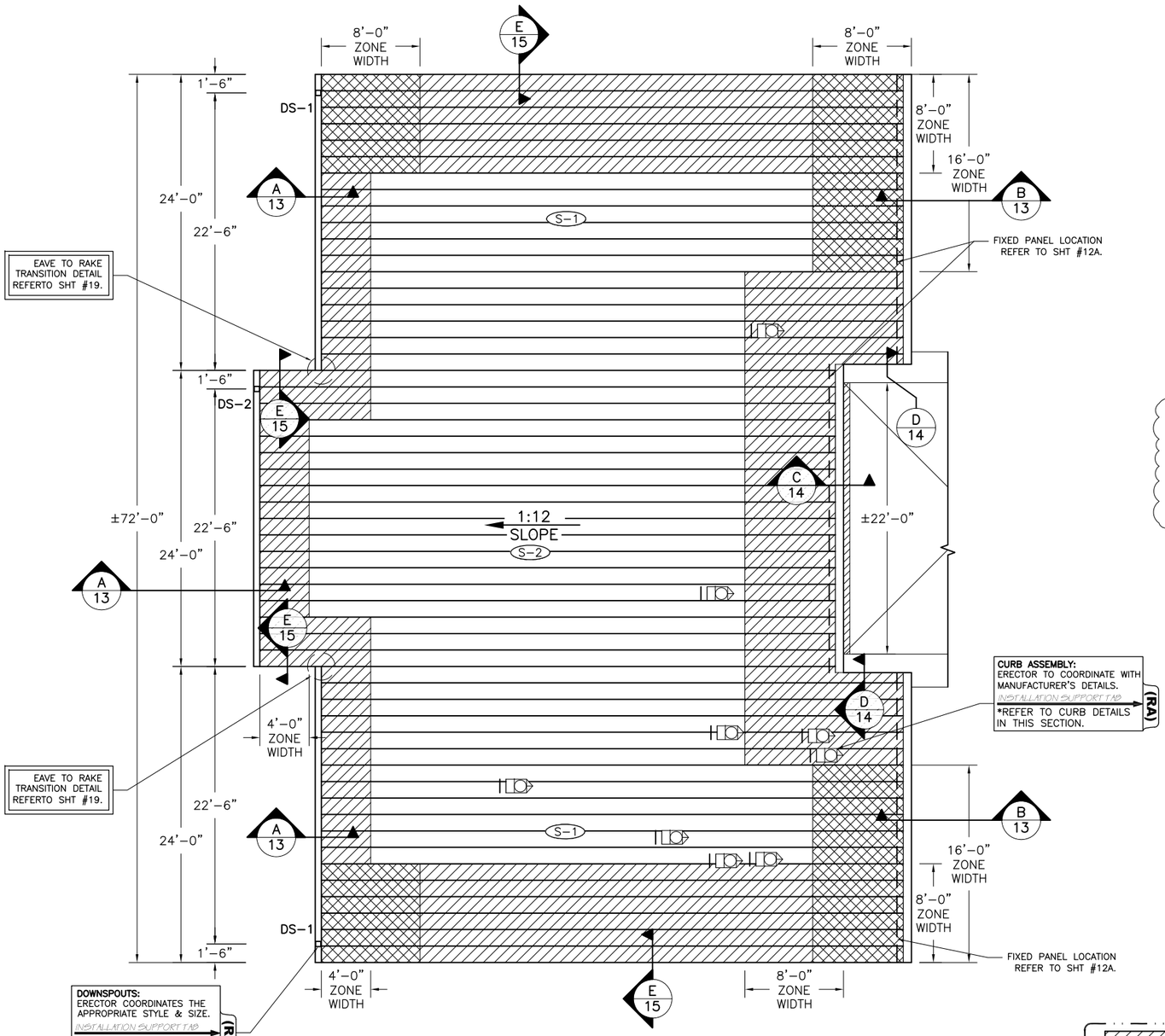
VENTURA UNIFIED SD– PORTOLA ELEMENTARY
6700 EAGLE STREET, VENTURA, CA 93003

ARCHITECT: NA | DWG BY: MEC | CHK BY: MB
DATE: 09/23/24 | PM: AMANDA TANT

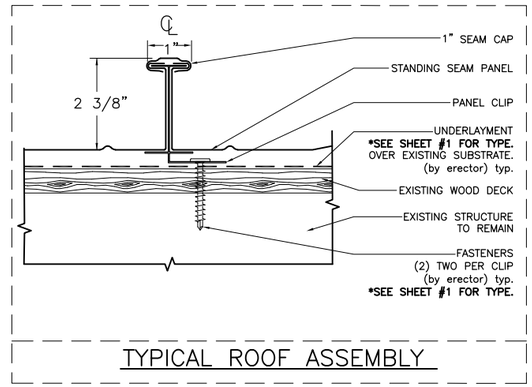
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2	11/04/24	
1	--/--/--	
1	--/--/--	AGENT: JASON MORONNOLTE

THE GARLAND COMPANY, INC.
3800 EAST 91st STREET – CLEVELAND, OHIO 44105–2197
PHONE (800) 321–9336 / FAX (216) 641–0633

JOB NUMBER: 39779
SHEET: 1 OF 38

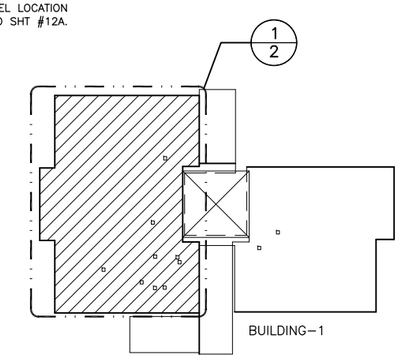


1/2 ROOF PLAN – BUILDING 1
ARCH. REF. : NA



TYPICAL ROOF ASSEMBLY

NOTE:
ALL DOWNSPOUT LOCATION MUST BE FIELD VERIFIED.



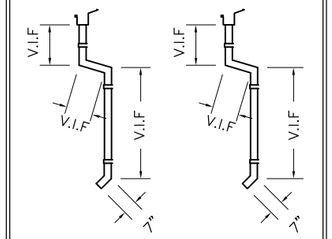
KEY PLAN

TRIM LAP DETAILS:
ERECTOR TO COORDINATE WITH MANUFACTURER'S DETAILS.
INSTALLATION SUPPORT TAB
*REFER TO TRIM LAP DETAILS IN THIS SECTION.
(RA)

SMACNA GUIDELINES:
GARLAND RECOMMENDS FOLLOWING SMACNA GUIDELINES FOR THE SIZING AND LOCATION OF GUTTERS, DOWNSPOUTS, AND EXPANSION JOINTS.

ERECTOR NOTE:
ALL MATERIAL SUPPLIED IS 0.040" ALUMINUM.
ALL TRIM COMPONENTS ARE TO BE FABRICATED BY THE ERECTOR FROM FLAT SHEET SUPPLIED.

DOWNSPOUT PROFILES:
*REFER TO **SECTION (RA)** FOR DOWNSPOUT & STRAP DATA.



PROFILE DS–1
NUMBER OF CONDITIONS:02

PROFILE DS–2
NUMBER OF CONDITIONS:01

SUBSTRATE LENGTH SCHEDULE:

PROVIDED BELOW ARE **ESTIMATED SUBSTRATE LENGTHS (NOT PANEL LENGTHS).** AS PROVIDED TO GARLAND OR AS SCALED BY GARLAND FROM CONSTRUCTION DRAWINGS.

- THESE SUBSTRATE LENGTHS ARE PROVIDED FOR REVIEW AND **MUST** BE **FIELD VERIFIED**.
- ERECTOR MUST THEN REFERENCE THE APPROPRIATE DETAILS WITHIN THE SHOP DRAWINGS TO CALCULATE THE CORRECT ROOF PANEL LENGTHS REQUIRED. YOU MAY NOTE THESE CALCULATED PANEL LENGTHS IN THE SPACES PROVIDED BELOW.
- ERECTOR TO COORDINATE JOB SITE CONDITIONS WITH SHOP DRAWING DETAILS TO DETERMINE REQUIRED PANEL QUANTITIES AND LENGTHS. THIS ITEMIZED CUT IS TO BE FORWARDED TO GARLAND FOR MATERIAL RELEASE AND PRODUCTION.

DO NOT USE THE SUBSTRATE LENGTHS AS THE PANEL LENGTHS!

SUBSTRATE DESIGNATION:	SUBSTRATE LENGTH:	CALCULATE:	REQUIRED PANEL LENGTHS:
S–1	±48'–0"	**NOTE:** Use the shop drawing details to adjust the substrate length dimension to the panel length required.	=
S–2	±47'–6"		=
	----		=
	----		=
	----		=
	----		=
	----		=
	----		=

IMPORTANT READ:
THE ERECTOR HAS THE SOLE RESPONSIBILITY TO COORDINATE THE SHOP DRAWINGS WITH THE ACTUAL JOB SITE CONDITIONS TO DETERMINE AN ACCURATE AND ITEMIZED MATERIAL 'CUT LIST'. THIS IS CRUCIAL FOR MATERIAL RELEASE AND PANEL PRODUCTION.

PANEL CLIP SPACING

PROVIDED BELOW ARE THE **MAXIMUM** ALLOWABLE ROOF PANEL CLIP SPACINGS.

ROOF PANEL CLIPS MAY BE INSTALLED CLOSER TOGETHER THAN THE ALLOWABLE O.C. MAXIMUMS IF JOB–SITE CONDITIONS REQUIRE. HOWEVER, PANEL CLIPS MUST **'NOT'** EXCEED THE MANUFACTURER'S PROVIDED O.C. MAXIMUMS.

ASCE 7–16 COMPONENTS and CLADDING – METHOD 2

BASIC WIND SPEED: 104 MPH WIND IMPORTANCE FACTOR (I): IV(1.15)
WIND EXPOSURE: C INTERNAL PRESSURE COEFFICIENT: ±0.18 or ±0.55

ZONE DESIGNATION:	ZONE TYPE:	DESCRIPTION:	ROOF PRESSURES:	CLIP SPACING:
	ZONE 1	(Field of Roof)	27.0 PSF	3'–6" o.c. MAX.
	ZONE 2	(Perimeters)	34.2 PSF	2'–9" o.c. MAX.
	ZONE 3	(Corners)	45.0 PSF	2'–1" o.c. MAX.

FIXED PANEL CLIP LOCATIONS:

LINE TYPE:	DESCRIPTION:	EXPLANATION:
— — —	PANEL FIXED LOCATION	DESIGNATES A ROW OF **'FIXED'** PANEL CLIPS.

ALL ROOF DIMENSIONS MUST BE FIELD VERIFIED

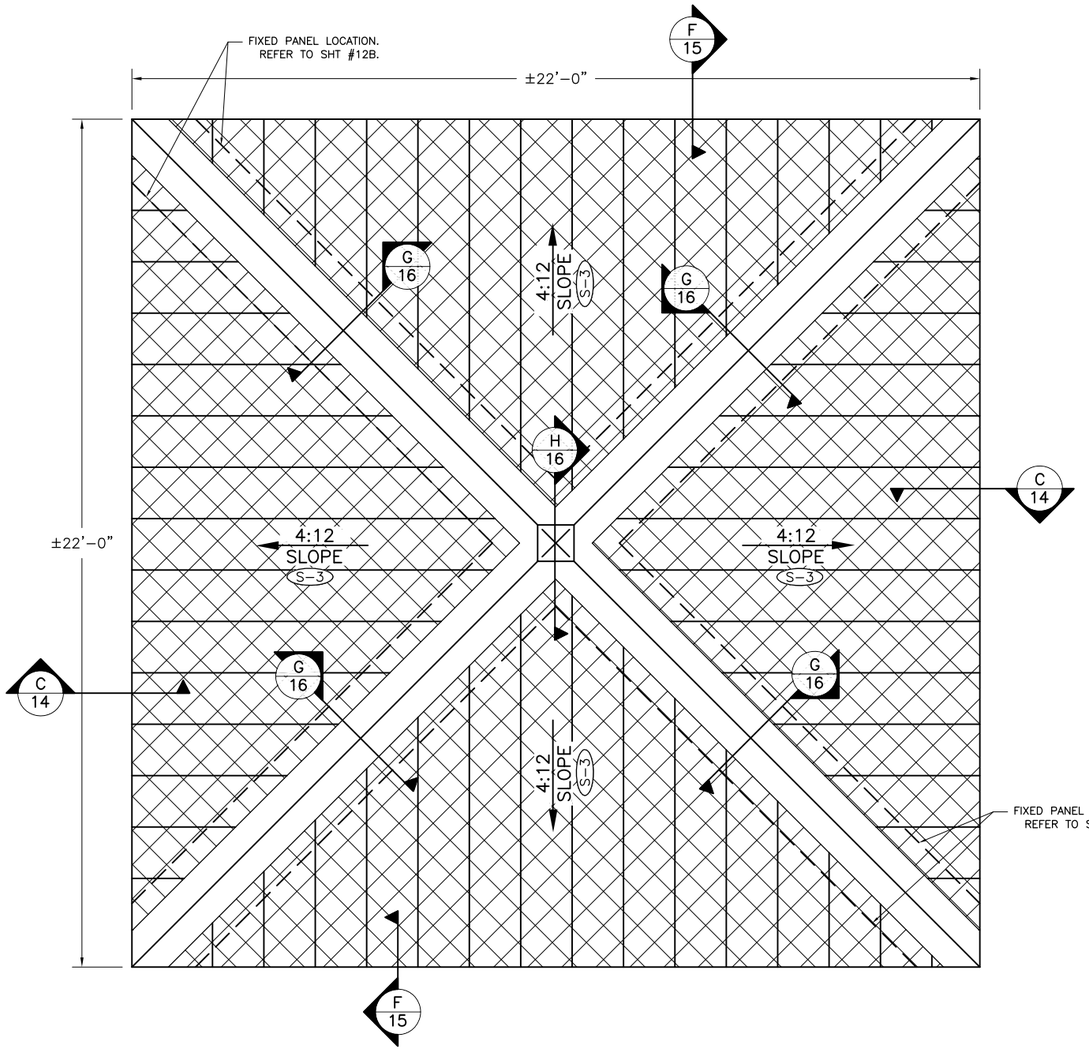
FOR REVIEW

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6700 EAGLE STREET, VENTURA, CA 93003

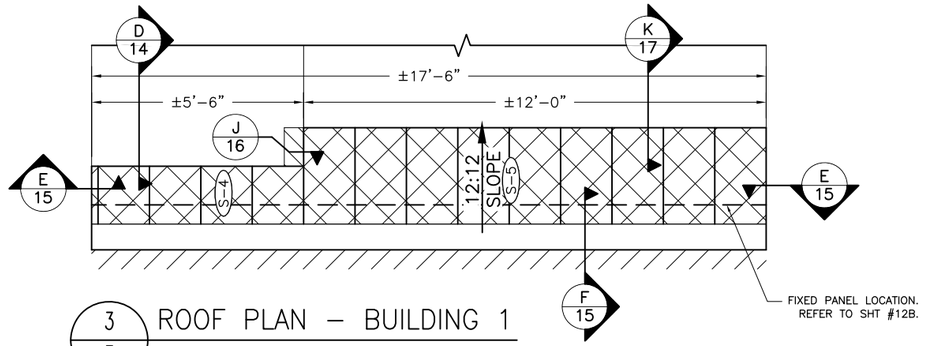
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DATE: 09/23/24 | PM: AMANDA TANT

REV: 1 DATE: 10/02/24 CUSTOMER: NA
REV: 2 DATE: 11/04/24 AGENT: JASON MORONNOLTE
REV: 1 DATE: --/--/-- JOB NUMBER: 39779
REV: 1 DATE: --/--/-- SHEET: 2 OF 38

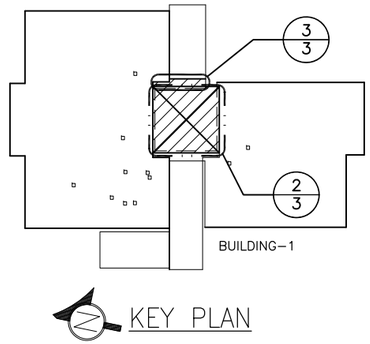
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3800 EAST 91st STREET – CLEVELAND, OHIO 44105–2197
PHONE (800) 321–9336 / FAX (216) 641–0633



2/3 ROOF PLAN – BUILDING 1
ARCH. REF. : NA



3/3 ROOF PLAN – BUILDING 1
ARCH. REF. : NA



KEY PLAN

TRIM LAP DETAILS:
ERECTOR TO COORDINATE WITH MANUFACTURER'S DETAILS.
INSTALLATION SUPPORT TAB
•REFER TO TRIM LAP DETAILS IN THIS SECTION. (RA)

SMACNA GUIDELINES:
GARLAND RECOMMENDS FOLLOWING SMACNA GUIDELINES FOR THE SIZING AND LOCATION OF GUTTERS, DOWNSPOUTS, AND EXPANSION JOINTS.

ERECTOR NOTE:
ALL MATERIAL SUPPLIED IS 0.040" ALUMINUM. ALL TRIM COMPONENTS ARE TO BE FABRICATED BY THE ERECTOR FROM FLAT SHEET SUPPLIED.

SUBSTRATE LENGTH SCHEDULE:

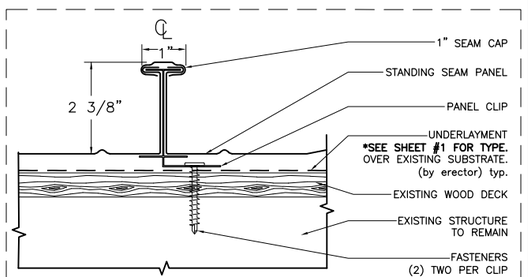
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DO NOT USE THE SUBSTRATE LENGTHS AS THE PANEL LENGTHS!

SUBSTRATE DESIGNATION:	SUBSTRATE LENGTH:	CALCULATE:	REQUIRED PANEL LENGTHS:
S–3	±11'–8"	NOTE: Use the shop drawing details to adjust the substrate length dimension to the panel length required.	=
S–4	±3'–0"		=
S–5	±4'–5"		=
– – –	– – – –		=
– – –	– – – –		=
– – –	– – – –		=
– – –	– – – –		=
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IMPORTANT READ:
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TYPICAL ROOF ASSEMBLY

PANEL CLIP SPACING

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ROOF PANEL CLIPS MAY BE INSTALLED CLOSER TOGETHER THAN THE ALLOWABLE O.C. MAXIMUMS IF JOB–SITE CONDITIONS REQUIRE. HOWEVER, PANEL CLIPS MUST **'NOT'** EXCEED THE MANUFACTURER'S PROVIDED O.C. MAXIMUMS.

ASCE 7–16 COMPONENTS and CLADDING – METHOD 2

BASIC WIND SPEED: 104 MPH WIND IMPORTANCE FACTOR (I): IV(1.15)
WIND EXPOSURE: C INTERNAL PRESSURE COEFFICIENT: ±0.18 or ±0.55

ZONE DESIGNATION:	ZONE TYPE:	DESCRIPTION:	ROOF PRESSURES:	CLIP SPACING:
	ZONE 1	(Field of Roof)	27.0 PSF	3'–6" o.c. MAX.
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	ZONE 3	(Corners)	45.0 PSF	2'–1" o.c. MAX.

FIXED PANEL CLIP LOCATIONS:

LINE TYPE:	DESCRIPTION:	EXPLANATION:
— — —	PANEL FIXED LOCATION	DESIGNATES A ROW OF **'FIXED'** PANEL CLIPS.

FOR REVIEW

ALL ROOF DIMENSIONS MUST BE FIELD VERIFIED

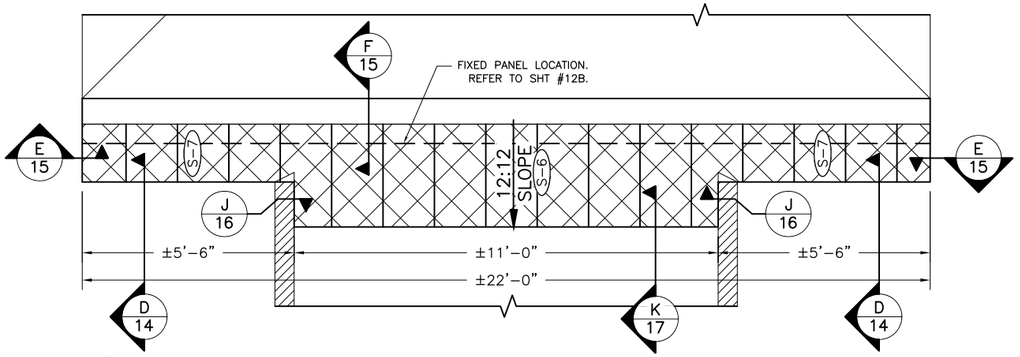
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ARCHITECT: NA
DATE: 09/23/24 | DWG BY: MEC | CHK BY: MB
PM: AMANDA TANT
CUSTOMER: NA
AGENT: JASON MORONNOLTE

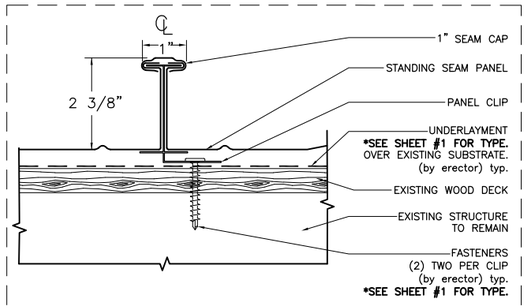
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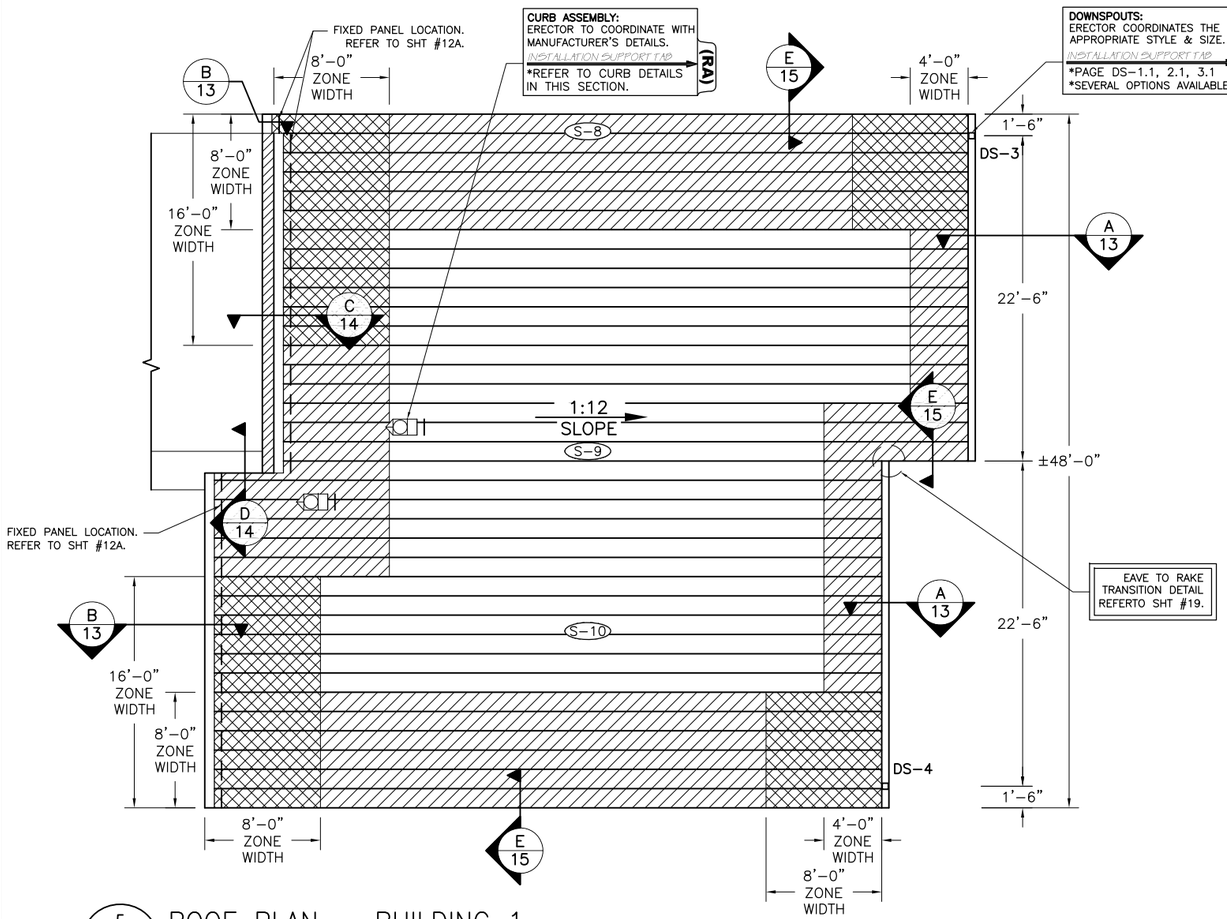
SHEET: 3 OF 38 JOB NUMBER: 39779



4/4 ROOF PLAN – BUILDING 1
ARCH. REF. : NA

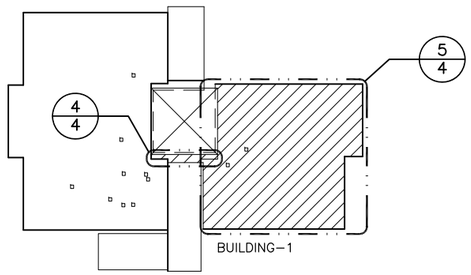


TYPICAL ROOF ASSEMBLY



5/4 ROOF PLAN – BUILDING 1
ARCH. REF. : NA

NOTE:
ALL DOWNSPOUT LOCATION MUST BE FIELD VERIFIED.



KEY PLAN

TRIM LAP DETAILS:
ERECTOR TO COORDINATE WITH MANUFACTURER'S DETAILS.
INSTALLATION SUPPORT TAB
*REFER TO TRIM LAP DETAILS IN THIS SECTION. (RA)

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SUBSTRATE DESIGNATION:	SUBSTRATE LENGTH:	CALCULATE:	REQUIRED PANEL LENGTHS:
S-6	±3'-0"	NOTE: Use the shop drawing details to adjust the substrate length dimension to the panel length required.	=
S-7	±4'-7"		=
S-8	±49'-0"		=
S-9	±48'-3"		=
S-10	±47'-0"		=
--	----		=
--	----		=
--	----		=

IMPORTANT READ:
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ASCE 7-16 COMPONENTS and CLADDING – METHOD 2

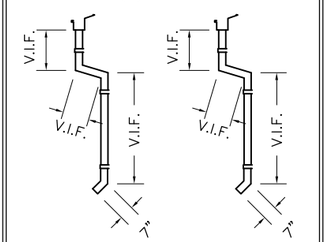
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FIXED PANEL CLIP LOCATIONS:

LINE TYPE:	DESCRIPTION:	EXPLANATION:
— — —	PANEL FIXED LOCATION	DESIGNATES A ROW OF **'FIXED'** PANEL CLIPS.

DOWNSPOUT PROFILES:
*REFER TO **SECTION (RA)** FOR DOWNSPOUT & STRAP DATA.



PROFILE DS-3 NUMBER OF CONDITIONS:01
PROFILE DS-4 NUMBER OF CONDITIONS:01

ALL ROOF DIMENSIONS MUST BE FIELD VERIFIED

FOR REVIEW

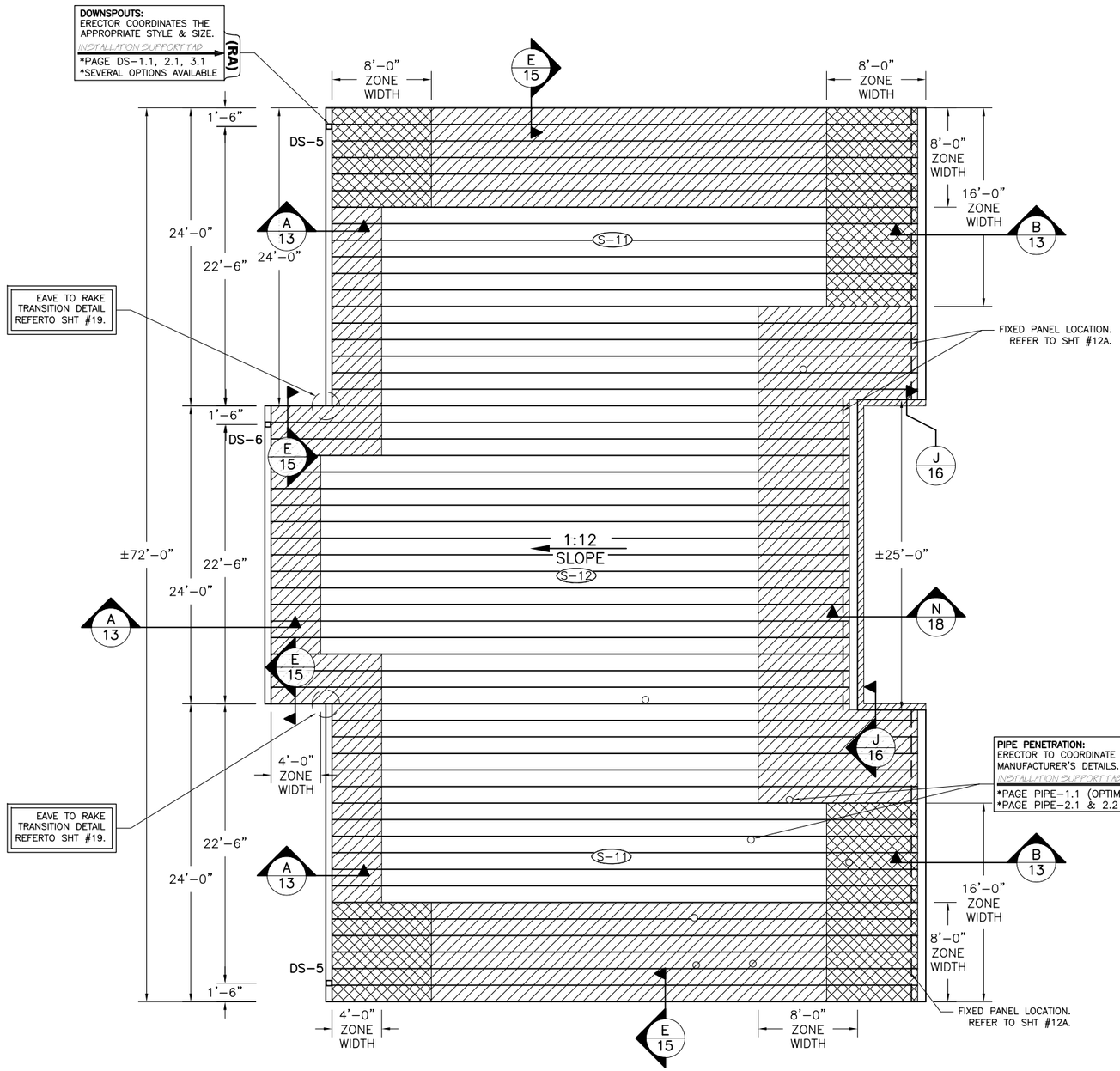
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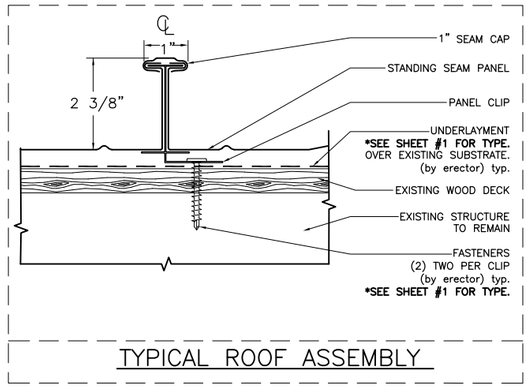
REV:	DATE:
1	10/02/24
2	11/04/24
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THE GARLAND COMPANY, INC.
3800 EAST 91st STREET - CLEVELAND, OHIO 44105-2197
PHONE (800) 321-9336 / FAX (216) 641-0633

JOB NUMBER: 39779
SHEET: 4 OF 38

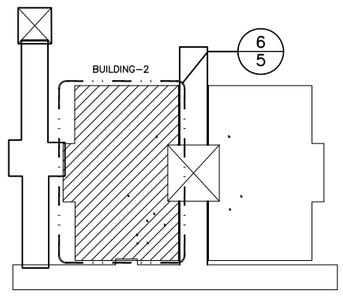


6/5 ROOF PLAN – BUILDING 2
ARCH. REF. : NA



TYPICAL ROOF ASSEMBLY

NOTE:
ALL DOWNSPOUT LOCATION MUST BE FIELD VERIFIED.



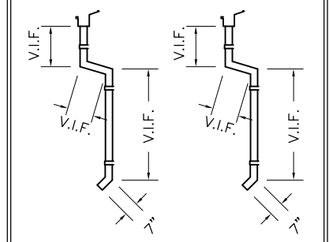
KEY PLAN

TRIM LAP DETAILS:
ERECTOR TO COORDINATE WITH MANUFACTURER'S DETAILS.
INSTALLATION SUPPORT TAB
*REFER TO TRIM LAP DETAILS IN THIS SECTION.
(RA)

SMACNA GUIDELINES:
GARLAND RECOMMENDS FOLLOWING SMACNA GUIDELINES FOR THE SIZING AND LOCATION OF GUTTERS, DOWNSPOUTS, AND EXPANSION JOINTS.

ERECTOR NOTE:
ALL MATERIAL SUPPLIED IS 0.040" ALUMINUM. ALL TRIM COMPONENTS ARE TO BE FABRICATED BY THE ERECTOR FROM FLAT SHEET SUPPLIED.

DOWNSPOUT PROFILES:
*REFER TO **SECTION (RA)** FOR DOWNSPOUT & STRAP DATA.



PROFILE DS-5
NUMBER OF CONDITIONS:02

PROFILE DS-6
NUMBER OF CONDITIONS:01

SUBSTRATE LENGTH SCHEDULE:

PROVIDED BELOW ARE **ESTIMATED SUBSTRATE LENGTHS (NOT PANEL LENGTHS).** AS PROVIDED TO GARLAND OR AS SCALED BY GARLAND FROM CONSTRUCTION DRAWINGS.

- THESE SUBSTRATE LENGTHS ARE PROVIDED FOR REVIEW AND **MUST** BE **FIELD VERIFIED**.
- ERECTOR MUST THEN REFERENCE THE APPROPRIATE DETAILS WITHIN THE SHOP DRAWINGS TO CALCULATE THE CORRECT ROOF PANEL LENGTHS REQUIRED. YOU MAY NOTE THESE CALCULATED PANEL LENGTHS IN THE SPACES PROVIDED BELOW.
- ERECTOR TO COORDINATE JOB SITE CONDITIONS WITH SHOP DRAWING DETAILS TO DETERMINE REQUIRED PANEL QUANTITIES AND LENGTHS. THIS ITEMIZED CUT IS TO BE FORWARDED TO GARLAND FOR MATERIAL RELEASE AND PRODUCTION.

DO NOT USE THE SUBSTRATE LENGTHS AS THE PANEL LENGTHS!

SUBSTRATE DESIGNATION:	SUBSTRATE LENGTH:	CALCULATE:	REQUIRED PANEL LENGTHS:
S-1	±48'-0"	NOTE: Use the shop drawing details to adjust the substrate length dimension to the panel length required.	=
S-12	±47'-5"		=
	----		=
	----		=
	----		=
	----		=
	----		=
	----		=
	----		=

IMPORTANT READ:
THE ERECTOR HAS THE SOLE RESPONSIBILITY TO COORDINATE THE SHOP DRAWINGS WITH THE ACTUAL JOB SITE CONDITIONS TO DETERMINE AN ACCURATE AND ITEMIZED MATERIAL 'CUT LIST'. THIS IS CRUCIAL FOR MATERIAL RELEASE AND PANEL PRODUCTION.

PANEL CLIP SPACING

PROVIDED BELOW ARE THE **MAXIMUM** ALLOWABLE ROOF PANEL CLIP SPACINGS.

ROOF PANEL CLIPS MAY BE INSTALLED CLOSER TOGETHER THAN THE ALLOWABLE O.C. MAXIMUMS IF JOB-SITE CONDITIONS REQUIRE. HOWEVER, PANEL CLIPS MUST **'NOT'** EXCEED THE MANUFACTURER'S PROVIDED O.C. MAXIMUMS.

ASCE 7-16 COMPONENTS and CLADDING – METHOD 2

BASIC WIND SPEED: 104 MPH WIND IMPORTANCE FACTOR (I): IV(1.15)
WIND EXPOSURE: C INTERNAL PRESSURE COEFFICIENT: ±0.18 or ±0.55

ZONE DESIGNATION:	ZONE TYPE:	DESCRIPTION:	ROOF PRESSURES:	CLIP SPACING:
	ZONE 1	(Field of Roof)	27.0 PSF	3'-6" o.c. MAX.
	ZONE 2	(Perimeters)	34.2 PSF	2'-9" o.c. MAX.
	ZONE 3	(Corners)	45.0 PSF	2'-1" o.c. MAX.

FIXED PANEL CLIP LOCATIONS:

LINE TYPE:	DESCRIPTION:	EXPLANATION:
— — —	PANEL FIXED LOCATION	DESIGNATES A ROW OF 'FIXED' PANEL CLIPS.

ALL ROOF DIMENSIONS MUST BE FIELD VERIFIED

FOR REVIEW

VENTURA UNIFIED SD- PORTOLA ELEMENTARY
6700 EAGLE STREET, VENTURA, CA 93003

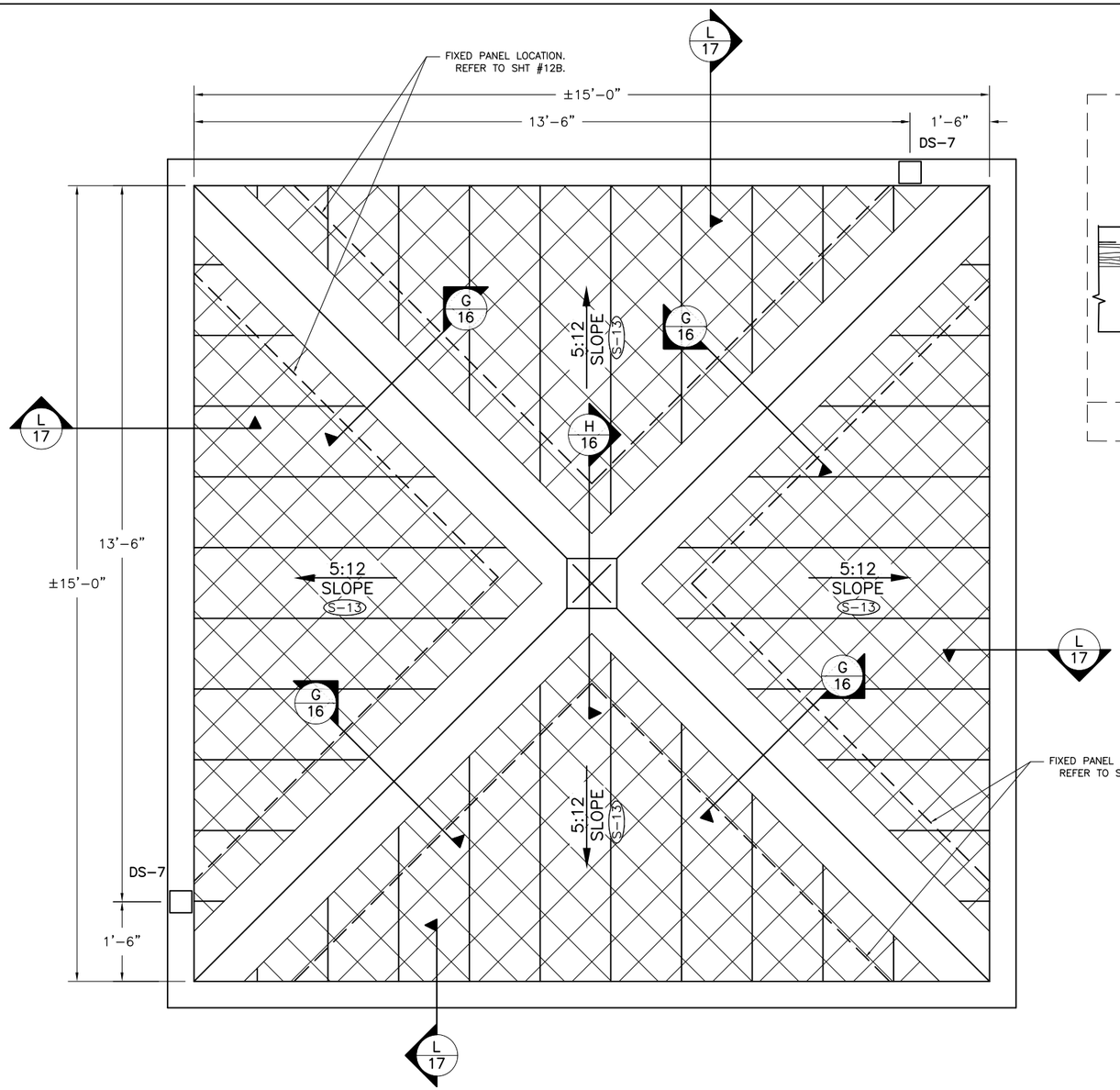
ARCHITECT: NA | DWG BY: MEC | CHK BY: MB
DATE: 09/23/24 | PM: AMANDA TANT

REV: 1 DATE: 10/02/24
REV: 2 DATE: 11/04/24
REV: 1 DATE: --/--/--
REV: 1 DATE: --/--/--

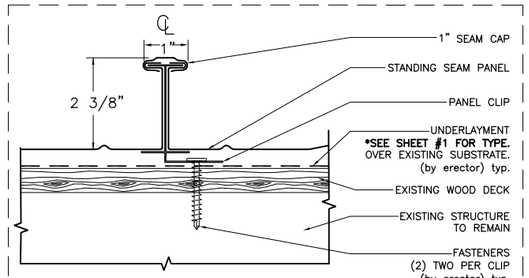
CUSTOMER: NA
AGENT: JASON MORONNOLTE

THE GARLAND COMPANY, INC.
3800 EAST 91st STREET – CLEVELAND, OHIO 44105-2197
PHONE (800) 321-9336 / FAX (216) 641-0633

JOB NUMBER: 39779
SHEET: 5 OF 38

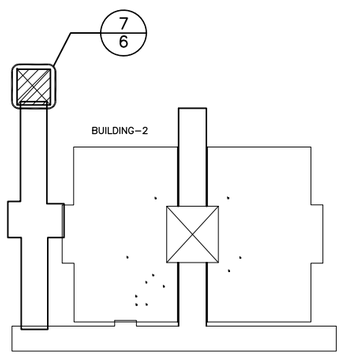


7/6 ROOF PLAN – BUILDING 2
ARCH. REF. : NA



TYPICAL ROOF ASSEMBLY

NOTE:
ALL DOWNSPOUT LOCATION MUST BE FIELD VERIFIED.



KEY PLAN

TRIM LAP DETAILS:
ERECTOR TO COORDINATE WITH MANUFACTURER'S DETAILS.
INSTALLATION SUPPORT TAB
*REFER TO TRIM LAP DETAILS IN THIS SECTION. (RA)

SMACNA GUIDELINES:
GARLAND RECOMMENDS FOLLOWING SMACNA GUIDELINES FOR THE SIZING AND LOCATION OF GUTTERS, DOWNSPOUTS, AND EXPANSION JOINTS.

ERECTOR NOTE:
ALL MATERIAL SUPPLIED IS 0.040" ALUMINUM.
ALL TRIM COMPONENTS ARE TO BE FABRICATED BY THE ERECTOR FROM FLAT SHEET SUPPLIED.

SUBSTRATE LENGTH SCHEDULE:

PROVIDED BELOW ARE **ESTIMATED SUBSTRATE LENGTHS (NOT PANEL LENGTHS),** AS PROVIDED TO GARLAND OR AS SCALED BY GARLAND FROM CONSTRUCTION DRAWINGS.

- THESE SUBSTRATE LENGTHS ARE PROVIDED FOR REVIEW AND **MUST** BE **FIELD VERIFIED**.
- ERECTOR MUST THEN REFERENCE THE APPROPRIATE DETAILS WITHIN THE SHOP DRAWINGS TO CALCULATE THE CORRECT ROOF PANEL LENGTHS REQUIRED. YOU MAY NOTE THESE CALCULATED PANEL LENGTHS IN THE SPACES PROVIDED BELOW.
- ERECTOR TO COORDINATE JOB SITE CONDITIONS WITH SHOP DRAWING DETAILS TO DETERMINE REQUIRED PANEL QUANTITIES AND LENGTHS. THIS ITEMIZED CUT IS TO BE FORWARDED TO GARLAND FOR MATERIAL RELEASE AND PRODUCTION.

DO NOT USE THE SUBSTRATE LENGTHS AS THE PANEL LENGTHS!

SUBSTRATE DESIGNATION:	SUBSTRATE LENGTH:	CALCULATE:	REQUIRED PANEL LENGTHS:
S–13	±8'–3"(V.I.F.)	NOTE: Use the shop drawing details to adjust the substrate length dimension to the panel length required.	= _____
	----		= _____
	----		= _____
	----		= _____
	----		= _____
	----		= _____
	----		= _____

IMPORTANT READ:
THE ERECTOR HAS THE SOLE RESPONSIBILITY TO COORDINATE THE SHOP DRAWINGS WITH THE ACTUAL JOB SITE CONDITIONS TO DETERMINE AN ACCURATE AND ITEMIZED MATERIAL 'CUT LIST'. THIS IS CRUCIAL FOR MATERIAL RELEASE AND PANEL PRODUCTION.

PANEL CLIP SPACING

PROVIDED BELOW ARE THE **MAXIMUM** ALLOWABLE ROOF PANEL CLIP SPACINGS.

ROOF PANEL CLIPS MAY BE INSTALLED CLOSER TOGETHER THAN THE ALLOWABLE O.C. MAXIMUMS IF JOB–SITE CONDITIONS REQUIRE. HOWEVER, PANEL CLIPS MUST **'NOT'** EXCEED THE MANUFACTURER'S PROVIDED O.C. MAXIMUMS.

ASCE 7–16 COMPONENTS and CLADDING – METHOD 2

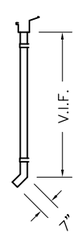
BASIC WIND SPEED: 104 MPH WIND IMPORTANCE FACTOR (I): IV(1.15)
WIND EXPOSURE: C INTERNAL PRESSURE COEFFICIENT: ±0.18 or ±0.55

ZONE DESIGNATION:	ZONE TYPE:	DESCRIPTION:	ROOF PRESSURES:	CLIP SPACING:
	ZONE 1	(Field of Roof)	27.0 PSF	3'–6" o.c. MAX.
	ZONE 2	(Perimeters)	34.2 PSF	2'–9" o.c. MAX.
	ZONE 3	(Corners)	45.0 PSF	2'–1" o.c. MAX.

FIXED PANEL CLIP LOCATIONS:

LINE TYPE:	DESCRIPTION:	EXPLANATION:
— — —	PANEL FIXED LOCATION	DESIGNATES A ROW OF **'FIXED'** PANEL CLIPS.

DOWNSPOUT PROFILES:
*REFER TO **SECTION (RA)** FOR DOWNSPOUT & STRAP DATA.



PROFILE DS–7
NUMBER OF CONDITIONS:02

ALL ROOF DIMENSIONS MUST BE FIELD VERIFIED

FOR REVIEW

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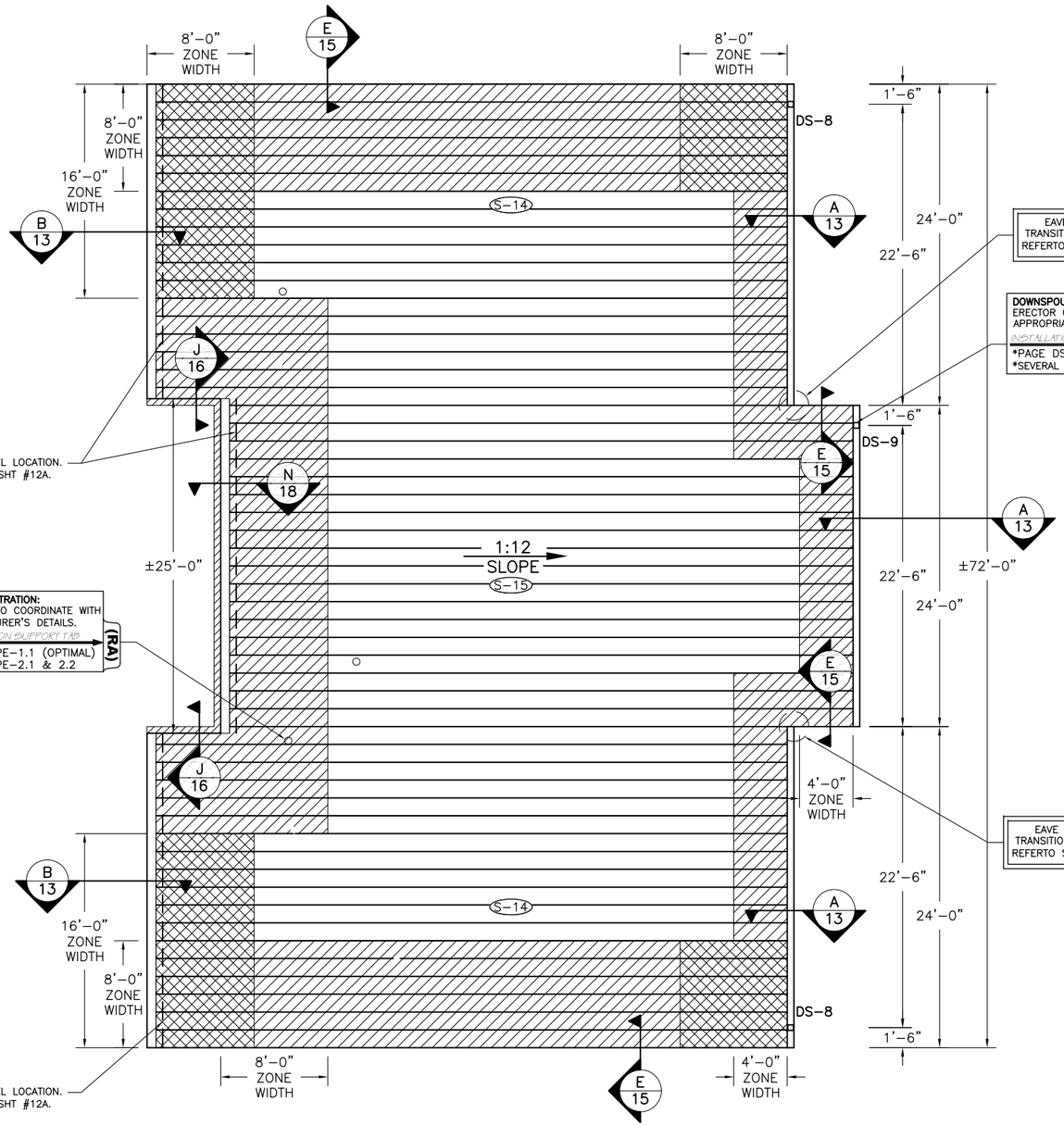
ARCHITECT: NA | DWG BY: MEC | CHK BY: MB
DATE: 09/23/24 | PM: AMANDA TANT

CUSTOMER: NA
AGENT: JASON MORONNOLTE

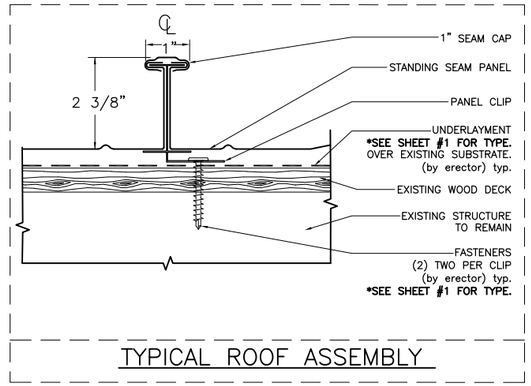
REV:	DATE:
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JOB NUMBER: 39779
SHEET: 6 OF 38

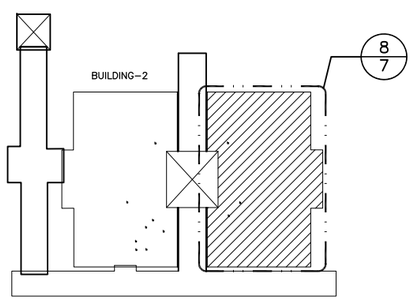


8/7 ROOF PLAN – BUILDING 2
ARCH. REF. : NA



TYPICAL ROOF ASSEMBLY

NOTE:
ALL DOWNSPOUT LOCATION MUST BE FIELD VERIFIED.



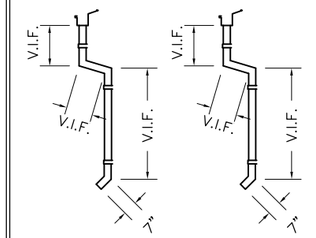
KEY PLAN

TRIM LAP DETAILS:
ERECTOR TO COORDINATE WITH MANUFACTURER'S DETAILS.
INSTALLATION SUPPORT TAB
*REFER TO TRIM LAP DETAILS IN THIS SECTION.
(RA)

SMACNA GUIDELINES:
GARLAND RECOMMENDS FOLLOWING SMACNA GUIDELINES FOR THE SIZING AND LOCATION OF GUTTERS, DOWNSPOUTS, AND EXPANSION JOINTS.

ERECTOR NOTE:
ALL MATERIAL SUPPLIED IS 0.040" ALUMINUM. ALL TRIM COMPONENTS ARE TO BE FABRICATED BY THE ERECTOR FROM FLAT SHEET SUPPLIED.

DOWNSPOUT PROFILES:
*REFER TO **SECTION (RA)** FOR DOWNSPOUT & STRAP DATA.



PROFILE DS-8 NUMBER OF CONDITIONS:02
PROFILE DS-9 NUMBER OF CONDITIONS:01

SUBSTRATE LENGTH SCHEDULE:

PROVIDED BELOW ARE **ESTIMATED SUBSTRATE LENGTHS (NOT PANEL LENGTHS).** AS PROVIDED TO GARLAND OR AS SCALED BY GARLAND FROM CONSTRUCTION DRAWINGS.

- THESE SUBSTRATE LENGTHS ARE PROVIDED FOR REVIEW AND **MUST** BE **FIELD VERIFIED**.
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DO NOT USE THE SUBSTRATE LENGTHS AS THE PANEL LENGTHS!

SUBSTRATE DESIGNATION:	SUBSTRATE LENGTH:	CALCULATE:	REQUIRED PANEL LENGTHS:
S-14	±48'-0"	NOTE: Use the shop drawing details to adjust the substrate length dimension to the panel length required.	=
S-15	±47'-5"		=
	----		=
	----		=
	----		=
	----		=
	----		=
	----		=

IMPORTANT READ:
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PANEL CLIP SPACING

PROVIDED BELOW ARE THE **MAXIMUM** ALLOWABLE ROOF PANEL CLIP SPACINGS.

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ASCE 7-16 COMPONENTS and CLADDING – METHOD 2

BASIC WIND SPEED: 104 MPH WIND IMPORTANCE FACTOR (I): IV(1.15)
WIND EXPOSURE: C INTERNAL PRESSURE COEFFICIENT: ±0.18 or ±0.55

ZONE DESIGNATION:	ZONE TYPE:	DESCRIPTION:	ROOF PRESSURES:	CLIP SPACING:
	ZONE 1	(Field of Roof)	27.0 PSF	3'-6" o.c. MAX.
	ZONE 2	(Perimeters)	34.2 PSF	2'-9" o.c. MAX.
	ZONE 3	(Corners)	45.0 PSF	2'-1" o.c. MAX.

FIXED PANEL CLIP LOCATIONS:

LINE TYPE:	DESCRIPTION:	EXPLANATION:
— — —	PANEL FIXED LOCATION	DESIGNATES A ROW OF **'FIXED'** PANEL CLIPS.

ALL ROOF DIMENSIONS MUST BE FIELD VERIFIED

FOR REVIEW

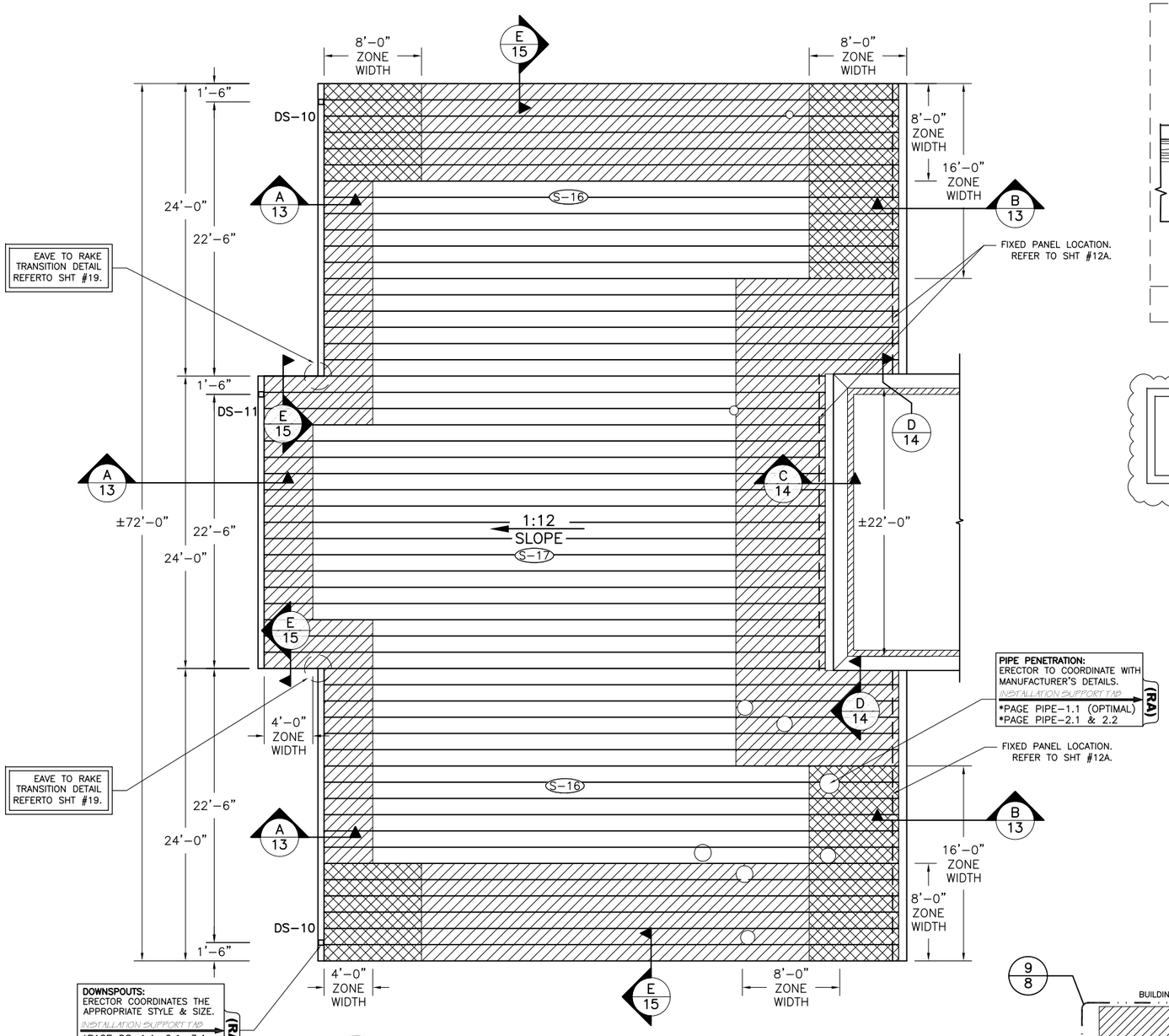
VENTURA UNIFIED SD- PORTOLA ELEMENTARY
6700 EAGLE STREET, VENTURA, CA 93003

REV:	DATE:
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ARCHITECT: NA | DWG BY: MEC | CHK BY: MB
PM: AMANDA TANT | DATE: 09/23/24
CUSTOMER: NA
AGENT: JASON MORONNOLTE

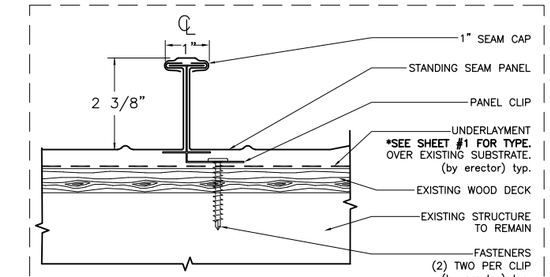
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JOB NUMBER: 39779
SHEET: 7 OF 38



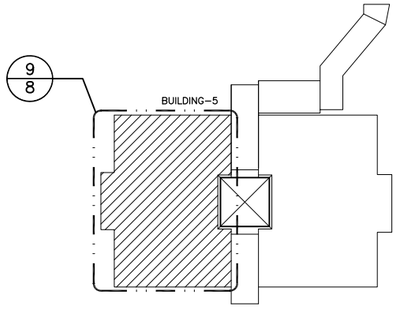
9/8 ROOF PLAN – BUILDING 5

ARCH. REF. : NA



TYPICAL ROOF ASSEMBLY

NOTE:
ALL DOWNSPOUT LOCATION MUST BE FIELD VERIFIED.



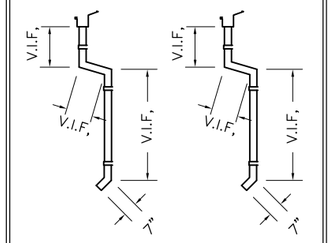
KEY PLAN

TRIM LAP DETAILS:
ERECTOR TO COORDINATE WITH MANUFACTURER'S DETAILS.
INSTALLATION SUPPORT TAB
*REFER TO TRIM LAP DETAILS IN THIS SECTION.
(RA)

SMACNA GUIDELINES:
GARLAND RECOMMENDS FOLLOWING SMACNA GUIDELINES FOR THE SIZING AND LOCATION OF GUTTERS, DOWNSPOUTS, AND EXPANSION JOINTS.

ERECTOR NOTE:
ALL MATERIAL SUPPLIED IS 0.040" ALUMINUM. ALL TRIM COMPONENTS ARE TO BE FABRICATED BY THE ERECTOR FROM FLAT SHEET SUPPLIED.

DOWNSPOUT PROFILES:
*REFER TO **SECTION (RA)** FOR DOWNSPOUT & STRAP DATA.



PROFILE DS-10
NUMBER OF CONDITIONS:02

PROFILE DS-11
NUMBER OF CONDITIONS:01

SUBSTRATE LENGTH SCHEDULE:

PROVIDED BELOW ARE **ESTIMATED SUBSTRATE LENGTHS (NOT PANEL LENGTHS),** AS PROVIDED TO GARLAND OR AS SCALED BY GARLAND FROM CONSTRUCTION DRAWINGS.

- THESE SUBSTRATE LENGTHS ARE PROVIDED FOR REVIEW AND **MUST** BE **FIELD VERIFIED**.
- ERECTOR MUST THEN REFERENCE THE APPROPRIATE DETAILS WITHIN THE SHOP DRAWINGS TO CALCULATE THE CORRECT ROOF PANEL LENGTHS REQUIRED. YOU MAY NOTE THESE CALCULATED PANEL LENGTHS IN THE SPACES PROVIDED BELOW.
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SUBSTRATE DESIGNATION:	SUBSTRATE LENGTH:	CALCULATE:	REQUIRED PANEL LENGTHS:
S-16	±48'-0"	NOTE: Use the shop drawing details to adjust the substrate length dimension to the panel length required.	=
S-17	±46'-11"		=
	----		=
	----		=
	----		=
	----		=
	----		=
	----		=

IMPORTANT READ:
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PANEL CLIP SPACING

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ASCE 7-16 COMPONENTS and CLADDING – METHOD 2

BASIC WIND SPEED: 104 MPH WIND IMPORTANCE FACTOR (I): IV(1.15)
WIND EXPOSURE: C INTERNAL PRESSURE COEFFICIENT: ±0.18 or ±0.55

ZONE DESIGNATION:	ZONE TYPE:	DESCRIPTION:	ROOF PRESSURES:	CLIP SPACING:
	ZONE 1	(Field of Roof)	27.0 PSF	3'-6" o.c. MAX.
	ZONE 2	(Perimeters)	34.2 PSF	2'-9" o.c. MAX.
	ZONE 3	(Corners)	45.0 PSF	2'-1" o.c. MAX.

FIXED PANEL CLIP LOCATIONS:

LINE TYPE:	DESCRIPTION:	EXPLANATION:
— — —	PANEL FIXED LOCATION	DESIGNATES A ROW OF **'FIXED'** PANEL CLIPS.

ALL ROOF DIMENSIONS MUST BE FIELD VERIFIED

FOR REVIEW

VENTURA UNIFIED SD- PORTOLA ELEMENTARY
6700 EAGLE STREET, VENTURA, CA 93003

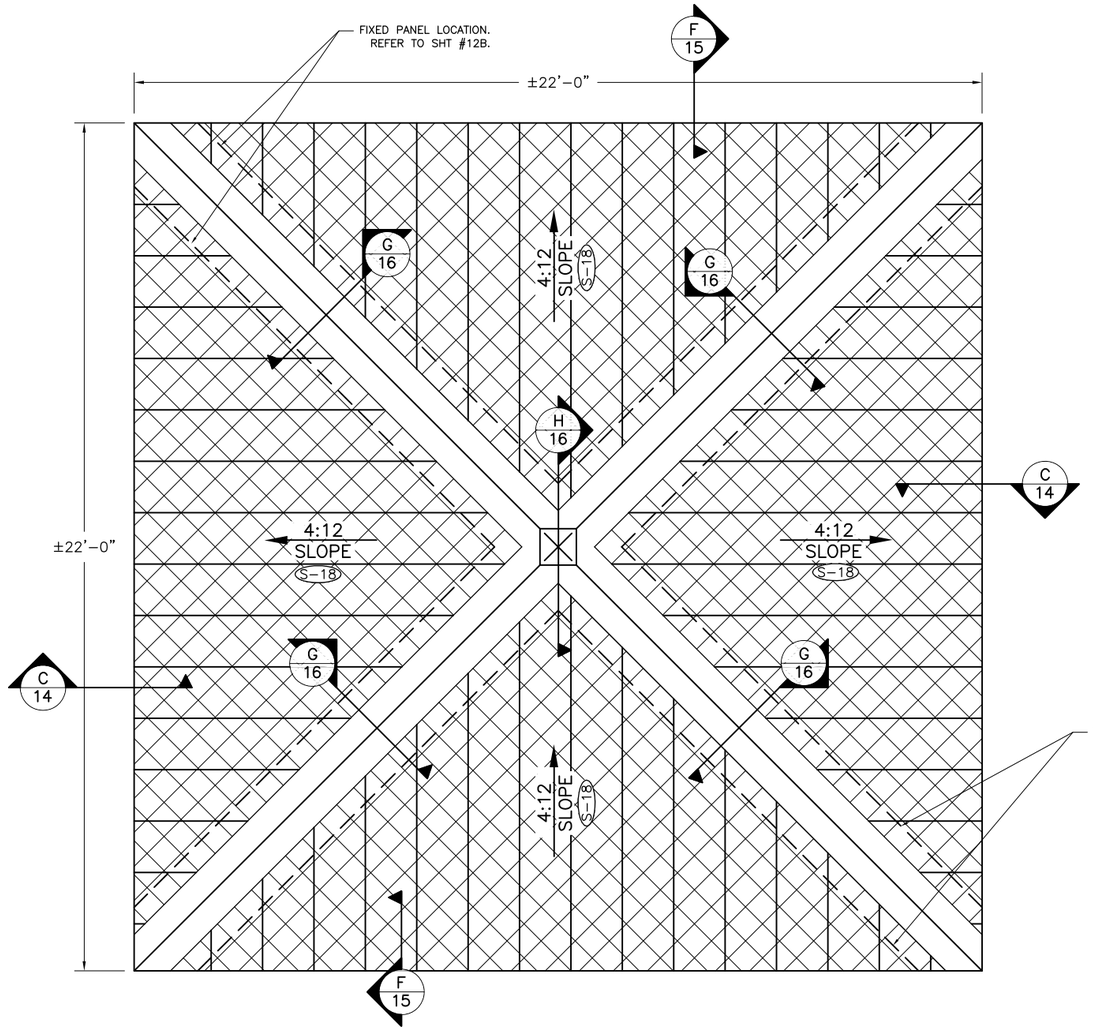
ARCHITECT: NA | DWG BY: MEC | CHK BY: MB
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CUSTOMER: NA
AGENT: JASON MORONNOLTE

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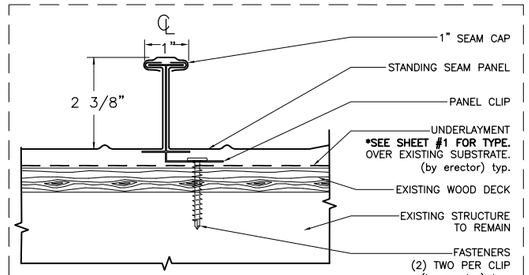
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PHONE (800) 321-9336 / FAX (216) 641-0633

JOB NUMBER: 39779
SHEET: 8 OF 38



10/9 ROOF PLAN – BUILDING 5

ARCH. REF. : NA



TYPICAL ROOF ASSEMBLY

TRIM LAP DETAILS:
ERECTOR TO COORDINATE WITH MANUFACTURER'S DETAILS.
INSTALLATION SUPPORT TAB (RA)
*REFER TO TRIM LAP DETAILS IN THIS SECTION.

SMACNA GUIDELINES:
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ERECTOR NOTE:
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ALL TRIM COMPONENTS ARE TO BE FABRICATED BY THE ERECTOR FROM FLAT SHEET SUPPLIED.

SUBSTRATE LENGTH SCHEDULE:

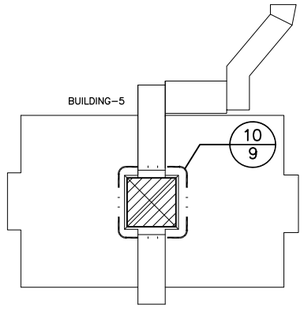
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- ERECTOR MUST THEN REFERENCE THE APPROPRIATE DETAILS WITHIN THE SHOP DRAWINGS TO CALCULATE THE CORRECT ROOF PANEL LENGTHS REQUIRED. YOU MAY NOTE THESE CALCULATED PANEL LENGTHS IN THE SPACES PROVIDED BELOW.
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DO NOT USE THE SUBSTRATE LENGTHS AS THE PANEL LENGTHS!

SUBSTRATE DESIGNATION:	SUBSTRATE LENGTH:	CALCULATE:	REQUIRED PANEL LENGTHS:
S–18	±11'–8"	NOTE: Use the shop drawing details to adjust the substrate length dimension to the panel length required.	= _____
	————		= _____
	————		= _____
	————		= _____
	————		= _____
	————		= _____
	————		= _____
	————		= _____

IMPORTANT READ:
THE ERECTOR HAS THE SOLE RESPONSIBILITY TO COORDINATE THE SHOP DRAWINGS WITH THE ACTUAL JOB SITE CONDITIONS TO DETERMINE AN ACCURATE AND ITEMIZED MATERIAL 'CUT LIST'. THIS IS CRUCIAL FOR MATERIAL RELEASE AND PANEL PRODUCTION.



KEY PLAN

PANEL CLIP SPACING

PROVIDED BELOW ARE THE **MAXIMUM** ALLOWABLE ROOF PANEL CLIP SPACINGS.

ROOF PANEL CLIPS MAY BE INSTALLED CLOSER TOGETHER THAN THE ALLOWABLE O.C. MAXIMUMS IF JOB–SITE CONDITIONS REQUIRE. HOWEVER, PANEL CLIPS MUST **'NOT'** EXCEED THE MANUFACTURER'S PROVIDED O.C. MAXIMUMS.

ASCE 7–16 COMPONENTS and CLADDING – METHOD 2

BASIC WIND SPEED: 104 MPH WIND IMPORTANCE FACTOR (I): IV(1.15)
WIND EXPOSURE: C INTERNAL PRESSURE COEFFICIENT: ±0.18 or ±0.55

ZONE DESIGNATION:	ZONE TYPE:	DESCRIPTION:	ROOF PRESSURES:	CLIP SPACING:
	ZONE 1	(Field of Roof)	27.0 PSF	3'–6" o.c. MAX.
	ZONE 2	(Perimeters)	34.2 PSF	2'–9" o.c. MAX.
	ZONE 3	(Corners)	45.0 PSF	2'–1" o.c. MAX.

FIXED PANEL CLIP LOCATIONS:

LINE TYPE:	DESCRIPTION:	EXPLANATION:
— — —	PANEL FIXED LOCATION	DESIGNATES A ROW OF **'FIXED'** PANEL CLIPS.

ALL ROOF DIMENSIONS MUST BE FIELD VERIFIED

FOR REVIEW

VENTURA UNIFIED SD– PORTOLA ELEMENTARY
6700 EAGLE STREET, VENTURA, CA 93003

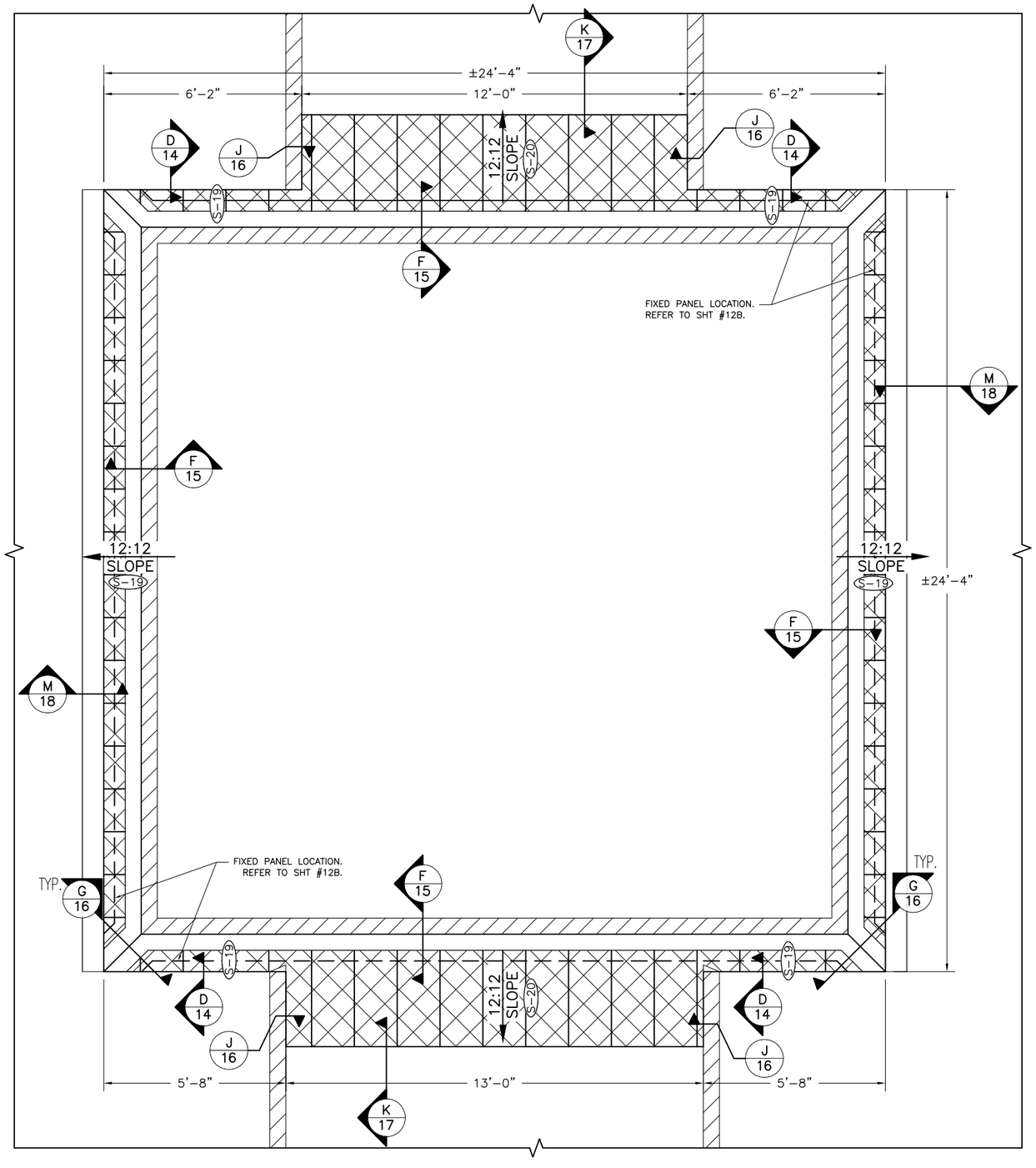
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DATE: 09/23/24 | PM: AMANDA TANT

CUSTOMER: NA
AGENT: JASON MORONNOLTE

REV:	DATE:
1	10/02/24
2	11/04/24
1	--/--/--
1	--/--/--

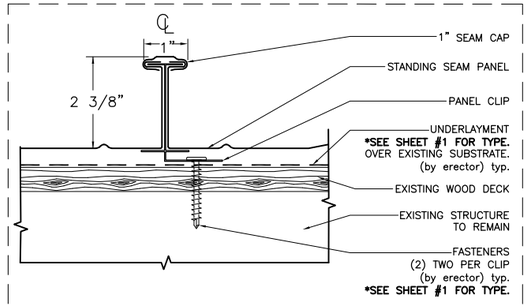
THE GARLAND COMPANY, INC.
3800 EAST 91st STREET – CLEVELAND, OHIO 44105–2197
PHONE (800) 321–9336 / FAX (216) 641–0633

JOB NUMBER: 39779
SHEET: 9 OF 38



11/10 ROOF PLAN – BUILDING 5

ARCH. REF. : NA



TYPICAL ROOF ASSEMBLY

TRIM LAP DETAILS:
ERECTOR TO COORDINATE WITH MANUFACTURER'S DETAILS.
INSTALLATION SUPPORT TAB (RA)
*REFER TO TRIM LAP DETAILS IN THIS SECTION.

SMACNA GUIDELINES:
GARLAND RECOMMENDS FOLLOWING SMACNA GUIDELINES FOR THE SIZING AND LOCATION OF GUTTERS, DOWNSPOUTS, AND EXPANSION JOINTS.

ERECTOR NOTE:
ALL MATERIAL SUPPLIED IS 0.040" ALUMINUM. ALL TRIM COMPONENTS ARE TO BE FABRICATED BY THE ERECTOR FROM FLAT SHEET SUPPLIED.

SUBSTRATE LENGTH SCHEDULE:

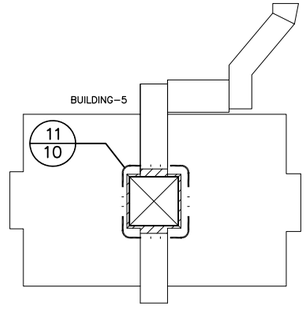
PROVIDED BELOW ARE **ESTIMATED SUBSTRATE LENGTHS (NOT PANEL LENGTHS).** AS PROVIDED TO GARLAND OR AS SCALED BY GARLAND FROM CONSTRUCTION DRAWINGS.

- THESE SUBSTRATE LENGTHS ARE PROVIDED FOR REVIEW AND **MUST** BE **FIELD VERIFIED**.
- ERECTOR MUST THEN REFERENCE THE APPROPRIATE DETAILS WITHIN THE SHOP DRAWINGS TO CALCULATE THE CORRECT ROOF PANEL LENGTHS REQUIRED. YOU MAY NOTE THESE CALCULATED PANEL LENGTHS IN THE SPACES PROVIDED BELOW.
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DO NOT USE THE SUBSTRATE LENGTHS AS THE PANEL LENGTHS!

SUBSTRATE DESIGNATION:	SUBSTRATE LENGTH:	CALCULATE:	REQUIRED PANEL LENGTHS:
S-19	±1'-7"		
S-20	±4'-10"		
	----	NOTE: Use the shop drawing details to adjust the substrate length dimension to the panel length required.	=
	----		=
	----		=
	----		=
	----		=
	----		=
	----		=

IMPORTANT READ:
THE ERECTOR HAS THE SOLE RESPONSIBILITY TO COORDINATE THE SHOP DRAWINGS WITH THE ACTUAL JOB SITE CONDITIONS TO DETERMINE AN ACCURATE AND ITEMIZED MATERIAL 'CUT LIST'. THIS IS CRUCIAL FOR MATERIAL RELEASE AND PANEL PRODUCTION.



KEY PLAN

PANEL CLIP SPACING

PROVIDED BELOW ARE THE **MAXIMUM** ALLOWABLE ROOF PANEL CLIP SPACINGS.

ROOF PANEL CLIPS MAY BE INSTALLED CLOSER TOGETHER THAN THE ALLOWABLE O.C. MAXIMUMS IF JOB-SITE CONDITIONS REQUIRE. HOWEVER, PANEL CLIPS MUST **'NOT'** EXCEED THE MANUFACTURER'S PROVIDED O.C. MAXIMUMS.

ASCE 7-16 COMPONENTS and CLADDING – METHOD 2

BASIC WIND SPEED: 104 MPH WIND IMPORTANCE FACTOR (I): IV(1.15)
WIND EXPOSURE: C INTERNAL PRESSURE COEFFICIENT: ±0.18 or ±0.55

ZONE DESIGNATION:	ZONE TYPE:	DESCRIPTION:	ROOF PRESSURES:	CLIP SPACING:
	ZONE 1	(Field of Roof)	27.0 PSF	3'-6" o.c. MAX.
	ZONE 2	(Perimeters)	34.2 PSF	2'-9" o.c. MAX.
	ZONE 3	(Corners)	45.0 PSF	2'-1" o.c. MAX.

FIXED PANEL CLIP LOCATIONS:

LINE TYPE:	DESCRIPTION:	EXPLANATION:
— — —	PANEL FIXED LOCATION	DESIGNATES A ROW OF 'FIXED' PANEL CLIPS.

ALL ROOF DIMENSIONS MUST BE FIELD VERIFIED

FOR REVIEW

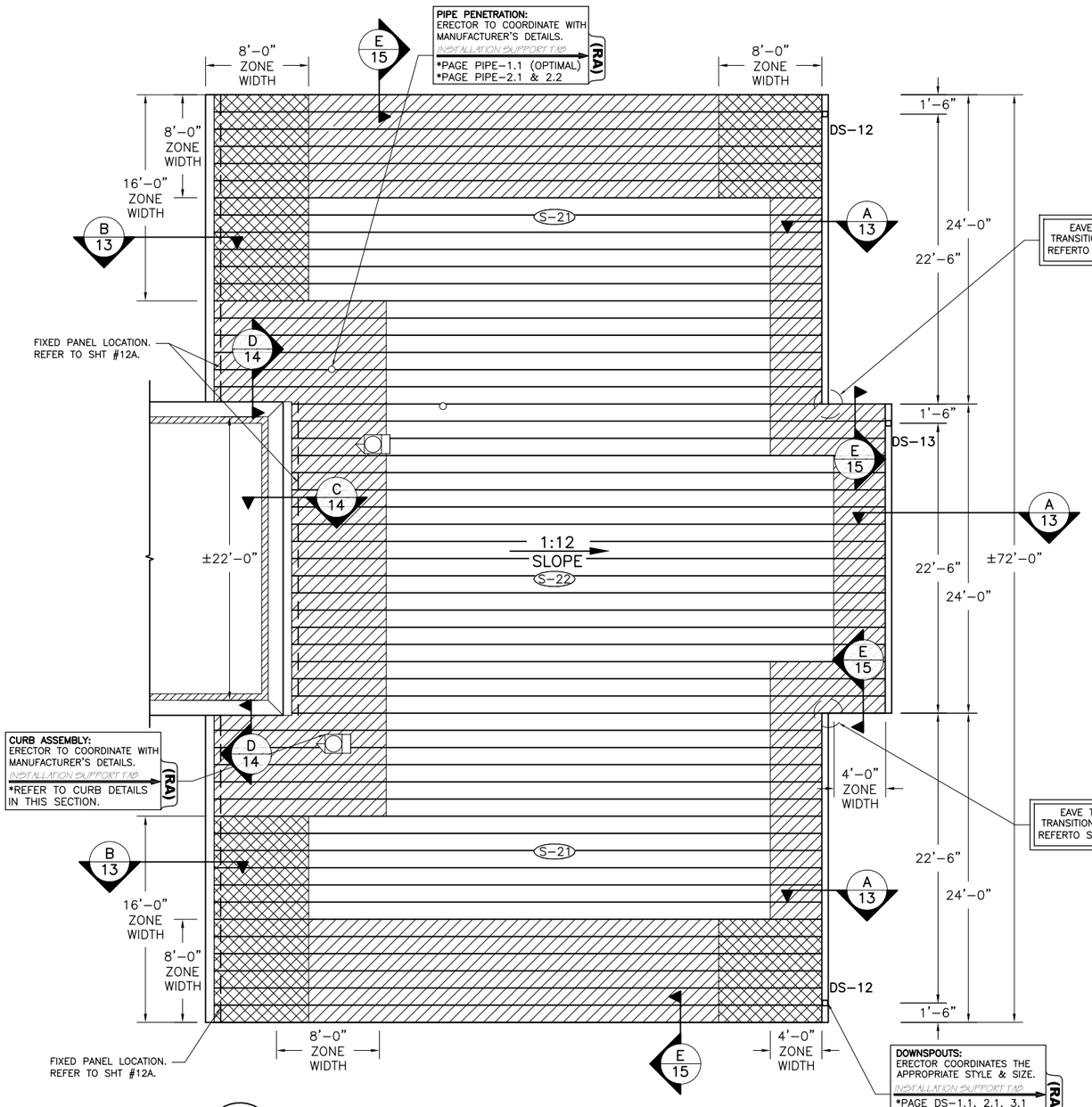
VENTURA UNIFIED SD- PORTOLA ELEMENTARY
6700 EAGLE STREET, VENTURA, CA 93003

ARCHITECT: NA
DATE: 09/23/24 | DWG BY: MEC | CHK BY: MB
PM: AMANDA TANT
CUSTOMER: NA
AGENT: JASON MORONNOLTE

REV:	DATE:
1	10/02/24
2	11/04/24
-	--/--/--
-	--/--/--

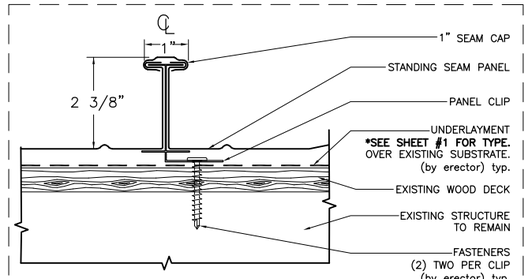
THE GARLAND COMPANY, INC.
3800 EAST 91st STREET - CLEVELAND, OHIO 44105-2197
PHONE (800) 321-9336 / FAX (216) 641-0633

JOB NUMBER: 39779
SHEET: 10 OF 38



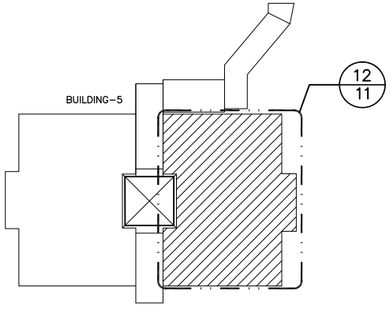
12/11 ROOF PLAN – BUILDING 5

ARCH. REF. : NA



TYPICAL ROOF ASSEMBLY

NOTE:
ALL DOWNSPOUT LOCATION MUST BE FIELD VERIFIED.



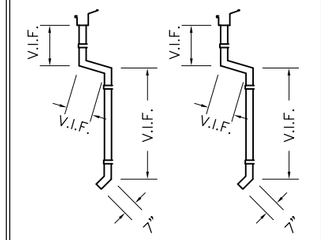
KEY PLAN

TRIM LAP DETAILS:
ERECTOR TO COORDINATE WITH MANUFACTURER'S DETAILS.
INSTALLATION SUPPORT TAB
*REFER TO TRIM LAP DETAILS IN THIS SECTION.
(RA)

SMACNA GUIDELINES:
GARLAND RECOMMENDS FOLLOWING SMACNA GUIDELINES FOR THE SIZING AND LOCATION OF GUTTERS, DOWNSPOUTS, AND EXPANSION JOINTS.

ERECTOR NOTE:
ALL MATERIAL SUPPLIED IS 0.040" ALUMINUM. ALL TRIM COMPONENTS ARE TO BE FABRICATED BY THE ERECTOR FROM FLAT SHEET SUPPLIED.

DOWNSPOUT PROFILES:
*REFER TO **SECTION (RA)** FOR DOWNSPOUT & STRAP DATA.



PROFILE DS-12 NUMBER OF CONDITIONS:02

PROFILE DS-13 NUMBER OF CONDITIONS:01

SUBSTRATE LENGTH SCHEDULE:

PROVIDED BELOW ARE **ESTIMATED SUBSTRATE LENGTHS (NOT PANEL LENGTHS),** AS PROVIDED TO GARLAND OR AS SCALED BY GARLAND FROM CONSTRUCTION DRAWINGS.

- THESE SUBSTRATE LENGTHS ARE PROVIDED FOR REVIEW AND **MUST** BE **FIELD VERIFIED**.
- ERECTOR MUST THEN REFERENCE THE APPROPRIATE DETAILS WITHIN THE SHOP DRAWINGS TO CALCULATE THE CORRECT ROOF PANEL LENGTHS REQUIRED. YOU MAY NOTE THESE CALCULATED PANEL LENGTHS IN THE SPACES PROVIDED BELOW.
- ERECTOR TO COORDINATE JOB SITE CONDITIONS WITH SHOP DRAWING DETAILS TO DETERMINE REQUIRED PANEL QUANTITIES AND LENGTHS. THIS ITEMIZED CUT IS TO BE FORWARDED TO GARLAND FOR MATERIAL RELEASE AND PRODUCTION.

DO NOT USE THE SUBSTRATE LENGTHS AS THE PANEL LENGTHS!

SUBSTRATE DESIGNATION:	SUBSTRATE LENGTH:	CALCULATE:	REQUIRED PANEL LENGTHS:
S-21	±48'-6"		
S-22	±46'-11"		
	----	NOTE: Use the shop drawing details to adjust the substrate length dimension to the panel length required.	=
	----		=
	----		=
	----		=
	----		=
	----		=

IMPORTANT READ:
THE ERECTOR HAS THE SOLE RESPONSIBILITY TO COORDINATE THE SHOP DRAWINGS WITH THE ACTUAL JOB SITE CONDITIONS TO DETERMINE AN ACCURATE AND ITEMIZED MATERIAL 'CUT LIST'. THIS IS CRUCIAL FOR MATERIAL RELEASE AND PANEL PRODUCTION.

PANEL CLIP SPACING

PROVIDED BELOW ARE THE **MAXIMUM** ALLOWABLE ROOF PANEL CLIP SPACINGS.

ROOF PANEL CLIPS MAY BE INSTALLED CLOSER TOGETHER THAN THE ALLOWABLE O.C. MAXIMUMS IF JOB-SITE CONDITIONS REQUIRE. HOWEVER, PANEL CLIPS MUST **'NOT'** EXCEED THE MANUFACTURER'S PROVIDED O.C. MAXIMUMS.

ASCE 7-16 COMPONENTS and CLADDING – METHOD 2

BASIC WIND SPEED: 104 MPH WIND IMPORTANCE FACTOR (I): IV(1.15)
WIND EXPOSURE: C INTERNAL PRESSURE COEFFICIENT: ±0.18 or ±0.55

ZONE DESIGNATION:	ZONE TYPE:	DESCRIPTION:	ROOF PRESSURES:	CLIP SPACING:
	ZONE 1	(Field of Roof)	27.0 PSF	3'-6" o.c. MAX.
	ZONE 2	(Perimeters)	34.2 PSF	2'-9" o.c. MAX.
	ZONE 3	(Corners)	45.0 PSF	2'-1" o.c. MAX.

FIXED PANEL CLIP LOCATIONS:

LINE TYPE:	DESCRIPTION:	EXPLANATION:
— — —	PANEL FIXED LOCATION	DESIGNATES A ROW OF **'FIXED'** PANEL CLIPS.

ALL ROOF DIMENSIONS MUST BE FIELD VERIFIED

FOR REVIEW

VENTURA UNIFIED SD- PORTOLA ELEMENTARY
6700 EAGLE STREET, VENTURA, CA 93003

ARCHITECT: NA | DWG BY: MEC | CHK BY: MB
DATE: 09/23/24 | PM: AMANDA TANT

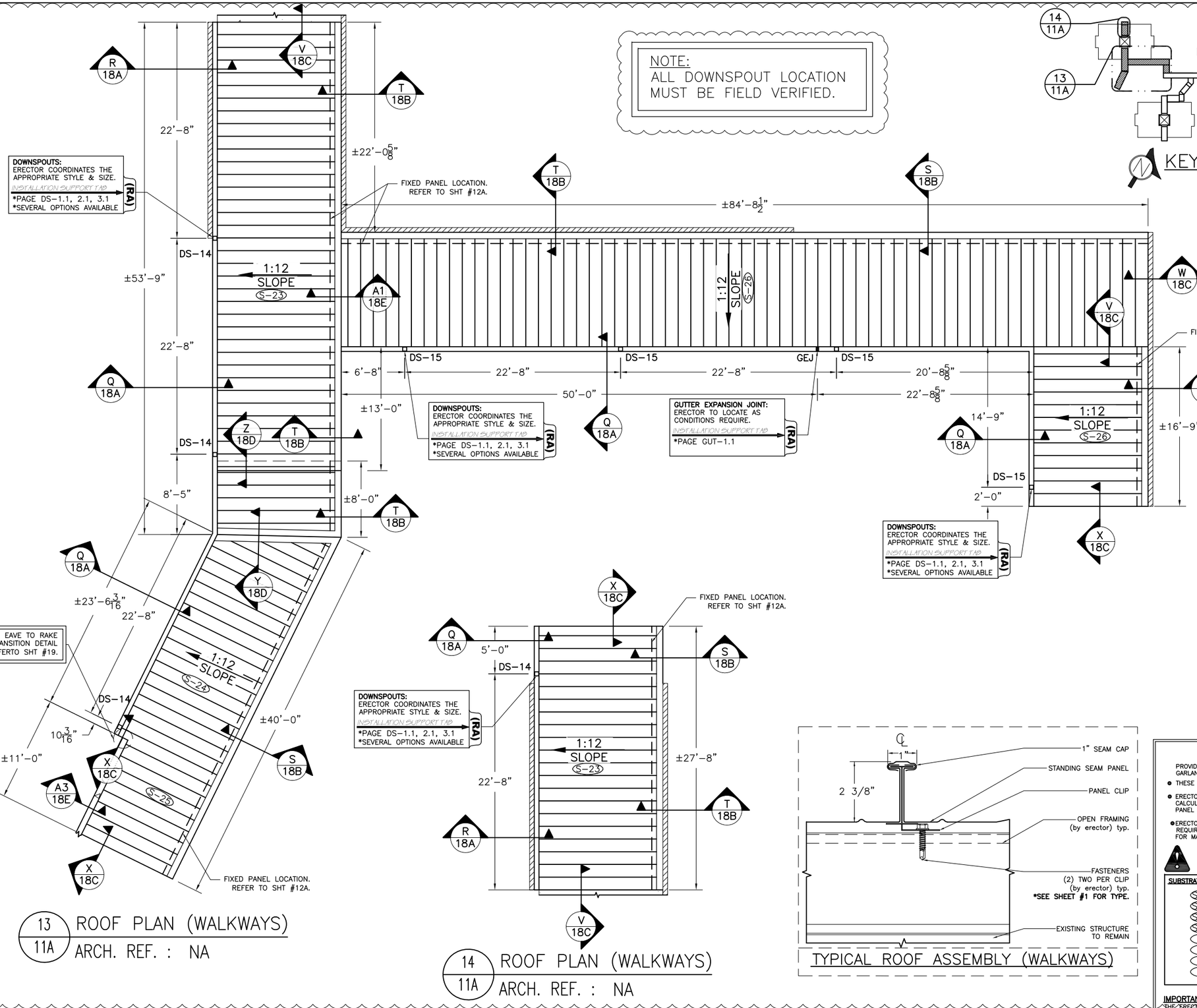
CUSTOMER: NA
AGENT: JASON MORONNOLTE

REV:	DATE:
1	10/02/24
2	11/04/24
1	--/--/--
1	--/--/--

THE GARLAND COMPANY, INC.
3800 EAST 91st STREET - CLEVELAND, OHIO 44105-2197
PHONE (800) 321-9336 / FAX (216) 641-0633

JOB NUMBER: 39779
SHEET: 11 OF 38

NOTE:
ALL DOWNSPOUT LOCATION MUST BE FIELD VERIFIED.



13 / 11A ROOF PLAN (WALKWAYS)
ARCH. REF. : NA

14 / 11A ROOF PLAN (WALKWAYS)
ARCH. REF. : NA

TYPICAL ROOF ASSEMBLY (WALKWAYS)

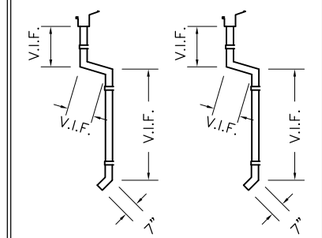
KEY PLAN

TRIM LAP DETAILS:
ERECTOR TO COORDINATE WITH MANUFACTURER'S DETAILS.
INSTALLATION SUPPORT TAB
*REFER TO TRIM LAP DETAILS IN THIS SECTION.
(RA)

SMACNA GUIDELINES:
GARLAND RECOMMENDS FOLLOWING SMACNA GUIDELINES FOR THE SIZING AND LOCATION OF GUTTERS, DOWNSPOUTS, AND EXPANSION JOINTS.

ERECTOR NOTE:
ALL MATERIAL SUPPLIED IS 0.040" ALUMINUM. ALL TRIM COMPONENTS ARE TO BE FABRICATED BY THE ERECTOR FROM FLAT SHEET SUPPLIED.

DOWNSPOUT PROFILES:
*REFER TO **SECTION (RA)** FOR DOWNSPOUT & STRAP DATA.



PROFILE DS-14
NUMBER OF CONDITIONS:05

PROFILE DS-15
NUMBER OF CONDITIONS:04

PANEL CLIP SPACING

PROVIDED BELOW ARE THE **MAXIMUM** ALLOWABLE ROOF PANEL CLIP SPACINGS.

ROOF PANEL CLIPS MAY BE INSTALLED CLOSER TOGETHER THAN THE ALLOWABLE O.C. MAXIMUMS IF JOB-SITE CONDITIONS REQUIRE. HOWEVER, PANEL CLIPS MUST **"NOT"** EXCEED THE MANUFACTURER'S PROVIDED O.C. MAXIMUMS.

ASCE 7-16 ASD COMPONENTS and CLADDING – METHOD 2

BASIC WIND SPEED: **104MPH** WIND IMPORTANCE FACTOR (I): **IV(1.15)**
WIND EXPOSURE: **C** INTERNAL PRESSURE COEFFICIENT: **±0.18 or ±0.55**

ZONE DESIGNATION:	ZONE TYPE:	DESCRIPTION:	ROOF PRESSURES:	CLIP SPACING:
	ZONE 1	(Field of Roof)	19.8 PSF	5'-0" o.c. MAX.
	ZONE 2	(Eave)	22.2 PSF	5'-0" o.c. MAX.
	ZONE 3	(Corners)	28.2 PSF	5'-0" o.c. MAX.
	ZONE 2'	(Head & Gable)	25.8 PSF	5'-0" o.c. MAX.
	ZONE 3'	(Head Edge)	37.8 PSF	5'-0" o.c. MAX.

FIXED PANEL CLIP LOCATIONS:

LINE TYPE:	DESCRIPTION:	EXPLANATION:
– – –	PANEL FIXED LOCATION	DESIGNATES A ROW OF **"FIXED"** PANEL CLIPS.

SUBSTRATE LENGTH SCHEDULE:

PROVIDED BELOW ARE **ESTIMATED SUBSTRATE LENGTHS (NOT PANEL LENGTHS),** AS PROVIDED TO GARLAND OR AS SCALED BY GARLAND FROM CONSTRUCTION DRAWINGS.

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DO NOT USE THE SUBSTRATE LENGTHS AS THE PANEL LENGTHS!

SUBSTRATE DESIGNATION:	SUBSTRATE LENGTH:	CALCULATE:	REQUIRED PANEL LENGTHS:
S-23	±13'-1"	**NOTE:** Use the shop drawing details to adjust the substrate length dimension to the panel length required.	=
S-24	±11'-10"		=
S-25	±10'-9"		=
S-26	±12'-1"		=
	----		=
	----		=
	----		=
	----		=

IMPORTANT READ:
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ALL ROOF DIMENSIONS MUST BE FIELD VERIFIED

FOR REVIEW

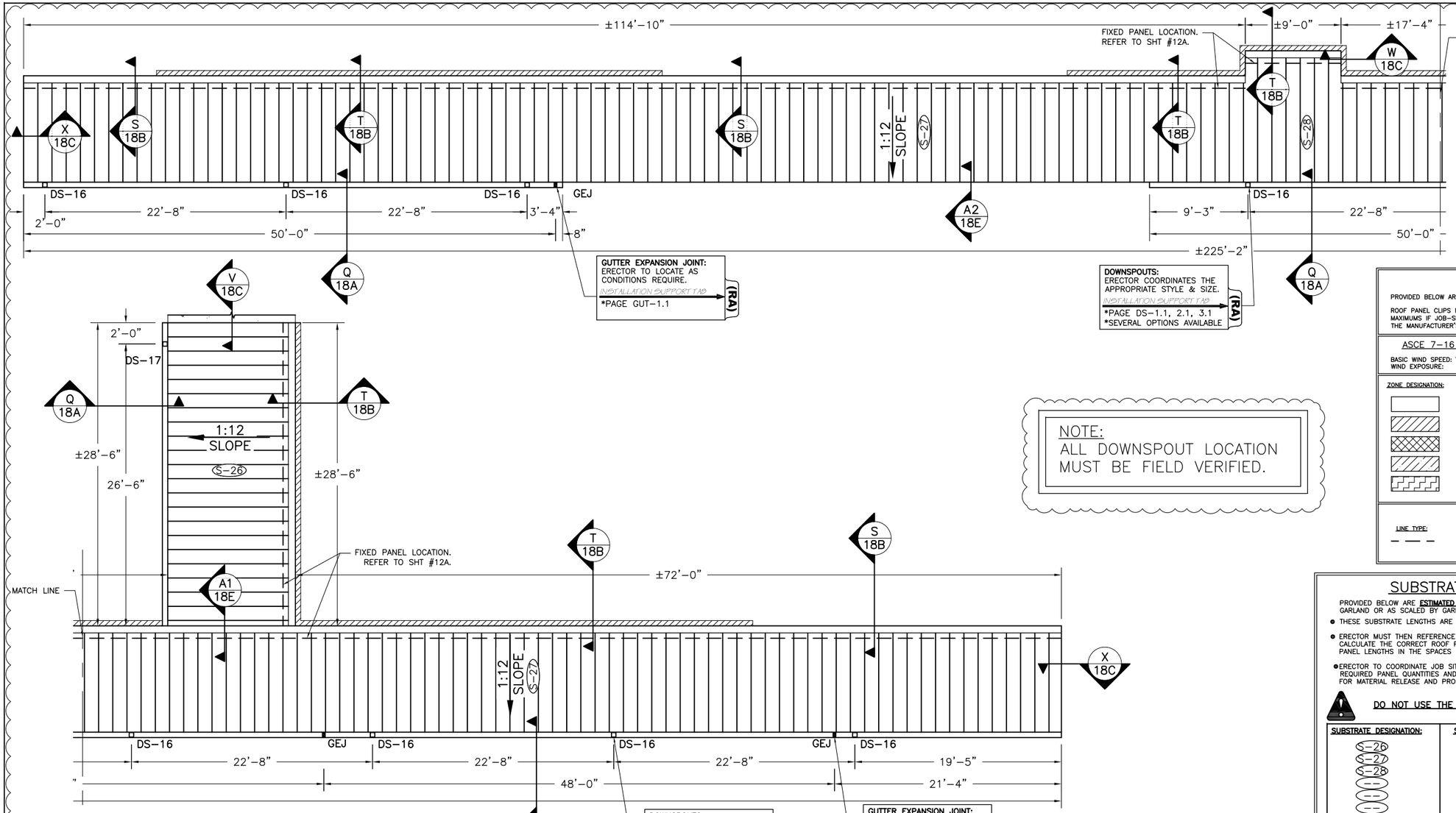
VENTURA UNIFIED SD- PORTOLA ELEMENTARY
6700 EAGLE STREET, VENTURA, CA 93003

ARCHITECT: NA | DWG BY: MEC | CHK BY: MB
DATE: 09/23/24 | PM: AMANDA TANT
CUSTOMER: NA | AGENT: JASON MORONNOLTE

REV:	DATE:
1	10/02/24
2	11/04/24
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1	--/--/--

THE GARLAND COMPANY INC.
3800 EAST 91st STREET – CLEVELAND, OHIO 44105-2197
PHONE (800) 321-9336 / FAX (216) 641-0633

JOB NUMBER: 39779
SHEET: 11A OF 38



15/11B ROOF PLAN (WALKWAYS)
ARCH. REF. : NA

NOTE:
ALL DOWNSPOUT LOCATION MUST BE FIELD VERIFIED.

PANEL CLIP SPACING

PROVIDED BELOW ARE THE **MAXIMUM** ALLOWABLE ROOF PANEL CLIP SPACINGS.

ROOF PANEL CLIPS MAY BE INSTALLED CLOSER TOGETHER THAN THE ALLOWABLE O.C. MAXIMUMS IF JOB-SITE CONDITIONS REQUIRE. HOWEVER, PANEL CLIPS MUST **"NOT"** EXCEED THE MANUFACTURER'S PROVIDED O.C. MAXIMUMS.

ASCE 7-16 ASD COMPONENTS and CLADDING - METHOD 2

BASIC WIND SPEED: **104MPH** WIND IMPORTANCE FACTOR (I): **IV(1.15)**
WIND EXPOSURE: **C** INTERNAL PRESSURE COEFFICIENT: **±0.18 or ±0.55**

ZONE DESIGNATION:	ZONE TYPE:	DESCRIPTION:	ROOF PRESSURES:	CLIP SPACING:
	ZONE 1	(Field of Roof)	19.8 PSF	5'-0" o.c. MAX.
	ZONE 2	(Eave)	22.2 PSF	5'-0" o.c. MAX.
	ZONE 3	(Corners)	28.2 PSF	5'-0" o.c. MAX.
	ZONE 2'	(Head & Gable)	25.8 PSF	5'-0" o.c. MAX.
	ZONE 3'	(Head Edge)	37.8 PSF	5'-0" o.c. MAX.

FIXED PANEL CLIP LOCATIONS:

LINE TYPE:	DESCRIPTION:	EXPLANATION:
— — —	PANEL FIXED LOCATION	DESIGNATES A ROW OF **"FIXED"** PANEL CLIPS.

SUBSTRATE LENGTH SCHEDULE:

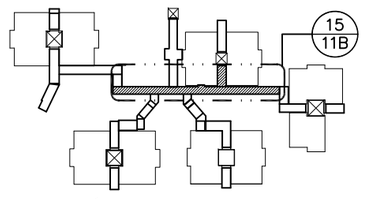
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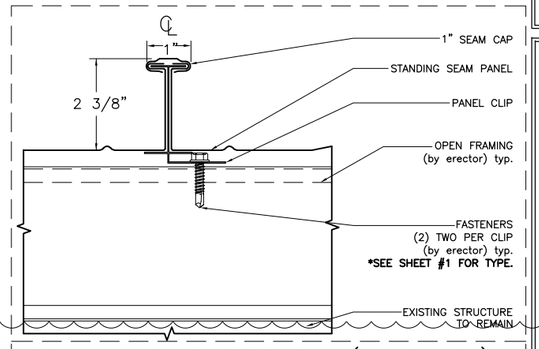
DO NOT USE THE SUBSTRATE LENGTHS AS THE PANEL LENGTHS!

SUBSTRATE DESIGNATION:	SUBSTRATE LENGTH:	CALCULATE:	REQUIRED PANEL LENGTHS:
S-26	±12'-1"	NOTE: Use the shop drawing details to adjust the substrate length dimension to the panel length required.	=
S-27	±10'-1"		=
S-28	±12'-5"		=
— — —	----		=
— — —	----		=
— — —	----		=
— — —	----		=
— — —	----		=

IMPORTANT READ:
THE ERECTOR HAS THE SOLE RESPONSIBILITY TO COORDINATE THE SHOP DRAWINGS WITH THE ACTUAL JOB SITE CONDITIONS TO DETERMINE AN ACCURATE AND ITEMIZED MATERIAL 'CUT LIST'. THIS IS CRUCIAL FOR MATERIAL RELEASE AND PANEL PRODUCTION.

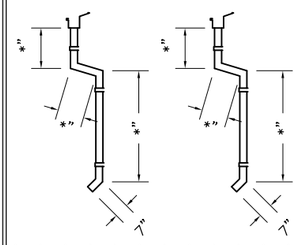


KEY PLAN



TYPICAL ROOF ASSEMBLY (WALKWAYS)

DOWNSPOUT PROFILES:
*REFER TO **SECTION (RA)** FOR DOWNSPOUT & STRAP DATA.



PROFILE DS-16 NUMBER OF CONDITIONS:08
PROFILE DS-17 NUMBER OF CONDITIONS:01

ALL ROOF DIMENSIONS MUST BE FIELD VERIFIED

FOR REVIEW

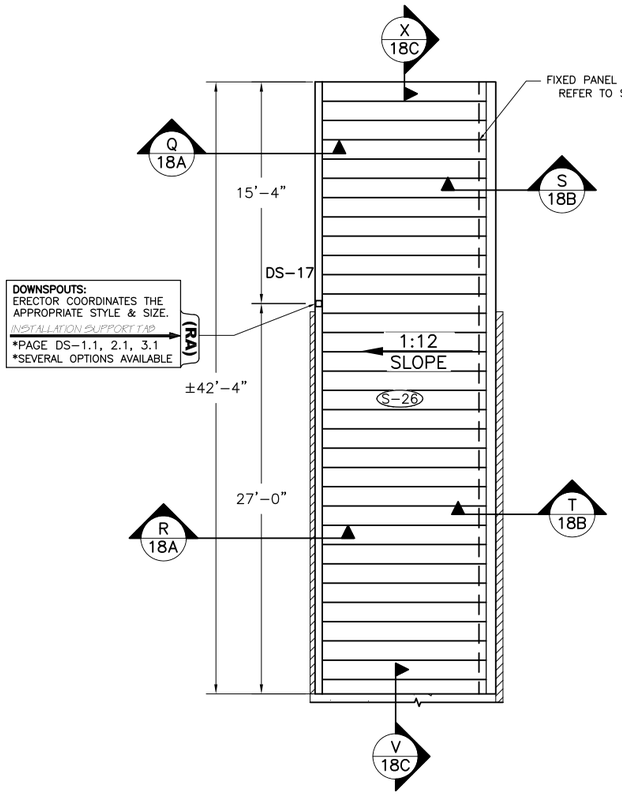
VENTURA UNIFIED SD- PORTOLA ELEMENTARY
6700 EAGLE STREET, VENTURA, CA 93003

REV:	DATE:	DESCRIPTION
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2	11/04/24	
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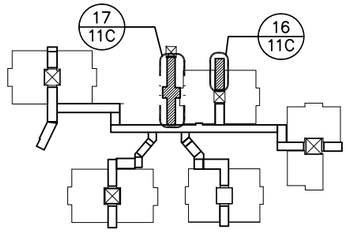
ARCHITECT: NA
DATE: 09/23/24 DWG BY: MEC CHK BY: MB
PM: AMANDA TANT
CUSTOMER: NA
AGENT: JASON MORONNOLTE

THE GARLAND COMPANY INC.
3800 EAST 91st STREET - CLEVELAND, OHIO 44105-2197
PHONE (800) 321-9336 / FAX (216) 641-0633

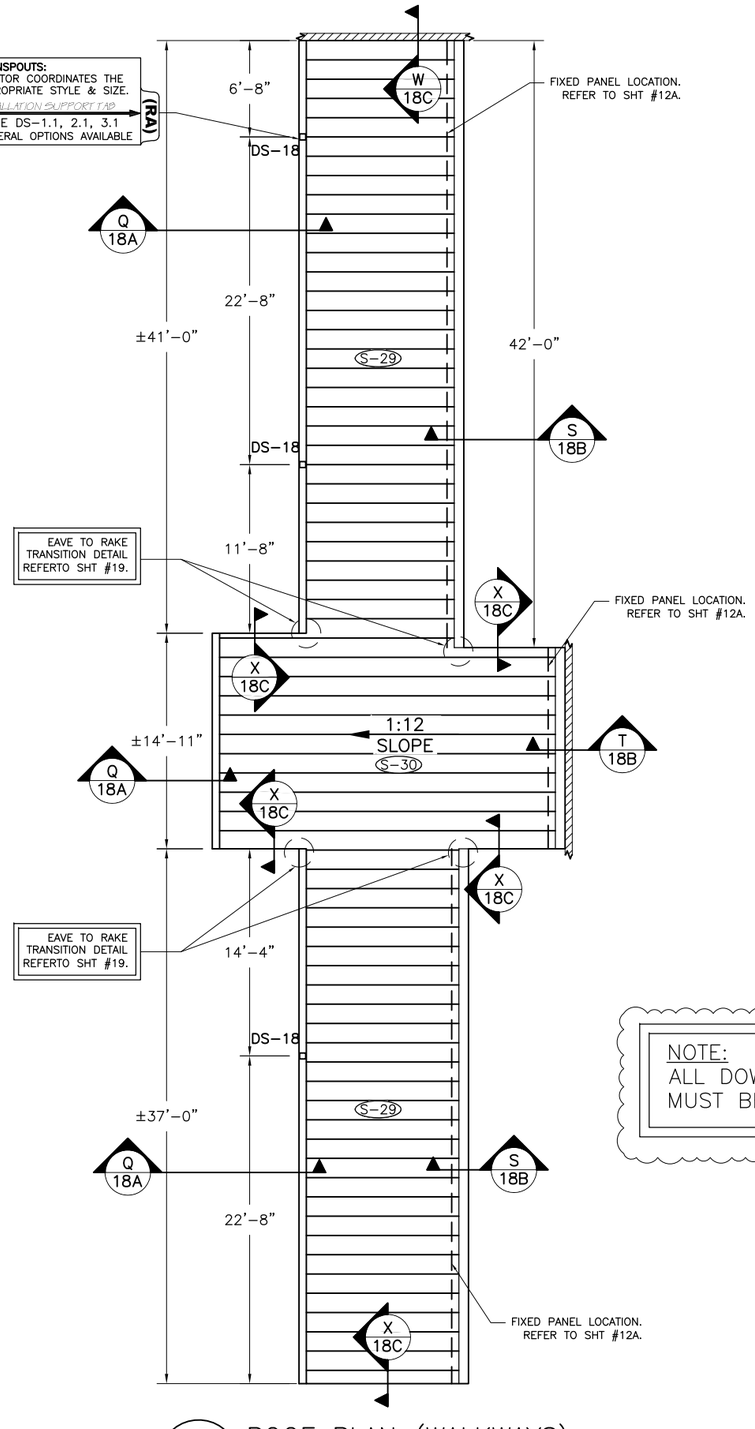
JOB NUMBER: 39779
SHEET: 11B OF 38



16/11C ROOF PLAN (WALKWAYS)
ARCH. REF. : NA



KEY PLAN



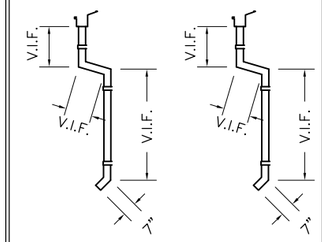
17/11C ROOF PLAN (WALKWAYS)
ARCH. REF. : NA

NOTE:
ALL DOWNSPOUT LOCATION
MUST BE FIELD VERIFIED.

ALL ROOF DIMENSIONS MUST BE FIELD VERIFIED

FOR REVIEW

DOWNSPOUT PROFILES:
*REFER TO **SECTION (RA)** FOR DOWNSPOUT & STRAP DATA.



PROFILE DS-17
NUMBER
OF CONDITIONS:01

PROFILE DS-18
NUMBER
OF CONDITIONS:03

TRIM LAP DETAILS:
ERECTOR TO COORDINATE WITH MANUFACTURER'S DETAILS.
INSTALLATION SUPPORT TAB
*REFER TO TRIM LAP DETAILS IN THIS SECTION.
(RA)

SMACNA GUIDELINES:
GARLAND RECOMMENDS FOLLOWING SMACNA GUIDELINES FOR THE SIZING AND LOCATION OF GUTTERS, DOWNSPOUTS, AND EXPANSION JOINTS.

ERECTOR NOTE:
ALL MATERIAL SUPPLIED IS 0.040" ALUMINUM.
ALL TRIM COMPONENTS ARE TO BE FABRICATED BY THE ERECTOR FROM FLAT SHEET SUPPLIED.

PANEL CLIP SPACING

PROVIDED BELOW ARE THE **MAXIMUM** ALLOWABLE ROOF PANEL CLIP SPACINGS.

ROOF PANEL CLIPS MAY BE INSTALLED CLOSER TOGETHER THAN THE ALLOWABLE O.C. MAXIMUMS IF JOB-SITE CONDITIONS REQUIRE. HOWEVER, PANEL CLIPS MUST **'NOT'** EXCEED THE MANUFACTURER'S PROVIDED O.C. MAXIMUMS.

ASCE 7-16 ASD COMPONENTS and CLADDING - METHOD 2

BASIC WIND SPEED: **104MPH** WIND IMPORTANCE FACTOR (I): **IV(1.15)**
WIND EXPOSURE: **C** INTERNAL PRESSURE COEFFICIENT: **±0.18 or ±0.55**

ZONE DESIGNATION:	ZONE TYPE:	DESCRIPTION:	ROOF PRESSURES:	CLIP SPACING:
	ZONE 1	(Field of Roof)	19.8 PSF	5'-0" o.c. MAX.
	ZONE 2	(Eave)	22.2 PSF	5'-0" o.c. MAX.
	ZONE 3	(Corners)	28.2 PSF	5'-0" o.c. MAX.
	ZONE 2'	(Head & Gable)	25.8 PSF	5'-0" o.c. MAX.
	ZONE 3'	(Head Edge)	37.8 PSF	5'-0" o.c. MAX.

FIXED PANEL CLIP LOCATIONS:

LINE TYPE:	DESCRIPTION:	EXPLANATION:
- - -	PANEL FIXED LOCATION	DESIGNATES A ROW OF **'FIXED'** PANEL CLIPS.

SUBSTRATE LENGTH SCHEDULE:

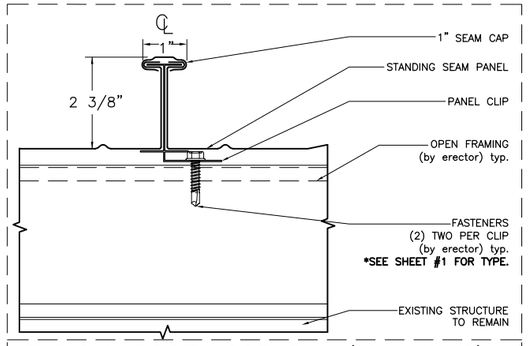
PROVIDED BELOW ARE **ESTIMATED SUBSTRATE LENGTHS (NOT PANEL LENGTHS).** AS PROVIDED TO GARLAND OR AS SCALED BY GARLAND FROM CONSTRUCTION DRAWINGS.

- THESE SUBSTRATE LENGTHS ARE PROVIDED FOR REVIEW AND **MUST** BE **FIELD VERIFIED**.
- ERECTOR MUST THEN REFERENCE THE APPROPRIATE DETAILS WITHIN THE SHOP DRAWINGS TO CALCULATE THE CORRECT ROOF PANEL LENGTHS REQUIRED. YOU MAY NOTE THESE CALCULATED PANEL LENGTHS IN THE SPACES PROVIDED BELOW.
- ERECTOR TO COORDINATE JOB SITE CONDITIONS WITH SHOP DRAWING DETAILS TO DETERMINE REQUIRED PANEL QUANTITIES AND LENGTHS. THIS ITEMIZED CUT IS TO BE FORWARDED TO GARLAND FOR MATERIAL RELEASE AND PRODUCTION.

DO NOT USE THE SUBSTRATE LENGTHS AS THE PANEL LENGTHS!

SUBSTRATE DESIGNATION:	SUBSTRATE LENGTH:	CALCULATE:	REQUIRED PANEL LENGTHS:
S-26	±12'-1"	NOTE: Use the shop drawing details to adjust the substrate length dimension to the panel length required.	=
S-29	±11'-0"		=
S-30	±24'-0"		=
- - -	- - - -		=
- - -	- - - -		=
- - -	- - - -		=
- - -	- - - -		=
- - -	- - - -		=

IMPORTANT READ:
THE ERECTOR HAS THE SOLE RESPONSIBILITY TO COORDINATE THE SHOP DRAWINGS WITH THE ACTUAL JOB SITE CONDITIONS TO DETERMINE AN ACCURATE AND ITEMIZED MATERIAL 'CUT LIST'. THIS IS CRUCIAL FOR MATERIAL RELEASE AND PANEL PRODUCTION.



TYPICAL ROOF ASSEMBLY (WALKWAYS)

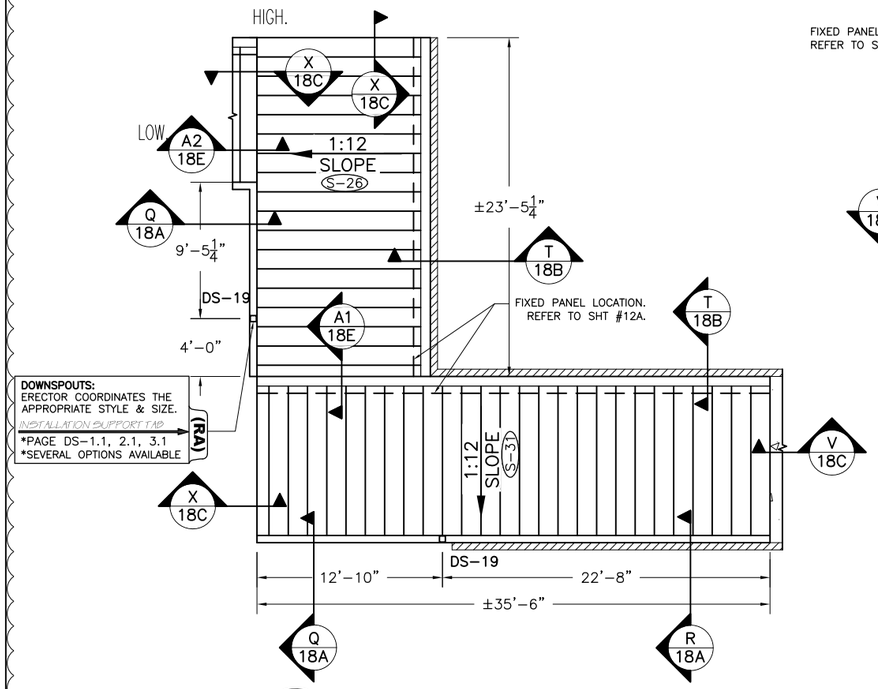
VENTURA UNIFIED SD- PORTOLA ELEMENTARY
6700 EAGLE STREET, VENTURA, CA 93003

ARCHITECT: NA | DWG BY: MEC | CHK BY: MB
DATE: 09/23/24 | PM: AMANDA TANT
CUSTOMER: NA
AGENT: JASON MORONNOLTE

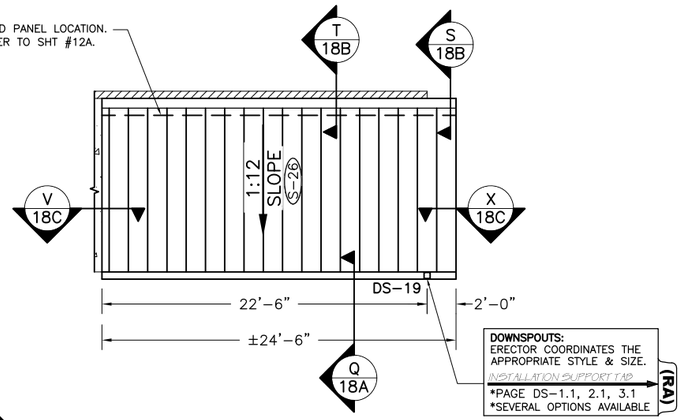
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2	11/04/24	
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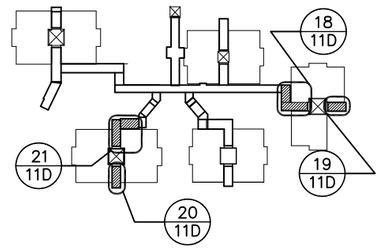
JOB NUMBER: 39779
SHEET: 11C OF 38



18 / 11D ROOF PLAN (WALKWAYS)
ARCH. REF. : NA

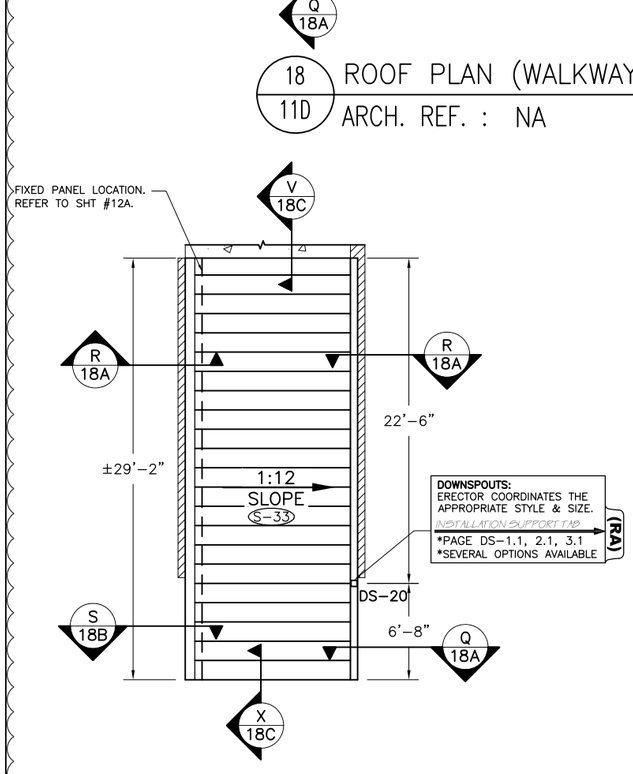


19 / 11D ROOF PLAN (WALKWAYS)
ARCH. REF. : NA

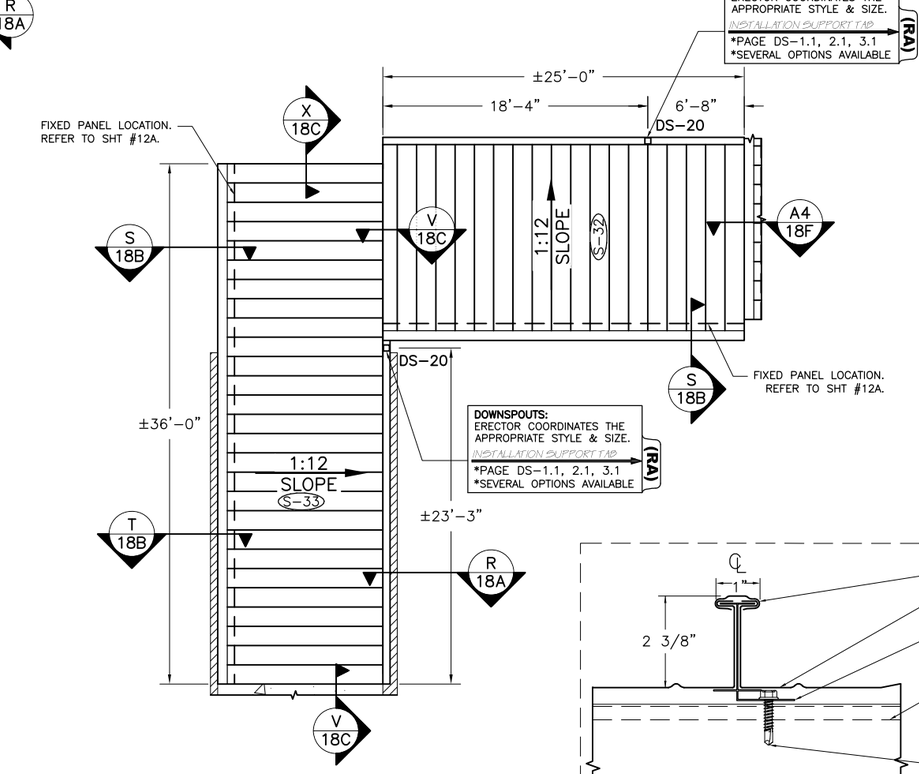


KEY PLAN

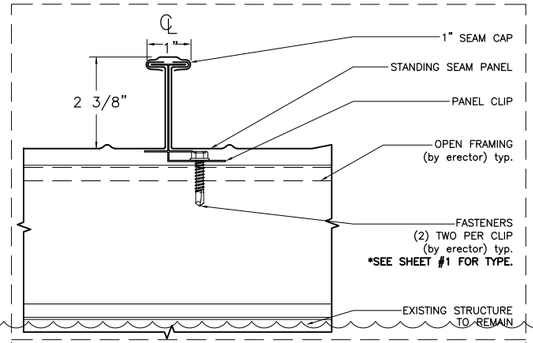
NOTE:
ALL DOWNSPOUT LOCATION MUST BE FIELD VERIFIED.



20 / 11D ROOF PLAN (WALKWAYS)
ARCH. REF. : NA



21 / 11D ROOF PLAN (WALKWAYS)
ARCH. REF. : NA



TYPICAL ROOF ASSEMBLY (WALKWAYS)

TRIM LAP DETAILS:
ERECTOR TO COORDINATE WITH MANUFACTURER'S DETAILS.
INSTALLATION SUPPORT TAB
*REFER TO TRIM LAP DETAILS IN THIS SECTION.
(RA)

SMACNA GUIDELINES:
GARLAND RECOMMENDS FOLLOWING SMACNA GUIDELINES FOR THE SIZING AND LOCATION OF GUTTERS, DOWNSPOUTS, AND EXPANSION JOINTS.

ERECTOR NOTE:
ALL MATERIAL SUPPLIED IS 0.040" ALUMINUM. ALL TRIM COMPONENTS ARE TO BE FABRICATED BY THE ERECTOR FROM FLAT SHEET SUPPLIED.

PANEL CLIP SPACING

PROVIDED BELOW ARE THE **MAXIMUM** ALLOWABLE ROOF PANEL CLIP SPACINGS.

ROOF PANEL CLIPS MAY BE INSTALLED CLOSER TOGETHER THAN THE ALLOWABLE O.C. MAXIMUMS IF JOB-SITE CONDITIONS REQUIRE. HOWEVER, PANEL CLIPS MUST **"NOT"** EXCEED THE MANUFACTURER'S PROVIDED O.C. MAXIMUMS.

ASCE 7-16 ASD COMPONENTS and CLADDING - METHOD 2

BASIC WIND SPEED: **104MPH** WIND IMPORTANCE FACTOR (I): **IV(1.15)**
WIND EXPOSURE: **C** INTERNAL PRESSURE COEFFICIENT: **±0.18 or ±0.55**

ZONE DESIGNATION:	ZONE TYPE:	DESCRIPTION:	ROOF PRESSURES:	CLIP SPACING:
	ZONE 1	(Field of Roof)	19.8 PSF	5'-0" o.c. MAX.
	ZONE 2	(Eave)	22.2 PSF	5'-0" o.c. MAX.
	ZONE 3	(Corners)	28.2 PSF	5'-0" o.c. MAX.
	ZONE 2'	(Head & Gable)	25.8 PSF	5'-0" o.c. MAX.
	ZONE 3'	(Head Edge)	37.8 PSF	5'-0" o.c. MAX.

FIXED PANEL CLIP LOCATIONS:

LINE TYPE:	DESCRIPTION:	EXPLANATION:
- - -	PANEL FIXED LOCATION	DESIGNATES A ROW OF "FIXED" PANEL CLIPS.

SUBSTRATE LENGTH SCHEDULE:

PROVIDED BELOW ARE **ESTIMATED SUBSTRATE LENGTHS (NOT PANEL LENGTHS).** AS PROVIDED TO GARLAND OR AS SCALED BY GARLAND FROM CONSTRUCTION DRAWINGS.

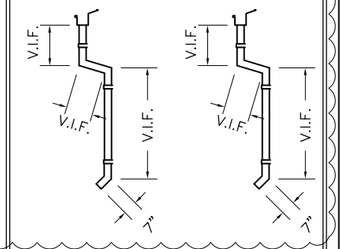
- THESE SUBSTRATE LENGTHS ARE PROVIDED FOR REVIEW AND **MUST** BE **FIELD VERIFIED**.
- ERECTOR MUST THEN REFERENCE THE APPROPRIATE DETAILS WITHIN THE SHOP DRAWINGS TO CALCULATE THE CORRECT ROOF PANEL LENGTHS REQUIRED. YOU MAY NOTE THESE CALCULATED PANEL LENGTHS IN THE SPACES PROVIDED BELOW.
- ERECTOR TO COORDINATE JOB SITE CONDITIONS WITH SHOP DRAWING DETAILS TO DETERMINE REQUIRED PANEL QUANTITIES AND LENGTHS. THIS ITEMIZED CUT IS TO BE FORWARDED TO GARLAND FOR MATERIAL RELEASE AND PRODUCTION.

DO NOT USE THE SUBSTRATE LENGTHS AS THE PANEL LENGTHS!

SUBSTRATE DESIGNATION:	SUBSTRATE LENGTH:	CALCULATE: NOTE: Use the shop drawing details to adjust the substrate length dimension to the panel length required.	REQUIRED PANEL LENGTHS:
S-26	±12'-1"		=
S-31	±11'-1"		=
S-32	±13'-8"		=
S-33	±11'-6"		=
	----		=
	----		=
	----		=
	----		=

IMPORTANT READ:
THE ERECTOR HAS THE SOLE RESPONSIBILITY TO COORDINATE THE SHOP DRAWINGS WITH THE ACTUAL JOB SITE CONDITIONS TO DETERMINE AN ACCURATE AND ITEMIZED MATERIAL 'CUT LIST'. THIS IS CRUCIAL FOR MATERIAL RELEASE AND PANEL PRODUCTION.

DOWNSPOUT PROFILES:
*REFER TO **SECTION (RA)** FOR DOWNSPOUT & STRAP DATA.



PROFILE DS-19 NUMBER OF CONDITIONS:03
PROFILE DS-20 NUMBER OF CONDITIONS:03

ALL ROOF DIMENSIONS MUST BE FIELD VERIFIED

FOR REVIEW

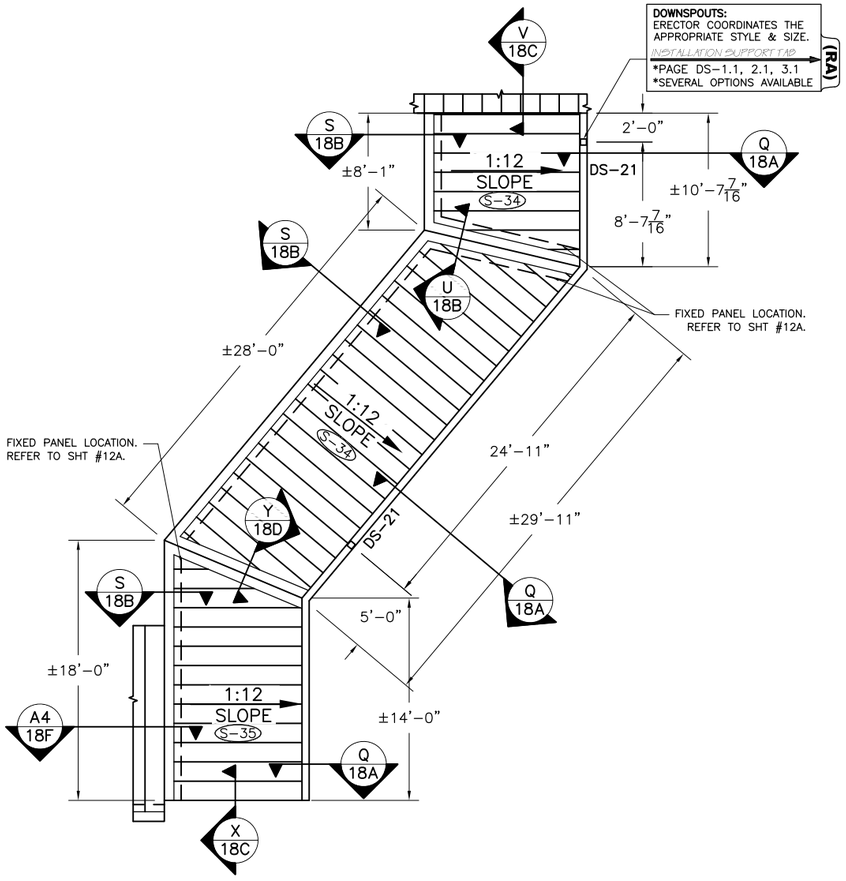
VENTURA UNIFIED SD- PORTOLA ELEMENTARY
6700 EAGLE STREET, VENTURA, CA 93003

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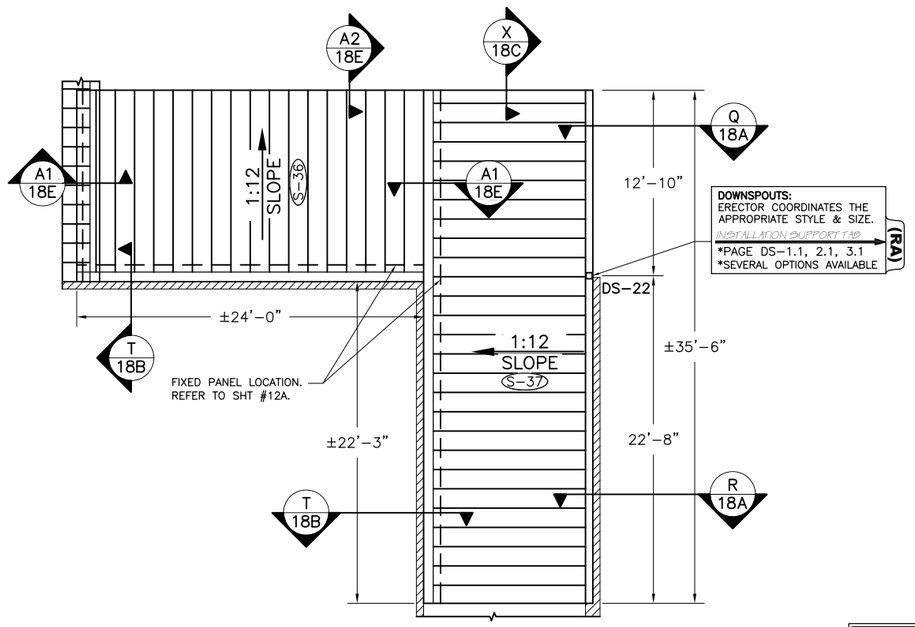
ARCHITECT: NA | DWG BY: MEC | CHK BY: MB
DATE: 09/23/24 | PM: AMANDA TANT
CUSTOMER: NA | AGENT: JASON MORONNOLTE

THE GARLAND COMPANY INC.
3800 EAST 91st STREET - CLEVELAND, OHIO 44105-2197
PHONE (800) 321-9336 / FAX (216) 641-0633

SHEET: 11D OF 38 | JOB NUMBER: 39779

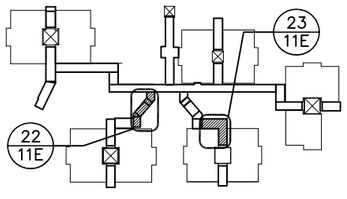


22 / 11E ROOF PLAN (WALKWAYS)
ARCH. REF. : NA

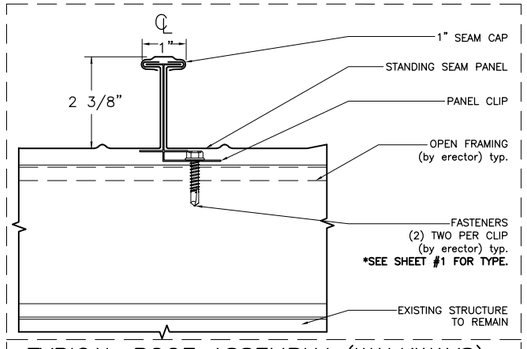


23 / 11E ROOF PLAN (WALKWAYS)
ARCH. REF. : NA

NOTE:
ALL DOWNSPOUT LOCATION MUST BE FIELD VERIFIED.



KEY PLAN



TYPICAL ROOF ASSEMBLY (WALKWAYS)

TRIM LAP DETAILS:
ERECTOR TO COORDINATE WITH MANUFACTURER'S DETAILS.
INSTALLATION SUPPORT TAB
*REFER TO TRIM LAP DETAILS IN THIS SECTION.
(RA)

SMACNA GUIDELINES:
GARLAND RECOMMENDS FOLLOWING SMACNA GUIDELINES FOR THE SIZING AND LOCATION OF GUTTERS, DOWNSPOUTS, AND EXPANSION JOINTS.

ERECTOR NOTE:
ALL MATERIAL SUPPLIED IS 0.040" ALUMINUM. ALL TRIM COMPONENTS ARE TO BE FABRICATED BY THE ERECTOR FROM FLAT SHEET SUPPLIED.

PANEL CLIP SPACING

PROVIDED BELOW ARE THE **MAXIMUM** ALLOWABLE ROOF PANEL CLIP SPACINGS.

ROOF PANEL CLIPS MAY BE INSTALLED CLOSER TOGETHER THAN THE ALLOWABLE O.C. MAXIMUMS IF JOB-SITE CONDITIONS REQUIRE. HOWEVER, PANEL CLIPS MUST **"NOT"** EXCEED THE MANUFACTURER'S PROVIDED O.C. MAXIMUMS.

ASCE 7-16 ASD COMPONENTS and CLADDING - METHOD 2

BASIC WIND SPEED: **104MPH** WIND IMPORTANCE FACTOR (I): **IV(1.15)**
WIND EXPOSURE: **C** INTERNAL PRESSURE COEFFICIENT: **±0.18 or ±0.55**

ZONE DESIGNATION:	ZONE TYPE:	DESCRIPTION:	ROOF PRESSURES:	CLIP SPACING:
	ZONE 1	(Field of Roof)	19.8 PSF	5'-0" o.c. MAX.
	ZONE 2	(Eave)	22.2 PSF	5'-0" o.c. MAX.
	ZONE 3	(Corners)	28.2 PSF	5'-0" o.c. MAX.
	ZONE 2'	(Head & Gable)	25.8 PSF	5'-0" o.c. MAX.
	ZONE 3'	(Head Edge)	37.8 PSF	5'-0" o.c. MAX.

FIXED PANEL CLIP LOCATIONS:

LINE TYPE:	DESCRIPTION:	EXPLANATION:
– – –	PANEL FIXED LOCATION	DESIGNATES A ROW OF "FIXED" PANEL CLIPS.

SUBSTRATE LENGTH SCHEDULE:

PROVIDED BELOW ARE **ESTIMATED SUBSTRATE LENGTHS (NOT PANEL LENGTHS).** AS PROVIDED TO GARLAND OR AS SCALED BY GARLAND FROM CONSTRUCTION DRAWINGS.

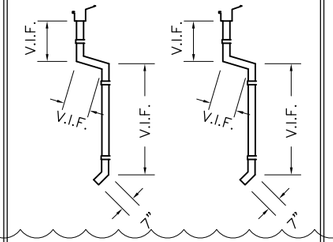
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- ERECTOR MUST THEN REFERENCE THE APPROPRIATE DETAILS WITHIN THE SHOP DRAWINGS TO CALCULATE THE CORRECT ROOF PANEL LENGTHS REQUIRED. YOU MAY NOTE THESE CALCULATED PANEL LENGTHS IN THE SPACES PROVIDED BELOW.
- ERECTOR TO COORDINATE JOB SITE CONDITIONS WITH SHOP DRAWING DETAILS TO DETERMINE REQUIRED PANEL QUANTITIES AND LENGTHS. THIS ITEMIZED CUT IS TO BE FORWARDED TO GARLAND FOR MATERIAL RELEASE AND PRODUCTION.

DO NOT USE THE SUBSTRATE LENGTHS AS THE PANEL LENGTHS!

SUBSTRATE DESIGNATION:	SUBSTRATE LENGTH:	CALCULATE: NOTE: Use the shop drawing details to adjust the substrate length dimension to the panel length required.	REQUIRED PANEL LENGTHS:
S-34	±10'-10"		=
S-35	±9'-7"		=
S-36	±13'-4"		=
S-37	±11'-3"		=
– – –	– – – –		=
– – –	– – – –		=
– – –	– – – –		=
– – –	– – – –		=

IMPORTANT READ:
THE ERECTOR HAS THE SOLE RESPONSIBILITY TO COORDINATE THE SHOP DRAWINGS WITH THE ACTUAL JOB SITE CONDITIONS TO DETERMINE AN ACCURATE AND ITEMIZED MATERIAL 'CUT LIST'. THIS IS CRUCIAL FOR MATERIAL RELEASE AND PANEL PRODUCTION.

DOWNSPOUT PROFILES:
*REFER TO **SECTION (RA)** FOR DOWNSPOUT & STRAP DATA.



PROFILE DS-21
NUMBER OF CONDITIONS:02

PROFILE DS-23
NUMBER OF CONDITIONS:01

ALL ROOF DIMENSIONS MUST BE FIELD VERIFIED

FOR REVIEW

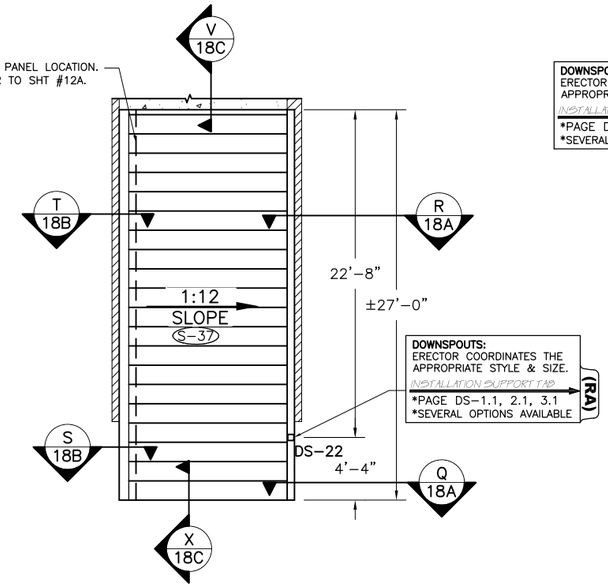
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AGENT: JASON MORONNOLTE

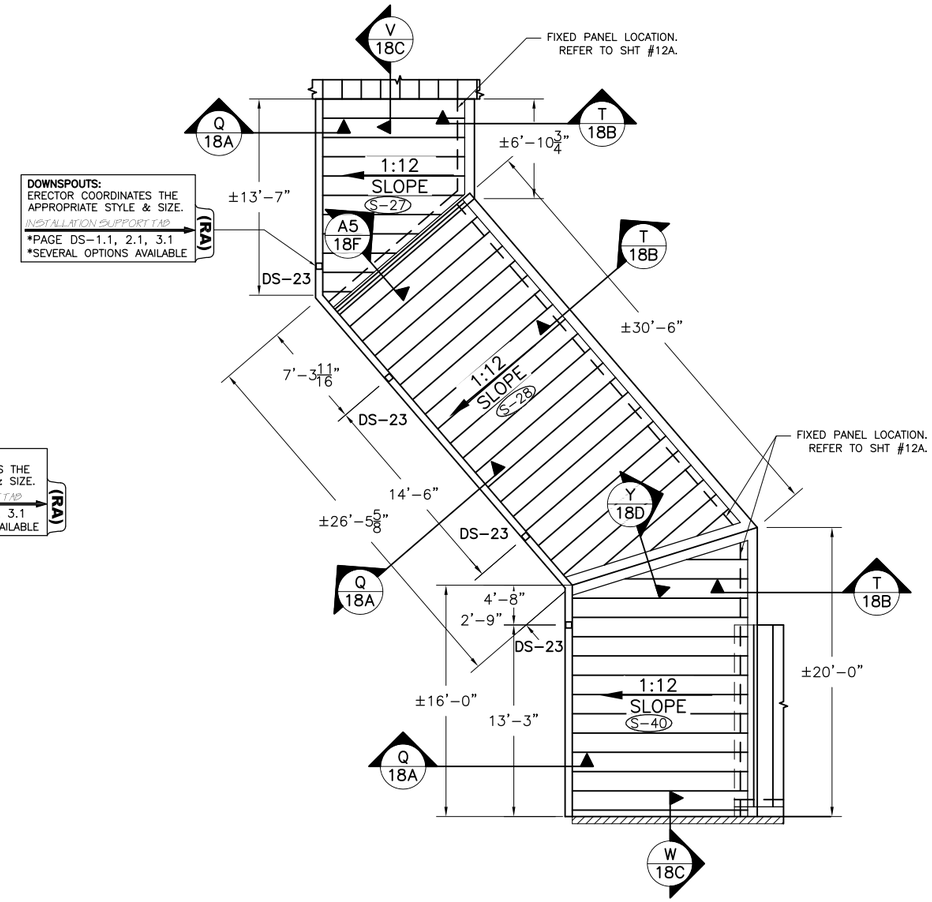
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1	11/04/24
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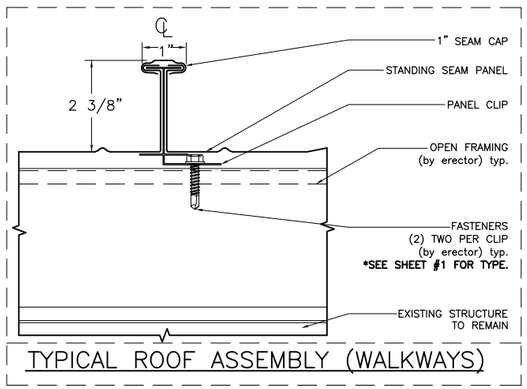
JOB NUMBER: 39779
SHEET: 11E OF 38



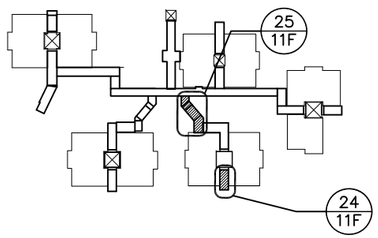
24/11F ROOF PLAN (WALKWAYS)
ARCH. REF. : NA



25/11F ROOF PLAN (WALKWAYS)
ARCH. REF. : NA



TYPICAL ROOF ASSEMBLY (WALKWAYS)



KEY PLAN

NOTE:
ALL DOWNSPOUT LOCATION MUST BE FIELD VERIFIED.

TRIM LAP DETAILS:
ERECTOR TO COORDINATE WITH MANUFACTURER'S DETAILS.
INSTALLATION SUPPORT TAB
*REFER TO TRIM LAP DETAILS IN THIS SECTION.
(RA)

SMACNA GUIDELINES:
GARLAND RECOMMENDS FOLLOWING SMACNA GUIDELINES FOR THE SIZING AND LOCATION OF GUTTERS, DOWNSPOUTS, AND EXPANSION JOINTS.

ERECTOR NOTE:
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ALL TRIM COMPONENTS ARE TO BE FABRICATED BY THE ERECTOR FROM FLAT SHEET SUPPLIED.

PANEL CLIP SPACING

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ROOF PANEL CLIPS MAY BE INSTALLED CLOSER TOGETHER THAN THE ALLOWABLE O.C. MAXIMUMS IF JOB-SITE CONDITIONS REQUIRE. HOWEVER, PANEL CLIPS MUST **"NOT"** EXCEED THE MANUFACTURER'S PROVIDED O.C. MAXIMUMS.

ASCE 7-16 ASD COMPONENTS and CLADDING - METHOD 2

BASIC WIND SPEED: **104MPH** WIND IMPORTANCE FACTOR (I): **IV(1.15)**
WIND EXPOSURE: **C** INTERNAL PRESSURE COEFFICIENT: **±0.18 or ±0.55**

ZONE DESIGNATION:	ZONE TYPE:	DESCRIPTION:	ROOF PRESSURES:	CLIP SPACING:
	ZONE 1	(Field of Roof)	19.8 PSF	5'-0" o.c. MAX.
	ZONE 2	(Eave)	22.2 PSF	5'-0" o.c. MAX.
	ZONE 3	(Corners)	28.2 PSF	5'-0" o.c. MAX.
	ZONE 2'	(Head & Gable)	25.8 PSF	5'-0" o.c. MAX.
	ZONE 3'	(Head Edge)	37.8 PSF	5'-0" o.c. MAX.

FIXED PANEL CLIP LOCATIONS:

LINE TYPE:	DESCRIPTION:	EXPLANATION:
- - -	PANEL FIXED LOCATION	DESIGNATES A ROW OF **"FIXED"** PANEL CLIPS.

SUBSTRATE LENGTH SCHEDULE:

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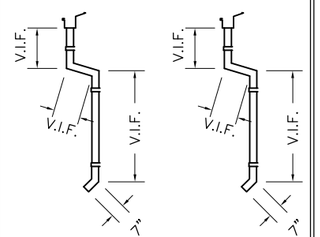
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- ERECTOR TO COORDINATE JOB SITE CONDITIONS WITH SHOP DRAWING DETAILS TO DETERMINE REQUIRED PANEL QUANTITIES AND LENGTHS. THIS ITEMIZED CUT IS TO BE FORWARDED TO GARLAND FOR MATERIAL RELEASE AND PRODUCTION.

DO NOT USE THE SUBSTRATE LENGTHS AS THE PANEL LENGTHS!

SUBSTRATE DESIGNATION:	SUBSTRATE LENGTH:	CALCULATE: REQUIRED PANEL LENGTHS:
S-27	±10'-1"	NOTE: Use the shop drawing details to adjust the substrate length dimension to the panel length required. =
S-37	±13'-4"	=
S-28	±12'-5"	=
S-40	±12'-11"	=
- - -	- - - -	=
- - -	- - - -	=
- - -	- - - -	=
- - -	- - - -	=

IMPORTANT READ:
THE ERECTOR HAS THE SOLE RESPONSIBILITY TO COORDINATE THE SHOP DRAWINGS WITH THE ACTUAL JOB SITE CONDITIONS TO DETERMINE AN ACCURATE AND ITEMIZED MATERIAL 'CUT LIST'. THIS IS CRUCIAL FOR MATERIAL RELEASE AND PANEL PRODUCTION.

DOWNSPOUT PROFILES:
*REFER TO **SECTION (RA)** FOR DOWNSPOUT & STRAP DATA.



PROFILE: DS-22 NUMBER OF CONDITIONS:01
PROFILE: DS-23 NUMBER OF CONDITIONS:04

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REV:	DATE:	CUSTOMER: NA
1	10/02/24	
2	11/04/24	
	--/--/--	AGENT: JASON MORONNOLTE
	--/--/--	

ARCHITECT: NA | DWG BY: MEC | CHK BY: MB
DATE: 09/23/24 | PM: AMANDA TANT | LTE

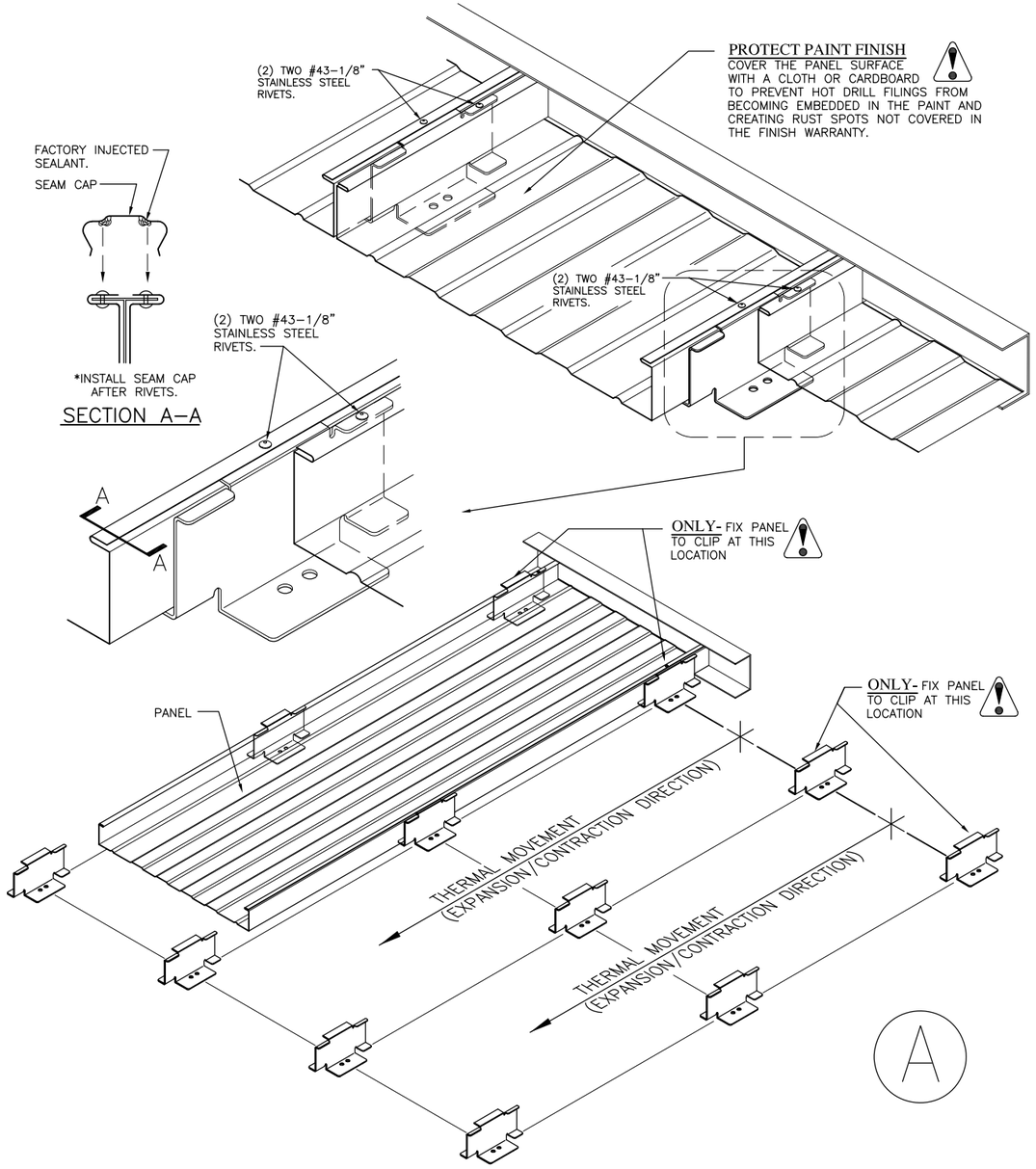
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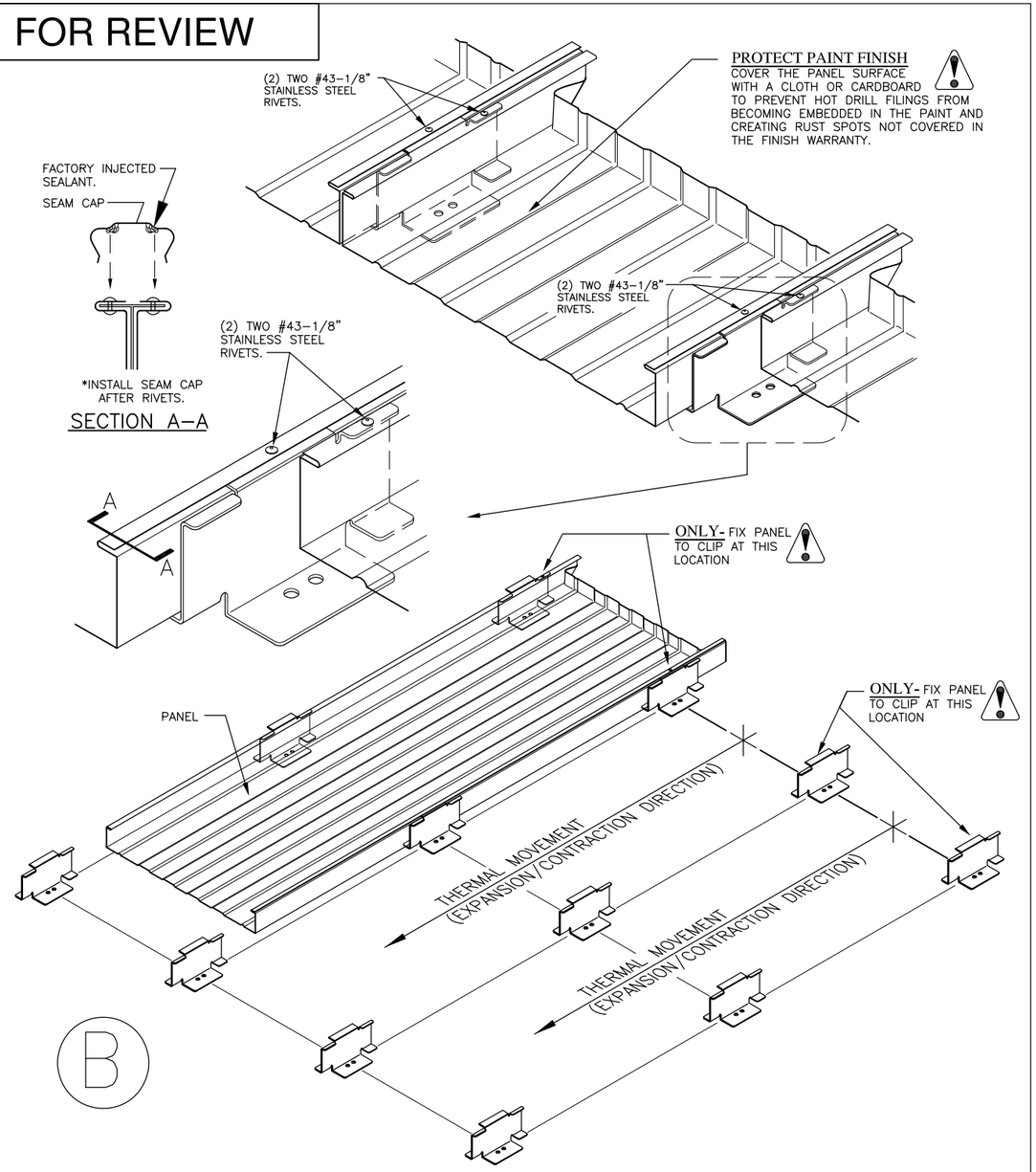
JOB NUMBER: 39779
SHEET: 11F OF 38

ALL ROOF DIMENSIONS MUST BE FIELD VERIFIED

FOR REVIEW

FOR REVIEW





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.

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2-Rivet Fixed Panel Detail

SEE ROOF PLAN FOR CORRECT PLACEMENT OF THE PANEL'S FIXED LOCATIONS.

IF THIS IS UNCLEAR IN ANY MANNER, DO NOT INSTALL PANELS AND CONTACT THE MANUFACTURER OR MANUFACTURER'S REPRESENTATIVE FOR CLARIFICATIONS.

2-Rivet Fixed Panel Detail

SEE ROOF PLAN FOR CORRECT PLACEMENT OF THE PANEL'S FIXED LOCATIONS.

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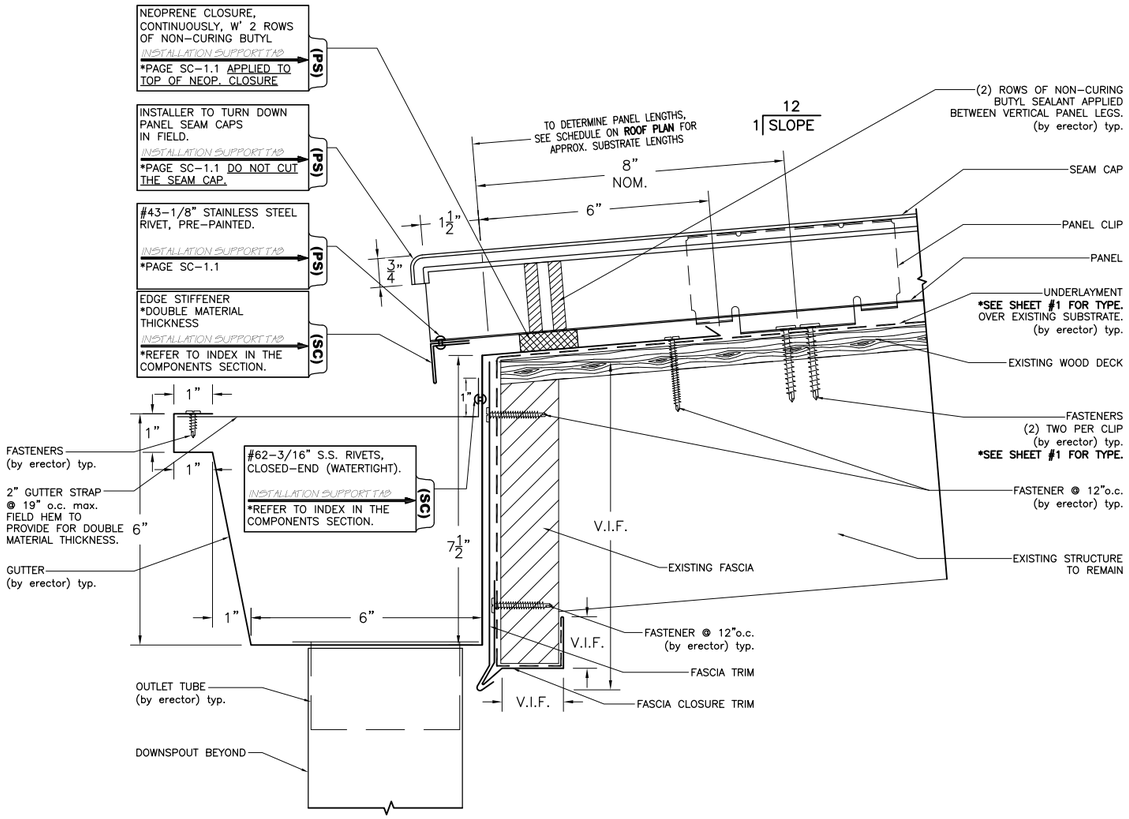
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DATE: 09/23/24 | PM: AMANDA TANT

CUSTOMER: NA
AGENT: JASON MORONNOLTE

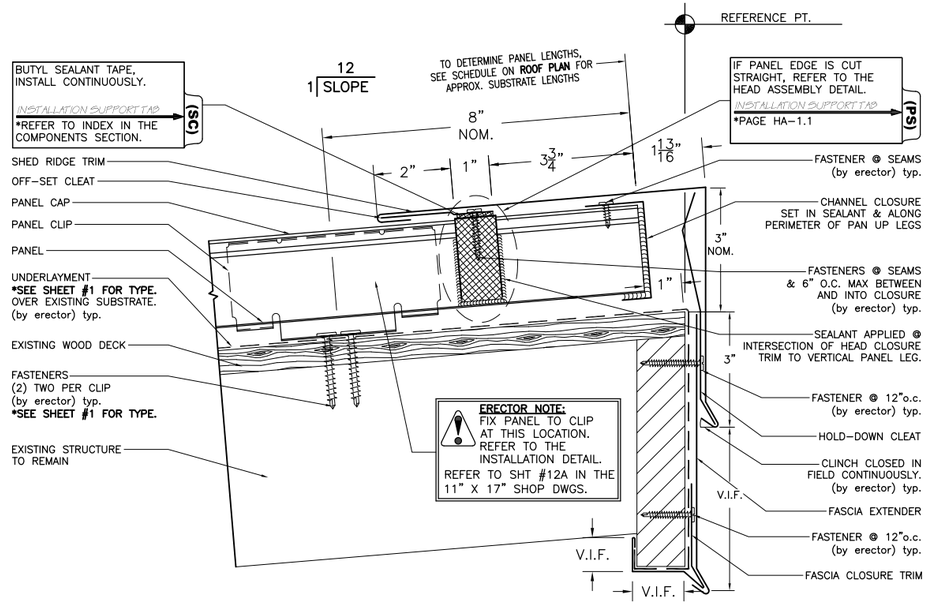
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JOB NUMBER: 39779
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A / 13 EXPANDING EAVE WITH GUTTER
ARCH. REF. : NA



B / 13 FIXED SHED RIDGE DETAIL
ARCH. REF. : NA

FOR REVIEW

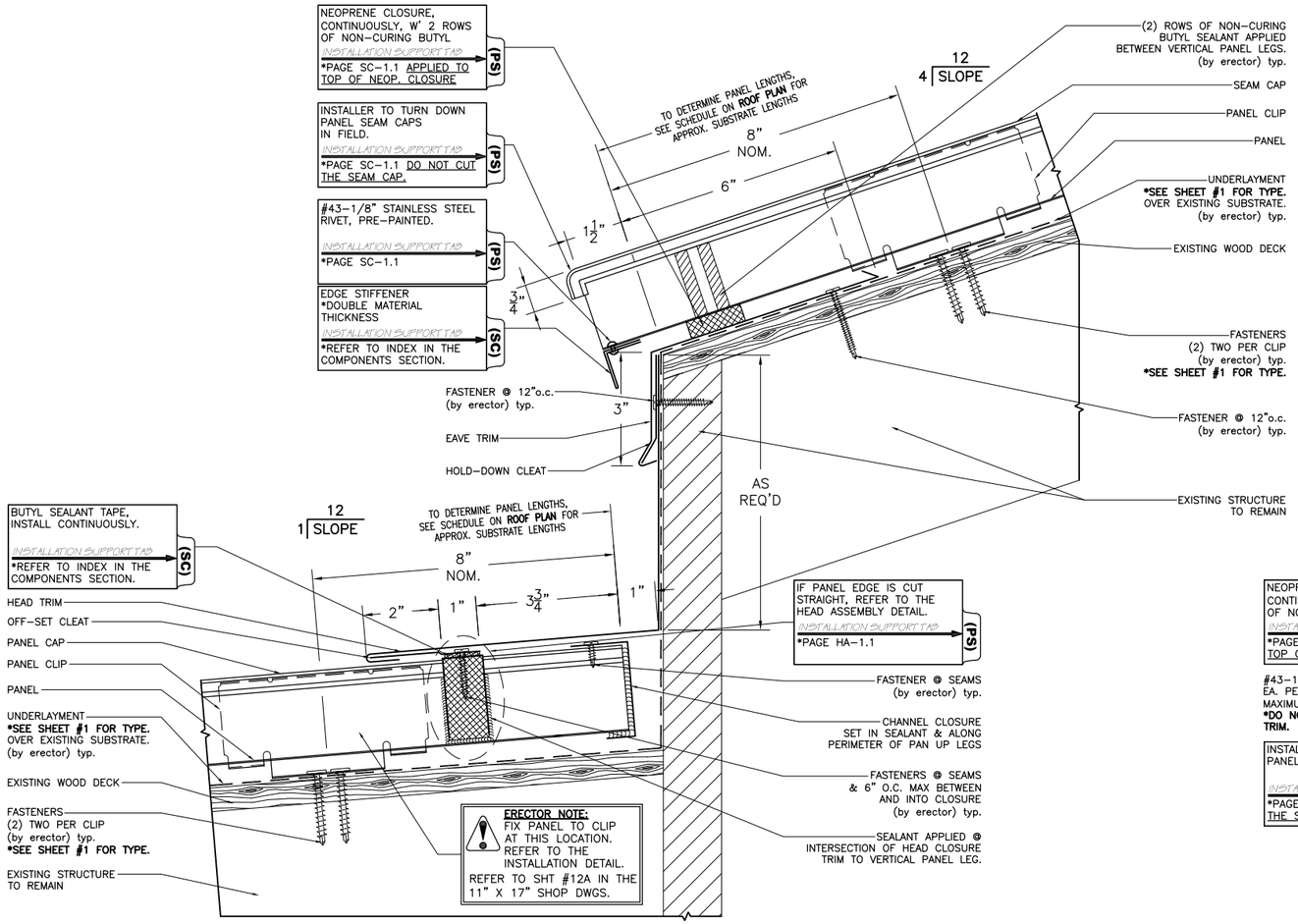
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6700 EAGLE STREET, VENTURA, CA 93003

ARCHITECT: NA | DWG BY: MEC | CHK BY: MB
PM: AMANDA TANT | DATE: 09/23/24
CUSTOMER: NA
AGENT: JASON MORONNOLTE

REV:	DATE:
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2	11/04/24
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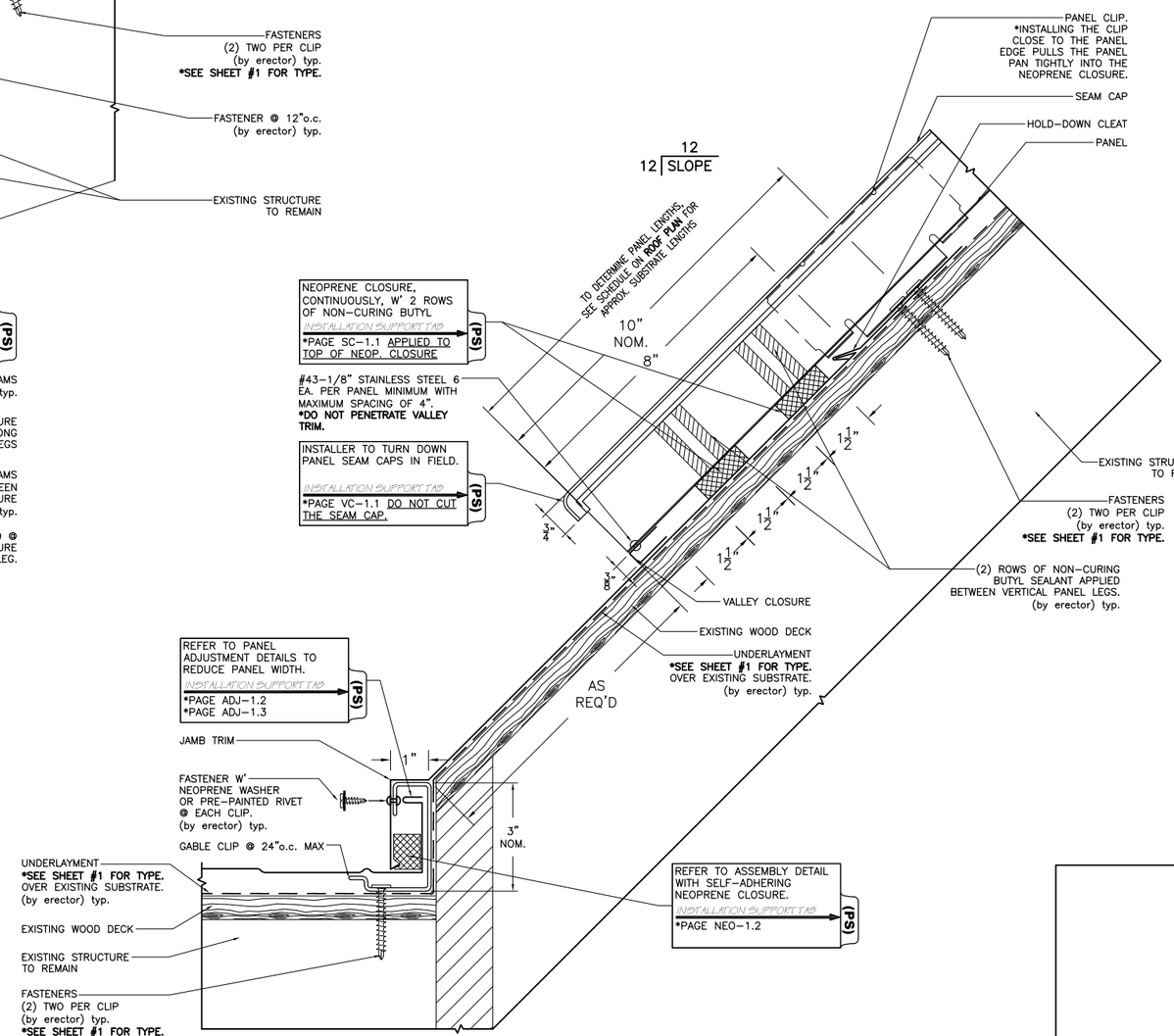
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C / 14 EXPANDING EAVE TO FIXED HEAD DETAIL

ARCH. REF. : NA



D / 14 EAVE TO JAMB TRANSITION DETAIL

ARCH. REF. : NA

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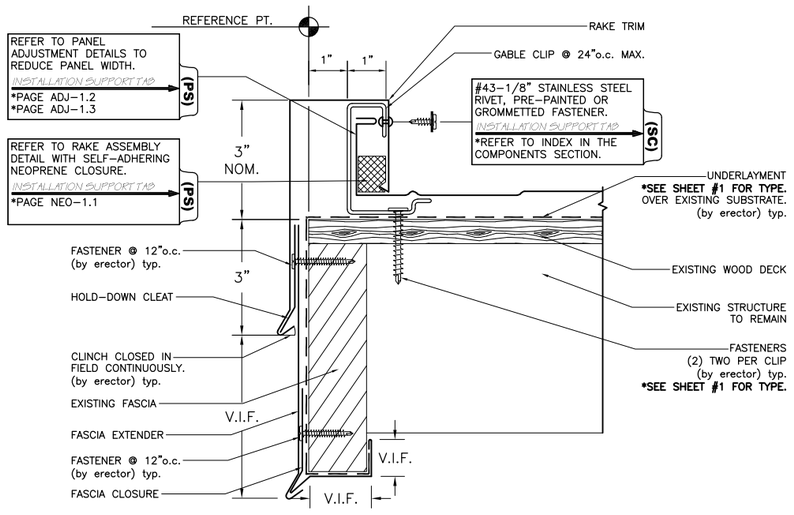
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CUSTOMER: NA
AGENT: JASON MORONNOLTE

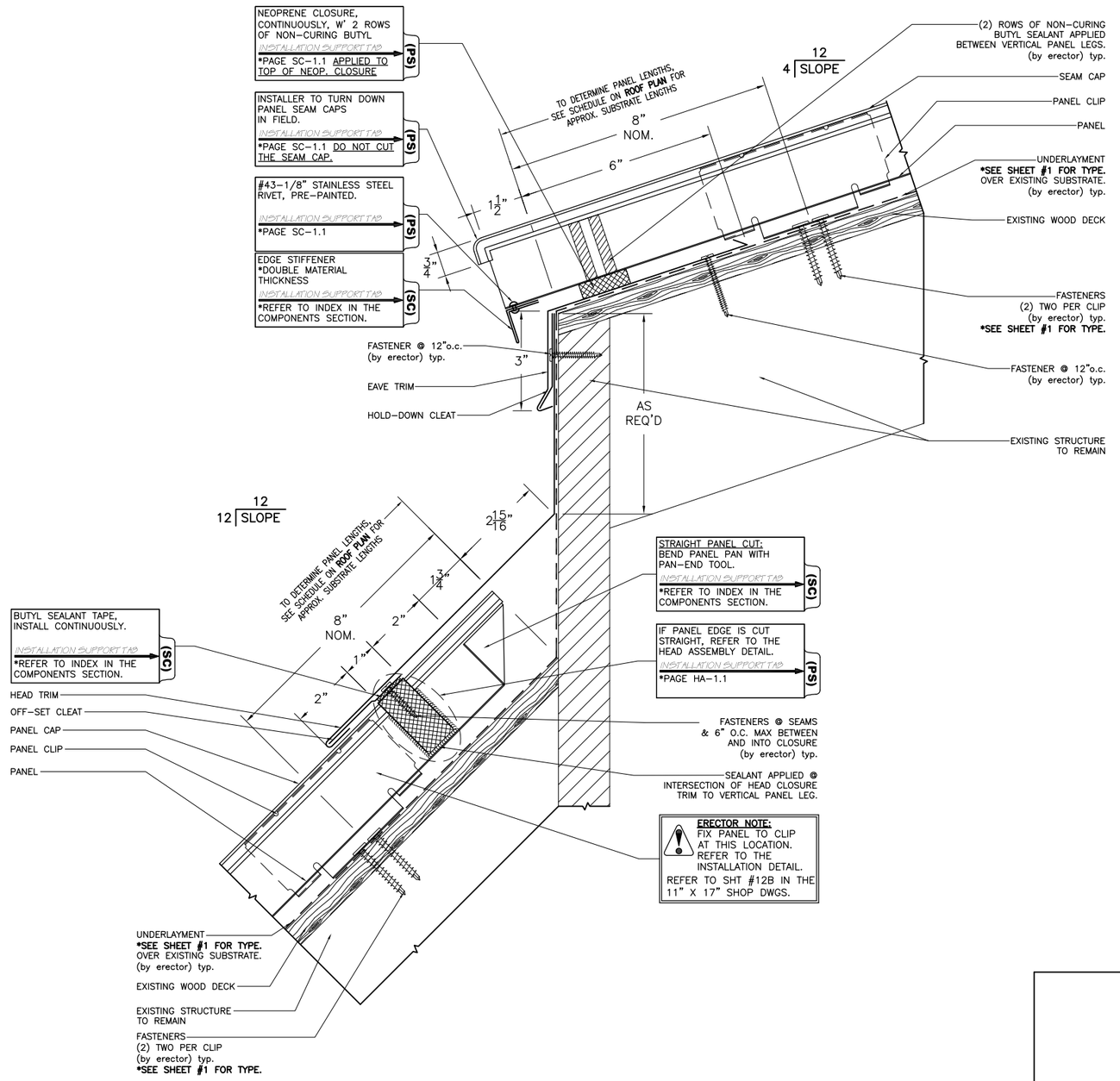
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JOB NUMBER: 39779
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E / 15 RAKE DETAIL
ARCH. REF. : NA



F / 15 EXPANDING EAVE TO FIXED HEAD DETAIL
ARCH. REF. : NA

FOR REVIEW

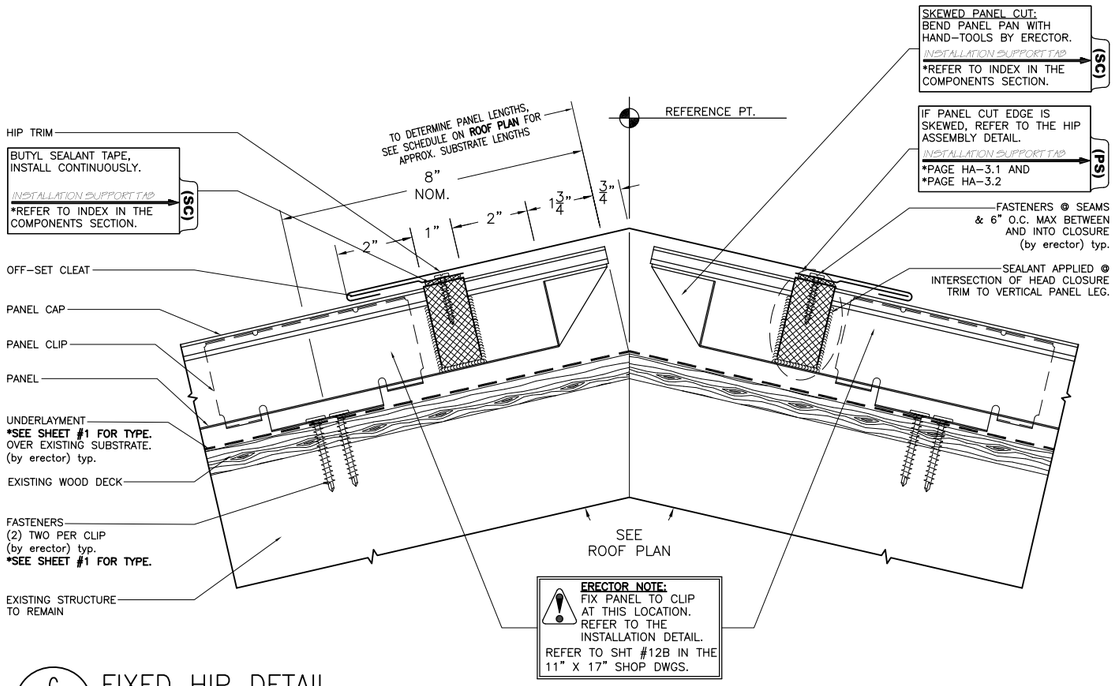
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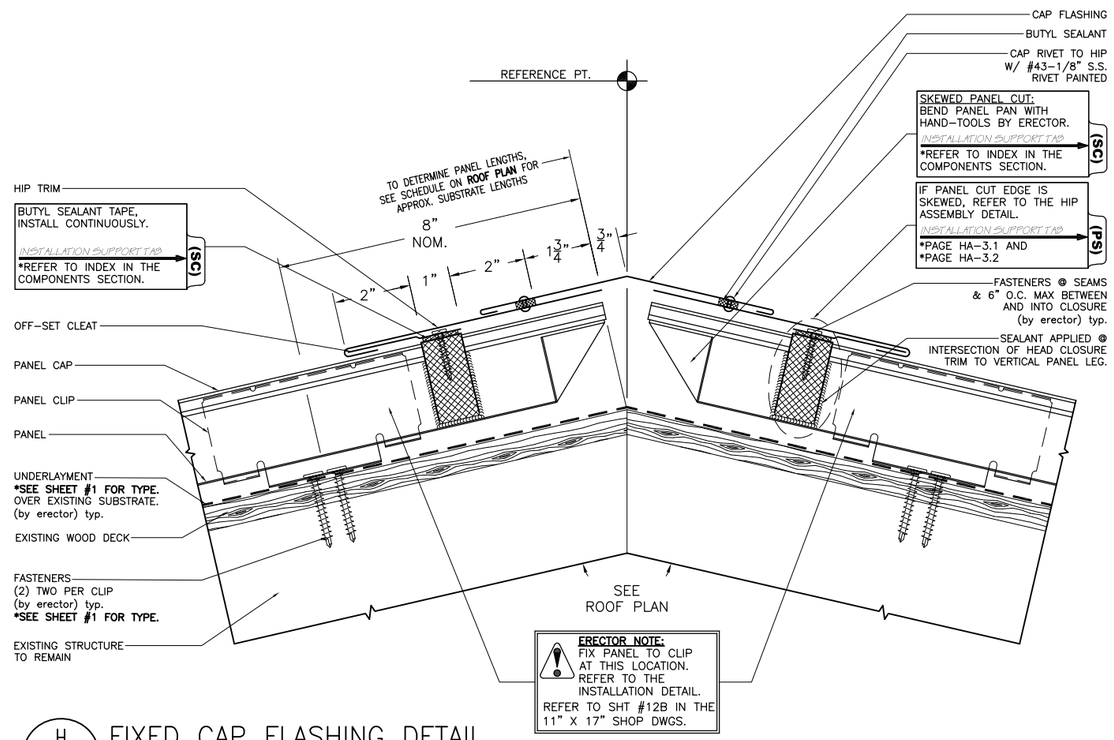
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2	11/04/24	
1	--/--/--	CUSTOMER: NA
1	--/--/--	AGENT: JASON MORONNOLTE

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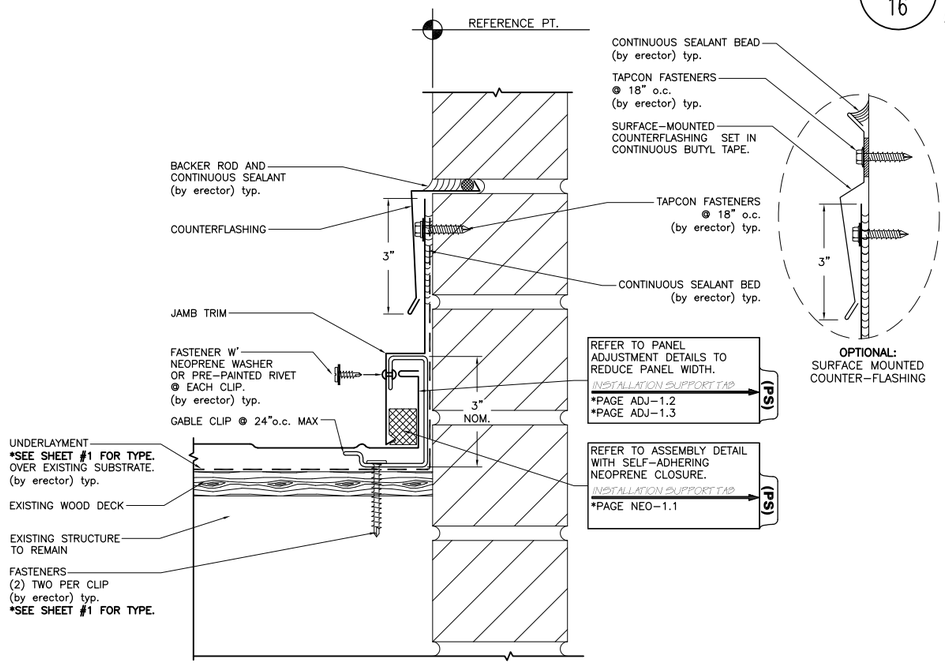
JOB NUMBER: 39779
SHEET: 15 OF 38



G / 16 FIXED HIP DETAIL
ARCH. REF. : NA



H / 16 FIXED CAP FLASHING DETAIL
ARCH. REF. : NA



J / 16 SLOPING JAMB DETAIL
ARCH. REF. : NA

FOR REVIEW

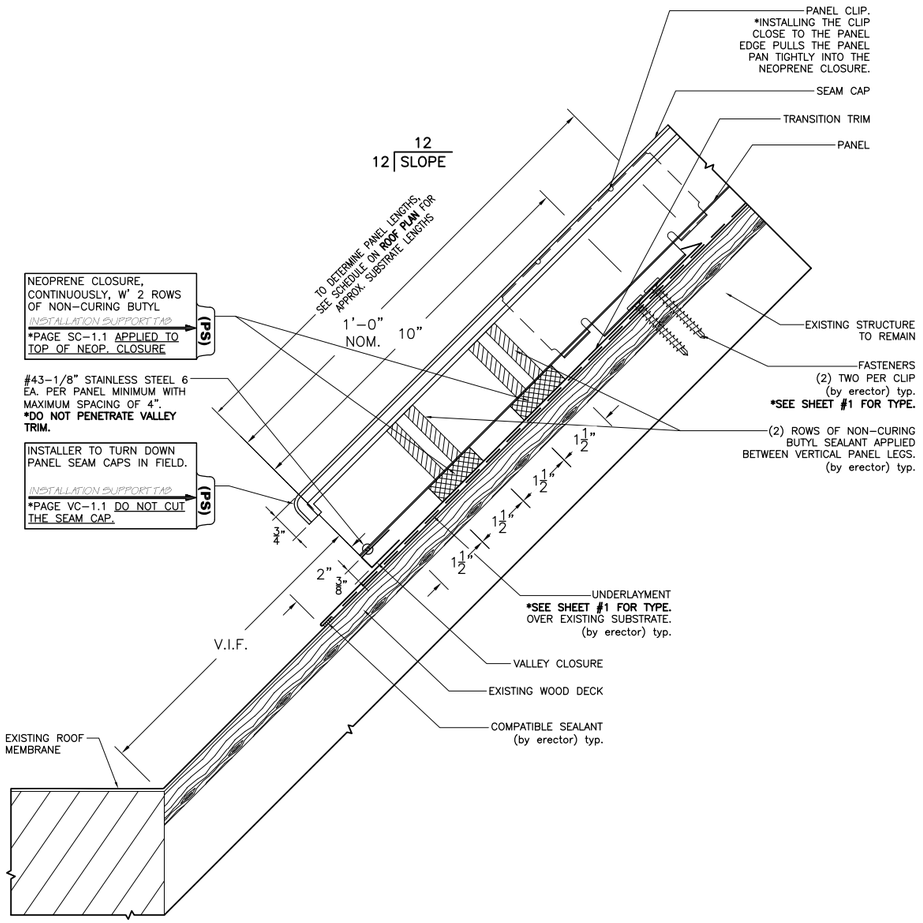
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ARCHITECT: NA | DWG BY: MEC | CHK BY: MB
PM: AMANDA TANT | DATE: 09/23/24

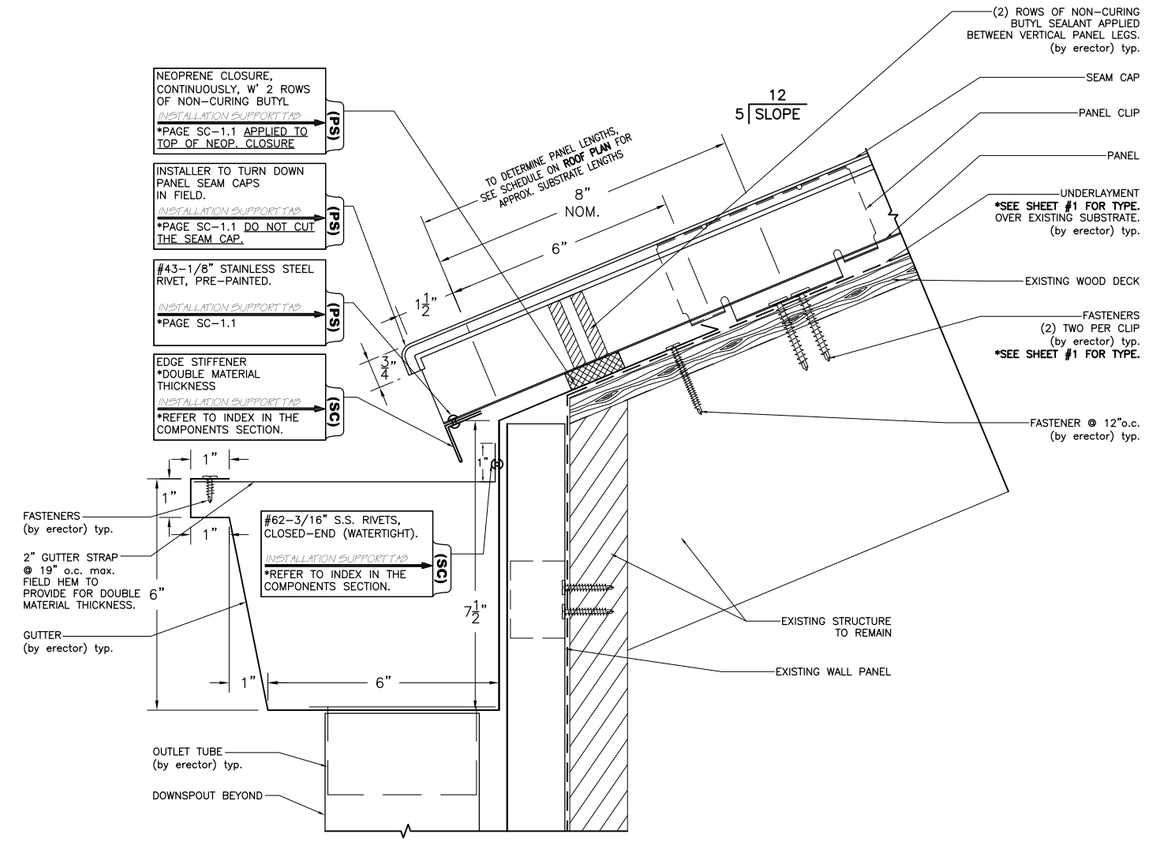
REV:	DATE:	CUSTOMER: NA	AGENT: JASON MORONNOLTE
1	10/02/24		
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JOB NUMBER: 39779
SHEET: 16 OF 38



K / 17 EXPANDING PANEL TO BUR DETAIL
ARCH. REF. : NA



L / 17 EXPANDING EAVE WITH GUTTER
ARCH. REF. : NA

FOR REVIEW

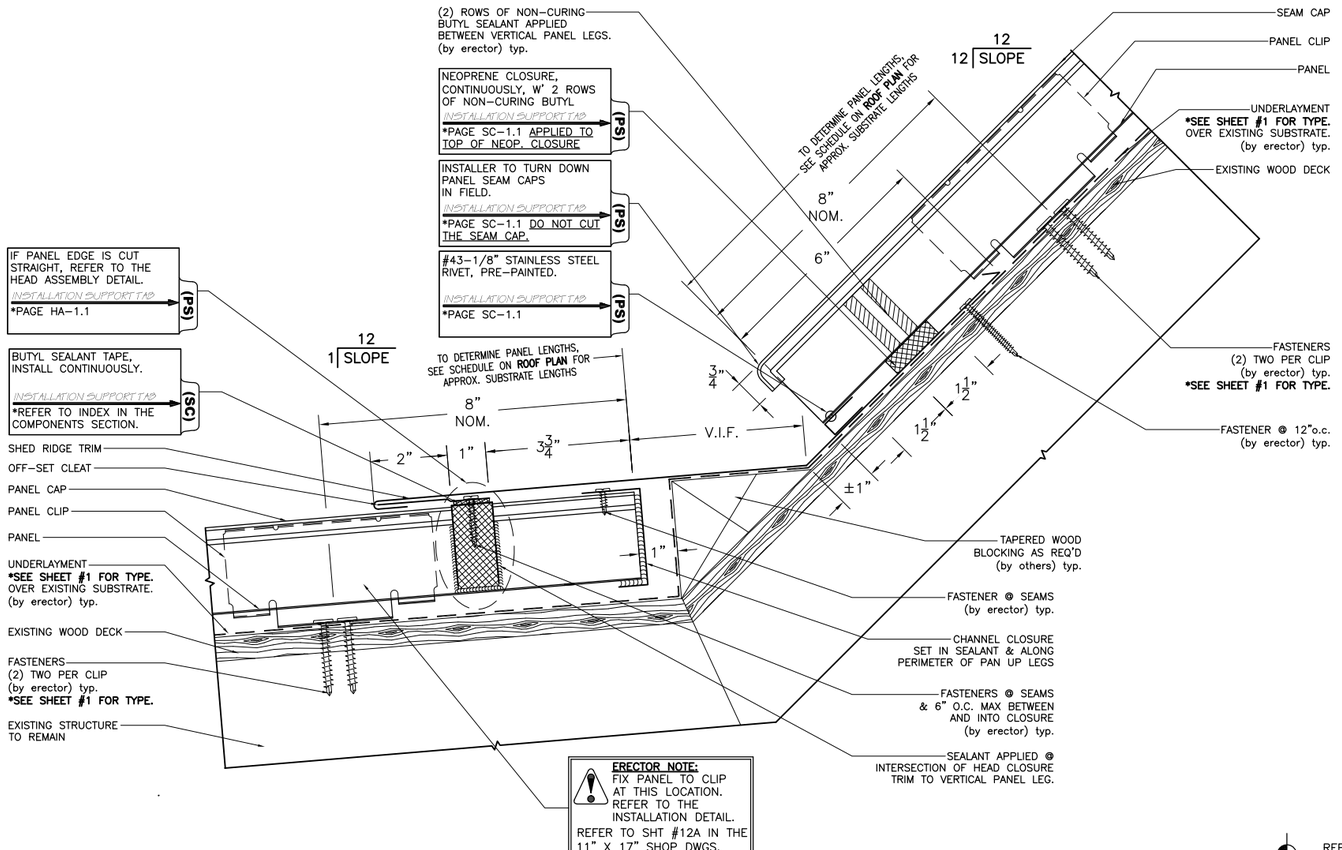
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CUSTOMER: NA
AGENT: JASON MORONNOLTE

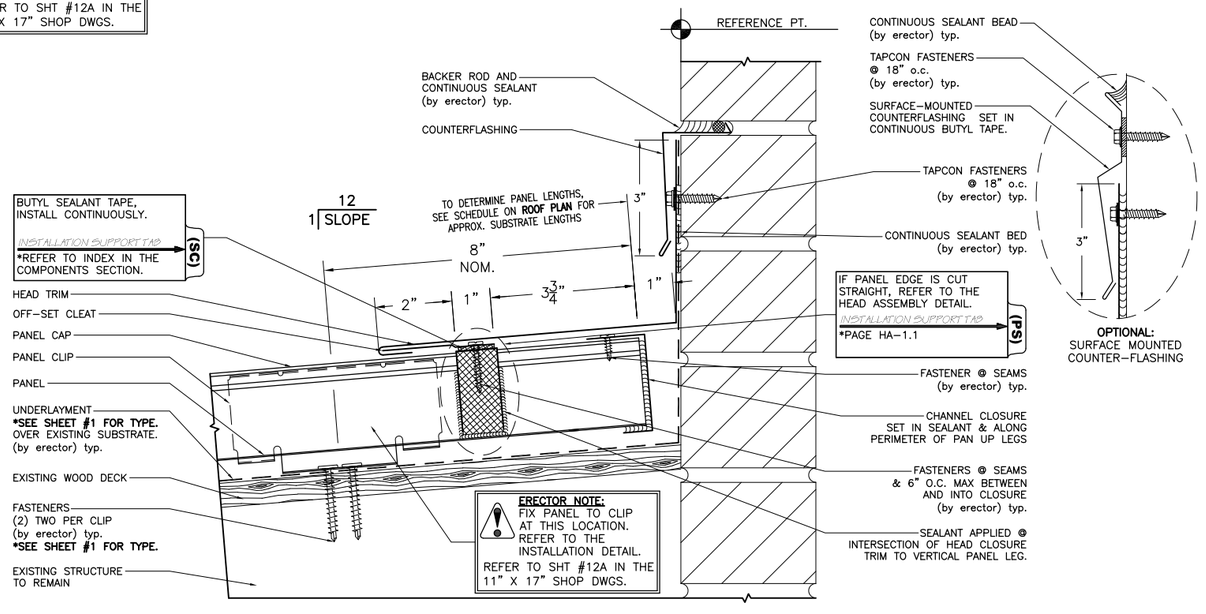
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SHEET: 17 OF 38 | JOB NUMBER: 39779



M
18
SLOPE TRANSITION DETAIL
ARCH. REF. : NA



N
18
FIXED HEAD DETAIL
ARCH. REF. : NA

FOR REVIEW

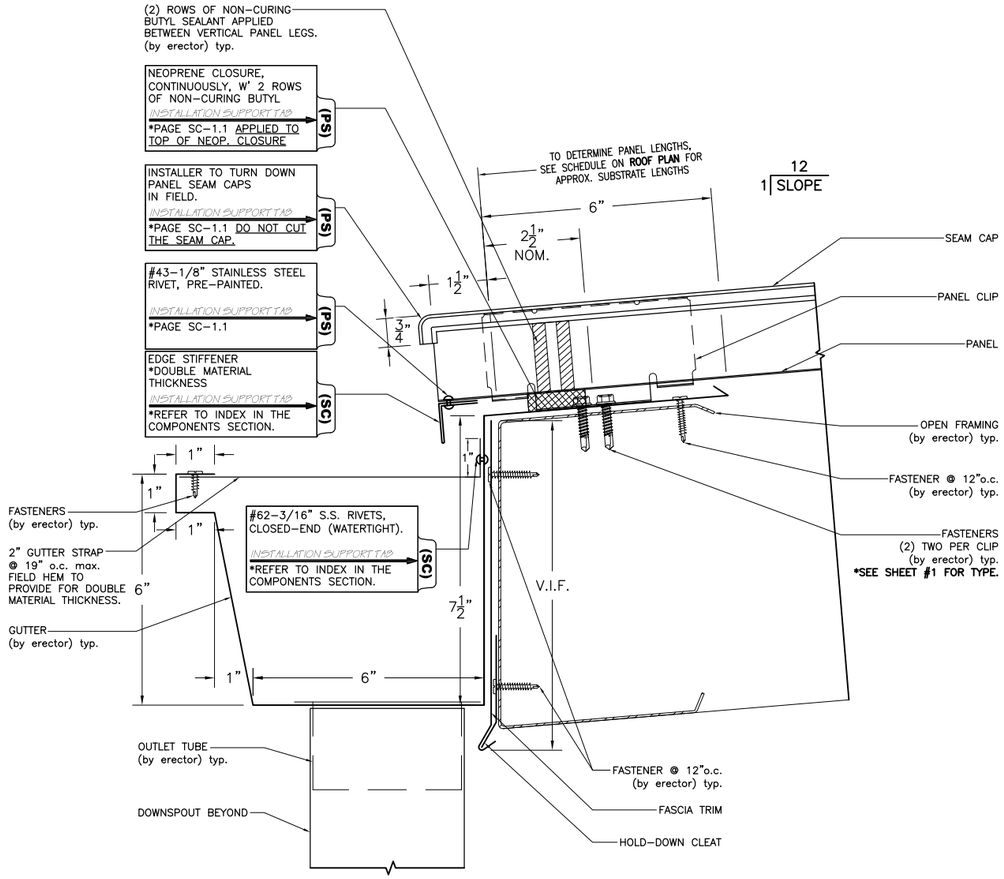
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AGENT: JASON MORONNOLTE

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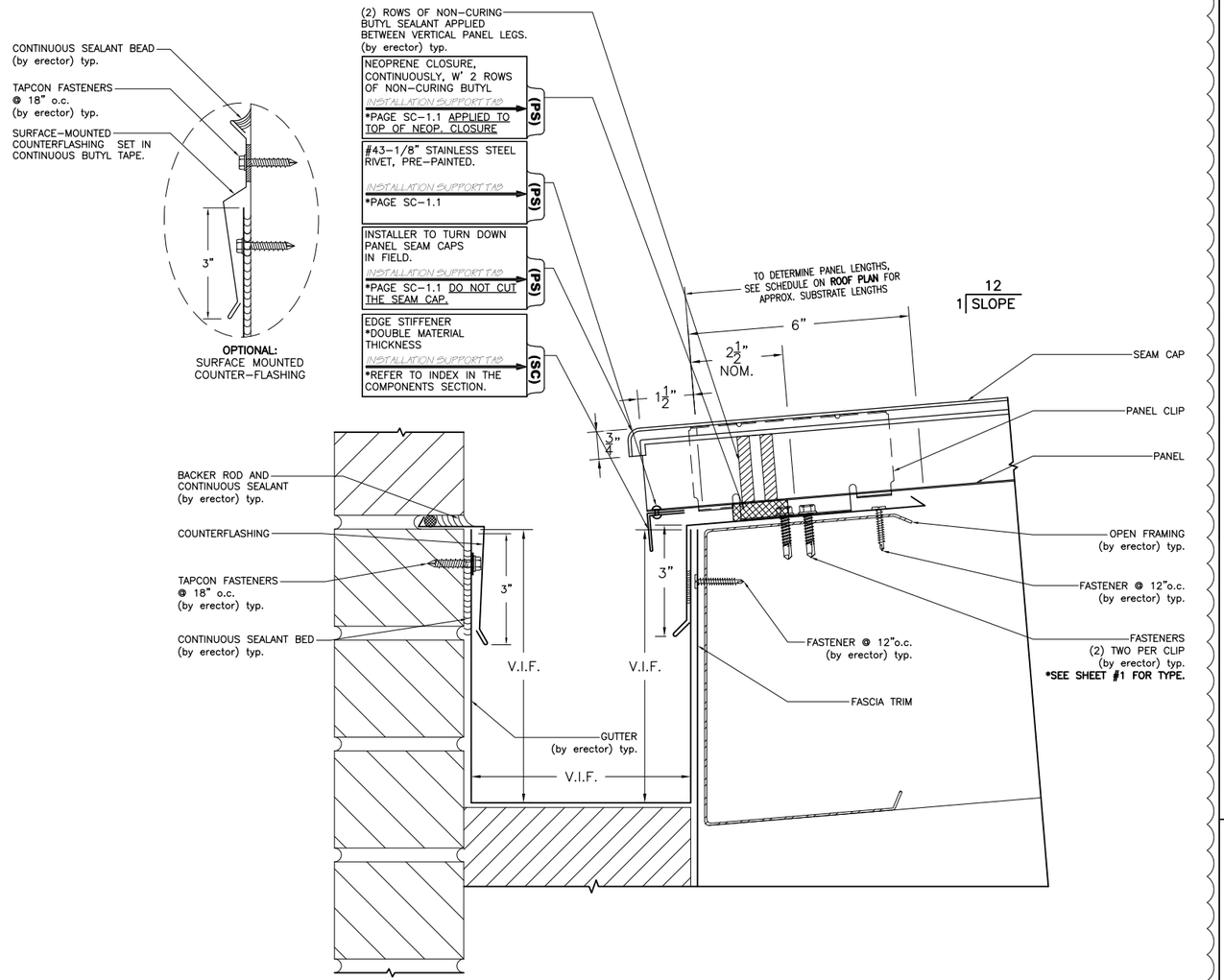
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JOB NUMBER: 39779
SHEET: 18 OF 38



Q / 18A EXPANDING EAVE WITH GUTTER DETAIL

ARCH. REF. : NA



R / 18A EXPANDING EAVE @ INTERNAL GUTTER DETAIL

ARCH. REF. : NA

FOR REVIEW

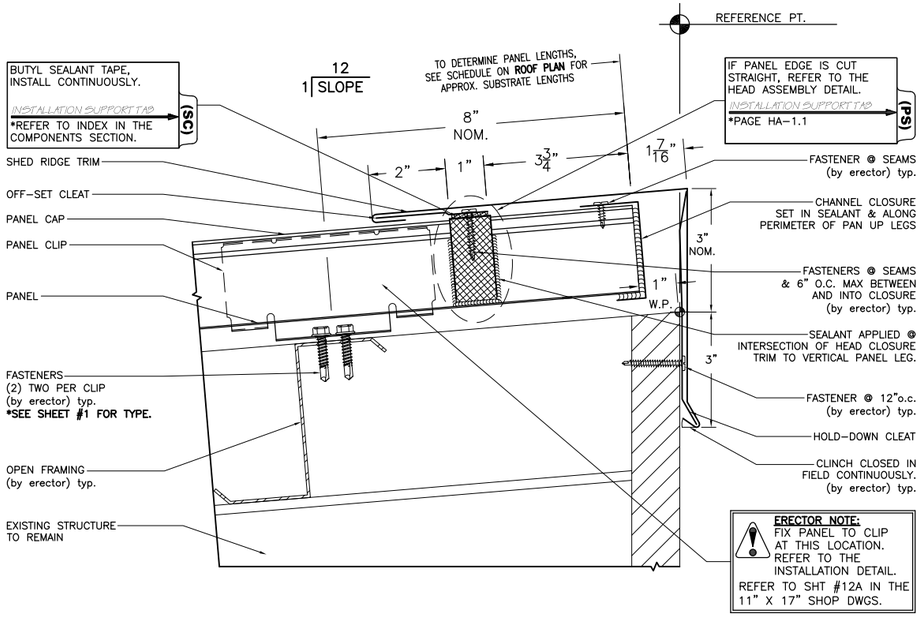
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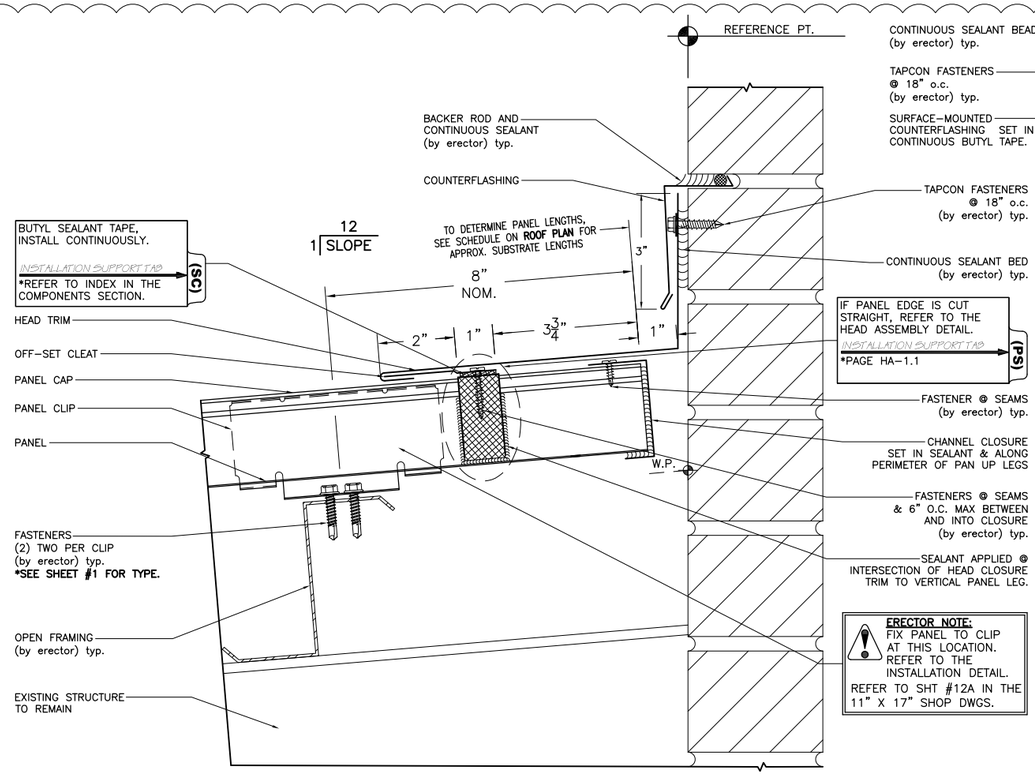
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REV:	DATE:	CUSTOMER: NA
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2	11/04/24	
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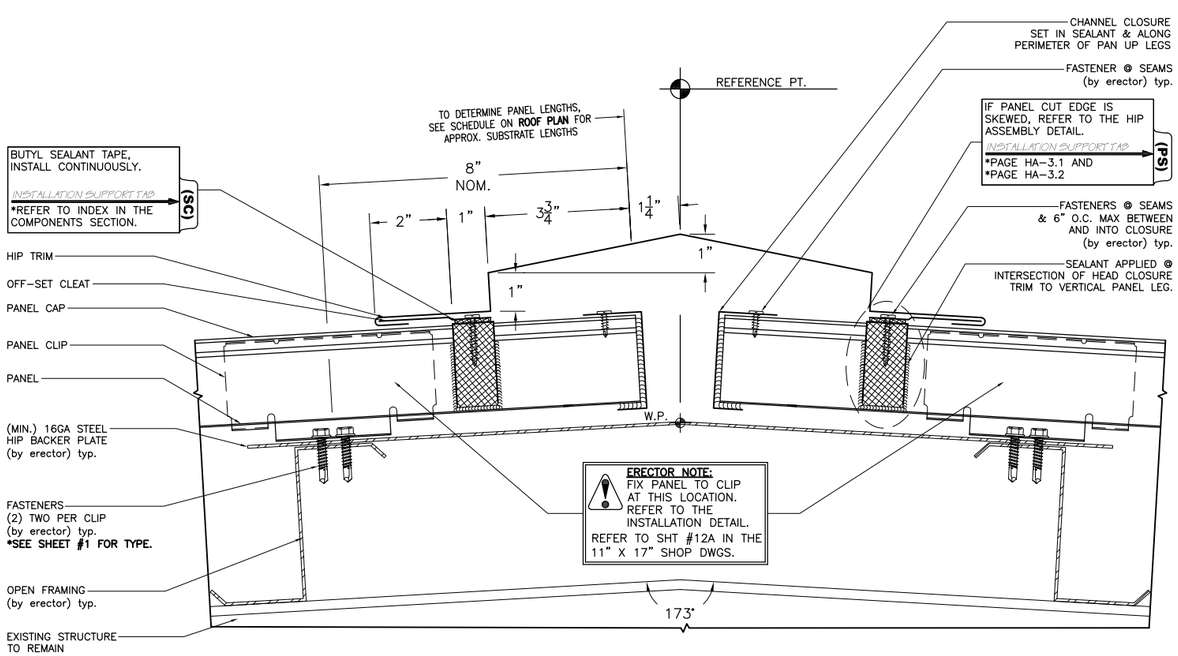
SHEET: 18A OF 38 | JOB NUMBER: 39779



S / 18B FIXED SHED RIDGE DETAIL
ARCH. REF. : NA



T / 18B FIXED HEAD DETAIL
ARCH. REF. : NA



U / 18B FIXED HIP DETAIL
ARCH. REF. : NA

FOR REVIEW

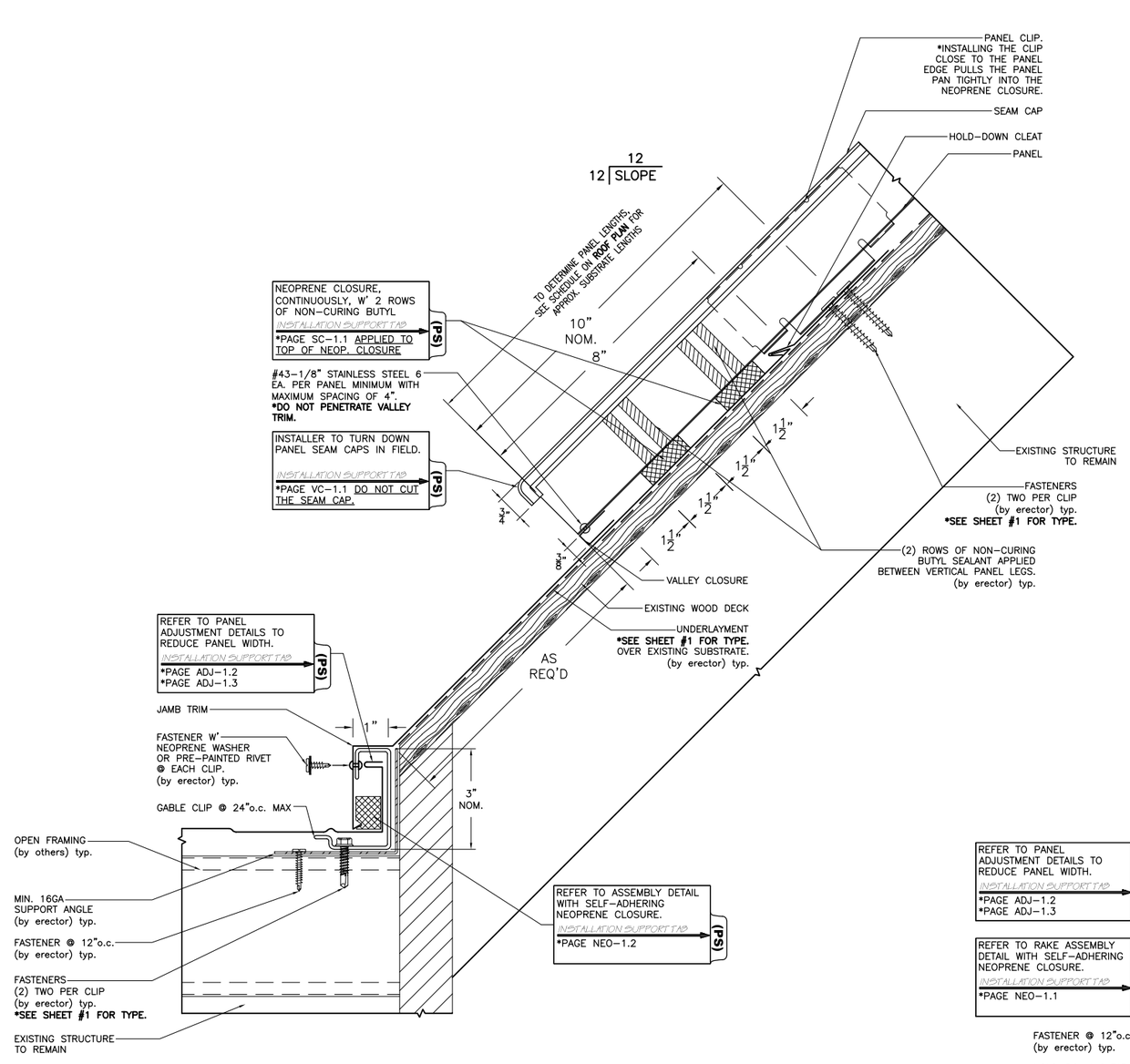
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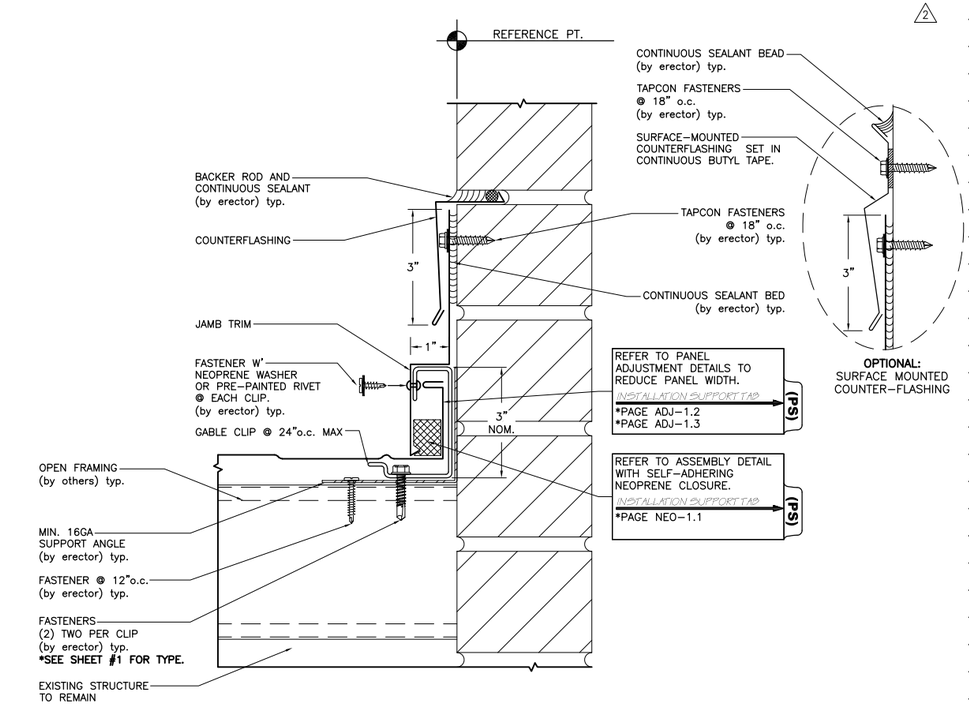
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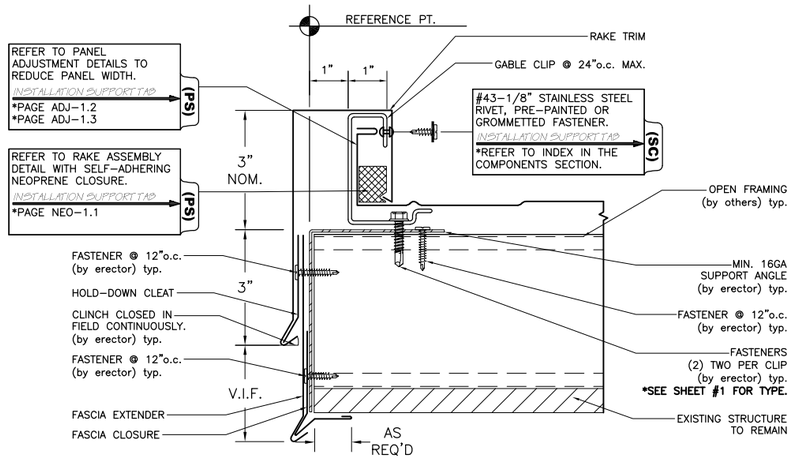
SHEET: 18B OF 38 | JOB NUMBER: 39779



V / 18C EAVE TO JAMB TRANSITION DETAIL
ARCH. REF. : NA



W / 18C SLOPING JAMB DETAIL
ARCH. REF. : NA



X / 18C RAKE DETAIL
ARCH. REF. : NA

FOR REVIEW

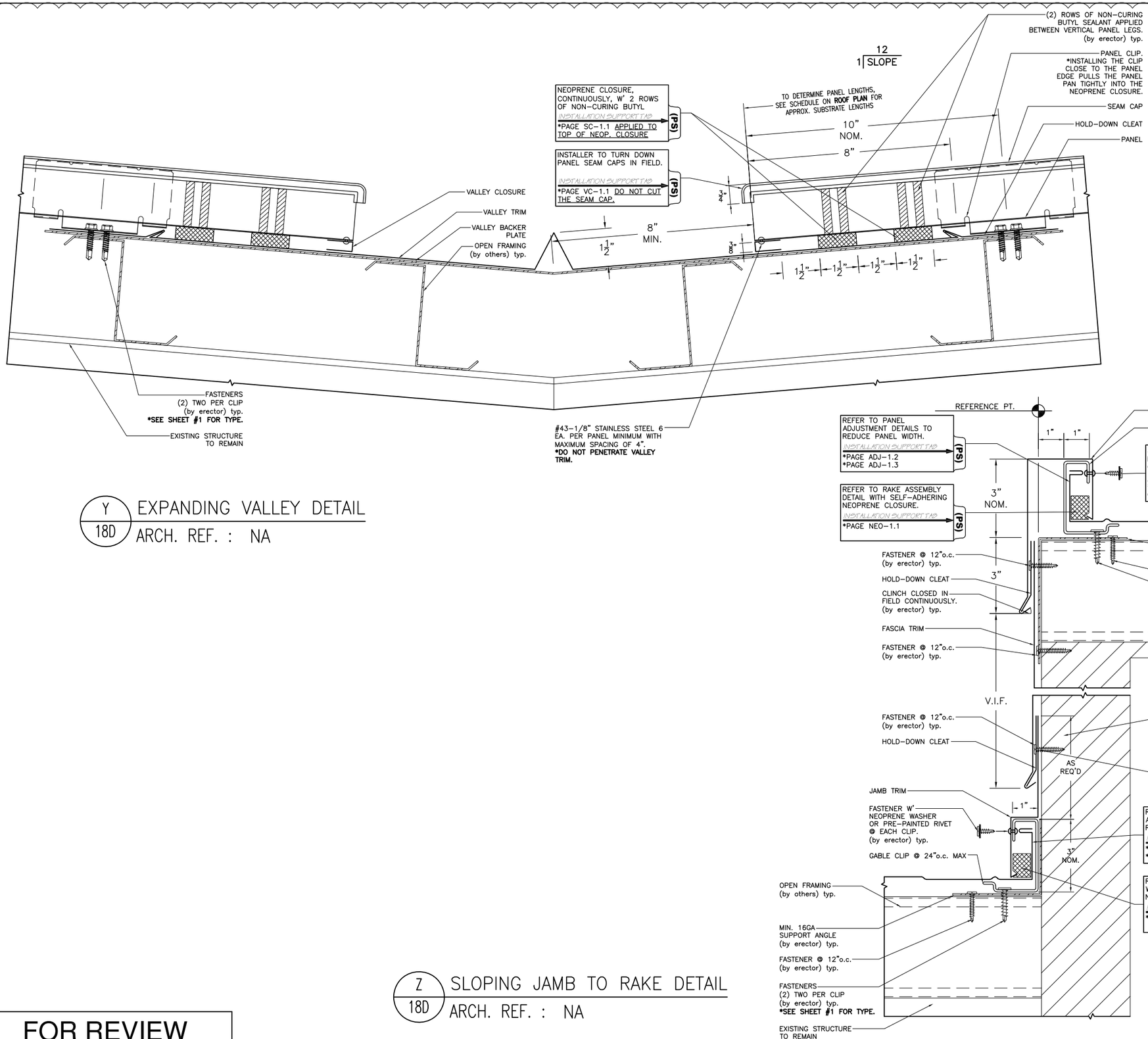
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ARCHITECT: NA
DWG BY: MEC
CHK BY: MB
DATE: 09/23/24
PM: AMANDA TANT

REV:	DATE:	CUSTOMER: NA
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-	--/--/--	
-	--/--/--	AGENT: JASON MORONNOLTE

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SHEET: 18C OF 38



Y / 18D EXPANDING VALLEY DETAIL
ARCH. REF. : NA

Z / 18D SLOPING JAMB TO RAKE DETAIL
ARCH. REF. : NA

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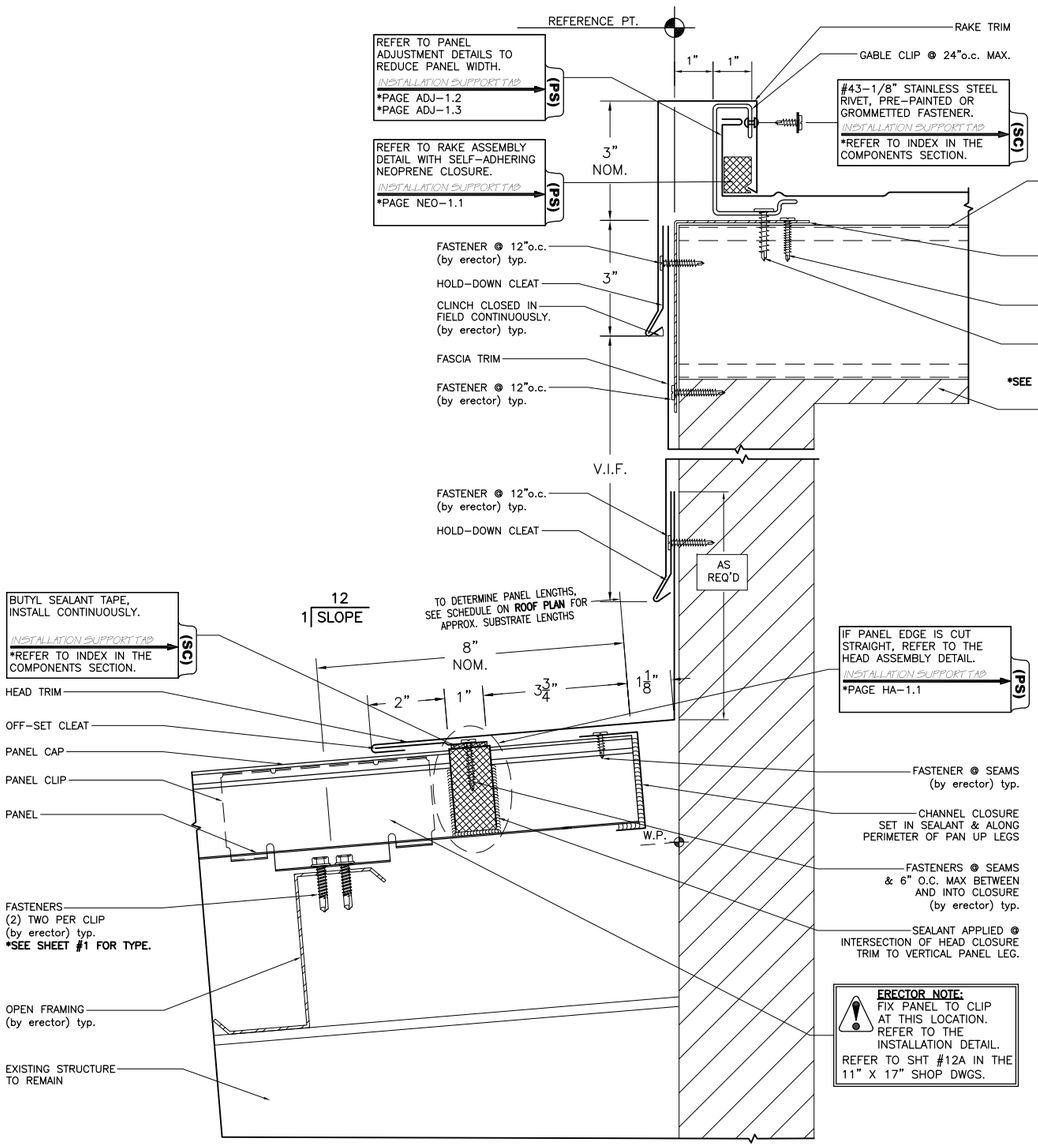
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PM: AMANDA TANT
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AGENT: JASON MORONNOLTE

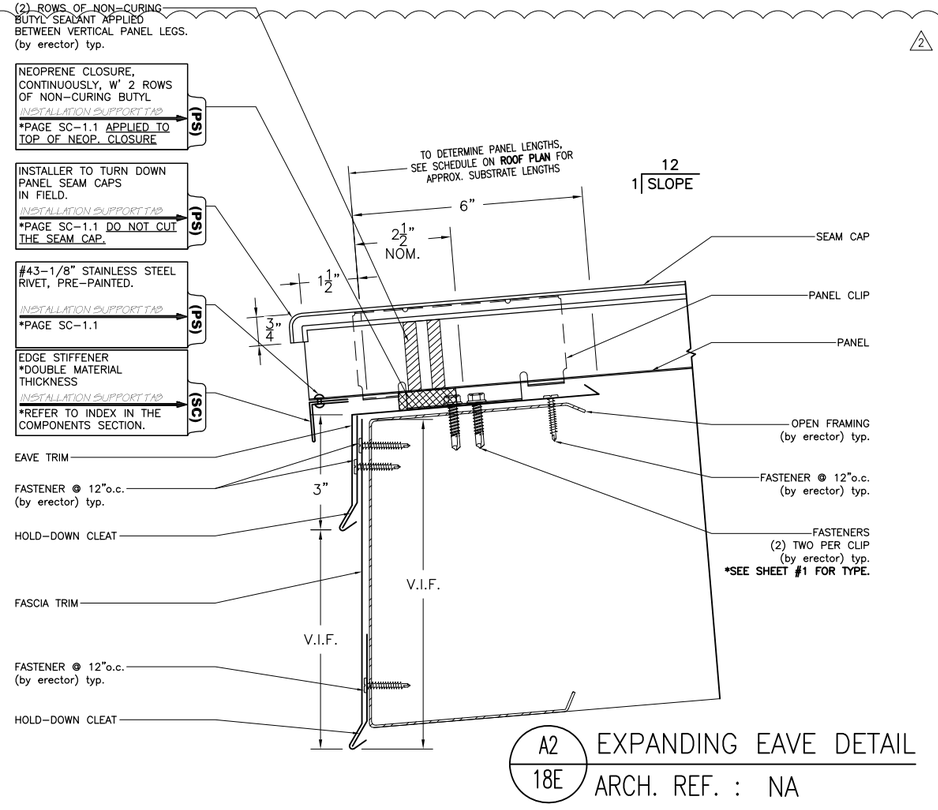
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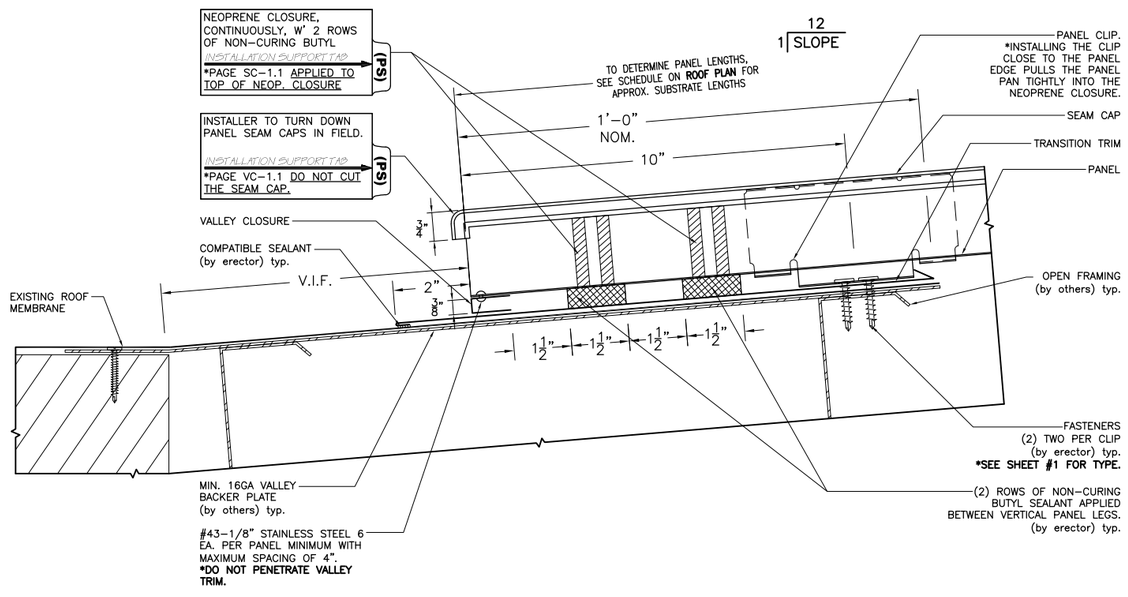
JOB NUMBER: 39779
SHEET: 18D OF 38



A1 / 18E HEAD TO RAKE DETAIL
ARCH. REF. : NA



A2 / 18E EXPANDING EAVE DETAIL
ARCH. REF. : NA



A3 / 18E EXPANDING PANEL TO BUR DETAIL
ARCH. REF. : NA

FOR REVIEW

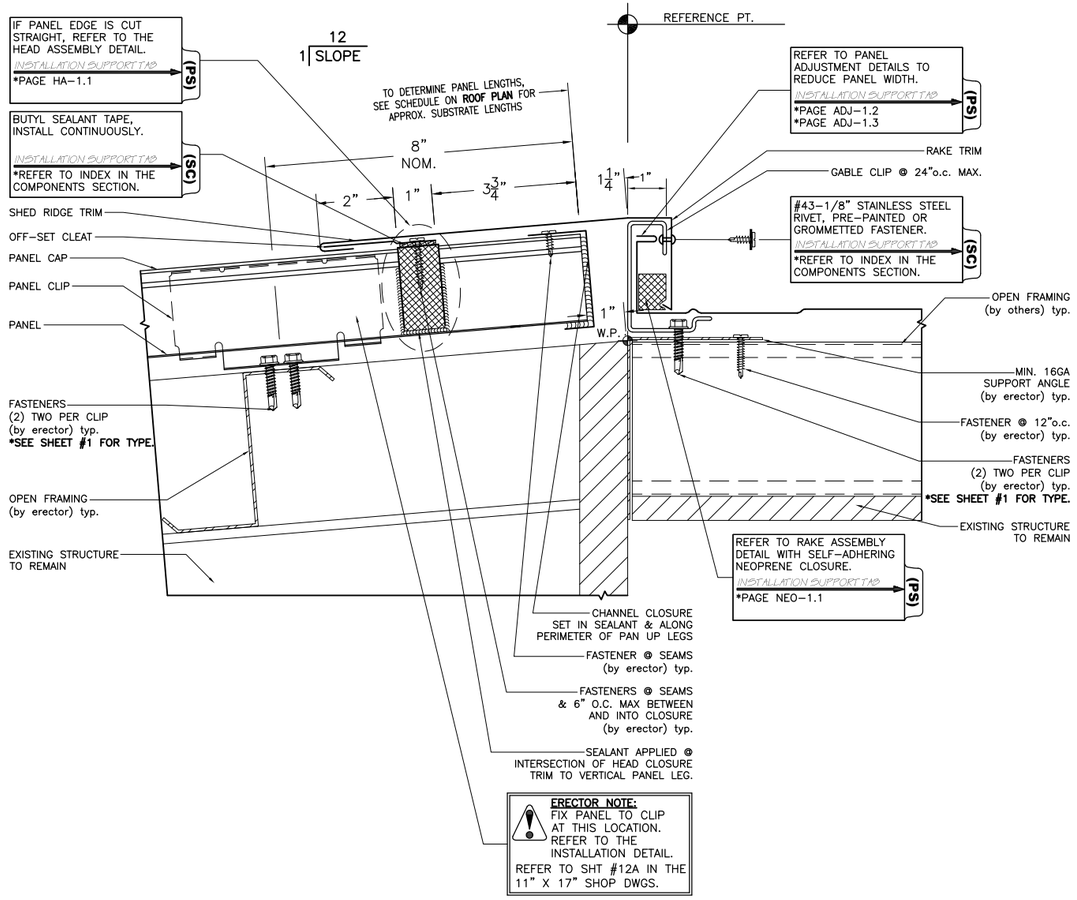
VENTURA UNIFIED SD- PORTOLA ELEMENTARY
6700 EAGLE STREET, VENTURA, CA 93003

ARCHITECT: NA | DWG BY: MEC | CHK BY: MB
PM: AMANDA TANT | DATE: 09/23/24
CUSTOMER: NA
AGENT: JASON MORONNOLTE

REV:	DATE:
1	10/02/24
2	11/04/24
-	--/--/--
-	--/--/--

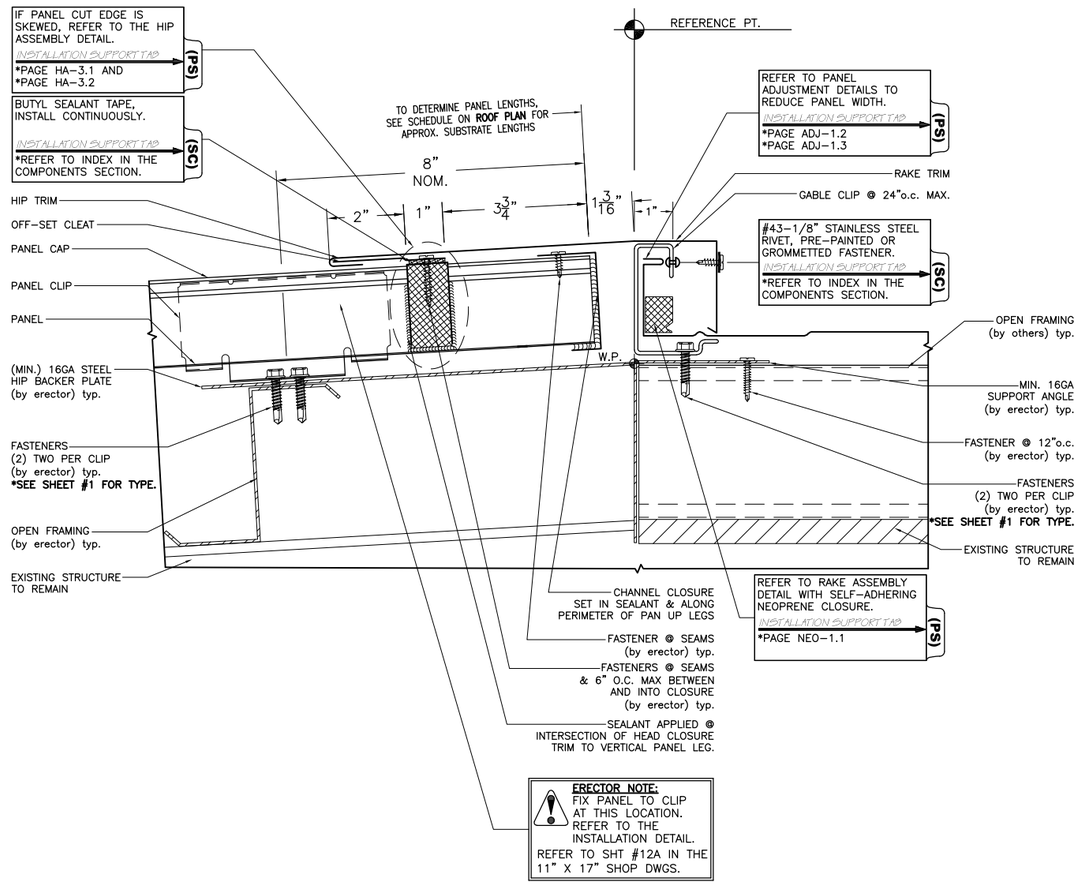
SHEET: 18E OF 38 | JOB NUMBER: 39779

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A4 / 18F — FIXED SHED RIDGE TO RAKE DETAIL

ARCH. REF. : NA



A5 / 18F — FIXED HIP TO RAKE DETAIL

ARCH. REF. : NA

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ARCHITECT: NA | DWG BY: MEC | CHK BY: MB
DATE: 09/23/24 | PM: AMANDA TANT

CUSTOMER: NA
AGENT: JASON MORONNOLTE

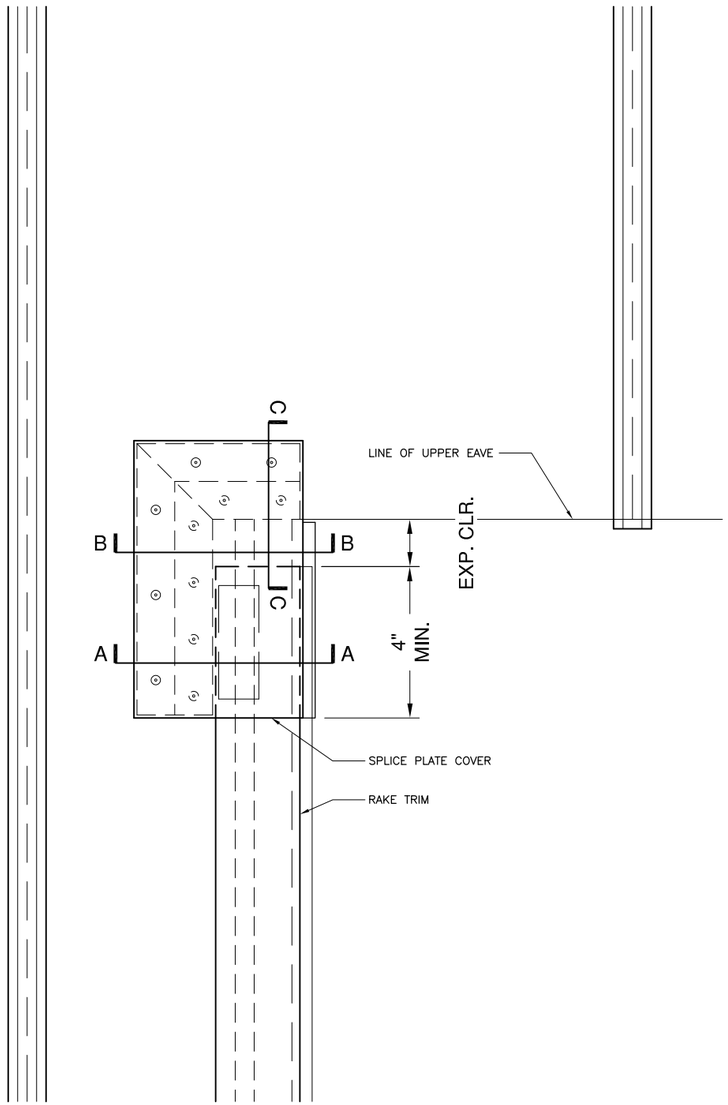
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2	11/04/24
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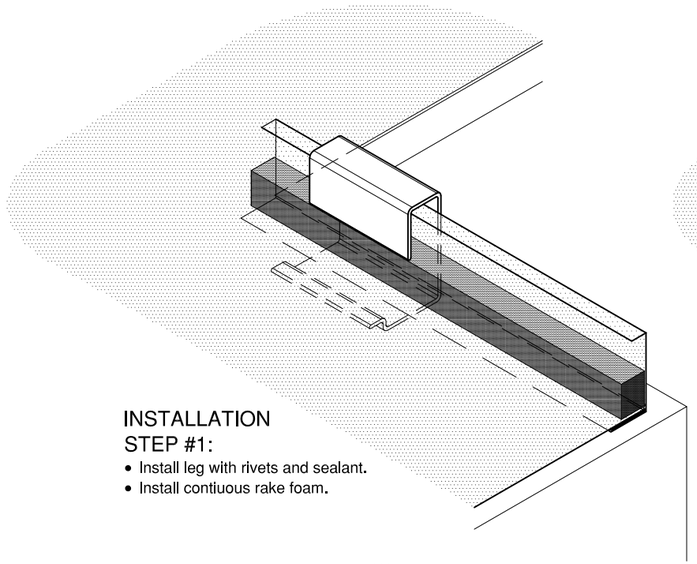
THE GARLAND COMPANY, INC.
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JOB NUMBER: 39779

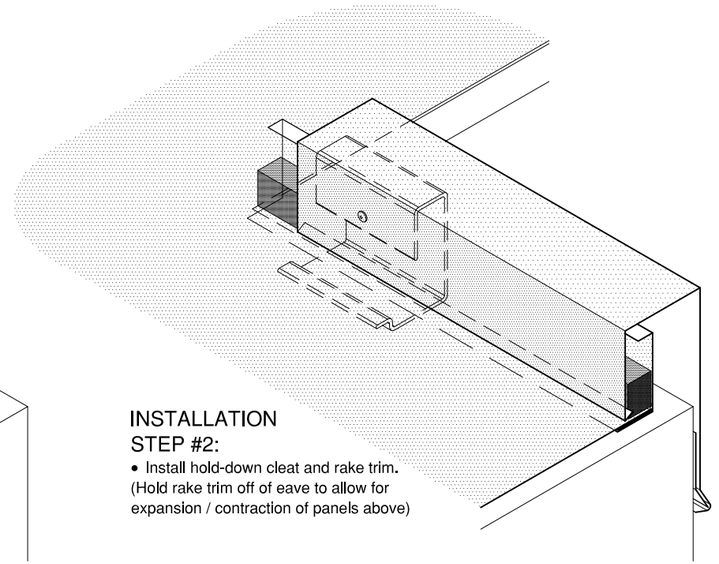
SHEET: 18F OF 38

FOR REVIEW

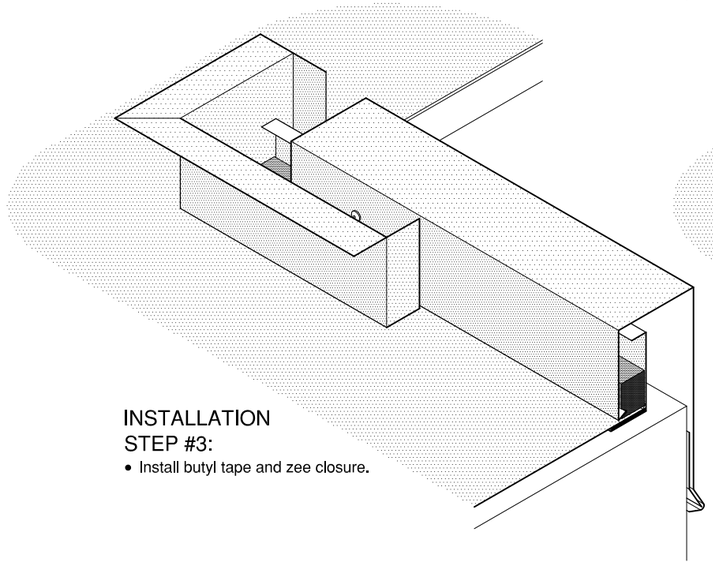




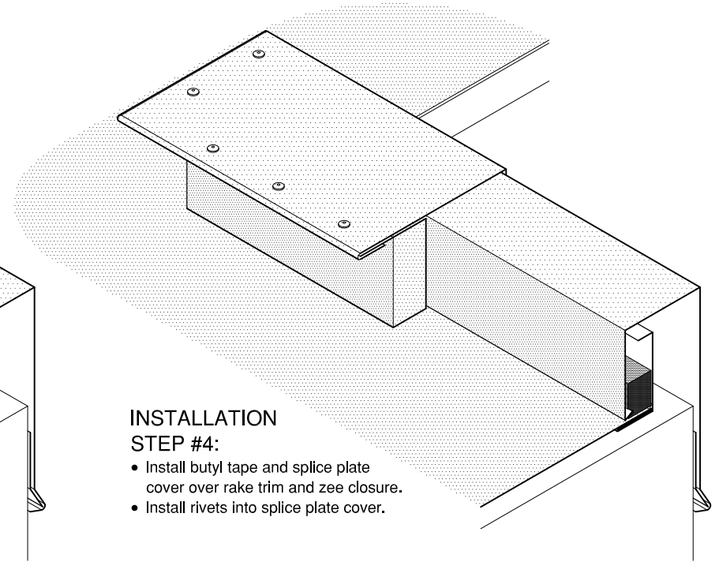
INSTALLATION
STEP #1:
- Install leg with rivets and sealant.
- Install contiuous rake foam.



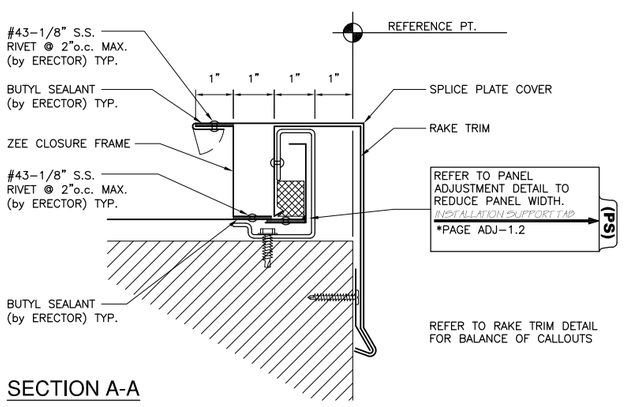
INSTALLATION
STEP #2:
- Install hold-down cleat and rake trim. (Hold rake trim off of eave to allow for expansion / contraction of panels above)



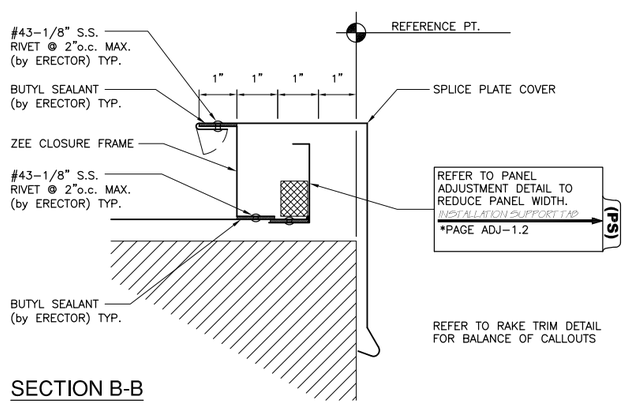
INSTALLATION
STEP #3:
- Install butyl tape and zee closure.



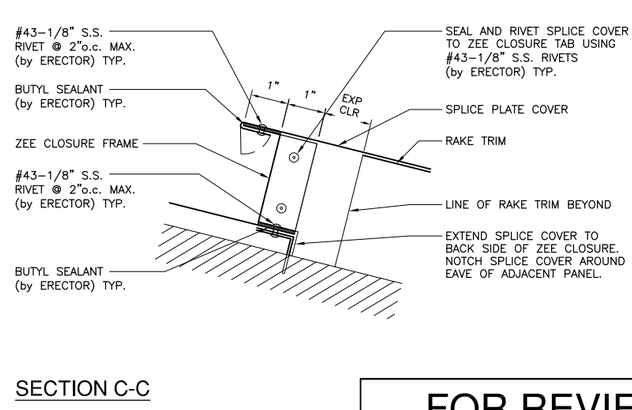
INSTALLATION
STEP #4:
- Install butyl tape and splice plate cover over rake trim and zee closure.
- Install rivets into splice plate cover.



SECTION A-A



SECTION B-B



SECTION C-C

FOR REVIEW

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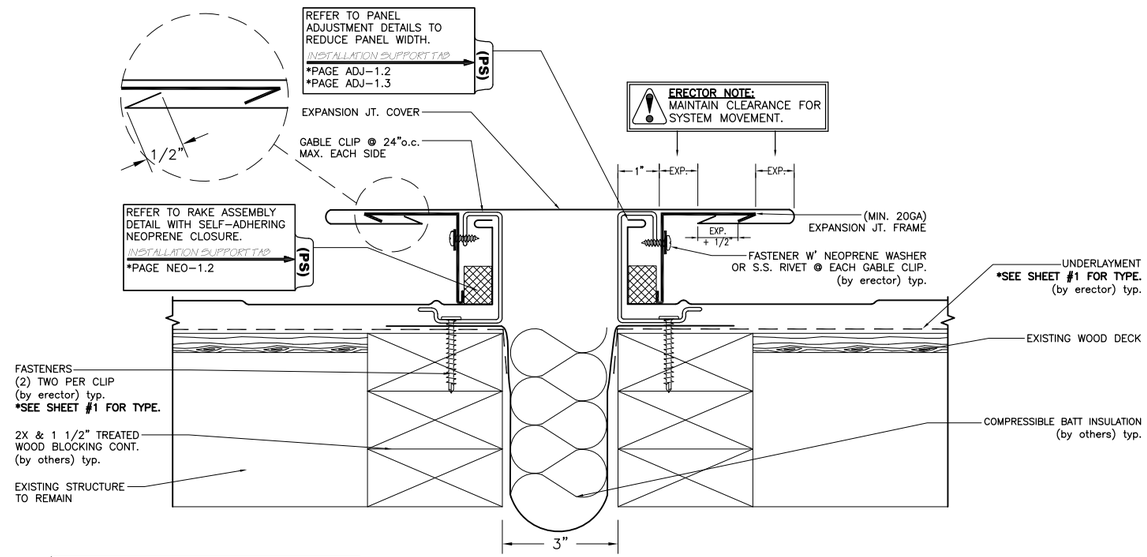
ARCHITECT: NA
DATE: 09/23/24 | DWG BY: MEC | CHK BY: MB
PM: AMANDA TANT | CUSTOMER: NA
AGENT: JASON MORONNOLTE

REV:	DATE:
1	10/02/24
2	11/04/24
1	--/--/--
1	--/--/--

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JOB NUMBER: 39779
SHEET: 19 OF 38

1



ERECTOR NOTE:
EXTEND EXPANSION JOINT COVER OVER THE RIDGE CAP AND 'TURN DOWN' ENDS A MIN. OF 1 1/2" ON BOTH SIDES. ANCHOR EXPANSION JOINT COVERS TO EACH OTHER WITH MINIMUM OF (4) #43-1/8" STAINLESS STEEL RIVETS SET IN SEALANT.

IMPORTANT NOTE:
EXPANSION JOINT COVERS 'MUST' FLOAT TO ALLOW FOR PROPER THERMAL MOVEMENT.

TRIM LAP NOTE FOR:
EXPANSION JOINT COVER & EXPANSION JOINT FRAME.
1. NOTCH AND LAP 2"
2. SET IN SEALANT.

P/20 EXPANSION JOINT DETAIL
ARCH. REF. : NA

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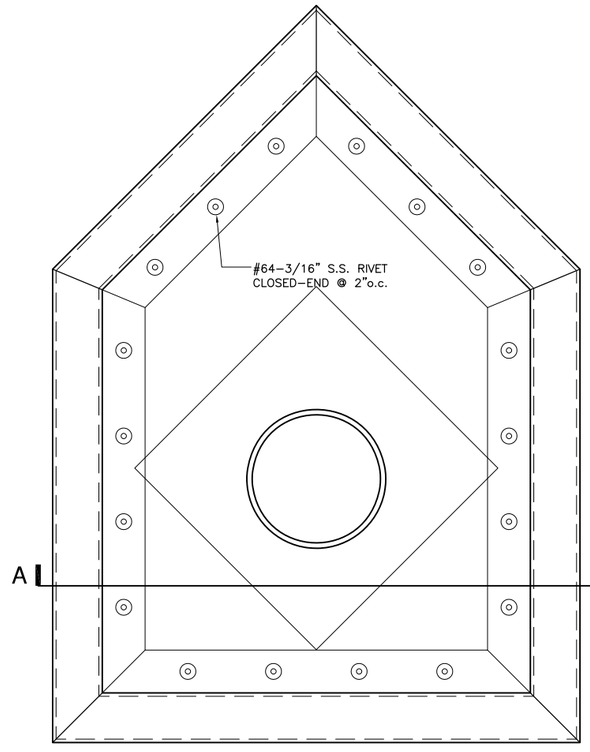
ARCHITECT: NA
DATE: 09/23/24 | DWG BY: MEC | CHK BY: MB
P.M: AMANDA TANT
CUSTOMER: NA
AGENT: JASON MORONNOLTE

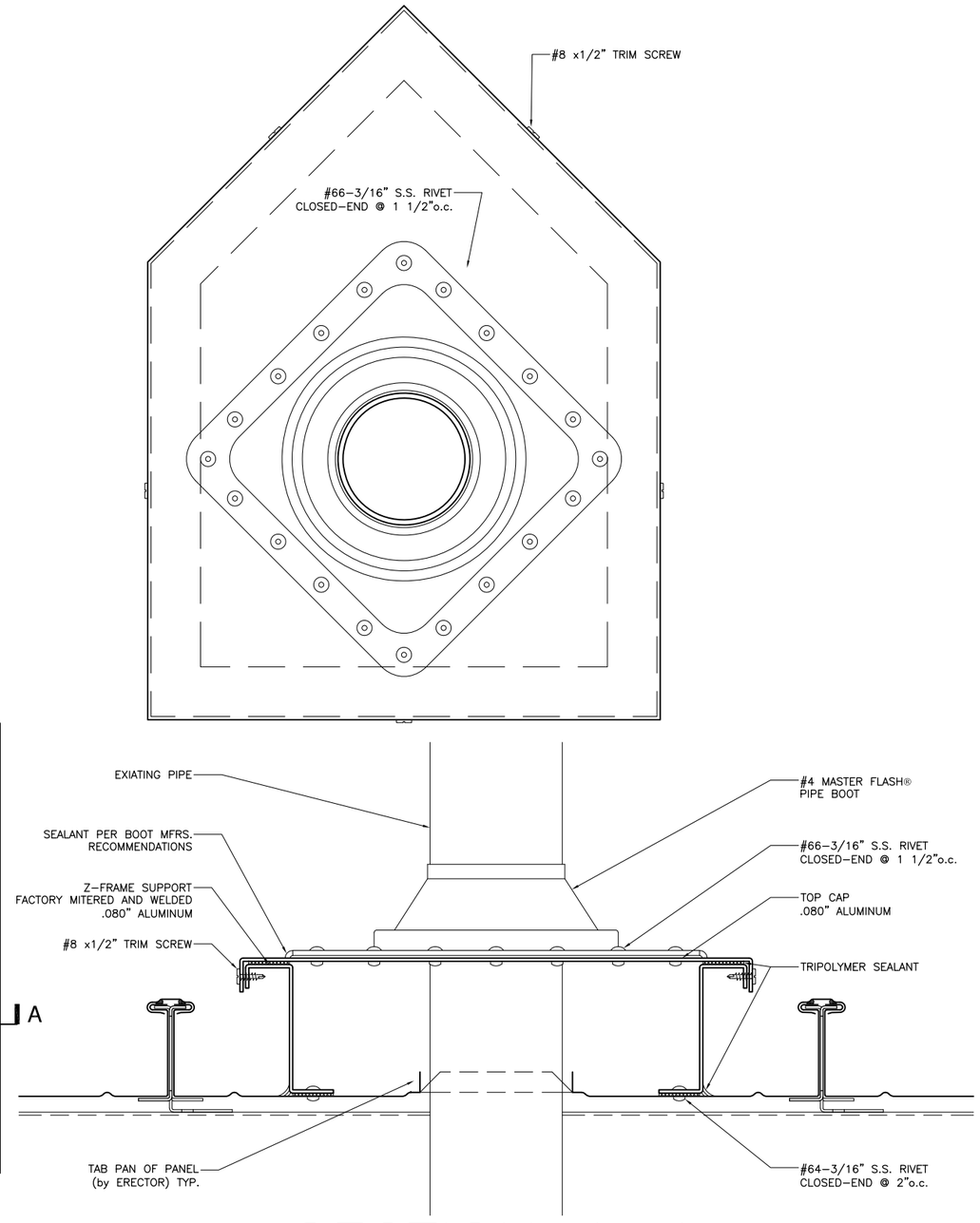
REV:	DATE:	
1	10/02/24	
2	11/04/24	
1	--/--/--	CUSTOMER: NA
1	--/--/--	AGENT: JASON MORONNOLTE

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SHEET: 20 OF 38 | JOB NUMBER: 39779

FOR REVIEW





SECTION A-A

FOR REVIEW

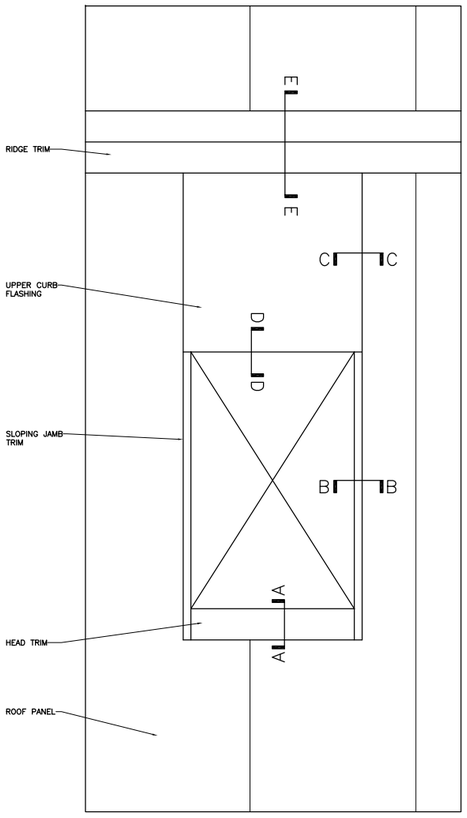
VENTURA UNIFIED SD- PORTOLA ELEMENTARY
6700 EAGLE STREET, VENTURA, CA 93003

ARCHITECT: NA
DATE: 09/23/24 | DWG BY: MEC | CHK BY: MB
P.M: AMANDA TANT
CUSTOMER: NA
AGENT: JASON MORONNOLTE

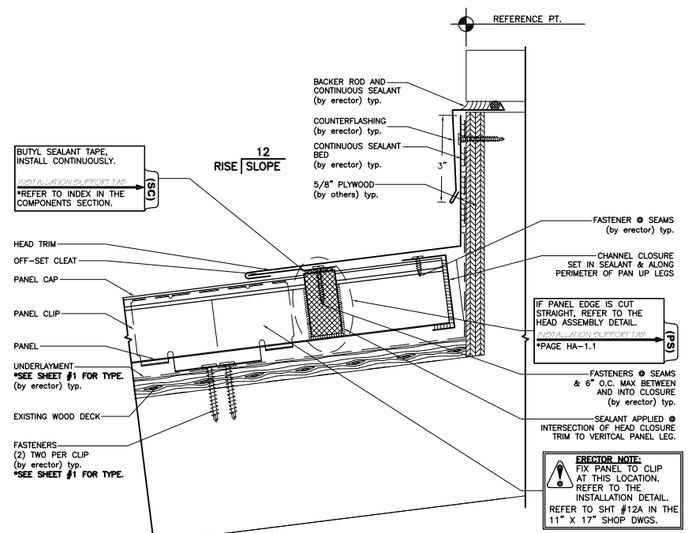
REV:	DATE:
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2	11/04/24
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THE GARLAND COMPANY INC.
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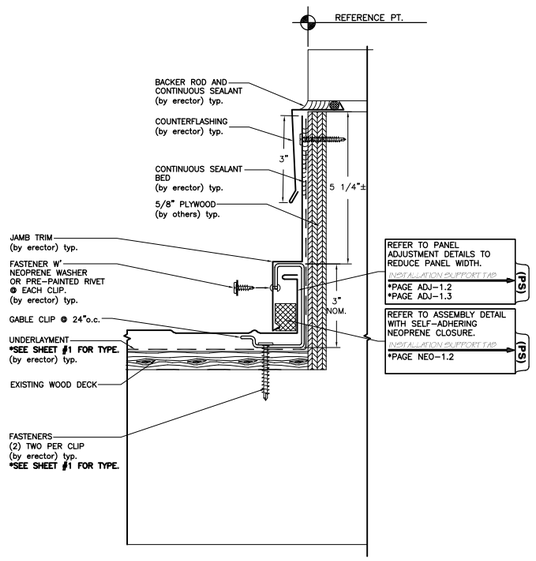
JOB NUMBER: 39779
SHEET: 21 OF 38



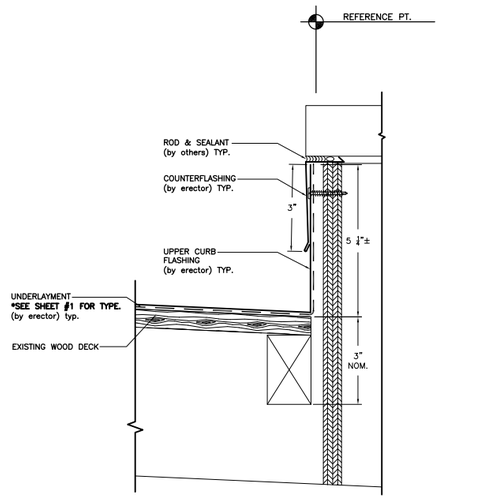
PARTIAL ROOF PLAN AT CURB



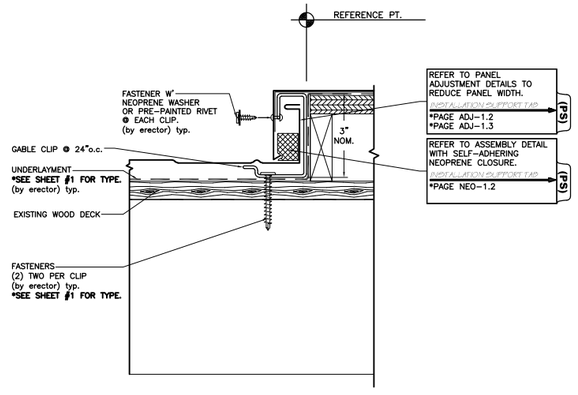
A X FIXED HEAD @ CURB
ARCH. REF.: NONE



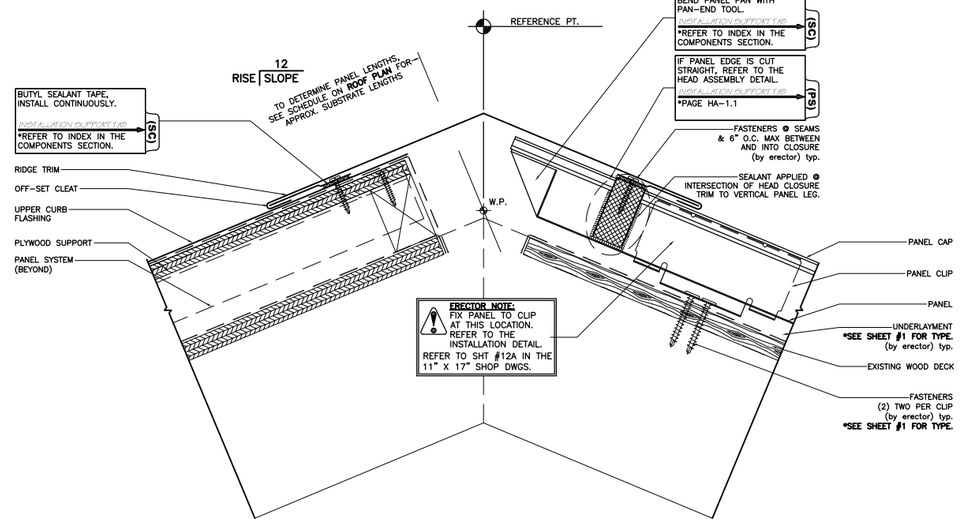
B X SLOPING JAMB @ UPPER CURB FLASHING
ARCH. REF.: NONE



D X SLOPING JAMB @ UPPER CURB FLASHING
ARCH. REF.: NONE



C X SLOPING JAMB @ UPPER CURB FLASHING
ARCH. REF.: NONE



E X FIXED RIDGE DETAIL
ARCH. REF.: NONE

FOR REVIEW

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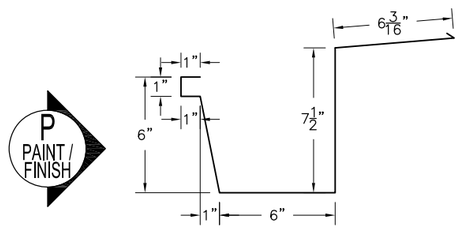
ARCHITECT: NA
DWG BY: MEC | CHK BY: MB
PM: AMANDA TANT
DATE: 09/23/24
CUSTOMER: NA
AGENT: JASON MORONNOLTE

REV:	DATE:
1	10/02/24
2	11/04/24
-	--/--/--
-	--/--/--

THE GARLAND COMPANY INC.
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SHEET: 22 OF 38
JOB NUMBER: 39779

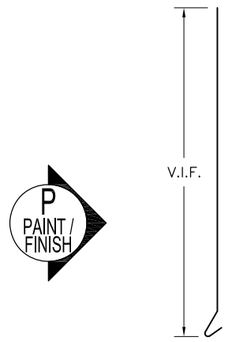
PART	GUTTER	S/O	TRIM INCH
QTY	108 PCS		X 120"
MTL	ALUMINUM	.040"	



CUSTOMER APPROVAL	

DETAIL	LIN. FT
A/13	±408
L/17	±60
2 Q/18A	±604
TOTAL	±1072

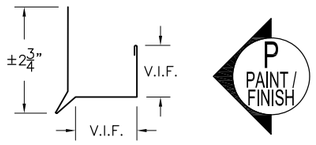
PART	FASCIA TRIM/EXTENDER	S/O	TRIM INCH
QTY	192 PCS		X 120"
MTL	ALUMINUM	.040"	



CUSTOMER APPROVAL	

DETAIL	LIN. FT
A/13	±408
B/13	±258
E/15	±648
2 Q/18A	±604
TOTAL	±1918

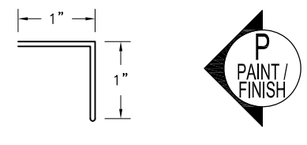
PART	FASCIA CLOSURE TRIM	S/O	TRIM INCH
QTY	151 PCS		X 120"
MTL	ALUMINUM	.040"	



CUSTOMER APPROVAL	

DETAIL	LIN. FT
A/13	±408
B/13	±258
E/15	±648
2 X/18C	±190
TOTAL	±1504

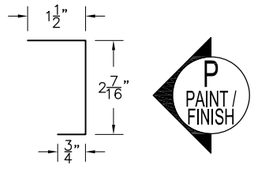
PART	EDGE STIFFNER	S/O	TRIM INCH
QTY	80 PCS		X 120"
MTL	ALUMINUM	.040"	



CUSTOMER APPROVAL	

DETAIL	LIN. FT
A/13	±408
C/14	±237
F/15	±88
L/17	±60
2 Q/18A	±604
TOTAL	±793

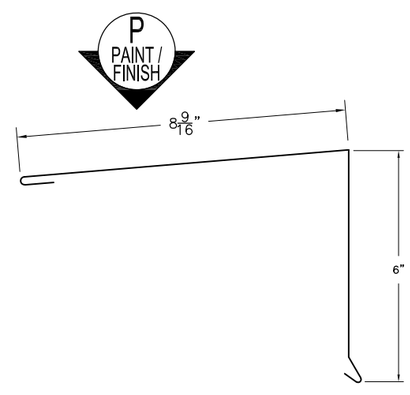
PART	PAN END CLOSURE	S/O	TRIM INCH
QTY	V.I.F. PCS		X 120"
MTL	ALUMINUM	.040"	



CUSTOMER APPROVAL	

DETAIL	LIN. FT
B/13	±258
C/14	±237
M/18	±49
2 S/18B	V.I.F.
T/18B	V.I.F.
U/18B	V.I.F.
TOTAL	V.I.F.

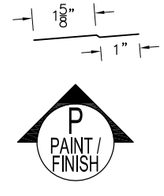
PART	SHED RIDGE TRIM	S/O	TRIM INCH
QTY	V.I.F. PCS		X 120"
MTL	ALUMINUM	.040"	



CUSTOMER APPROVAL	

DETAIL	LIN. FT
B/13	±258
2 S/18B	V.I.F.
TOTAL	V.I.F.

PART	OFF SET CLEAT	S/O	TRIM INCH
QTY	97 PCS		X 120"
MTL	GALV. STEEL	22GA	



CUSTOMER APPROVAL	

DETAIL	LIN. FT
M/18	±49
N/18	±50
2 S/18B	V.I.F.
U/18B	V.I.F.

DETAIL	LIN. FT
B/13	±258
C/14	±237
F/15	±88
G/16	±335
TOTAL	±1017

FOR REVIEW

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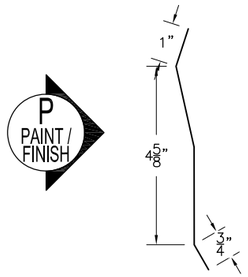
ARCHITECT: NA
DWG BY: MEC
CHK BY: MB
DATE: 09/23/24
PM: AMANDA TANT
CUSTOMER: NA
AGENT: JASON MORONNOLTE

REV: 1 DATE: 10/02/24
2 DATE: 11/04/24
DATE: --/--/--
DATE: --/--/--

THE GARLAND COMPANY INC.
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JOB NUMBER: 39779
SHEET: 23 OF 38

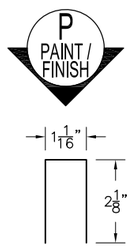
PART	SR HOLD DOWN CLEAT	S/O	TRIM INCH
QTY	V.I.F. PCS		X 120"
MTL	GALV. STEEL	22GA	



CUSTOMER APPROVAL

DETAIL	LIN. FT
~~B/13~~	~~±258~~
2 S/18B	V.I.F.
TOTAL	±258

PART	HEAD CLOSURE	S/O	TRIM INCH
QTY	97 PCS		X 120"
MTL	ALUMINUM	.040"	

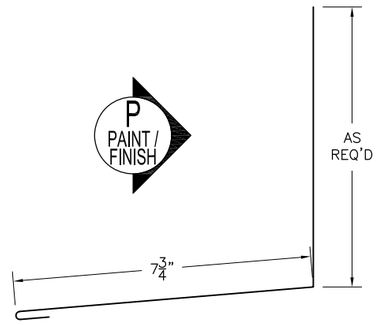


DETAIL	LIN. FT
G/16	±335
M/18	±49

CUSTOMER APPROVAL

DETAIL	LIN. FT
B/13	±258
C/14	±237
~~F/15~~	~~±88~~
2 A1/18E	V.I.F.
TOTAL	±967

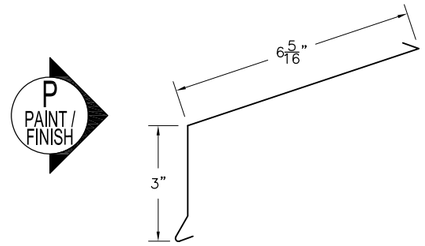
PART	HEAD TRIM	S/O	TRIM INCH
QTY	V.I.F. PCS		X 120"
MTL	ALUMINUM	.040"	



CUSTOMER APPROVAL

DETAIL	LIN. FT
~~C/14~~	~~±237~~
2 A1/18E	V.I.F.
TOTAL	±237

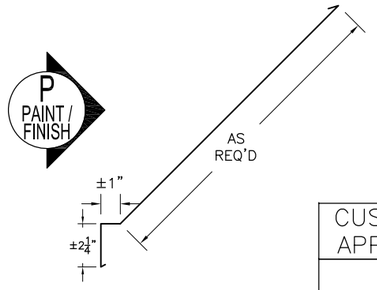
PART	EAVE TRIM	S/O	TRIM INCH
QTY	41 PCS		X 120"
MTL	ALUMINUM	.040"	



CUSTOMER APPROVAL

DETAIL	LIN. FT
C/14	±237
~~F/15~~	~~±88~~
2 A2/18E	±80
TOTAL	±405

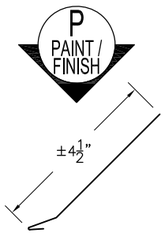
PART	CUSTOM JAMB TRIM	S/O	TRIM INCH
QTY	06 PCS		X 120"
MTL	ALUMINUM	.040"	



CUSTOMER APPROVAL

DETAIL	LIN. FT
D/14	±60
TOTAL	±60

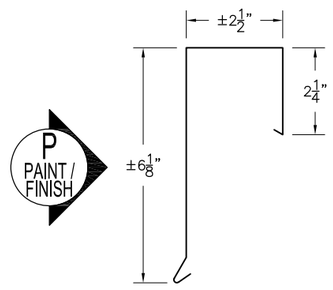
PART	HOLD DOWN CLEAT	S/O	TRIM INCH
QTY	V.I.F. PCS		X 120"
MTL	GALV. STEEL	22GA	



CUSTOMER APPROVAL

DETAIL	LIN. FT
~~D/14~~	~~±60~~
2 Y/18D	V.I.F.
TOTAL	V.I.F.

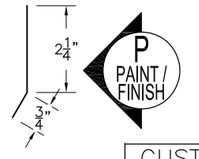
PART	RAKE TRIM	S/O	TRIM INCH
QTY	84 PCS		X 120"
MTL	GALV. STEEL	24GA	



CUSTOMER APPROVAL

DETAIL	LIN. FT
~~E/15~~	~~±648~~
2 X/18C	±190
TOTAL	±838

PART	HOLD-DOWN CLEAT	S/O	TRIM INCH
QTY	V.I.F. PCS		X 120"
MTL	GALV. STEEL	22GA	



CUSTOMER APPROVAL

DETAIL	LIN. FT
Q/18A	±604
X/18C	±190
A2/18E	±80
A1/18E	V.I.F.
Z/18D	V.I.F.
TOTAL	V.I.F.

FOR REVIEW

VENTURA UNIFIED SD- PORTOLA ELEMENTARY
6700 EAGLE STREET, VENTURA, CA 93003

ARCHITECT: NA | DWG BY: MEC | CHK BY: MB
DATE: 09/23/24 | PM: AMANDA TANT

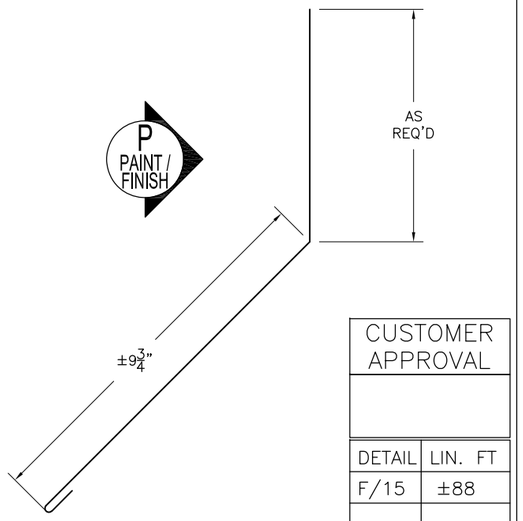
CUSTOMER: NA
AGENT: JASON MORONNOLTE

REV:	DATE:
1	10/02/24
2	11/04/24
1	--/--/--
1	--/--/--

THE GARLAND COMPANY INC.
3800 EAST 91st STREET - CLEVELAND, OHIO 44105-2197
PHONE (800) 321-9336 / FAX (216) 641-0633

JOB NUMBER: 39779
SHEET: 24 OF 38

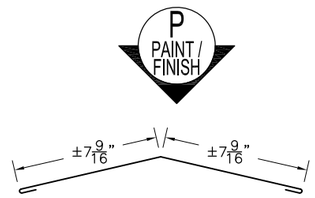
PART	HEAD TRIM	S/O	TRIM INCH
QTY	09 PCS		X 120"
MTL	ALUMINUM	.040"	



CUSTOMER APPROVAL	

DETAIL	LIN. FT
F/15	±88
TOTAL	±88

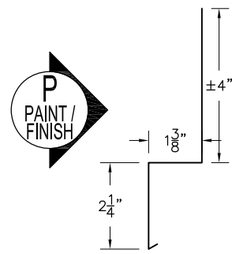
PART	HIP TRIM	S/O	TRIM INCH
QTY	34 PCS		X 120"
MTL	ALUMINUM	.040"	



CUSTOMER APPROVAL	

DETAIL	LIN. FT
G/16	±335
TOTAL	±335

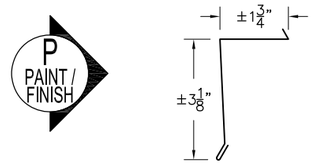
PART	JAMB TRIM	S/O	TRIM INCH
QTY	V.I.F. PCS		X 120"
MTL	ALUMINUM	.040"	



CUSTOMER APPROVAL	

DETAIL	LIN. FT
J/16	±26
2 Z/18D	V.I.F.
W/18C	V.I.F.
TOTAL	V.I.F.

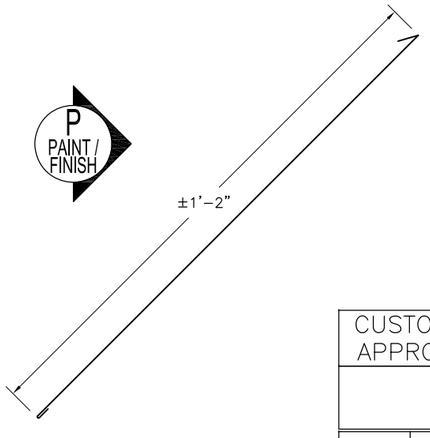
PART	COUNTERFLASHING	S/O	TRIM INCH
QTY	V.I.F. PCS		X 120"
MTL	ALUMINUM	.040"	



CUSTOMER APPROVAL	

DETAIL	LIN. FT
J/16	±26
N/18	±50
2 T/18B	V.I.F.
W/18C	V.I.F.
TOTAL	±76

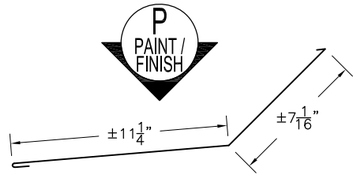
PART	TRANSITION TRIM	S/O	TRIM INCH
QTY	03 PCS		X 120"
MTL	ALUMINUM	.040"	



CUSTOMER APPROVAL	

DETAIL	LIN. FT
K/17	±25
TOTAL	±25

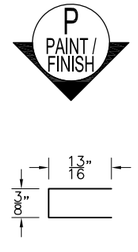
PART	HEAD TRANSITION TRIM	S/O	TRIM INCH
QTY	05 PCS		X 120"
MTL	ALUMINUM	.040"	



CUSTOMER APPROVAL	

DETAIL	LIN. FT
M/18	±49
TOTAL	±49

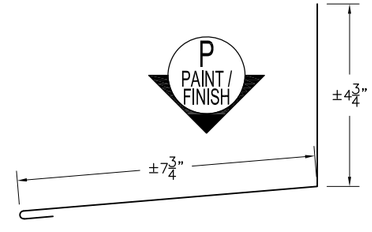
PART	HEAD TRANSITION TRIM	S/O	TRIM INCH
QTY	14 PCS		X 120"
MTL	ALUMINUM	.040"	



CUSTOMER APPROVAL	

DETAIL	LIN. FT
D/14	±60
K/17	±25
M/18	±49
TOTAL	±134

PART	HEAD TRANSITION TRIM	S/O	TRIM INCH
QTY	V.I.F. PCS		X 120"
MTL	ALUMINUM	.040"	



CUSTOMER APPROVAL	

DETAIL	LIN. FT
N/18	±50
2 T/18B	V.I.F.
A1/18E	V.I.F.
TOTAL	V.I.F.

FOR REVIEW

VENTURA UNIFIED SD– PORTOLA ELEMENTARY
6700 EAGLE STREET, VENTURA, CA 93003

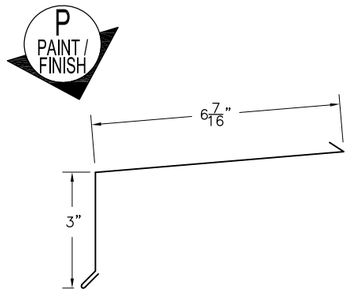
ARCHITECT: NA
DATE: 09/23/24 | DWG BY: MEC | CHK BY: MB
PM: AMANDA TANT
CUSTOMER: NA
AGENT: JASON MORONNOLTE

REV:	DATE:
1	DATE: 10/02/24
2	DATE: 11/04/24
1	DATE: --/--/--
1	DATE: --/--/--

THE GARLAND COMPANY, INC.
3800 EAST 91st STREET – CLEVELAND, OHIO 44105–2197
PHONE (800) 321–9336 / FAX (216) 641–0633

JOB NUMBER: 39779
SHEET: 25 OF 38
1

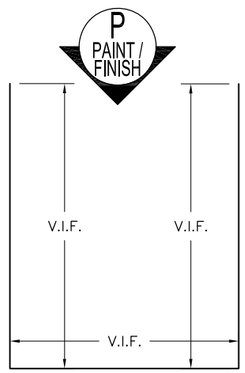
PART	EAVE TRIM	S/O	TRIM INCH
QTY	21 PCS		X 120"
MTL	ALUMINUM	.040"	



CUSTOMER APPROVAL	

DETAIL	LIN. FT
R/18A	±206
TOTAL	±206

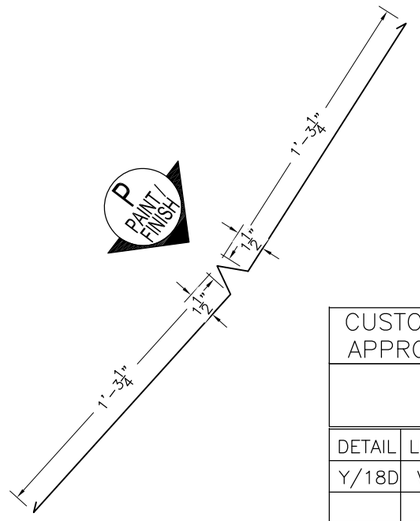
PART	HIP TRIM	S/O	TRIM INCH
QTY	34 PCS		X 120"
MTL	ALUMINUM	.040"	



CUSTOMER APPROVAL	

DETAIL	LIN. FT
R/18A	±206
TOTAL	±206

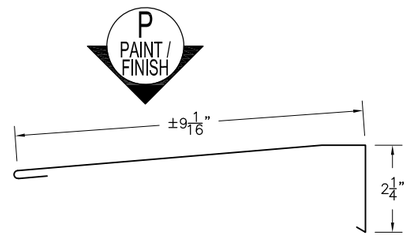
PART	VALLEY TRIM	S/O	TRIM INCH
QTY	V.I.F. PCS		X 120"
MTL	ALUMINUM	.040"	



CUSTOMER APPROVAL	

DETAIL	LIN. FT
Y/18D	V.I.F.
TOTAL	V.I.F.

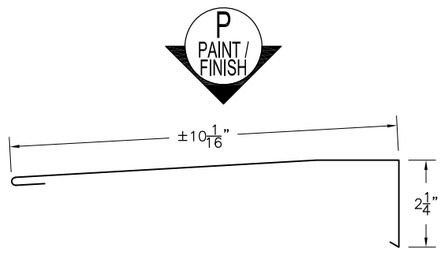
PART	SHED RIDGE TO RAKE TRIM	S/O	TRIM INCH
QTY	V.I.F. PCS		X 120"
MTL	ALUMINUM	.040"	



CUSTOMER APPROVAL	

DETAIL	LIN. FT
A4/18F	V.I.F.
TOTAL	V.I.F.

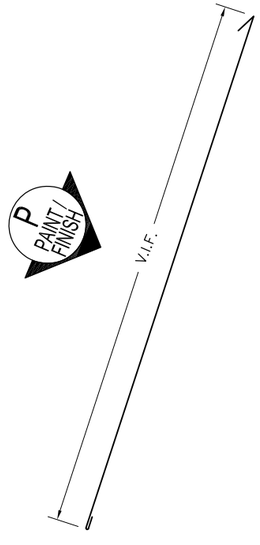
PART	HIP TO RAKE TRIM	S/O	TRIM INCH
QTY	V.I.F. PCS		X 120"
MTL	ALUMINUM	.040"	



CUSTOMER APPROVAL	

DETAIL	LIN. FT
A5/18F	V.I.F.
TOTAL	±25

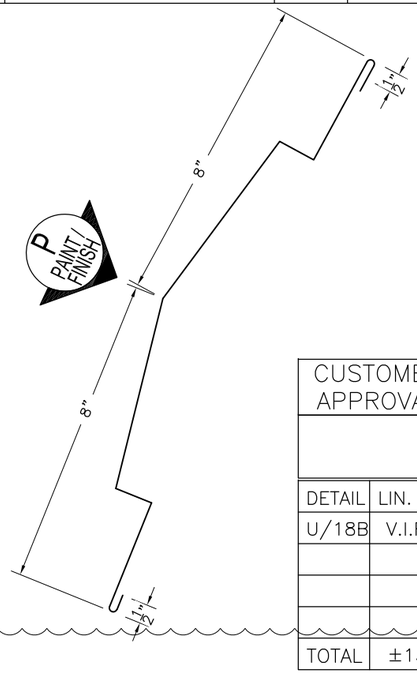
PART	PANEL TO BUR TRIM	S/O	TRIM INCH
QTY	V.I.F. PCS		X 120"
MTL	ALUMINUM	.040"	



CUSTOMER APPROVAL	

DETAIL	LIN. FT
A3/18E	V.I.F.
TOTAL	V.I.F.

PART	HIP TRIM	S/O	TRIM INCH
QTY	V.I.F.		X 120"
MTL	ALUMINUM	.040"	



CUSTOMER APPROVAL	

DETAIL	LIN. FT
U/18B	V.I.F.
TOTAL	±134

FOR REVIEW

2

VENTURA UNIFIED SD- PORTOLA ELEMENTARY
6700 EAGLE STREET, VENTURA, CA 93003

ARCHITECT: NA
DATE: 09/23/24 | DWG BY: MEC | CHK BY: MB
PM: AMANDA TANT
CONNOLTE

CUSTOMER: NA
AGENT: JASON MORONNOLTE

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1	--/--/--
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