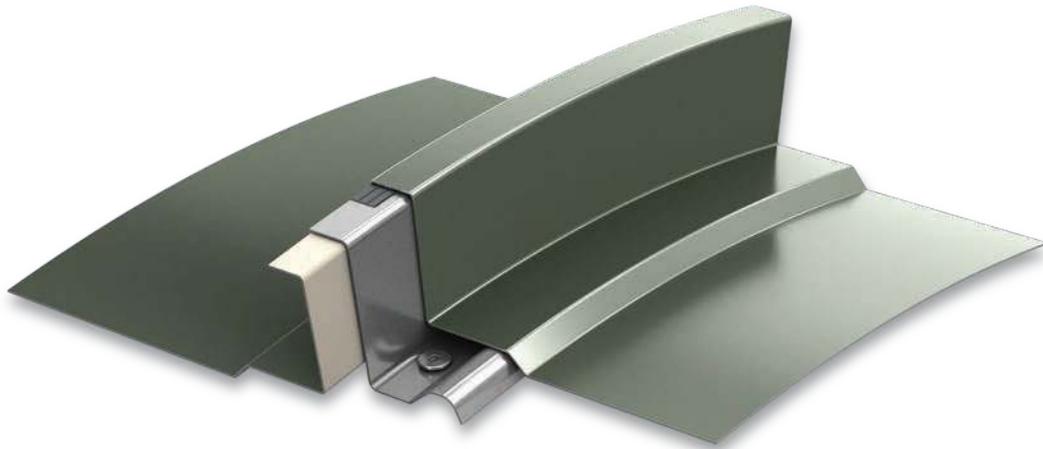


# CURVED ZEE-LOCK PANEL INSTALLATION DETAILS



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- A. **BERRIDGE CURVED ZEE-LOCK PANEL:** THE CURVED ZEE-LOCK PANEL IS FIELD CURVED FROM STRAIGHT ZEE-LOCK PANELS USING THE BERRIDGE ZC-21 PORTABLE CURVER

THE CURVED ZEE-LOCK PANEL IS FACTORY FABRICATED AND/OR FIELD FABRICATED (USING THE BERRIDGE SP-21 PORTABLE ROLL FORMER) TO A CONSTANT PAN WIDTH OF 16" AND A CONSTANT SEAM HEIGHT OF 2". THE BERRIDGE ZEE-LOCK SIDE LAPS ARE MECHANICALLY SEAMED IN THE FIELD WITH THE BERRIDGE POWER DRIVEN SEAMER MACHINE.

- B. **MINIMUM/MAXIMUM RADIUS:**

1. MINIMUM RADIUS FOR THE BERRIDGE CURVED ZEE-LOCK PANEL IS 20'-0".

2. THERE IS NO RESTRICTIONS ON THE MAXIMUM RADIUS OTHER THAN THE REQUIREMENT FOR ADEQUATE SLOPE TO PROVIDE DRAINAGE AND TO AVOID PONDING OF WATER, OR BUILD UP OF SNOW OR ICE.

- C. **MATERIAL STORAGE:** CAUTION MUST BE EXERCISED IN STORAGE OF MATERIAL PRIOR TO INSTALLATION. KEEP ALL BERRIDGE PREFINISHED MATERIAL IN A DRY LOCATION WITH ADEQUATE VENTILATION AND OUT OF DIRECT SUNLIGHT.

EXPOSURE TO DIRECT SUNLIGHT AND/OR MOISTURE MAY CAUSE THE FACTORY APPLIED STRIPPABLE PLASTIC FILM TO ADHERE TO THE METAL PERMANENTLY AND DISCOLOR THE FINISH. IF THIS SHOULD OCCUR THE PAINT WARRANTY WILL BE VOID.

- D. **STRIPPABLE FILM:** THE STRIPPABLE PLASTIC FILM WHICH IS APPLIED OVER MOST BERRIDGE PREFINISHED PRODUCTS, PANELS, FLASHINGS, COILS AND FLAT SHEETS MUST BE REMOVED PRIOR TO INSTALLATION

- E. **SOLID SHEATHING REQUIREMENTS:** BERRIDGE MANUFACTURING COMPANY RECOMMENDS THE USE OF EITHER A MINIMUM 22 GAUGE CORRUGATED METAL DECK OR A MINIMUM OF 1/2" WOOD SHEATHING TO PROVIDE SUFFICIENT HOLDING POWER FOR FASTENERS. CONTACT BERRIDGE MANUFACTURING'S ENGINEERING DEPARTMENT FOR USE OF ANY OTHER TYPE OF SOLID SHEATHING. SUBSTRATE SHOULD BE LEVEL TO 1/4" IN 20'-0".

FOR ASSEMBLIES WITH RIGID INSULATION OVER THE STRUCTURAL DECK, PROVIDE WOOD BLOCKING EQUAL TO THE DEPTH OF THE INSULATION AT THE PERIMETERS.

NOTE: FOR PROJECTS REQUIRING UL 90 ASSEMBLY, REFER TO UL 90 DETAILS.



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F. SHEATHING INSPECTION:

1. SHEATHING END JOINTS SHOULD BE STAGGERED.
2. ALL END JOINTS SHOULD MEET AT EITHER A JOIST OR RAFTER.
3. BLOCKING OR "H" CLIPS SHOULD BE USED IF JOINTS DO NOT REMAIN FLAT UNDER THE WEIGHT OF WORKMEN.
4. USE SHIMS TO KEEP ENTIRE SUBSTRATE EVEN; UNEVEN SUBSTRATE WILL RESULT IN "OIL-CANNING" IN THE PANELS. SUBSTRATE SHOULD BE LEVEL TO 1/4" IN 20'-0".
5. ALL CUTS AT PENETRATIONS SHOULD BE TIGHT, WITHOUT GAPS.
6. USE WOOD FRAMED CRICKETS AT LARGE PENETRATIONS.
7. MAKE SURE SUBSTRATE JOINTS ARE TIGHT AT ALL HIPS, VALLEYS AND RIDGES.

G. INSTALLATION OVER OPEN FRAMING: DIAPHRAGM CAPABILITIES AND PURLIN STABILITY ARE NEGLIGIBLE AS PROVIDED BY THE BERRIDGE CURVED ZEE-LOCK PANEL SYSTEM, THEREFORE OTHER BRACING WILL BE REQUIRED TO CONFORM TO AISI SPECIFICATIONS.

H. OPEN FRAMING INSPECTION:

1. PURLINS SHOULD BE ALIGNED WITH TOP FLANGES IN THE SAME PLANE TO A TOLERANCE OF 1/4" IN 20'-0". UNEVENNESS IN THE TOP PLANE OF THE PURLINS WILL RESULT IN ABNORMAL "OIL CANNING" PANELS. PURLINS SHALL BE ADEQUATELY BRACED.
2. BERRIDGE MANUFACTURING COMPANY RECOMMENDS SOLID SHEATHING IN VALLEY AND AROUND ROOF PENETRATIONS. DO NOT APPLY PANELS ON OPEN FRAMING AT VALLEYS OR ROOF PENETRATIONS WITHOUT REFERING TO DETAILS CZ-72, CZ-73, CZ-85 AND CZ-86.
3. FOOT TRAFFIC ON THE PANELS MUST BE KEPT TO A MINIMUM. ARCHITECTURAL PANELS ARE DESIGNED FOR AESTHETICS AND CAN BE EASILY DAMAGED OR DEFORMED IF EXTREME CARE IS NOT USED.

I. FASCIA/RAKE INSPECTION:

1. STRIKE A LINE THE FULL LENGTH OF THE FASCIA OR RAKE. IF NOT STRAIGHT, CORRECT WITH SHIMS.
2. MAKE SURE FASCIA/RAKE IS FLUSH WITH SHEATHING.

J. UNDERLAYMENT: BERRIDGE APPROVED 40 MIL MINIMUM, HIGH TEMPERATURE PEEL & STICK UNDERLAYMENT MUST BE APPLIED OVER SOLID SHEATHING AS SHOWN IN THE BERRIDGE MANUFACTURING COMPANY TYPICAL CURVED ZEE-LOCK, AND UNDERLAYMENT INSTALLATION DETAILS. THE USE OF ADDITIONAL LAYERS OF UNDERLAYMENT IS REQUIRED ON LOW-SLOPED ROOFS, AT ALL VALLEY CONDITIONS, AT ROOF PENETRATIONS, AND CERTAIN OTHER FLASHING CONDITIONS AS DEPICTED THROUGHOUT THE CURVED ZEE-LOCK TYPICAL DETAILS. BERRIDGE REQUIRES STRIP IN LAYERS OF BERRIDGE APPROVED PEEL & STICK TO BE 36" OR FULL ROLL AT VALLEY FLASHING AND SQUARE ROOF PENETRATION LOCATIONS, AND MINIMUM 12" AT ALL OTHER FLASHING LOCATIONS. FOR ALL WATERTIGHTNESS WARRANTIES, THE UNDERLAYMENT MUST BE SELECTED FROM THE BERRIDGE APPROVED PEEL AND STICK UNDERLAYMENT AND SEALANTS LIST. BOTH UNDERLAYMENT INSTALLATION DETAILS AND APPROVED UNDERLAYMENTS AND SEALANTS LIST CAN BE FOUND ON BERRIDGE'S WEBSITE: [WWW.BERRIDGE.COM](http://WWW.BERRIDGE.COM)

APPROVED UNDERLAYMENTS AND SEALANTS

UNDERLAYMENT INSTALLATION DETAILS



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**K. UNDERLAYMENT INSTALLATION:**

1. DO NOT USE ROSIN PAPER UNDER METAL ROOFING PANELS.
2. SWEEP ROOF AREA CLEAN.
3. INSTALL VALLEY UNDERLAYMENT FIRST.
4. INSTALL UNDERLAYMENT PARALLEL TO EAVE (2 LAYERS REQUIRED AT EAVE), STARTING AT EAVE AND USING MINIMUM 6" LAPS. 2 LAYERS REQUIRED AT EAVE REGARDLESS OF SLOPE.
5. REFER TO UNDERLAYMENT DETAILS WHEN VALLEYS OR ROOF PENETRATIONS ARE INVOLVED.
6. INSULATE BETWEEN WOOD BLOCKING AND METAL WITH BERRIDGE APPROVED PEEL AND STICK UNDERLAYMENT.

**L. THERMAL MOVEMENT:** EXPANSION AND CONTRACTION OF METAL PANELS WHICH EXCEED THIRTY FEET IN LENGTH CAN BE A FACTOR IN THE DESIGN AND INSTALLATION OF FLASHING. PLEASE REFER TO THE GALVALUME LINEAR EXPANSION CHART ON PAGE CZI-6 (GL) TO DETERMINE ANTICIPATED THERMAL MOVEMENT OF THE PANELS. IMPROPERLY DESIGNED FLASHING CAN ALLOW PANELS TO DISENGAGE FROM THE FLASHING, ALLOW OIL-CANNING IN THE PANEL AND/OR CAUSE FLASHING TO WORK LOOSE FROM ITS ANCHORAGE.

PANELS OVER 30'-0" LONG REQUIRE EXPANSION CLIPS WHEN USED WITH CONTINUOUS ZEE-RIB. REFER TO DETAIL CZ-5 OVER SOLID SHEATHING, AN ALTERNATE DETAIL CZ-6 MAY BE UTILIZED WITH ZEE-RIBS OF 10'-0" OR LESS.

**M. ELECTROLYSIS:** AVOID ALLOWING FLASHINGS AND PANELS TO COME INTO CONTACT WITH EITHER LEAD OR COPPER AND PREVENT EXPOSURE TO WATER RUNDOWN FROM COPPER AND/OR LEAD.

**N. SEALANT REQUIREMENTS:** FOR A FULL LIST OF APPROVED SEALANTS VISIT: [WWW.BERRIDGE.COM](http://WWW.BERRIDGE.COM)  
APPROVED UNDERLAYMENTS AND SEALANTS

**O. FLASHING:** IF BERRIDGE MANUFACTURING COMPANY IS TO SUPPLY FLASHINGS, ALL FLASHINGS WILL BE FABRICATED IN 10'-0" LENGTHS WITH SQUARE END CUTS ONLY. THE PURCHASER MUST PROVIDE ALL DIMENSIONS AND DEGREE OF ANGLES.

**FLASHING INSTALLATION:**

1. REMOVE STRIPPABLE PLASTIC FILM FROM ALL FLASHINGS PRIOR TO INSTALLATION.
2. ALWAYS STAGGER JOINTS WHEN ONE FLASHING IS INSTALLED OVER OTHER FLASHINGS.
3. INSTALL ALL FLASHINGS AS PER BERRIDGE TYPICAL DETAILS.
4. ALL FLASHINGS ARE TO BE DESIGNED AND INSTALLED TO NOT TRAP WATER.

NOTE: WHEN USING POP RIVETS ON FLASHING, STAINLESS STEEL RIVETS ARE RECOMMENDED TO AVOID RUST STAINS. USE #12 PANCAKE HEAD ZINC PLATED FASTENERS FOR FLASHING INSTALLATION. MAKE SURE ALL FASTENERS ARE DRIVEN STRAIGHT AND SET FLAT. DO NOT OVERDRIVE FASTENERS AS THIS WILL CAUSE THE FLASHINGS TO BUCKLE OR BECOME RECESSED BELOW THE ELEVATION OF THE SUBSTRATE.



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- P. PANELS: BERRIDGE MANUFACTURING COMPANY WILL PROVIDE SQUARE END CUTS ONLY ON ALL ZEE-LOCK PANELS. COMPUTATION OF ALL QUANTITIES AND DIMENSIONS ARE THE RESPONSIBILITY OF THE PURCHASER. PANELS ARE TO BE FIELD CUT WITH SNIPS, NIBBLER, AND/OR SHEARS ONLY.
- Q. PANEL INSTALLATION:
1. REMOVE STRIPPABLE PLASTIC FILM FROM EACH PANEL PRIOR TO INSTALLATION.
  2. START PANEL INSTALLATION AT GABLE END OF THE ROOF, WORKING TOWARD THE OTHER GABLE END. MAKE SURE PANELS ARE PERPENDICULAR TO THE EAVE. AT VALLEY AREAS, MAKE SURE PANELS ARE INSTALLED SO THAT DRAINAGE HAS FREE FLOW AND IS NOT OBSTRUCTED BY PANEL SEAMS.
  3. INSTALL THE CONTINUOUS ZEE-RIB ALONG THE LEADING MALE LEG OF EACH PANEL AS PER BERRIDGE TYPICAL DETAILS AND INSTALLATION NOTES.
  4. USE BERRIDGE SEAMER AT PANEL SIDE LAPS.
  5. EACH PANEL IS TO BE KEPT TIGHT AGAINST THE LEG OF THE ADJOINING PANEL. NEVER PERMIT A GAP BETWEEN VERTICAL LEGS. ANY CRIMPS IN VERTICAL LEGS MUST BE STRAIGHTENED (TOTALLY STRAIGHT WITHOUT ANY BENDS, CRIMPS, CREASES, ETC.) PRIOR TO SEAM INSTALLATION.
  6. KEEP PANELS ALIGNED SO THAT SEAMS MATCH AT HIPS, VALLEYS AND WHERE VERTICAL PANELS ADJOIN ROOF PANELS. DO NOT INSTALL LONG CONTINUOUS RUNS OF PANELS ALL AT ONE TIME WHERE SEAM LINES MUST MATCH. INSTALL TEN OR TWELVE PANELS IN ONE ELEVATION AND THEN FOLLOW WITH A LIKE NUMBER OF PANELS ON THE OTHER ELEVATION. WHEN YOU INSTALL PANELS IN THIS MANNER, YOU WILL BE ABLE TO MAKE ANY ADJUSTMENTS REQUIRED TO INSURE SEAM MATCHING.
  7. METALLIC FINISHES:  
PANEL INSTALLATION: NOTE THE SERIES OF ARROWS PAINTED ON THE UNDERSIDE OF THE PANEL. ALL PANELS MUST BE INSTALLED IN CONSISTENT MANNER, MEANING THAT THE ARROWS ON EVERY PANEL ARE ALL POINTING IN THE SAME DIRECTION. IF A PANEL IS REVERSED (ARROWS POINTING OPPOSITE OF THOSE ON OTHER PANELS) IT WILL APPEAR FROM A DISTANCE, A DIFFERENT SHADE DUE TO THE GRANULAR EFFECT OF THE PIGMENTS IN THE FINISH. METALLIC FINISHES ARE MATCH - LOT FINISHES. DO NOT MIX LOTS.
- R. PANEL SEAM: THE BERRIDGE CURVED ZEE-LOCK PANEL IS A MECHANICALLY SEAMED PANEL BY USE OF A BERRIDGE SEAMER MACHINE.
- S. SEAMER INSTRUCTIONS:
1. PREPARE THE SIDE LAP SEAM FOR MACHINE SEAMING BY CRIMPING THE STARTING END OF THE SIDE LAP USING THE BERRIDGE HAND CRIMPER TOOL. THIS CREATES A SEAMED AREA WHERE THE SEAMER MACHINE WILL BE POSITIONED TO COMMENCE SEAMING THE SIDE LAP.
  2. HAND SEAM TERMINATING END OF SIDE LAP IF OBSTRUCTION PREVENTS SEAMING MACHINE FROM SEAMING SIDE LAP ALL THE WAY UP TO THE END.
  3. DO NOT LET SEAMER TRAVEL OFF END OF PANEL AND OVER EDGE OF EAVE. SEAMER DOES NOT AUTOMATICALLY SHUT OFF AT END OF SEAM.
  4. ROOF SLOPES WITH A RISE OF MORE THAN 6" ON 12" SHOULD BE SEAMED IN A DOWNHILL DIRECTION. ATTEMPTING TO RUN SEAMER UP HILL ON STEEP SLOPE ROOFS MAY CAUSE ROLLER DIES TO SLIP AND RUB PAINT OFF PANEL LEGS.
  5. REFER TO OPERATIONS MANUAL FOR IN-DEPTH INSTRUCTIONS AND MAINTENANCE PROCEDURES.
  6. THE MACHINE SEAMING OF THE ZEE-LOCK PANEL IS DONE IMMEDIATELY AFTER THE INSTALLATION OF EACH PANEL.



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CZI-4

T. CONTINUOUS ZEE-RIB WITH VINYL WEATHERSEAL: IS TO BE FIELD CURVED WITH THE BERRIDGE ZC-21 PORTABLE CURVER

1. INSTALL ZEE-RIB AS PER BERRIDGE TYPICAL ZEE-LOCK PANEL DETAILS.

2. THE ZEE-RIB IS TO RUN CONTINUOUS ALONG THE ENTIRE LENGTH OF THE PANELS. IF PANEL LENGTH IS OVER 30'-0" LONG OR EXPANSION AND CONTRACTION OF PANELS IS A DESIGN FACTOR, REFER TO DETAIL CZ-5. ALTERNATE DETAIL CZ-6 MAY BE UTILIZED WITH ZEE-RIBS OF 10'-0" OR LESS.

3. VINYL WEATHERSEAL REQUIRED FOR ALL CURVED APPLICATIONS.

\*NOTE: IF LOCAL CODES OR OTHER REGULATIONS DICTATE SPECIFIC WIND UPLIFT REQUIREMENTS, CONSULT BERRIDGE ENGINEERING DEPARTMENT, AS IT MAY BE NECESSARY TO USE A DIFFERENT FASTENER PATTERN.

U. FASTENERS: INSTALL FASTENERS AS PER TYPICAL DETAILS. USE LOAD CHARTS UNDER THE "DOWNLOADS" TAB ON WWW.BERRIDGE.COM FOR FASTENER RECOMMENDATIONS ACCORDING TO SUBSTRATE.\*\*

ZEE-LOCK LOAD CHARTS

MAKE SURE ALL FASTENERS ARE DRIVEN STRAIGHT AND SET FLAT. DO NOT OVERDRIVE FASTENERS AS THIS WILL CAUSE THE CLIP AND/OR FLASHINGS TO BUCKLE OR BECOME RECESSED BELOW THE ELEVATION OF THE SUBSTRATE.

\*\*CONSULT BERRIDGE MANUFACTURING'S ENGINEERING DEPARTMENT REGARDING THE USE OF ANY OTHER TYPE OF FASTENER.

V. UNDERWRITERS LABORATORIES RATINGS: THE BERRIDGE CURVED ZEE-LOCK PANEL COMPLIES WITH UL TEST PROCEDURE NO. 580 "TEST FOR WIND UPLIFT RESISTANCE OF ROOF ASSEMBLIES" CLASS UL 90 REFER TO DETAILS CZ-90 - CZ-96, REFER TO DETAILS CZ-100 - CZ-102 FOR HOURLY UL FIRE RESISTANCE DESIGN ASSEMBLIES.

BERRIDGE MANUFACTURING COMPANY STRIVES TO PROVIDE ITS CUSTOMERS WITH THE HIGHEST QUALITY STRETCHER LEVELLED STEEL AVAILABLE. THE LATEST TECHNOLOGY IS ALSO INCORPORATED IN BERRIDGE'S HIGH-PRECISION COIL HANDLING AND ROLL FORMING EQUIPMENT TO MINIMIZE THE STRESS ON METAL DURING PRODUCTION. ALL THESE MEASURES HAVE BEEN TAKEN TO MINIMIZE THE AMOUNT OF "OIL-CANNING" (WAVINESS) WHICH IS NATURALLY INHERENT IN FLAT SHEET METAL. MANY TIMES; HOWEVER, THE CAUSE OF WAVINESS OR "OIL-CANNING" CAN BE TRACED TO UNEVEN SHEATHING, IMPROPER UNDERLAYMENT INSTALLATION, OR IN THE CASE OF OPEN FRAMING, UNEVENNESS OF THE TOP PLANE OF THE PURLINS OR FOOT TRAFFIC ON THE PANELS.

ALL ARCHITECTURAL PANELS REQUIRE CARE IN HANDLING AND INSTALLATION TO AVOID DAMAGING OR DEFORMING THE PANELS.

THESE INSTALLATION INSTRUCTIONS AND THE FOLLOWING TYPICAL DETAILS ARE INTENDED TO PROVIDE OUR CUSTOMERS WITH THE INFORMATION REQUIRED FOR AN AESTHETICALLY PLEASING AND FUNCTIONAL INSTALLATION OF THE BERRIDGE CURVED ZEE-LOCK PANEL SYSTEM.

NOTE: ALL PRODUCT SPECIFICATIONS, DETAILS AND INSTALLATION INSTRUCTIONS SUBJECT TO CHANGE WITHOUT NOTICE. FOR SPECIFIC PROJECT DETAILS, CONTACT BERRIDGE.



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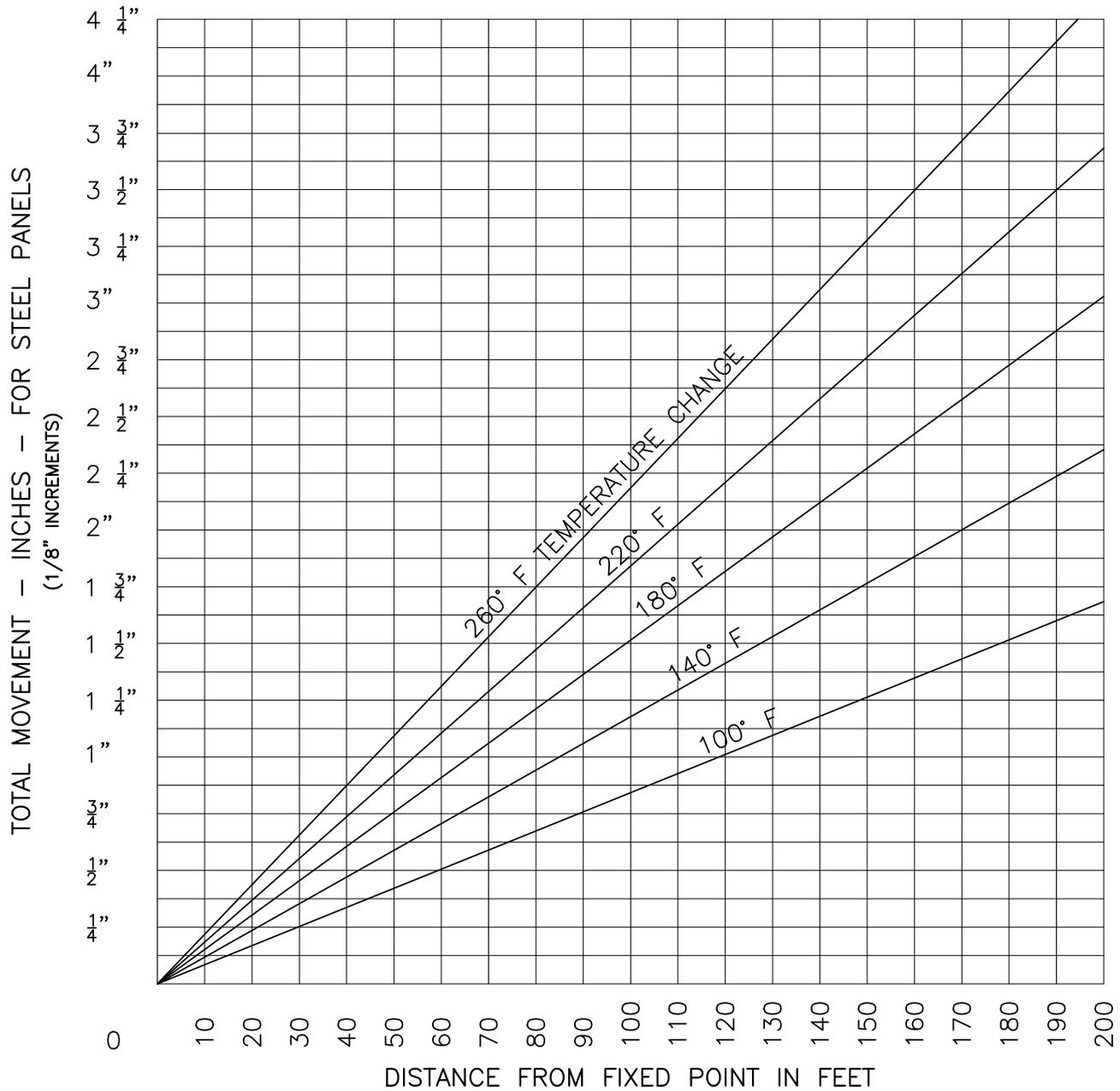
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EXPANSION AND CONTRACTION OF METAL PANELS DUE TO LONGITUDINAL THERMAL MOVEMENT MUST BE CONSIDERED IN BOTH DESIGN AND INSTALLATION. THE ABOVE CHART EMPHASIZES THE NEED TO PROVIDE AMPLE CLEARANCES FROM GUTTERS, RIDGES, ENDWALL, ETC.

MAXIMUM TEMPERATURE SHOULD BE NO LOWER THAN 140°F FOR WHITE PANELS, UP TO 180° FOR DARK PAINTED PANELS, REGARDLESS OF AMBIENT MAXIMUM, MINIMUM SHOULD BE FIGURED WELL BELOW AMBIENT MINIMUM TO ALLOW FOR RADIATION TO NIGHT SKY. IN ANY CASE, A MINIMUM OF 100°F DIFFERENTIAL IS RECOMMENDED.



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NOMINAL LINEAR EXPANSION

METAL PANEL EXPANSION CHART

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CZI-6(GL)

THE DETAILS CONTAINED IN THE FOLLOWING PAGES ARE MERELY RECOMMENDATIONS AS TO HOW BERRIDGE MANUFACTURING MATERIALS SHOULD BE INSTALLED. THEY MAY REQUIRE ADAPTATIONS OR MODIFICATIONS FOR A SPECIFIC PROJECT AS CONDITIONS VARY IN BOTH BUILDING DESIGN AND LOCAL WEATHER PECULIARITIES.

BERRIDGE MANUFACTURING COMPANY SHOULD BE HELD HARMLESS FROM ANY AND ALL CLAIMS ARISING FROM LACK OF WATERTIGHTNESS AS A RESULT OF FOLLOWING THESE RECOMMENDED DETAILS. ENSURING WATERTIGHTNESS ON ANY GIVEN PROJECT IS THE FUNCTION OF THE INSTALLER. THE ARCHITECT/GENERAL CONTRACTOR/INSTALLER MUST ACCEPT THE RESPONSIBILITY TO ADAPT THESE DETAILS TO MEET PARTICULAR BUILDING REQUIREMENTS AND TO ASSURE ADEQUATE WATERTIGHTNESS.

THE INSTALLER CAN VIRTUALLY ASSURE WATERTIGHTNESS IF THESE FLASHING DETAILS HAVE BEEN PROPERLY ADAPTED, ADEQUATE LAPS HAVE BEEN PROVIDED, CORRECT TYPE OF SEALANT USED, ALL JOINTS ADEQUATELY CAULKED, AND PROFESSIONAL WORKMANSHIP EMPLOYED.



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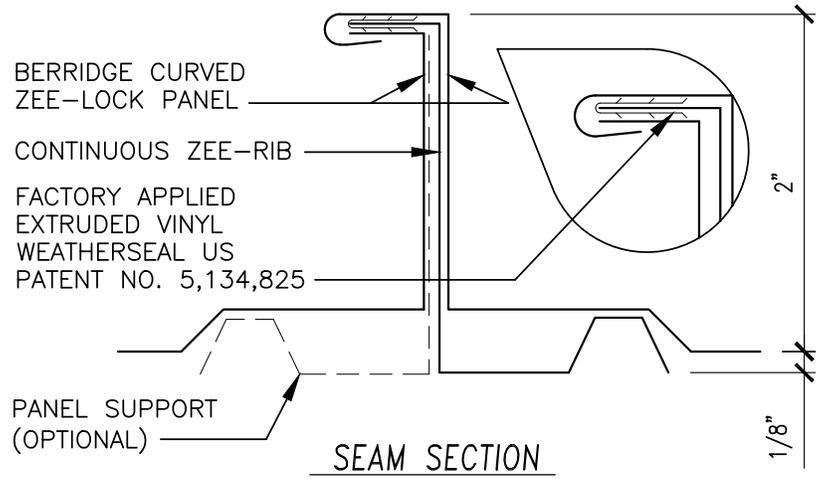
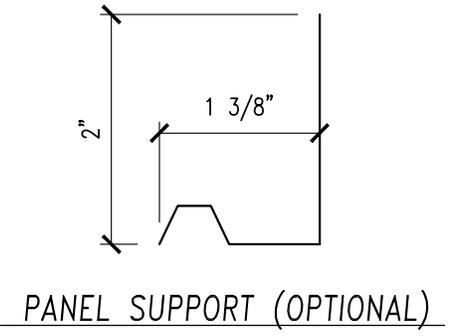
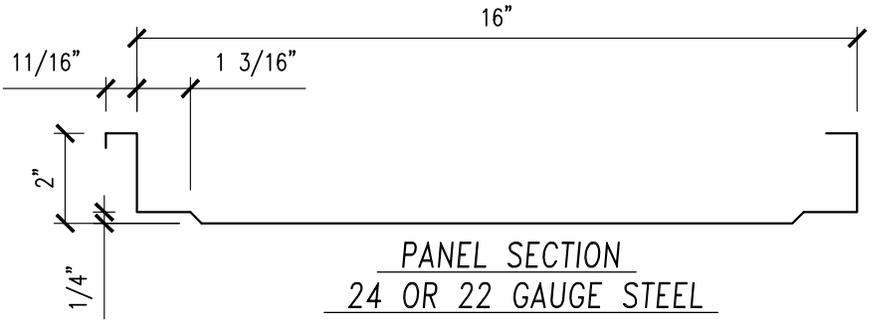
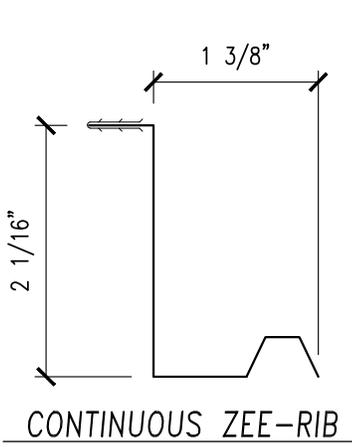
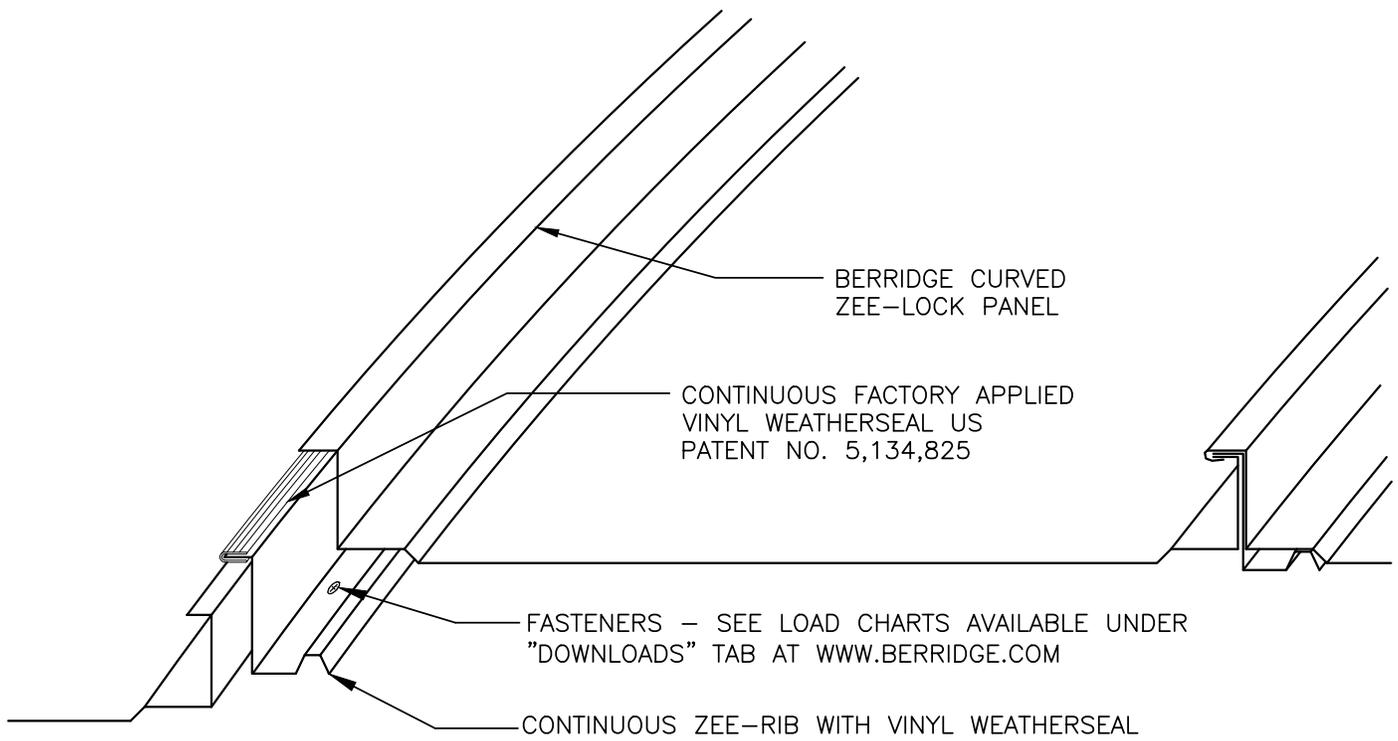
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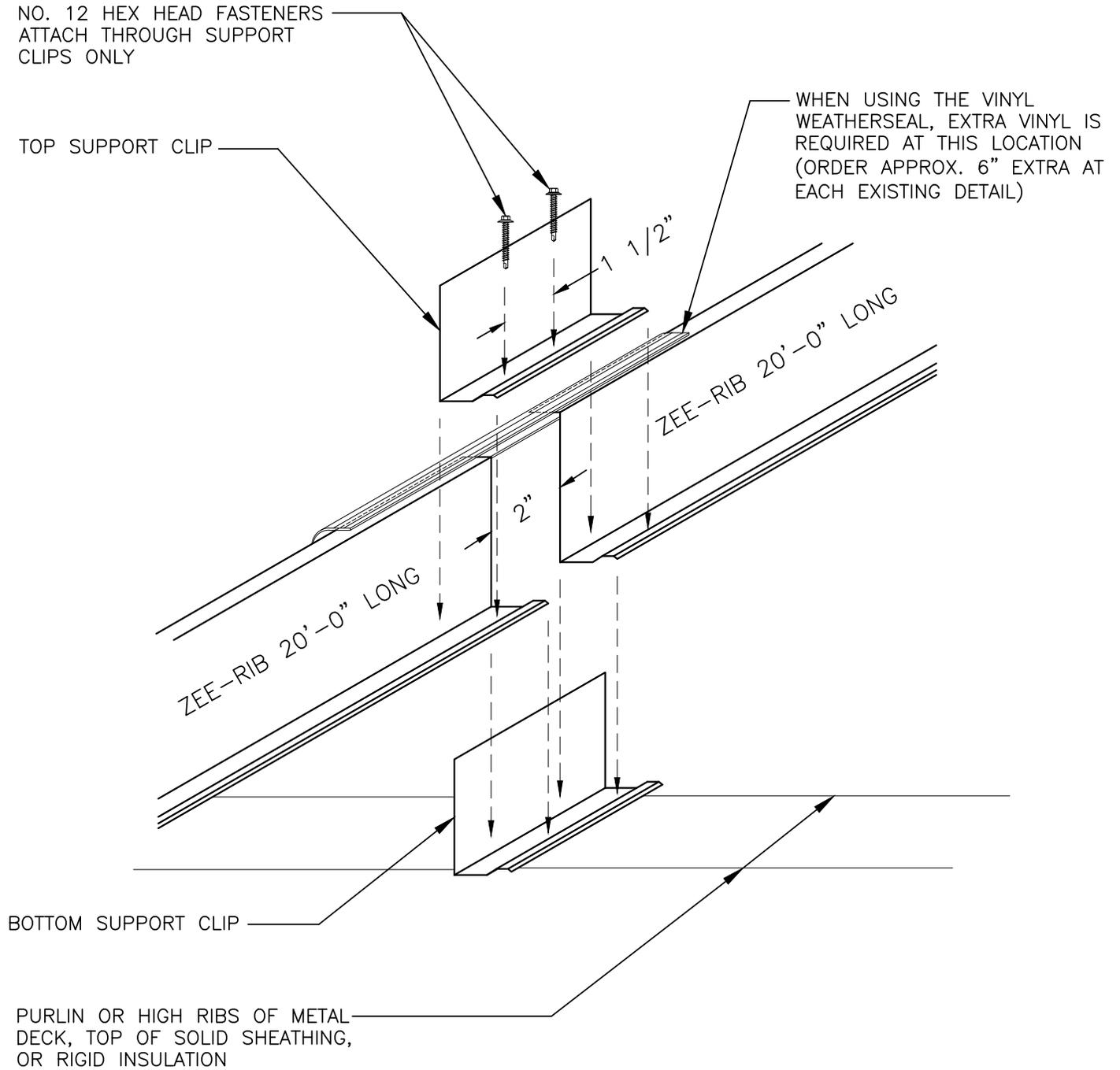
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CZ-3





1. FOR RIBS LESS THAN OR EQUAL TO 10'0" OVER SOLID SHEATHING, AN ALTERNATE DETAIL CZ-6 MAY BE USED.



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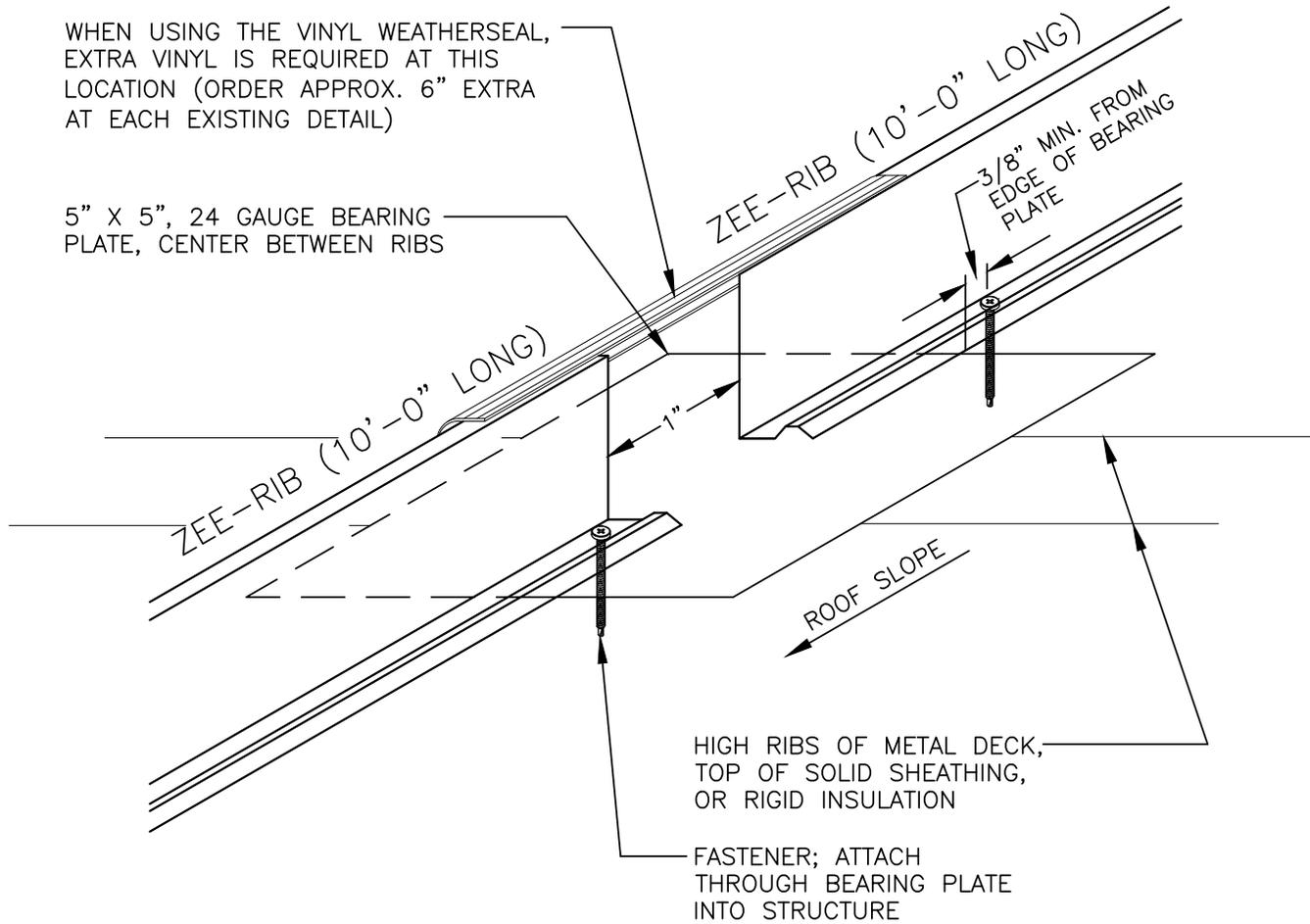
## EXPANSION JOINT DETAIL

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CZ-5



1. ONLY FOR USE WITH 10'-0" ZEE RIB, SEE ALTERNATE DETAIL CZ-5 FOR ZEE RIB LONGER THAN 10 FEET.
2. NOT FOR USE OVER OPEN FRAMING.



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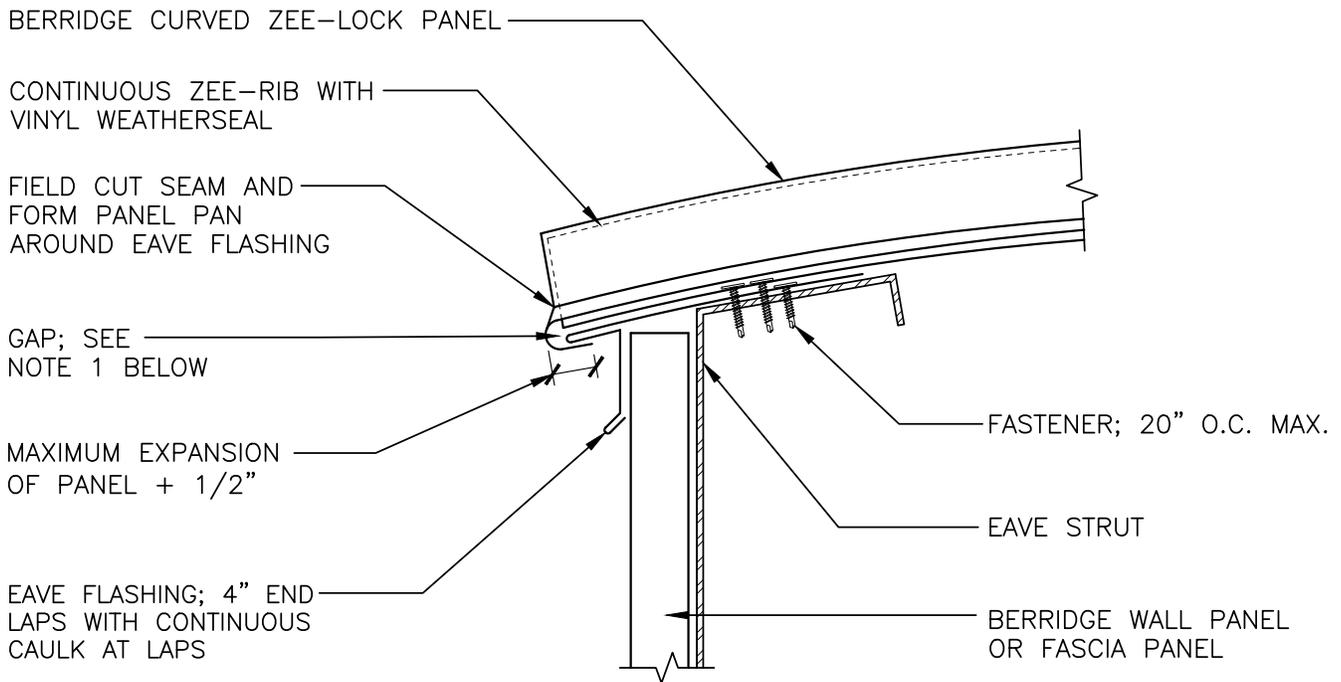
BEARING PLATE DETAIL

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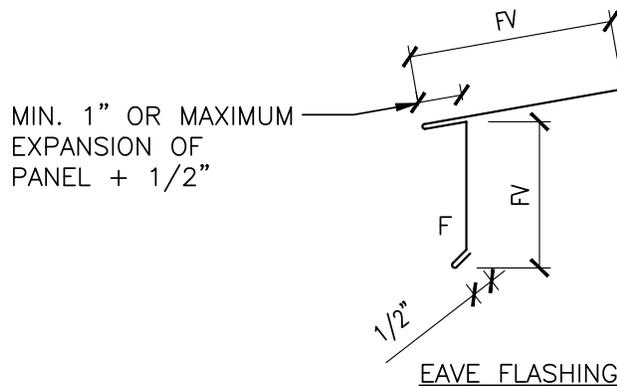
CZ-6



1. THE "GAP" BETWEEN EAVE FLASHING AND PANEL (SEE DETAIL ABOVE) CAN BE INCREASED TO ALLOW FOR LINEAR EXPANSION AND CONTRACTION OF PANELS. NOTE 1/2" OF PAN MUST BE ENGAGED WITH EAVE FLASHING WHEN PANEL HAS EXPANDED TO ITS MAXIMUM LENGTH REFER TO NOMINAL LINEAR EXPANSION CHART (CZI-6)
2. GAP BETWEEN EAVE FLASHING AND PANEL MUST BE ADJUSTED TO SUIT TEMPERATURE DURING INSTALLATION.
3. REFERENCE BERRIDGE'S WEB SITE FOR APPROVED UNDERLAYMENT AND CAULK TYPES CONSULT BERRIDGE MANUFACTURING'S ENGINEERING DEPARTMENT REGARDING FASTENER TYPE & SPACING. (REFERENCE INSTALLATION INSTRUCTIONS & LOAD CHARTS FOR MIN. FASTENER REQUIREMENTS)

NOTE: ALL FLASHING GAUGES TO BE EQUAL TO THE ASSOCIATED PANEL GAUGE UNLESS NOTED OTHERWISE

F = FINISH SIDE  
FV = FIELD VERIFY



BERRIDGE  
MANUFACTURING  
COMPANY

Roofs of Distinction

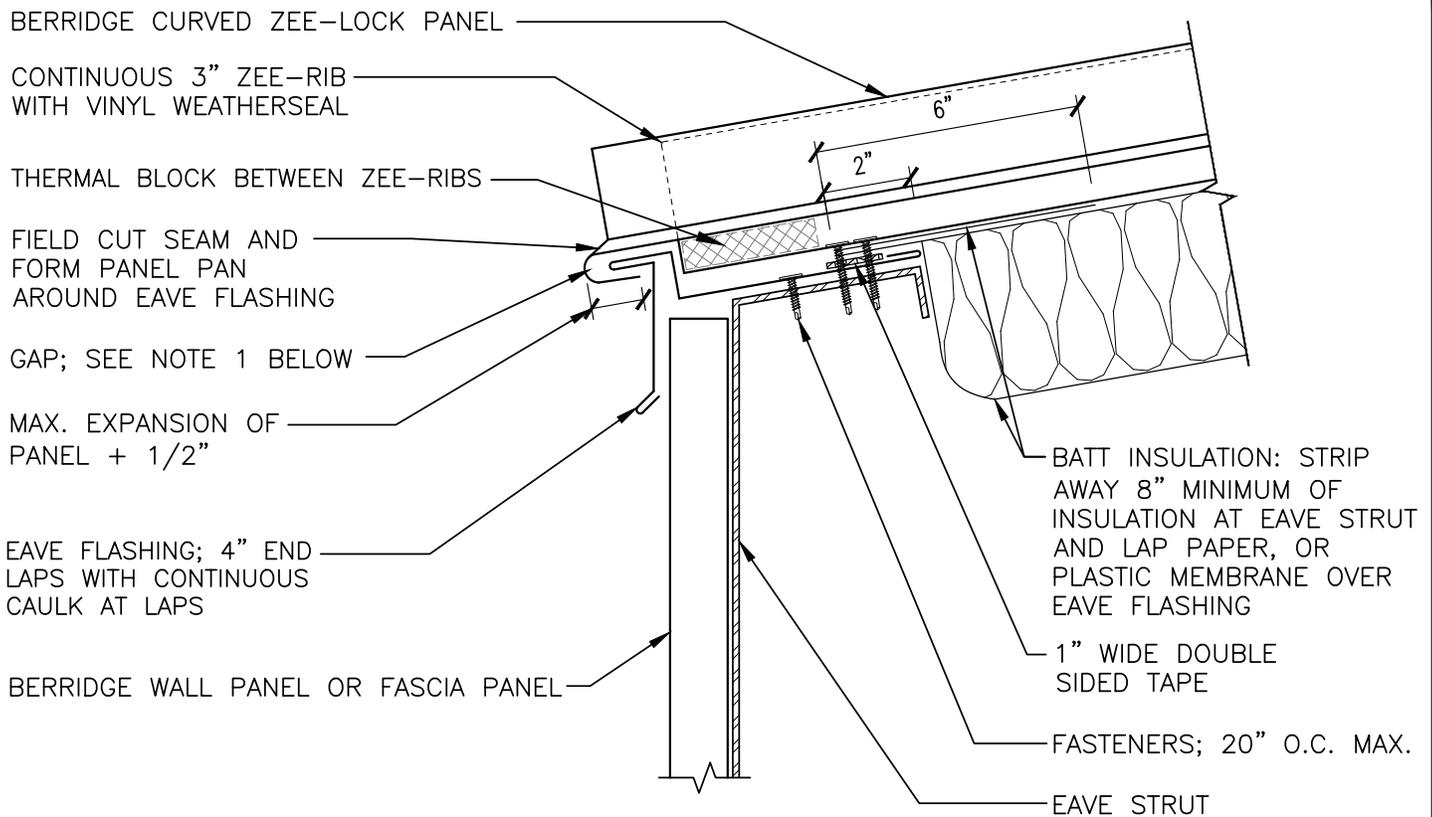
EAVE DETAIL; PANEL TURNDOWN  
OPEN FRAMING

CURVED ZEE-LOCK PANEL

DATE: 9/20

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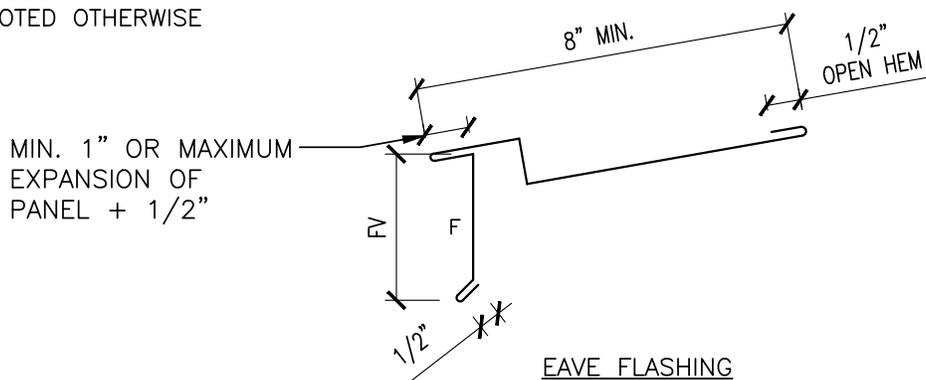
CZ-10



1. THE "GAP" BETWEEN EAVE FLASHING AND PANEL (SEE DETAIL ABOVE) CAN BE INCREASED TO ALLOW FOR LINEAR EXPANSION AND CONTRACTION OF PANELS. NOTE 1/2" OF PAN MUST BE ENGAGED WITH EAVE FLASHING WHEN PANEL HAS EXPANDED TO ITS MAXIMUM LENGTH REFER TO NOMINAL LINEAR EXPANSION CHART
2. GAP BETWEEN EAVE FLASHING AND PANEL MUST BE ADJUSTED TO SUIT TEMPERATURE DURING INSTALLATION.
3. THE 3" ZEE-RIB TO BE USED ON APPLICATIONS WITH BATT INSULATION DRAPED OVER PURLINS WITH A THICKNESS OF GREATER THAN 3".
4. REFERENCE BERRIDGE'S WEB SITE FOR APPROVED UNDERLAYMENT AND CAULK TYPES CONSULT BERRIDGE MANUFACTURING'S ENGINEERING DEPARTMENT REGARDING FASTENER TYPE & SPACING. (REFERENCE INSTALLATION INSTRUCTIONS & LOAD CHARTS FOR MIN. FASTENER REQUIREMENTS)

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FV = FIELD VERIFY



**BERRIDGE  
MANUFACTURING  
COMPANY**

*Roofs of Distinction*

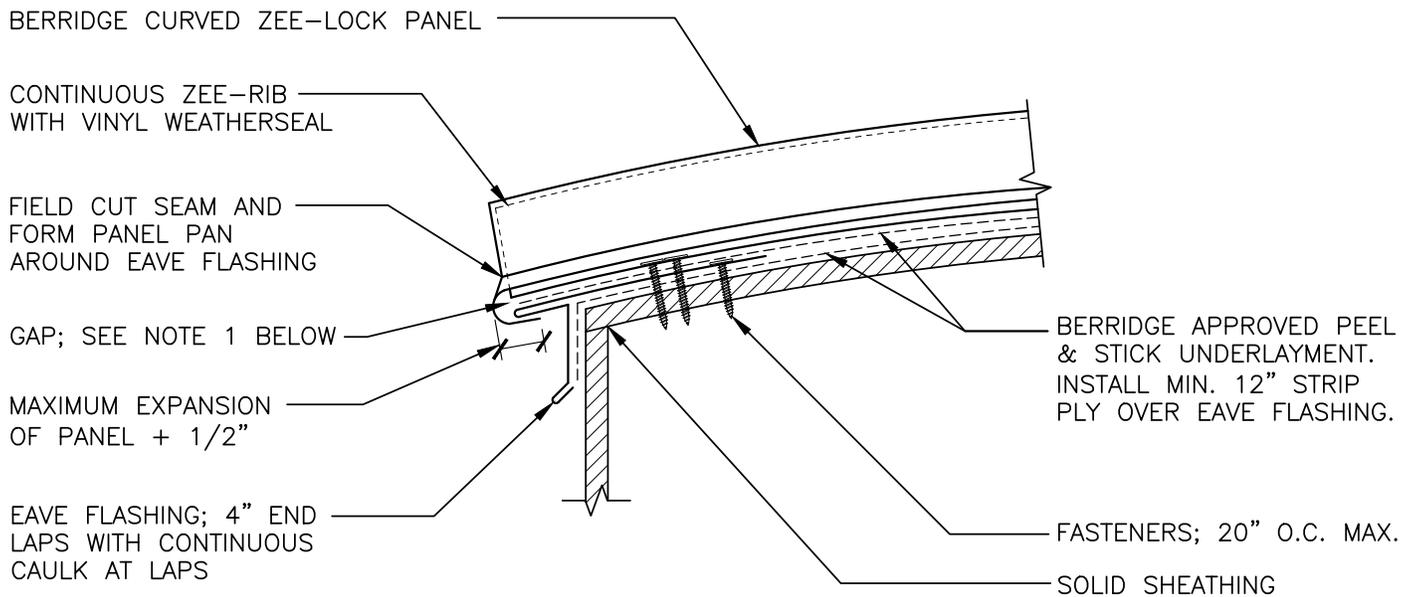
EAVE DETAIL; 3" ZEE-RIB  
OPEN FRAMING

CURVED ZEE-LOCK PANEL

DATE: 9/20

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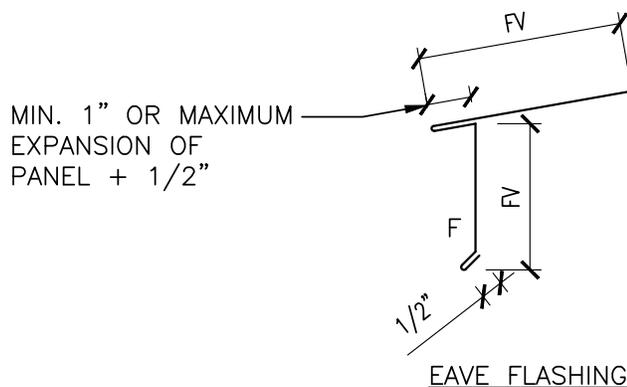
CZ-10T



1. THE "GAP" BETWEEN EAVE FLASHING AND PANEL (SEE DETAIL ABOVE) CAN BE INCREASED TO ALLOW FOR LINEAR EXPANSION AND CONTRACTION OF PANELS. NOTE 1/2" OF PAN MUST BE ENGAGED WITH EAVE FLASHING WHEN PANEL HAS EXPANDED TO ITS MAXIMUM LENGTH REFER TO NOMINAL LINEAR EXPANSION CHART (CZI-6)
2. GAP BETWEEN EAVE FLASHING AND PANEL MUST BE ADJUSTED TO SUIT TEMPERATURE DURING INSTALLATION.
3. SOLID SHEATHING (NOT BY BERRIDGE) TO MEET ENGINEERING AND ARCHITECTURAL SPECIFICATIONS MINIMUM REQUIREMENTS, REFERENCE INSTALLATION INSTRUCTIONS.
4. WHEN THIS DETAIL IS USED DIRECTLY OVER RIGID INSULATION, WOOD BLOCKING OR A MINIMUM 16 GA. SUPPORT IS REQUIRED FOR THE STRUCTURAL ATTACHMENT OF FASTENERS.
5. REFERENCE BERRIDGE'S WEB SITE FOR APPROVED UNDERLAYMENT AND CAULK TYPES CONSULT BERRIDGE MANUFACTURING'S ENGINEERING DEPARTMENT REGARDING FASTENER TYPE & SPACING. (REFERENCE INSTALLATION INSTRUCTIONS & LOAD CHARTS FOR MIN. FASTENER REQUIREMENTS)

NOTE: ALL FLASHING GAUGES TO BE EQUAL TO THE ASSOCIATED PANEL GAUGE UNLESS NOTED OTHERWISE

F = FINISH SIDE  
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BERRIDGE  
MANUFACTURING  
COMPANY

Roofs of Distinction

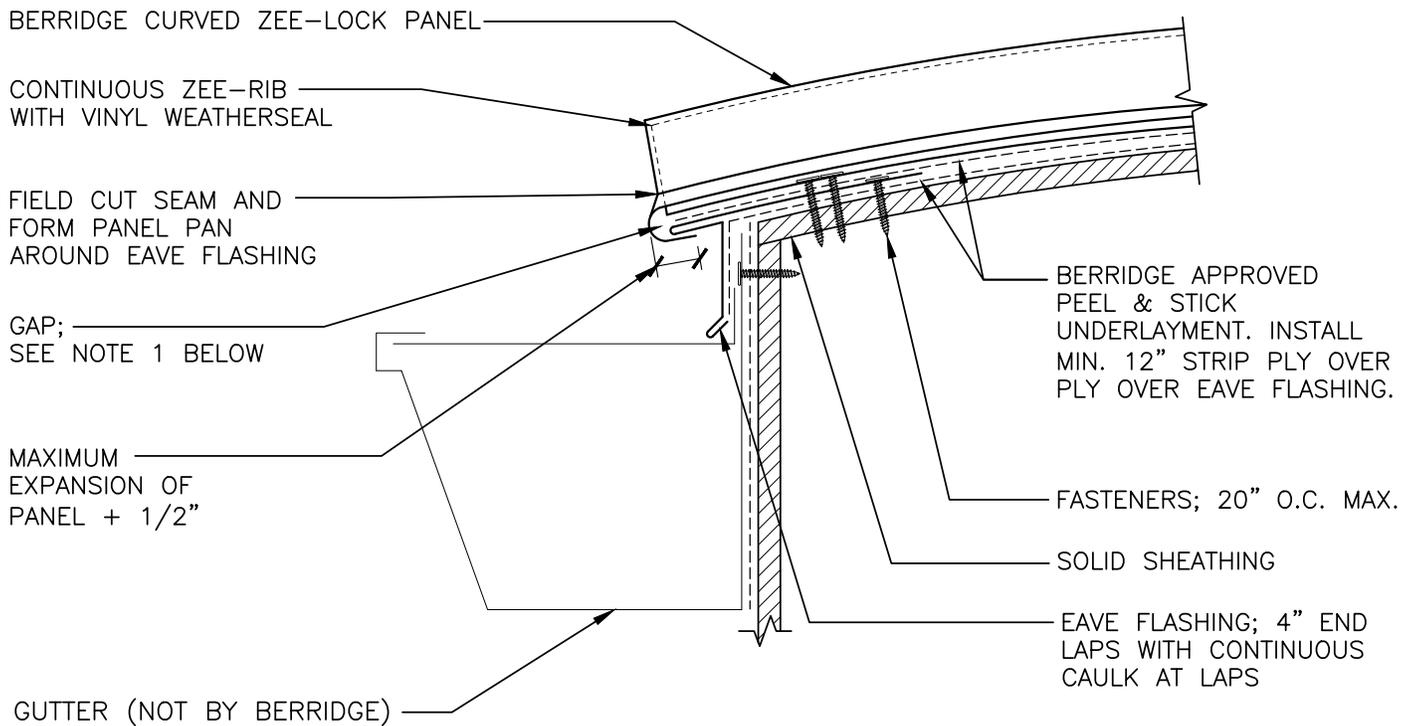
EAVE DETAIL; PANEL TURNDOWN  
SOLID SHEATHING

CURVED ZEE-LOCK PANEL

DATE: 9/20

PAGE\FILE

CZ-11



1. THE "GAP" BETWEEN EAVE FLASHING AND PANEL (SEE DETAIL ABOVE) CAN BE INCREASED TO ALLOW FOR LINEAR EXPANSION AND CONTRACTION OF PANELS. NOTE 1/2" OF PAN MUST BE ENGAGED WITH EAVE FLASHING WHEN PANEL HAS EXPANDED TO ITS MAXIMUM LENGTH REFER TO NOMINAL LINEAR EXPANSION CHART (CZI-6)

2. GAP BETWEEN EAVE FLASHING AND PANEL MUST BE ADJUSTED TO SUIT TEMPERATURE DURING INSTALLATION.

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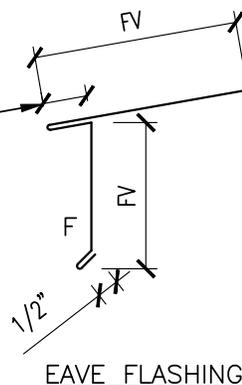
4. WHEN THIS DETAIL IS USED DIRECTLY OVER RIGID INSULATION, WOOD BLOCKING OR A MINIMUM 16 GA. SUPPORT IS REQUIRED FOR THE STRUCTURAL ATTACHMENT OF FASTENERS.

5. REFERENCE BERRIDGE'S WEB SITE FOR APPROVED UNDERLAYMENT AND CAULK TYPES CONSULT BERRIDGE MANUFACTURING'S ENGINEERING DEPARTMENT REGARDING FASTENER TYPE & SPACING. (REFERENCE INSTALLATION INSTRUCTIONS & LOAD CHARTS FOR MIN. FASTENER REQUIREMENTS)

NOTE: ALL FLASHING GAUGES TO BE EQUAL TO THE ASSOCIATED PANEL GAUGE UNLESS NOTED OTHERWISE

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FV = FIELD VERIFY

MIN. 1" OR MAXIMUM EXPANSION OF PANEL + 1/2"



BERRIDGE  
MANUFACTURING  
COMPANY

Roofs of Distinction

EAVE WITH GUTTER DETAIL  
SOLID SHEATHING

CURVED ZEE-LOCK PANEL

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CZ-11G

RIDGE CAP; 4" END LAPS WITH CONTINUOUS CAULK AT LAPS, POP RIVET TO ZEE CLOSURE/CLEAT 40" O.C. MAX.

ZEE CLOSURE; USE CZ-23 AT RIDGE. CUT TO FIT BETWEEN SEAMS AT SKEWED AREAS.

CONTINUOUS ZEE-RIB WITH VINYL WEATHERSEAL

CONTINUOUS BEAD OF CAULK BETWEEN ZEE CLOSURE AND ZEE-LOCK PANEL.

SOLID SHEATHING

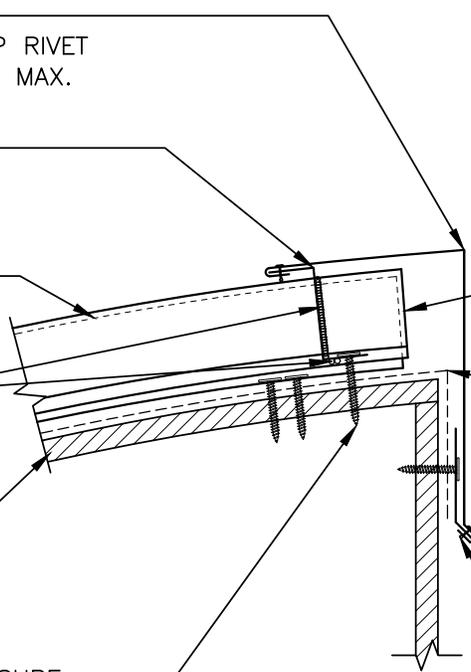
FASTENERS; MIN. 3 PER ZEE CLOSURE

BERRIDGE CURVED ZEE-LOCK PANEL

BERRIDGE APPROVED PEEL & STICK UNDERLAYMENT. LAP OVER RIDGE

CONTINUOUS CLEAT WITH FASTENERS 20" O.C. MAX.

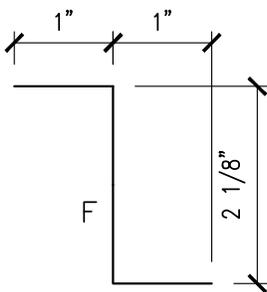
POP RIVETS; 20" O.C. MAX.



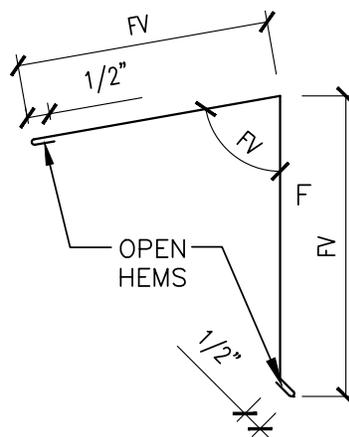
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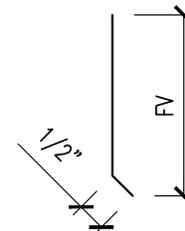
F = FINISH SIDE  
FV = FIELD VERIFY



ZEE CLOSURE



RIDGE CAP



CONTINUOUS CLEAT



BERRIDGE  
MANUFACTURING  
COMPANY

Roofs of Distinction

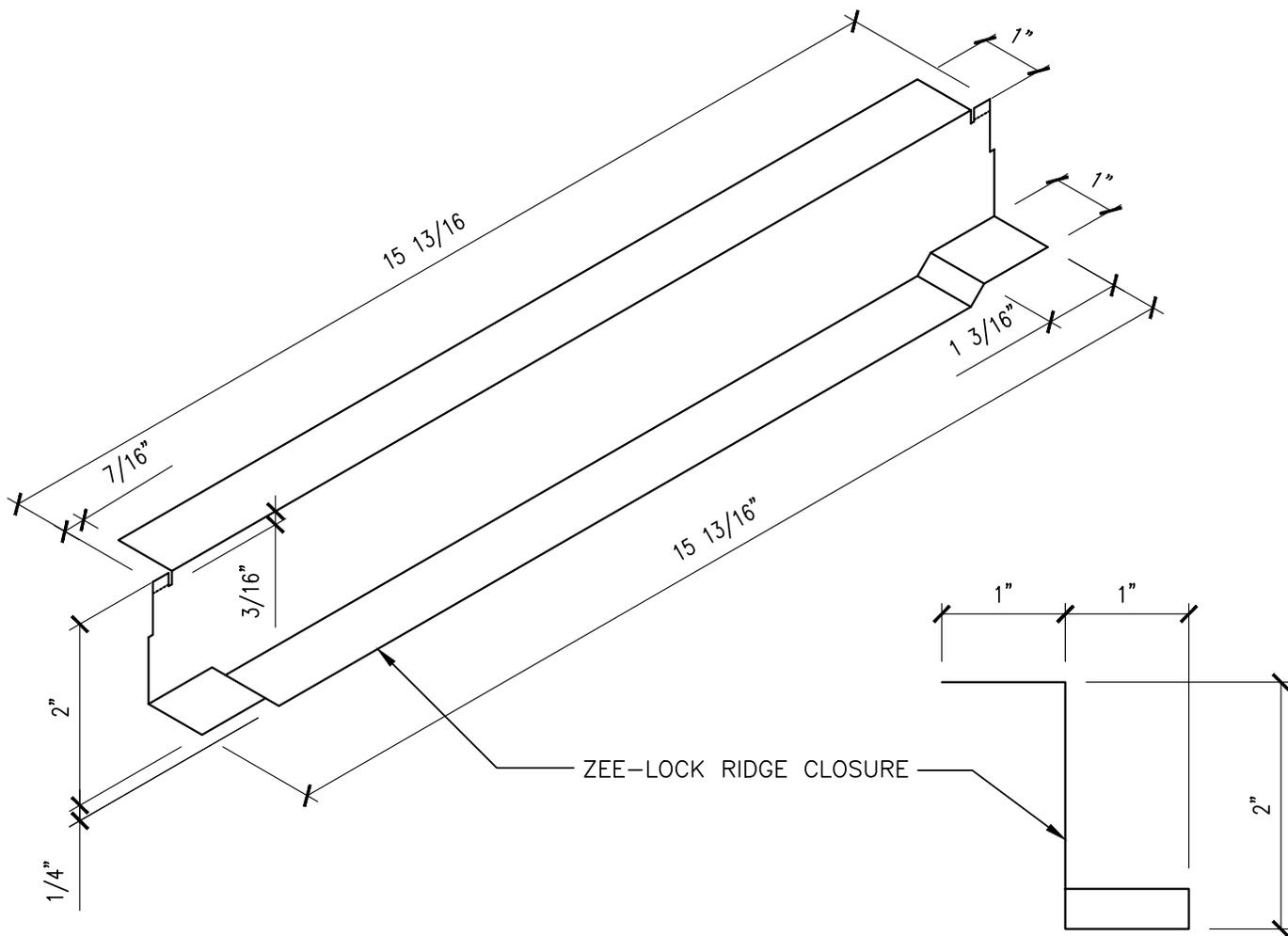
SHED RIDGE DETAIL  
SOLID SHEATHING

CURVED ZEE-LOCK PANEL

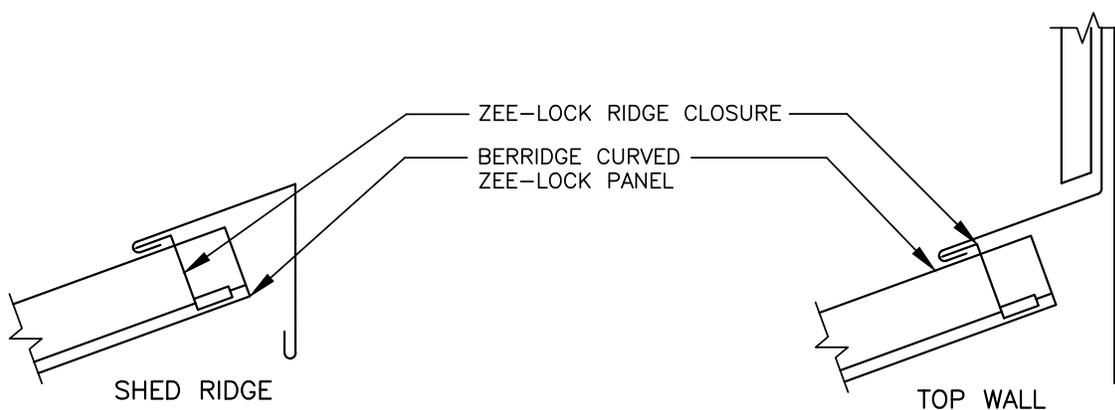
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CZ-22



1. ZEE CLOSURE IS DIE FORMED TO FIT PERPENDICULARLY BETWEEN PANEL SEAMS.



BERRIDGE  
MANUFACTURING  
COMPANY

Roofs of Distinction

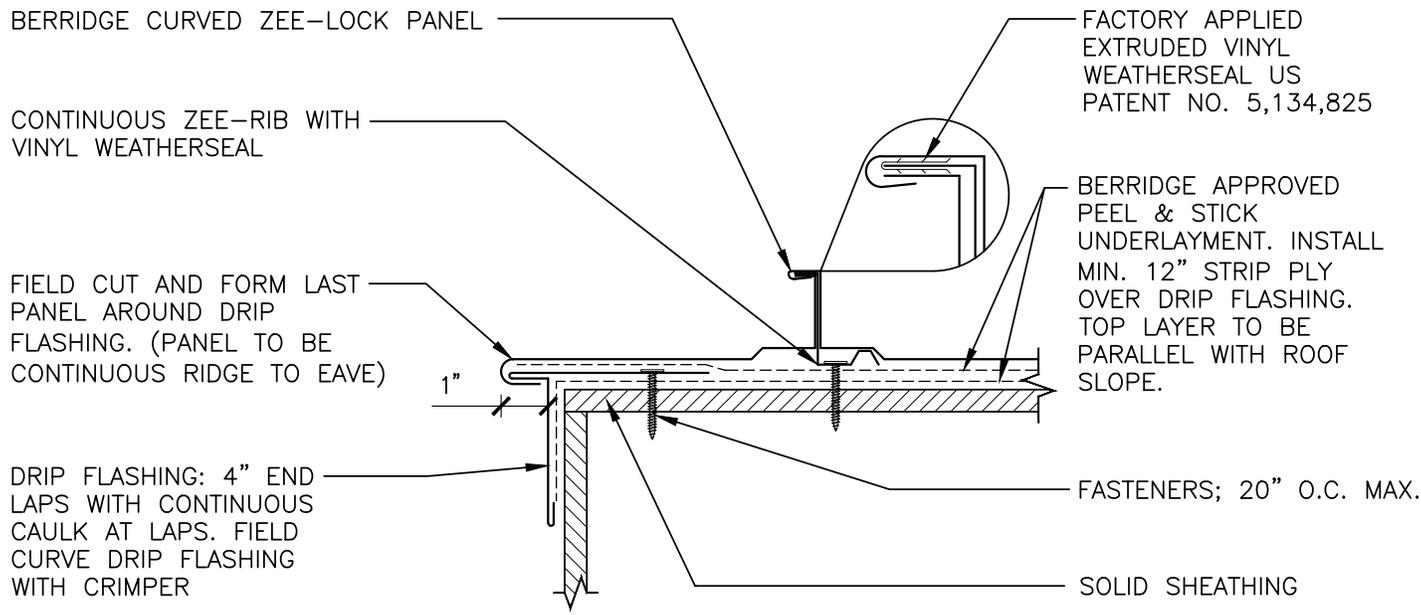
ZEE-LOCK  
RIDGE CLOSURE

CURVED ZEE-LOCK PANEL

DATE: 9/20

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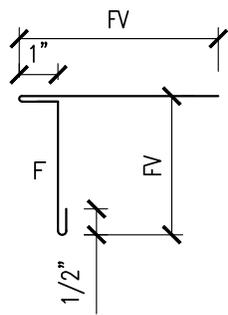
CZ-23



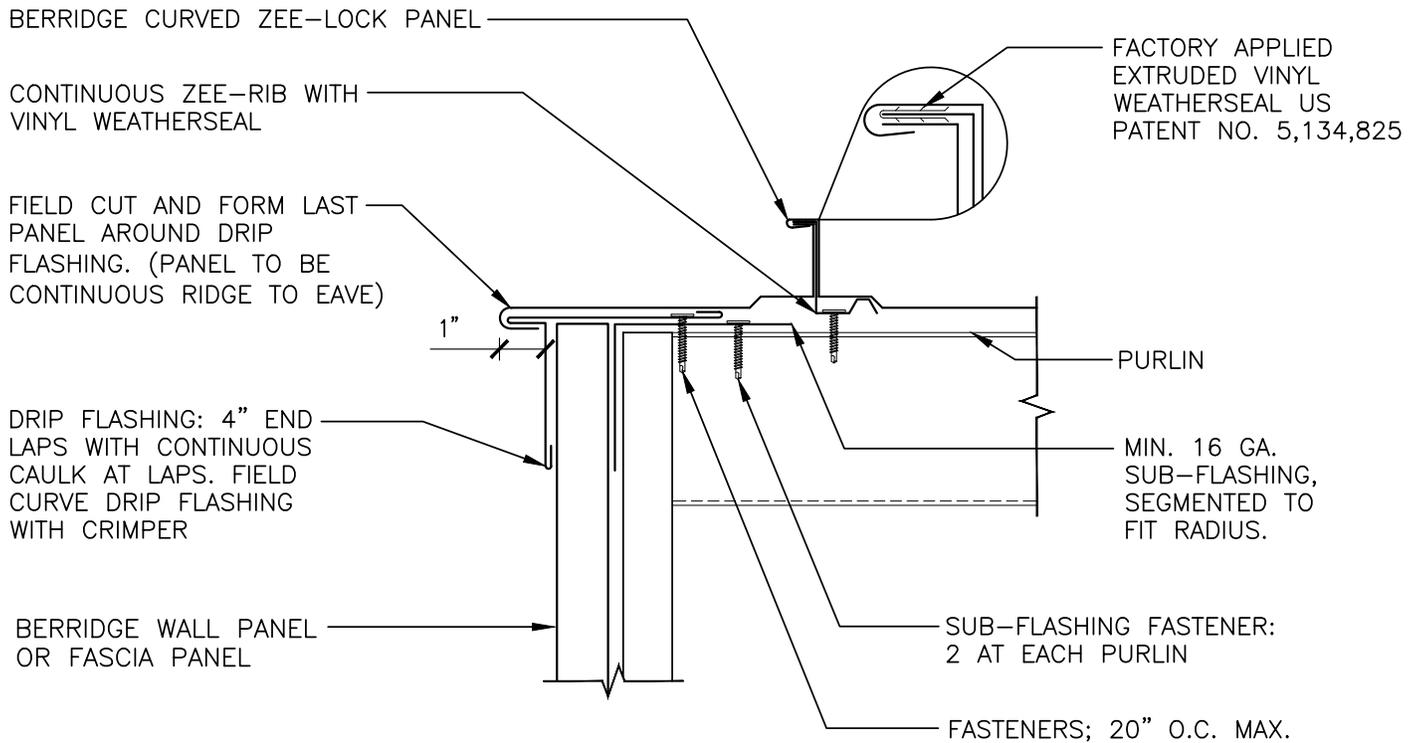
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NOTE: ALL FLASHING GAUGES TO BE EQUAL TO THE ASSOCIATED PANEL GAUGE UNLESS NOTED OTHERWISE

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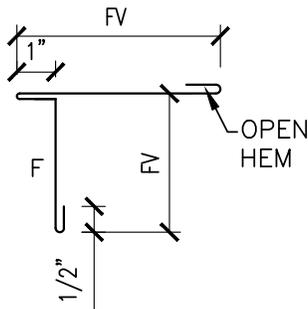
DRIP FLASHING



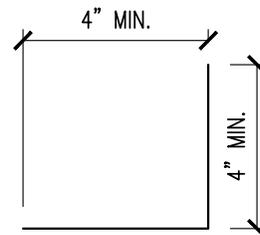
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FV = FIELD VERIFY



DRIP FLASHING



MIN. 16 GA. SUB-FLASHING



BERRIDGE  
MANUFACTURING  
COMPANY

Roofs of Distinction

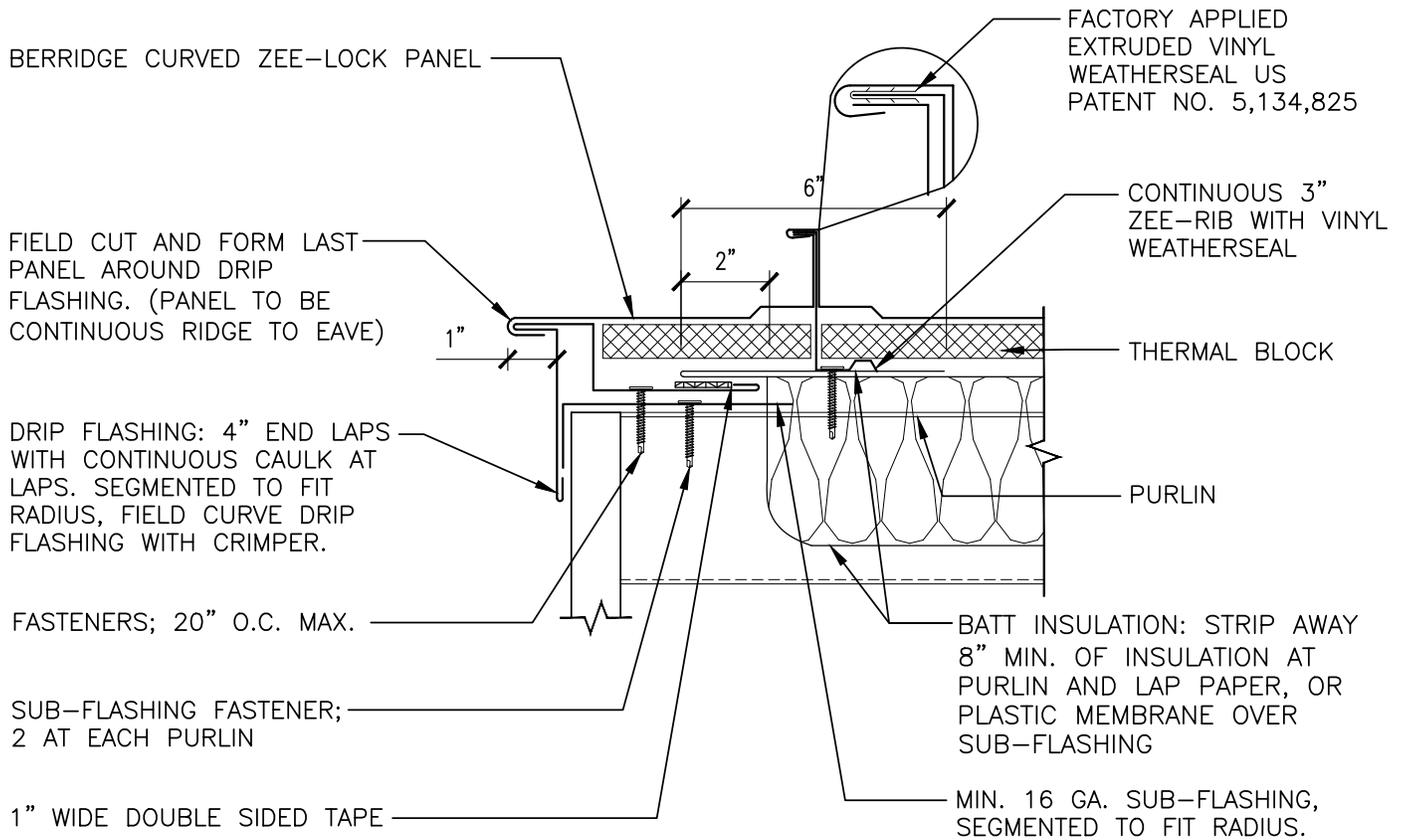
GABLE DETAIL  
PANEL TURNDOWN  
OPEN FRAMING

CURVED ZEE-LOCK PANEL

DATE: 9/20

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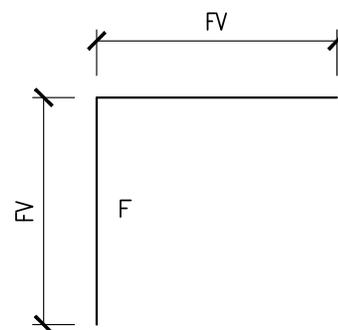
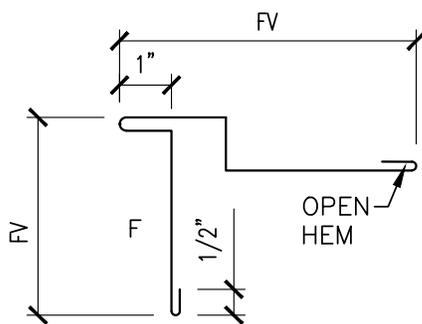
CZ-31



1. THE 3" ZEE-RIB TO BE USED ON APPLICATIONS WITH BATT INSULATION DRAPED OVER PURLINS WITH A THICKNESS OF GREATER THAN 3".
2. REFERENCE BERRIDGE'S WEB SITE FOR APPROVED UNDERLAYMENT AND CAULK TYPES CONSULT BERRIDGE MANUFACTURING'S ENGINEERING DEPARTMENT REGARDING FASTENER TYPE & SPACING. (REFERENCE INSTALLATION INSTRUCTIONS & LOAD CHARTS FOR MIN. FASTENER REQUIREMENTS)

NOTE: ALL FLASHING GAUGES TO BE EQUAL TO THE ASSOCIATED PANEL GAUGE UNLESS NOTED OTHERWISE

F = FINISH SIDE  
FV = FIELD VERIFY



BERRIDGE  
MANUFACTURING  
COMPANY

Roofs of Distinction

GABLE DETAIL; 3" ZEE-RIB  
PANEL TURNDOWN  
OPEN FRAMING

CURVED ZEE-LOCK PANEL

DATE: 9/20

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CZ-31T

CAP FLASHING; 4" END LAPS WITH CONTINUOUS CAULK AT LAPS. POP RIVET TO CLEAT 40" O.C. MAX. CAULK ALL RIVET HEADS.

CONTINUOUS CLEAT

ZEE CLOSURE; REFER TO DETAIL CZ-23. CUT TO FIT BETWEEN SEAMS IF PANEL SEAMS ARE NOT PERPENDICULAR TO WALL.

BERRIDGE CURVED ZEE-LOCK PANEL

CONTINUOUS ZEE-RIB WITH VINYL WEATHERSEAL

CONTINUOUS BEAD OF CAULK BETWEEN ZEE CLOSURE AND ZEE-LOCK PANEL

SOLID SHEATHING

BERRIDGE APPROVED PEEL & STICK UNDERLAYMENT. INSTALL MIN. 12" STRIP PLY OVER SUB-FLASHING.

12  
1  
MINIMUM SLOPE

BERRIDGE APPROVED PEEL & STICK UNDERLAYMENT

CONTINUOUS CLEAT

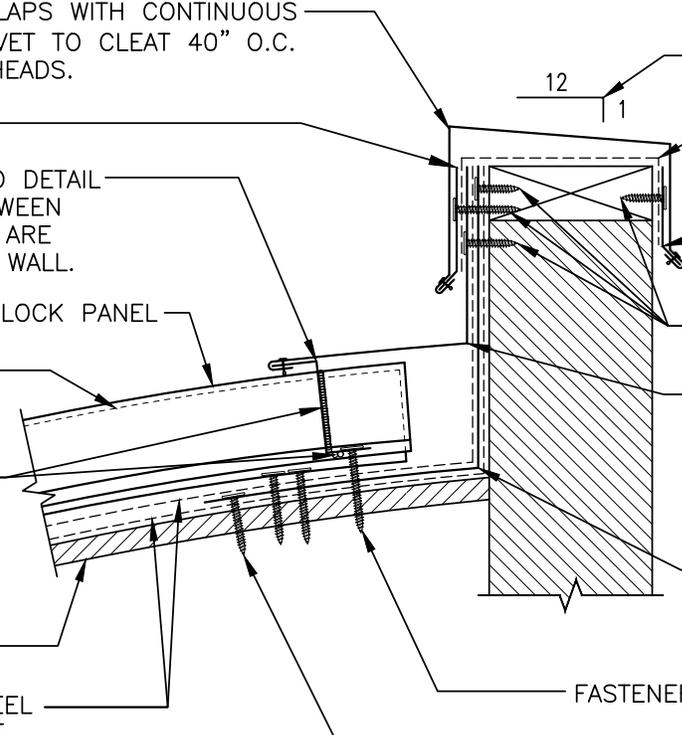
FASTENERS; 20" O.C. MAX.

COUNTER FLASHING; 4" END LAPS WITH CONTINUOUS CAULK AT LAPS. POP RIVET TO ZEE CLOSURE 40" O.C. MAX.

SUB-FLASHING; 4" END LAPS WITH CONTINUOUS CAULK AT LAPS.

FASTENERS; MIN. 3 PER ZEE CLOSURE

FASTENERS; 20" O.C. MAX.



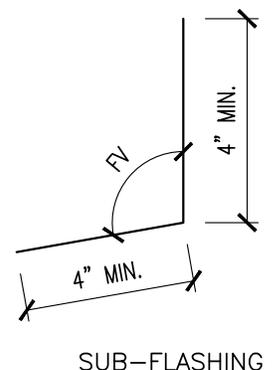
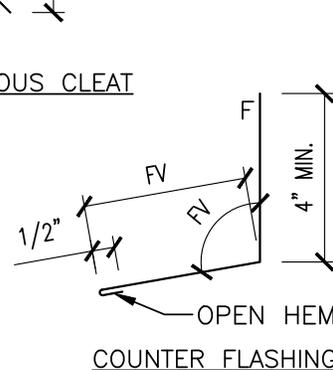
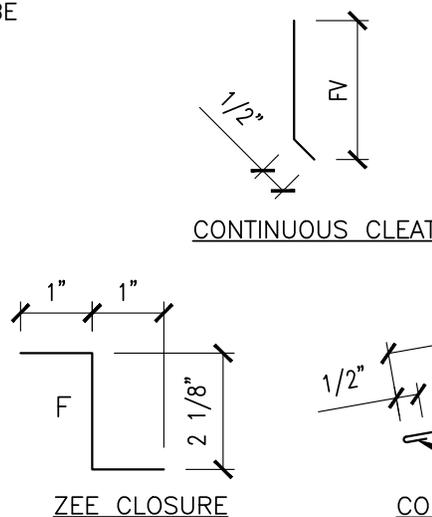
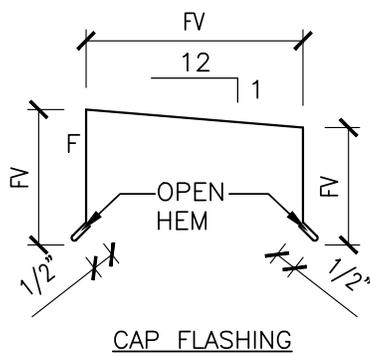
1. THIS DETAIL INTENDED FOR USE ON PARAPETS LESS THAN 12" IN HEIGHT, USE HEAD WALL DETAILS FOR ANY LARGER.

2. SOLID SHEATHING (NOT BY BERRIDGE) TO MEET ENGINEERING AND ARCHITECTURAL SPECIFICATIONS MINIMUM REQUIREMENTS, REFERENCE INSTALLATION INSTRUCTIONS.

3. REFERENCE BERRIDGE'S WEB SITE FOR APPROVED UNDERLAYMENT AND CAULK TYPES CONSULT BERRIDGE MANUFACTURING'S ENGINEERING DEPARTMENT REGARDING FASTENER TYPE & SPACING. (REFERENCE INSTALLATION INSTRUCTIONS & LOAD CHARTS FOR MIN. FASTENER REQUIREMENTS)

NOTE: ALL FLASHING GAUGES TO BE EQUAL TO THE ASSOCIATED PANEL GAUGE UNLESS NOTED OTHERWISE

F = FINISH SIDE  
FV = FIELD VERIFY



BERRIDGE  
MANUFACTURING  
COMPANY

Roofs of Distinction

PARAPET DETAIL  
HEAD WALL  
SOLID SUBSTRATE

CURVED ZEE-LOCK PANEL

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CZ-40

CAP FLASHING; 4" END LAPS WITH CONTINUOUS CAULK AT LAPS. POP RIVET TO CLEAT 40" O.C. MAX. CAULK ALL RIVET HEADS.

CONTINUOUS CLEAT

COUNTER FLASHING: 4" END LAPS WITH CONTINUOUS CAULK AT LAPS.

BERRIDGE APPROVED PEEL & STICK UNDERLAYMENT

FACTORY APPLIED EXTRUDED VINYL WEATHERSEAL US PATENT NO. 5,134,825

CONTINUOUS ZEE-RIB WITH VINYL WEATHERSEAL

SOLID SHEATHING

BERRIDGE APPROVED PEEL & STICK UNDERLAYMENT. INSTALL MIN. 12" STRIP PLY OVER SUB-FLASHING, TOP LAYER TO BE PARALLEL WITH ROOF SLOPE

FASTENERS; 20" O.C. MAX.

12  
1  
MINIMUM SLOPE

CONTINUOUS CLEAT

FASTENERS; 20" O.C. MAX.

FASTENERS; 20" O.C. MAX. PLACE A DAB OF CAULK AT FASTENER LOCATION DRIVE FASTENER AND CAULK FASTENER HEAD

CONTINUOUS BEAD OF CAULK

SUB-FLASHING: BACK CUT VERTICAL LEG AS REQUIRED AND FORM TO RADIUS OF ROOF

BERRIDGE CURVED ZEE-LOCK PANEL; FIELD CUT LAST PANEL AND FORM NEW LEG OR START FIRST RUN WITH FULL WIDTH PANEL AND FIELD CUT TOP OF MALE LEG OFF. PANEL TO BE CONTINUOUS FROM RIDGE TO EAVE.

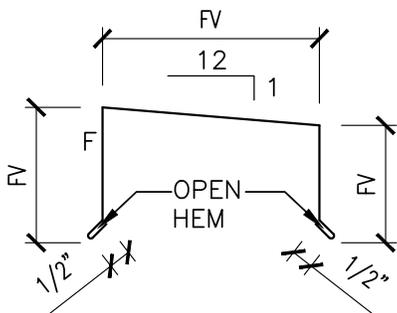
1. THIS DETAIL INTENDED FOR USE ON PARAPETS LESS THAN 12" IN HEIGHT, USE RAKE WALL DETAILS FOR ANY LARGER.

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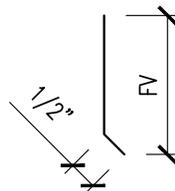
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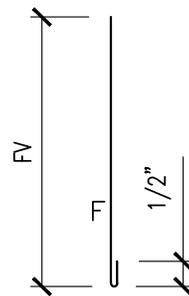
F = FINISH SIDE  
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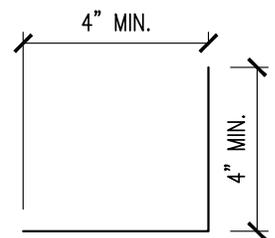
CAP FLASHING



CONTINUOUS CLEAT



COUNTER FLASHING



SUB-FLASHING



BERRIDGE  
MANUFACTURING  
COMPANY

Roofs of Distinction

PARAPET DETAIL  
RAKE WALL  
SOLID SUBSTRATE

CURVED ZEE-LOCK PANEL

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CZ-41

RECEIVER & COUNTER FLASHING; 4" END LAPS WITH CONTINUOUS CAULK AT LAPS POP RIVET 20" O.C. MAX. CAULK RIVET HEADS

COUNTER FLASHING; 4" END LAPS WITH CONTINUOUS CAULK AT LAPS POP RIVET TO ZEE CLOSURE 40" O.C. MAX.

ZEE CLOSURE; REFER TO DETAIL CZ-23. CUT TO FIT BETWEEN SEAMS IF PANEL SEAMS ARE NOT PERPENDICULAR TO WALL.

BERRIDGE CURVED ZEE-LOCK PANEL

THERMAL BLOCK BETWEEN ZEE-RIBS

CONTINUOUS 3" ZEE-RIB WITH VINYL WEATHERSEAL

BATT INSULATION: STRIP AWAY 8" MIN. OF INSULATION AT PURLIN AND LAP PAPER, OR PLASTIC MEMBRANE OVER SUB-FLASHING

PURLIN

BERRIDGE WALL PANEL OR FASCIA PANEL

FASTENERS; 20" O.C. MAX.

CONTINUOUS BEAD OF CAULK

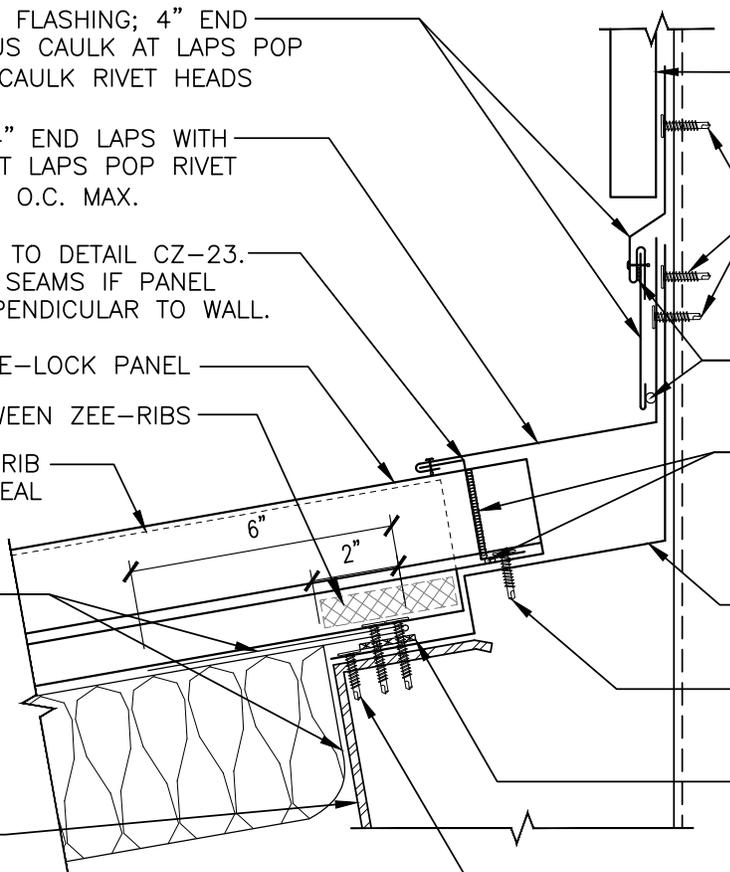
CONTINUOUS BEAD OF CAULK BETWEEN ZEE CLOSURE AND ZEE-LOCK PANEL

MIN 16 GA. CONTINUOUS SUB-FLASHING

MIN. 3 FASTENERS PER ZEE CLOSURE

1" WIDE DOUBLE SIDED TAPE

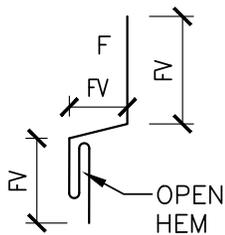
FASTENERS; 20" O.C. MAX.



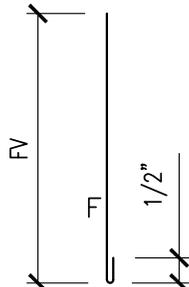
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2. REFERENCE BERRIDGE'S WEB SITE FOR APPROVED UNDERLAYMENT AND CAULK TYPES CONSULT BERRIDGE MANUFACTURING'S ENGINEERING DEPARTMENT REGARDING FASTENER TYPE & SPACING. (REFERENCE INSTALLATION INSTRUCTIONS & LOAD CHARTS FOR MIN. FASTENER REQUIREMENTS)

NOTE: ALL FLASHING GAUGES TO BE EQUAL TO THE ASSOCIATED PANEL GAUGE UNLESS NOTED OTHERWISE

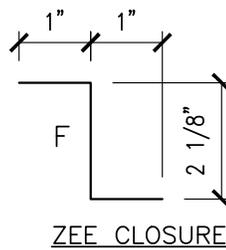
F = FINISH SIDE  
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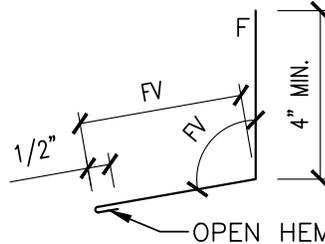
RECEIVER FLASHING



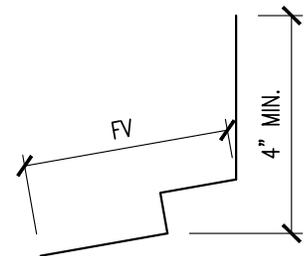
COUNTER FLASHING



ZEE CLOSURE



OPEN HEM COUNTER FLASHING



MIN. 16 GA. SUB-FLASHING



BERRIDGE  
MANUFACTURING  
COMPANY

Roofs of Distinction

HEAD WALL DETAIL; 3" ZEE-RIB  
RECEIVER FLASHING  
OPEN FRAMING

CURVED ZEE-LOCK PANEL

DATE: 9/20

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CZ-510T

RECEIVER & COUNTER FLASHING; 4" END LAPS WITH CONTINUOUS CAULK AT LAPS POP RIVET 20" O.C. MAX. CAULK RIVET HEADS

COUNTER FLASHING; 4" END LAPS WITH CONTINUOUS CAULK AT LAPS POP RIVET TO ZEE CLOSURE 40" O.C. MAX.

ZEE CLOSURE; REFER TO DETAIL CZ-23. CUT TO FIT BETWEEN SEAMS IF PANEL SEAMS ARE NOT PERPENDICULAR TO WALL.

BERRIDGE CURVED ZEE-LOCK PANEL

CONTINUOUS ZEE-RIB WITH VINYL WEATHERSEAL

PURLIN

FASTENERS; 20" O.C. MAX.

BERRIDGE WALL PANEL OR FASCIA PANEL

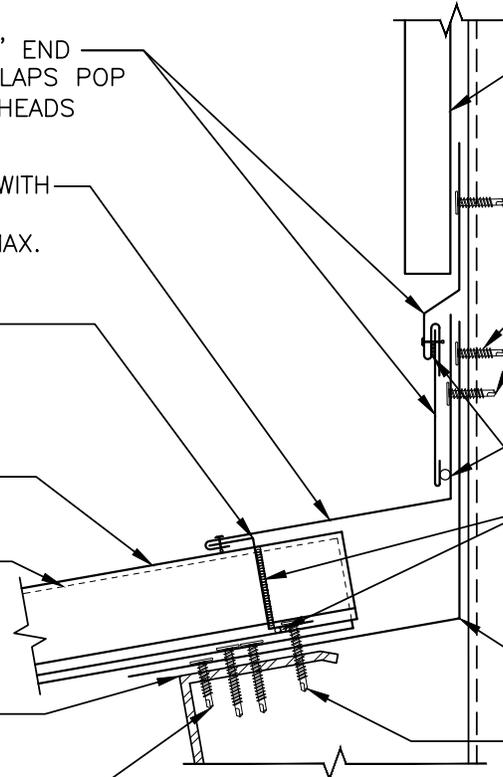
FASTENERS; 20" O.C. MAX.

CONTINUOUS BEAD OF CAULK

CONTINUOUS BEAD OF CAULK BETWEEN ZEE CLOSURE AND ZEE-LOCK PANEL

MIN. 16 GA. CONTINUOUS SUB-FLASHING

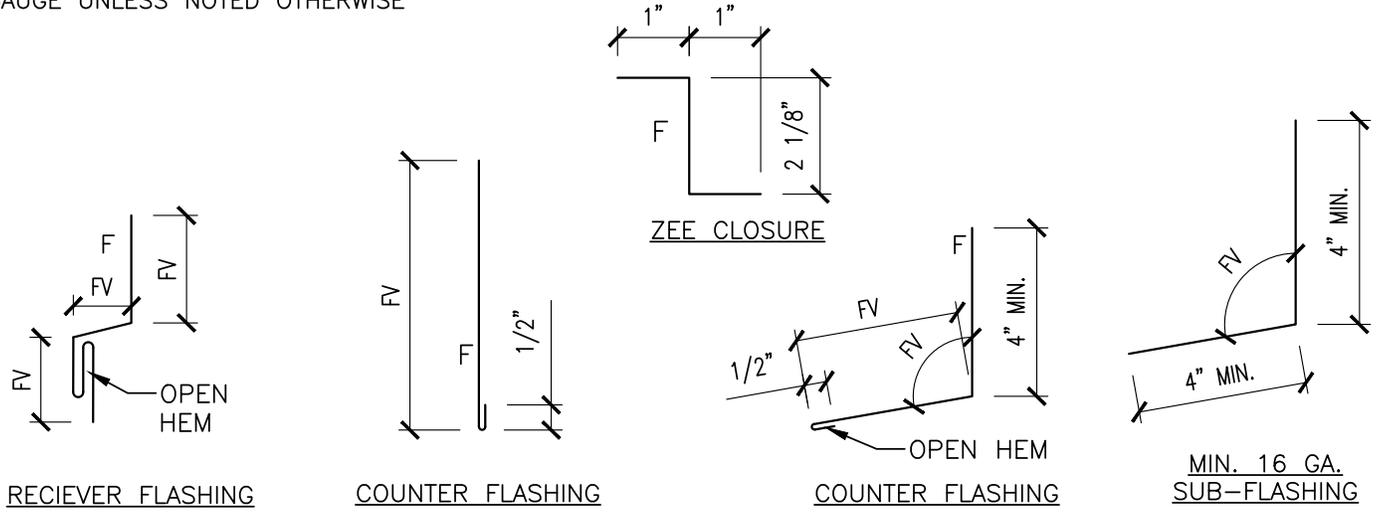
MIN. 3 FASTENERS PER ZEE CLOSURE



1. REFERENCE BERRIDGE'S WEB SITE FOR APPROVED UNDERLAYMENT AND CAULK TYPES CONSULT BERRIDGE MANUFACTURING'S ENGINEERING DEPARTMENT REGARDING FASTENER TYPE & SPACING. (REFERENCE INSTALLATION INSTRUCTIONS & LOAD CHARTS FOR MIN. FASTENER REQUIREMENTS)

NOTE: ALL FLASHING GAUGES TO BE EQUAL TO THE ASSOCIATED PANEL GAUGE UNLESS NOTED OTHERWISE

F = FINISH SIDE  
FV = FIELD VERIFY



**BERRIDGE**  
BERRIDGE  
MANUFACTURING  
COMPANY  
*Roofs of Distinction*

HEAD WALL DETAIL  
RECEIVER FLASHING  
OPEN FRAMING  
CURVED ZEE-LOCK PANEL

DATE: 9/20  
PAGE\FILE  
CZ-51PO

BERRIDGE WALL PANEL OR FASCIA PANEL

RECEIVER & COUNTER FLASHING;  
4" END LAPS WITH CONTINUOUS  
CAULK AT LAPS POP RIVET 20"  
O.C. MAX. CAULK RIVET HEADS

COUNTER FLASHING; 4" END  
LAPS WITH CONTINUOUS CAULK  
AT LAPS POP RIVET TO ZEE  
CLOSURE 40" O.C. MAX.

ZEE CLOSURE; REFER TO DETAIL  
CZ-23. CUT TO FIT BETWEEN  
SEAMS IF PANEL SEAMS ARE  
NOT PERPENDICULAR TO WALL.

BERRIDGE CURVED ZEE-LOCK PANEL

CONTINUOUS ZEE-RIB WITH  
VINYL WEATHERSEAL

BERRIDGE APPROVED PEEL  
& STICK UNDERLAYMENT.  
INSTALL MIN. 12" STRIP  
PLY OVER SUB-FLASHING.

SOLID SHEATHING

FASTENERS; 20" O.C. MAX.

BERRIDGE APPROVED  
PEEL & STICK  
UNDERLAYMENT

FASTENERS; 20" O.C. MAX.

CONTINUOUS BEAD OF CAULK

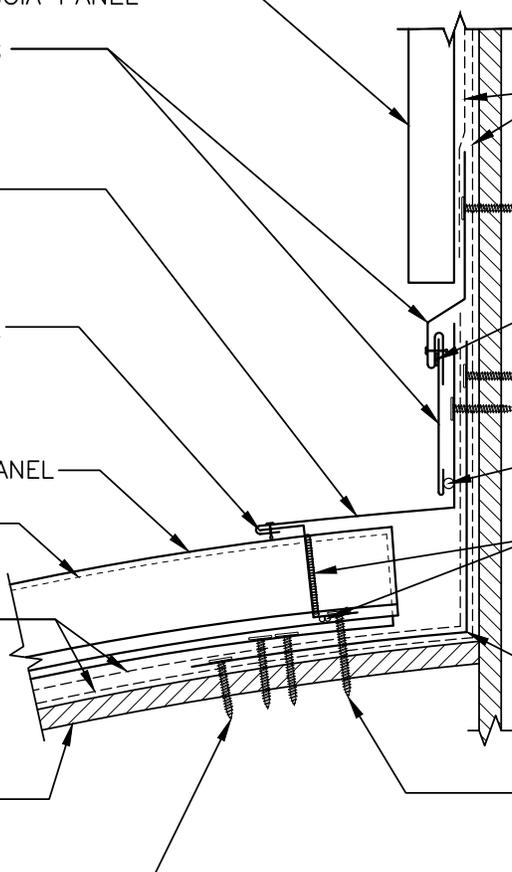
FASTENERS; 20" O.C. MAX.

CONTINUOUS BEAD OF CAULK

CONTINUOUS BEAD OF  
CAULK BETWEEN ZEE  
CLOSURE AND ZEE-LOCK  
PANEL

SUB-FLASHING; 4" END  
LAPS WITH CONTINUOUS  
CAULK AT LAPS

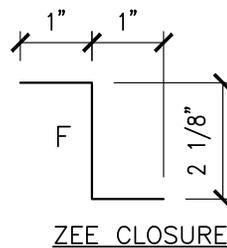
MIN. 3 FASTENERS  
PER ZEE CLOSURE



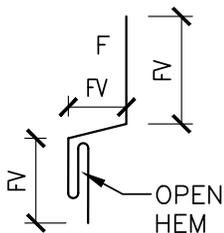
1. SOLID SHEATHING (NOT BY BERRIDGE) TO MEET ENGINEERING AND ARCHITECTURAL SPECIFICATIONS MINIMUM REQUIREMENTS, REFERENCE INSTALLATION INSTRUCTIONS.

2. REFERENCE BERRIDGE'S WEB SITE FOR APPROVED UNDERLAYMENT AND CAULK TYPES CONSULT BERRIDGE MANUFACTURING'S ENGINEERING DEPARTMENT REGARDING FASTENER TYPE & SPACING. (REFERENCE INSTALLATION INSTRUCTIONS & LOAD CHARTS FOR MIN. FASTENER REQUIREMENTS)

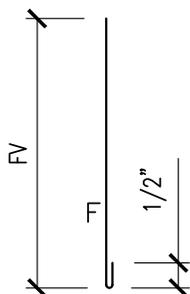
NOTE: ALL FLASHING GAUGES TO BE EQUAL TO THE ASSOCIATED PANEL GAUGE UNLESS NOTED OTHERWISE



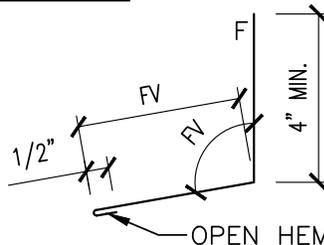
F = FINISH SIDE  
FV = FIELD VERIFY



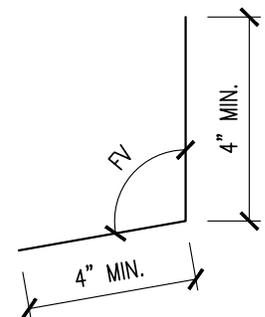
RECIEVER FLASHING



COUNTER FLASHING



COUNTER FLASHING



SUB-FLASHING



BERRIDGE  
MANUFACTURING  
COMPANY

Roofs of Distinction

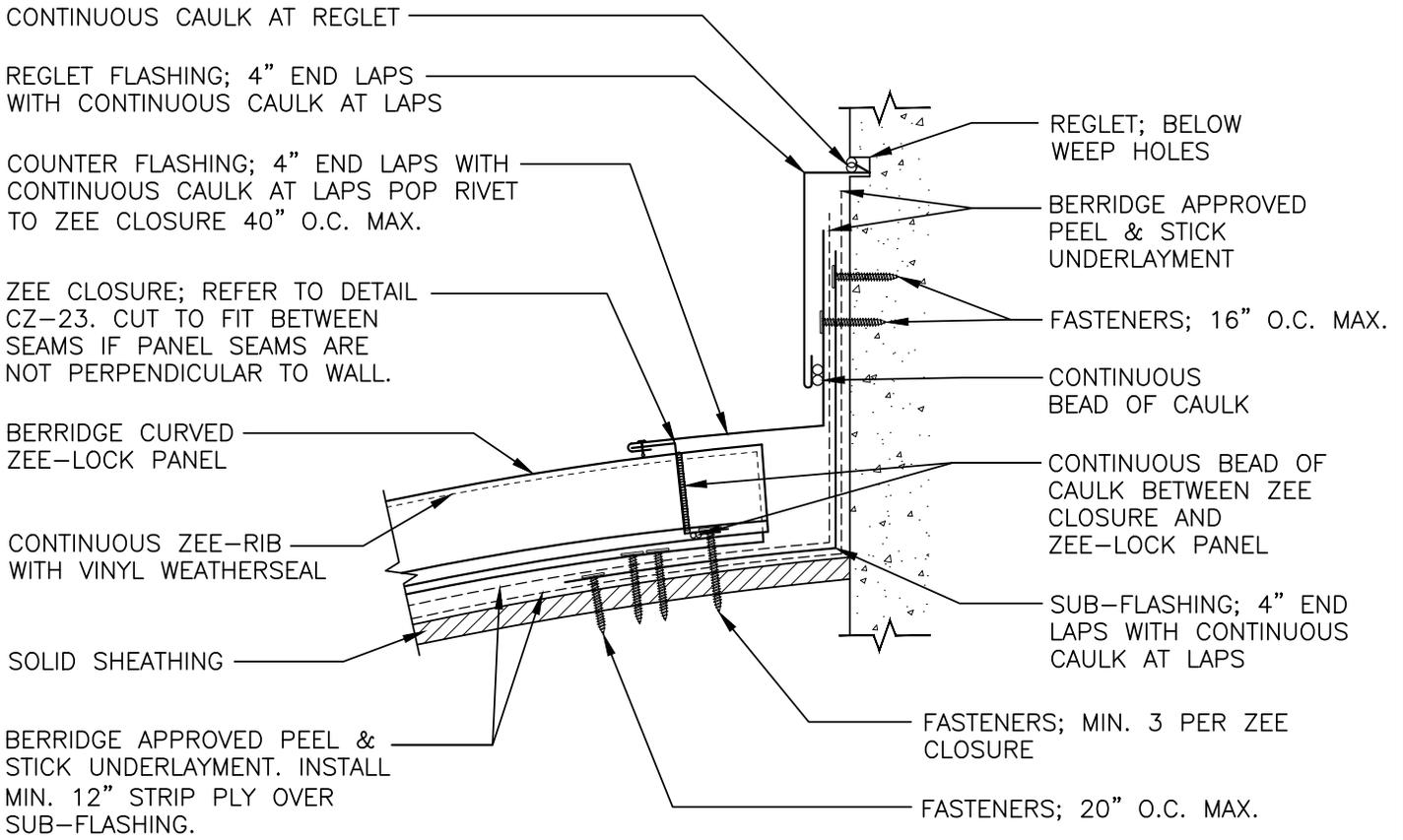
HEAD WALL DETAIL  
RECIEVER FLASHING  
SOLID SUBSTRATE

CURVED ZEE-LOCK PANEL

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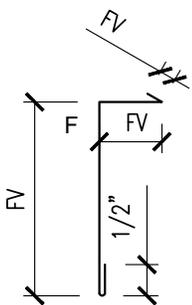
CZ-51PS



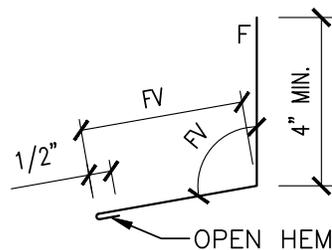
1. SOLID SHEATHING (NOT BY BERRIDGE) TO MEET ENGINEERING AND ARCHITECTURAL SPECIFICATIONS MINIMUM REQUIREMENTS, REFERENCE INSTALLATION INSTRUCTIONS.
2. REFERENCE BERRIDGE'S WEB SITE FOR APPROVED UNDERLAYMENT AND CAULK TYPES CONSULT BERRIDGE MANUFACTURING'S ENGINEERING DEPARTMENT REGARDING FASTENER TYPE & SPACING. (REFERENCE INSTALLATION INSTRUCTIONS & LOAD CHARTS FOR MIN. FASTENER REQUIREMENTS)

NOTE: ALL FLASHING GAUGES TO BE EQUAL TO THE ASSOCIATED PANEL GAUGE UNLESS NOTED OTHERWISE

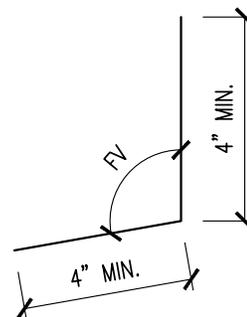
F = FINISH SIDE  
FV = FIELD VERIFY



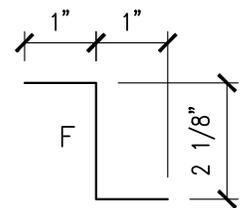
REGLET FLASHING



COUNTER FLASHING



SUB-FLASHING



ZEE CLOSURE



BERRIDGE  
MANUFACTURING  
COMPANY

Roofs of Distinction

HEAD WALL DETAIL  
REGLET  
SOLID SUBSTRATE

CURVED ZEE-LOCK PANEL

DATE: 9/20

PAGE\FILE

CZ-51R

CLOSURE ANGLE; BACK CUT VERTICAL LEG AS REQUIRED AND FORM TO RADIUS OF ROOF 4" END LAPS WITH CONTINUOUS CAULK AT LAPS

COUNTER FLASHING; 4" END LAPS WITH CONTINUOUS CAULK AT LAPS

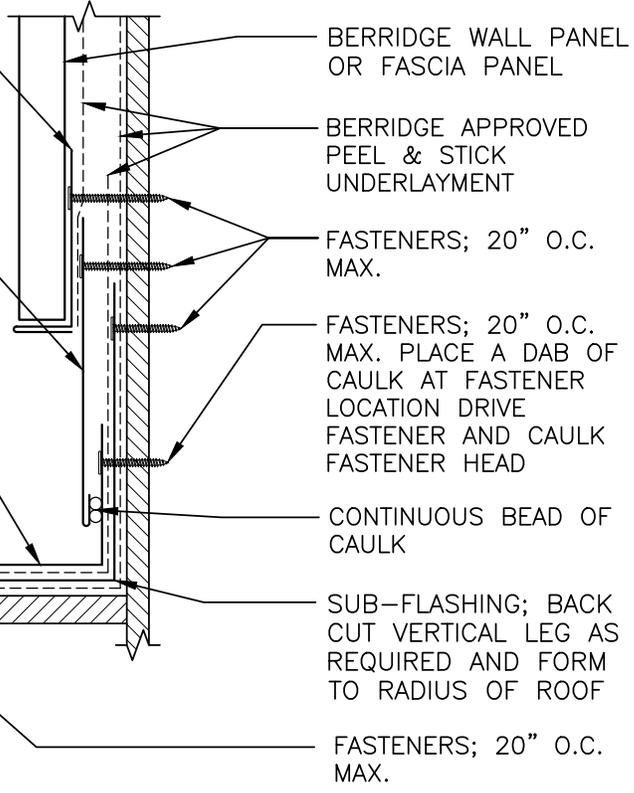
BERRIDGE CURVED ZEE-LOCK PANEL; FIELD CUT LAST PANEL AND FORM NEW LEG OR START FIRST RUN WITH FULL WIDTH PANEL AND FIELD CUT TOP OF MALE LEG OFF. PANEL TO BE CONTINUOUS FROM RIDGE TO EAVE.

FACTORY APPLIED EXTRUDED VINYL WEATHERSEAL US PATENT NO. 5,134,825

CONTINUOUS ZEE-RIB WITH VINYL WEATHERSEAL

SOLID SHEATHING

BERRIDGE APPROVED PEEL & STICK UNDERLAYMENT. INSTALL MIN. 12" STRIP PLY OVER SUB-FLASHING. TOP LAYER TO BE PARALLEL WITH ROOF SLOPE.



BERRIDGE WALL PANEL OR FASCIA PANEL

BERRIDGE APPROVED PEEL & STICK UNDERLAYMENT

FASTENERS; 20" O.C. MAX.

FASTENERS; 20" O.C. MAX. PLACE A DAB OF CAULK AT FASTENER LOCATION DRIVE FASTENER AND CAULK FASTENER HEAD

CONTINUOUS BEAD OF CAULK

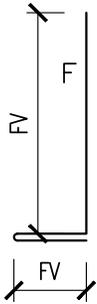
SUB-FLASHING; BACK CUT VERTICAL LEG AS REQUIRED AND FORM TO RADIUS OF ROOF

FASTENERS; 20" O.C. MAX.

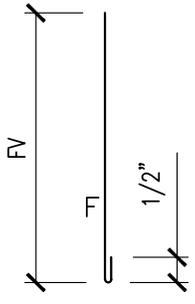
1. SOLID SHEATHING (NOT BY BERRIDGE) TO MEET ENGINEERING AND ARCHITECTURAL SPECIFICATIONS MINIMUM REQUIREMENTS, REFERENCE INSTALLATION INSTRUCTIONS.
2. REFERENCE BERRIDGE'S WEB SITE FOR APPROVED UNDERLAYMENT AND CAULK TYPES CONSULT BERRIDGE MANUFACTURING'S ENGINEERING DEPARTMENT REGARDING FASTENER TYPE & SPACING. (REFERENCE INSTALLATION INSTRUCTIONS & LOAD CHARTS FOR MIN. FASTENER REQUIREMENTS)

NOTE: ALL FLASHING GAUGES TO BE EQUAL TO THE ASSOCIATED PANEL GAUGE UNLESS NOTED OTHERWISE

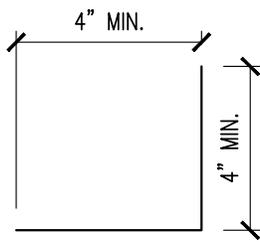
F = FINISH SIDE  
FV = FIELD VERIFY



CLOSURE ANGLE



COUNTER FLASHING



SUB-FLASHING



BERRIDGE  
MANUFACTURING  
COMPANY

Roofs of Distinction

RAKE WALL DETAIL  
COUNTER FLASHING  
SOLID SUBSTRATE

CURVED ZEE-LOCK PANEL

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CZ-53

CLOSURE ANGLE; BACK CUT VERTICAL LEG AS REQUIRED AND FORM TO RADIUS OF ROOF 4" END LAPS WITH CONTINUOUS CAULK AT LAPS

COUNTER FLASHING; 4" END LAPS WITH CONTINUOUS CAULK AT LAPS

BERRIDGE CURVED ZEE-LOCK PANEL; FIELD CUT LAST PANEL AND FORM NEW LEG OR START FIRST RUN WITH FULL WIDTH PANEL AND FIELD CUT TOP OF MALE LEG OFF. PANEL TO BE CONTINUOUS FROM RIDGE TO EAVE.

FACTORY APPLIED EXTRUDED VINYL WEATHERSEAL US PATENT NO. 5,134,825

CONTINUOUS 3" ZEE-RIB WITH VINYL WEATHERSEAL

THERMAL BLOCK

PURLIN

BATT INSULATION: STRIP AWAY 8" MIN. OF INSULATION AT PURLIN AND LAP PAPER, OR PLASTIC MEMBRANE OVER SUB-FLASHING

BERRIDGE WALL PANEL OR FASCIA PANEL

FASTENERS; 20" O.C. MAX.

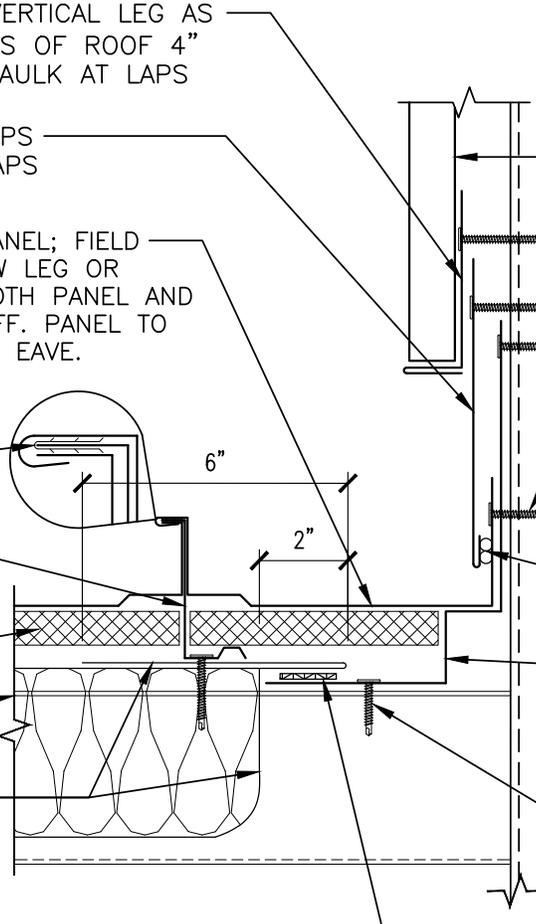
FASTENERS; 20" O.C. MAX. PLACE A DAB OF CAULK AT FASTENER LOCATION DRIVE FASTENER AND CAULK FASTENER HEAD

CONTINUOUS BEAD OF CAULK

CONTINUOUS MIN. 16 GA. SUB-FLASHING, SEGMENTED TO FIT RADIUS.

FASTENERS; 2 AT EACH PURLIN

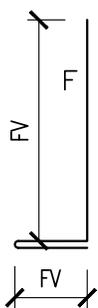
1" WIDE DOUBLE SIDED TAPE



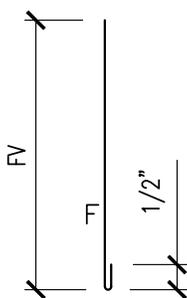
1. THE 3" ZEE-RIB TO BE USED ON APPLICATIONS WITH BATT INSULATION DRAPED OVER PURLINS WITH A THICKNESS OF GREATER THAN 3".
2. REFERENCE BERRIDGE'S WEB SITE FOR APPROVED UNDERLAYMENT AND CAULK TYPES CONSULT BERRIDGE MANUFACTURING'S ENGINEERING DEPARTMENT REGARDING FASTENER TYPE & SPACING. (REFERENCE INSTALLATION INSTRUCTIONS & LOAD CHARTS FOR MIN. FASTENER REQUIREMENTS)

NOTE: ALL FLASHING GAUGES TO BE EQUAL TO THE ASSOCIATED PANEL GAUGE UNLESS NOTED OTHERWISE

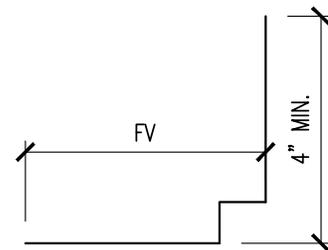
F = FINISH SIDE  
FV = FIELD VERIFY



CLOSURE ANGLE



COUNTER FLASHING



MIN. 16 GA. SUB-FLASHING



BERRIDGE  
MANUFACTURING  
COMPANY

Roofs of Distinction

RAKE WALL DETAIL; 3" ZEE-RIB  
COUNTER FLASHING  
OPEN FRAMING

CURVED ZEE-LOCK PANEL

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PAGE\FILE

CZ-530T

CLOSURE ANGLE; BACK CUT VERTICAL LEG AS REQUIRED AND FORM TO RADIUS OF ROOF 4" END LAPS WITH CONTINUOUS CAULK AT LAPS

COUNTER FLASHING; 4" END LAPS WITH CONTINUOUS CAULK AT LAPS

BERRIDGE CURVED ZEE-LOCK PANEL; FIELD CUT LAST PANEL AND FORM NEW LEG OR START FIRST RUN WITH FULL WIDTH PANEL AND FIELD CUT TOP OF MALE LEG OFF. PANEL TO BE CONTINUOUS FROM RIDGE TO EAVE.

FACTORY APPLIED EXTRUDED VINYL WEATHERSEAL US PATENT NO. 5,134,825

PURLIN

CONTINUOUS ZEE-RIB WITH VINYL WEATHERSEAL

FASTENERS; 2 AT EACH PURLIN

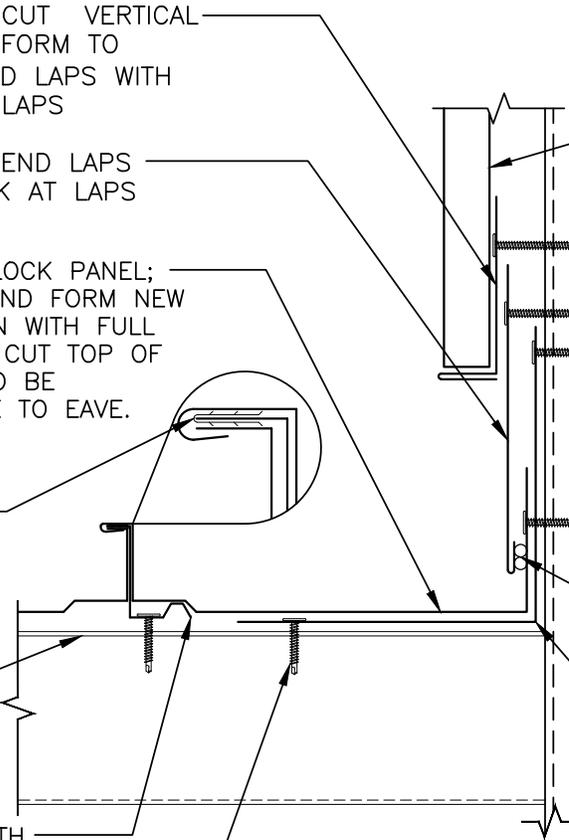
BERRIDGE WALL PANEL OR FASCIA PANEL

FASTENERS; 20" O.C. MAX.

FASTENERS; 20" O.C. MAX. PLACE A DAB OF CAULK AT FASTENER LOCATION DRIVE FASTENER AND CAULK FASTENER HEAD

CONTINUOUS BEAD OF CAULK

MIN. 16 GA. CONTINUOUS SUB-FLASHING, SEGMENTED TO FIT RADIUS.



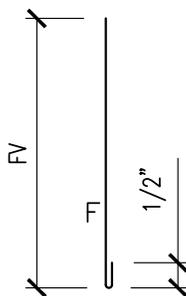
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NOTE: ALL FLASHING GAUGES TO BE EQUAL TO THE ASSOCIATED PANEL GAUGE UNLESS NOTED OTHERWISE

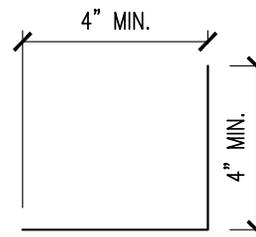
F = FINISH SIDE  
FV = FIELD VERIFY



CLOSURE ANGLE



COUNTER FLASHING



MIN. 16 GA. SUB-FLASHING



BERRIDGE  
MANUFACTURING  
COMPANY

Roofs of Distinction

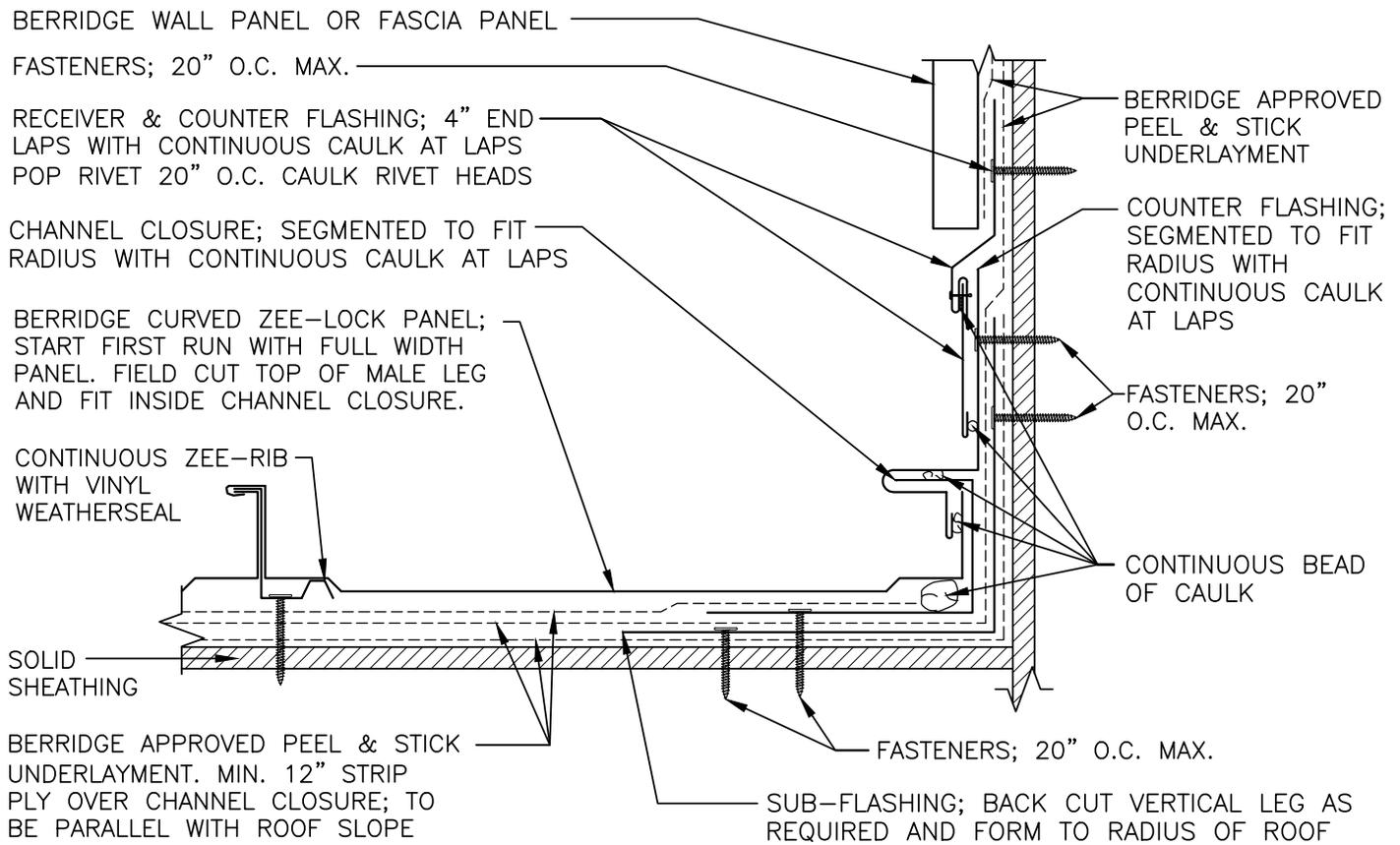
RAKE WALL DETAIL  
COUNTER FLASHING  
OPEN FRAMING

CURVED ZEE-LOCK PANEL

DATE: 9/20

PAGE\FILE

CZ-53PO

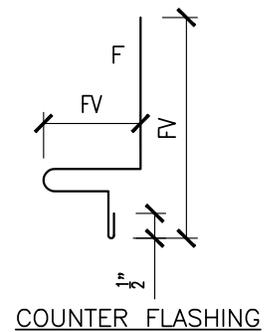
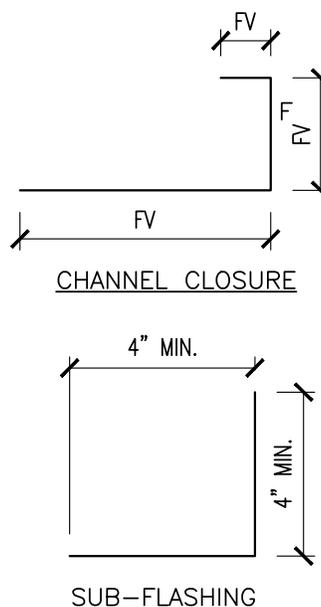
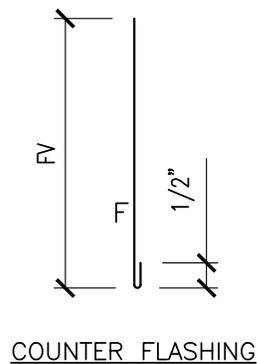
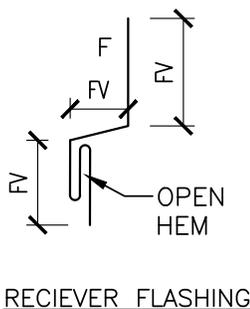


1. SOLID SHEATHING (NOT BY BERRIDGE) TO MEET ENGINEERING AND ARCHITECTURAL SPECIFICATIONS MINIMUM REQUIREMENTS, REFERENCE INSTALLATION INSTRUCTIONS.

2. REFERENCE BERRIDGE'S WEB SITE FOR APPROVED UNDERLAYMENT AND CAULK TYPES CONSULT BERRIDGE MANUFACTURING'S ENGINEERING DEPARTMENT REGARDING FASTENER TYPE & SPACING. (REFERENCE INSTALLATION INSTRUCTIONS & LOAD CHARTS FOR MIN. FASTENER REQUIREMENTS)

NOTE: ALL FLASHING GAUGES TO BE EQUAL TO THE ASSOCIATED PANEL GAUGE UNLESS NOTED OTHERWISE

F = FINISH SIDE  
FV = FIELD VERIFY



BERRIDGE  
MANUFACTURING  
COMPANY

Roofs of Distinction

RAKE WALL DETAIL  
CHANNEL CLOSURE  
SOLID SUBSTRATE

CURVED ZEE-LOCK PANEL

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CZ-53PS

CONTINUOUS CAULK AT REGLET

REGLET FLASHING; 4" END LAPS WITH CONTINUOUS CAULK AT LAPS

BERRIDGE CURVED ZEE-LOCK PANEL; FIELD CUT LAST PANEL AND FORM NEW LEG OR START FIRST RUN WITH FULL WIDTH PANEL AND FIELD CUT TOP OF MALE LEG OFF. PANEL TO BE CONTINUOUS FROM RIDGE TO EAVE.

FACTORY APPLIED EXTRUDED VINYL WEATHERSEAL US PATENT NO. 5,134,825

SOLID SHEATHING

CONTINUOUS ZEE-RIB WITH VINYL WEATHERSEAL

BERRIDGE APPROVED PEEL & STICK UNDERLAYMENT. INSTALL MIN. 12" STRIP PLY OVER SUB-FLASHING. TOP LAYER TO BE PARALLEL WITH ROOF SLOPE.

REGLET; BELOW WEEP HOLES

FASTENERS; 16" O.C. MAX.

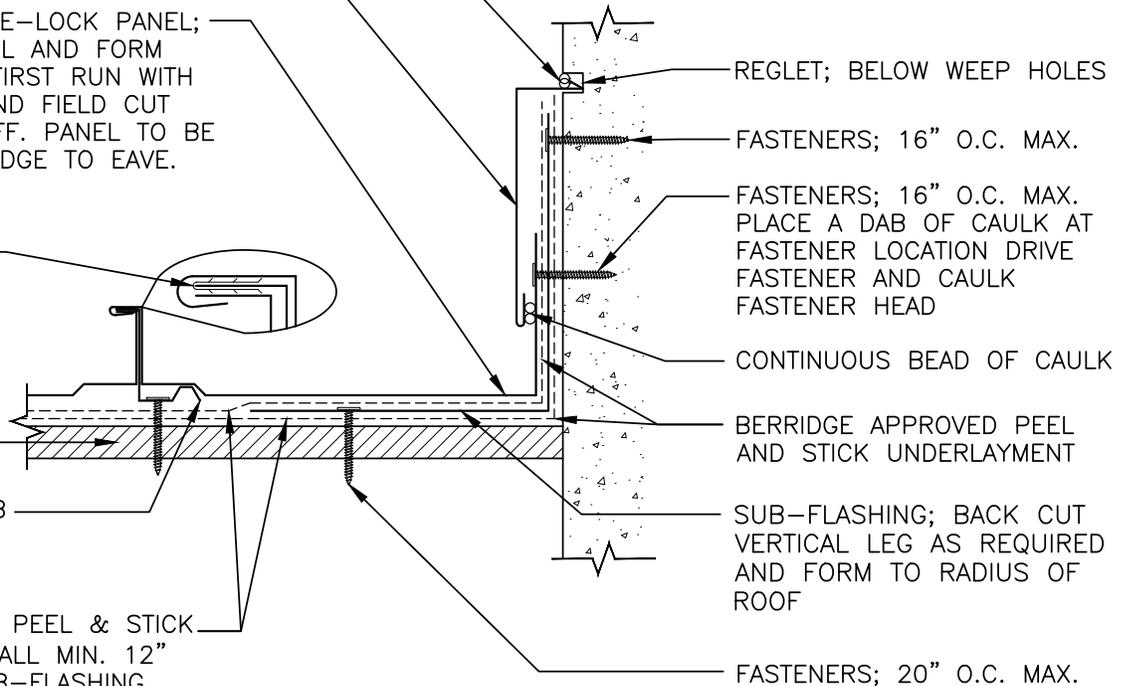
FASTENERS; 16" O.C. MAX. PLACE A DAB OF CAULK AT FASTENER LOCATION DRIVE FASTENER AND CAULK FASTENER HEAD

CONTINUOUS BEAD OF CAULK

BERRIDGE APPROVED PEEL AND STICK UNDERLAYMENT

SUB-FLASHING; BACK CUT VERTICAL LEG AS REQUIRED AND FORM TO RADIUS OF ROOF

FASTENERS; 20" O.C. MAX.

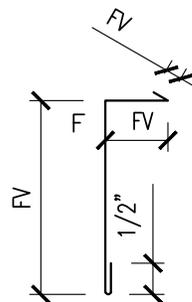


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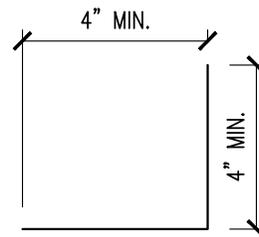
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NOTE: ALL FLASHING GAUGES TO BE EQUAL TO THE ASSOCIATED PANEL GAUGE UNLESS NOTED OTHERWISE

F = FINISH SIDE  
FV = FIELD VERIFY



REGLET FLASHING



SUB-FLASHING



BERRIDGE MANUFACTURING COMPANY

Roofs of Distinction

RAKE WALL DETAIL  
REGLET  
SOLID SUBSTRATE

CURVED ZEE-LOCK PANEL

DATE: 9/20

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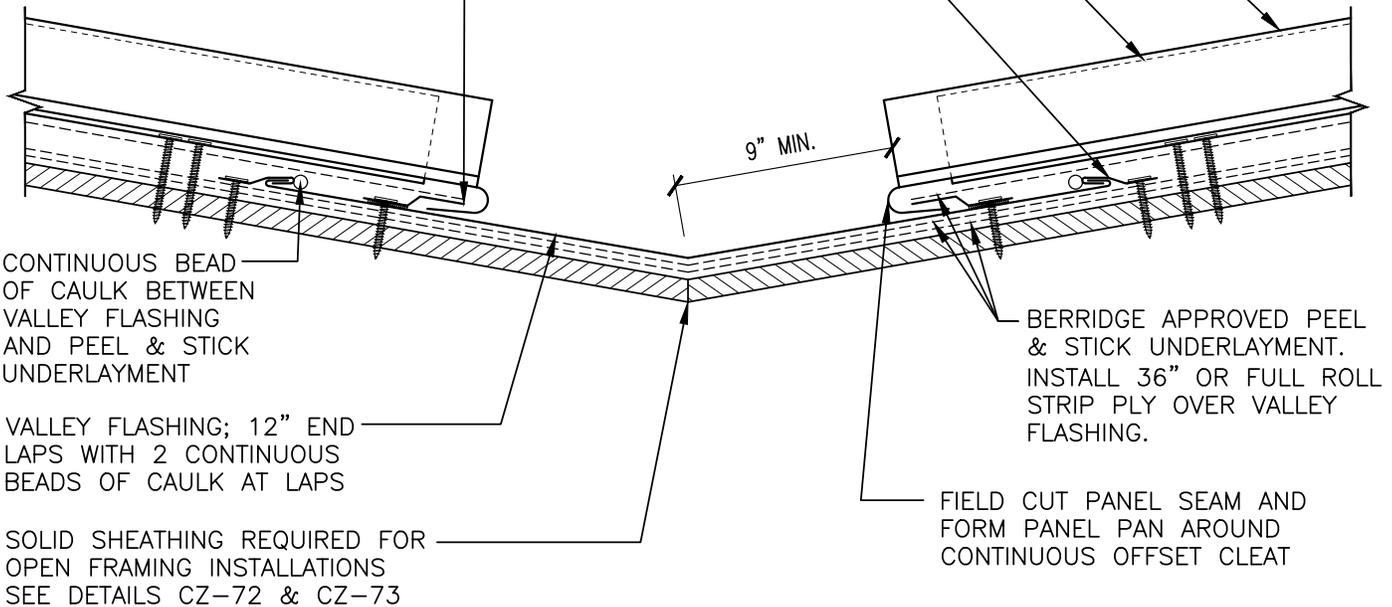
CZ-53R

BERRIDGE CURVED ZEE-LOCK PANEL

CONTINUOUS ZEE-RIB WITH VINYL WEATHERSEAL  
DO NOT USE FASTENERS IN VALLEY FLASHING.

CONTINUOUS CLEAT; WITH FASTENERS 20" O.C. MAX.

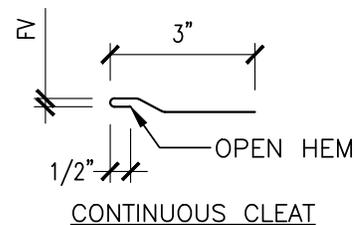
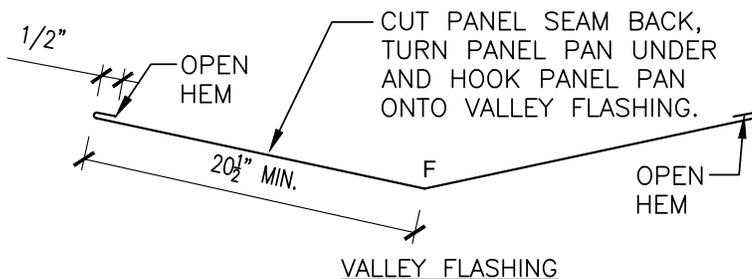
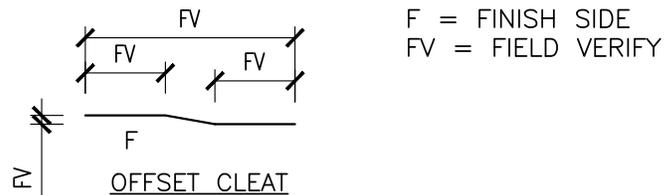
CONTINUOUS OFFSET CLEAT; WITH  
FASTENERS 20" O.C. MAX. SET  
CLEAT IN CONTINUOUS CAULK



USE SHORT LENGTH FLASHING AND FAN LAYOUT AROUND VALLEY, FLASHING LAPS MINIMUM 12" (SEE ALSO CZ-71)

1. SOLID SHEATHING (NOT BY BERRIDGE) TO MEET ENGINEERING AND ARCHITECTURAL SPECIFICATIONS MINIMUM REQUIREMENTS, REFERENCE INSTALLATION INSTRUCTIONS.
2. REFERENCE BERRIDGE'S WEB SITE FOR APPROVED UNDERLAYMENT AND CAULK TYPES CONSULT BERRIDGE MANUFACTURING'S ENGINEERING DEPARTMENT REGARDING FASTENER TYPE & SPACING. (REFERENCE INSTALLATION INSTRUCTIONS & LOAD CHARTS FOR MIN. FASTENER REQUIREMENTS)

NOTE: ALL FLASHING GAUGES TO BE EQUAL TO THE ASSOCIATED PANEL GAUGE UNLESS NOTED OTHERWISE



BERRIDGE  
MANUFACTURING  
COMPANY

Roofs of Distinction

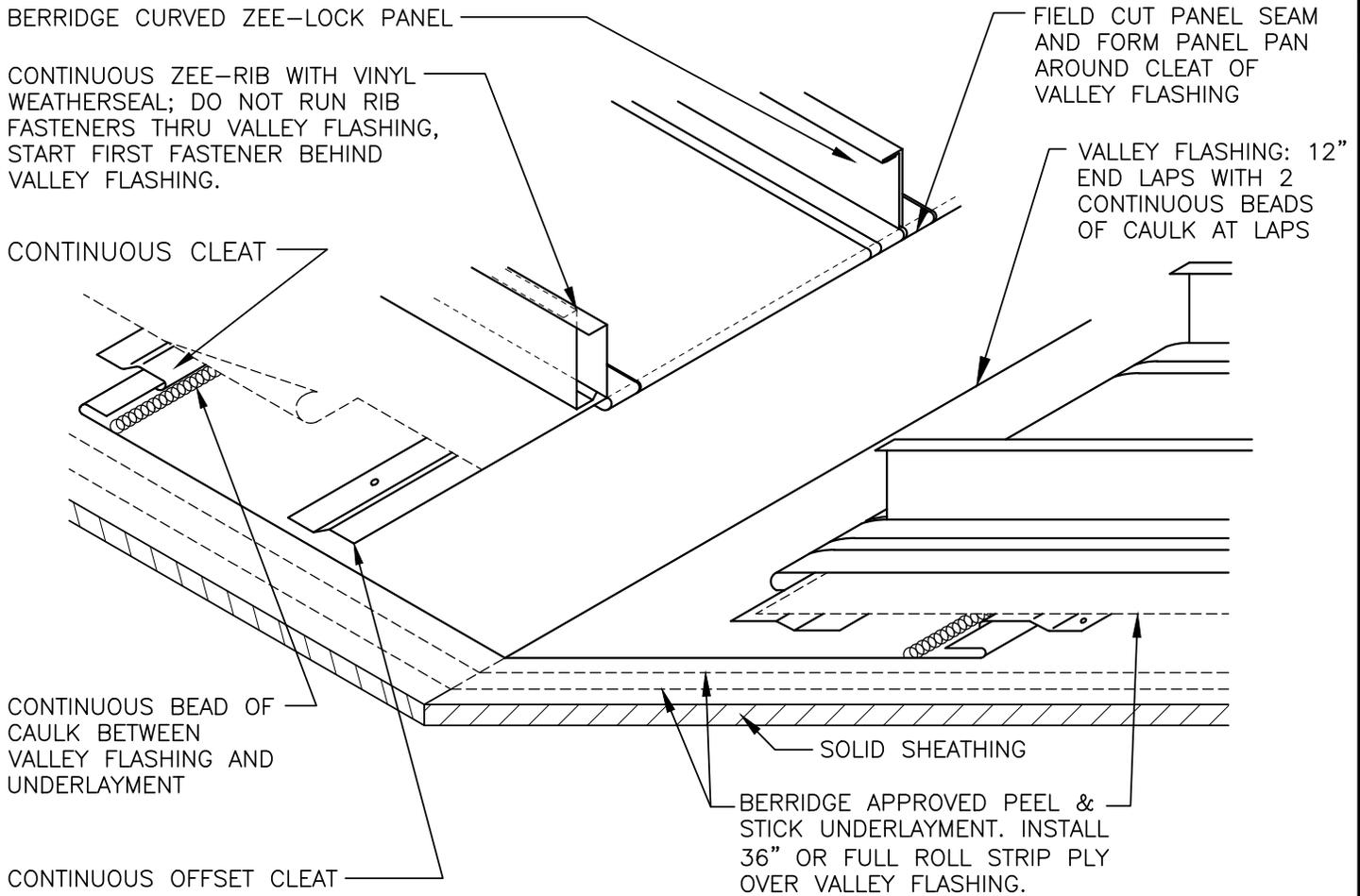
VALLEY DETAIL  
SOLID SUBSTRATE

CURVED ZEE-LOCK PANEL

DATE: 9/20

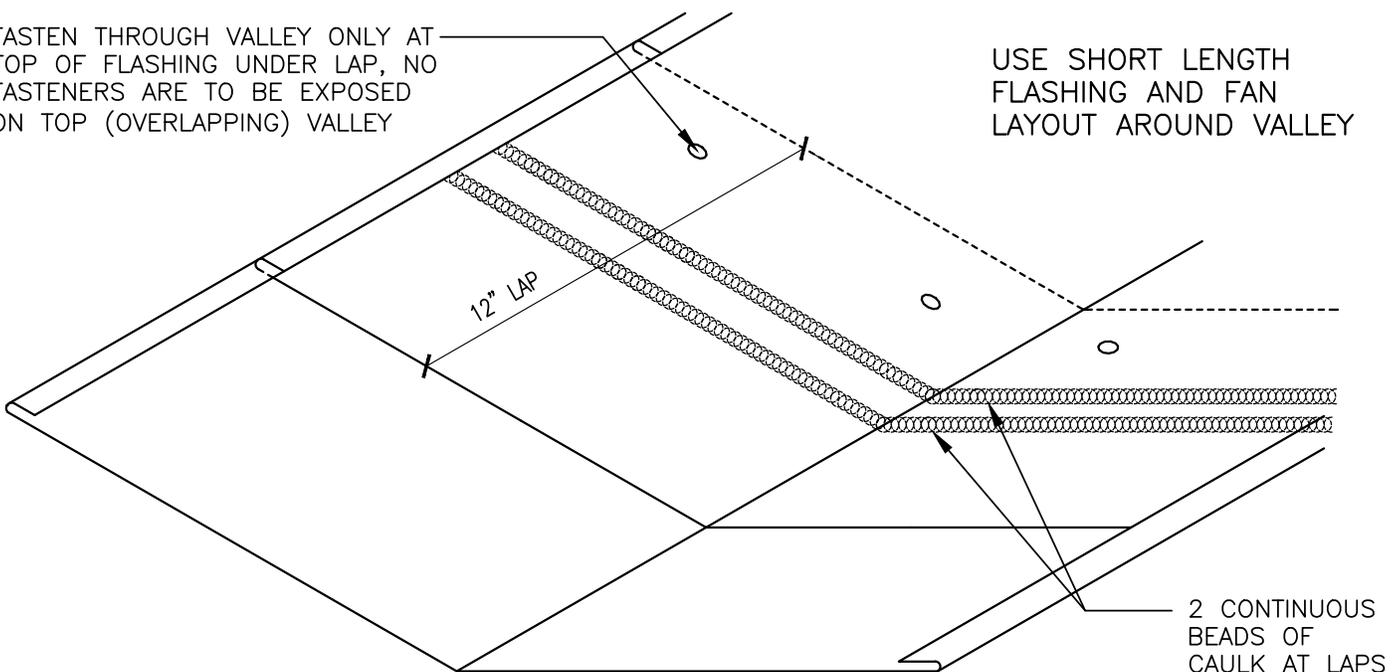
PAGE\FILE

CZ-70



FASTEN THROUGH VALLEY ONLY AT TOP OF FLASHING UNDER LAP, NO FASTENERS ARE TO BE EXPOSED ON TOP (OVERLAPPING) VALLEY

USE SHORT LENGTH FLASHING AND FAN LAYOUT AROUND VALLEY



BERRIDGE  
MANUFACTURING  
COMPANY

Roofs of Distinction

VALLEY DETAIL; ISOMETRIC  
OPEN FRAMING &  
SOLID SUBSTRATE

CURVED ZEE-LOCK PANEL

DATE: 9/20

PAGE\FILE

CZ-71

BERRIDGE CURVED ZEE-LOCK PANEL

CONTINUOUS ZEE-RIB WITH VINYL WEATHERSEAL  
DO NOT USE FASTENERS IN VALLEY FLASHING.

CONTINUOUS CLEAT; WITH FASTENERS 20" O.C. MAX.

CONTINUOUS OFFSET CLEAT; WITH  
FASTENERS 20" O.C. MAX. SET  
CLEAT IN CONTINUOUS CAULK

CONTINUOUS BEAD  
OF CAULK BETWEEN  
VALLEY FLASHING  
AND PEEL & STICK  
UNDERLAYMENT

VALLEY FLASHING; 12" END  
LAPS WITH 2 CONTINUOUS  
BEADS OF CAULK AT LAPS

BERRIDGE CORRUGATED S-DECK

9" MIN.

BERRIDGE APPROVED PEEL  
& STICK UNDERLAYMENT.  
INSTALL 36" OR FULL ROLL  
STRIP PLY OVER VALLEY  
FLASHING.

FIELD CUT PANEL SEAM AND  
FORM PANEL PAN AROUND  
CONTINUOUS OFFSET CLEAT

FLAT SHEET VALLEY SUB-FLASHING

\*FLASHING PROFILES AND NOTES, SEE DETAILS CZ-70 & CZ-71

BERRIDGE APPROVED  
PEEL & STICK  
UNDERLAYMENT, RUN  
RIDGE TO EAVE

FLAT SHEET VALLEY  
SUB-FLASHING RUN  
RIDGE TO EAVE

BERRIDGE  
CORRUGATED S-DECK  
RUN RIDGE TO EAVE

HAT SECTION OVER  
PURLIN

RIDGE

SLOPE

PURLINS

EAVE  
EACH  
SIDE

SEE  
SECTION

BERRIDGE APPROVED PEEL  
& STICK UNDERLAYMENT

FLAT SHEET VALLEY  
SUB-FLASHING

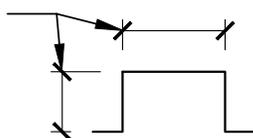
16 GA.  
CLIP ANGLE

PURLIN

16 GA. CURVED ANGLE

BERRIDGE CORRUGATED  
S-DECK

16 GA. HAT SECTION SIZED  
TO FIT OVER PURLIN AND  
TO ACCOMMODATE THE  
DEPTH OF THE BERRIDGE  
CORRUGATED S-DECK.



ROOFS WITH A SLOPE OF 4:12  
OR LESS 6'-0" MIN. ROOFS  
ROOFS ABOVE 4:12 3'-0" MIN.



BERRIDGE  
MANUFACTURING  
COMPANY

Roofs of Distinction

VALLEY DETAIL  
OPEN FRAMING; 2" ZEE-RIB

CURVED ZEE-LOCK PANEL

DATE: 9/20

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CZ-72

BERRIDGE CURVED ZEE-LOCK PANEL

CONTINUOUS ZEE-RIB WITH VINYL WEATHERSEAL  
DO NOT USE FASTENERS IN VALLEY FLASHING.

CONTINUOUS CLEAT; WITH FASTENERS 20" O.C. MAX.

CONTINUOUS OFFSET CLEAT; WITH  
FASTENERS 20" O.C. MAX. SET  
CLEAT IN CONTINUOUS CAULK

CONTINUOUS BEAD  
OF CAULK BETWEEN  
VALLEY FLASHING  
AND PEEL & STICK  
UNDERLAYMENT

VALLEY FLASHING; 12" END  
LAPS WITH 2 CONTINUOUS  
BEADS OF CAULK AT LAPS

BERRIDGE CORRUGATED S-DECK

9" MIN.

BERRIDGE APPROVED PEEL  
& STICK UNDERLAYMENT.  
INSTALL 36" OR FULL ROLL  
STRIP PLY OVER VALLEY  
FLASHING.

FIELD CUT PANEL SEAM AND  
FORM PANEL PAN AROUND  
CONTINUOUS OFFSET CLEAT

FLAT SHEET VALLEY SUB-FLASHING

\*FLASHING PROFILES AND NOTES, SEE DETAILS CZ-70 & CZ-71

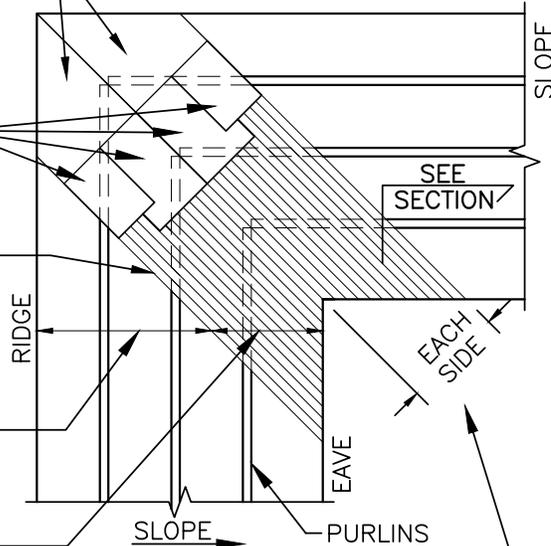
BERRIDGE APPROVED PEEL  
& STICK UNDERLAYMENT,  
RUN RIDGE TO EAVE.

FLAT SHEET VALLEY  
SUB-FLASHING RUN  
RIDGE TO EAVE

BERRIDGE CORRUGATED  
S-DECK PLACED ON  
TOP OF PURLINS RUN  
RIDGE TO EAVE

THIS AREA USE  
THE 3" ZEE-RIB

THIS AREA OVER  
CORRUGATED DECK  
USE 2" ZEE-RIB



BERRIDGE  
CORRUGATED S-DECK  
FLAT SHEET VALLEY  
SUB-FLASHING  
BERRIDGE APPROVED  
PEEL & STICK  
UNDERLAYMENT

PURLIN  
INSULATION

SECTION

ROOFS WITH A SLOPE OF 4:12  
OR LESS 6'-0" MIN. ROOFS  
ROOFS ABOVE 4:12 3'-0" MIN.



BERRIDGE  
MANUFACTURING  
COMPANY

Roofs of Distinction

VALLEY DETAIL  
OPEN FRAMING; 3" ZEE-RIB

CURVED ZEE-LOCK PANEL

DATE: 9/20

PAGE\FILE

CZ-73

BERRIDGE CURVED ZEE-LOCK PANEL

CONTINUOUS ZEE-RIB WITH VINYL WEATHERSEAL  
DO NOT USE FASTENERS IN VALLEY FLASHING.

CONTINUOUS CLEAT; WITH FASTENERS 20" O.C. MAX.  
PLACE A DAB OF CAULK AT FASTENER LOCATION,  
DRIVE FASTENER AND CAULK FASTENER HEAD

CONTINUOUS OFFSET CLEAT; WITH  
FASTENERS 20" O.C. MAX. SET  
CLEAT IN CONTINUOUS CAULK

CONTINUOUS  
ZEE-RIB WITH VINYL  
WEATHERSEAL

SOLID SHEATHING

CONTINUOUS BEAD OF CAULK

VALLEY FLASHING; 12" END LAPS WITH 2  
CONTINUOUS BEADS OF CAULK AT LAPS

BERRIDGE APPROVED PEEL & STICK  
UNDERLAYMENT. INSTALL 36" OR FULL  
ROLL STRIP PLY OVER FLASHINGS.

9" MIN.

20" MIN.

CONTINUOUS BEAD  
OF CAULK BETWEEN  
VALLEY FLASHING  
AND UNDERLAYMENT

FIELD CUT PANEL SEAM AND  
FORM PANEL PAN AROUND  
CONTINUOUS OFFSET CLEAT

FLAT SHEET; CUT TO CURVE OF VALLEY

COUNTER FLASHING; BACK CUT LEG UNDER  
UPPER PANEL AND LAYOUT TO CURVE

USE SHORT LENGTH FLASHING AND FAN  
LAYOUT AROUND VALLEY, FLASHING LAPS  
MINIMUM 12" (SEE ALSO DETAIL CZ-71)

VALLEY CENTER LINE

VALLEY FLASHING

FLAT SHEET; CUT TO  
CURVE OF VALLEY

COUNTER  
FLASHING

SEE  
DETAIL ABOVE

CONTINUOUS  
OFFSET CLEAT

BERRIDGE CURVED  
ZEE-LOCK PANEL



BERRIDGE  
MANUFACTURING  
COMPANY

Roofs of Distinction

TOP OF VALLEY AT DORMER

CURVED ZEE-LOCK PANEL

DATE: 9/20

PAGE\FILE

CZ-74

ROOF PIPE PENETRATION  
OF 4" IN DIA. OR LESS

CONTINUOUS CAULK

RUBBERIZED BOOT FLASHING

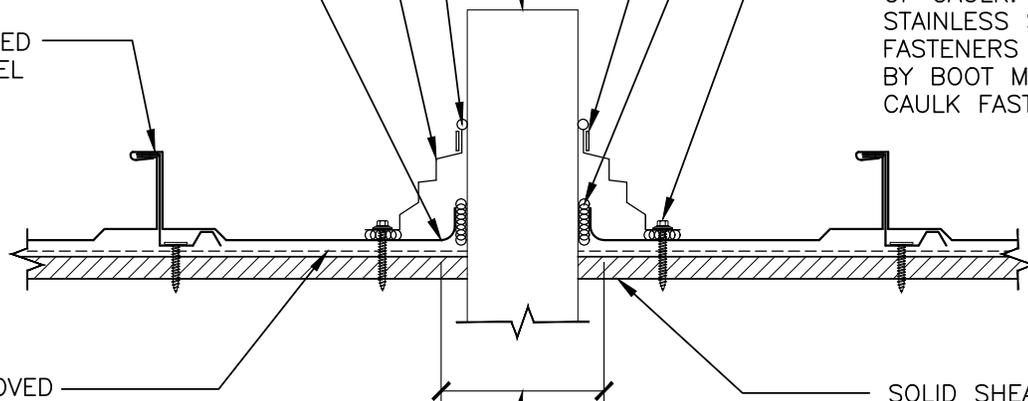
PIPE PENETRATION TO BE  
IN PAN OF PANEL ONLY

BERRIDGE CURVED  
ZEE-LOCK PANEL

STAINLESS STEEL HOSE  
CLAMP

CONTINUOUS CAULK

SET RUBBERIZED BOOT  
INTO CONTINUOUS BEAD  
OF CAULK. USE  
STAINLESS STEEL  
FASTENERS AS SPECIFIED  
BY BOOT MANUFACTURER  
CAULK FASTENER HEADS



BERRIDGE APPROVED  
PEEL & STICK  
UNDERLAYMENT

SOLID SHEATHING

CUT PANEL 1" SMALLER THAN PENETRATION,  
BACK CUT TABS, FOLD TABS UP AROUND  
PENETRATION, AND CAULK.

1. PIPE PENETRATION TO BE IN PAN OF PANEL ONLY
2. FIELD CUT HOLE IN PANEL 1" LESS THAN DIA. OF STACK. BACK CUT HOLE AND BEND PANEL UP AROUND STACK. CAULK CONTINUOUS.
3. IF PANELS ARE 30' OR LONGER, CUT HOLE TO ALLOW FOR THERMAL MOVEMENT.
4. IF PIPE IS METAL, IT MUST BE PAINTED TO PREVENT RUST RUN-OFF FROM STAINING PANELS.



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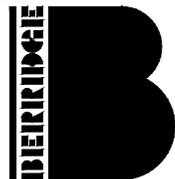
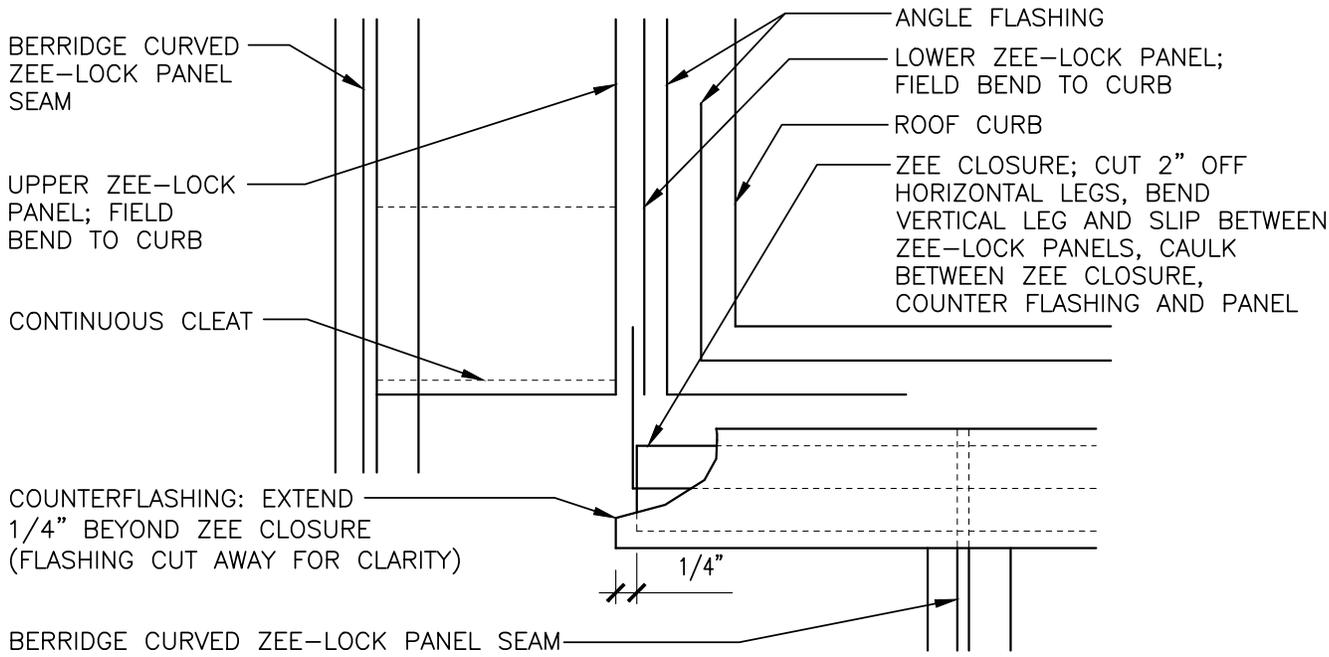
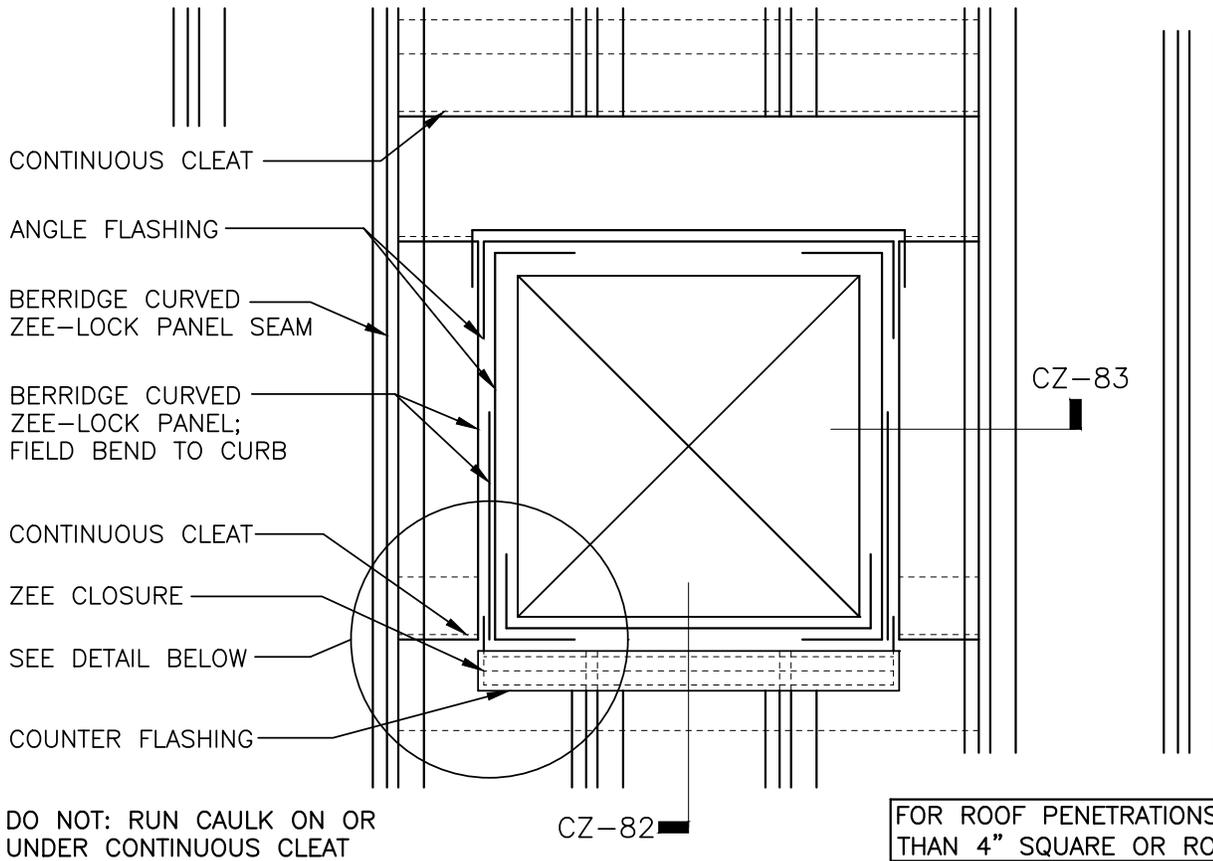
PIPE PENETRATION  
(PREFERRED METHOD)  
IN PAN OF PANEL ONLY  
OPEN FRAMING AND SOLID SUBSTRATE

CURVED ZEE-LOCK PANEL

DATE: 9/20

PAGE\FILE

CZ-80



**BERRIDGE  
MANUFACTURING  
COMPANY**

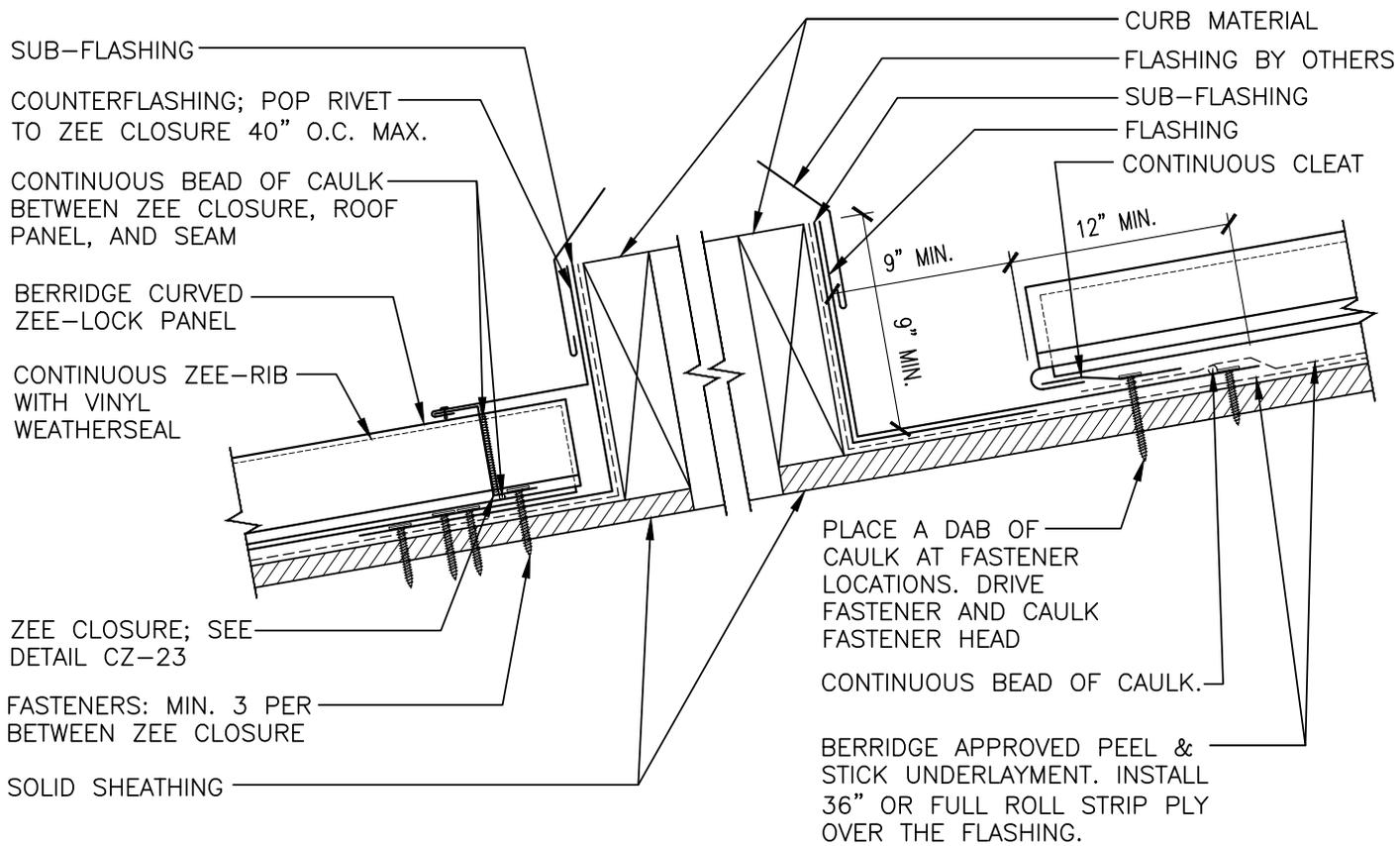
*Roofs of Distinction*

SQUARE PENETRATION  
PLAN VIEW  
OPEN FRAMING AND SOLID SUBSTRATE  
CURVED ZEE-LOCK PANEL

DATE: 9/20

PAGE\FILE

CZ-81



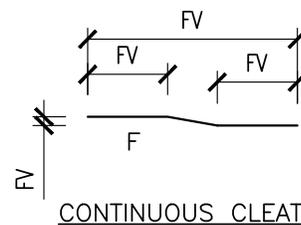
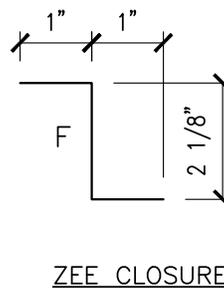
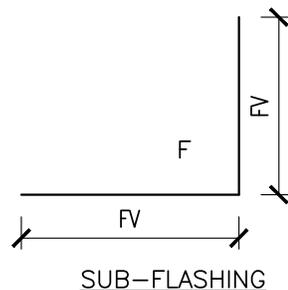
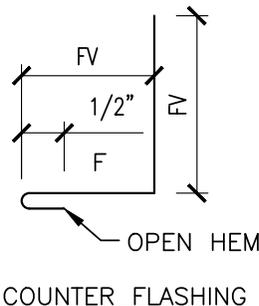
FOR ROOF PENETRATIONS LARGER THAN 4" SQUARE OR ROUND

NOTE: DO NOT RUN A CONTINUOUS BEAD OF CAULK IN CLEAT OR UNDER CLEAT.

1. SOLID SHEATHING IS REQUIRED AT THIS CONDITION WHEN USED OVER OPEN FRAMING (SEE DETAILS CZ-85 & CZ-86)
2. SOLID SHEATHING (NOT BY BERRIDGE) TO MEET ENGINEERING AND ARCHITECTURAL SPECIFICATIONS MINIMUM REQUIREMENTS, REFERENCE INSTALLATION INSTRUCTIONS.
3. REFERENCE BERRIDGE'S WEB SITE FOR APPROVED UNDERLAYMENT AND CAULK TYPES CONSULT BERRIDGE MANUFACTURING'S ENGINEERING DEPARTMENT REGARDING FASTENER TYPE & SPACING. (REFERENCE INSTALLATION INSTRUCTIONS & LOAD CHARTS FOR MIN. FASTENER REQUIREMENTS)

NOTE: ALL FLASHING GAUGES TO BE EQUAL TO THE ASSOCIATED PANEL GAUGE UNLESS NOTED OTHERWISE

F = FINISH SIDE  
FV = FIELD VERIFY



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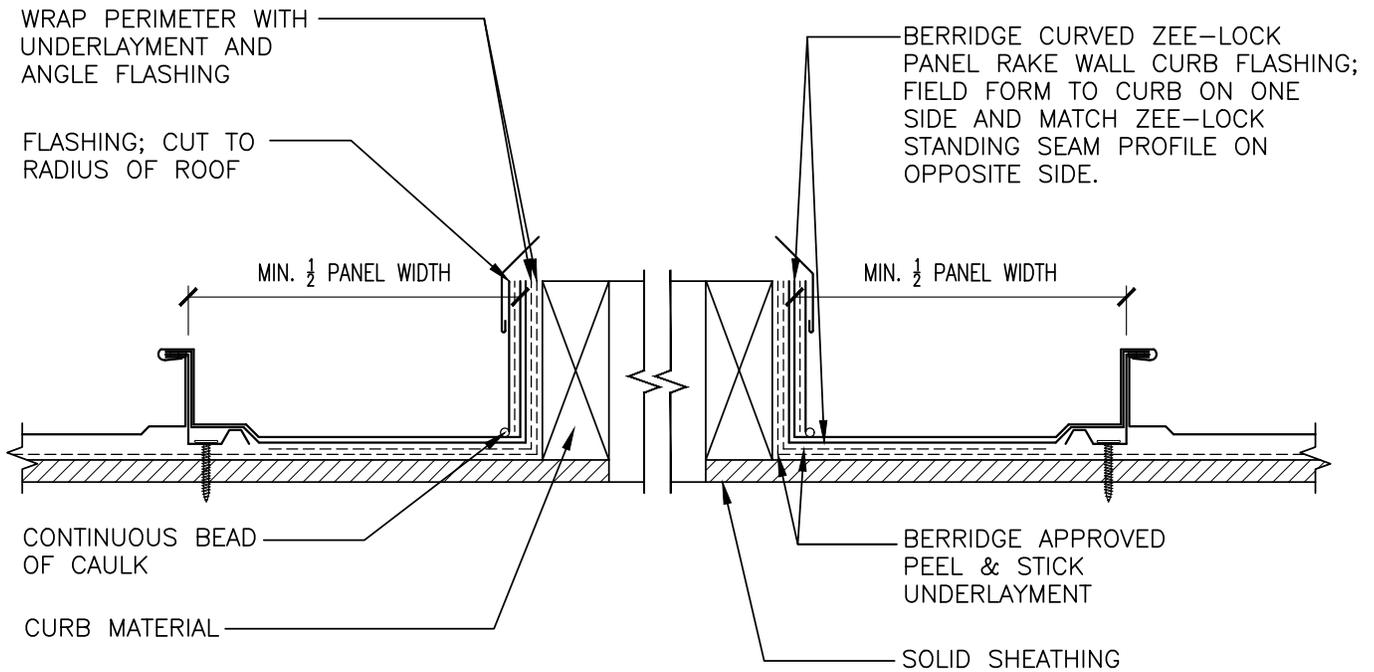
SQUARE PENETRATION  
SECTION A  
OPEN FRAMING AND SOLID SUBSTRATE  
CURVED ZEE-LOCK PANEL

DATE: 9/20

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CZ-82

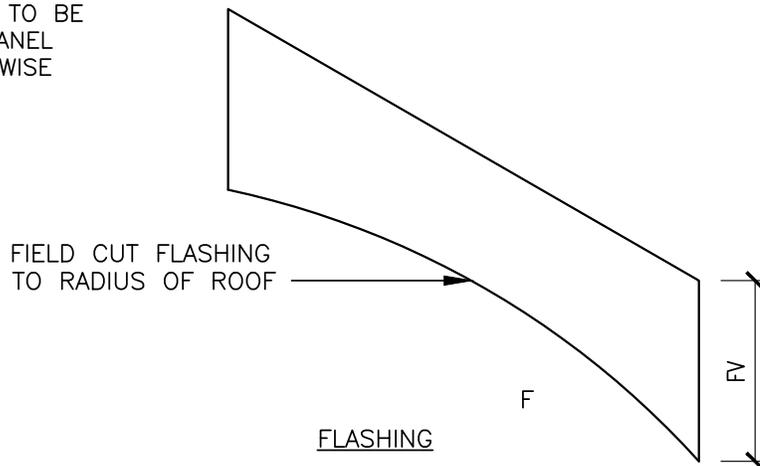
FOR ROOF PENETRATIONS LARGER THAN 4" SQUARE OR ROUND



1. SOLID SHEATHING IS REQUIRED AT THIS CONDITION WHEN USED OVER OPEN FRAMING (SEE DETAILS CZ-85 & CZ-86)
2. SOLID SHEATHING (NOT BY BERRIDGE) TO MEET ENGINEERING AND ARCHITECTURAL SPECIFICATIONS MINIMUM REQUIREMENTS, REFERENCE INSTALLATION INSTRUCTIONS.
3. REFERENCE BERRIDGE'S WEB SITE FOR APPROVED UNDERLAYMENT AND CAULK TYPES CONSULT BERRIDGE MANUFACTURING'S ENGINEERING DEPARTMENT REGARDING FASTENER TYPE & SPACING. (REFERENCE INSTALLATION INSTRUCTIONS & LOAD CHARTS FOR MIN. FASTENER REQUIREMENTS)

NOTE: ALL FLASHING GAUGES TO BE EQUAL TO THE ASSOCIATED PANEL GAUGE UNLESS NOTED OTHERWISE

F = FINISH SIDE  
FV = FIELD VERIFY



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Roofs of Distinction

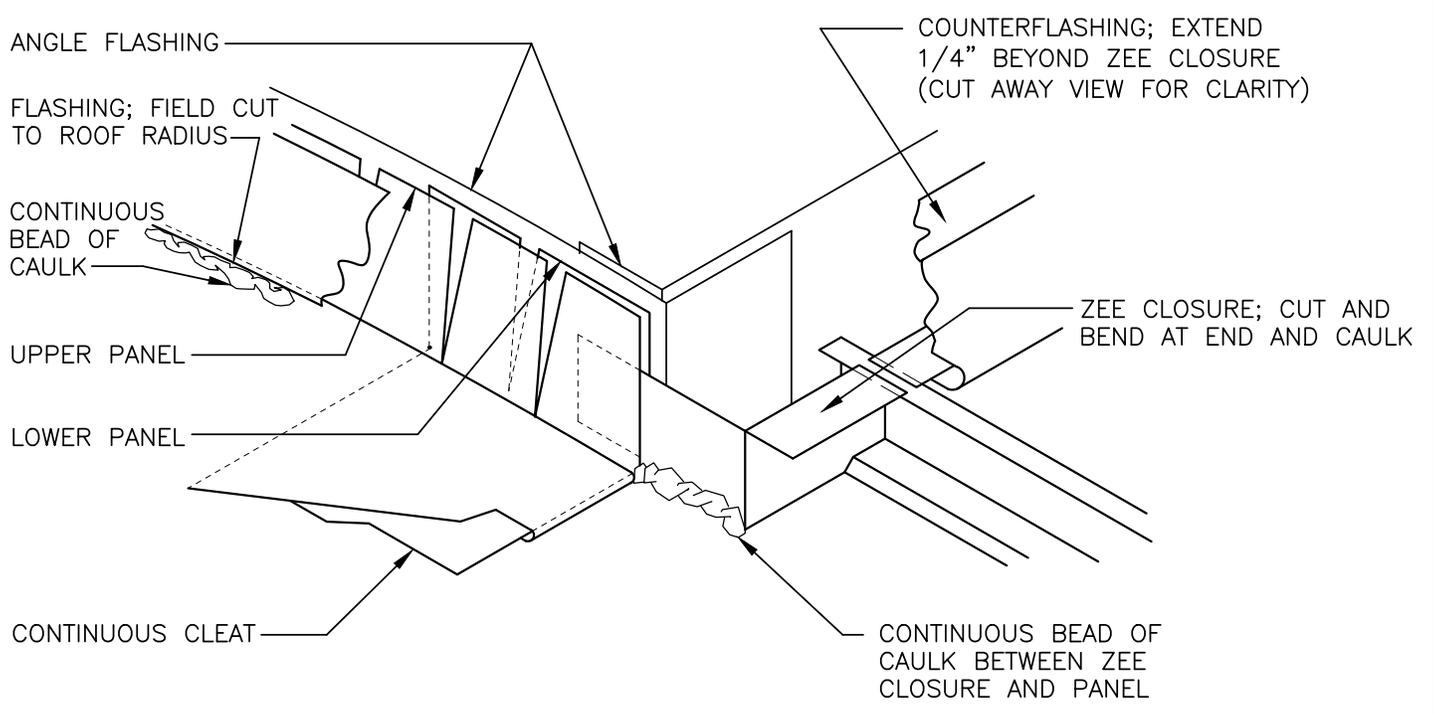
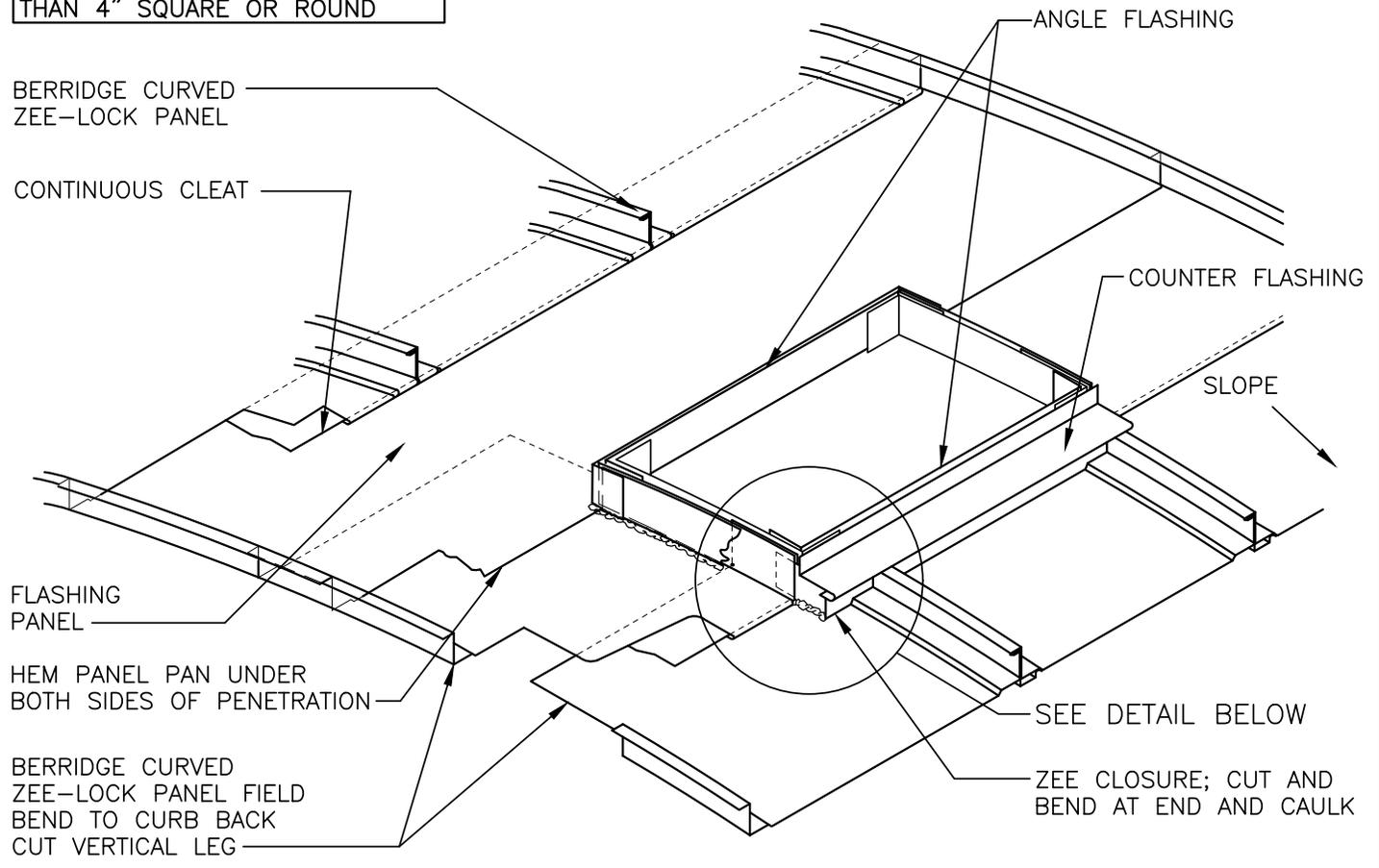
SQUARE PENETRATION  
SECTION B  
OPEN FRAMING AND SOLID SUBSTRATE  
CURVED ZEE-LOCK PANEL

DATE: 9/20

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CZ-83

FOR ROOF PENETRATIONS LARGER THAN 4" SQUARE OR ROUND

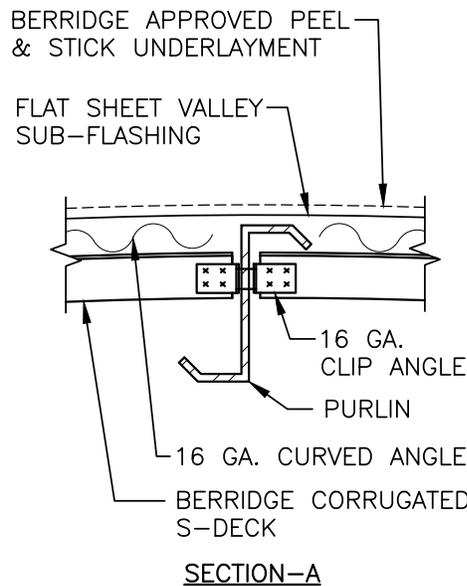
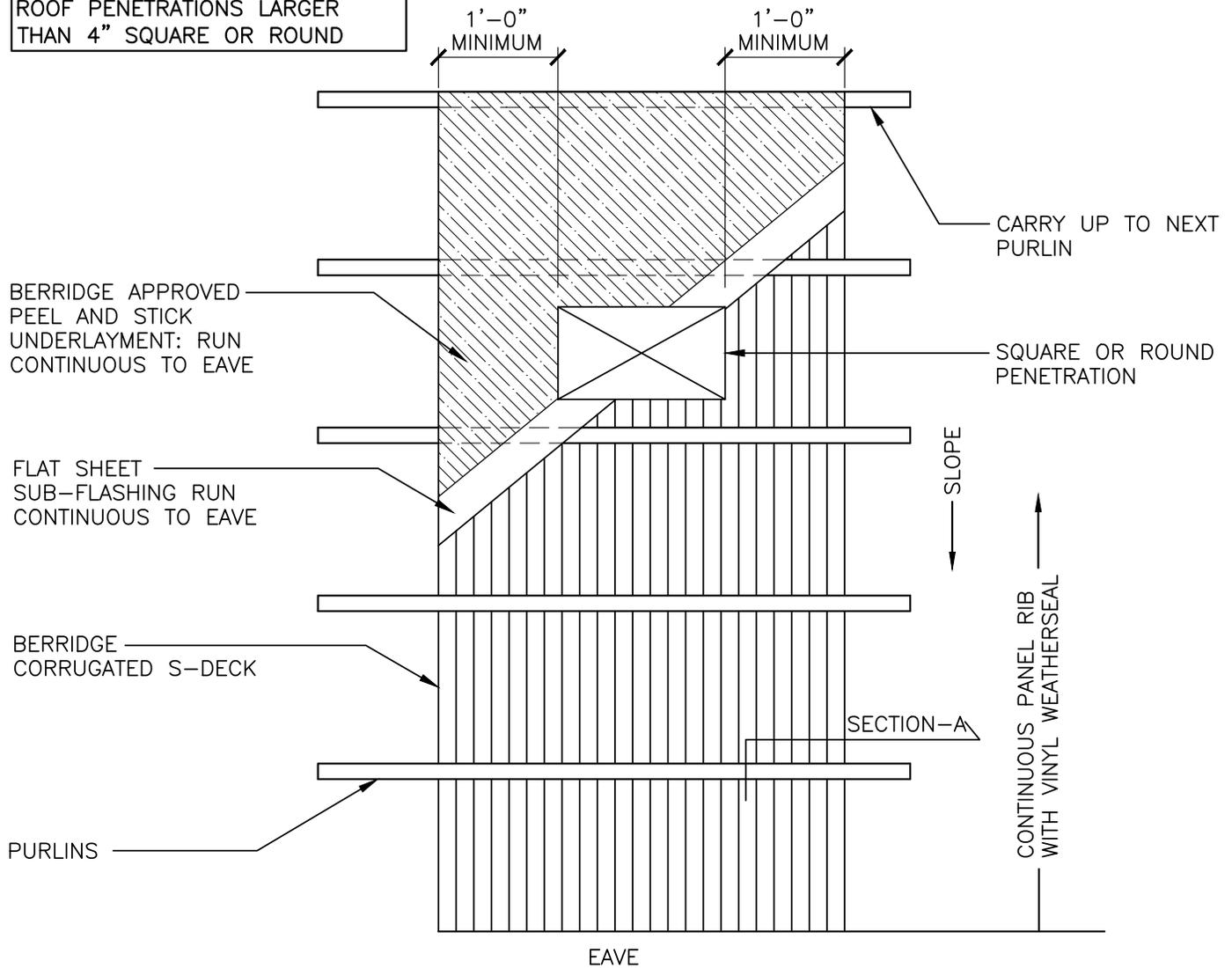


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**B**  
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 MANUFACTURING  
 COMPANY  
*Roofs of Distinction*

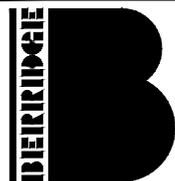
SQUARE PENETRATION  
 ISOMETRIC  
 OPEN FRAMING AND SOLID SUBSTRATE  
 CURVED ZEE-LOCK PANEL

DATE: 9/20  
 PAGE\FILE  
 CZ-84

OPEN FRAMING INSTALLATION, FOR  
ROOF PENETRATIONS LARGER  
THAN 4" SQUARE OR ROUND



A 40-MIL MINIMUM THICKNESS,  
SELF-ADHERING MEMBRANE IS  
REQUIRED. REFER TO  
[WWW.BERRIDGE.COM](http://WWW.BERRIDGE.COM) FOR LIST  
OF APPROVED PRODUCTS.



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PENETRATION  
LARGER THAN 4"; 2" ZEE-RIB  
OPEN FRAMING

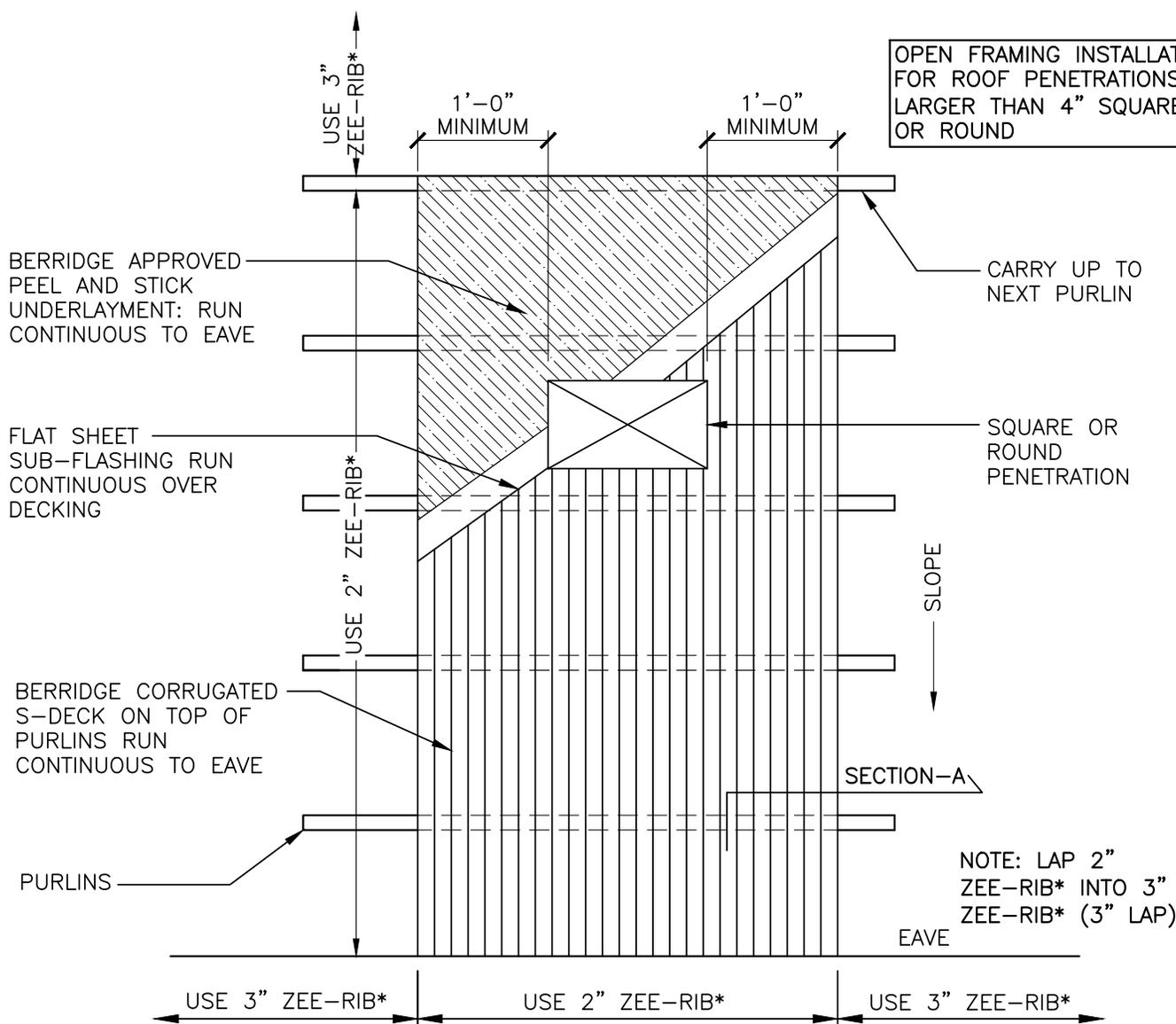
CURVED ZEE-LOCK PANEL

DATE: 9/20

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CZ-85

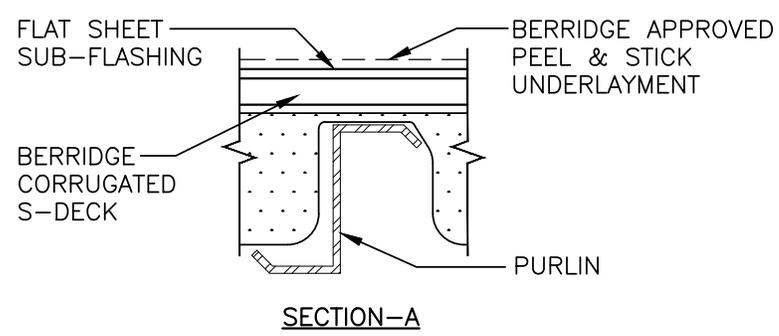
OPEN FRAMING INSTALLATION,  
FOR ROOF PENETRATIONS  
LARGER THAN 4" SQUARE  
OR ROUND



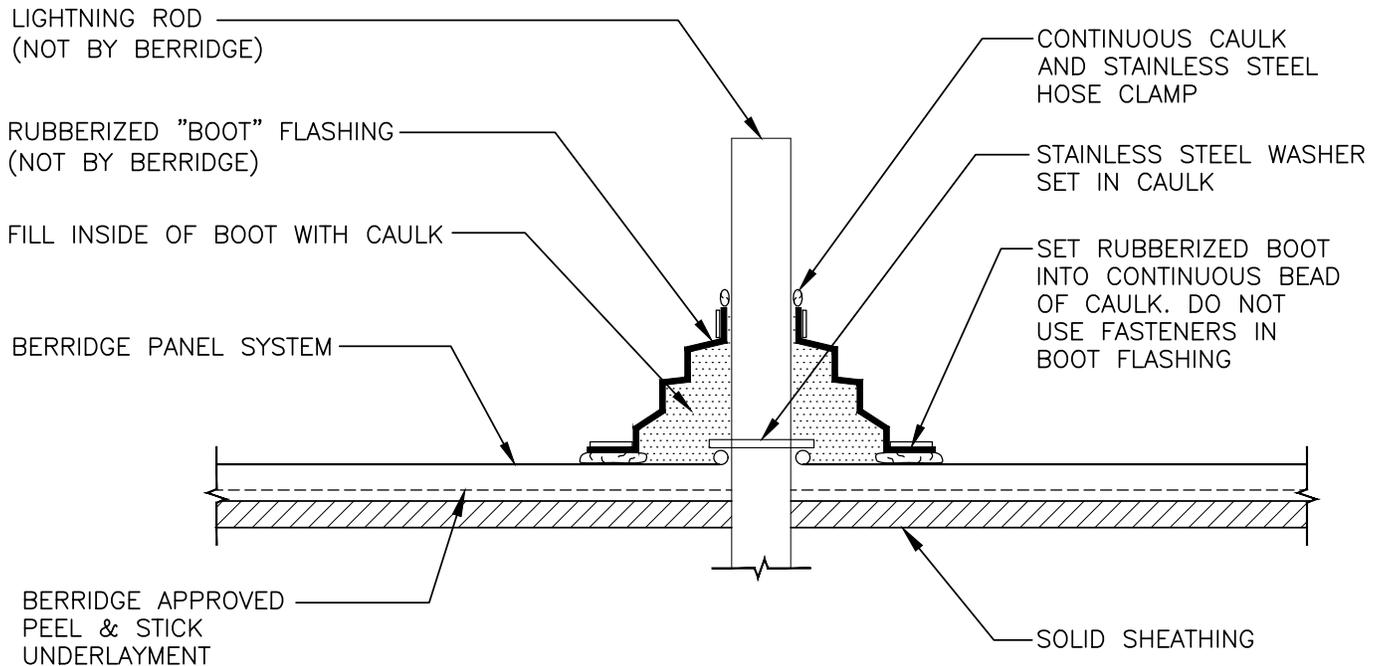
\*NOTE: CONTINUOUS 2" AND 3" ZEE-RIBS ARE REQUIRED TO HAVE VINYL WEATHERSEAL

USE SHIMS TO KEEP THE ZEE-RIB FROM FALLING INTO THE VALLEYS OF THE CORRUGATED DECK.

A 40-MIL MINIMUM THICKNESS, SELF-ADHERING MEMBRANE IS REQUIRED. REFER TO WWW.BERRIDGE.COM FOR LIST OF APPROVED PRODUCTS.



USE ONLY STAINLESS STEEL OR ALUMINUM LIGHTNING RODS



LIGHTNING CONTROL SYSTEMS ON A PROJECT ARE TO THE DISCRETION OF THE ARCHITECT OR PROJECT DESIGNER. BERRIDGE MANUFACTURING CO. MAKES NO RECOMMENDATIONS AS TO WHEN TO USE A LIGHTNING CONTROL SYSTEM.

IF A LIGHTNING CONTROL SYSTEM IS SPECIFIED, ALL COMPONENTS OF THE SYSTEM SHOULD BE OF MATERIAL COMPATIBLE WITH THE BERRIDGE ROOFING SYSTEM; ALUMINUM AND/OR STAINLESS STEEL ARE TWO METALS THAT WORK WELL. WHEN AN INCOMPATIBLE MATERIAL SUCH AS COPPER IS USED ELECTROLYTIC CORROSION OCCURS DUE TO DISSIMILAR METALS CONTACTING IN THE PRESENCE OF AN ELECTROLYTE, SUCH AS WATER. THE DISSIMILAR METALS SET UP A GALVANIC ACTION THAT RESULT IN THE DETERIORATION OF ONE OF THEM. BERRIDGE MANUFACTURING CO. WILL NOT BE HELD LIABLE FOR ANY CLAIMS DUE TO FAILURES CAUSED BY DISSIMILAR METALS.

LIGHTNING CONTROL SYSTEMS NORMALLY REQUIRE ANCHORAGE FOR THE AIR TERMINALS AND THE CABLE BASES. IF ANCHORAGE TO BERRIDGE MATERIAL IS MADE WITH AN ADHESIVE, COMPATIBILITY TO KYNAR/HYLAR PAINT SHOULD BE INVESTIGATED. IF CUTTING HOLES IN THE BERRIDGE ROOFING SYSTEM IS REQUIRED FOR ANCHORAGE, RUBBERIZED BOOTS (REFER TO THE LIGHTNING CONTROL MANUFACTURER FOR SUITABLE BOOTS) SHOULD BE USED AND SEALED TO THE BERRIDGE ROOF SYSTEM WITH TREMCO SPECTREM ONE CAULKING. IT IS POSSIBLE THAT CABLES MAY VIBRATE IN WIND AND CAUSE DAMAGE TO THE METAL AND PAINT FINISH, THEREFORE CABLES SHOULD NOT BE ALLOWED TO LAY ON TOP OF THE ROOFING PANELS OR FLASHING.

BERRIDGE MANUFACTURING WILL NOT BE RESPONSIBLE FOR WATERTIGHTNESS OF THE LIGHTNING CONTROL SYSTEM AND SHOULD BE COVERED BY THE LIGHTNING CONTROL SYSTEM INSTALLER OR MANUFACTURER.

LIGHTNING CONTROL SYSTEMS ARE TO BE DESIGNED BY AND INSTALLED BY QUALIFIED PROFESSIONALS. BERRIDGE MANUFACTURING CO. SHALL HAVE NO LIABILITY TO THE RECOMMENDATIONS OUTLINED IN THIS LETTER.



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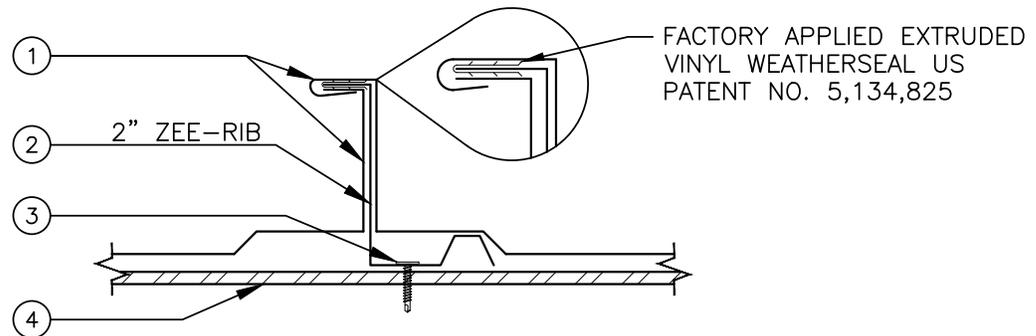
LIGHTNING ROD  
(IF APPLICABLE)

CURVED ZEE-LOCK PANEL

DATE: 9/20

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CZ-89



1. BERRIDGE CURVED ZEE-LOCK PANEL \* - NO. 24 MSG MINIMUM THICKNESS COATED STEEL. 16 IN. WIDE, 2 IN. HIGH. PANELS CONTINUOUS OVER TWO OR MORE SPANS WITHOUT END LAPS. ADJACENT PANELS ARE SEAMED TOGETHER ALONG SIDE LAPS USING AN ELECTRIC SEAMING TOOL.

BERRIDGE MANUFACTURING CO. - "ZEE-LOCK PANEL"

2. BERRIDGE ZEE-RIB (CONTINUOUS) \* - ONE PIECE ASSEMBLY FABRICATED FROM 24 MSG COATED STEEL. (MIN. YIELD STRENGTH 40,000 PSI) ZEE-RIB LOCATED AT EACH PANEL SIDE LAP BEING CONTINUOUS AND EQUAL TO LENGTH OF "METAL ROOF DECK PANELS" (ITEM 1) (2" ZEE-RIB)
3. FASTENERS (SCREWS) - FOR ATTACHING "ZEE-CLIP RIB" (ITEM 2) TO PURLINS. USE #12 x 1 IN. SELF-DRILLING, SELF-TAPPING STEEL SCREWS. TWO FASTENERS AT EACH PURLIN LOCATION.
4. PURLINS - NO. 16 MSG (MIN. YIELD STRENGTH 50,000 PSI) COATED STEEL 5'-0" MAXIMUM SPACING.



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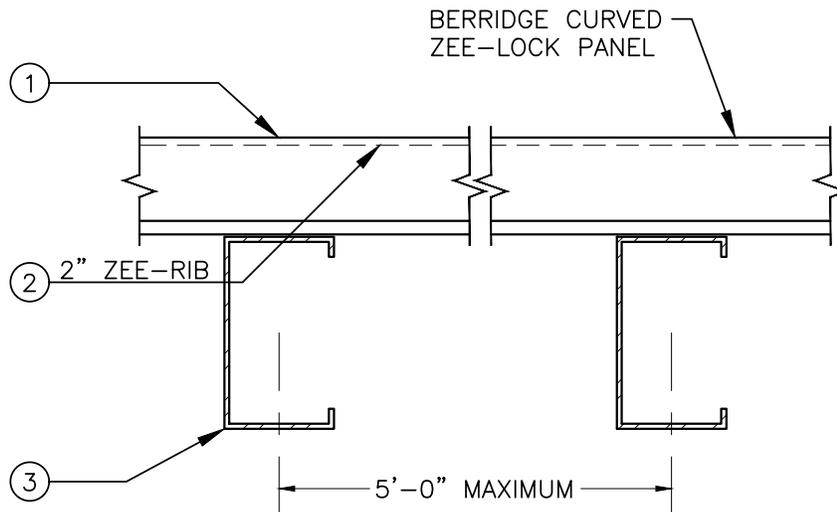
UL 90 APPROVED ASSEMBLY  
SEAM SECTIONS AND FASTENER  
SPECS CONSTRUCTION NO. 312

CURVED ZEE-LOCK PANEL

DATE: 9/20

PAGE\FILE

CZ-90



1. BERRIDGE CURVED ZEE-LOCK PANEL \* - NO. 24 MSG MINIMUM THICKNESS COATED STEEL, 16 IN. WIDE, 2 IN. HIGH. PANELS CONTINUOUS OVER TWO OR MORE SPANS WITHOUT END LAPS. ADJACENT PANELS ARE SEAMED TOGETHER ALONG SIDE LAPS USING AN ELECTRIC SEAMING TOOL.

BERRIDGE MANUFACTURING CO. - "ZEE-LOCK PANEL"

2. BERRIDGE ZEE-RIB (CONTINUOUS) \* - ONE PIECE ASSEMBLY FABRICATED FROM 24 MSG COATED STEEL. (MIN. YIELD STRENGTH 40,000 PSI) ZEE-RIB LOCATED AT EACH PANEL SIDE LAP BEING CONTINUOUS AND EQUAL TO LENGTH OF "METAL ROOF DECK PANELS" (ITEM 1) (2" ZEE-RIB)
3. PURLINS - NO. 16 MSG (MIN. YIELD STRENGTH 50,000 PSI) COATED STEEL 5'-0" MAXIMUM SPACING.



BERRIDGE  
MANUFACTURING  
COMPANY

Roofs of Distinction

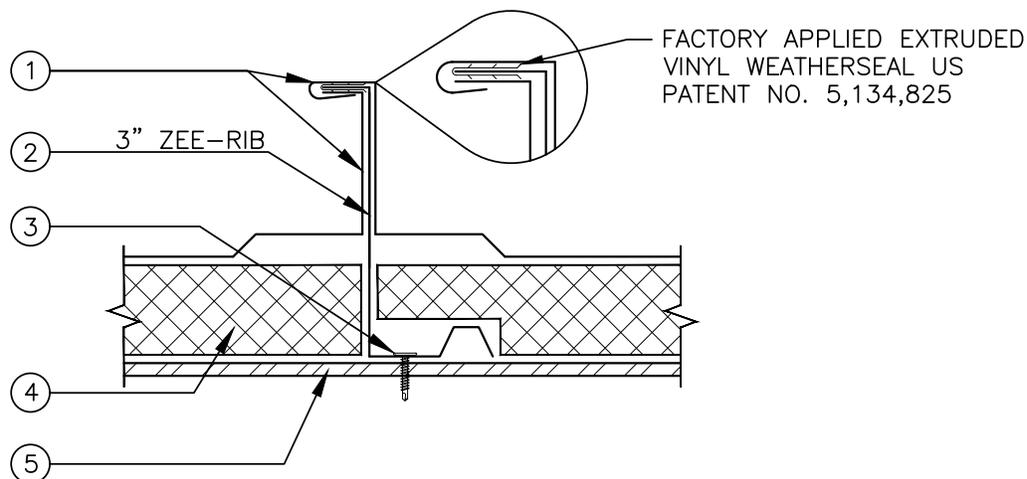
UL 90 APPROVED ASSEMBLY  
PURLIN SPACING  
CONSTRUCTION NO. 312

CURVED ZEE-LOCK PANEL

DATE: 9/20

PAGE\FILE

CZ-91



1. BERRIDGE CURVED ZEE-LOCK PANEL \* - NO. 24 MSG MINIMUM THICKNESS COATED STEEL, (MIN. YIELD STRENGTH 40,000 PSI) 16 IN. WIDE, 2 IN. HIGH. PANELS CONTINUOUS OVER TWO OR MORE SPANS WITHOUT END LAPS. ADJACENT PANELS ARE SEAMED TOGETHER ALONG SIDE LAPS USING AN ELECTRIC SEAMING TOOL.

BERRIDGE MANUFACTURING CO. - "ZEE-LOCK PANEL"

2. BERRIDGE ZEE-RIB (CONTINUOUS) \* - ONE PIECE ASSEMBLY FABRICATED FROM 24 MSG COATED STEEL. (MIN. YIELD STRENGTH 40,000 PSI) ZEE-RIB LOCATED AT EACH PANEL SIDE LAP BEING CONTINUOUS AND EQUAL TO LENGTH OF "METAL ROOF DECK PANELS" (ITEM 1) (3" ZEE-RIB)
3. FASTENERS (SCREWS) - FOR ATTACHING "ZEE-RIB" (ITEM 2) TO PURLINS (ITEM 5). USE #12 x 1 IN. SELF-DRILLING, SELF-TAPPING STEEL SCREWS. TWO FASTENERS AT EACH PURLIN LOCATION.
4. THERMAL BLOCK - 3" BY 16" BY 1" EXTRUDED POLYSTYRENE. (OPTIONAL)
5. PURLINS - NO. 16 MSG (MIN. YIELD STRENGTH 50,000 PSI) COATED STEEL 5'-0" MAXIMUM SPACING.
6. INSULATION - (NOT SHOWN) (OPTIONAL) 6" VINYL FACED COMPRESSIBLE INSULATION. REFER TO DETAIL Z-93.



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COMPANY**

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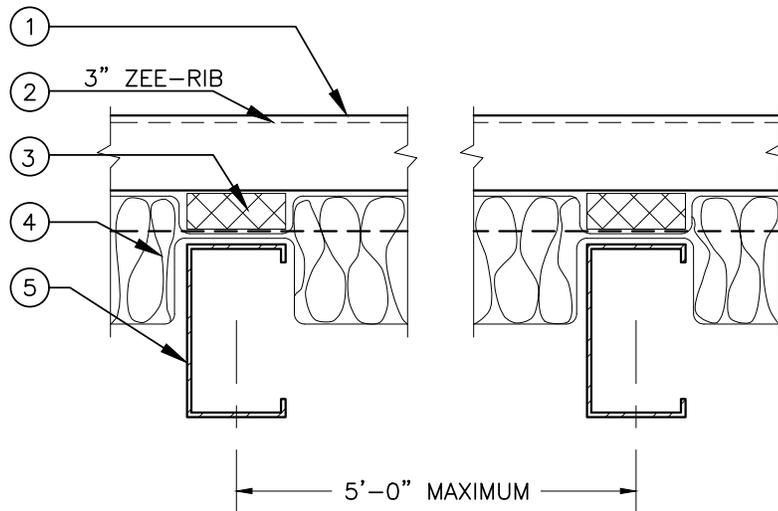
UL 90 APPROVED ASSEMBLY ZEE-LOCK PANEL WITH CONTINUOUS ZEE-RIB AND BLANKET INSULATION AND 1" THERMAL BLOCK AND 16 GA. PURLINS AT 5'-0" O.C. MAX. UL CONSTRUCTION NO. 312

**CURVED ZEE-LOCK PANEL**

DATE: 9/20

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CZ-92



1. BERRIDGE CURVED ZEE-LOCK PANEL \* – NO. 24 MSG MINIMUM THICKNESS COATED STEEL, (MIN. YIELD STRENGTH 40,000 PSI) 16 IN. WIDE, 2 IN. HIGH. PANELS CONTINUOUS OVER TWO OR MORE SPANS WITHOUT END LAPS. ADJACENT PANELS ARE SEAMED TOGETHER ALONG SIDE LAPS USING AN ELECTRIC SEAMING TOOL.

BERRIDGE MANUFACTURING CO. – "ZEE-LOCK PANEL"

2. BERRIDGE ZEE-RIB (CONTINUOUS) \* – ONE PIECE ASSEMBLY FABRICATED FROM NO. 24 MSG COATED STEEL. (MIN. YIELD STRENGTH 40,000 PSI) ZEE-RIB LOCATED AT EACH PANEL SIDE LAP BEING CONTINUOUS AND EQUAL TO LENGTH OF "METAL ROOF DECK PANELS" (ITEM 1) (3" ZEE-RIB)
3. THERMAL BLOCK – 3" BY 16" BY 1" EXTRUDED POLYSTYRENE. (OPTIONAL)
4. INSULATION – 6 IN. VINYL FACED COMPRESSIBLE INSULATION. (OPTIONAL)
5. PURLINS – NO. 16 MSG (MIN. YIELD STRENGTH 50,000 PSI) COATED STEEL 5'-0" MAXIMUM SPACING.



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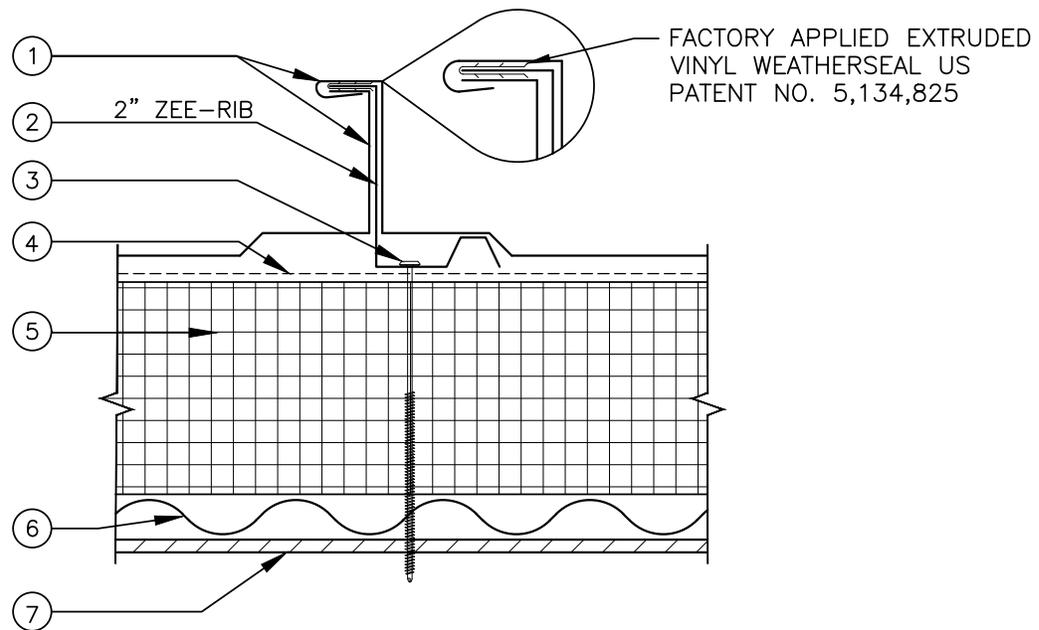
UL 90 APPROVED ASSEMBLY ZEE-LOCK PANEL WITH CONTINUOUS ZEE-RIB AND BLANKET INSULATION AND 1" THERMAL BLOCK AND 16 GA. PURLINS AT 5'-0" O.C. MAX. UL CONSTRUCTION NO. 312

**CURVED ZEE-LOCK PANEL**

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CZ-93



1. BERRIDGE CURVED ZEE-LOCK PANEL \* – NO. 24 MSG MINIMUM THICKNESS COATED STEEL, (MIN. YIELD STRENGTH 40,000 PSI) 16 IN. WIDE, 2 IN. HIGH. PANELS CONTINUOUS OVER TWO OR MORE SPANS WITHOUT END LAPS. ADJACENT PANELS ARE SEAMED TOGETHER ALONG SIDE LAPS USING AN ELECTRIC SEAMING TOOL.

BERRIDGE MANUFACTURING CO. – "ZEE-LOCK PANEL"

2. BERRIDGE ZEE-RIB (CONTINUOUS) \* – ONE PIECE ASSEMBLY FABRICATED FROM NO. 24 MSG COATED STEEL. (MIN. YIELD STRENGTH 40,000 PSI) ZEE-RIB LOCATED AT EACH PANEL SIDE LAP BEING CONTINUOUS AND EQUAL TO LENGTH OF "METAL ROOF DECK PANELS" (ITEM 1) (2" ZEE-RIB)
3. FASTENERS (SCREWS) –
  - A. FOR ATTACHING "ZEE-RIB" (ITEM 2) TO LINER (ITEM 6). USE #12 SELF-DRILLING STEEL SCREW THROUGH RIGID BOARD AND CONNECTED TO METAL DECK AT 18" ON CENTER. FASTENER LENGTH TO BE ADJUSTED TO ACCOUNT FOR THICKNESS OF RIGID INSULATION AND LINER PANEL WITH 3/4" MINIMUM PENETRATION INTO METAL DECK.
  - B. FOR ATTACHING "ZEE-RIB" (ITEM 2) TO PURLIN (ITEM 7) USE #12 SELF-DRILLING STEEL SCREW AT EACH PURLIN LOCATION. FASTENER LENGTH TO BE ADJUSTED TO ACCOUNT FOR THICKNESS OF RIGID INSULATION AND LINER PANEL WITH 3/4" MINIMUM PENETRATION INTO THE PURLIN.
  - C. FOR CONNECTION OF LINER (ITEM 6) TO PURLIN (ITEM 7) USE #10 X 3/4" FASTENER SPACED 5 1/2" ON CENTER. FASTENERS AT SIDE LAP TO BE SPACED 8" ON CENTER.
4. BERRIDGE APPROVED PEEL & STICK UNDERLAYMENT.
5. INSULATION – MAXIMUM 4" THICK, 2.25 PCF DENSITY 20 PSF COMPRESSIVE STRENGTH RIGID CLOSED CELL POLYISOCYANURATE CORE FIBERGLASS FACED INSULATION.
6. SUBSTRUCTURE (LINER) – NO. 24 MSG (MIN. YIELD STRENGTH 40,000 PSI) COATED STEEL. CORRUGATION HEIGHT TO BE MINIMUM 3/4". ENDLAPS TO OCCUR OVER PURLINS WITH PANELS OVERLAPPED MINIMUM 4".
7. PURLINS – NO. 16 MSG (MIN. YIELD STRENGTH 50,000 PSI) COATED STEEL. SPACING TO BE:
  - A. 5'-0" ON CENTER WHEN ITEM #2 IS CONNECTED TO ITEM #7
  - B. 4'-0" ON CENTER WHEN ITEM #2 IS CONNECTED TO ITEM #6



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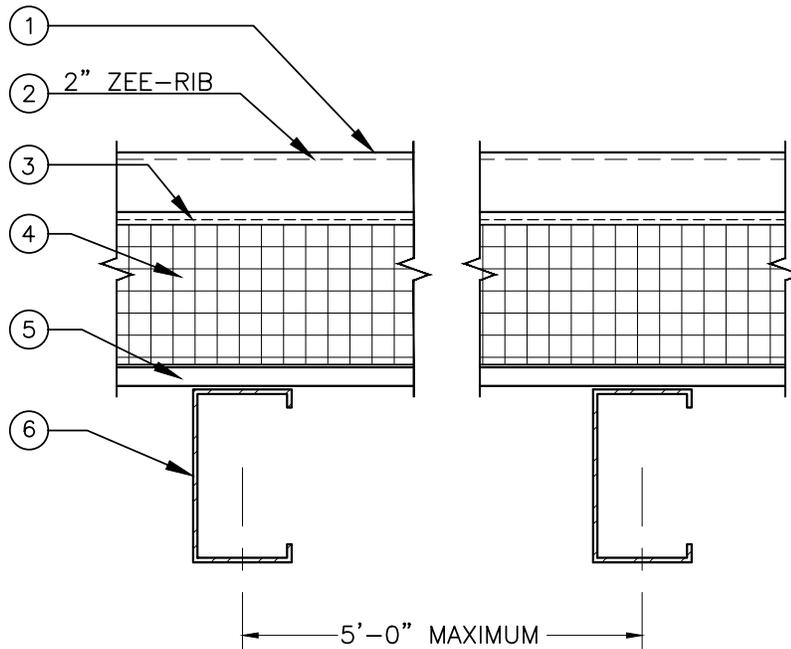
UL 90 APPROVED ASSEMBLY ZEE-LOCK PANEL WITH  
CONTINUOUS ZEE-RIB AND 4" RIGID INSULATION BOARD OVER  
BERRIDGE 24 GA. CORRUGATED S-DECK AND 16 GA. PURLINS  
AT 5'-0" O.C. MAX. UL CONSTRUCTION NO. 335

**CURVED ZEE-LOCK PANEL**

DATE: 9/20

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CZ-94



1. BERRIDGE CURVED ZEE-LOCK PANEL \* – NO. 24 MSG MINIMUM THICKNESS COATED STEEL, (MIN. YIELD STRENGTH 40,000 PSI) 16 IN. WIDE, 2 IN. HIGH. PANELS CONTINUOUS OVER TWO OR MORE SPANS WITHOUT END LAPS. ADJACENT PANELS ARE SEAMED TOGETHER ALONG SIDE LAPS USING AN ELECTRIC SEAMING TOOL.

BERRIDGE MANUFACTURING CO. – "ZEE-LOCK PANEL"

2. BERRIDGE ZEE-RIB (CONTINUOUS) \* – ONE PIECE ASSEMBLY FABRICATED FROM NO. 24 MSG COATED STEEL. (MIN. YIELD STRENGTH 40,000 PSI) ZEE-RIB LOCATED AT EACH PANEL SIDE LAP BEING CONTINUOUS AND EQUAL TO LENGTH OF "METAL ROOF DECK PANELS". (ITEM 1) (2" ZEE-RIB)
3. BERRIDGE APPROVED PEEL & STICK UNDERLAYMENT.
4. INSULATION – MAXIMUM 4" THICK, 2.25 PCF DENSITY 20 PSF COMPRESSIVE STRENGTH RIGID CLOSED CELL POLYISOCYANURATE CORE FIBERGLASS FACED INSULATION.
5. SUBSTRUCTURE (LINER) – NO. 24 MSG (MIN. YIELD STRENGTH 40,000 PSI) COATED STEEL. CORRUGATION HEIGHT TO BE MINIMUM 3/4". ENDLAPS TO OCCUR OVER PURLINS WITH PANELS OVERLAPPED MINIMUM 4".
6. PURLINS – NO. 16 MSG (MIN. YIELD STRENGTH 50,000 PSI) COATED STEEL. SPACING TO BE:
  - A. 5'-0" ON CENTER WHEN ITEM #2 IS CONNECTED TO ITEM #7
  - B. 4'-0" ON CENTER WHEN ITEM #2 IS CONNECTED TO ITEM #6



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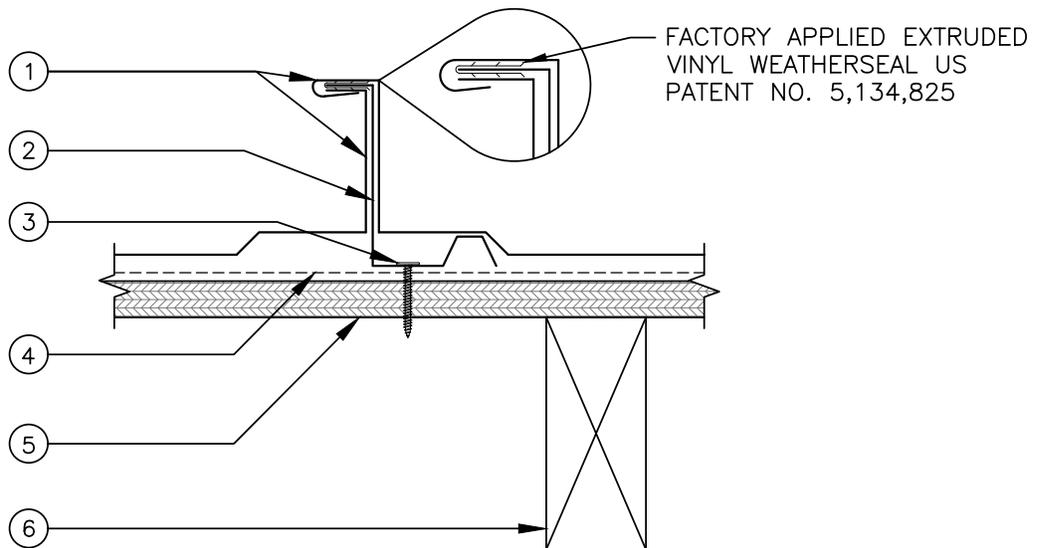
UL 90 APPROVED ASSEMBLY ZEE-LOCK PANEL WITH  
CONTINUOUS ZEE-RIB AND 4" RIGID INSULATION BOARD OVER  
BERRIDGE 24 GA. CORRUGATED S-DECK AND 16 GA. PURLINS  
AT 5'-0" O.C. MAX. UL CONSTRUCTION NO. 335

**CURVED ZEE-LOCK PANEL**

DATE: 9/20

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CZ-95



1. BERRIDGE CURVED ZEE-LOCK PANEL \* - NO. 24 MSG MINIMUM THICKNESS COATED STEEL, (MIN. YIELD STRENGTH 40,000 PSI) 16 IN. WIDE, 2 IN. HIGH. PANELS CONTINUOUS OVER TWO OR MORE SPANS WITHOUT END LAPS. ADJACENT PANELS ARE SEAMED TOGETHER ALONG SIDE LAPS USING AN ELECTRIC SEAMING TOOL.

BERRIDGE MANUFACTURING CO. - "ZEE-LOCK PANEL"

2. BERRIDGE ZEE-CLIP - ONE PIECE, 2" HIGH AND 3" LONG, ASSEMBLY FABRICATED FROM NO. 24 MSG COATED STEEL. (MIN. YIELD STRENGTH 40,000 PSI) ZEE-CLIP LOCATED 36" ON CENTER AT EACH PANEL SIDE JOINTS.
3. FASTENERS (SCREWS) -
  - A. FOR ATTACHING "ZEE-CLIPS" (ITEM 2) TO PLYWOOD (ITEM 5) USE #10 X 1" LONG PAN HEAD STEEL SCREWS. 2 PER CLIP.
  - B. FOR ATTACHING "ZEE-CLIPS" (ITEM 2) TO JOISTS (ITEM 6) #8 X 1½" LONG PAN HEAD WOOD SCREW SPACED 12" ON CENTER AT PLYWOOD TO JOIST CONNECTION AND AT PLYWOOD ENDS.
4. BERRIDGE APPROVED PEEL & STICK UNDERLAYMENT.
5. SUBSTRUCTURE (PLYWOOD): NOMINAL 5/8" THICK, EXPOSURE SHEATHING SPAN C-D 40/20 PLYWOOD.
6. JOISTS: NOMINAL 2"X4" AT MAXIMUM 2'-0" ON CENTER.



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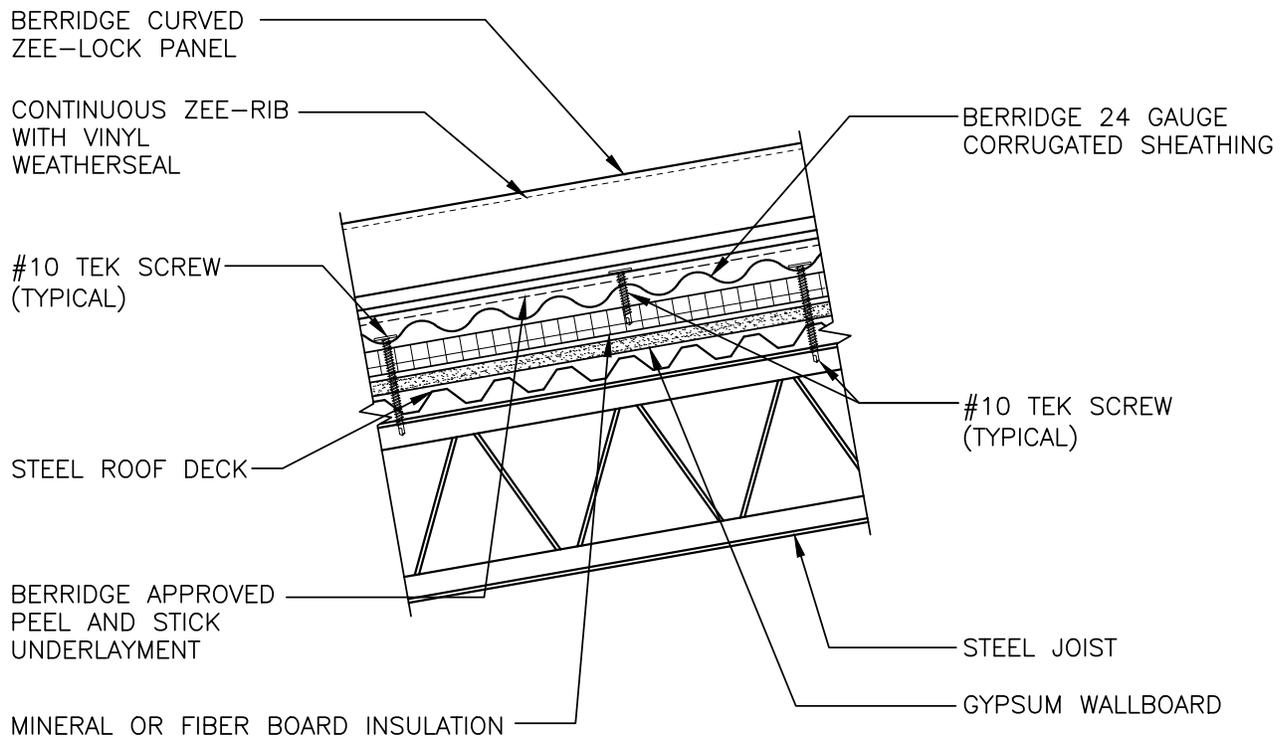
UL 90 APPROVED ASSEMBLY ZEE-LOCK PANEL  
WITH INDIVIDUAL ZEE-CLIPS OVER 5/8" PLYWOOD  
UL CONSTRUCTION NO. 403

**CURVED ZEE-LOCK PANEL**

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CZ-96



1. IN ORDER TO QUALIFY FOR A FIRE-RESISTANT RATING, THE ROOF SYSTEM CANNOT MAKE A PENETRATION IN THE INSULATION SYSTEM. THE ZEE LOCK-PANEL, IN ORDER TO MAKE POSITIVE ATTACHMENT, MUST BE ATTACHED TO A CORRUGATED SUBSTRATUM (IF THE INSULATION SYSTEM HAS NO NAILABLE SURFACE). THE CORRUGATED SUBSTRATUM IS TO BE MOUNTED DIRECTLY TO THE INSULATION SYSTEM WITH FASTENERS FASTENED THROUGH INTO THE STRUCTURAL STEEL DECK.
2. THIS ASSEMBLY QUALIFIES FOR THE FOLLOWING UL FIRE-RESISTANT ROOF ASSEMBLIES: UL DESIGN NUMBER P225, P230, P237, P250, P259, P508, P510, P514, AND P227 USING CELLULAR GLASS BLOCK IN LIEU OF MINERAL INSULATION BOARD.
3. ADDITIONAL INFORMATION REGARDING THIS ASSEMBLY IS AVAILABLE IN THE UL FIRE RESISTANCE DIRECTORY.



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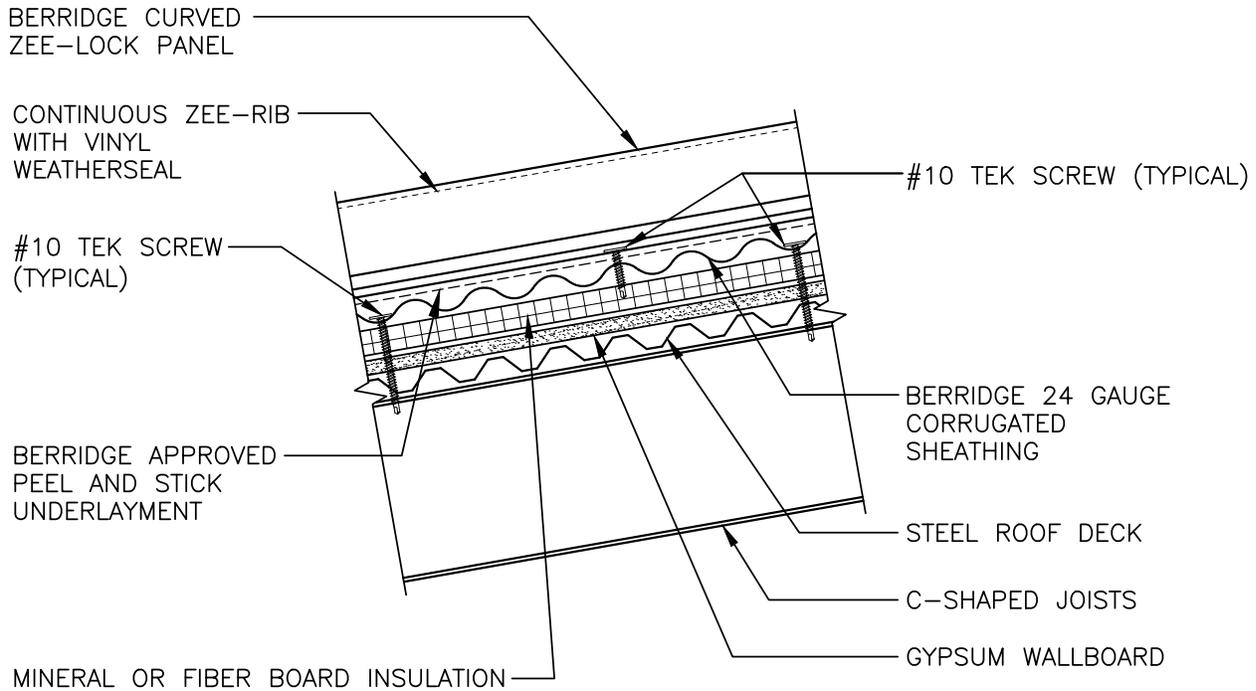
## UL FIRE RESISTANCE ROOF ASSEMBLY

### CURVED ZEE-LOCK PANEL

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CZ-100



1. IN ORDER TO QUALIFY FOR A FIRE-RESISTANT RATING, THE ROOF SYSTEM CANNOT MAKE A PENETRATION IN THE INSULATION SYSTEM. THE ZEE LOCK-PANEL, IN ORDER TO MAKE POSITIVE ATTACHMENT, MUST BE ATTACHED TO A CORRUGATED SUBSTRATUM (IF THE INSULATION SYSTEM HAS NO NAILABLE SURFACE). THE CORRUGATED SUBSTRATUM IS TO BE MOUNTED DIRECTLY TO THE INSULATION SYSTEM WITH FASTENERS FASTENED THROUGH INTO THE STRUCTURAL STEEL DECK.

2. THIS ASSEMBLY QUALIFIES FOR THE UL FIRE-RESISTANT ROOF ASSEMBLIES: P512 & P518, LESS THE MINERAL BOARD REQUIREMENTS.

3. ADDITIONAL INFORMATION REGARDING THIS ASSEMBLY IS AVAILABLE IN THE UL FIRE RESISTANCE DIRECTORY.



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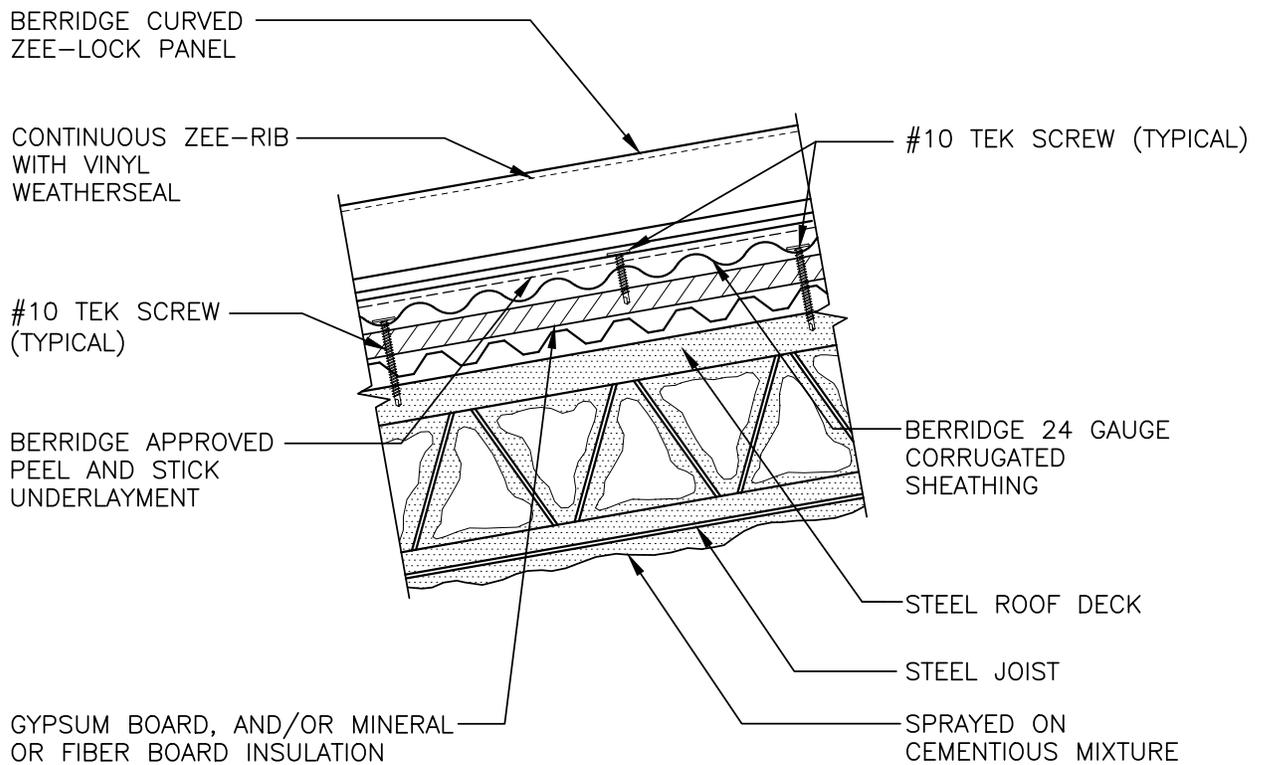
UL FIRE RESISTANCE  
ROOF ASSEMBLY

CURVED ZEE-LOCK PANEL

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CZ-101



1. IN ORDER TO QUALIFY FOR A FIRE-RESISTANT RATING, THE ROOF SYSTEM CANNOT MAKE A PENETRATION IN THE INSULATION SYSTEM. THE ZEE LOCK-PANEL, IN ORDER TO MAKE POSITIVE ATTACHMENT, MUST BE ATTACHED TO A CORRUGATED SUBSTRATUM (IF THE INSULATION SYSTEM HAS NO NAILABLE SURFACE). THE CORRUGATED SUBSTRATUM IS TO BE MOUNTED DIRECTLY TO THE INSULATION SYSTEM WITH FASTENERS FASTENED THROUGH INTO THE STRUCTURAL STEEL DECK.

2. THIS ASSEMBLY QUALIFIES FOR THE FOLLOWING UL FIRE RESISTANT ROOF ASSEMBLIES: UL DESIGN NUMBER P701, P711, P713, P717, P719, P720, P722, P723, P726, P731, P732, P734, P801, P815, P819 AND P824 ONLY USING SPRAYED ON FIBER IN LIEU OF CEMENTITIOUS MIXTURE.

3. ADDITIONAL INFORMATION REGARDING THIS ASSEMBLY IS AVAILABLE IN THE UL FIRE RESISTANCE DIRECTORY.



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UL FIRE RESISTANCE  
ROOF ASSEMBLY

CURVED ZEE-LOCK PANEL

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