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INDEX

CEE-LOCK PANEL

Berridge Manufacturing Company
Roofs of Distinction

A. BERRIDGE CEE-LOCK PANEL: IS AVAILABLE WITH A FIXED PAN WIDTH OF 16 1/2" WITH A SEAM HEIGHT OF 1 1/2". CEE-LOCK IS FACTORY FABRICATED AND/OR FIELD FABRICATED USING THE BERRIDGE CL-21 PORTABLE ROLL FORMER.

WHEN SPECIFYING COIL FOR FIELD-FORMED PANELS, ORDER 20 7/8" WIDE COIL TO FORM THE 16 1/2" COVERAGE PANEL WITH 1 1/2" HIGH LEG. PLEASE CONTACT BERRIDGE MANUFACTURING COMPANY FOR FURTHER INFORMATION REGARDING THE BERRIDGE CL-21 PORTABLE ROLL FORMER.

B. MINIMUM SLOPE: THE CEE-LOCK PANEL IS RECOMMENDED FOR ROOF SLOPES OF 1 ON 12 AND GREATER. IN HEAVY SNOW AREAS OR WHERE NUMEROUS FREEZE-THAW CYCLES ARE PREVALENT THROUGHOUT THE WINTER, A MINIMUM ROOF SLOPE OF 2 ON 12 IS RECOMMENDED. BERRIDGE MANUFACTURING COMPANY RECOMMENDS THE USE OF THE VINYL WEATHERSEAL (US PATENT NO. 4,641,475) FOR ALL OPEN FRAME APPLICATIONS.

A DOUBLE LAYER OF NUMBER THIRTY FELT UNDERLAYMENT OR EQUAL AND THE CEE-LOCK OPTIONAL VINYL WEATHERSEAL (US PATENT NO. 4,641,475) ARE RECOMMENDED FOR ALL APPLICATIONS WHERE THE ROOF SLOPE IS 3 ON 12 OR LESS.

C. MATERIAL STORAGE: CAUTION MUST BE EXERCISED IN STORAGE OF MATERIALS 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 PROVIDES PROTECTION OF THE FINISH DURING FABRICATION AND TRANSIT. THIS FILM MUST BE REMOVED PRIOR TO INSTALLATION.

E. SOLID SHEATHING REQUIREMENTS: BERRIDGE MANUFACTURING COMPANY RECOMMENDS THE USE OF EITHER BERRIDGE 24 GA. CORRUGATED SHEATHING (NOMINAL 2 1/2" PITCH x 11/16" DEPTH) OR A MINIMUM OF 1/2" PLYWOOD SHEATHING TO PROVIDE SUFFICIENT HOLDING POWER FOR FASTENERS. CONTACT BERRIDGE MANUFACTURING'S ENGINEERING DEPARTMENT FOR USE OF ANY OTHER TYPE OF SOLID SHEATHING. (# 30 FELT UNDERLAYMENT OR EQUAL MUST BE USED OVER ANY SOLID SHEATHING).

DUE TO # 30 FELTS TENDENCY TO TEAR WHEN USED OVER CORRUGATED DECKING, BERRIDGE MANUFACTURING RECOMMENDS GRACE ICE AND WATERSHIELD OR EQUAL TO BE USED AS AN UNDERLAYMENT FOR ALL CORRUGATED DECKS.

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

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 JOISTS 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 PANELS. SUBSTRATE SHOULD BE LEVEL TO 1/4" IN 20'-0".

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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:

CONSULT BERRIDGE MANUFACTURING'S ENGINEERING DEPARTMENT.

H. 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.

I. FELT UNDERLAYMENT: A MINIMUM SINGLE LAYER OF # 30 FELT UNDERLAYMENT (OR EQUAL) MUST BE APPLIED OVER SOLID SHEATHING AS SHOWN IN THE BERRIDGE MANUFACTURING COMPANY TYPICAL FELTING DETAILS. THE USE OF ADDITIONAL LAYERS OF # 30 FELT IS RECOMMENDED ON LOW–SLOPED ROOFS, AT ALL VALLEY CONDITIONS, AT ROOF PENETRATIONS, AND CERTAIN OTHER FLASHING CONDITIONS AS DEPICTED IN THE CEE–LOCK PANEL TYPICAL DETAILS. (THE UNDERLAYMENT MUST COVER THE ENTIRE ROOF DECKED SURFACE). GRACE ICE AND WATER SHIELD MAY BE REQUIRED ON LOW SLOPED ROOFS OR AT CERTAIN FLASHING CONDITIONS.
VERIFY CORRECT METHOD OF INSTALLING ICE AND WATERSHIELD WITH WATERSHIELD MANUFACTURE

J. FELTING INSTALLATION:

1. DO NOT USE RED ROSIN PAPER UNDER METAL ROOFING PANELS.
2. SWEEP ROOF AREA CLEAN.
3. USE FLAT HEAD GALVANIZED ROOFING NAILS x 1 1/4" LONG WITH BERRIDGE GALVANIZED FELT CAPS.

4. INSTALL VALLEY FELT FIRST.

5. INSTALL FELT PARALLEL TO EAVE (2 LAYERS REQUIRED AT EAVE), STARTING AT EAVE AND USING MINIMUM 6" LAPS. USE TWO LAYERS OF FELT ON ENTIRE ROOF DECK IF ROOF SLOPE IS 3 ON 12 OR LESS. 2 LAYERS OF FELT REQUIRED AT EAVE REGARDLESS OF SLOPE.

6. REFER TO BERRIDGE UNDERLAYMENT DETAILS.

7. INSULATE BETWEEN WOOD BLOCKING AND METAL WITH FELT OR ICE AND WATERSHIELD.

K. THERMAL MOVEMENT: EXPANSION AND CONTRACTION OF METAL PANELS WHICH EXCEED THIRTY FEET IN LENGTH CAN BE A FACTOR IN THE DESIGN AND INSTALLATION OF FLASHINGS. PLEASE REFER TO THE CHART ON PAGE CI-7 TO DETERMINE ANTICIPATED THERMAL MOVEMENT OF THE PANELS. IMPROPERLY DESIGNED FLASHING CAN ALLOW PANELS TO DISENGAGE FROM THE FLASHINGS, ALLOW "OIL-CANNING" IN THE PANEL AND/OR CAUSE FLASHING TO WORK LOOSE FROM ITS ANCHORAGE. REFER TO PAGE C-5 FOR THERMAL EXPANSION CLIP DETAILS.

L. ELECTROLYSIS: AVOID ALLOWING FLASHING AND PANELS TO COME INTO CONTACT WITH EITHER LEAD OR COPPER, AND PREVENT EXPOSURE TO WATER RUNDOWN FROM COPPER AND/OR LEAD.

M. 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.

N. 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.

O. PANELS: BERRIDGE MANUFACTURING COMPANY WILL PROVIDE SQUARE END CUTS ONLY ON ALL CEE-LOCK PANELS. COMPUTATION OF ALL QUANTITIES AND DIMENSIONS ARE THE RESPONSIBILITY OF THE PURCHASER.

P. 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. BEGIN BY INSTALLING J-CLIP AND/OR DRIP FLASHING AT GABLE THEN PLACING FIRST CEE-LOCK CONTINUOUS LENGTH PANEL.

4. INSTALL CEE–LOCK CLIPS OR CONTINUOUS CEE–RIB AS PER BERRIDGE TYPICAL DETAILS AND CEE–LOCK CONTINUOUS RIB/CLIP INSTALLATION NOTES.
5. IF OPTIONAL VINYL WEATHERSEAL (US PATENT 4,641,475) IS TO BE USED, THIS WILL BE EITHER FACTORY INSTALLED OR INSTALLED IN THE FIELD AS THE CEE–LOCK PANEL EXITS FROM THE CL–21 PORTABLE ROLL FORMER.
6. INSTALL PANELS BY PLACING THE FEMALE LEG OVER THE MALE LEG AND CONTINUOUS CEE–RIB OR CLIP AND SNAPPING THE INTEGRAL SEAM INTO PLACE WITH HAND PRESSURE. (ALTERNATIVE METHOD TO SNAP SEAMS TOGETHER IS TO PLACE A 2x4 PIECE OF LUMBER OVER THE CEE–LOCK PANEL SEAM AND STRIKE IT WITH A MALLET TO LOCK THE PANEL TOGETHER) DO NOT USE EXCESSIVE FORCE OR FOOT PRESSURE DO NOT KICK, STOMP OR DIRECTLY HAMMER TO ENGAGE THE PANEL SIDE LAP. AS THIS WILL SCRATCH OR DENT THE PANEL, DAMAGE THE PANEL RIB / CLIP AND CAUSE DEFORMATION TO THE VINYL WEATHERSEAL.
7. EACH PANEL IS TO BE KEPT TIGHT AGAINST THE LEG OF THE ADJOINING PANEL. NEVER PERMIT A GAP BETWEEN VERTICAL LEGS.
8. 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.
9. COPPER–COTE™ CHAMPAGNE, LEAD–COTE™ AND PREWEATHER GALVALUME® 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 OF THE PIGMENTS IN THE FINISH. METALLIC FINISHES ARE MATCH – LOT FINISHES. DO NOT MIX LOTS.

Q. CEE–LOCK CLIP INSTALLATION:
   1. INSTALL CLIPS AT PER BERRIDGE TYPICAL CEE–LOCK PANEL DETAILS.
   2. CLIP SPACING ON SOLID SHEATHING TYPICALLY 36" ON CENTER.*

R. CONTINUOUS CEE–RIB:
   1. INSTALL CEE–RIB AS PER BERRIDGE TYPICAL CEE–LOCK PANEL DETAILS.
   2. THE CEE–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 CL–4.

S. FASTENERS: INSTALL FASTENERS AS PER TYPICAL DETAILS. USE #10 HEX HEAD ZINC PLATED FASTENERS WHEN FASTENING TO WOOD. OR METAL**
   WHEN USING POP RIVETS ON FLASHING,
   STAINLESS STEEL RIVETS ARE RECOMMENDED TO AVOID RUST STAINS.
   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.

*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 CLIP SPACING OR FASTENER.

**CONSULT BERRIDGE MANUFACTURING'S ENGINEERING DEPARTMENT REGARDING FASTENER SPACING TO MEET DESIGN CRITERIA, AND THE USE OF ANY OTHER TYPE OF FASTENER.

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T. UNDERWRITERS LABORATORIES RATINGS: THE BERRIDGE CEE-LOCK STANDING SEAM ROOF PANEL COMPLIES WITH THE FOLLOWING UL RATINGS:

1. NO. 580 "TEST FOR WIND UPLIFT RESISTANCE OF ROOF ASSEMBLIES" CLASS UL 90 CONSTRUCTION NUMBERS 381, AND 404. (REFER TO BERRIDGE TYPICAL DETAILS CL-93 THROUGH CL-96)

2. UL FIRE RESISTANT ROOF ASSEMBLIES: UL DESIGN NUMBERS P-224, 225, 227, 230, 237, 508, 510, 512, 701, 711, 713, 715, 717, 803, 814, 815, 819, AND 821 (REFER TO BERRIDGE TYPICAL DETAILS C-96 THROUGH C-98).

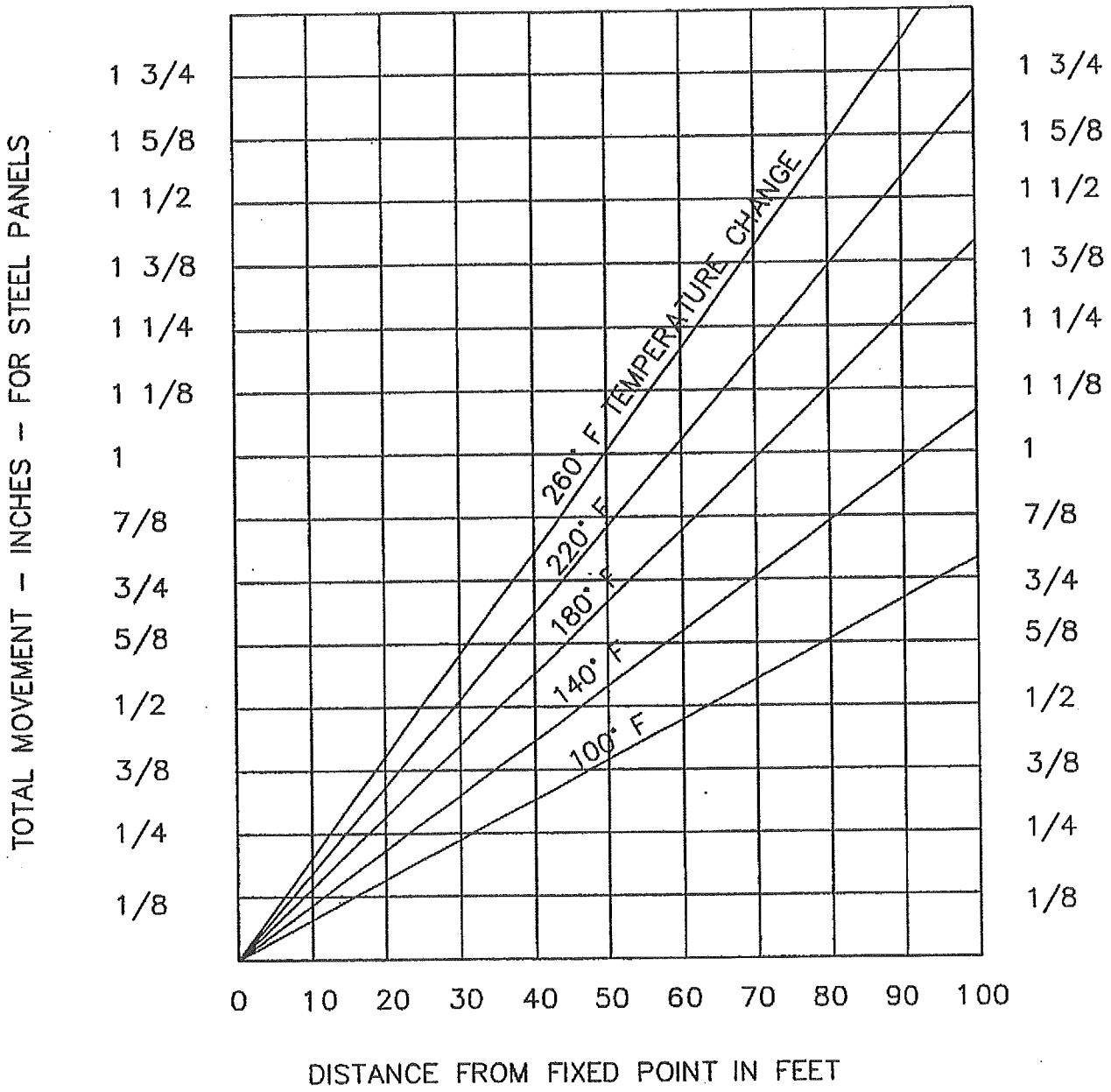
U. SEALANT RECOMMENDATIONS: TREMCO, INC. SPECTREM 1 SILICONE SEALANT. DO NOT USE CLEAR CAULK.

BERRIDGE MANUFACTURING COMPANY STRIVES TO PROVIDE ITS CUSTOMERS WITH THE HIGHEST QUALITY STRETCHER LEVELED 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. FURTHERMORE, BERRIDGE UTILIZES HEAVIER 24 GAUGE METAL RATHER THAN 26 GAUGE STEEL OR LIGHT GAUGE ALUMINUM AS OFFERED BY MANY COMPETITORS. 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 FELT 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 CEE-LOCK STANDING SEAM ROOF PANEL SYSTEM.

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



EXPANSION AND CONTRACTION OF METAL PANELS OVER 30 FEET IN LENGTH, DUE TO LONGITUDINAL THERMAL MOVEMENT, MUST BE CONSIDERED IN BOTH DESIGN AND INSTALLATION. THE ABOVE CHART EMPHASIZED THE NEED TO PROVIDE AMPLE CLEARANCES FOR GUTTERS, RIDGES, ENDWALLS, ETC.

MAXIMUM TEMPERATURE SHOULD BE NO LOWER THAN 140° F FOR WHITE PANELS, UP TO 180° F 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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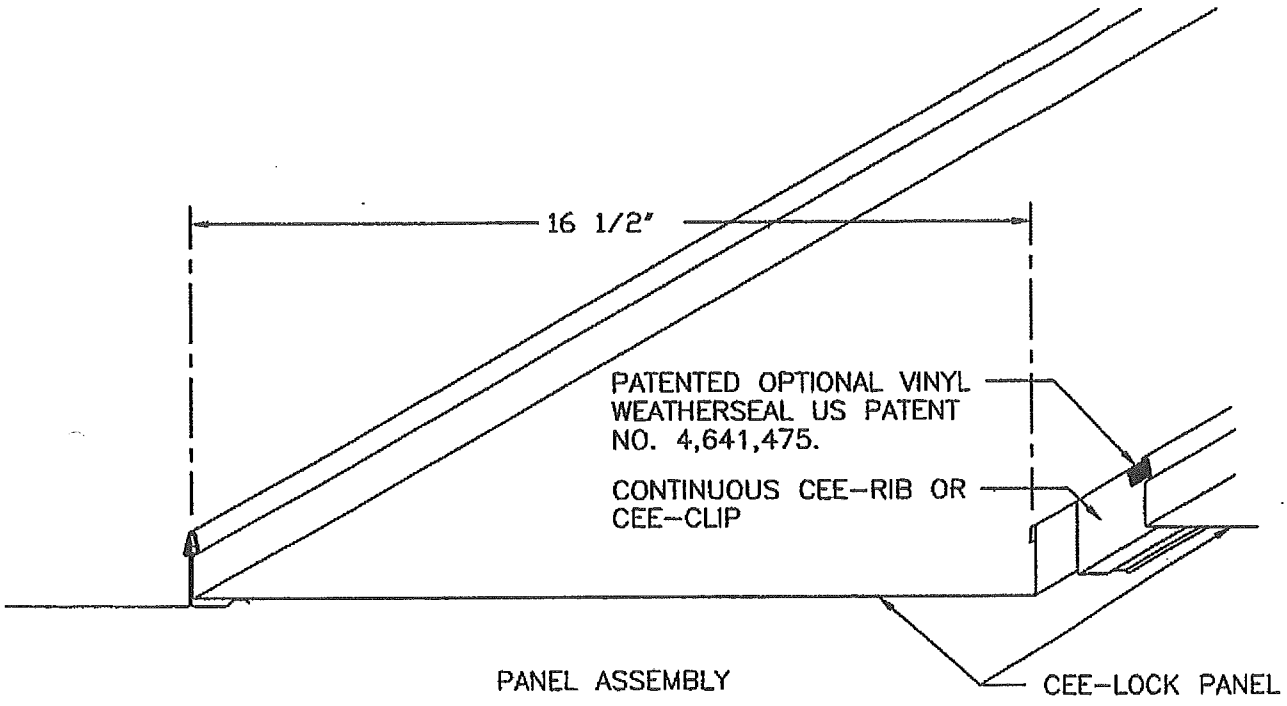
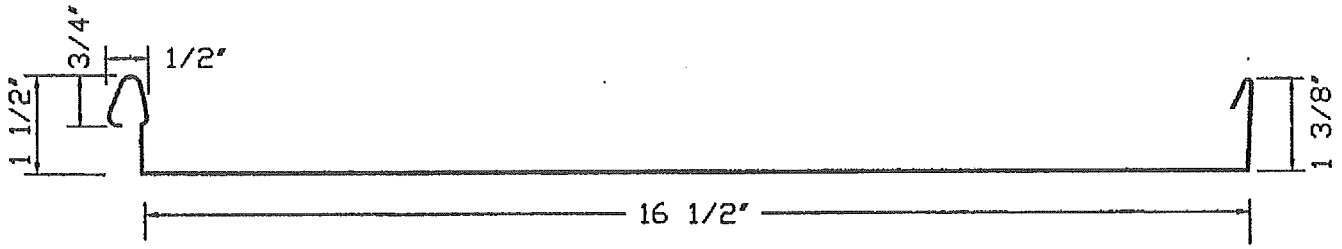
THE DETAILS CONTAINED IN THE FOLLOWING PAGES ARE MERELY RECOMMENDATIONS AS TO HOW BERRIDGE MANUFACTURING MATERIALS SHOULD BE INSTALLED. THEY MAY REQUIRE ADAPTATIONS OR MODIFICATIONS FOR A SPECIFIC PROJECT AS CONDITIONS VARY IN BOTH BUILDING DESIGN AND LOCAL WEATHER PECULIARITIES.

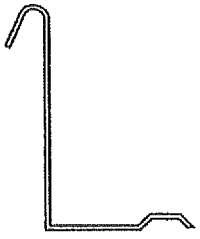
BERRIDGE MANUFACTURING COMPANY SHALL BE HELD HARMLESS FROM ANY AND ALL CLAIMS ARISING FROM LACK OF WATERTIGHTNESS AS A RESULT OF FOLLOWING THESE RECOMMENDED DETAILS. ENSURING WATERTIGHTNESS ON ANY GIVEN PROJECT IS THE FUNCTION OF THE INSTALLER. THE ARCHITECT/GENERAL CONTRACTOR/INSTALLER MUST ACCEPT THE 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.

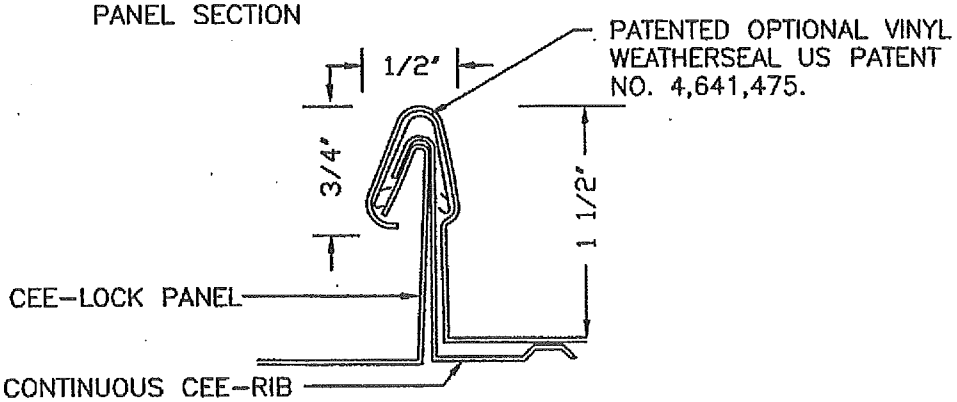




PANEL SECTION



CONTINUOUS CEE-RIB OR CEE-CLIP SECTION



SEAM SECTION

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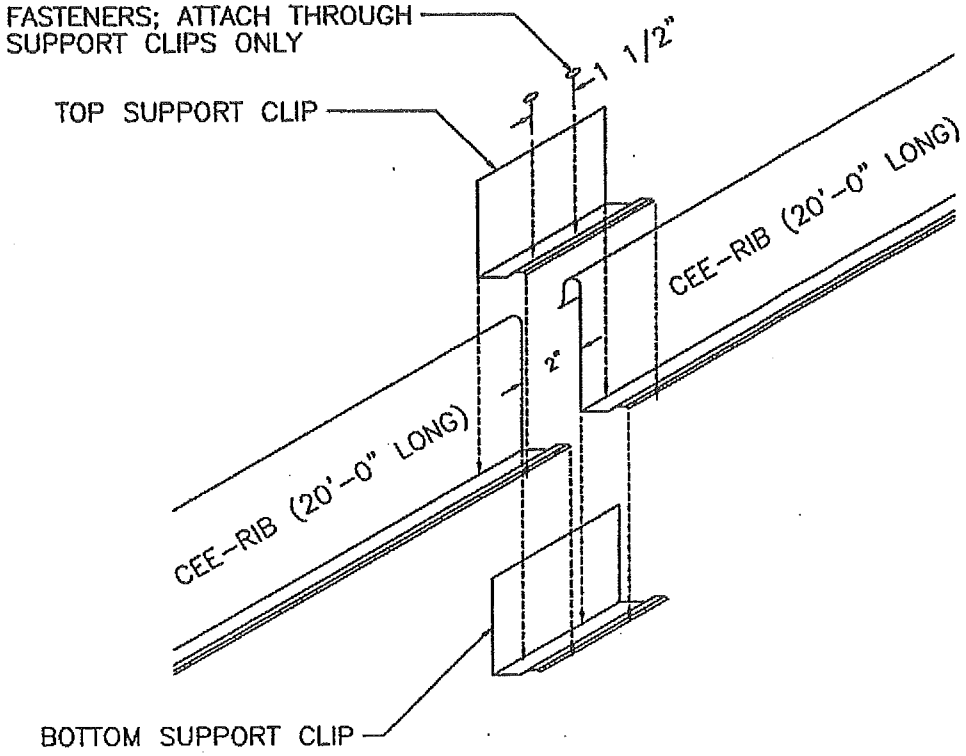
PANEL OVERVIEW

CEE-LOCK PANEL

Berridge Manufacturing Company

Roofs of Distinction



SET BOTTOM SUPPORT CLIP ON
TOP OF SOLID SHEATHING, RIGID INSULATION,
OR HIGH RIBS OF METAL DECK

NOT TO SCALE

Berridge Manufacturing Company
Roofs of Distinction

CEE-RIB
EXPANSION JOINT

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CEE-LOCK PANEL

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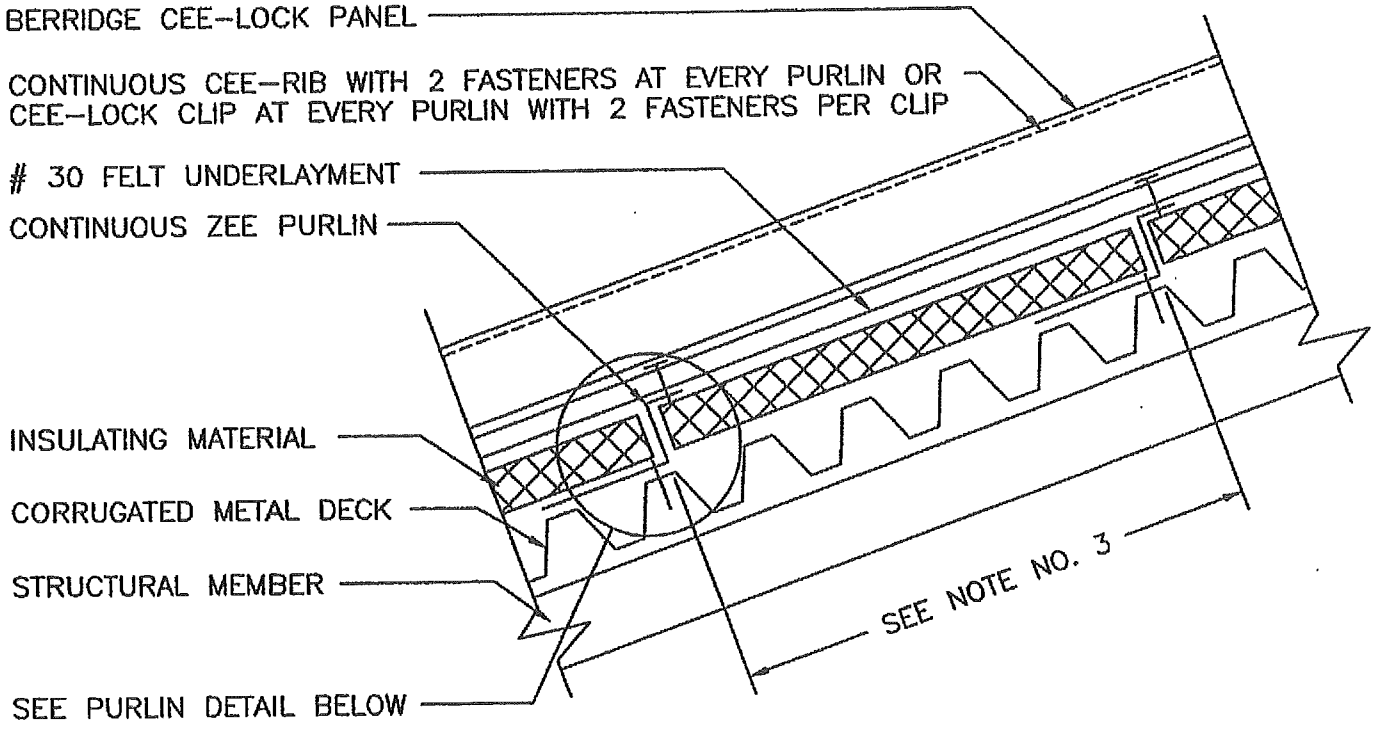
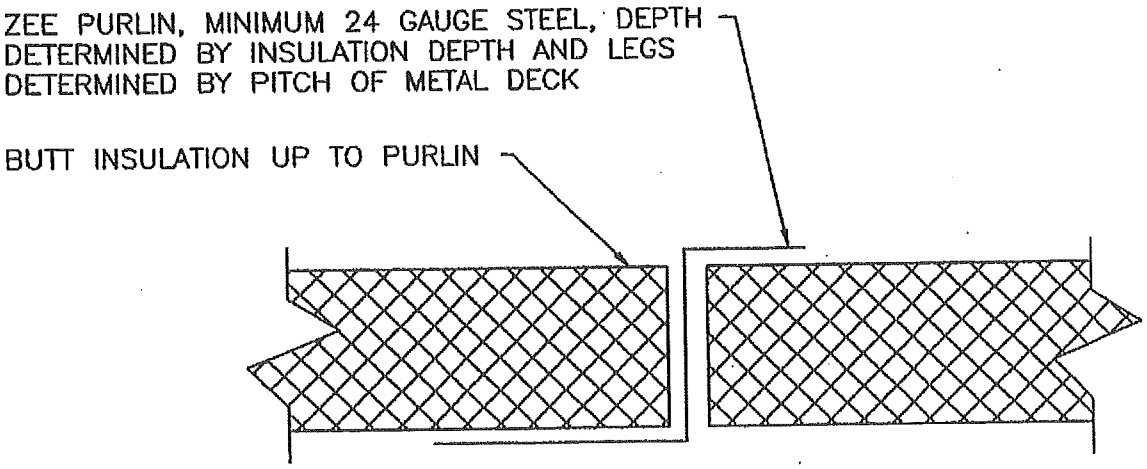


1. ALL FELT UNDERLAYMENT, STRUCTURAL MEMBERS, CORRUGATED DECK, AND INSULATING MATERIAL, ARE ITEMS TO BE FURNISHED AND INSTALLED BY OTHERS AT THE DISCRETION OF THE ARCHITECT.
2. CONTINUOUS WOOD BLOCKING (BY OTHERS) MAY BE USED IN LIEU OF ZEE PURLINS. BLOCKING MUST BE SAME DEPTH AS INSULATION.
3. PURLIN SPACING AND FASTENER TYPE WILL BE DEPENDENT ON GOVERNING CODE AND SPECIFICATION REQUIREMENTS.



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INSULATED DECK DETAIL

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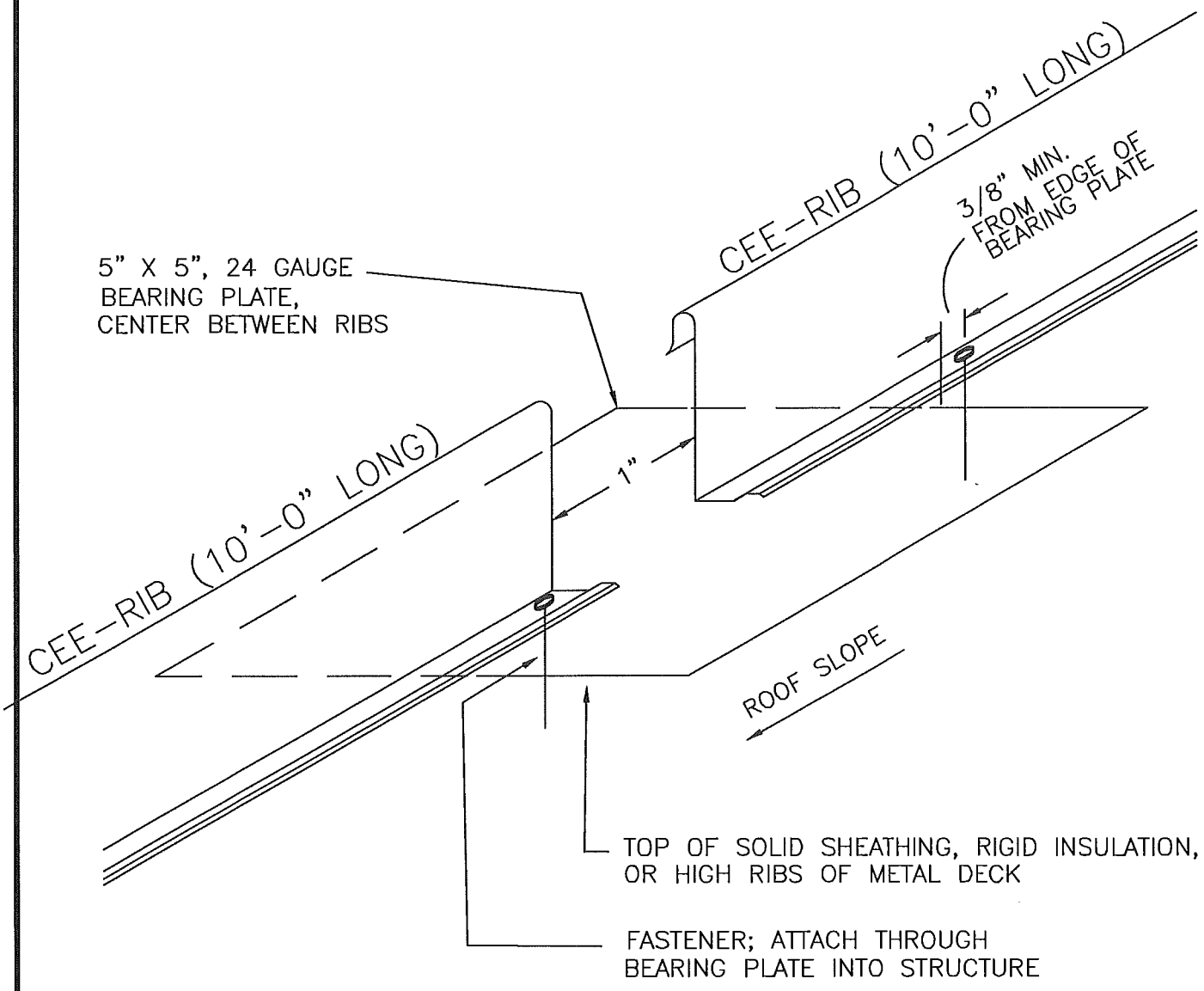
Berridge Manufacturing Company
Roofs of Distinction



1. ONLY FOR USE WITH 10'-0" CEE RIB, SEE ALTERNATE DETAIL CL-4 FOR CEE RIB LONGER THAN 10 FEET.

2. VINYL WEATHERSEAL REQUIRED FOR USE ON PROJECTS REQUIRING A WATERTIGHTNESS WARRANTY.

3. CONSULT BERRIDGE MANUFACTURING FOR FASTENER SPACING.

NOT TO SCALE

Berridge Manufacturing Company
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10'-0" CEE-RIB SPLICE BEARING PLATE DETAIL

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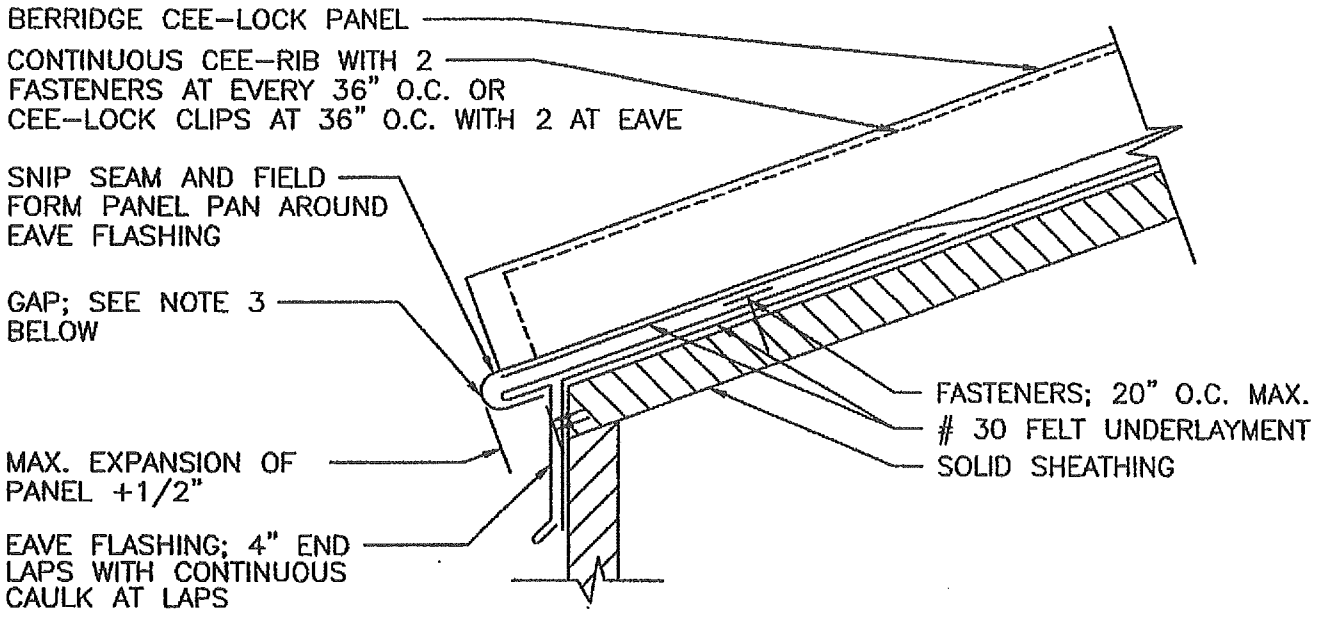
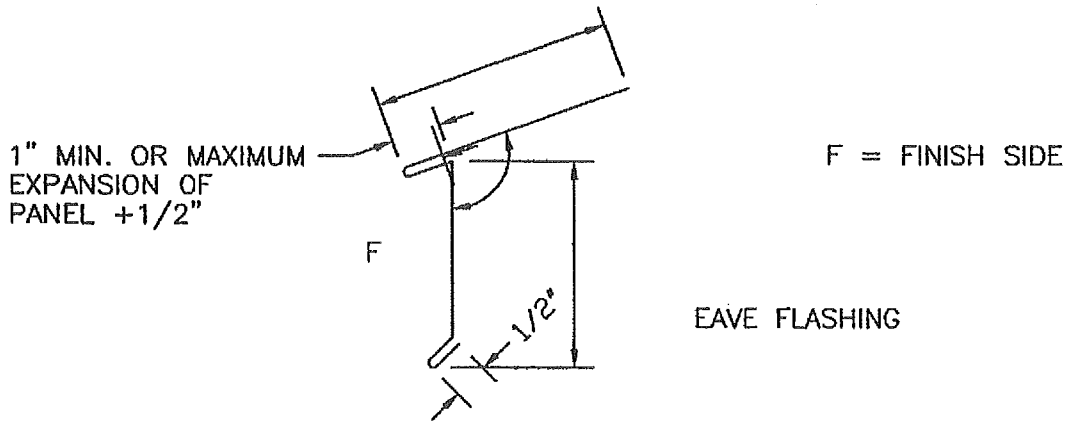


1. THIS DETAIL IS RECOMMENDED FOR AREAS WITH HEAVY SNOW LOADS OR WHERE EXPANSION AND CONTRACTION OF PANELS IS A DESIGN FACTOR.
2. THE GAP BETWEEN EAVE FLASHING AND PANEL (SEE DETAIL ABOVE) CAN BE INCREASED TO ALLOW FOR LINEAR EXPANSION AND CONTRACTION OF PANELS. NOTE 1/2" OF PANEL PAN MUST BE ENGAGED WITH EAVE FLASHING WHEN PANEL HAS EXPANDED TO ITS MAXIMUM LENGTH. REFER TO LINEAR EXPANSION CHART, PAGE CI-7.
3. GAP BETWEEN EAVE FLASHING AND PANEL MUST BE ADJUSTED TO SUIT TEMPERATURE DURING INSTALLATION.
4. SEE ALSO EXPANSION JOINT DETAIL CL-4.
5. SOLID SHEATHING (BY OTHERS) TO BE 1/2" PLYWOOD OR EQUIVALENT IN STRENGTH FOR HOLDING POWER OF FASTENERS.
6. ALL FELT UNDERLAYMENT, CAULKING, AND FASTENERS, ARE ITEMS TO BE FURNISHED AND INSTALLED BY THE ROOFING INSTALLER AT THE DISCRETION OF THE ARCHITECT.



Berridge Manufacturing Company
Roofs of Distinction

EAVE DETAIL PANEL TURNDOWN

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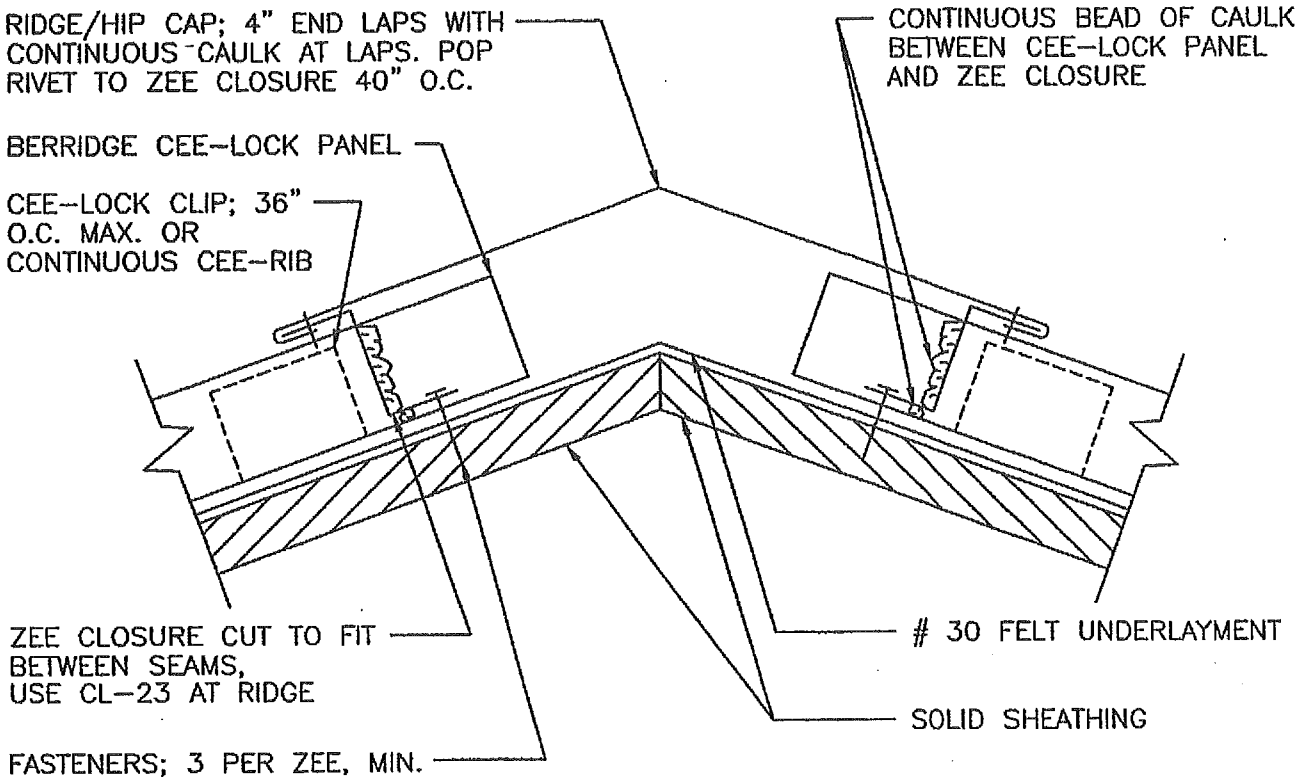
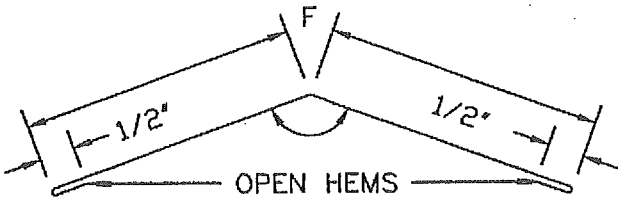
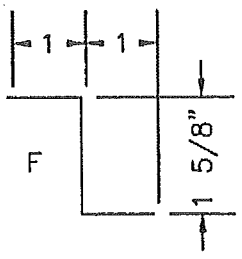


1. FIELD CUT ZEE CLOSURE TO FIT BETWEEN PANEL SEAMS AT HIPS AT RIDGE USE DETAIL CL-23.
2. SOLID SHEATHING (BY OTHERS) TO BE MINIMUM 1/2" PLYWOOD OR EQUIVALENT IN STRENGTH FOR HOLDING POWER OF FASTENERS.
3. ALL FELT UNDERLAYMENT, CAULKING, AND FASTENERS, ARE ITEMS TO BE FURNISHED AND INSTALLED BY THE ROOFING INSTALLER AT THE DISCRETION OF THE ARCHITECT.

F = FINISH SIDE



RIDGE/HIP CAP



ZEE CLOSURE

Berridge Manufacturing Company
Roofs of Distinction

RIDGE/HIP DETAIL

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CEE-LOCK PANEL

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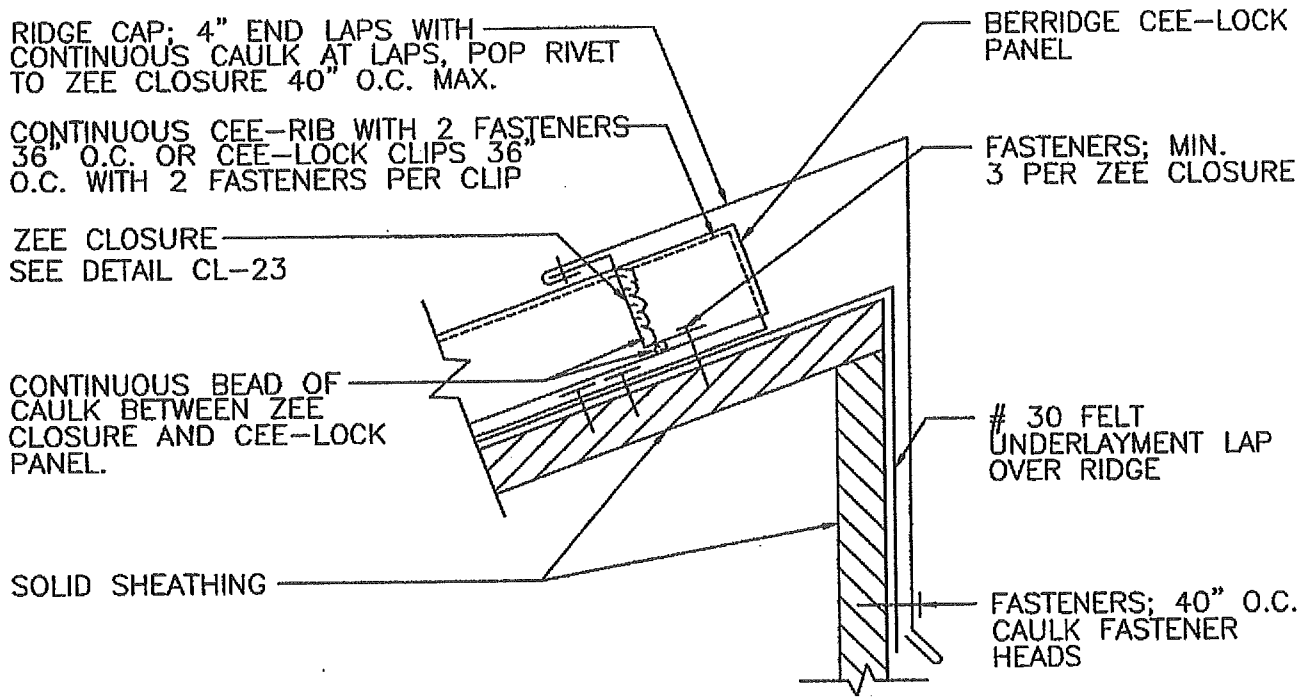
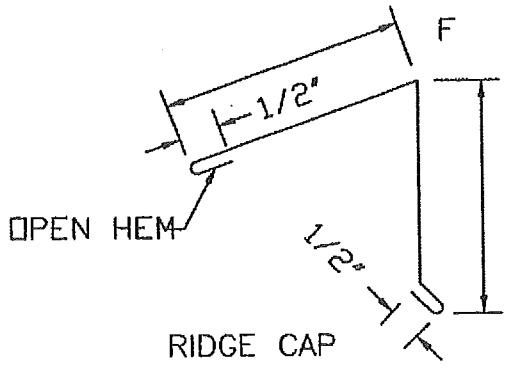


1. SEE DETAIL CL-23 FOR ZEE CLOSURE AT RIDGE.
2. SOLID SHEATHING (BY OTHERS) TO BE MINIMUM 1/2" PLYWOOD OR EQUIVALENT IN STRENGTH FOR HOLDING POWER OF FASTENERS.
3. ALL FELT UNDERLAYMENT, CAULKING, AND FASTENERS, ARE ITEMS TO BE FURNISHED AND INSTALLED BY THE ROOFING INSTALLER AT THE DISCRETION OF THE ARCHITECT.



F = FINISH SIDE

DATE: 08-22-05

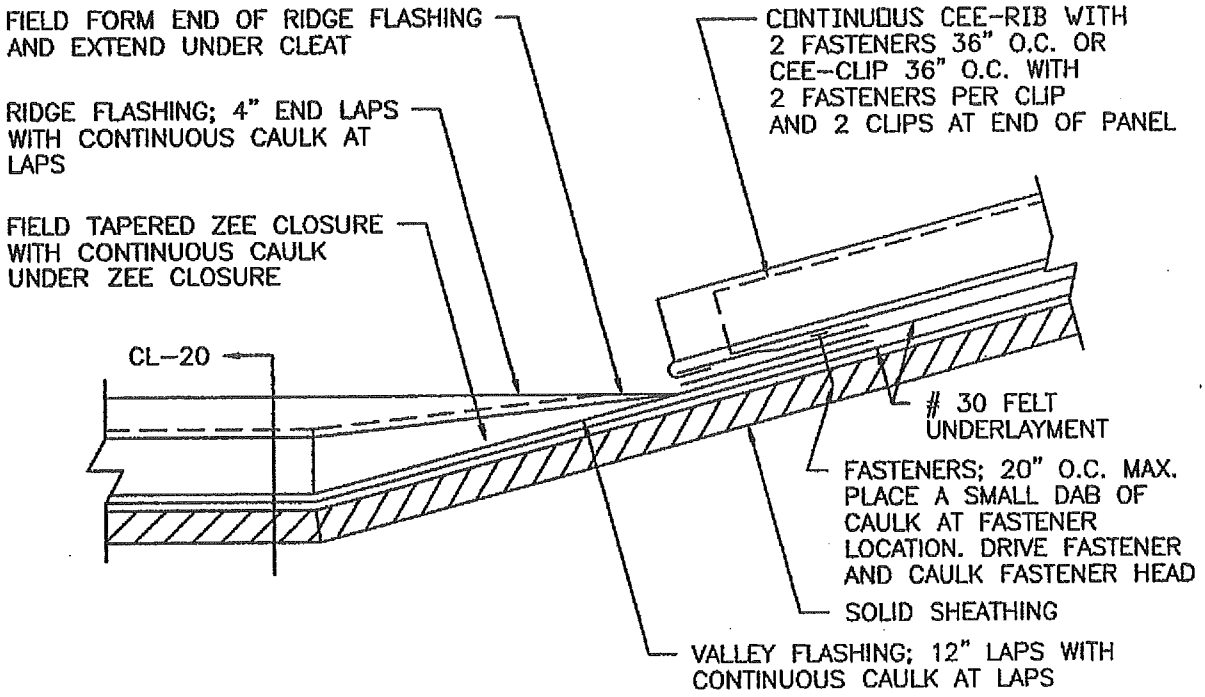
PAGE\FILE
CL-21

SHED ROOF RIDGE CAP

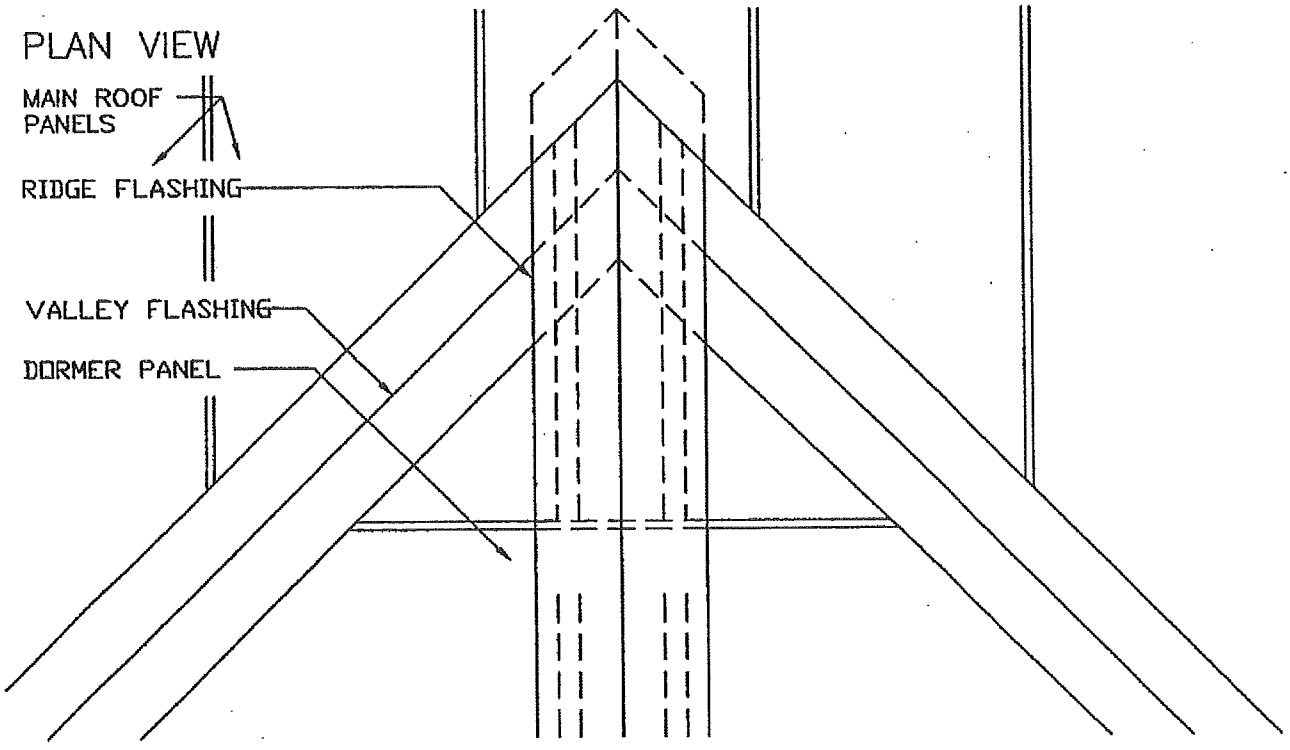
CEE-LOCK PANEL

Berridge Manufacturing Company
Roofs of Distinction

SECTION VIEW



PLAN VIEW



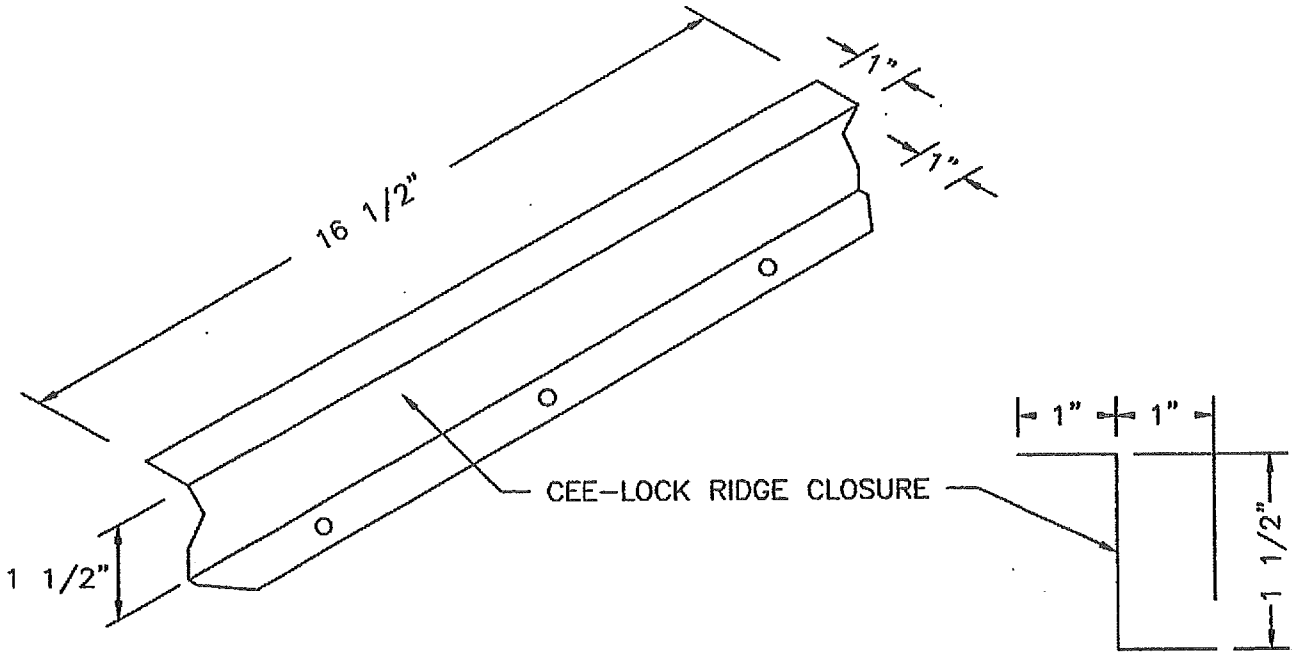
Berridge Manufacturing Company
Roofs of Distinction

RIDGE TERMINATION AT DORMER VALLEY

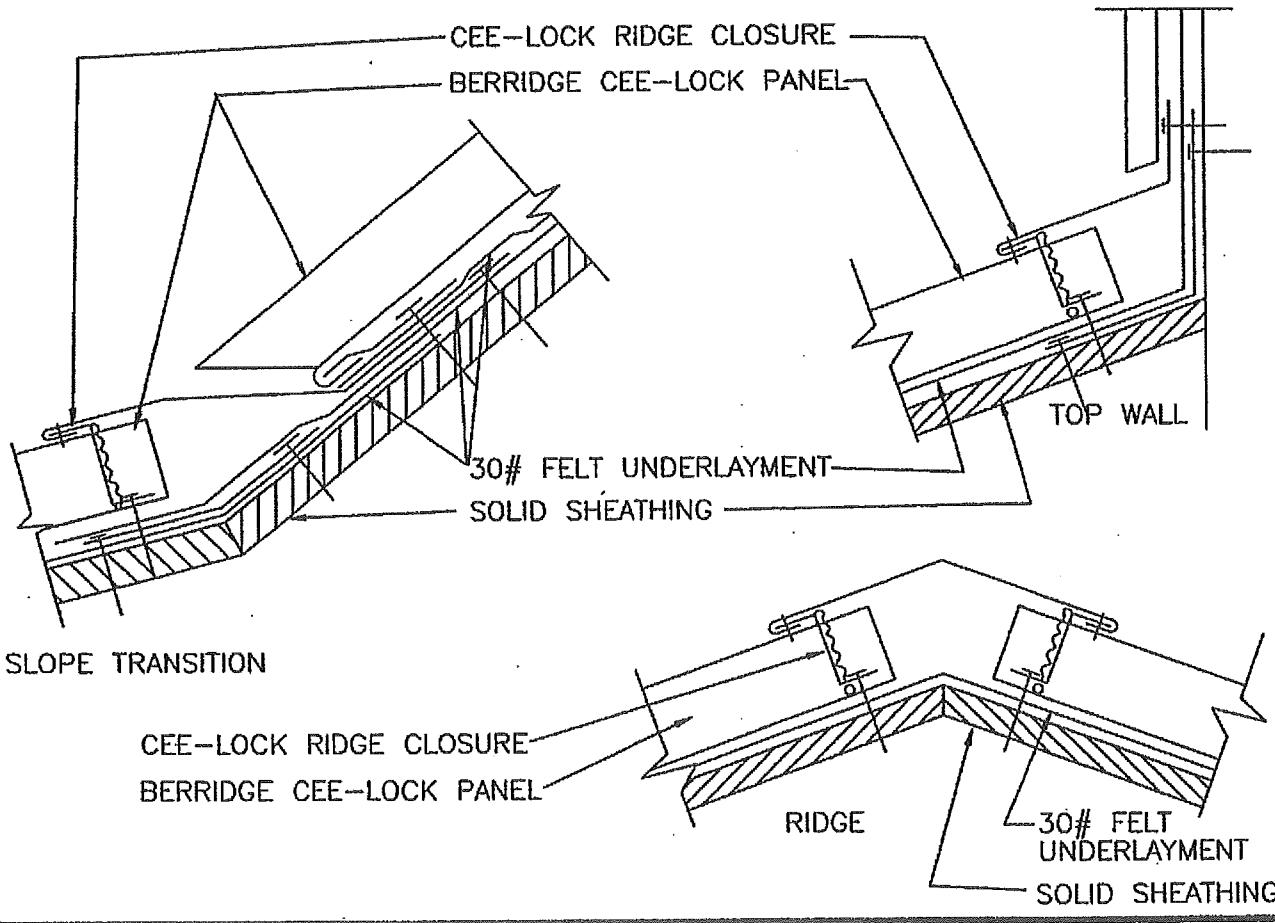
DATE: 08-22-05

CEE-LOCK PANEL

PAGE\FILE
CL-22



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



DATE: 08-22-05

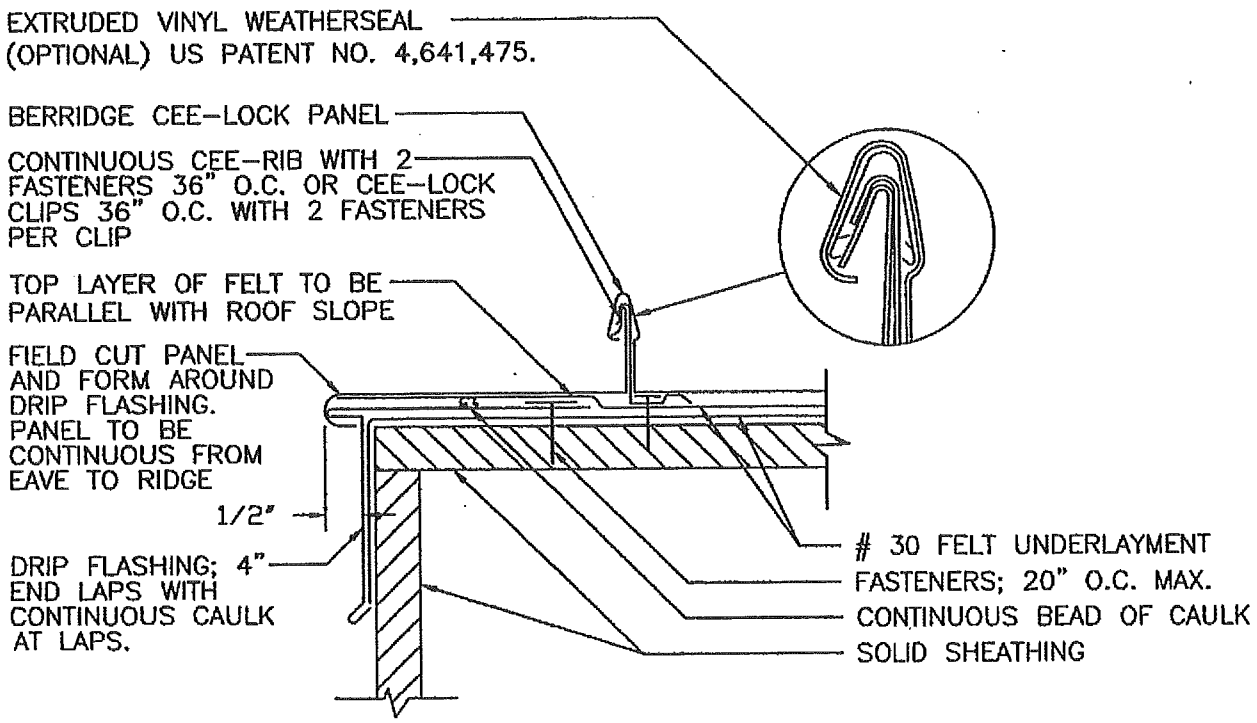
PAGE\FILE
CL-23

CEE-LOCK RIDGE CLOSURE

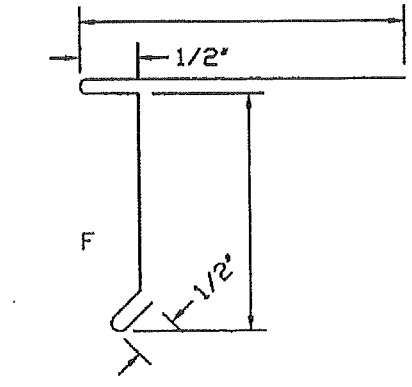
CEE-LOCK PANEL

Berridge Manufacturing Company

Roofs of Distinction



1. FIELD CUT AND FORM LAST PANEL AROUND DRIP FLASHING. PANEL MUST BE CONTINUOUS FROM RIDGE TO EAVE.
2. SOLID SHEATHING (BY OTHERS) TO BE MINIMUM 1/2" PLYWOOD OR EQUIVALENT IN STRENGTH FOR HOLDING POWER OF FASTENERS.
3. ALL FELT UNDERLAYMENT, CAULKING, AND FASTENERS, ARE ITEMS TO BE FURNISHED AND INSTALLED BY THE ROOFING INSTALLER AT THE DISCRETION OF THE ARCHITECT.



F = FINISH SIDE

DRIP FLASHING

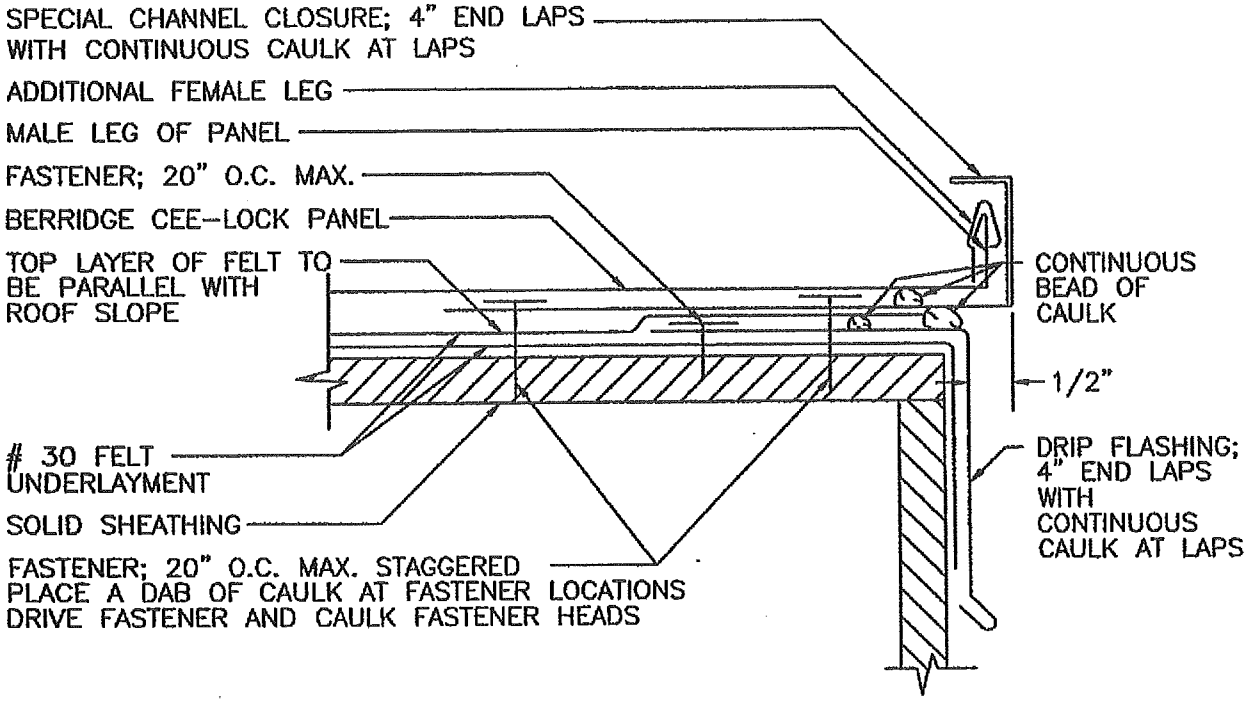
Berridge Manufacturing Company
Roofs of Distinction

GABLE DETAIL
PANEL TURNDOWN

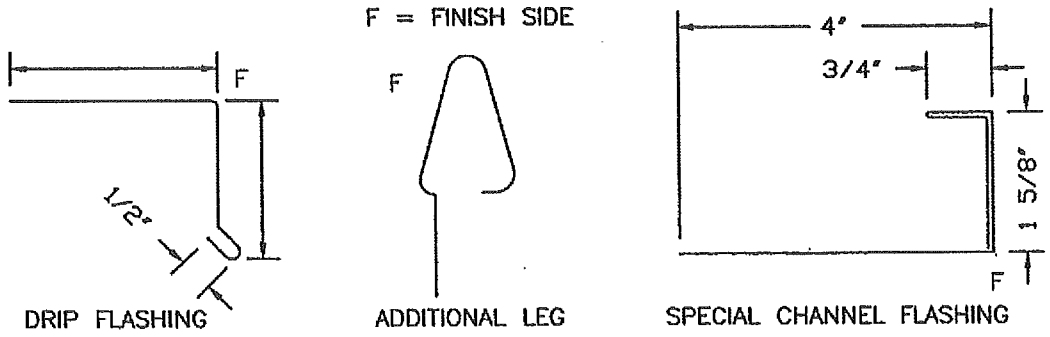
DATE: 08-22-05

CEE-LOCK PANEL

PAGE\FILE
CL-30



1. SNAP ADDITIONAL FEMALE LEG ON TO MALE LEG OF PANEL. SLIP PANEL INTO SPECIAL CLOSURE THEN SNAP LOCK PANEL TO ADJACENT PANEL.
2. SOLID SHEATHING (BY OTHERS) TO BE MINIMUM 1/2" PLYWOOD OR EQUIVALENT IN STRENGTH FOR HOLDING POWER OF FASTENERS.
3. ALL FELT UNDERLAYMENT, CAULKING, AND FASTENERS, ARE ITEMS TO BE FURNISHED AND INSTALLED BY THE ROOFING INSTALLER AT THE DISCRETION OF THE ARCHITECT.



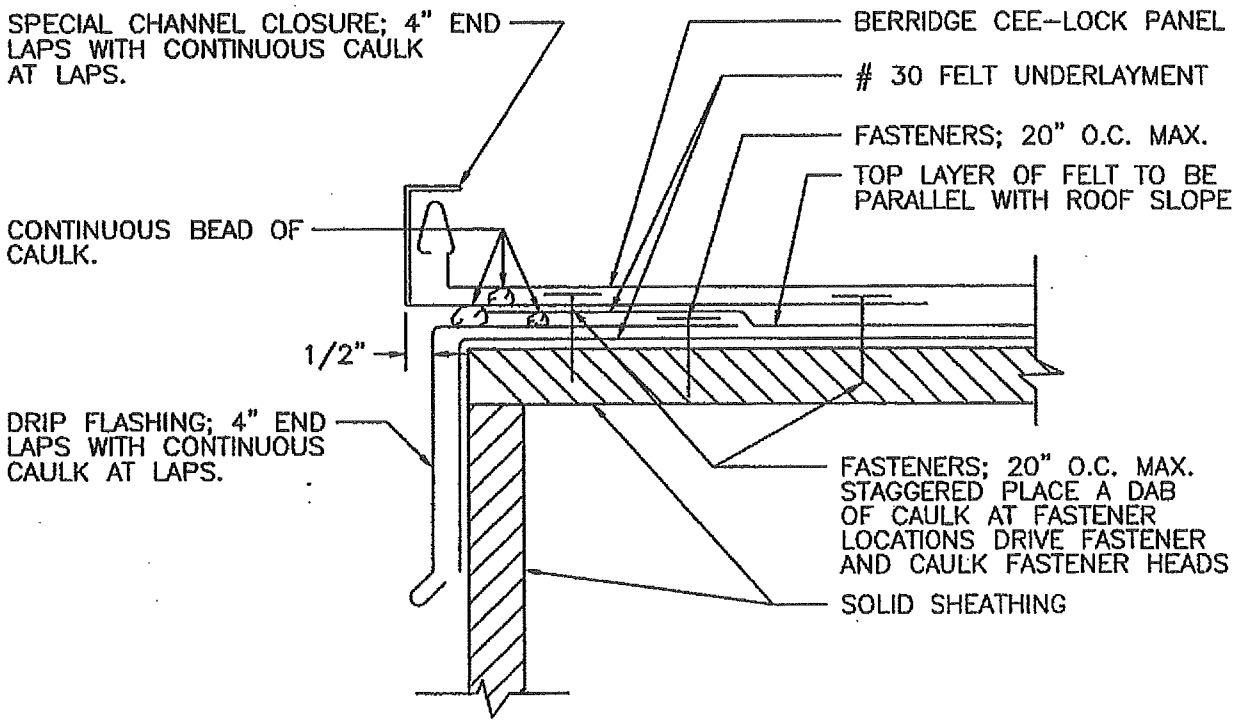
DATE: 08-22-05

PAGE\FILE
CL-31

GABLE DETAIL
CHANNEL CLOSURE
ADDITIONAL LEG

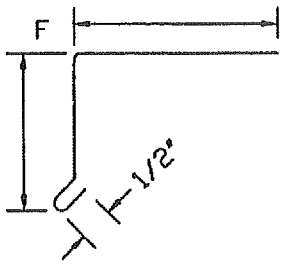
CEE-LOCK PANEL

Berridge Manufacturing Company
Roofs of Distinction

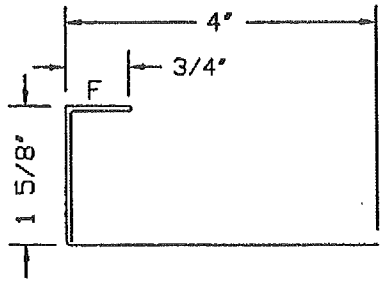


1. SOLID SHEATHING (BY OTHERS) TO BE MINIMUM 1/2" PLYWOOD OR EQUIVALENT IN STRENGTH FOR HOLDING POWER OF FASTENERS.
2. ALL FELT UNDERLAYMENT, CAULKING, AND FASTENERS, ARE ITEMS TO BE FURNISHED AND INSTALLED BY THE ROOFING INSTALLER AT THE DISCRETION OF THE ARCHITECT.

F = FINISH SIDE



DRIP FLASHING



SPECIAL CHANNEL CLOSURE

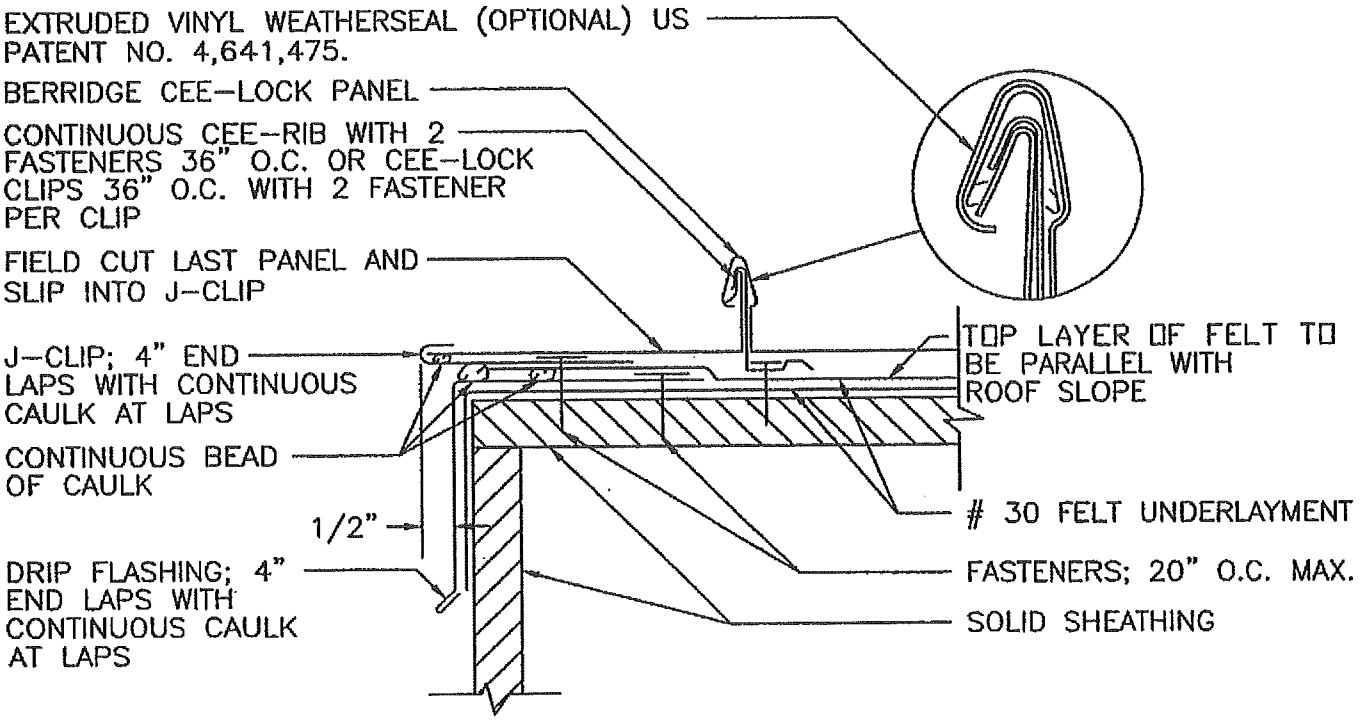
Berridge Manufacturing Company
Roofs of Distinction

GABLE DETAIL
CHANNEL CLOSURE

DATE: 08-22-05

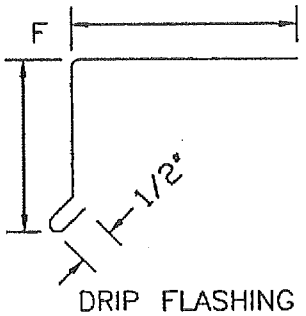
CEE-LOCK PANEL

PAGE\FILE
CL-32



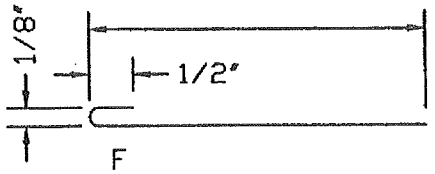
NOTE: PLACE A SMALL AMOUNT OF CAULK AT J-CLIP FASTENER LOCATION. DRIVE FASTENER THROUGH CAULK, THEN CAULK FASTENER HEAD.

1. FIELD CUT LAST PANEL AND SLIP INTO J-CLIP. PANEL TO BE CONTINUOUS RIDGE TO EAVE.
2. SOLID SHEATHING (BY OTHERS) TO BE MINIMUM 1/2" PLYWOOD OR EQUIVALENT IN STRENGTH FOR HOLDING POWER OF FASTENERS.
3. ALL FELT UNDERLAYMENT, CAULKING, AND FASTENERS ARE ITEMS TO BE FURNISHED AND INSTALLED BY THE ROOFING INSTALLER AT THE DISCRETION OF THE ARCHITECT.



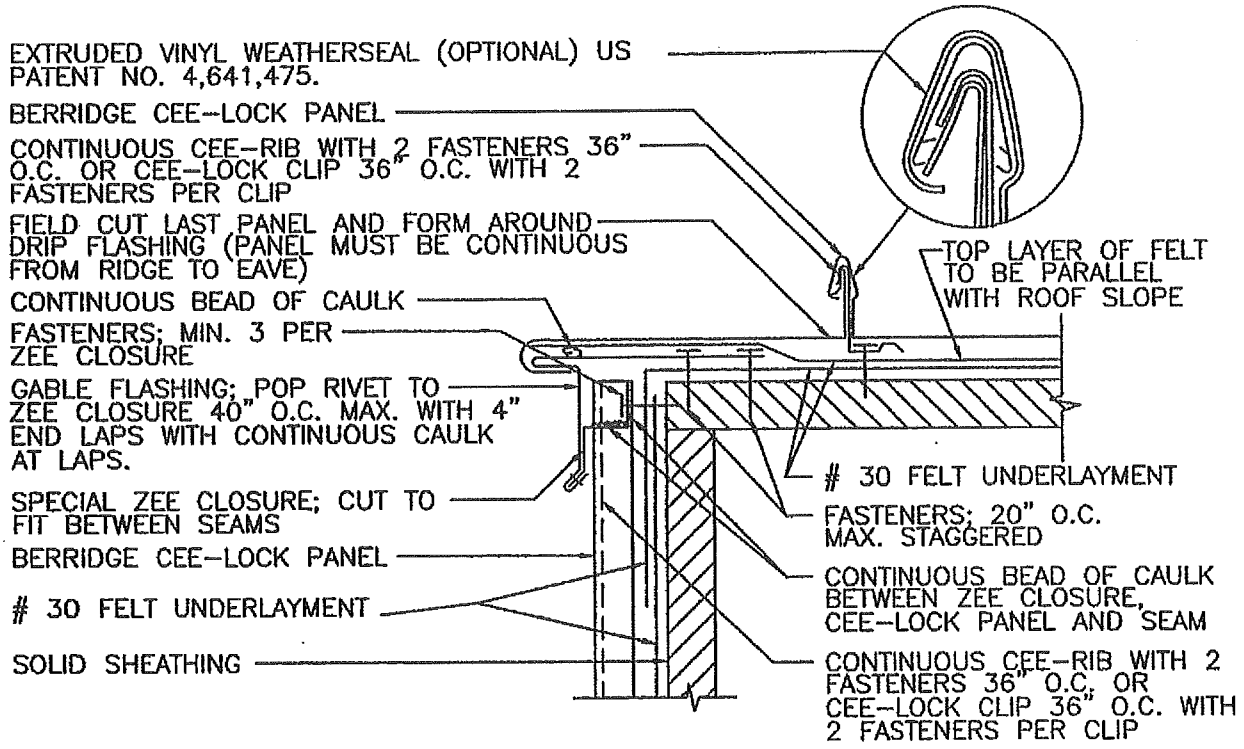
DRIP FLASHING

F = FINISH SIDE

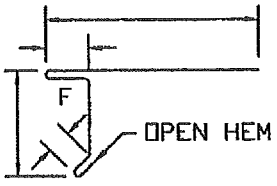


J-CLIP

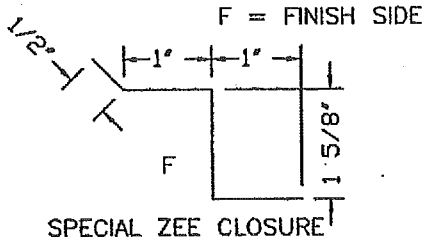
DATE: 08-22-05	GABLE DETAIL J-CLIP	Berridge Manufacturing Company Roofs of Distinction
PAGE\FILE CL-33	CEE-LOCK PANEL	



1. FIELD CUT AND FORM LAST PANEL AROUND GABLE FLASHING. PANEL MUST BE CONTINUOUS RIDGE TO EAVE.
2. SOLID SHEATHING (BY OTHERS) TO BE MINIMUM 1/2" PLYWOOD OR EQUIVALENT IN STRENGTH FOR HOLDING POWER OF FASTENERS.
3. ALL FELT UNDERLAYMENT, CAULKING, AND FASTENERS, ARE ITEMS TO BE FURNISHED AND INSTALLED BY THE ROOFING INSTALLER AT THE DISCRETION OF THE ARCHITECT.



GABLE FLASHING



SPECIAL ZEE CLOSURE

Berridge Manufacturing Company

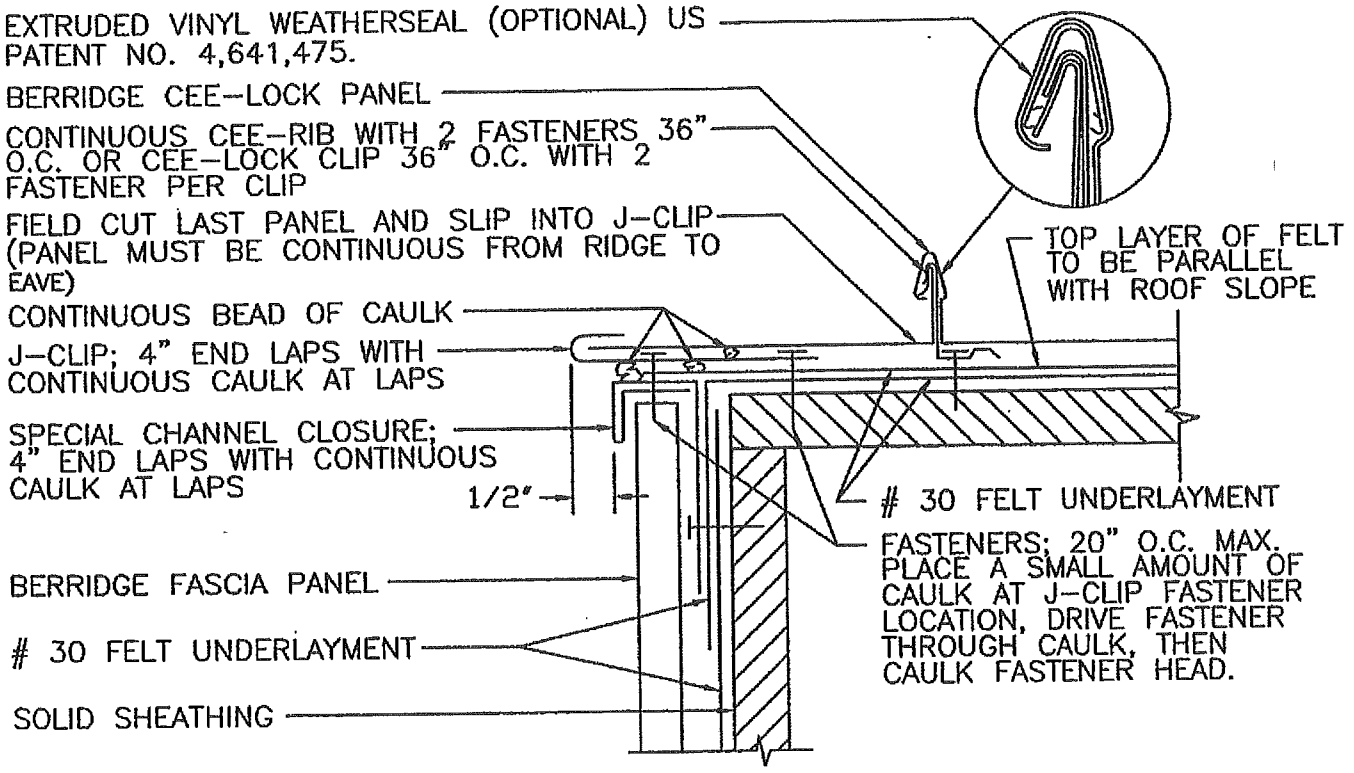
Roofs of Distinction

GABLE DETAIL

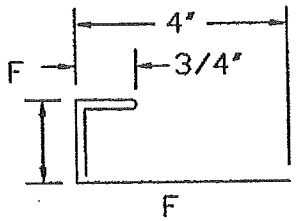
DATE: 08-22-05

CEE-LOCK PANEL

PAGE\FILE CL-34

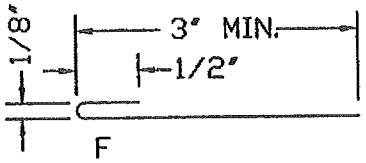


1. FIELD CUT LAST PANEL AND SLIP INTO J-CLIP. PANEL MUST BE CONTINUOUS RIDGE TO EAVE.
2. SOLID SHEATHING (BY OTHERS) TO BE MINIMUM 1/2" PLYWOOD OR EQUIVALENT IN STRENGTH FOR HOLDING POWER OF FASTENERS.
3. ALL FELT UNDERLAYMENT, CAULKING, AND FASTENERS, ARE ITEMS TO BE FURNISHED AND INSTALLED BY THE ROOFING INSTALLER AT THE DISCRETION OF THE ARCHITECT.



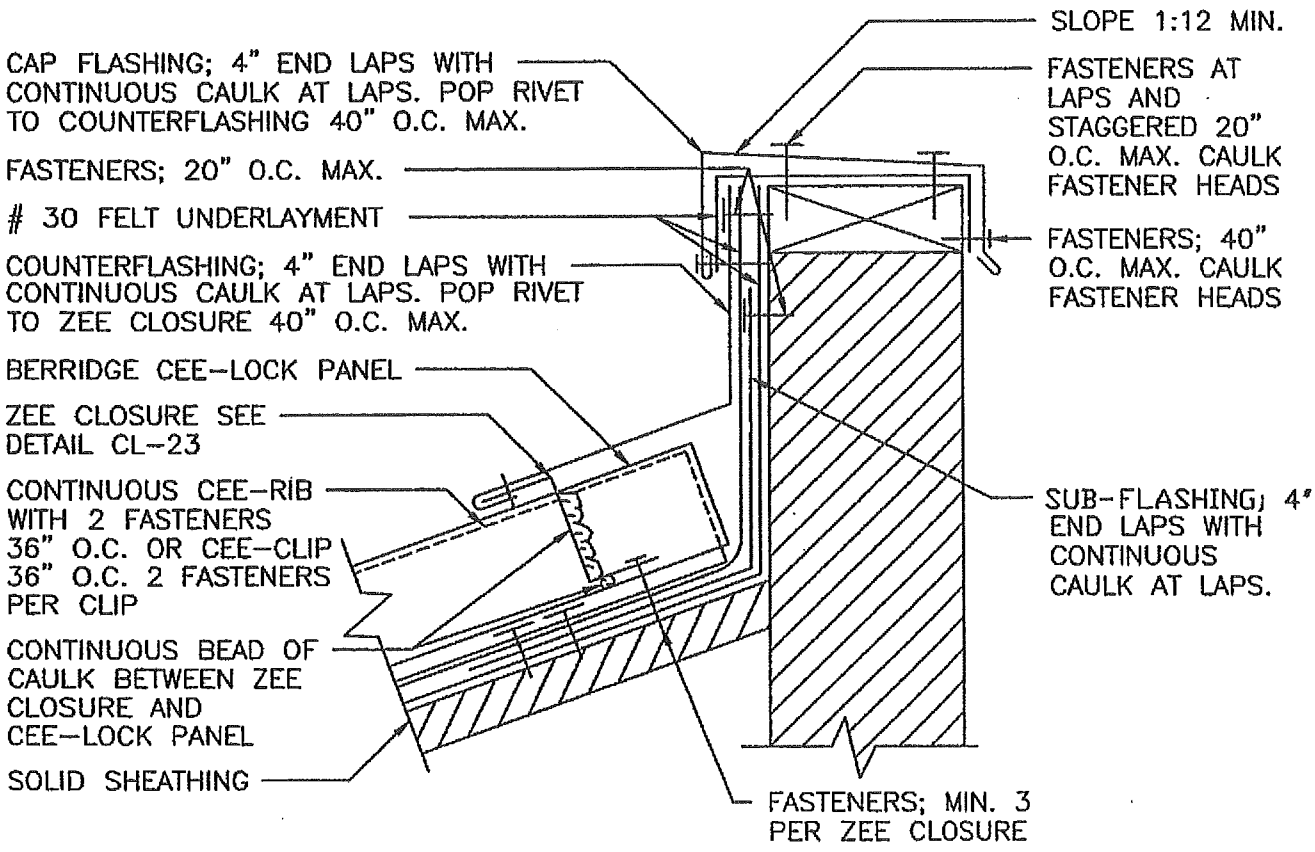
SPECIAL CHANNEL CLOSURE

F = FINISH SIDE

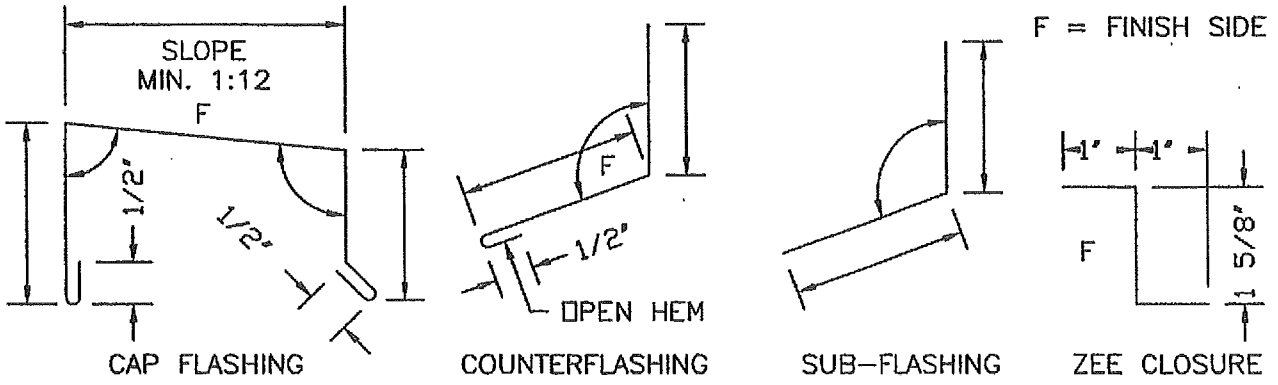


J-CLIP

DATE: 08-22-05	GABLE DETAIL	Berridge Manufacturing Company Roofs of Distinction
PAGE\FILE CL-35	CEE-LOCK PANEL	



1. FIELD CUT ZEE CLOSURE TO FIT BETWEEN PANEL SEAMS IF PANELS ARE NOT PERPENDICULAR TO WALL.
2. SOLID SHEATHING (BY OTHERS) TO BE MINIMUM 1/2" PLYWOOD OR EQUIVALENT IN STRENGTH FOR HOLDING POWER OF FASTENERS.
3. ALL FELT UNDERLAYMENT, CAULKING, AND FASTENERS, ARE ITEMS TO BE FURNISHED AND INSTALLED BY THE ROOFING INSTALLER AT THE DISCRETION OF THE ARCHITECT.



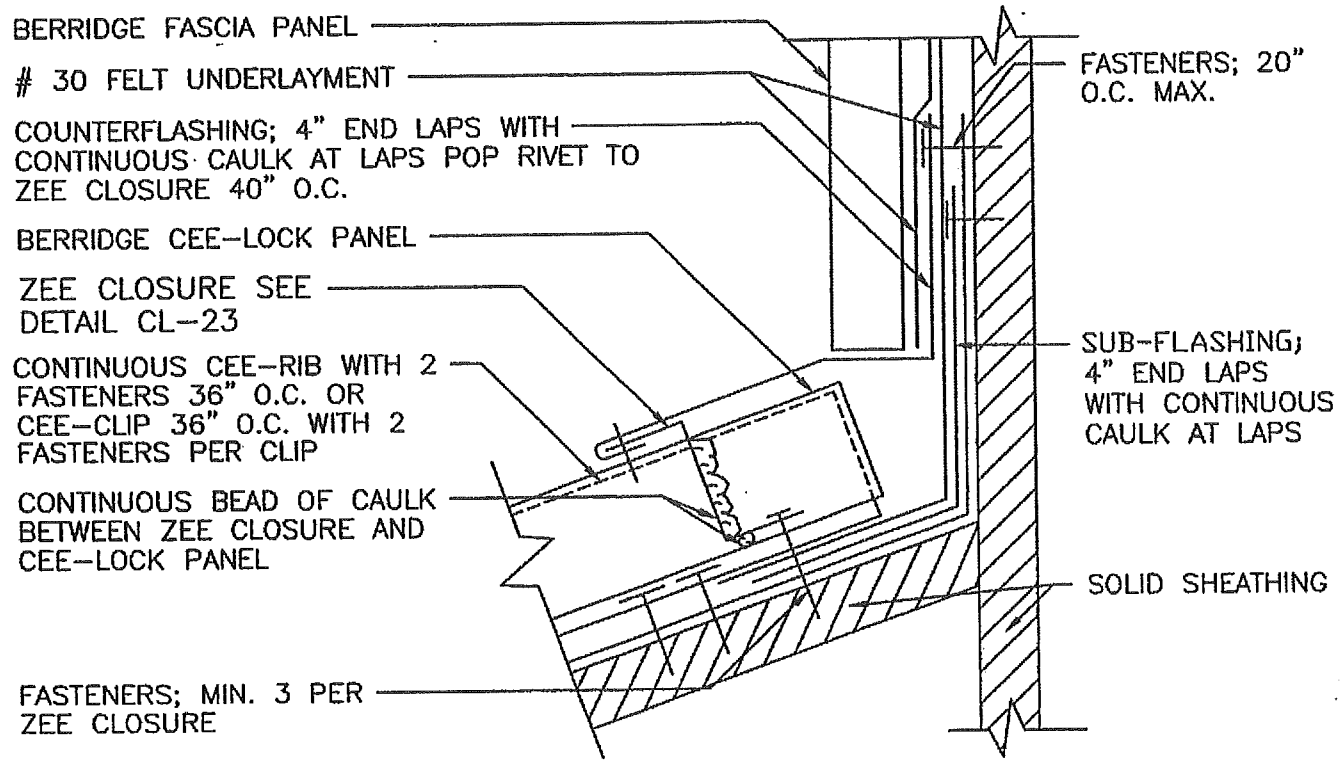
Berridge Manufacturing Company
Roofs of Distinction

PARAPET DETAIL

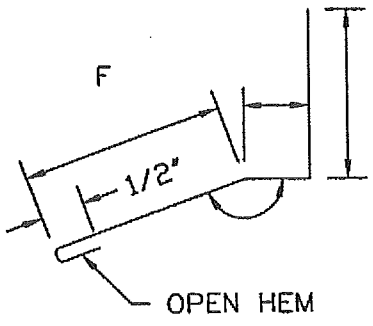
CEE-LOCK PANEL

DATE: 08-22-05

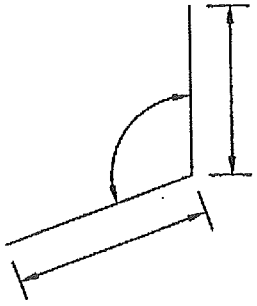
PAGE\FILE
CL-40



1. FIELD CUT ZEE CLOSURE TO FIT BETWEEN PANEL SEAMS IF PANELS ARE NOT PERPENDICULAR TO WALL.
2. SOLID SHEATHING (BY OTHERS) TO BE MINIMUM 1/2" PLYWOOD OR EQUIVALENT IN STRENGTH FOR HOLDING POWER OF FASTENERS.
3. ALL FELT UNDERLAYMENT, CAULKING, AND FASTENERS, ARE ITEMS TO BE FURNISHED AND INSTALLED BY THE ROOFING INSTALLER AT THE DISCRETION OF THE ARCHITECT.

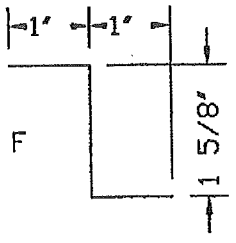


COUNTERFLASHING



SUB-FLASHING

F = FINISH SIDE



ZEE CLOSURE

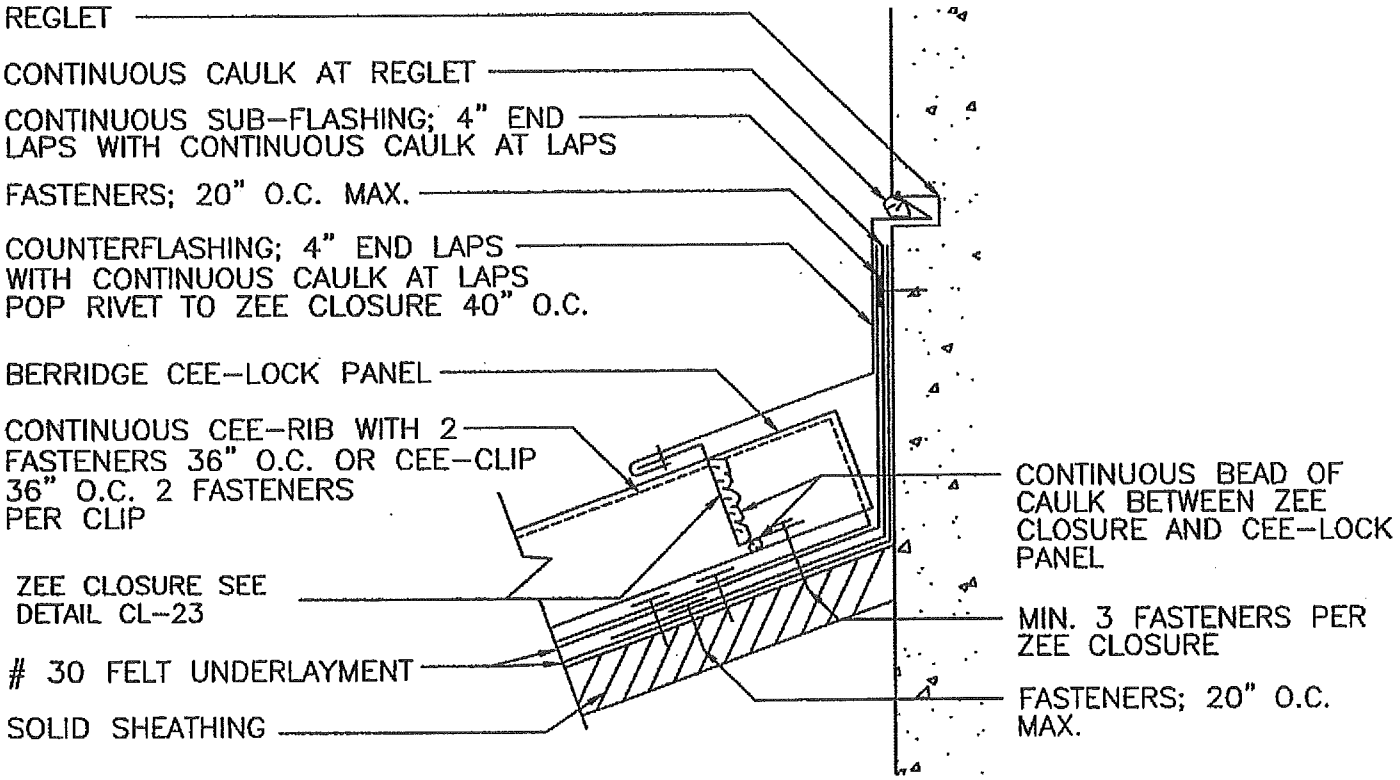
Berridge Manufacturing Company
Roofs of Distinction

HEAD WALL DETAIL
WITH FASCIA PANEL

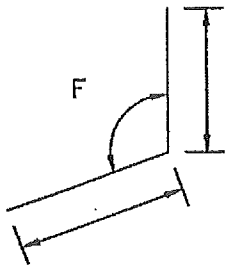
DATE: 08-22-05

CEE-LOCK PANEL

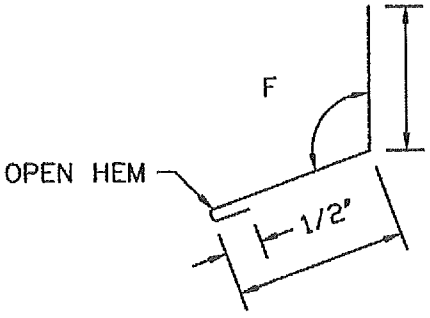
PAGE\FILE
CL-50



1. FIELD CUT ZEE CLOSURE TO FIT BETWEEN PANEL SEAMS IF PANELS ARE NOT PERPENDICULAR TO WALL.
2. SOLID SHEATHING (BY OTHERS) TO BE MINIMUM 1/2" PLYWOOD OR EQUIVALENT IN STRENGTH FOR HOLDING POWER OF FASTENERS.
3. ALL FELT UNDERLAYMENT, CAULKING, AND FASTENERS, ARE ITEMS TO BE FURNISHED AND INSTALLED BY THE ROOFING INSTALLER AT THE DISCRETION OF THE ARCHITECT.

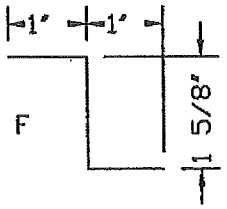


SUB-FLASHING



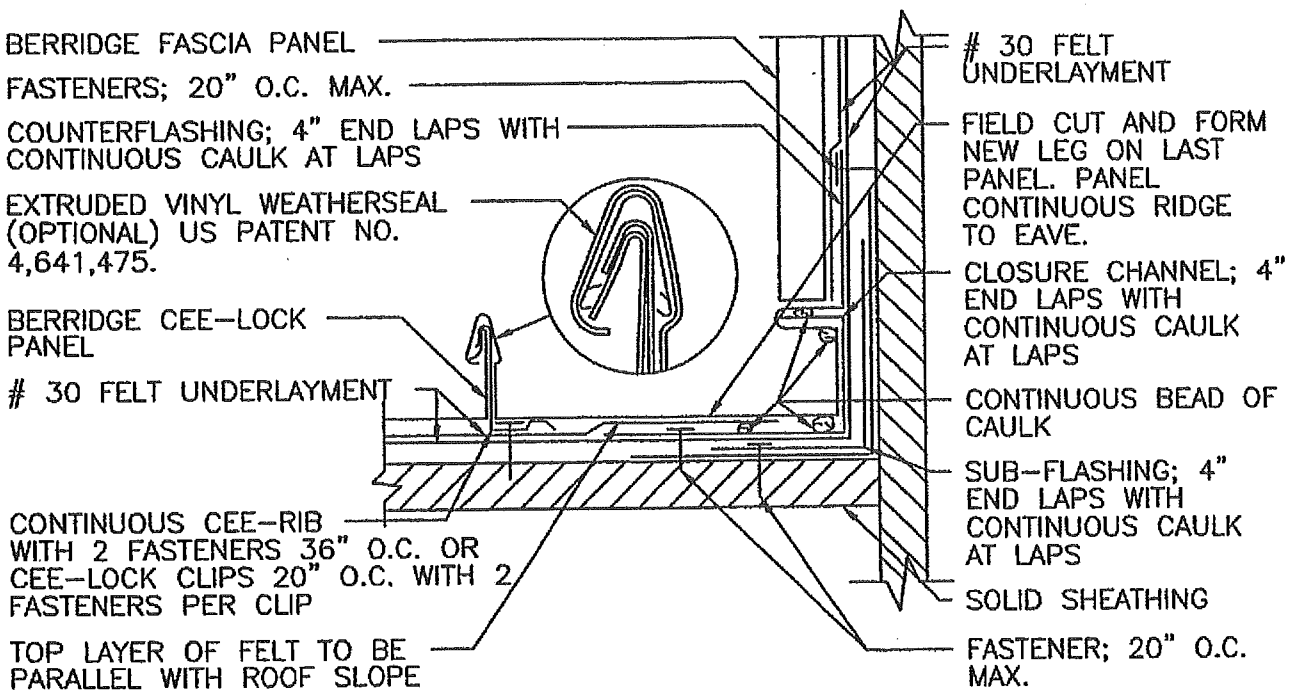
COUNTERFLASHING

F = FINISH SIDE

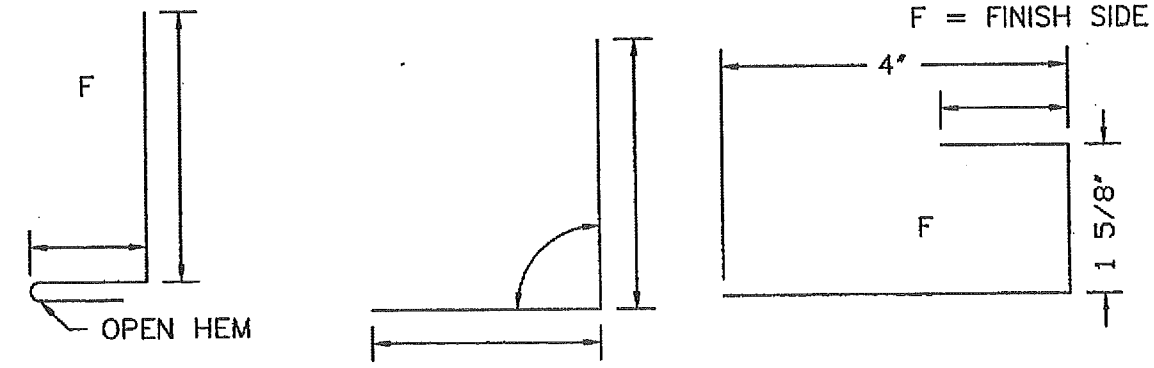


ZEE CLOSURE

DATE: 08-22-05	HEAD WALL DETAIL REGLET	Berridge Manufacturing Company Roofs of Distinction
PAGE\FILE CL-51	CEE-LOCK PANEL	



1. FIELD CUT LAST PANEL AND FORM NEW LEG. PANEL TO BE CONTINUOUS FROM RIDGE TO EAVE.
2. SOLID SHEATHING (BY OTHERS) TO BE MINIMUM 1/2" PLYWOOD OR EQUIVALENT IN STRENGTH FOR HOLDING POWER OF FASTENERS.
3. ALL FELT UNDERLAYMENT, CAULKING, AND FASTENERS, ARE ITEMS TO BE FURNISHED AND INSTALLED BY THE ROOFING INSTALLER AT THE DISCRETION OF THE ARCHITECT.



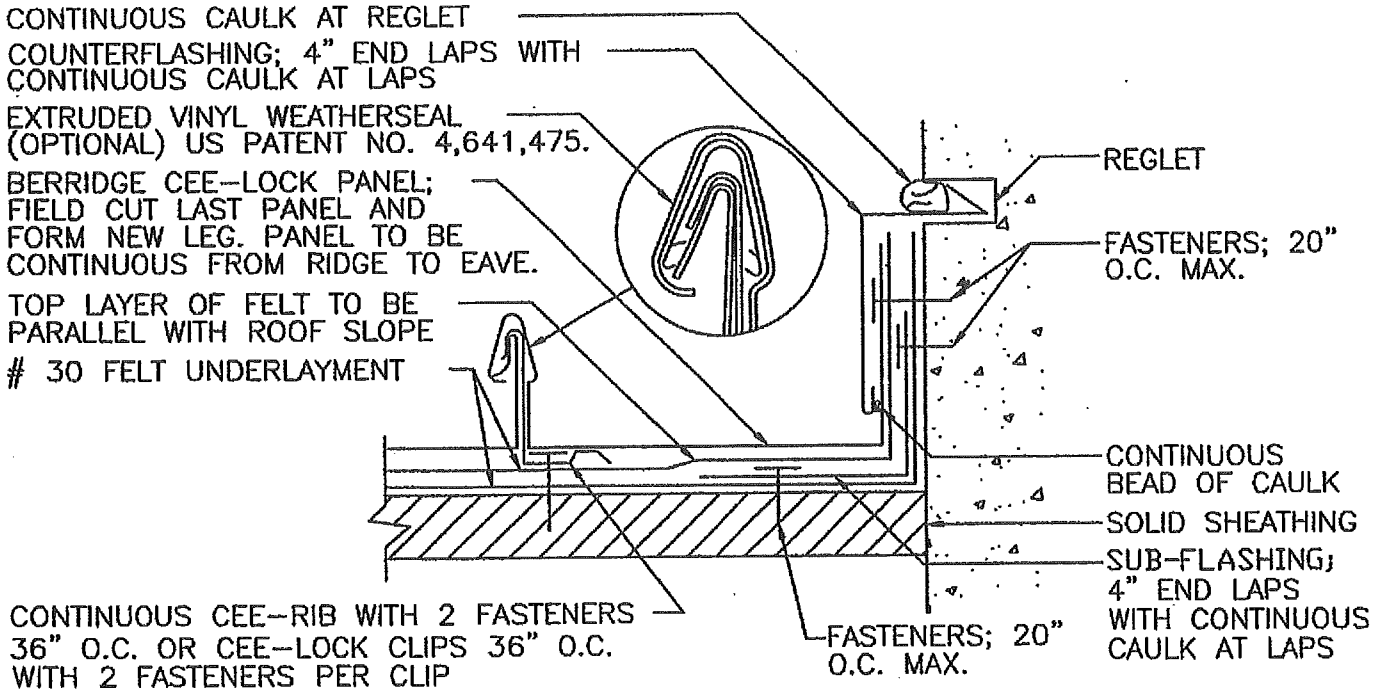
Berridge Manufacturing Company
Roofs of Distinction

RAKE WALL DETAIL WITH FASCIA PANEL

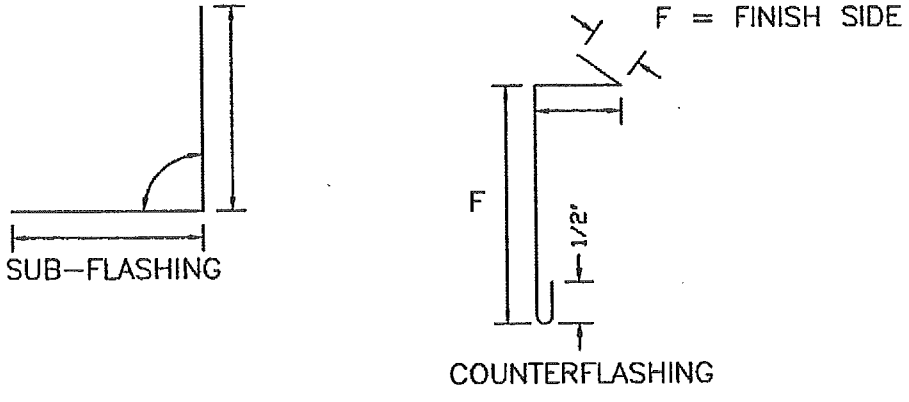
DATE: 08-22-05

CEE-LOCK PANEL

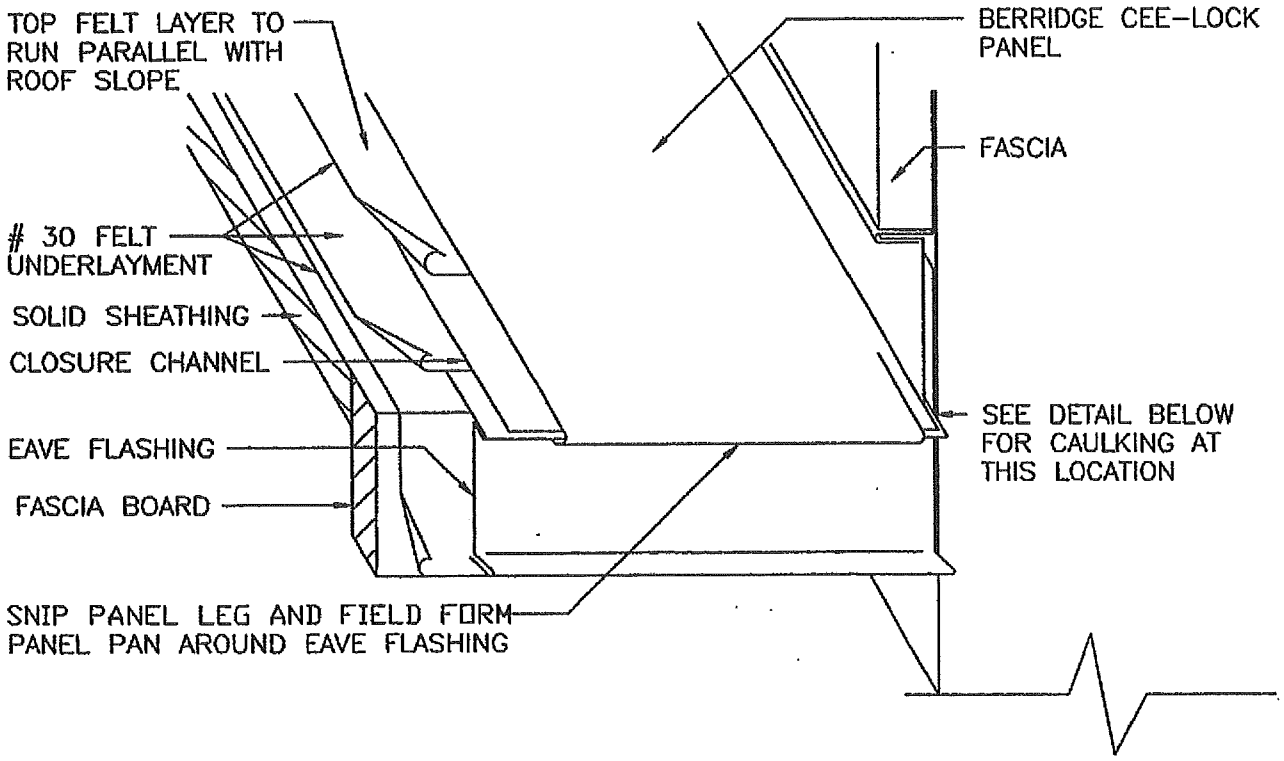
PAGE\FILE
CL-52

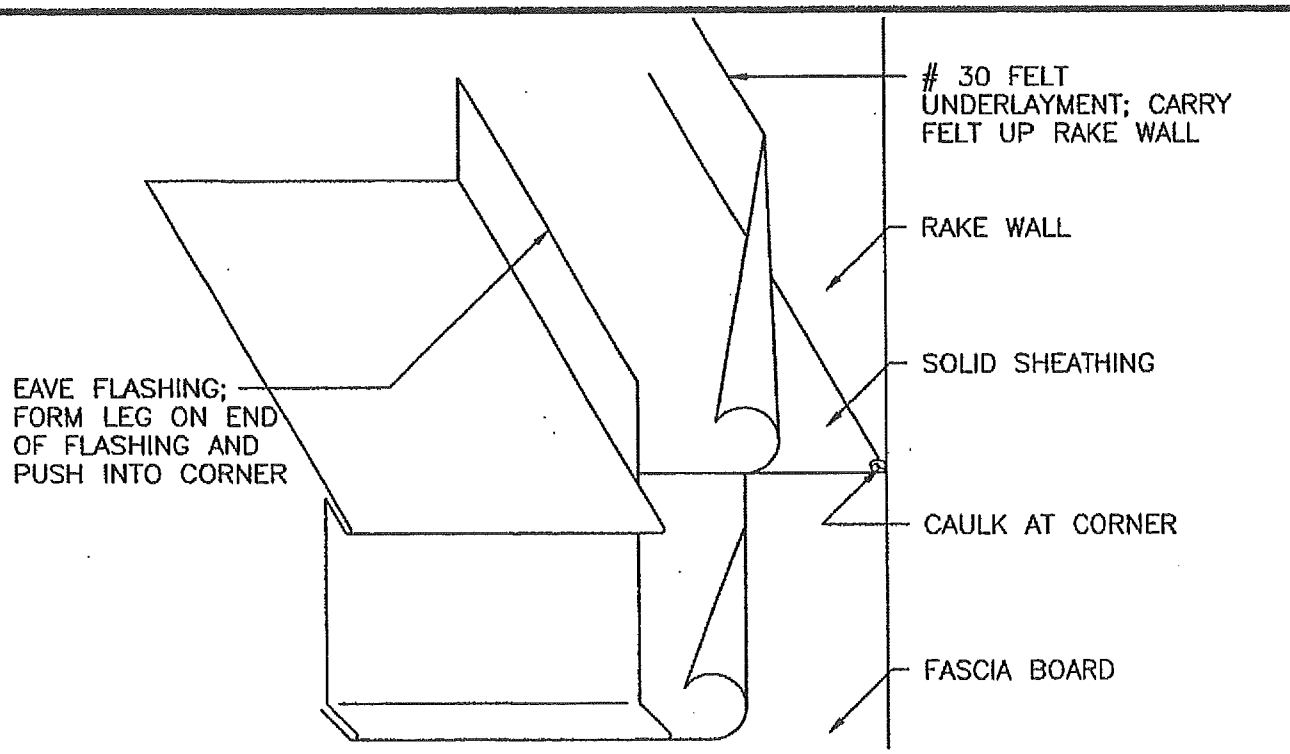


1. FIELD CUT LAST PANEL AND FORM NEW LEG. PANEL MUST BE CONTINUOUS FROM RIDGE TO EAVE.
2. SOLID SHEATHING (BY OTHERS) TO BE MINIMUM 1/2" PLYWOOD OR EQUIVALENT IN STRENGTH FOR HOLDING POWER OF FASTENERS.
3. ALL FELT UNDERLAYMENT, CAULKING, AND FASTENERS, ARE ITEMS TO BE FURNISHED AND INSTALLED BY THE ROOFING INSTALLER AT THE DISCRETION OF THE ARCHITECT.



DATE: 08-22-05	RAKE WALL DETAIL WITH REGLET FLASHING	Berridge Manufacturing Company Roofs of Distinction
PAGE\FILE CL-53	CEE-LOCK PANEL	





Berridge Manufacturing Company

Roofs of Distinction

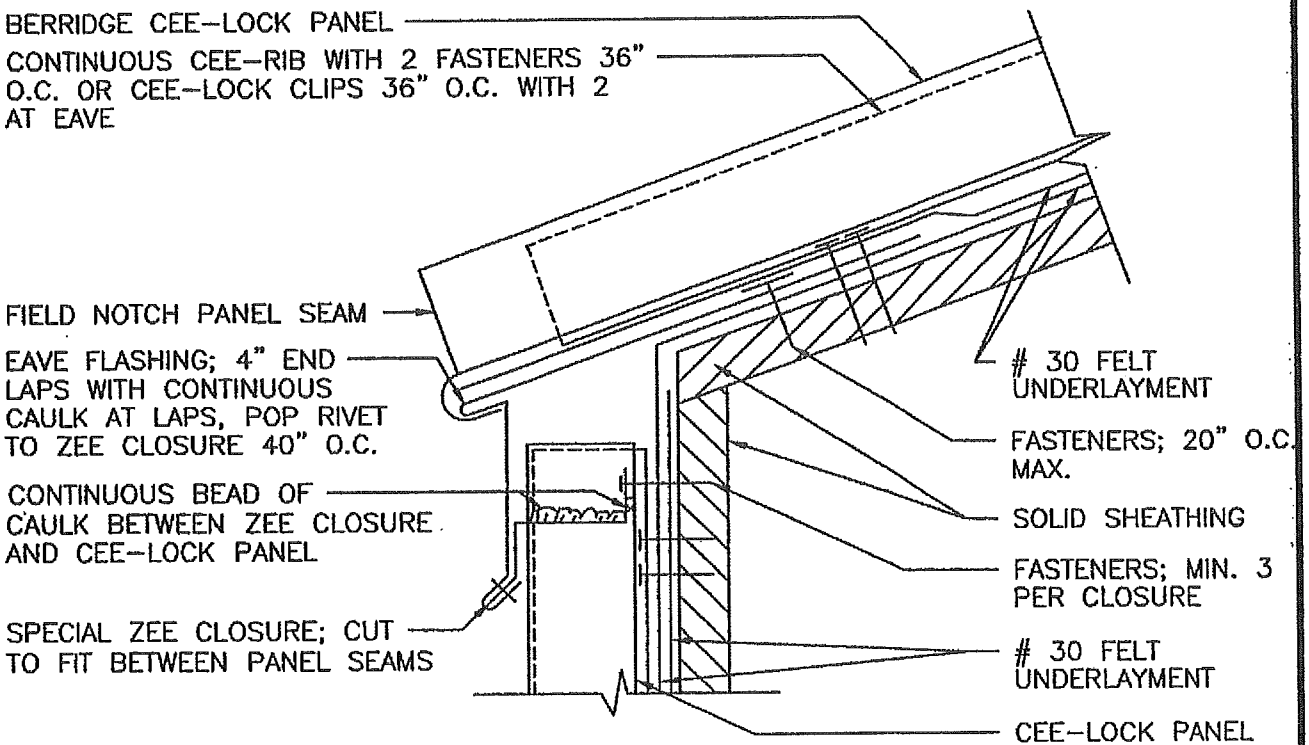
RAKE AT EAVE

USE THIS DETAIL AT RAKE DETAILS, CL-52 AND CL-53

DATE: 05-01-97

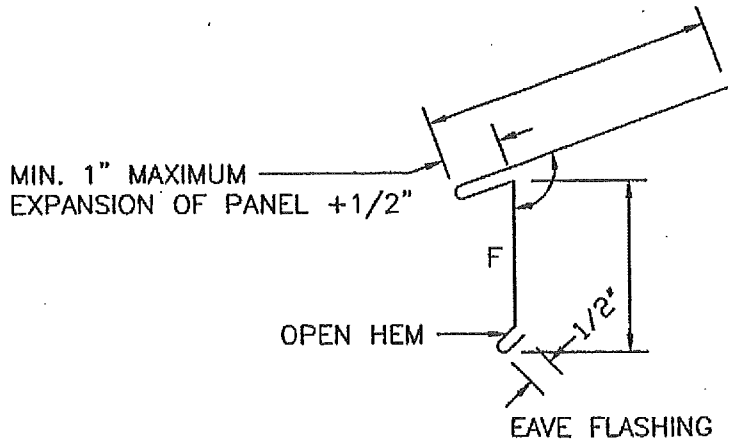
CEE-LOCK PANEL

PAGE\FILE
CL-54

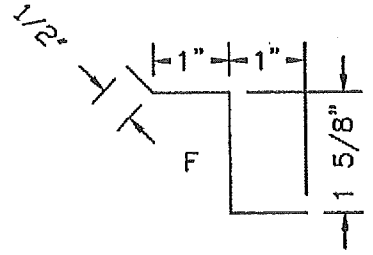


1. FIELD CUT ZEE CLOSURE TO FIT BETWEEN SEAMS OF WALL PANELS.
2. SOLID SHEATHING (BY OTHERS) TO BE MINIMUM 1/2" PLYWOOD OR EQUIVALENT IN STRENGTH FOR HOLDING POWER OF FASTENERS.
3. ALL FELT UNDERLAYMENT, CAULKING, AND FASTENERS, ARE ITEMS TO BE FURNISHED AND INSTALLED BY THE ROOFING INSTALLER AT THE DISCRETION OF THE ARCHITECT.

F = FINISH SIDE



EAVE FLASHING



SPECIAL ZEE CLOSURE

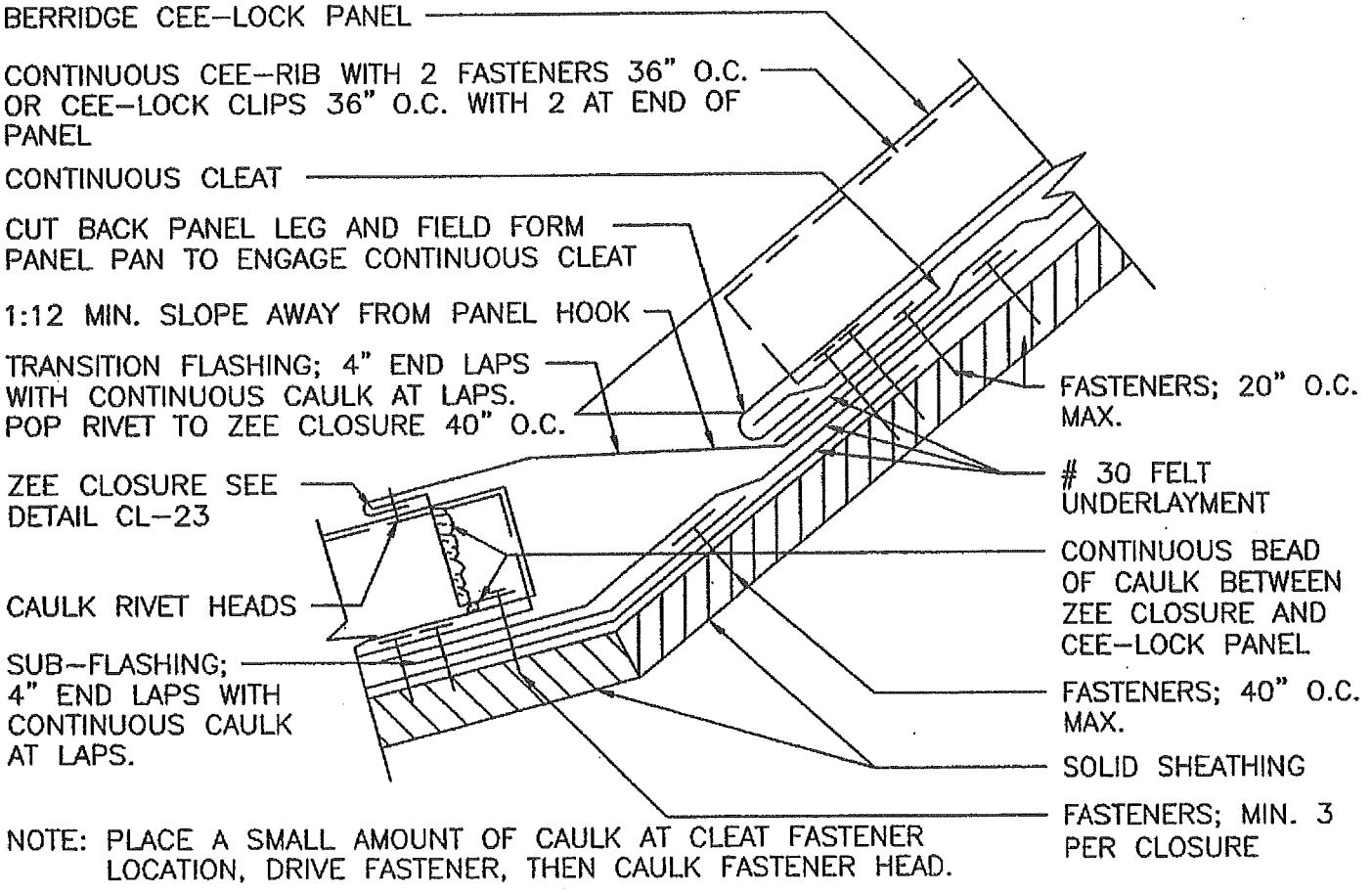
Berridge Manufacturing Company
Roofs of Distinction

ROOF TO FASCIA TRANSITION
COUNTER FLASHING

CEE-LOCK PANEL

DATE: 05-01-97

PAGE\FILE
CL-60

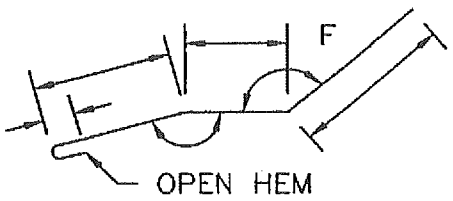


NOTE: PLACE A SMALL AMOUNT OF CAULK AT CLEAT FASTENER LOCATION, DRIVE FASTENER, THEN CAULK FASTENER HEAD.

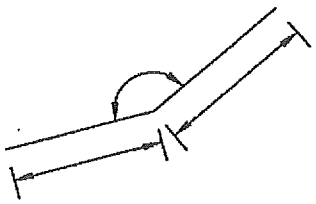
DO NOT: RUN A CONTINUOUS BEAD OF CAULK ON CLEAT OR UNDER CLEAT

1. SEE DETAIL CL-23 FOR ZEE CLOSURE.
2. SOLID SHEATHING (BY OTHERS) TO BE MINIMUM 1/2" PLYWOOD OR EQUIVALENT IN STRENGTH FOR HOLDING POWER OF FASTENERS.
3. ALL FELT UNDERLAYMENT, CAULKING, AND FASTENERS, ARE ITEMS TO BE FURNISHED AND INSTALLED BY THE ROOFING INSTALLER AT THE DISCRETION OF THE ARCHITECT.

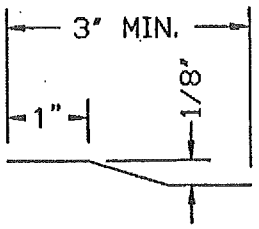
F = FINISH SIDE



TRANSITION FLASHING



SUB-FLASHING



CONTINUOUS CLEAT

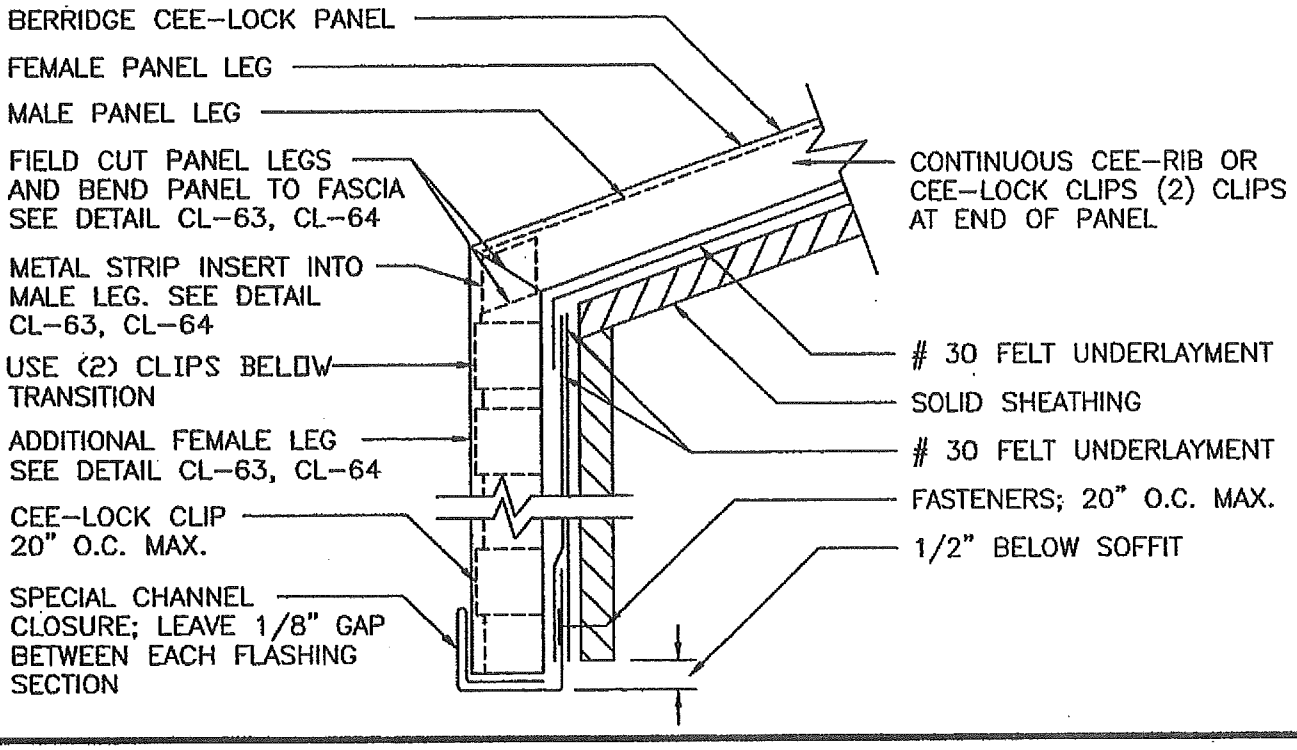
DATE: 08-22-05

SLOPE TRANSITION DETAIL

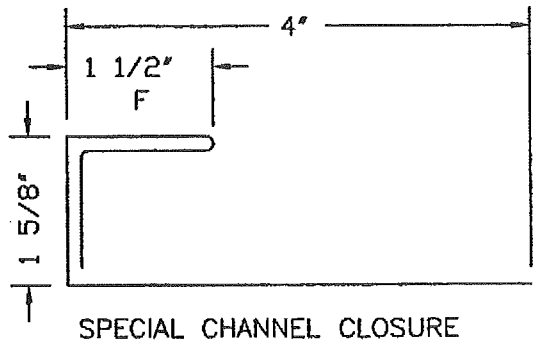
PAGE\FILE
CL-61

CEE-LOCK PANEL

Berridge Manufacturing Company
Roofs of Distinction



1. FIELD CUT LEGS AND BEND PANEL AS REQUIRED FOR CHANGE IN SLOPE FROM ROOF TO FASCIA.
2. ONLY ONE SLOPE TRANSITION PER PANEL IS RECOMMENDED.
3. SEE SLOPE TRANSITION (CL-63 AND CL-64) FOR PANEL LEG MITER AND CAULKING DETAILS.
4. IF SOLID SHEATHING (BY OTHERS) IS USED, SHEATHING MUST BE MINIMUM 1/2" PLYWOOD OR EQUIVALENT IN STRENGTH FOR HOLDING POWER OF FASTENERS.
5. ALL FELT UNDERLAYMENT, CAULKING, AND FASTENERS, ARE ITEMS TO BE FURNISHED AND INSTALLED BY THE ROOFING INSTALLER AT THE DISCRETION OF THE ARCHITECT.



F = FINISH SIDE

SPECIAL CHANNEL CLOSURE

Berridge Manufacturing Company

Roofs of Distinction

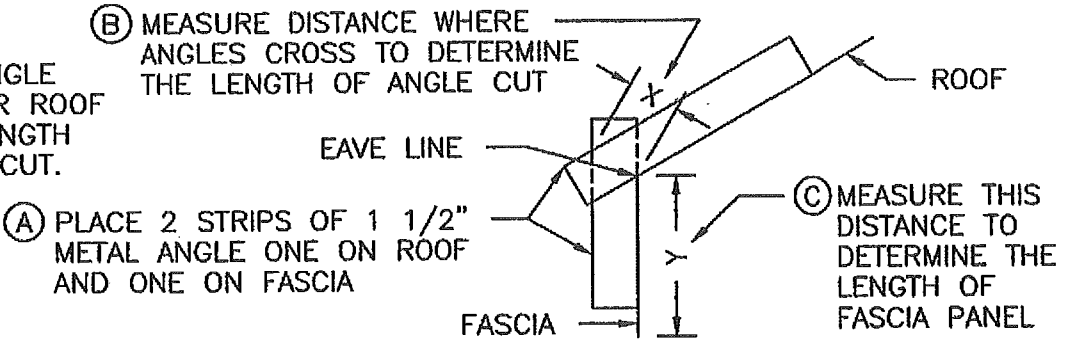
SLOPE TRANSITION
ROOF TO FASCIA
OVERVIEW

DATE: 05-01-97

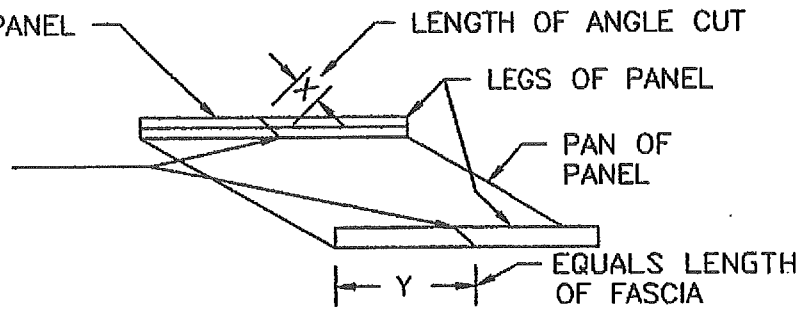
CEE-LOCK PANEL

PAGE\FILE
CL-62

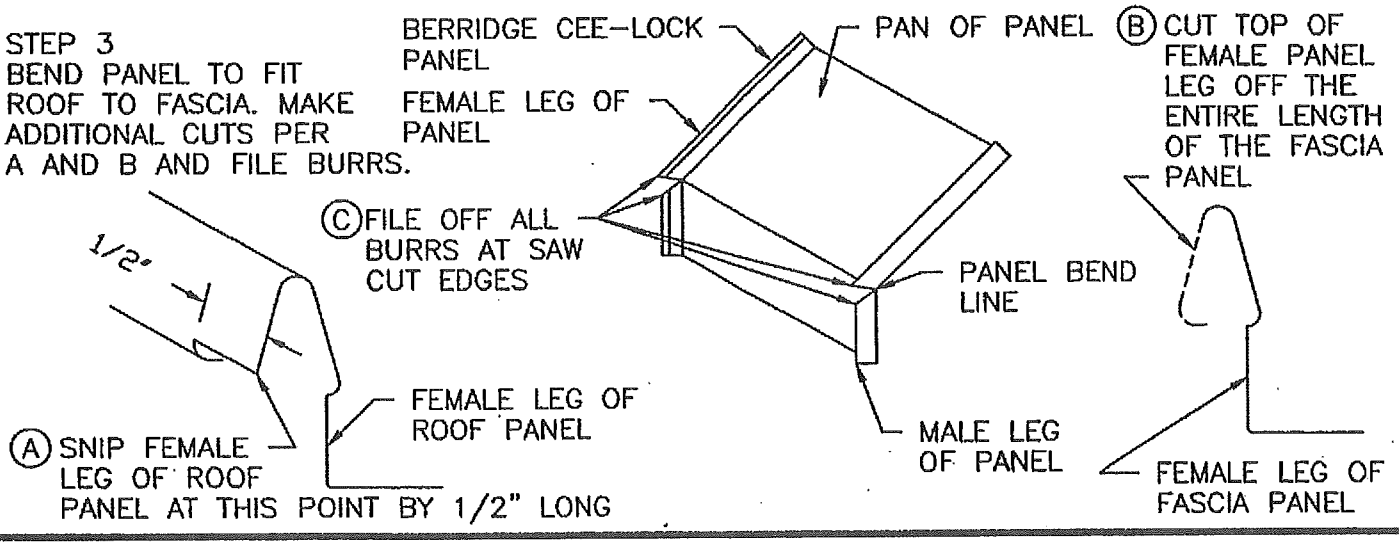
STEP 1
DETERMINE THE ANGLE CUT REQUIRED FOR ROOF TO FASCIA AND LENGTH OF FASCIA PANEL CUT.



STEP 2
WITH A MITER BOX AND HACKSAW CUT PANEL LEGS TO ANGLE REQUIRED FOR ROOF TO FASCIA TRANSITION



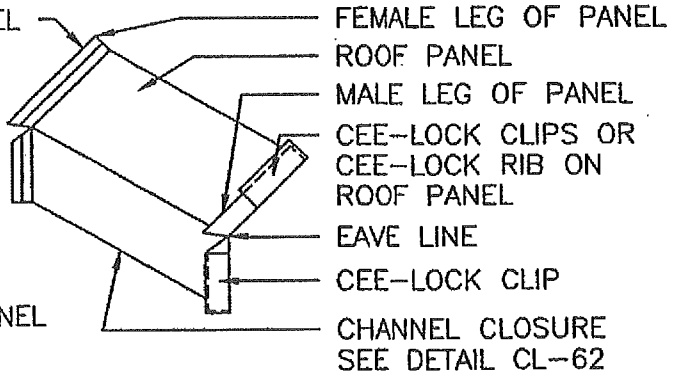
STEP 3
BEND PANEL TO FIT ROOF TO FASCIA. MAKE ADDITIONAL CUTS PER A AND B AND FILE BURRS.



STEP 4
IN STALL SPECIAL CHANNEL CLOSURE FLASHING AT BOTTOM OF FASCIA. PLACE FASCIA PANEL INTO SPECIAL CHANNEL CLOSURE.

SECURE FASCIA PANEL TO FASCIA WITH CEE-LOCK CLIPS 20" O.C.

PLACE PANEL ON ROOF AND SECURE ROOF PANEL WITH CEE-LOCK CLIPS OR CEE-LOCK RIB.



DATE: 05-01-97

PAGE\FILE
CL-63

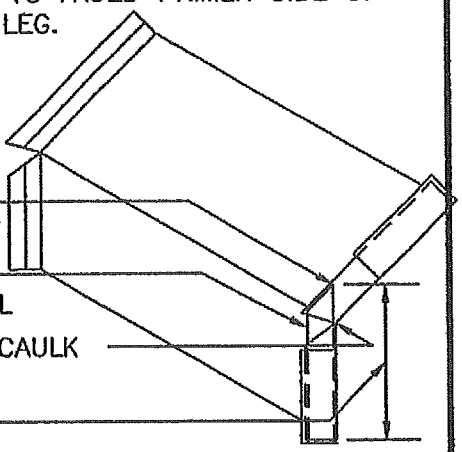
SLOPE TRANSITION ROOF TO FASCIA INSTALLATION INSTRUCTIONS

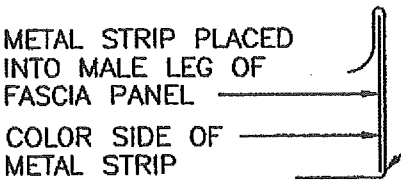
CEE-LOCK PANEL

Berridge Manufacturing Company
Roofs of Distinction

STEP 5
FROM A FLAT SHEET OF METAL PAINTED TO MATCH THE ROOF, CUT A STRIP 1 3/8" WIDE AND LENGTH AS SHOWN IN DIAGRAM TO THE RIGHT. THIS METAL STRIP IS TO BE PLACED INTO THE MALE LEG OF THE FASCIA PANEL. SEE BELOW.

NOTE: PAINTED SIDE OF METAL STRIP ABOVE EAVE LINE IS TO FACED PRIMER SIDE OF ROOF PANEL LEG.

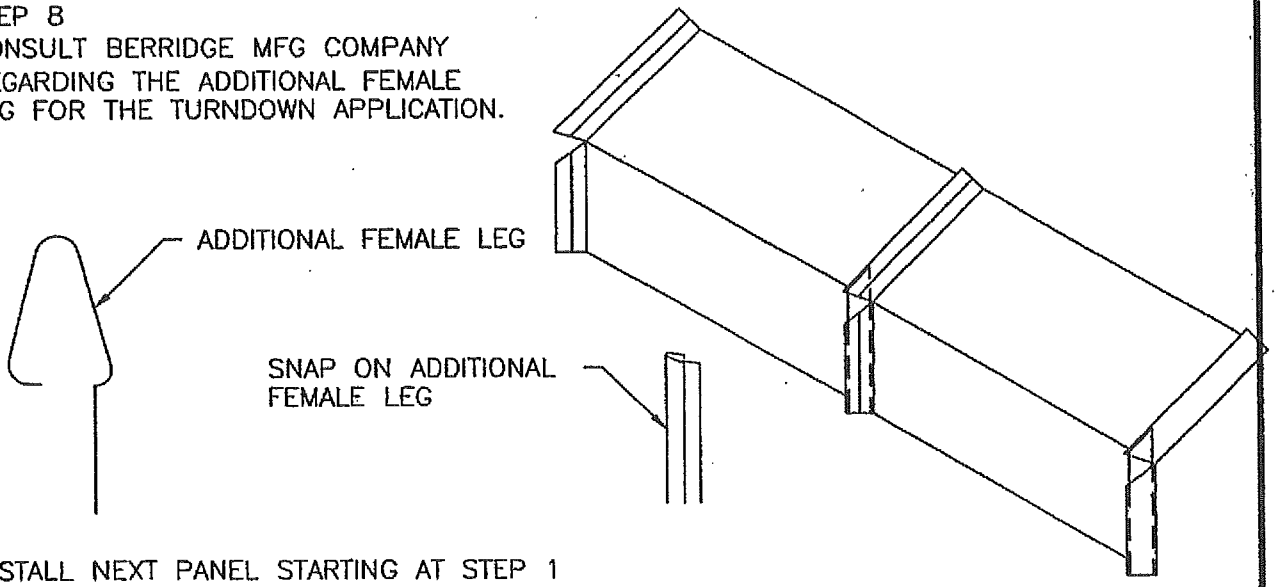




STEP 6
PREPARE ADJACENT PANEL FOR INSTALLATION FOLLOWING STEPS 1, 2, AND 3.

STEP 7
INSTALL PANEL PER STEPS 4 AND 5.

STEP 8
CONSULT BERRIDGE MFG COMPANY REGARDING THE ADDITIONAL FEMALE LEG FOR THE TURNDOWN APPLICATION.



INSTALL NEXT PANEL STARTING AT STEP 1

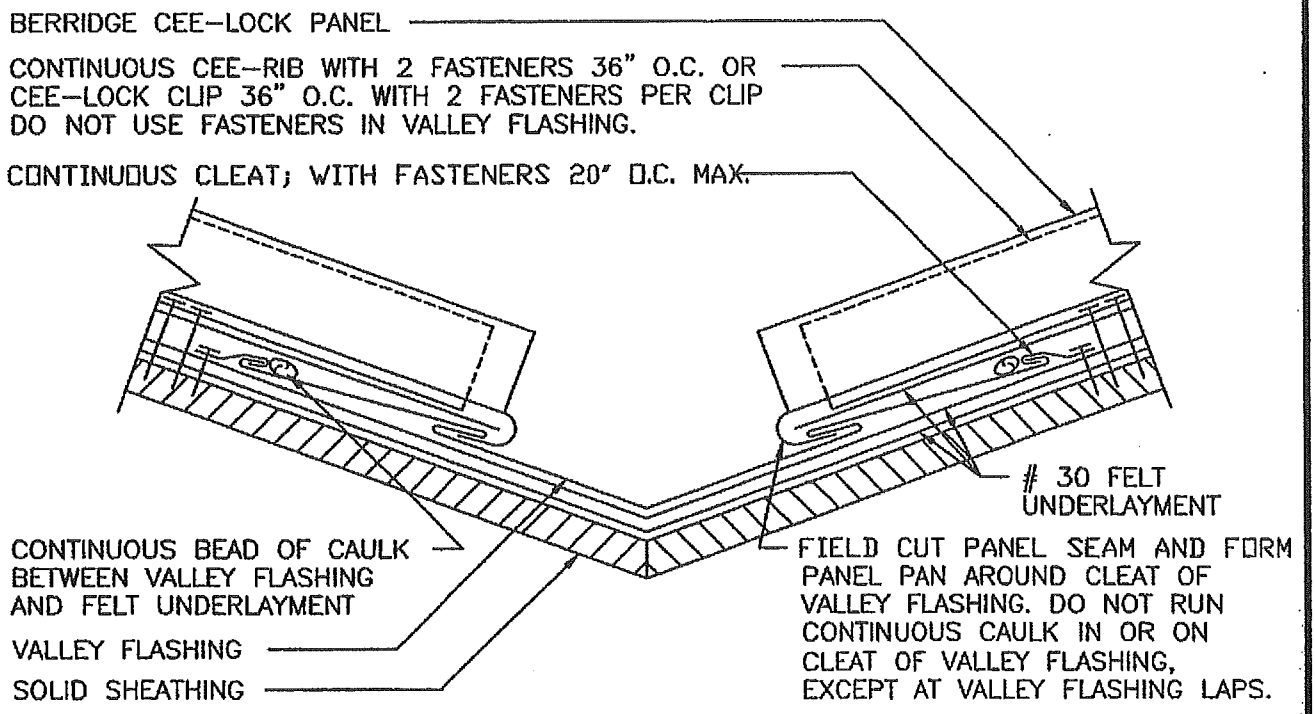
Berridge Manufacturing Company
Roofs of Distinction

SLOPE TRANSITION
ROOF TO FASCIA
INSTALLATION INSTRUCTIONS

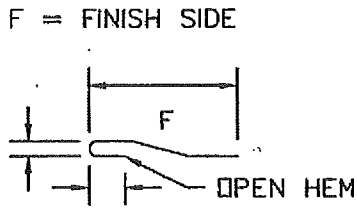
CEE-LOCK PANEL

DATE: 08-22-05

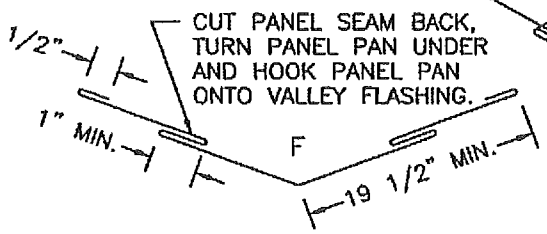
PAGE\FILE
CL-64



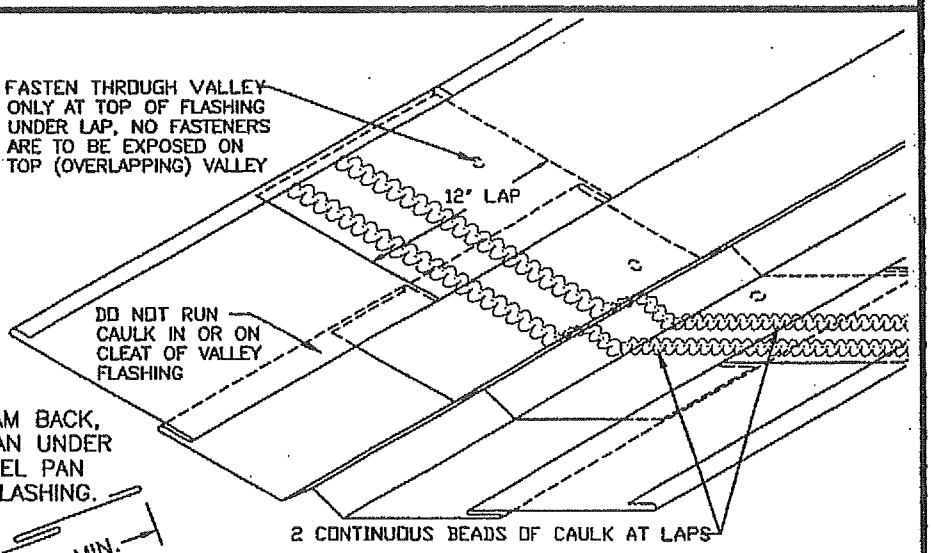
1. FOR EXPANSION AND CONTRACTION OF PANELS, SEE CI-7 AND CL-10
2. SOLID SHEATHING (BY OTHERS) TO BE A MINIMUM OF 1/2" PLYWOOD OR EQUIVALENT IN STRENGTH FOR HOLDING POWER OF FASTENERS.
3. ALL FELT UNDERLAYMENT, CAULKING, AND FASTENERS, ARE ITEMS TO BE FURNISHED AND INSTALLED BY THE ROOFING INSTALLER AT THE DISCRETION OF THE ARCHITECT.



CONTINUOUS CLEAT



VALLEY FLASHING



VALLEY FLASHING LAP

Berridge Manufacturing Company

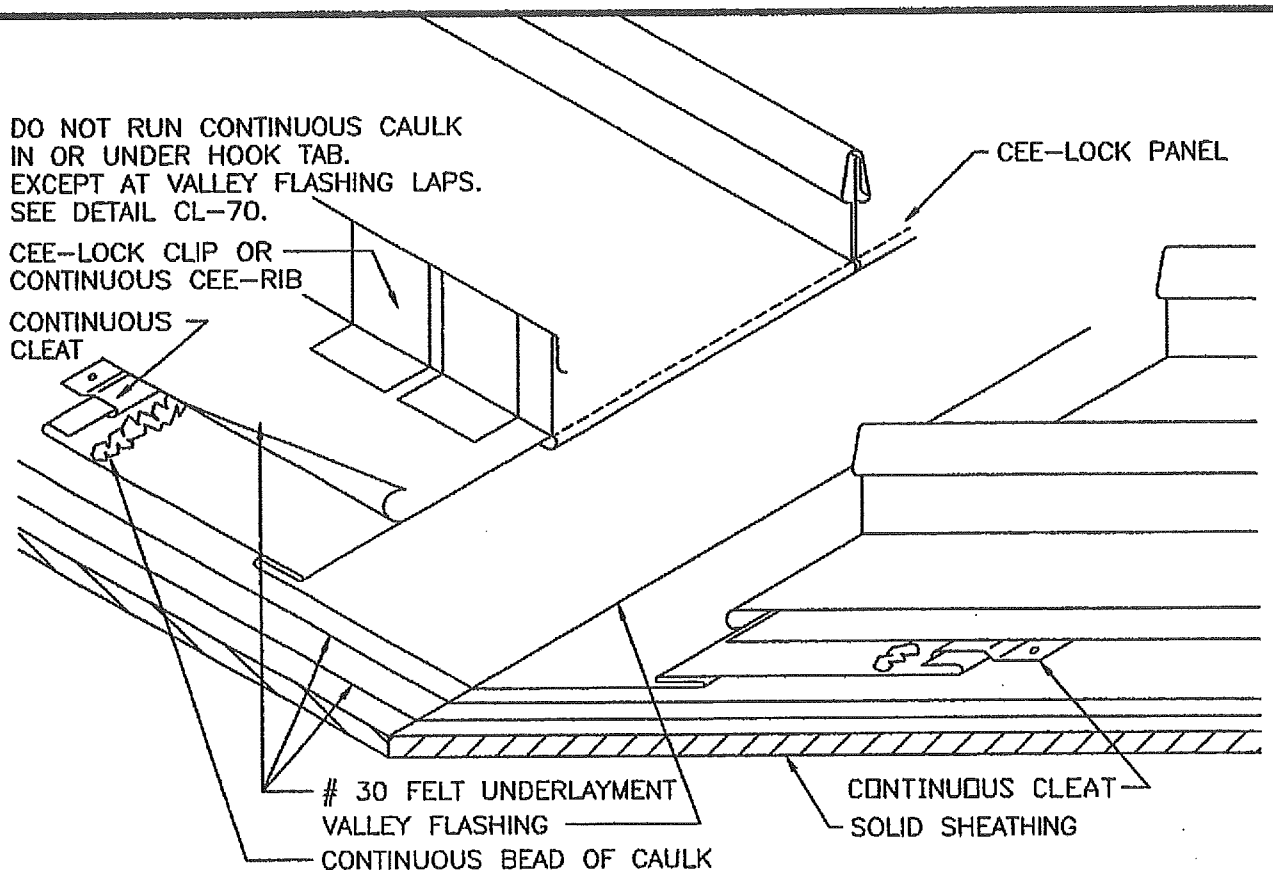
Roofs of Distinction

VALLEY DETAIL

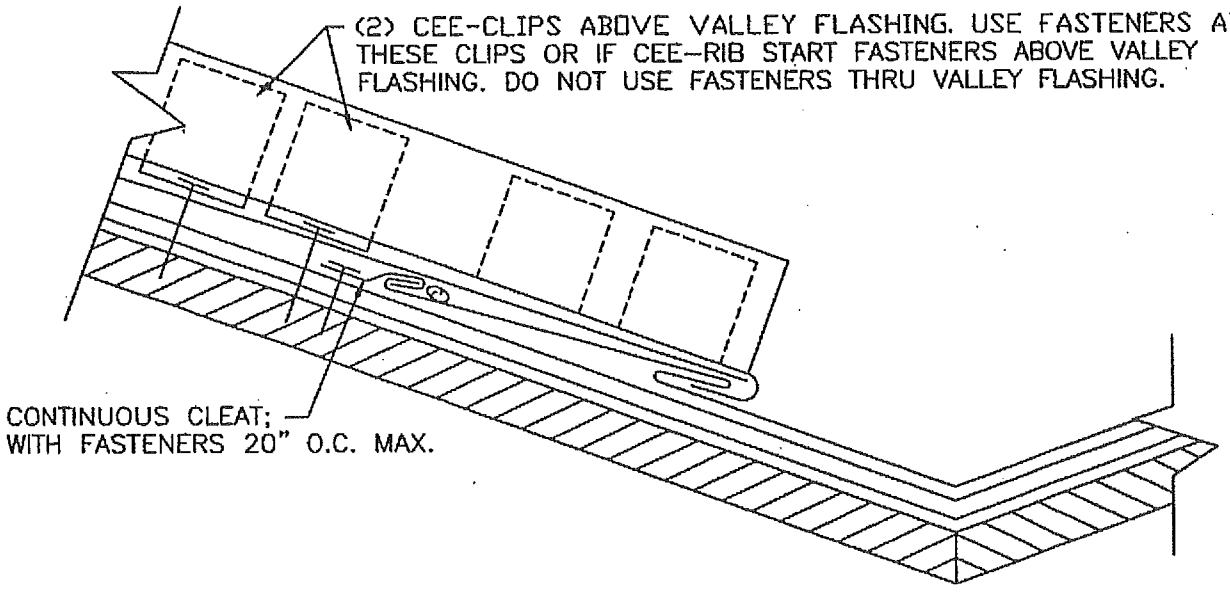
DATE: 08-22-05

CEE-LOCK PANEL

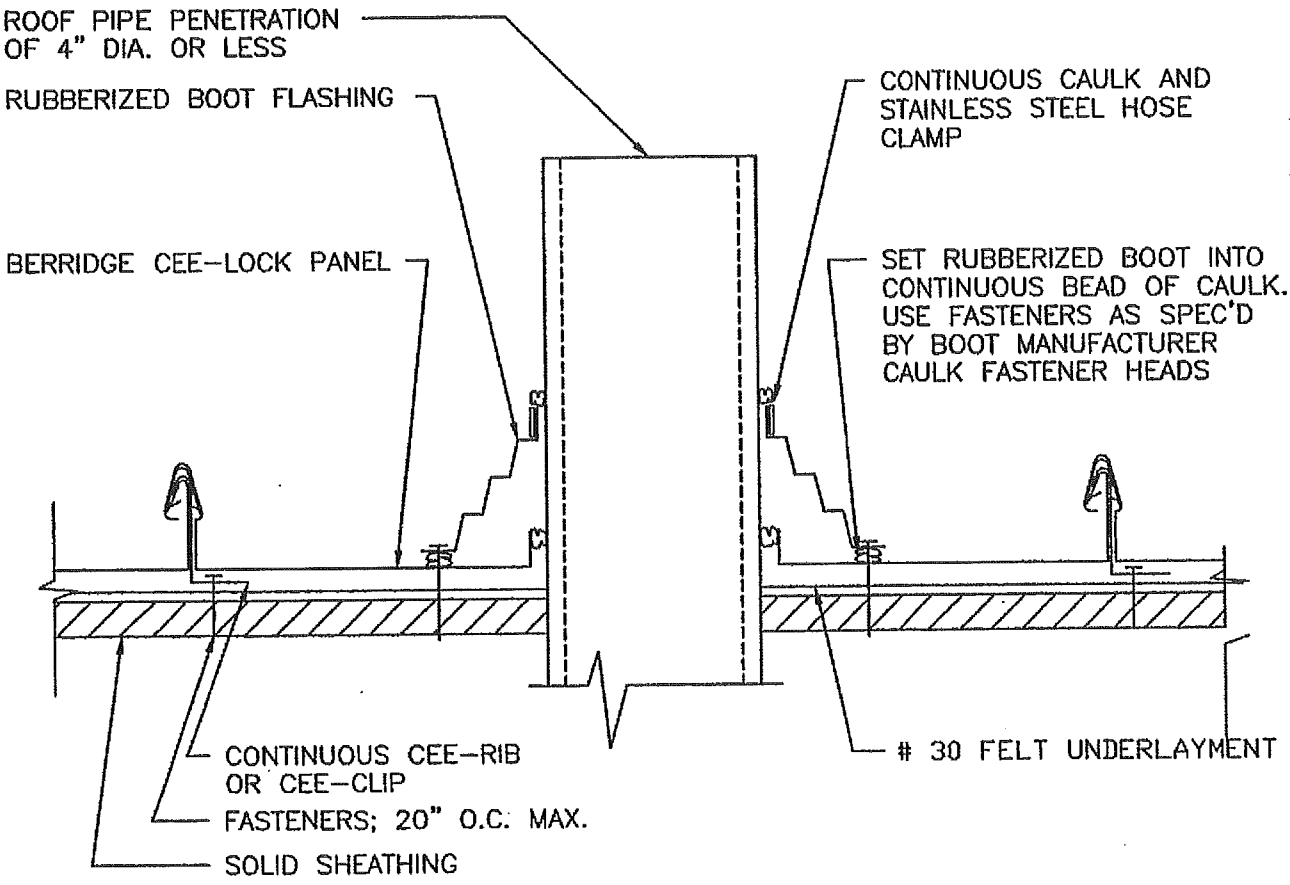
PAGE\FILE
CL-70



SEE DETAIL CL-70 FOR VALLEY FLASHING LAP



DATE: 08-22-05	VALLEY ISOMETRIC	Berridge Manufacturing Company *Roofs of Distinction*
PAGE\FILE CL-71	CEE-LOCK PANEL	



NOTE: POSITION SQUARE BASED BOOTS IN A DIAMOND ORIENTATION WHERE POSSIBLE TO AID IN DIVERTING WATER

NOTE: PIPE PENETRATION TO BE IN PAN OF PANEL ONLY

NOTE: FIELD CUT HOLE IN PANEL 1" LESS THAN DIA. OF STACK. BACK CUT HOLE AND BEND PANEL UP AROUND STACK. CAULK CONTINUOUS.

NOTE: IF PANELS ARE 30' OR LONGER, CUT HOLE TO ALLOW FOR THERMAL MOVEMENT.

NOTE: IF PIPE IS MADE OF METAL IT MUST BE PAINTED TO PREVENT RUST RUN-OFF FROM STAINING PANELS

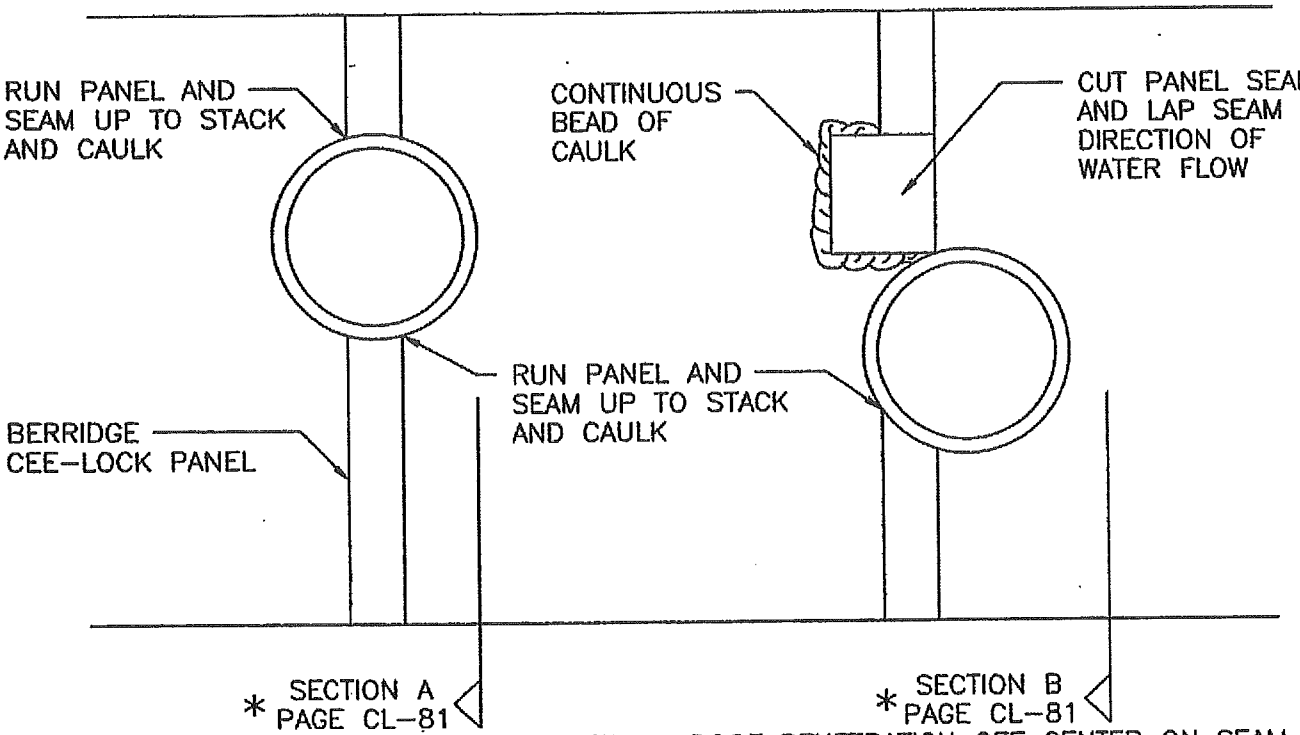
Berridge Manufacturing Company
Roofs of Distinction

PIPE PENETRATION
(PREFERRED METHOD)
IN PAN OF PANEL; ONLY

DATE: 08-22-05

CEE-LOCK PANEL

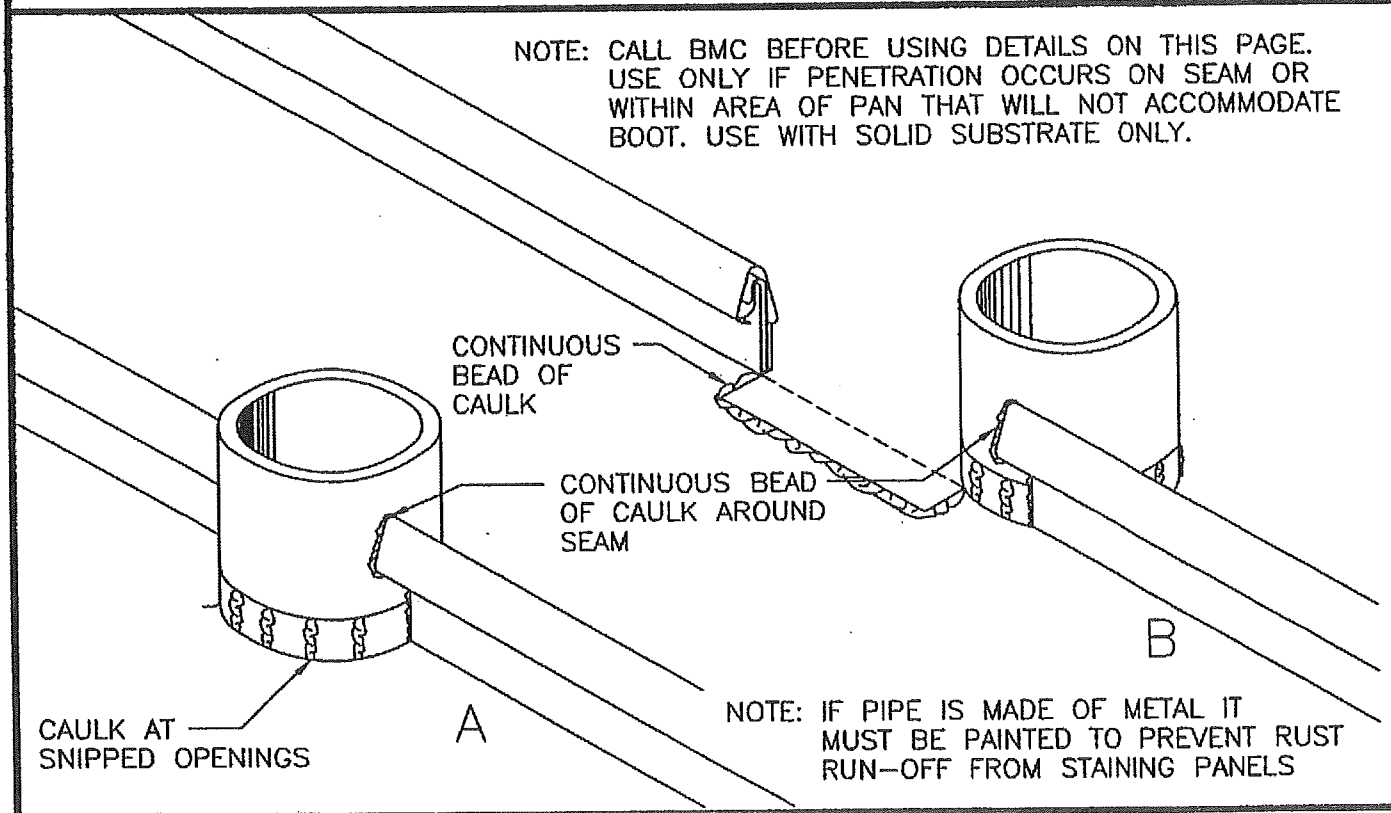
PAGE\FILE
CL-80



ROOF PENETRATION CENTERED ON SEAM

ROOF PENETRATION OFF CENTER ON SEAM

*CALL BMC BEFORE USING THIS DETAIL



NOTE: CALL BMC BEFORE USING DETAILS ON THIS PAGE. USE ONLY IF PENETRATION OCCURS ON SEAM OR WITHIN AREA OF PAN THAT WILL NOT ACCOMMODATE BOOT. USE WITH SOLID SUBSTRATE ONLY.

NOTE: IF PIPE IS MADE OF METAL IT MUST BE PAINTED TO PREVENT RUST RUN-OFF FROM STAINING PANELS

DATE: 05-01-97

PAGE\FILE
CL-81

PIPE PENETRATION ON PANEL SEAM
ISOMETRIC AND PLAN VIEW;
*CALL BMC BEFORE USING THIS DETAIL

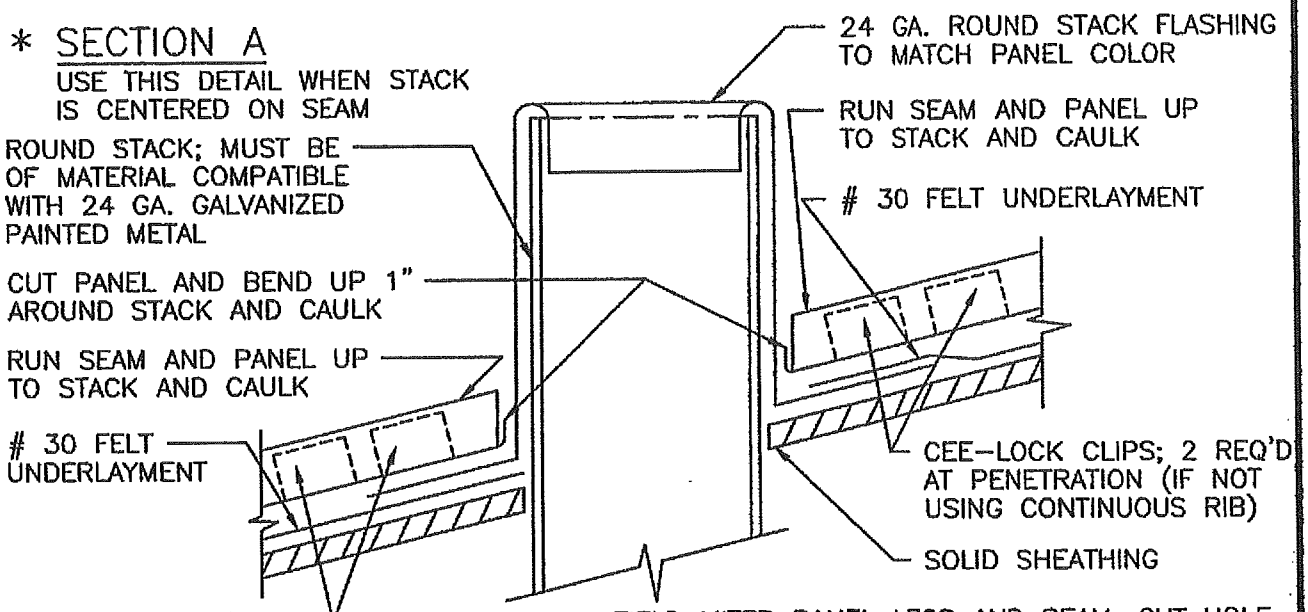
CEE-LOCK PANEL

Berridge Manufacturing Company

Roofs of Distinction

* SECTION A

USE THIS DETAIL WHEN STACK IS CENTERED ON SEAM

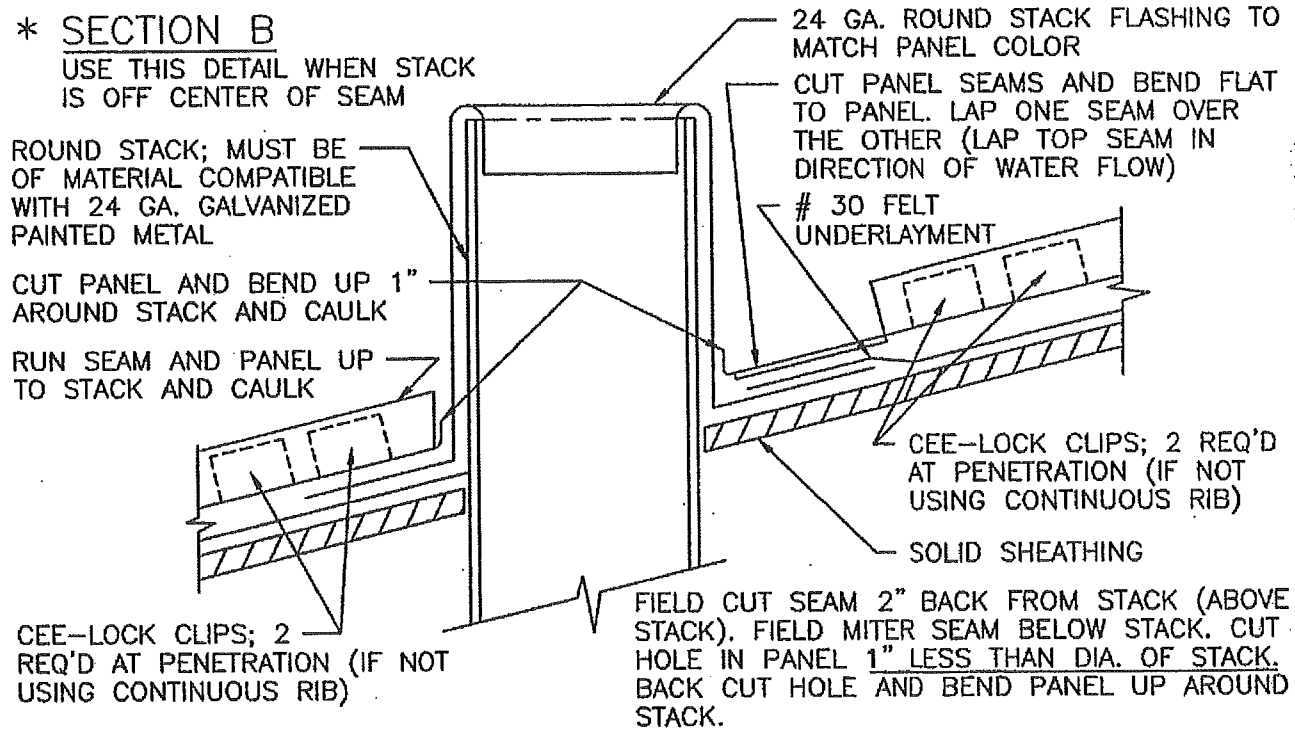


NOTE: IF PIPE IS MADE OF METAL IT MUST BE PAINTED TO PREVENT RUST RUN-OFF FROM STAINING PANELS.

*CALL BMC BEFORE USING THIS DETAIL

* SECTION B

USE THIS DETAIL WHEN STACK IS OFF CENTER OF SEAM



Berridge Manufacturing Company

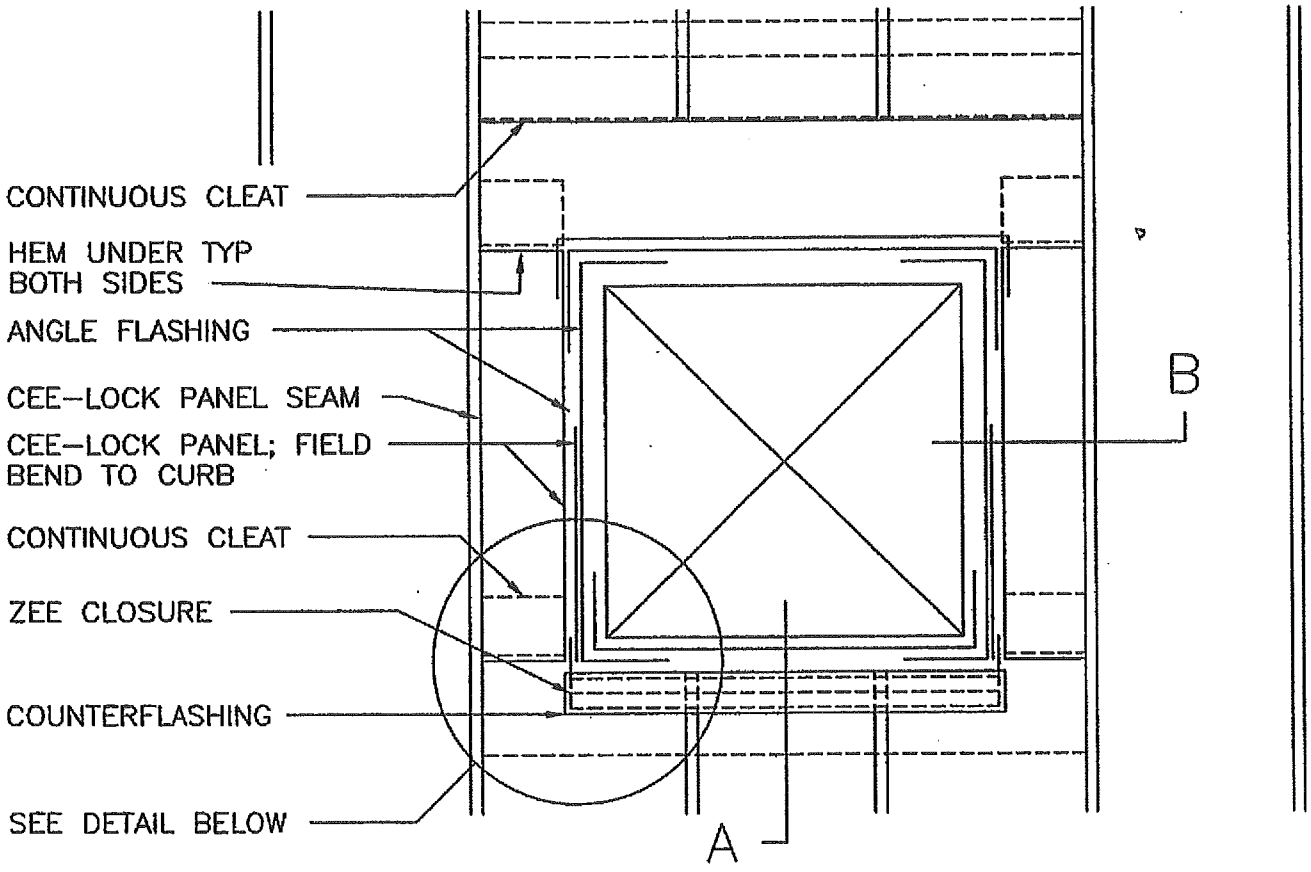
Roofs of Distinction

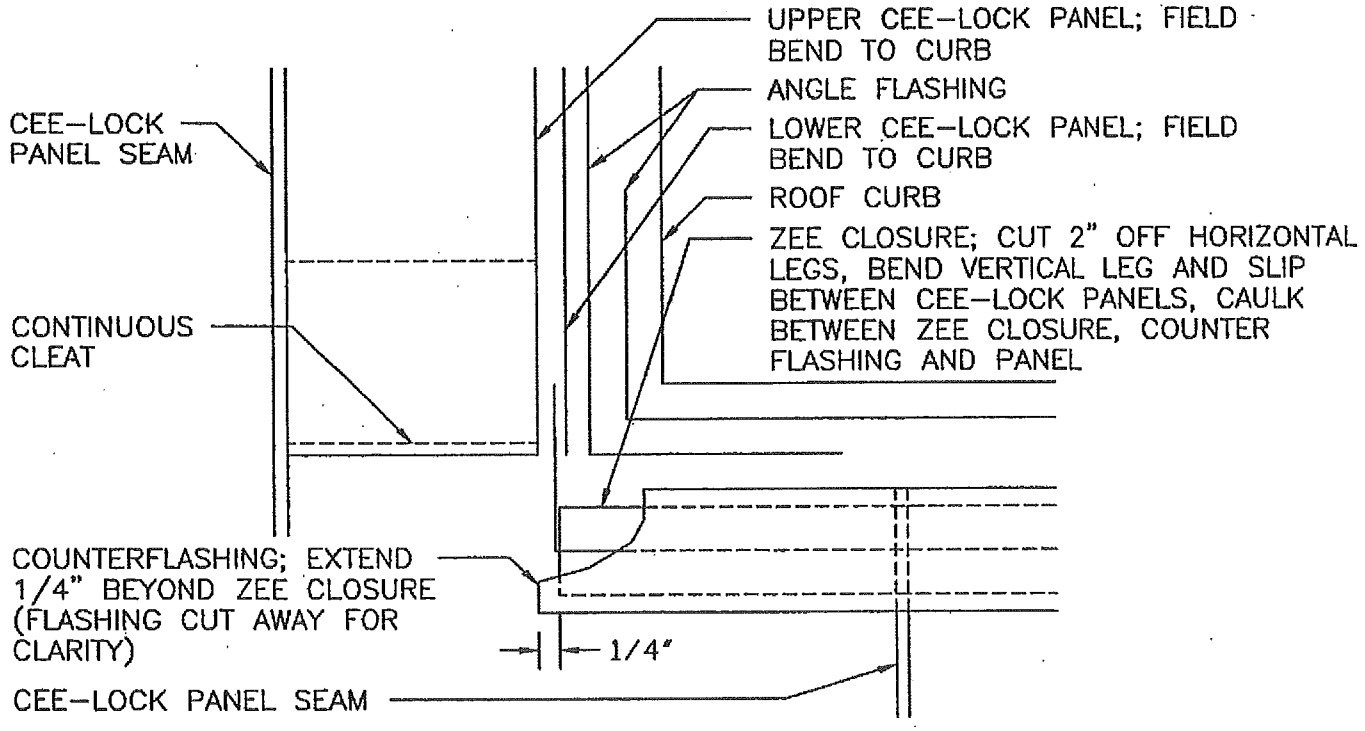
PIPE PENETRATION ON PANEL SEAM; SECTIONS *CALL BMC. BEFORE USING THIS DETAIL

DATE: 05-01-97

CEE-LOCK PANEL

PAGE\FILE CL-82





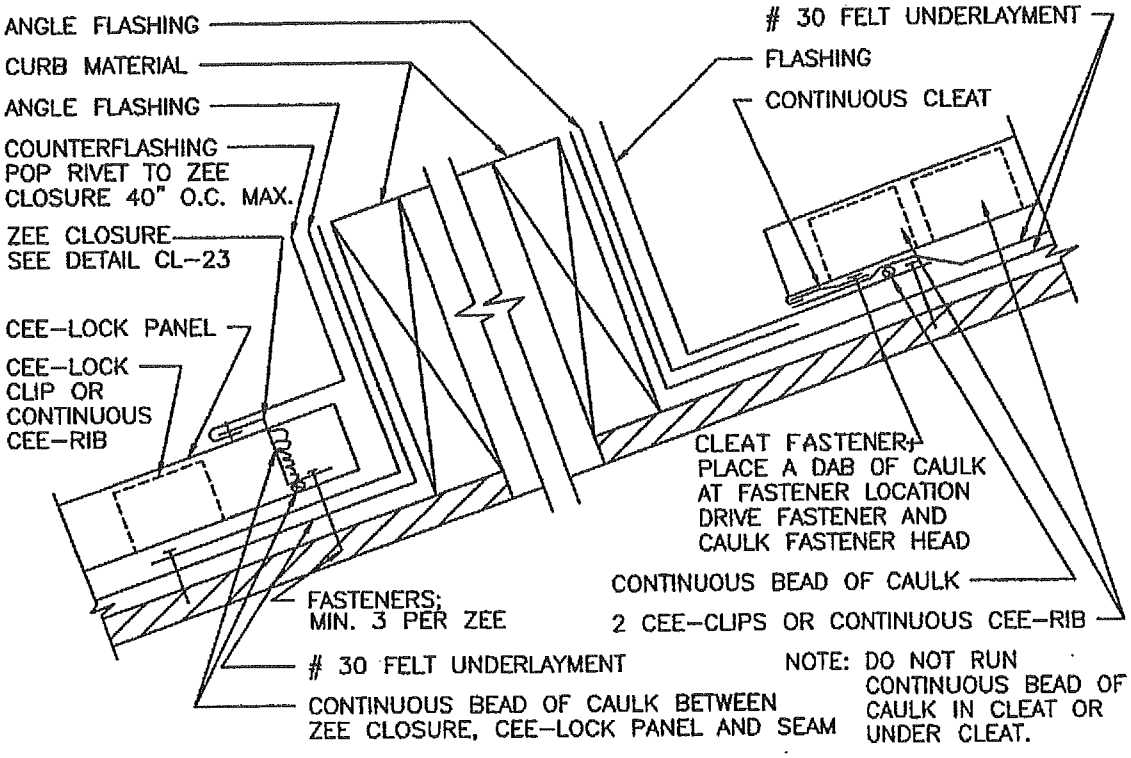
DATE: 08–22–05

SQUARE PENETRATION
PLAN VIEW

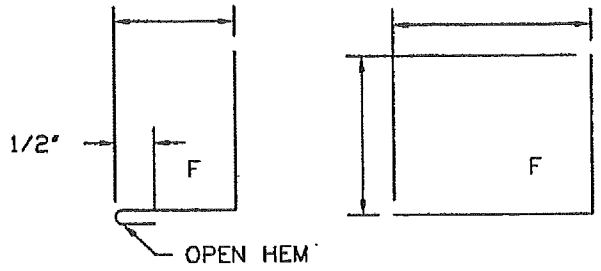
PAGE\FILE
CL-83

CEE-LOCK PANEL

Berridge Manufacturing Company
Roofs of Distinction

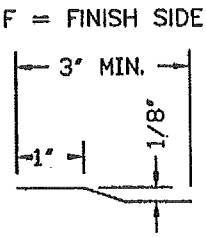


1. SOLID SHEATHING (BY OTHERS) TO BE MINIMUM 1/2" PLYWOOD OR EQUIVALENT IN STRENGTH FOR HOLDING POWER OF FASTENERS. (METAL CORRUGATED SHEATHING MAY BE USED IN LIEU OF PLYWOOD).
2. ALL FELT UNDERLAYMENT, CAULKING, AND FASTENERS, ARE ITEMS TO BE FURNISHED AND INSTALLED BY THE ROOFING INSTALLER AT THE DISCRETION OF THE ARCHITECT.



COUNTERFLASHING

ANGLE FLASHING



CONTINUOUS CLEAT

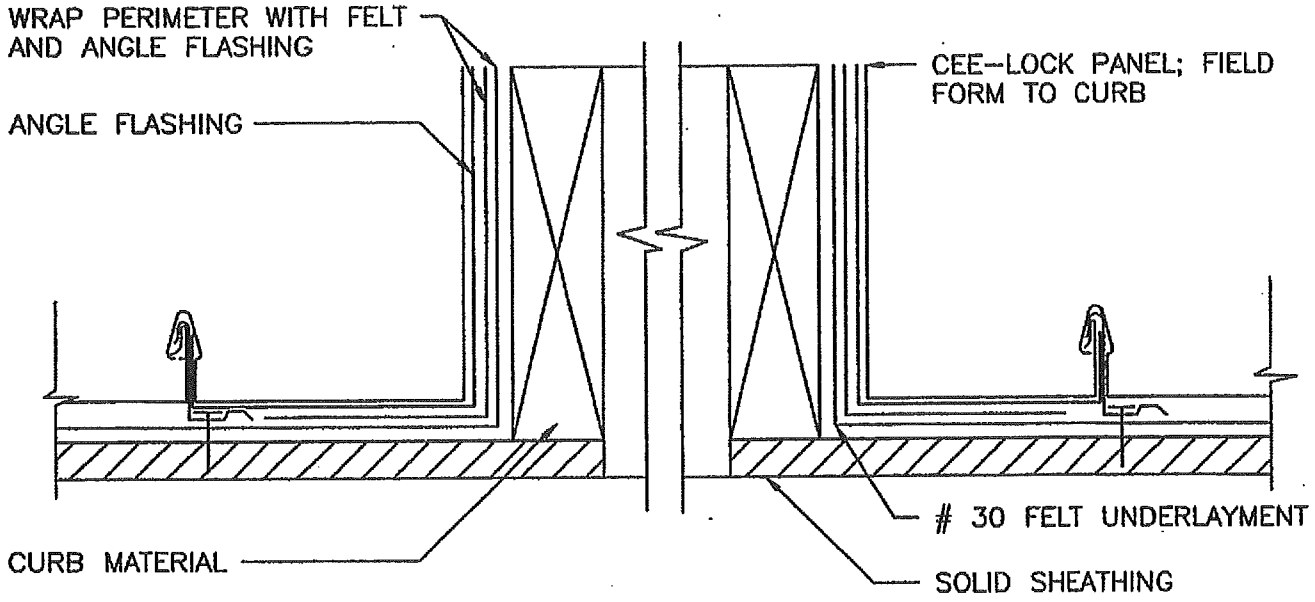
Berridge Manufacturing Company
Roofs of Distinction

SQUARE PENETRATION
SECTION A

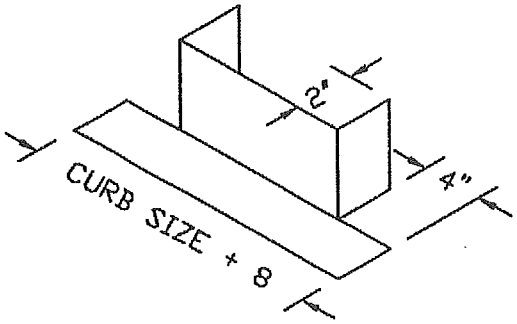
DATE: 08-22-05

CEE-LOCK PANEL

PAGE\FILE
CL-84

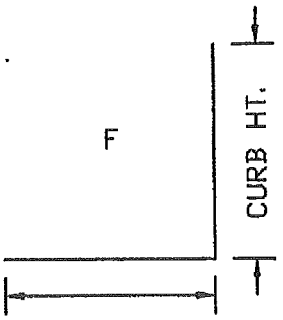


1. SOLID SHEATHING (BY OTHERS) TO BE MINIMUM 1/2" PLYWOOD OR EQUIVALENT IN STRENGTH FOR HOLDING POWER OF FASTENERS. (METAL CORRUGATED SHEATHING, MIN. 24 GA. MAY BE USED IN LIEU OF PLYWOOD).
2. ALL FELT UNDERLAYMENT, CAULKING, AND FASTENERS, ARE ITEMS TO BE FURNISHED



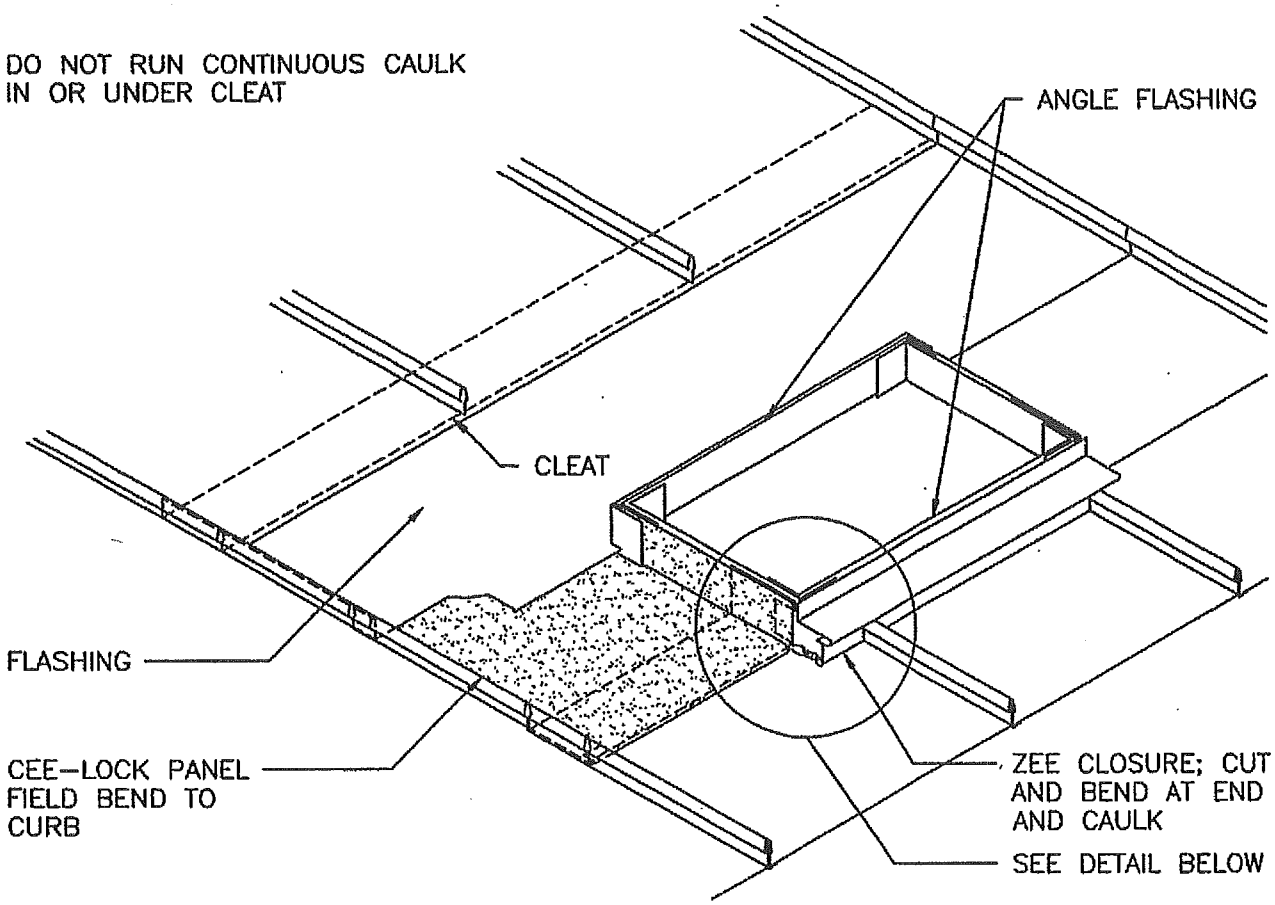
WRAP FLASHING

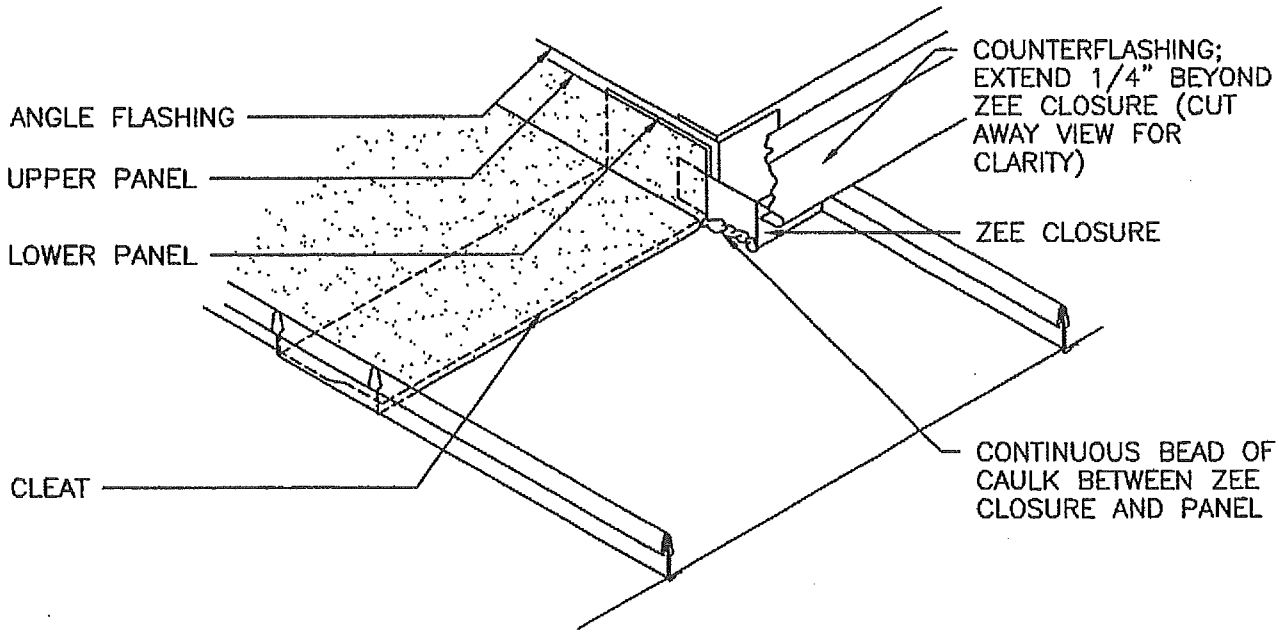
F = FINISH SIDE



ANGLE FLASHING

DATE: 01-31-01	SQUARE PENETRATION SECTION B	Berridge Manufacturing Company *Roofs of Distinction*
PAGE\FILE CL-85	CEE-LOCK PANEL	





Berridge Manufacturing Company

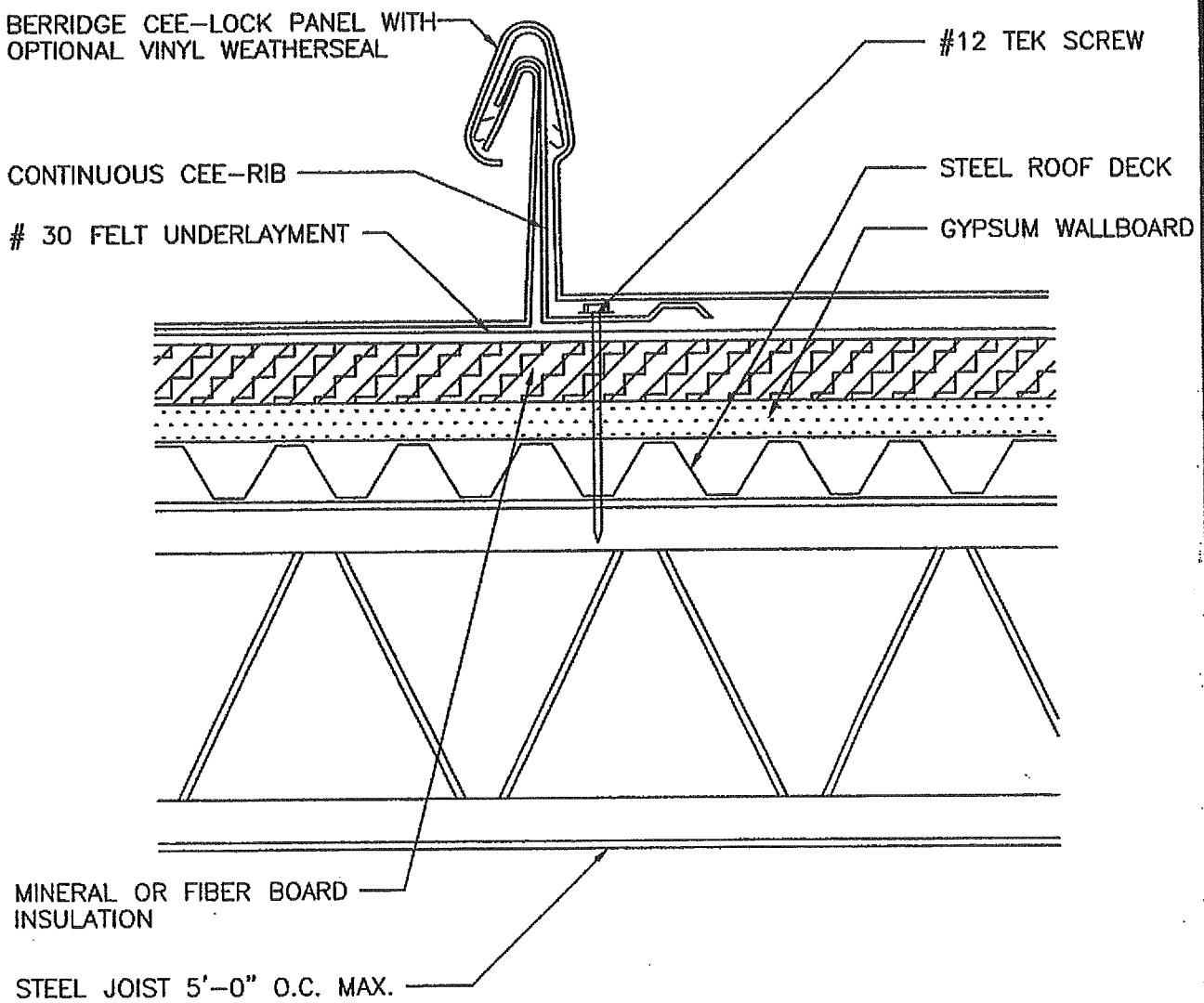
Roofs of Distinction

SQUARE PENETRATION
ISOMETRIC

DATE: 08–22–05

CEE-LOCK PANEL

PAGE\FILE
CL-86

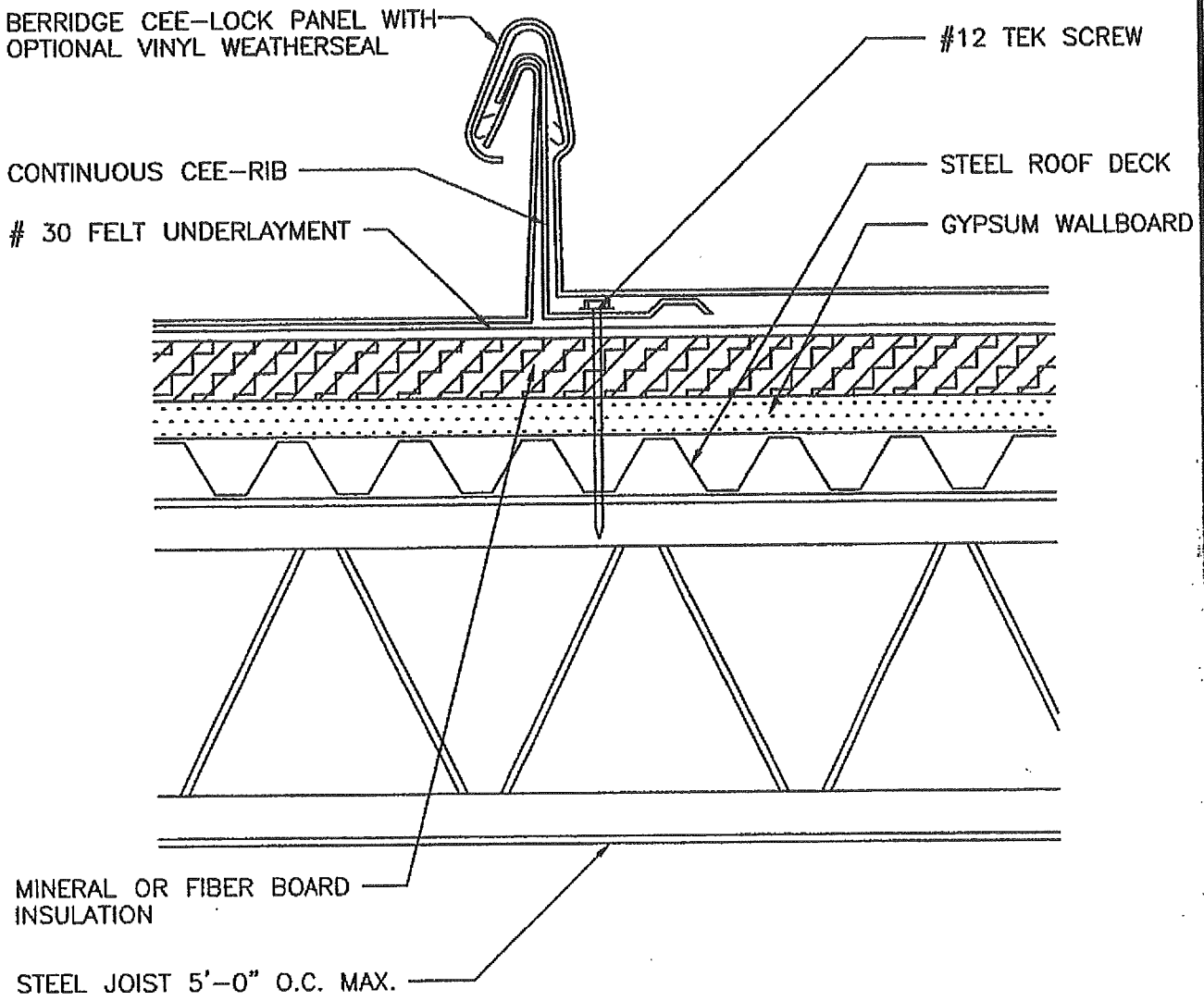


1. IN ORDER TO QUALIFY FOR A FIRE-RESISTANT RATING, THE ROOF SYSTEM CANNOT MAKE A PENETRATION IN THE INSULATION SYSTEM. THE CEE-LOCK PANEL, IN ORDER TO MAKE A POSITIVE ATTACHMENT, MUST BE ATTACHED TO THE STEEL DECK.

2. THIS ASSEMBLY QUALIFIES FOR THE FOLLOWING UL FIRE-RESISTANT ROOF ASSEMBLIES: UL DESIGN NO. P224, P225, P230, P237, P508, P510, 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.

Berridge Manufacturing Company *Roofs of Distinction*	UL FIRE RESISTANCE ROOF ASSEMBLY OPEN WEB STEEL JOIST	DATE: 08-22-05
	CEE-LOCK PANEL	PAGE\FILE CL-90

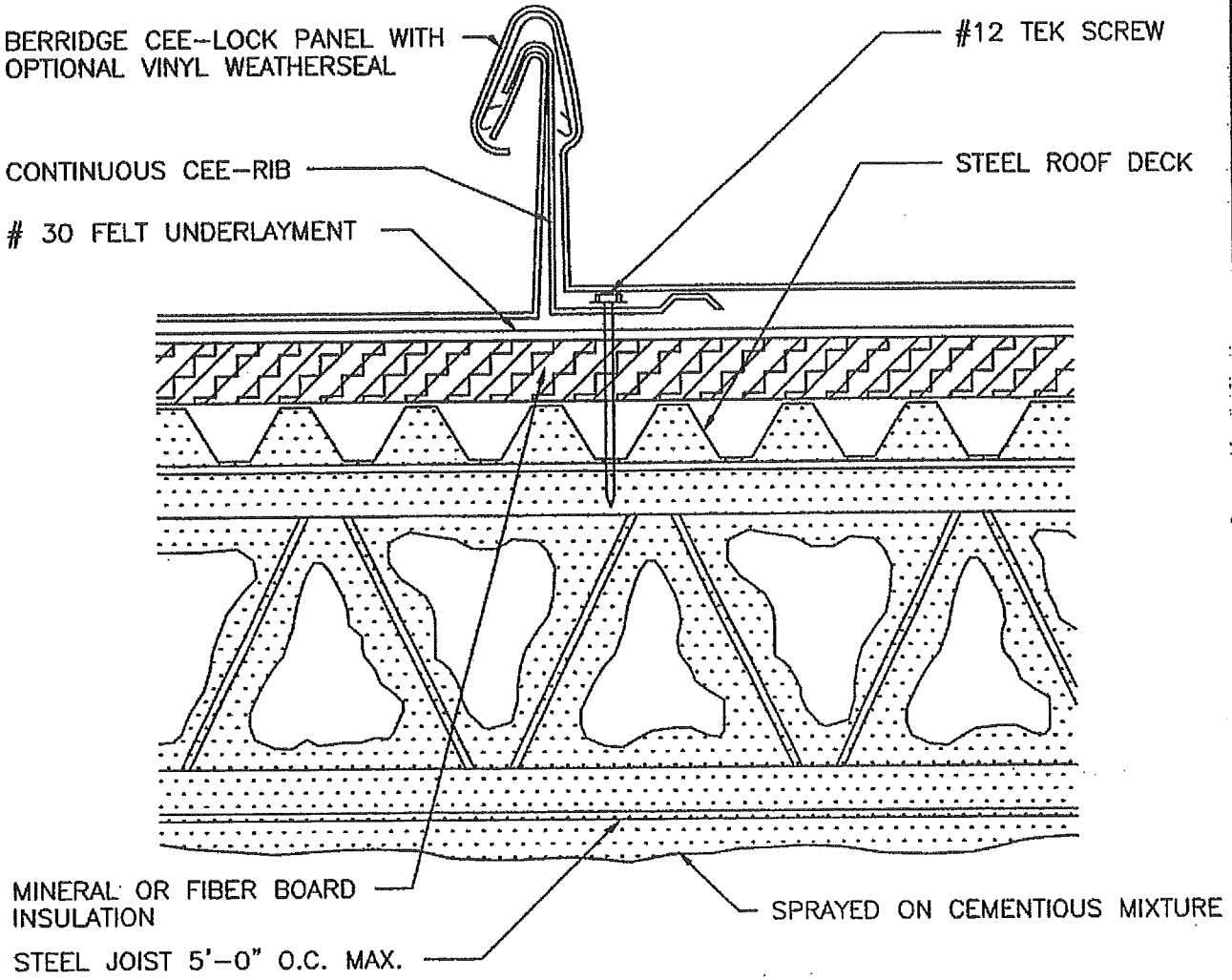


1. IN ORDER TO QUALIFY FOR A FIRE–RESISTANT RATING, THE ROOF SYSTEM CANNOT MAKE A PENETRATION IN THE INSULATION SYSTEM. THE CEE–LOCK PANEL, IN ORDER TO MAKE A POSITIVE ATTACHMENT, MUST BE ATTACHED TO THE STEEL DECK.

2. THIS ASSEMBLY QUALIFIES FOR THE FOLLOWING UL FIRE–RESISTANT ROOF ASSEMBLIES: UL DESIGN NO. P224, P225, P230, P237, P508, P510, 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.

Berridge Manufacturing Company *Roofs of Distinction*	UL FIRE RESISTANCE ROOF ASSEMBLY OPEN WEB STEEL JOIST	DATE: 08–22–05
	CEE-LOCK PANEL	PAGE\FILE CL-90



1. IN ORDER TO QUALIFY FOR A FIRE-RESISTANT RATING, THE ROOF SYSTEM CANNOT MAKE A PENETRATION IN THE INSULATION SYSTEM. THE CEE-LOCK PANEL, IN ORDER TO MAKE A POSITIVE ATTACHMENT, MUST BE ATTACHED TO THE STEEL DECK.

2. THIS ASSEMBLY QUALIFIES FOR THE FOLLOWING UL FIRE-RESISTANT ROOF ASSEMBLIES: UL DESIGN NO. P701, P711, P713, P715, P717, P814, P803, P815, P819, AND P821 ONLY USING SPRAYED ON FIBER IN LIEU OF CEMENTIOUS MIXTURE.

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

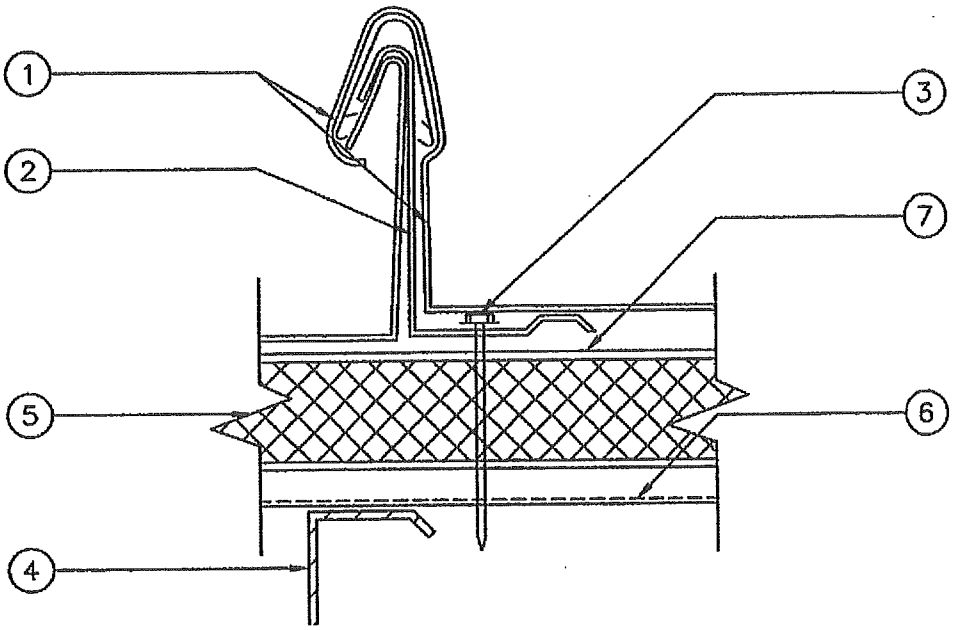
Berridge Manufacturing Company
Roofs of Distinction

UL FIRE RESISTANCE
ROOF ASSEMBLY
OPEN WEB STEEL JOIST WITH CEMENTIOUS THERMAL BARRIER

DATE: 08-22-05

CEE-LOCK PANEL

PAGE\FILE
CL-92



1. BERRIDGE CEE–LOCK PANEL * NO. 24 MSG (MIN. YIELD STRENGTH 40,000 PSI) THICKNESS COATED STEEL, 16 1/2 IN. WIDE 1 1/2 IN. HIGH. PANEL (NON–STRUCTURAL VINYL WEATHER SEAL OPTIONAL IN SEAM) CONTINUOUS OVER TWO OR MORE SPANS WITHOUT LAPS.
   BERRIDGE MANUFACTURING CO. – CEE–LOCK PANEL

2. BERRIDGE CEE–RIB (CONTINUOUS) – ONE PIECE ASSEMBLY FABRICATED FROM NO. 24 MSG (MIN. YIELD STRENGTH 40,000 PSI) COATED STEEL. CEE–RIB LOCATED AT EACH PANEL SIDE LAPS CONTINUOUS AND EQUAL TO LENGTH OF "METAL ROOF DECK PANELS" (ITEM ONE)
   BERRIDGE MANUFACTURING CO. – CEE–RIB

3. FASTENERS (SCREWS) – FOR ATTACHING "CEE–RIB" (ITEM TWO) TO LINER (ITEM 6) USE NO. 12 SELF DRILLING, SELF TAPPING STEEL SCREWS, ONE FASTENER AT 24 IN. O.C.

4. PURLINS – NO. 16 MSG MINIMUM STEEL (MIN. YIELD STRENGTH 50,000 PSI) 4'–0" MAXIMUM SPACING.

5. INSULATION – 4" RIGID INSULATION BOARD.

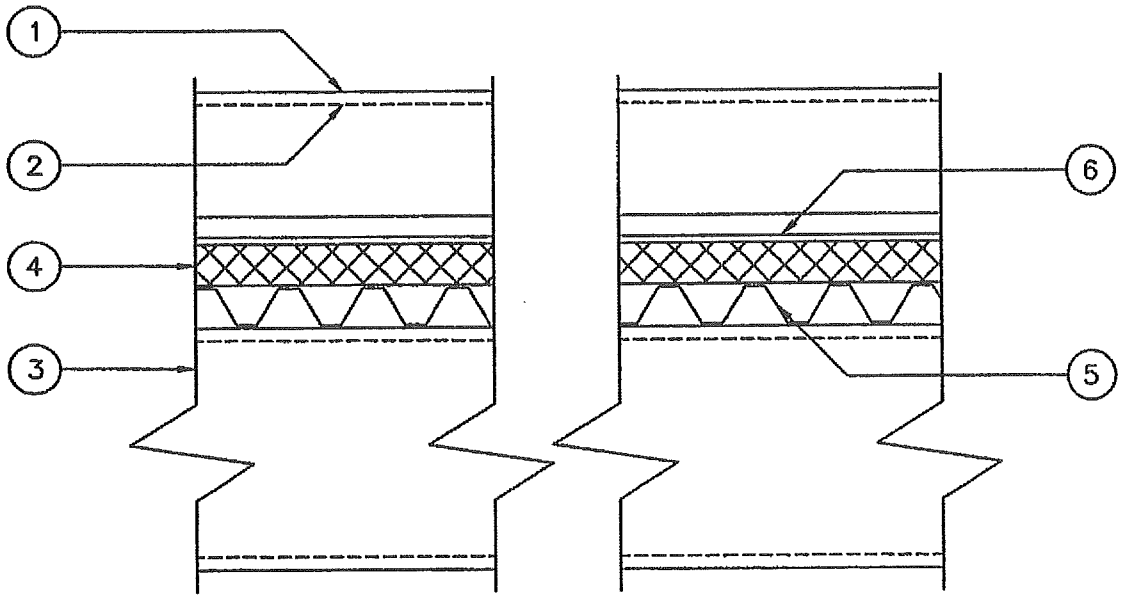
6. TYPE "F" LINER – NO. 22 MSG (MIN. YIELD STRENGTH 33,000 PSI) STEEL, CORRUGATED LINER.

7. # 30 FELT UNDERLAYMENT.

8. LATERAL BRACING – (NOT SHOWN) REFER TO GENERAL INFORMATION, ROOF DECK CONSTRUCTION (BUILDING MATERIAL DIRECTORY), FOR ITEMS NOT EVALUATED.

* BEARING THE UL CLASSIFICATION MARKING.

DATE: 08–22–05	UL 90 APPROVED ASSEMBLY CEE–LOCK PANEL WITH CONTINUOS CEE–RIB AND 4" RIGID INSULATION BOARD OVER TYPE "F" 22 GA. CORRUGATED LINER AND 16 GA. PURLINS SPACED @ 4'–0" O.C. CONSTRUCTION NO. 381	Berridge Manufacturing Company *Roofs of Distinction*
PAGE\FILE CL-93	CEE-LOCK PANEL	



1. BERRIDGE CEE–LOCK PANEL * NO. 24 MSG (MIN. YIELD STRENGTH 40,000 PSI) THICKNESS COATED STEEL, 16 1/2 IN. WIDE 1 1/2 IN. HIGH. PANEL (NON–STRUCTURAL VINYL WEATHER SEAL OPTIONAL IN SEAM) CONTINUOUS OVER TWO OR MORE SPANS WITHOUT LAPS.
   BERRIDGE MANUFACTURING CO. – CEE–LOCK PANEL

2. BERRIDGE CEE–RIB (CONTINUOUS) – ONE PIECE ASSEMBLY FABRICATED FROM NO. 24 MSG (MIN. YIELD STRENGTH 40,000 PSI) COATED STEEL. CEE–RIB LOCATED AT EACH PANEL SIDE LAPS CONTINUOUS AND EQUAL TO LENGTH OF "METAL ROOF DECK PANEL" (ITEM ONE)
   BERRIDGE MANUFACTURING CO. – CEE–RIB

3. PURLINS – NO. 16 MSG MINIMUM STEEL (MIN. YIELD STRENGTH 50,000 PSI) 4'–0" MAXIMUM SPACING.

4. INSULATION – 4" RIGID INSULATION BOARD.

5. TYPE "F" LINER – NO. 22 MSG (MIN. YIELD STRENGTH 33,000 PSI) STEEL, CORRUGATED LINER.

6. # 30 FELT UNDERLAYMENT.

7. LATERAL BRACING – (NOT SHOWN) REFER TO GENERAL INFORMATION, ROOF DECK CONSTRUCTION (BUILDING MATERIAL DIRECTORY), FOR ITEMS NOT EVALUATED.

* BEARING THE UL CLASSIFICATION MARKING.

Berridge Manufacturing Company
Roofs of Distinction

UL 90 APPROVED ASSEMBLY
CEE–LOCK PANEL WITH CONTINUOUS CEE–RIB AND 4" RIGID INSULATION BOARD OVER TYPE "F" 22 GA. CORRUGATED LINER AND 16 GA. PURLINS SPACED @ 4'–0" O.C.
CONSTRUCTION NO. 381

CEE-LOCK PANEL

DATE: 08–22–05

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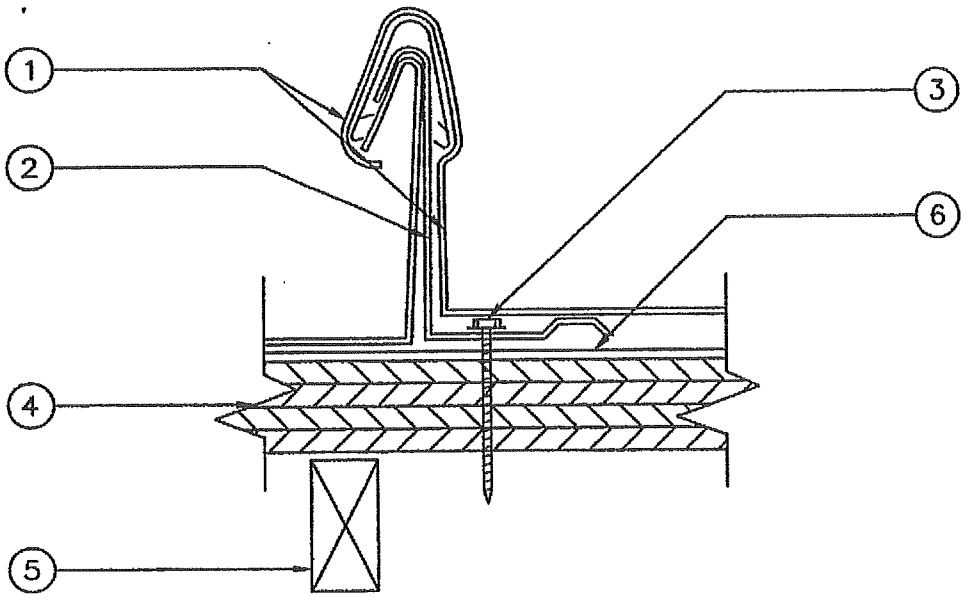
CL-94



1. BERRIDGE CEE–LOCK PANEL * NO. 24 MSG (MIN. YIELD STRENGTH 40,000 PSI) THICKNESS COATED STEEL, 16 1/2 IN. WIDE 1 1/2 IN. HIGH. PANEL (NON–STRUCTURAL VINYL WEATHER SEAL OPTIONAL IN SEAM)
   BERRIDGE MANUFACTURING CO. – CEE–LOCK PANEL

2. BERRIDGE CEE–CLIP (PANEL CLIP) – ONE PIECE ASSEMBLY FABRICATED FROM NO. 24 MSG (MIN. YIELD STRENGTH 40,000 PSI) COATED STEEL. CEE–CLIP LOCATED AT EACH PANEL SIDE LAPS BEING PLACED AT 3'–0" O.C. MAXIMUM.
   BERRIDGE MANUFACTURING CO. – CEE–CLIP

3. FASTENERS (SCREWS) – FOR ATTACHING "CEE–CLIP" (ITEM TWO) TO DECK USE NO. 10 PANCAKE HEAD TEKS STEEL SCREWS, TWO FASTENER PER "CEE–CLIP".

4. DECK – 5/8" APA 40/20 PLYWOOD.

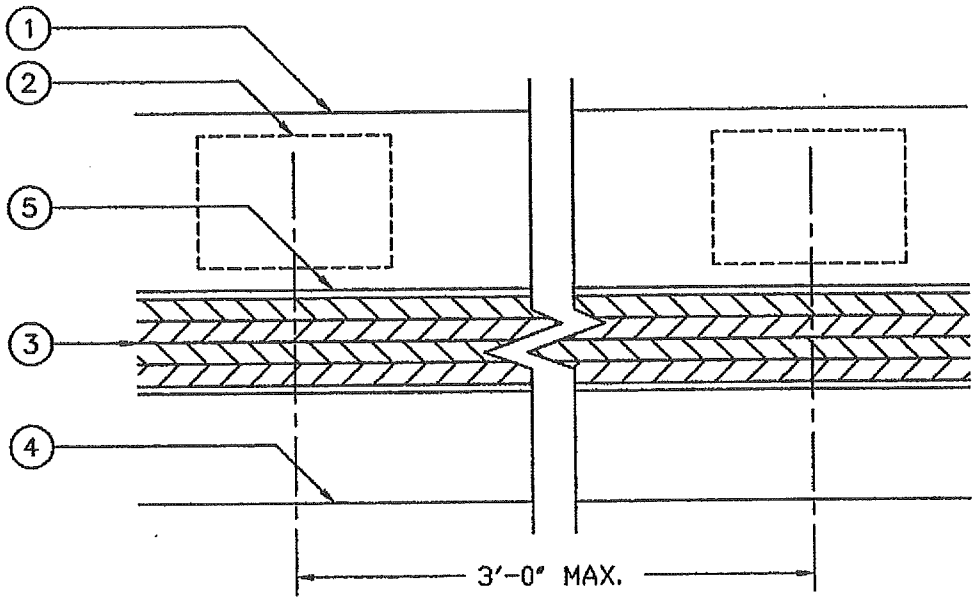
5. JOIST – 2" X 4" AT 2'–0" O.C. MAXIMUM WITH #12 X 2" PAN HEAD WOOD SCREW AT 12" O.C. MAX. AT PLYWOOD TO JOIST CONNECTION AND AT PLYWOOD ENDS.

6. # 30 FELT UNDERLAYMENT.

7. LATERAL BRACING – (NOT SHOWN) REFER TO GENERAL INFORMATION, ROOF DECK CONSTRUCTION (BUILDING MATERIAL DIRECTORY), FOR ITEMS NOT EVALUATED.

* BEARING THE UL CLASSIFICATION MARKING.

DATE: 08–22–05	UL 90 APPROVED ASSEMBLY CONSTRUCTION NO. 404	Berridge Manufacturing Company Roofs of Distinction
PAGE\FILE CL-95	CEE-LOCK PANEL	



1. BERRIDGE CEE-LOCK PANEL * NO. 24 MSG (MIN. YIELD STRENGTH 40,000 PSI) THICKNESS COATED STEEL, 16 1/2 IN. WIDE 1 1/2 IN. HIGH. PANEL (NON-STRUCTURAL VINYL WEATHER SEAL OPTIONAL IN SEAM) CONTINUOUS OVER TWO OR MORE SPANS WITHOUT LAPS.
   BERRIDGE MANUFACTURING CO. – CEE-LOCK PANEL

2. BERRIDGE CEE-CLIP (PANEL CLIP) – ONE PIECE ASSEMBLY FABRICATED FROM NO. 24 MSG (MIN. YIELD STRENGTH 40,000 PSI) COATED STEEL. CEE-CLIP LOCATED AT EACH PANEL SIDE LAPS BEING PLACED AT 3'-0" O.C. MAXIMUM.
   BERRIDGE MANUFACTURING CO. – CEE-CLIP

3. DECK – 5/8" APA 40/20 PLYWOOD.

4. JOIST – 2" X 4" AT 2'-0" O.C. MAXIMUM WITH #12 X 2" PAN HEAD WOOD SCREW AT 12" O.C. MAX. AT PLYWOOD TO JOIST CONNECTION AND AT PLYWOOD ENDS.

5. # 30 FELT UNDERLAYMENT.

6. LATERAL BRACING – (NOT SHOWN) REFER TO GENERAL INFORMATION, ROOF DECK CONSTRUCTION (BUILDING MATERIAL DIRECTORY), FOR ITEMS NOT EVALUATED.

* BEARING THE UL CLASSIFICATION MARKING.

Berridge Manufacturing Company *Roofs of Distinction*	UL 90 APPROVED ASSEMBLY CONSTRUCTION NO. 404	DATE: 08-22-05
	CEE-LOCK PANEL	PAGE\FILE CL-96