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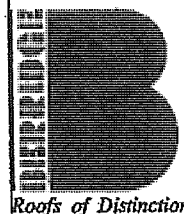
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# CEE-LOCK PANEL



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- 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.

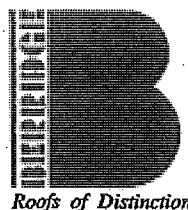
- E. SOLID SHEATHING REQUIREMENTS: BERRIDGE MANUFACTURING COMPANY RECOMMENDS THE USE OF EITHER BERRIDGE 24 GA. CORRUGATED SHEATHING (NOMINAL 2 1/2" PITCH x 11/16" DEPTH) OR A MINIMUM OF 1/2" PLYWOOD SHEATHING TO PROVIDE SUFFICIENT HOLDING POWER FOR FASTENERS. CONTACT BERRIDGE MANUFACTURING'S ENGINEERING 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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## INSTALLATION INSTRUCTIONS

# CEE-LOCK PANEL

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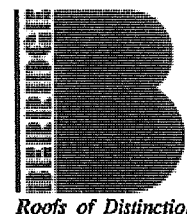
5. ALL CUTS AT PENETRATIONS SHOULD BE TIGHT, WITHOUT GAPS.
  6. USE WOOD-FRAMED CRICKETS AT LARGE PENETRATIONS.
  7. MAKE SURE SUBSTRATE JOINTS ARE TIGHT AT ALL HIPPS, VALLEYS, AND RIDGES.
- G. INSTALLATION OVER OPEN FRAMING:
- CONSULT BERRIDGE MANUFACTURING'S ENGINEERING DEPARTMENT.
- H. FASCIA/RAKE 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.

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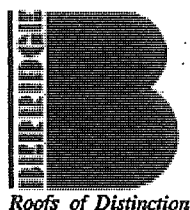
## INSTALLATION INSTRUCTIONS

# CEE-LOCK PANEL



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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.



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## INSTALLATION INSTRUCTIONS

# CEE-LOCK PANEL

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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.

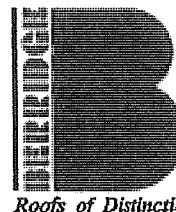
\*\*CONSULT BERRIDGE MANUFACTURING'S ENGINEERING DEPARTMENT REGARDING FASTENER SPACING TO MEET DESIGN CRITERIA, AND THE USE OF ANY OTHER TYPE OF FASTENER.

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## INSTALLATION INSTRUCTIONS

# CEE-LOCK PANEL



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*Roofs of Distinction*

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).

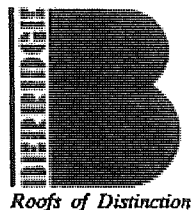
U. SEALANT RECOMMENDATIONS: TREMCO, INC. SPECTREM 1 SILICONE SEALANT.  
DO NOT USE CLEAR CAULK.

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.



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## INSTALLATION INSTRUCTIONS

# CEE-LOCK PANEL

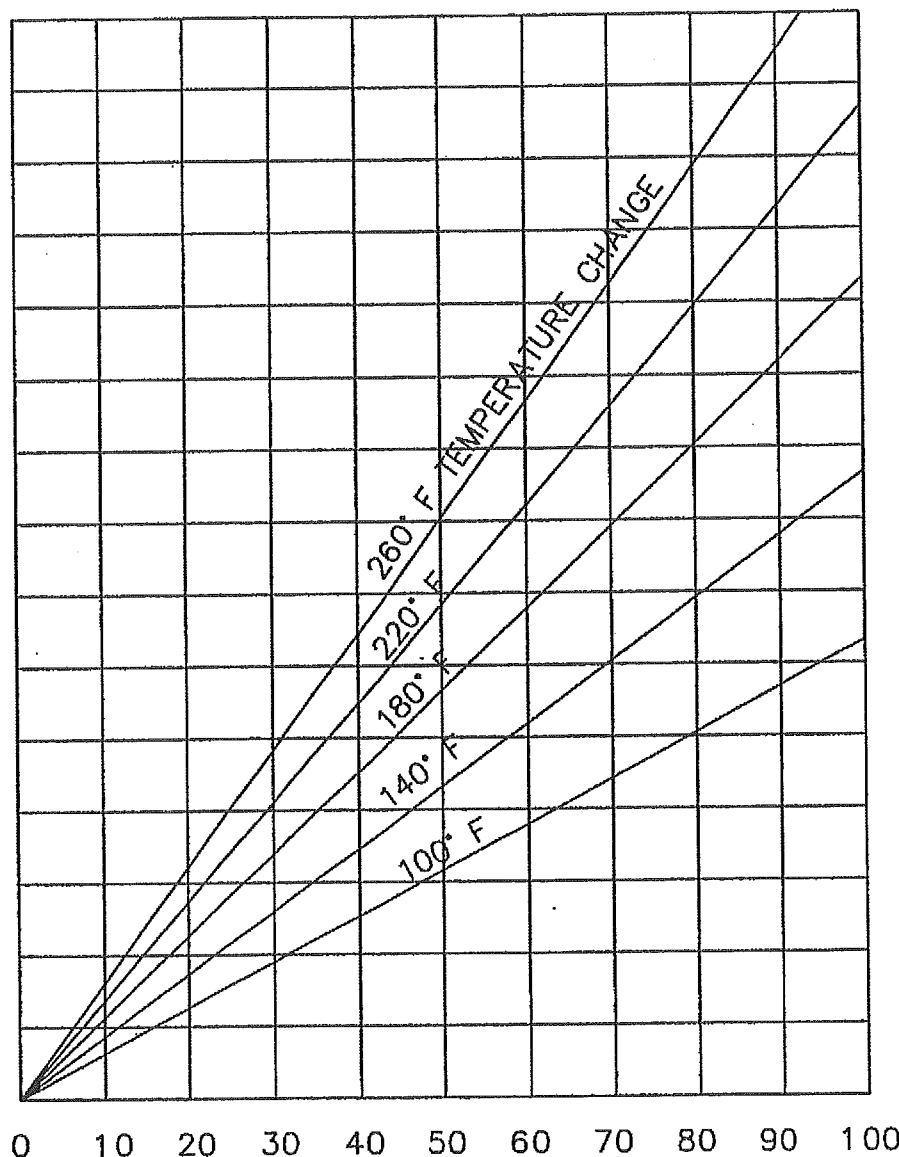
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TOTAL MOVEMENT - INCHES - FOR STEEL PANELS

1 3/4  
1 5/8  
1 1/2  
1 3/8  
1 1/4  
1 1/8  
1  
7/8  
3/4  
5/8  
1/2  
3/8  
1/4  
1/8

1 3/4  
1 5/8  
1 1/2  
1 3/8  
1 1/4  
1 1/8  
1  
7/8  
3/4  
5/8  
1/2  
3/8  
1/4  
1/8



DISTANCE FROM FIXED POINT IN FEET

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.

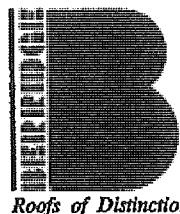
MAXIMUM TEMPERATURE SHOULD BE NO LOWER THAN 140° F FOR WHITE PANELS, UP TO 180° F FOR DARK PAINTED PANELS, REGARDLESS OF AMBIENT MAXIMUM. MINIMUM SHOULD BE FIGURED WELL BELOW AMBIENT MINIMUM TO ALLOW FOR RADIATION TO NIGHT SKY. IN ANY CASE, A MINIMUM OF 100° F DIFFERENTIAL IS RECOMMENDED.

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INSTALLATION INSTRUCTIONS  
NOMINAL LINEAR EXPANSION

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CEE-LOCK PANEL



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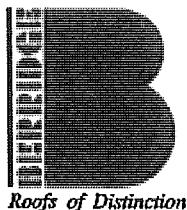
Roofs of Distinction



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.



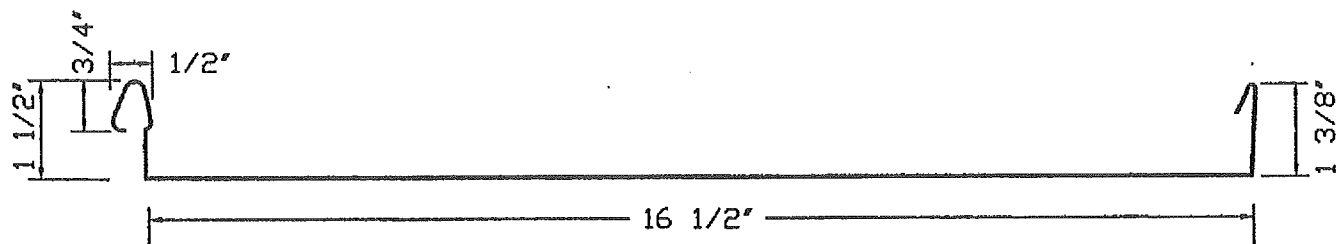
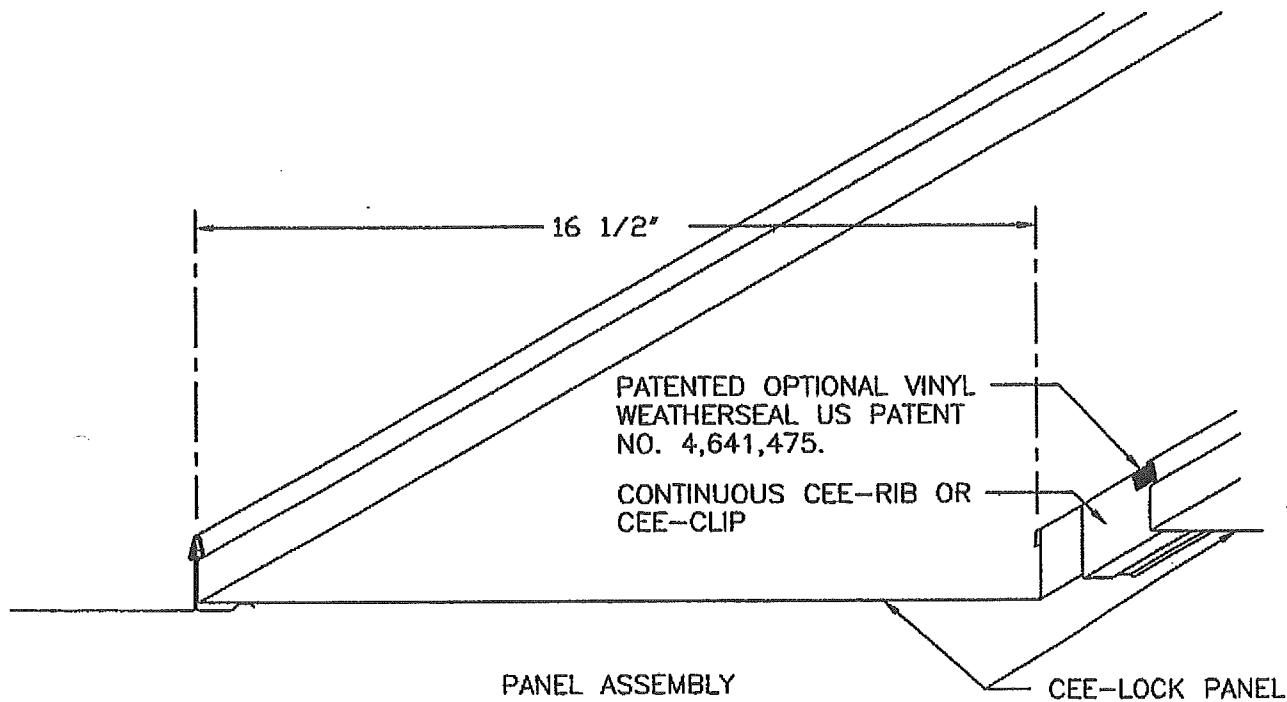
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INTRODUCTION TO  
TYPICAL DETAILS

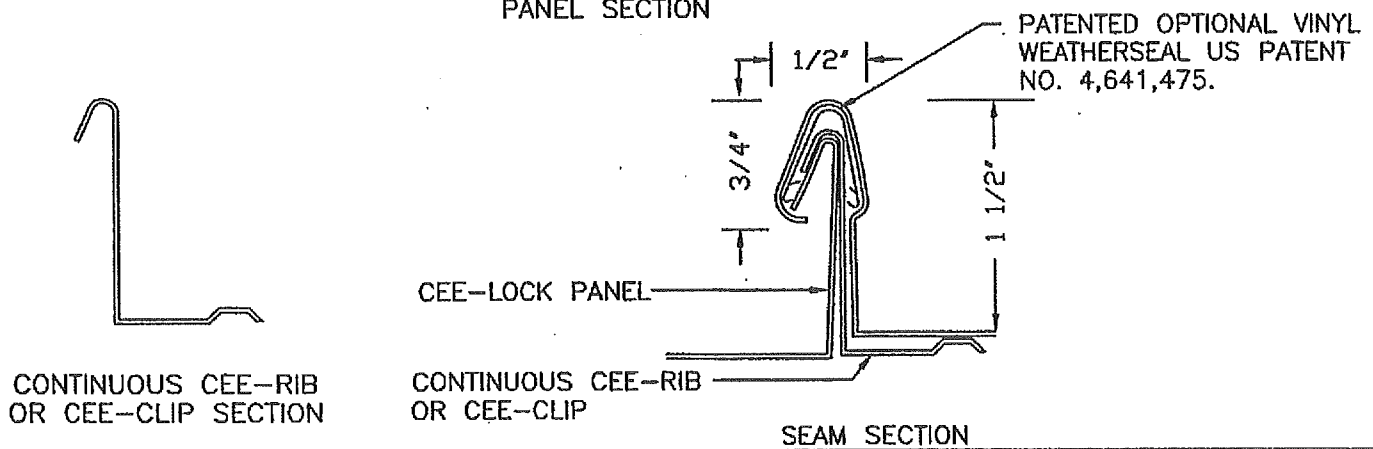
**CEE-LOCK PANEL**

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PANEL SECTION

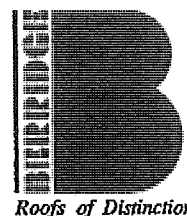


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PANEL OVERVIEW

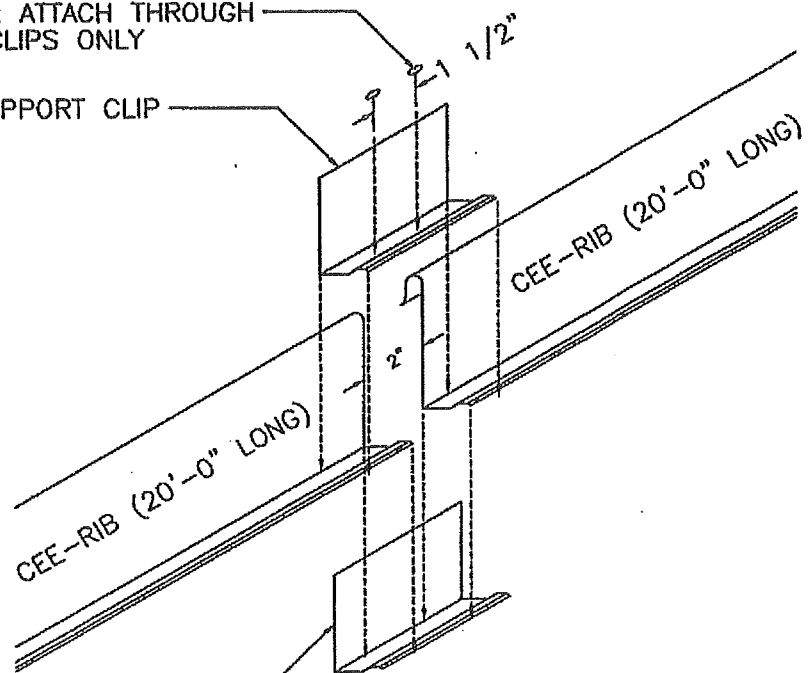
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CEE-LOCK PANEL



FASTENERS; ATTACH THROUGH  
SUPPORT CLIPS ONLY

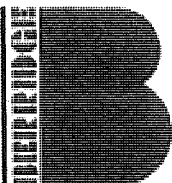
TOP SUPPORT CLIP



BOTTOM SUPPORT CLIP

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

NOT TO SCALE



*Roofs of Distinction*

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CEE-RIB  
EXPANSION JOINT

**CEE-LOCK PANEL**

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BERRIDGE CEE-LOCK PANEL

CONTINUOUS CEE-RIB WITH 2 FASTENERS AT EVERY PURLIN OR  
CEE-LOCK CLIP AT EVERY PURLIN WITH 2 FASTENERS PER CLIP

# 30 FELT UNDERLAYMENT

CONTINUOUS ZEE PURLIN

INSULATING MATERIAL

CORRUGATED METAL DECK

STRUCTURAL MEMBER

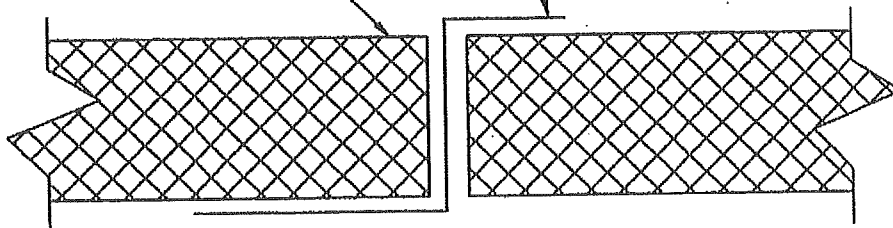
SEE PURLIN DETAIL BELOW

SEE NOTE NO. 3

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.

ZEE PURLIN, MINIMUM 24 GAUGE STEEL, DEPTH  
DETERMINED BY INSULATION DEPTH AND LEGS  
DETERMINED BY PITCH OF METAL DECK

BUTT INSULATION UP TO PURLIN

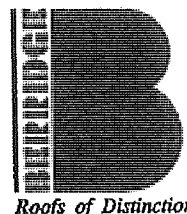


DATE: 05-01-97

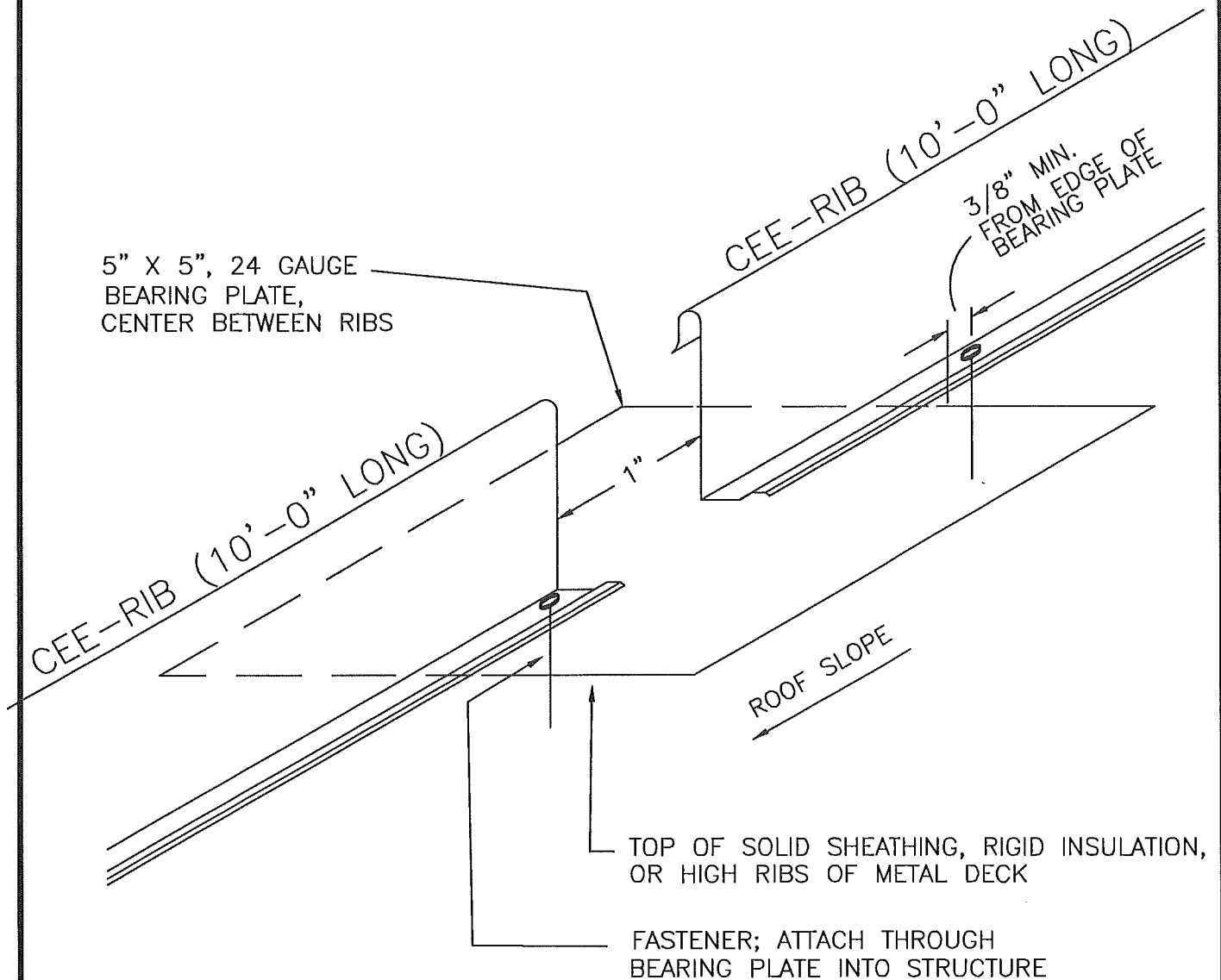
INSULATED DECK  
DETAIL

PAGE\FILE  
CL-5

CEE-LOCK PANEL



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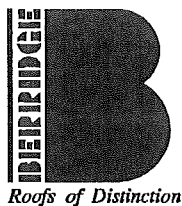


1. ONLY FOR USE WITH 10'-0" CEE RIB, SEE ALTERNATE DETAIL  
CL-4 FOR CEE RIB LONGER THAN 10 FEET.

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

3. CONSULT BERRIDGE MANUFACTURING FOR FASTENER SPACING.

NOT TO SCALE



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10'-0" CEE-RIB SPLICE  
BEARING PLATE DETAIL  
**CEE-LOCK PANEL**

DATE: 11-6-09

PAGE\FILE  
CL-6

BERRIDGE CEE-LOCK PANEL  
 CONTINUOUS CEE-RIB WITH 2  
 FASTENERS AT EVERY 36" O.C. OR  
 CEE-LOCK CLIPS AT 36" O.C. WITH 2 AT EAVE

SNIP SEAM AND FIELD  
 FORM PANEL PAN AROUND  
 EAVE FLASHING

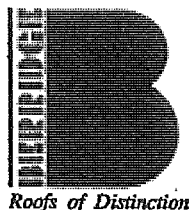
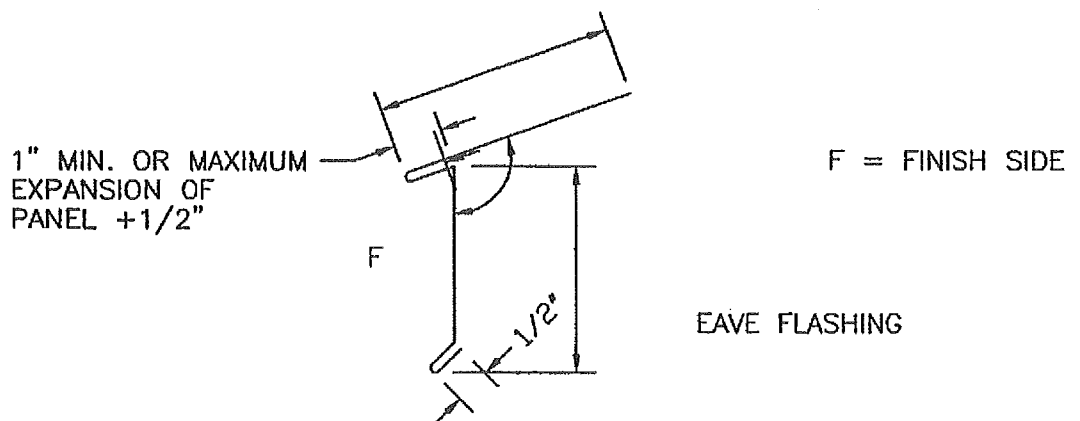
GAP; SEE NOTE 3  
 BELOW

MAX. EXPANSION OF  
 PANEL  $+1\frac{1}{2}"$

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

FASTENERS; 20" O.C. MAX.  
 # 30 FELT UNDERLAYMENT  
 SOLID SHEATHING

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  $1\frac{1}{2}"$  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  $1\frac{1}{2}"$  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.



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EAVE DETAIL  
 PANEL TURNDOWN

**CEE-LOCK PANEL**

DATE: 05-01-97

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 CL-10

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

BERRIDGE CEE-LOCK PANEL

CEE-LOCK CLIP; 36"  
O.C. MAX. OR  
CONTINUOUS CEE-RIB

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

ZEE CLOSURE CUT TO FIT  
BETWEEN SEAMS,  
USE CL-23 AT RIDGE

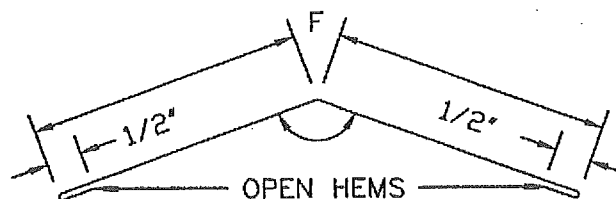
# 30 FELT UNDERLAYMENT

SOLID SHEATHING

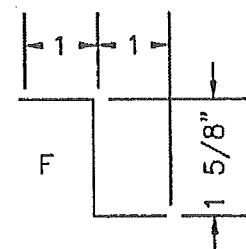
FASTENERS; 3 PER ZEE, MIN.

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.

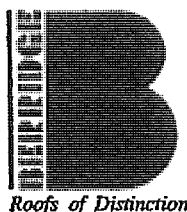
F = FINISH SIDE



RIDGE/HIP CAP



ZEE CLOSURE



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RIDGE/HIP DETAIL

**CEE-LOCK PANEL**

DATE: 08-22-05

PAGE \ FILE  
CL-20

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

CONTINUOUS CEE-RIB WITH 2 FASTENERS  
36" O.C. OR CEE-LOCK CLIPS 36"  
O.C. WITH 2 FASTENERS PER CLIP

ZEE CLOSURE  
SEE DETAIL CL-23

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

SOLID SHEATHING

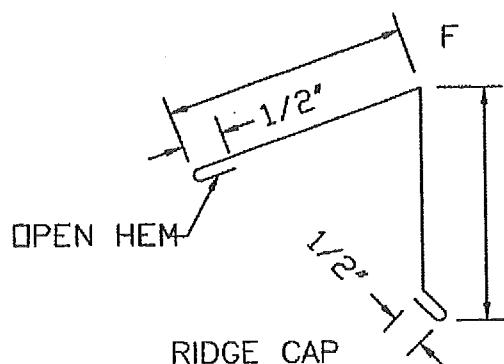
BERRIDGE CEE-LOCK  
PANEL

FASTENERS; MIN.  
3 PER ZEE CLOSURE

# 30 FELT  
UNDERLAYMENT LAP  
OVER RIDGE

FASTENERS; 40" O.C.  
CAULK FASTENER  
HEADS

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.



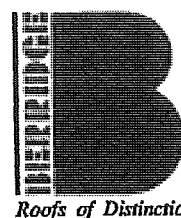
F = FINISH SIDE

DATE: 08-22-05

SHED ROOF RIDGE CAP

PAGE\FILE  
CL-21

CEE-LOCK PANEL



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Roofs of Distinction



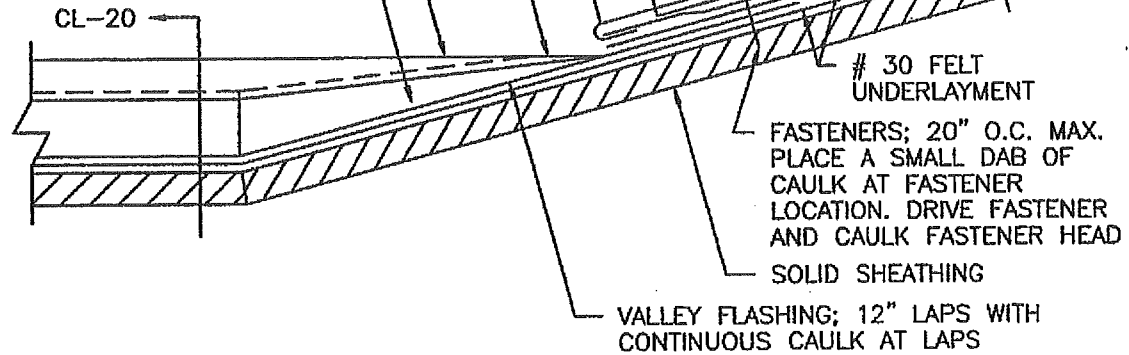
## SECTION VIEW

FIELD FORM END OF RIDGE FLASHING  
AND EXTEND UNDER CLEAT

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

FIELD TAPERED ZEE CLOSURE  
WITH CONTINUOUS CAULK  
UNDER ZEE CLOSURE

CONTINUOUS CEE-RIB WITH  
2 FASTENERS 36" O.C. OR  
CEE-CLIP 36" O.C. WITH  
2 FASTENERS PER CLIP  
AND 2 CLIPS AT END OF PANEL



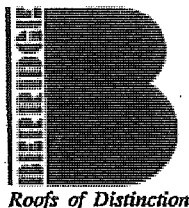
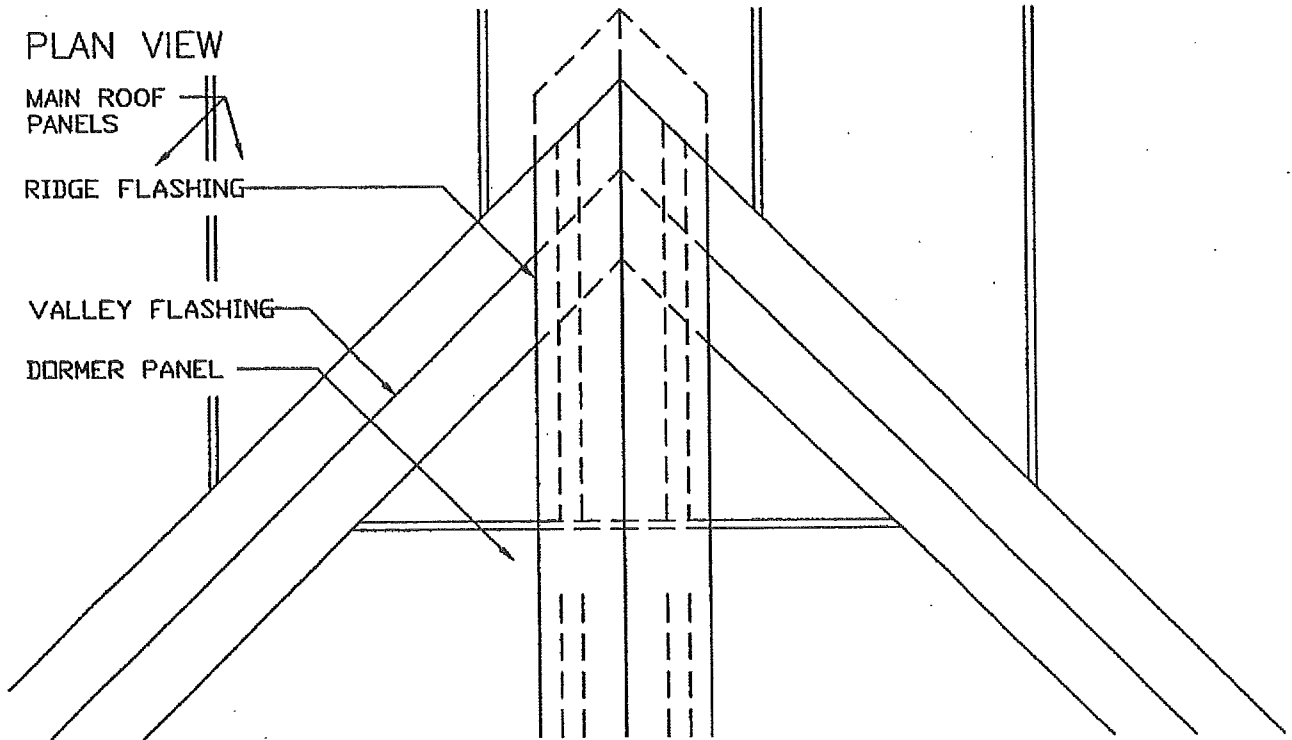
## PLAN VIEW

MAIN ROOF  
PANELS

RIDGE FLASHING

VALLEY FLASHING

DORMER PANEL



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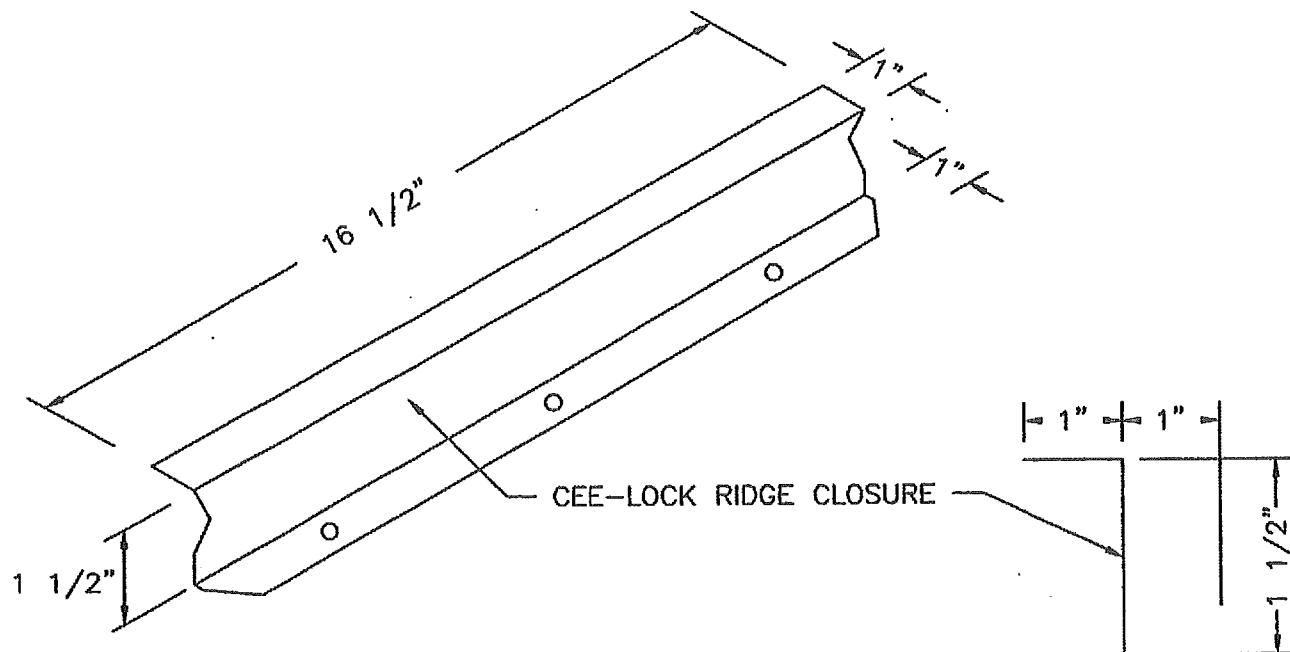
RIDGE TERMINATION  
AT DORMER VALLEY

**CEE-LOCK PANEL**

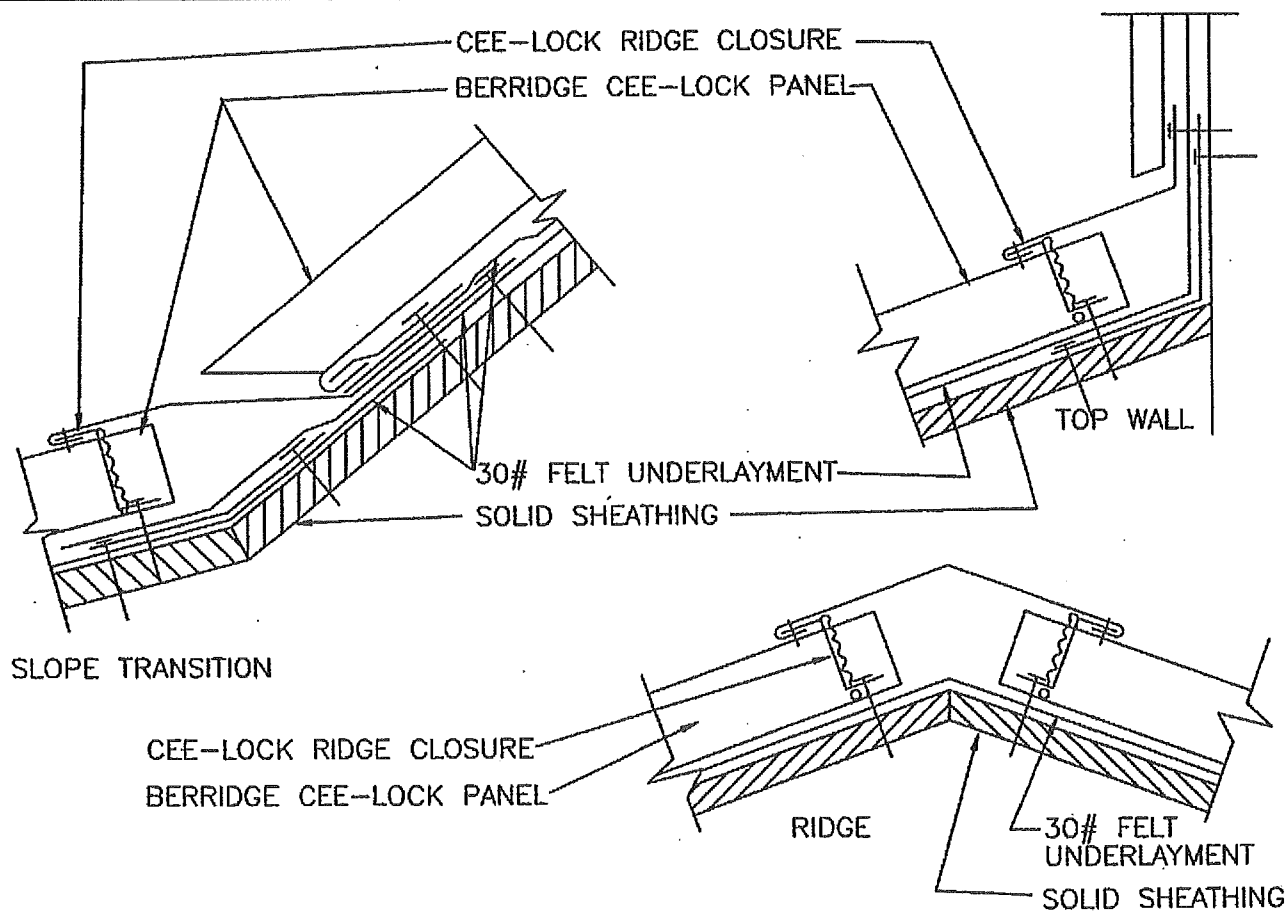
DATE: 08-22-05

PAGE\FILE

CL-22



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



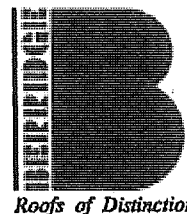
DATE: 08-22-05

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CL-23

CEE-LOCK  
RIDGE CLOSURE

CEE-LOCK PANEL



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Roofs of Distinction

EXTRUDED VINYL WEATHERSEAL  
(OPTIONAL) US PATENT NO. 4,641,475.

BERRIDGE CEE-LOCK PANEL

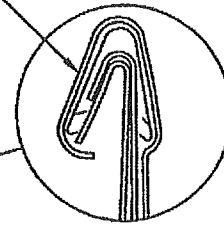
CONTINUOUS CEE-RIB WITH 2  
FASTENERS 36" O.C. OR CEE-LOCK  
CLIPS 36" O.C. WITH 2 FASTENERS  
PER CLIP

TOP LAYER OF FELT TO BE  
PARALLEL WITH ROOF SLOPE

FIELD CUT PANEL  
AND FORM AROUND  
DRIP FLASHING.  
PANEL TO BE  
CONTINUOUS FROM  
EAVE TO RIDGE

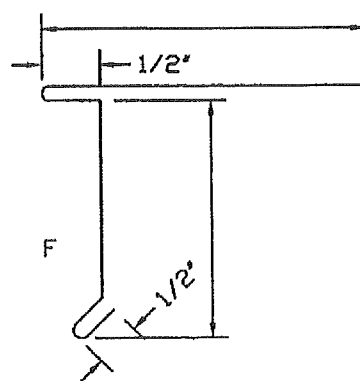
1/2"

DRIP FLASHING; 4"  
END LAPS WITH  
CONTINUOUS CAULK  
AT LAPS.



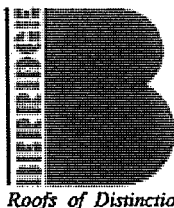
# 30 FELT UNDERLAYMENT  
FASTENERS; 20" O.C. MAX.  
CONTINUOUS BEAD OF CAULK  
SOLID SHEATHING

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



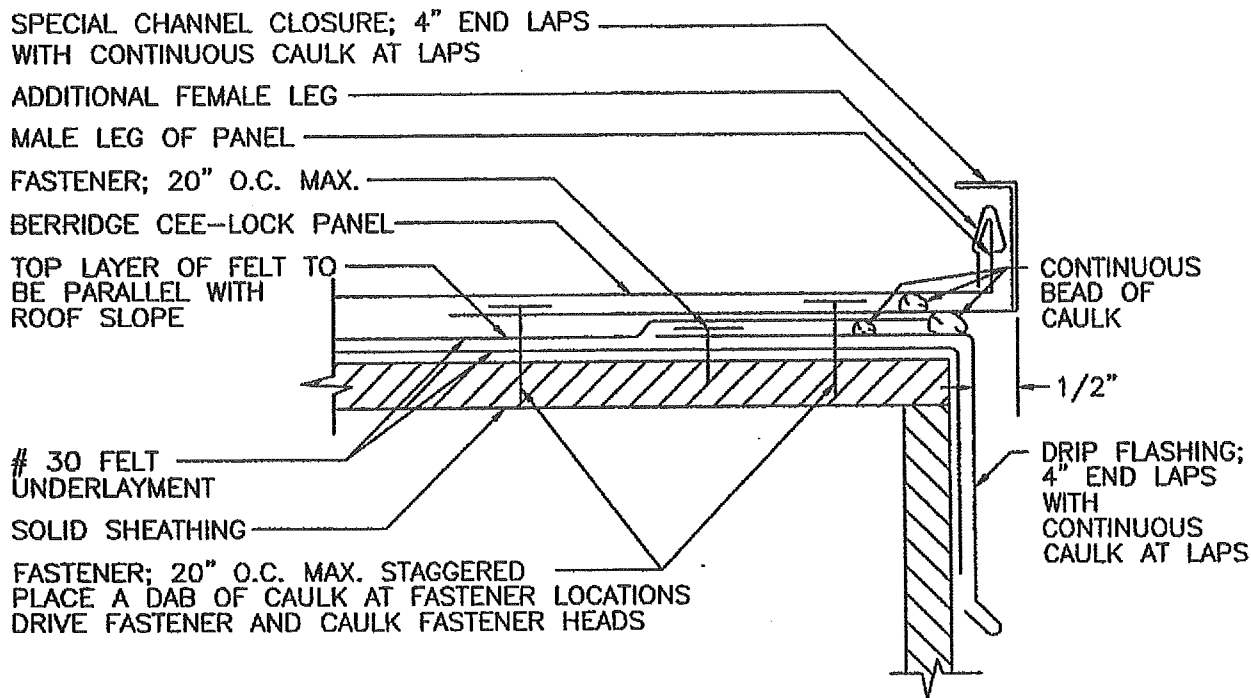
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GABLE DETAIL  
PANEL TURNDOWN

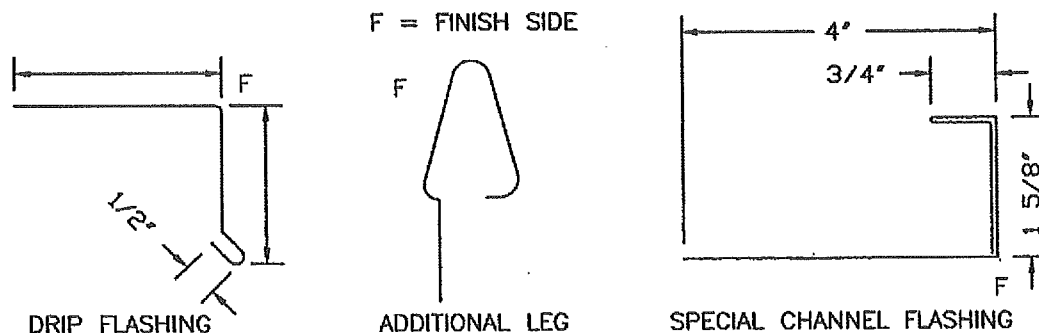
CEE-LOCK PANEL

DATE: 08-22-05

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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.

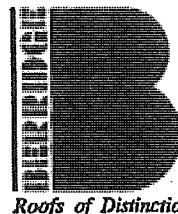


DATE: 08-22-05

GABLE DETAIL  
CHANNEL CLOSURE  
ADDITIONAL LEG

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**CEE-LOCK PANEL**



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*Roofs of Distinction*

SPECIAL CHANNEL CLOSURE; 4" END LAPS WITH CONTINUOUS CAULK AT LAPS.

CONTINUOUS BEAD OF CAULK.

DRIP FLASHING; 4" END LAPS WITH CONTINUOUS CAULK AT LAPS.

1/2"

BERRIDGE CEE-LOCK PANEL

# 30 FELT UNDERLAYMENT

FASTENERS; 20" O.C. MAX.

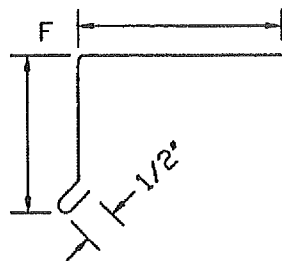
TOP LAYER OF FELT TO BE PARALLEL WITH ROOF SLOPE

FASTENERS; 20" O.C. MAX. STAGGERED PLACE A DAB OF CAULK AT FASTENER LOCATIONS DRIVE FASTENER AND CAULK FASTENER HEADS

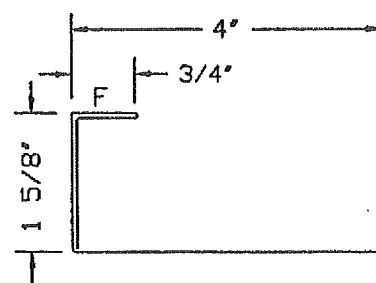
SOLID SHEATHING

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.

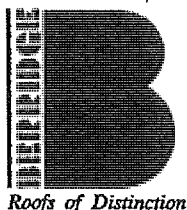
F = FINISH SIDE



DRIP FLASHING



SPECIAL CHANNEL CLOSURE



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GABLE DETAIL  
CHANNEL CLOSURE

**CEE-LOCK PANEL**

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EXTRUDED VINYL WEATHERSEAL (OPTIONAL) US  
PATENT NO. 4,641,475.

BERRIDGE CEE-LOCK PANEL

CONTINUOUS CEE-RIB WITH 2  
FASTENERS 36" O.C. OR CEE-LOCK  
CLIPS 36" O.C. WITH 2 FASTENER  
PER CLIP

FIELD CUT LAST PANEL AND  
SLIP INTO J-CLIP

J-CLIP; 4" END  
LAPS WITH CONTINUOUS  
CAULK AT LAPS

CONTINUOUS BEAD  
OF CAULK

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

1/2"

TOP LAYER OF FELT TO  
BE PARALLEL WITH  
ROOF SLOPE

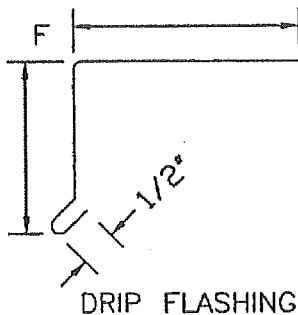
# 30 FELT UNDERLAYMENT

FASTENERS; 20" O.C. MAX.

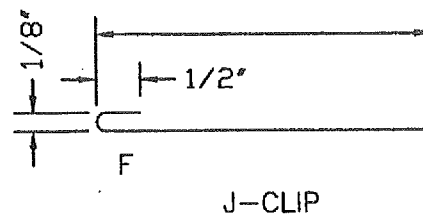
SOLID SHEATHING

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.



F = FINISH SIDE

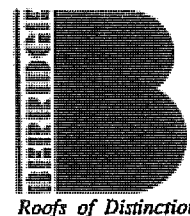


DATE: 08-22-05

GABLE DETAIL  
J-CLIP

PAGE\FILE  
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CEE-LOCK PANEL



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EXTRUDED VINYL WEATHERSEAL (OPTIONAL) US  
PATENT NO. 4,641,475.

BERRIDGE CEE-LOCK PANEL

CONTINUOUS CEE-RIB WITH 2 FASTENERS 36"  
O.C. OR CEE-LOCK CLIP 36" O.C. WITH 2  
FASTENERS PER CLIP

FIELD CUT LAST PANEL AND FORM AROUND  
DRIP FLASHING (PANEL MUST BE CONTINUOUS  
FROM RIDGE TO EAVE)

CONTINUOUS BEAD OF CAULK

FASTENERS; MIN. 3 PER  
ZEE CLOSURE

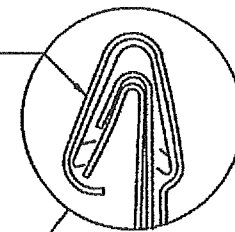
GABLE FLASHING; POP RIVET TO  
ZEE CLOSURE 40" O.C. MAX. WITH 4"  
END LAPS WITH CONTINUOUS CAULK  
AT LAPS.

SPECIAL ZEE CLOSURE; CUT TO  
FIT BETWEEN SEAMS

BERRIDGE CEE-LOCK PANEL

# 30 FELT UNDERLAYMENT

SOLID SHEATHING



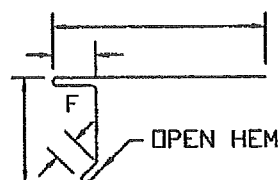
TOP LAYER OF FELT  
TO BE PARALLEL  
WITH ROOF SLOPE

# 30 FELT UNDERLAYMENT  
FASTENERS; 20" O.C.  
MAX. STAGGERED

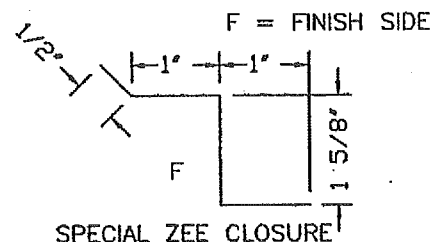
CONTINUOUS BEAD OF CAULK  
BETWEEN ZEE CLOSURE,  
CEE-LOCK PANEL AND SEAM

CONTINUOUS CEE-RIB WITH 2  
FASTENERS 36" O.C. OR  
CEE-LOCK CLIP 36" O.C. WITH  
2 FASTENERS PER CLIP

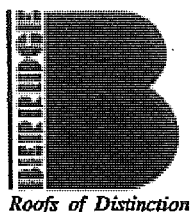
1. FIELD CUT AND FORM LAST PANEL AROUND GABLE FLASHING. PANEL MUST BE CONTINUOUS RIDGE TO EAVE.
2. SOLID SHEATHING (BY OTHERS) TO BE MINIMUM 1/2" PLYWOOD OR EQUIVALENT IN STRENGTH FOR HOLDING POWER OF FASTENERS.
3. ALL FELT UNDERLAYMENT, CAULKING, AND FASTENERS, ARE ITEMS TO BE FURNISHED AND INSTALLED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



GABLE FLASHING



SPECIAL ZEE CLOSURE



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GABLE DETAIL

CEE-LOCK PANEL

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EXTRUDED VINYL WEATHERSEAL (OPTIONAL) US  
PATENT NO. 4,641,475.

BERRIDGE CEE-LOCK PANEL

CONTINUOUS CEE-RIB WITH 2 FASTENERS 36"  
O.C. OR CEE-LOCK CLIP 36" O.C. WITH 2  
FASTENER PER CLIP

FIELD CUT LAST PANEL AND SLIP INTO J-CLIP  
(PANEL MUST BE CONTINUOUS FROM RIDGE TO  
EAVE)

CONTINUOUS BEAD OF CAULK

J-CLIP; 4" END LAPS WITH  
CONTINUOUS CAULK AT LAPS

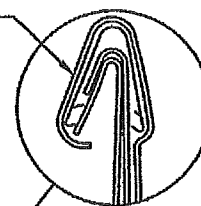
SPECIAL CHANNEL CLOSURE;  
4" END LAPS WITH CONTINUOUS  
CAULK AT LAPS

1/2"

BERRIDGE FASCIA PANEL

# 30 FELT UNDERLAYMENT

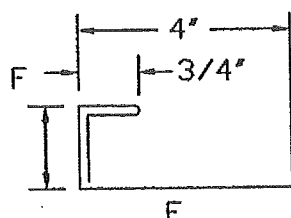
SOLID SHEATHING



TOP LAYER OF FELT  
TO BE PARALLEL  
WITH ROOF SLOPE

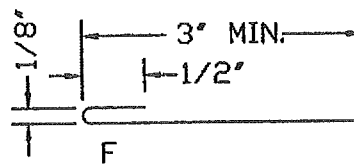
# 30 FELT UNDERLAYMENT  
FASTENERS; 20" O.C. MAX.  
PLACE A SMALL AMOUNT OF  
CAULK AT J-CLIP FASTENER  
LOCATION, DRIVE FASTENER  
THROUGH CAULK, THEN  
CAULK FASTENER HEAD.

1. FIELD CUT LAST PANEL AND SLIP INTO J-CLIP. PANEL 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

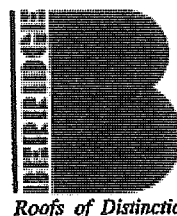
DATE: 08-22-05

GABLE DETAIL

PAGE\FILE

CL-35

CEE-LOCK PANEL



Berridge  
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Roofs of Distinction



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

FASTENERS; 20" O.C. MAX.

# 30 FELT UNDERLAYMENT

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

BERRIDGE CEE-LOCK PANEL

ZEE CLOSURE SEE DETAIL CL-23

CONTINUOUS CEE-RIB WITH 2 FASTENERS 36" O.C. OR CEE-CLIP 36" O.C. 2 FASTENERS PER CLIP

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

SOLID SHEATHING

SLOPE 1:12 MIN.

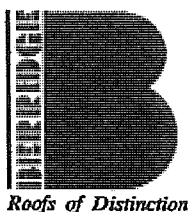
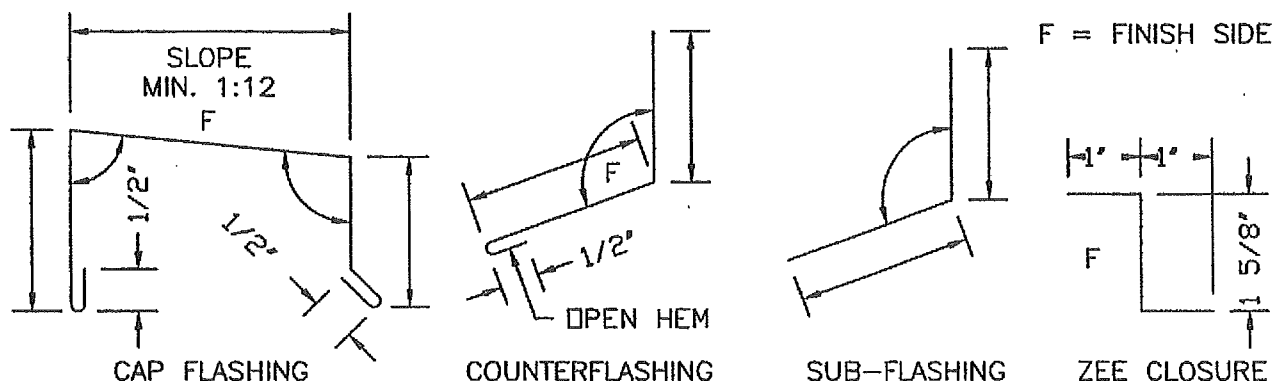
FASTENERS AT LAPS AND STAGGERED 20" O.C. MAX. CAULK FASTENER HEADS

FASTENERS; 40" O.C. MAX. CAULK FASTENER HEADS

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

FASTENERS; MIN. 3 PER ZEE CLOSURE

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.



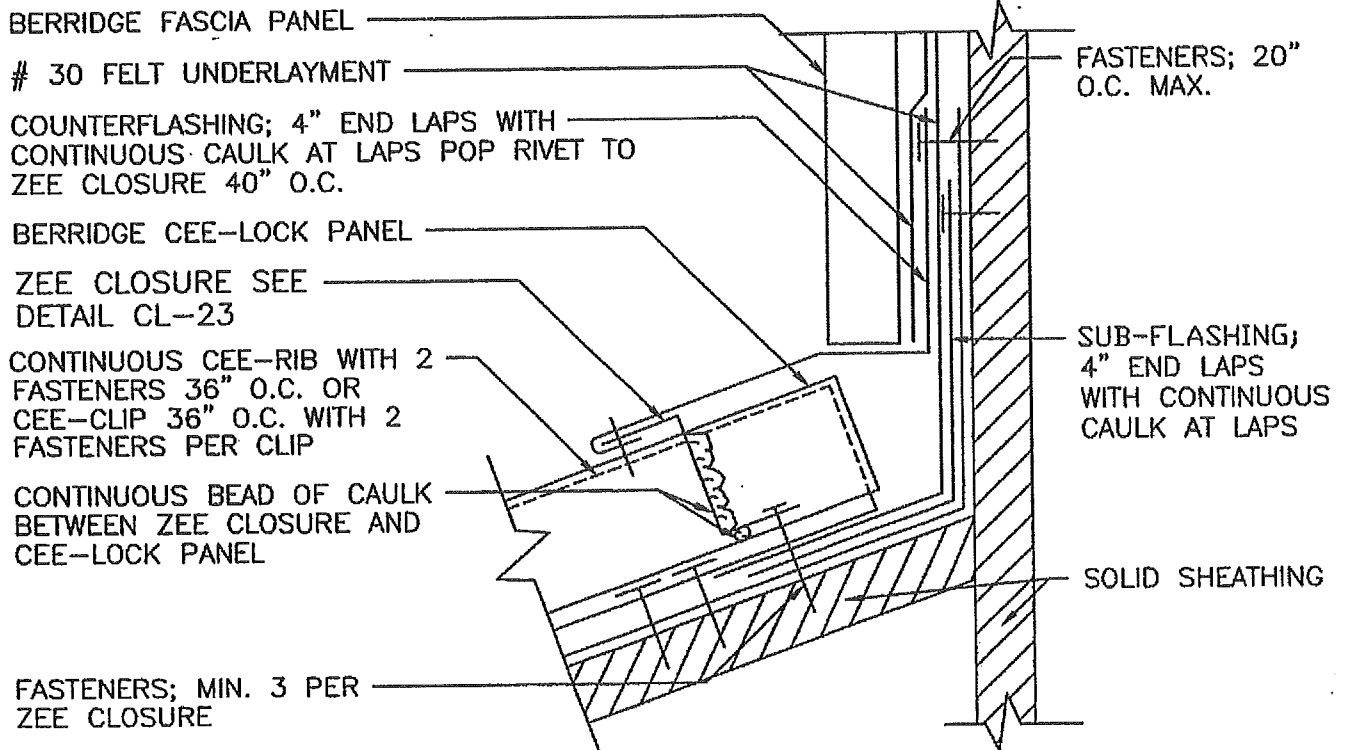
**Berridge**  
Manufacturing  
Company

PARAPET DETAIL

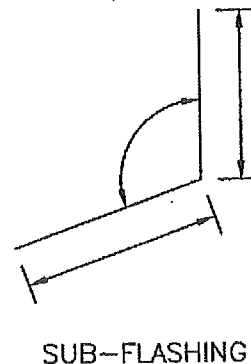
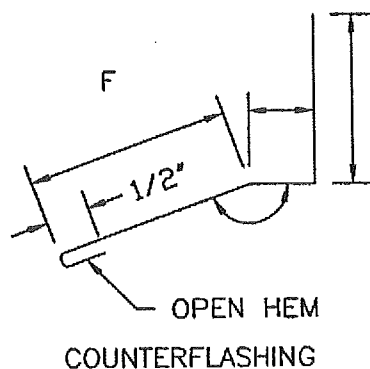
**CEE-LOCK PANEL**

DATE: 08-22-05

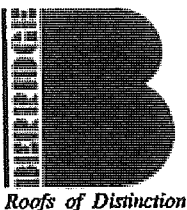
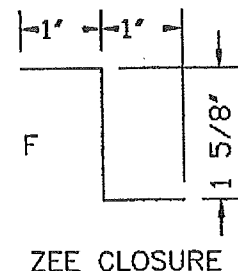
PAGE\FILE  
CL-40



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.



F = FINISH SIDE



HEAD WALL DETAIL  
WITH FASCIA PANEL

**CEE-LOCK PANEL**

DATE: 08-22-05

PAGE\FILE  
CL-50

REGLET

CONTINUOUS CAULK AT REGLET

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

FASTENERS; 20" O.C. MAX.

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

BERRIDGE CEE-LOCK PANEL

CONTINUOUS CEE-RIB WITH 2  
FASTENERS 36" O.C. OR CEE-CLIP  
36" O.C. 2 FASTENERS  
PER CLIP

ZEE CLOSURE SEE  
DETAIL CL-23

# 30 FELT UNDERLAYMENT

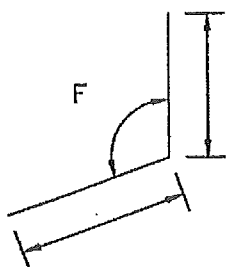
SOLID SHEATHING

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

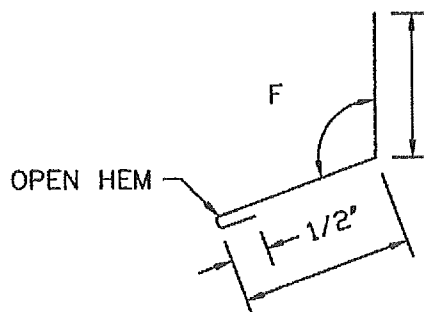
MIN. 3 FASTENERS PER  
ZEE CLOSURE

FASTENERS; 20" O.C.  
MAX.

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.

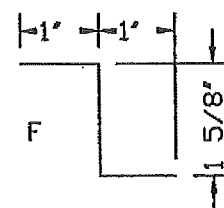


SUB-FLASHING



COUNTERFLASHING

F = FINISH SIDE



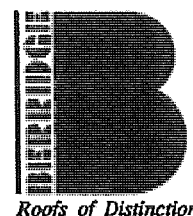
ZEE CLOSURE

DATE: 08-22-05

HEAD WALL DETAIL  
REGLET

PAGE \ FILE  
CL-51

CEE-LOCK PANEL



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Roofs of Distinction

BERRIDGE FASCIA PANEL

FASTENERS; 20" O.C. MAX.

COUNTERFLASHING; 4" END LAPS WITH  
CONTINUOUS CAULK AT LAPS

EXTRUDED VINYL WEATHERSEAL  
(OPTIONAL) US PATENT NO.  
4,641,475.

BERRIDGE CEE-LOCK  
PANEL

# 30 FELT UNDERLAYMENT

CONTINUOUS CEE-RIB  
WITH 2 FASTENERS 36" O.C. OR  
CEE-LOCK CLIPS 20" O.C. WITH 2  
FASTENERS PER CLIP

TOP LAYER OF FELT TO BE  
PARALLEL WITH ROOF SLOPE

# 30 FELT  
UNDERLAYMENT

FIELD CUT AND FORM  
NEW LEG ON LAST  
PANEL. PANEL  
CONTINUOUS RIDGE  
TO EAVE.

CLOSURE CHANNEL; 4"  
END LAPS WITH  
CONTINUOUS CAULK  
AT LAPS

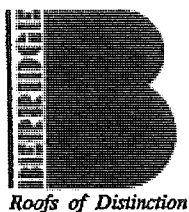
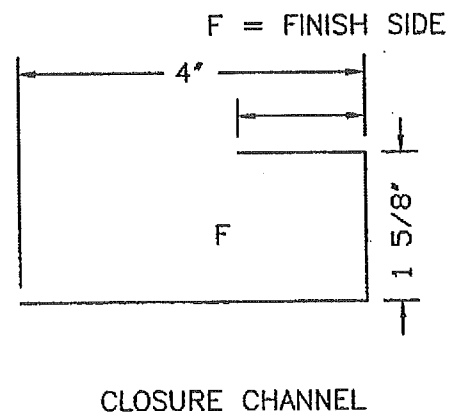
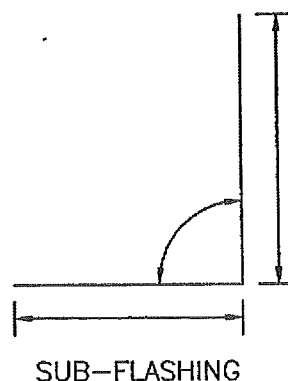
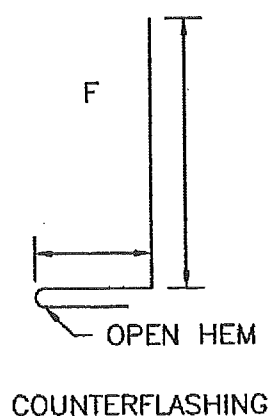
CONTINUOUS BEAD OF  
CAULK

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

SOLID SHEATHING

FASTENER; 20" O.C.  
MAX.

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.



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Company**

RAKE WALL DETAIL  
WITH FASCIA PANEL

**CEE-LOCK PANEL**

DATE: 08-22-05

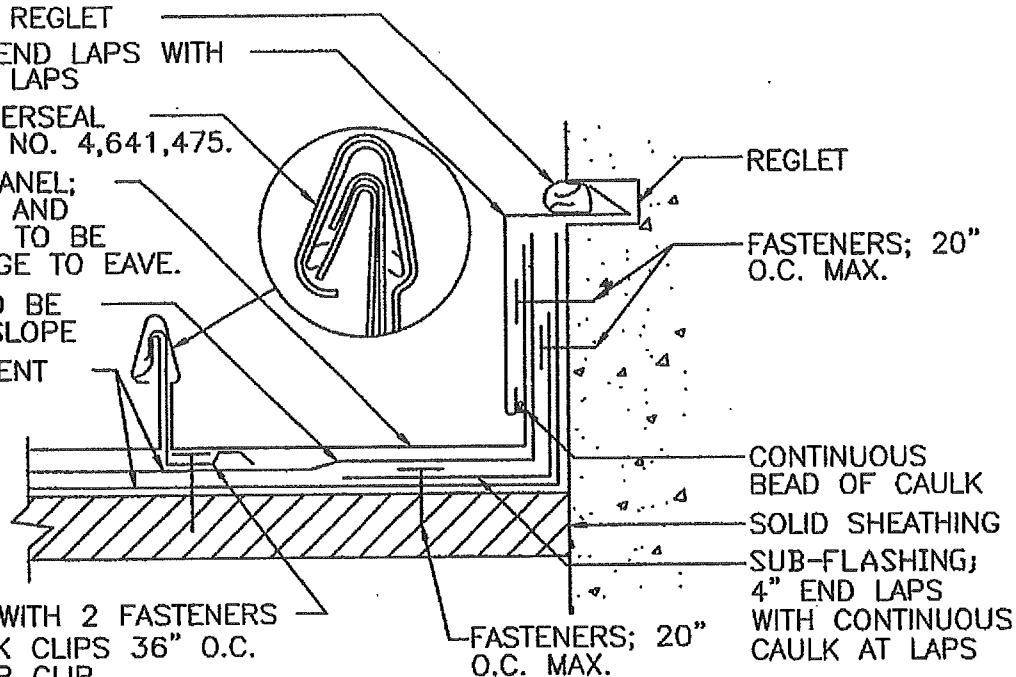
PAGE\FILE  
CL-52

CONTINUOUS CAULK AT REGLET  
COUNTERFLASHING; 4" END LAPS WITH  
CONTINUOUS CAULK AT LAPS  
EXTRUDED VINYL WEATHERSEAL  
(OPTIONAL) US PATENT NO. 4,641,475.

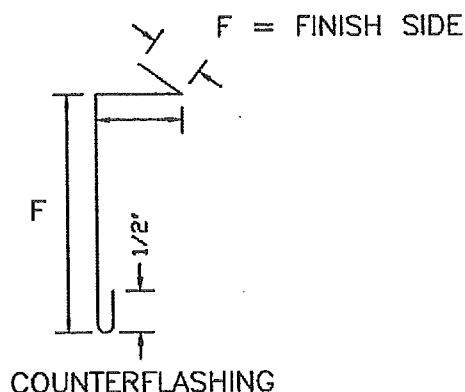
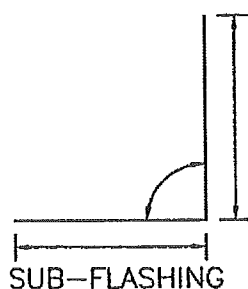
BERRIDGE CEE-LOCK PANEL;  
FIELD CUT LAST PANEL AND  
FORM NEW LEG. PANEL TO BE  
CONTINUOUS FROM RIDGE TO EAVE.

TOP LAYER OF FELT TO BE  
PARALLEL WITH ROOF SLOPE  
# 30 FELT UNDERLAYMENT

CONTINUOUS CEE-RIB WITH 2 FASTENERS  
36" O.C. OR CEE-LOCK CLIPS 36" O.C.  
WITH 2 FASTENERS PER CLIP



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.

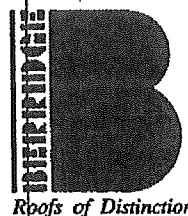


DATE: 08-22-05

RAKE WALL DETAIL  
WITH REGLET FLASHING

PAGE\FILE  
CL-53

CEE-LOCK PANEL



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TOP FELT LAYER TO  
RUN PARALLEL WITH  
ROOF SLOPE

# 30 FELT  
UNDERLAYMENT

SOLID SHEATHING

CLOSURE CHANNEL

EAVE FLASHING

FASCIA BOARD

SNIP PANEL LEG AND FIELD FORM  
PANEL PAN AROUND EAVE FLASHING

BERRIDGE CEE-LOCK  
PANEL

FASCIA

SEE DETAIL BELOW  
FOR CAULKING AT  
THIS LOCATION

EAVE FLASHING;  
FORM LEG ON END  
OF FLASHING AND  
PUSH INTO CORNER

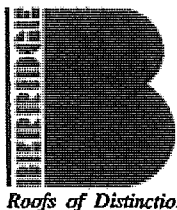
# 30 FELT  
UNDERLAYMENT; CARRY  
FELT UP RAKE WALL

RAKE WALL

SOLID SHEATHING

CAULK AT CORNER

FASCIA BOARD



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## RAKE AT EAVE

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

# CEE-LOCK PANEL

DATE: 05-01-97

PAGE \ FILE

CL-54

BERRIDGE CEE-LOCK PANEL

CONTINUOUS CEE-RIB WITH 2 FASTENERS 36"  
O.C. OR CEE-LOCK CLIPS 36" O.C. WITH 2  
AT EAVE

FIELD NOTCH PANEL SEAM

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

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

SPECIAL ZEE CLOSURE; CUT  
TO FIT BETWEEN PANEL SEAMS

# 30 FELT  
UNDERLAYMENT

FASTENERS; 20" O.C.  
MAX.

SOLID SHEATHING

FASTENERS; MIN. 3  
PER CLOSURE

# 30 FELT  
UNDERLAYMENT

CEE-LOCK PANEL

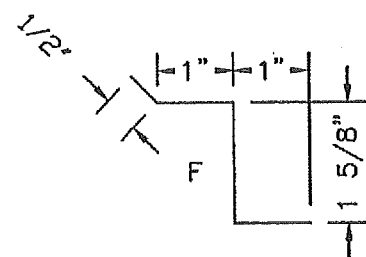
1. FIELD CUT ZEE CLOSURE TO FIT BETWEEN SEAMS OF WALL PANELS.
2. SOLID SHEATHING (BY OTHERS) TO BE MINIMUM 1/2" PLYWOOD OR EQUIVALENT IN STRENGTH FOR HOLDING POWER OF FASTENERS.
3. ALL FELT UNDERLAYMENT, CAULKING, AND FASTENERS, ARE ITEMS TO BE FURNISHED AND INSTALLED BY THE ROOFING INSTALLER AT THE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

F = FINISH SIDE

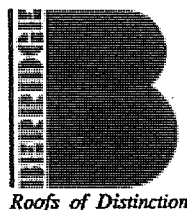
MIN. 1" MAXIMUM  
EXPANSION OF PANEL +1/2"

OPEN HEM

EAVE FLASHING



SPECIAL ZEE CLOSURE



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ROOF TO FASCIA TRANSITION  
COUNTER FLASHING

**CEE-LOCK PANEL**

DATE: 05-01-97

PAGE\FILE  
**CL-60**

# BERRIDGE CEE-LOCK PANEL

CONTINUOUS CEE-RIB WITH 2 FASTENERS 36" O.C.  
OR CEE-LOCK CLIPS 36" O.C. WITH 2 AT END OF  
PANEL

CONTINUOUS CLEAT

CUT BACK PANEL LEG AND FIELD FORM  
PANEL PAN TO ENGAGE CONTINUOUS CLEAT

1:12 MIN. SLOPE AWAY FROM PANEL HOOK

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

ZEE CLOSURE SEE  
DETAIL CL-23

CAULK RIVET HEADS

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

FASTENERS; 20" O.C.  
MAX.

# 30 FELT  
UNDERLAYMENT

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

FASTENERS; 40" O.C.  
MAX.

SOLID SHEATHING

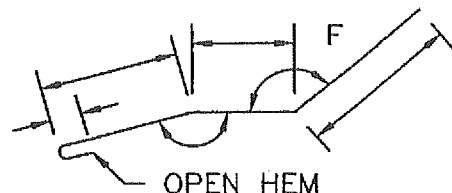
FASTENERS; MIN. 3  
PER CLOSURE

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

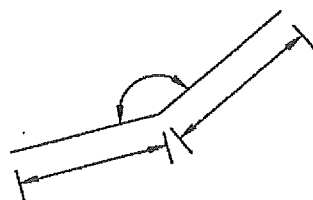
DO NOT: RUN A CONTINUOUS BEAD OF CAULK ON CLEAT OR UNDER CLEAT

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.

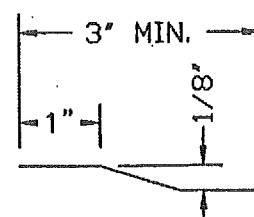
F = FINISH SIDE



TRANSITION FLASHING



SUB-FLASHING



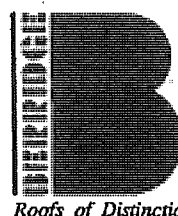
CONTINUOUS CLEAT

DATE: 08-22-05

SLOPE TRANSITION DETAIL

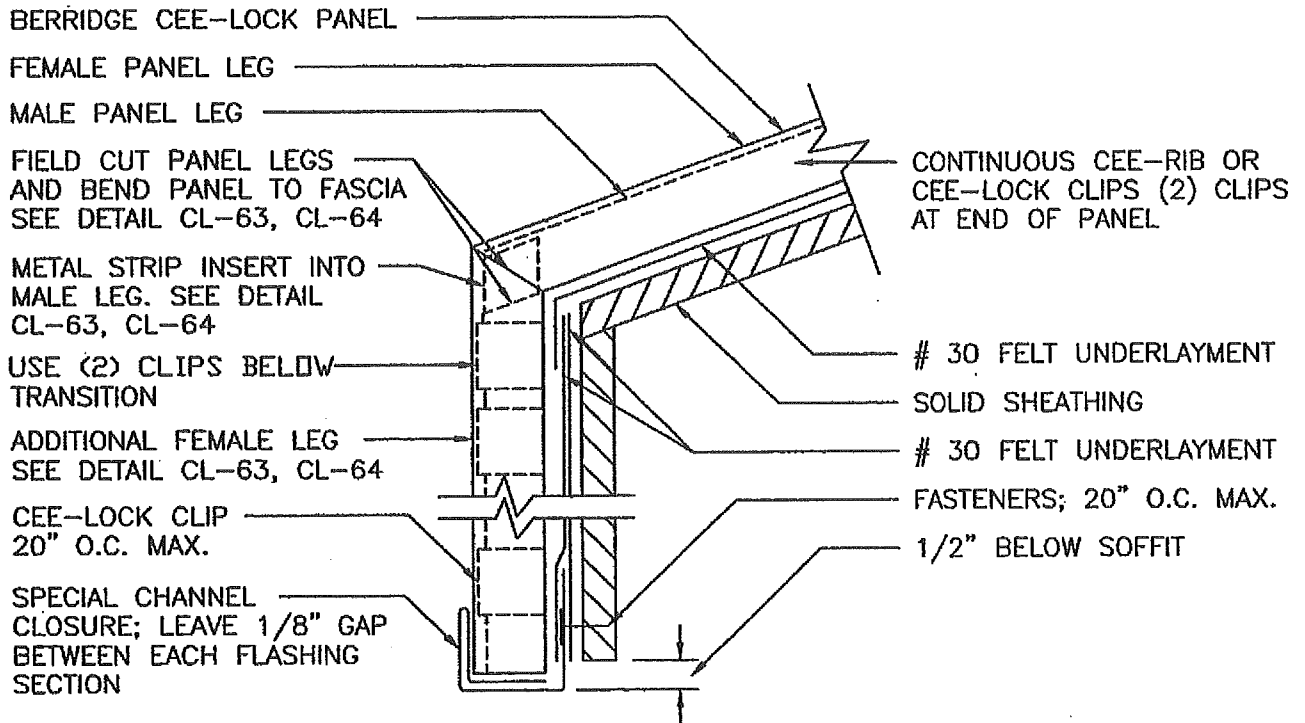
PAGE\FILE  
CL-61

CEE-LOCK PANEL

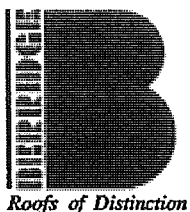
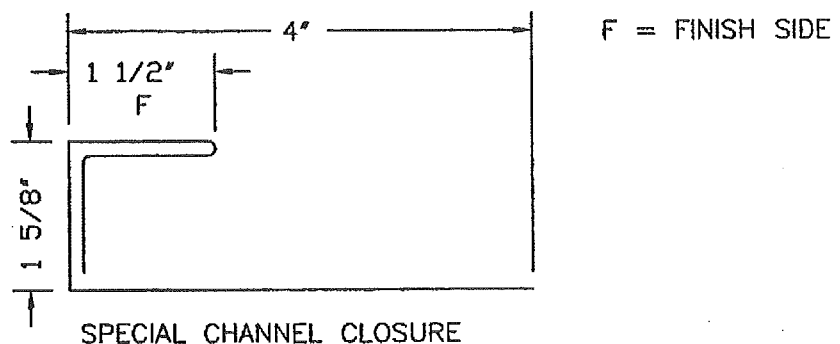


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1. FIELD CUT LEGS AND BEND PANEL AS REQUIRED FOR CHANGE IN SLOPE FROM ROOF TO FASCIA.
2. ONLY ONE SLOPE TRANSITION PER PANEL IS RECOMMENDED.
3. SEE SLOPE TRANSITION (CL-63 AND CL-64) FOR PANEL LEG MITER AND CAULKING DETAILS.
4. IF SOLID SHEATHING (BY 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.



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*Roofs of Distinction*

SLOPE TRANSITION  
ROOF TO FASCIA  
OVERVIEW

**CEE-LOCK PANEL**

DATE: 05-01-97

PAGE\FILE  
CL-62

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

(B) MEASURE DISTANCE WHERE  
ANGLES CROSS TO DETERMINE  
THE LENGTH OF ANGLE CUT

(A) PLACE 2 STRIPS OF 1 1/2"  
METAL ANGLE ONE ON ROOF  
AND ONE ON FASCIA

EAVE LINE

FASCIA

ROOF

(C) MEASURE THIS  
DISTANCE TO  
DETERMINE THE  
LENGTH OF  
FASCIA PANEL

BERRIDGE CEE-LOCK PANEL

LENGTH OF ANGLE CUT

LEGS OF PANEL

PAN OF  
PANEL

EQUALS LENGTH  
OF FASCIA

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.

BERRIDGE CEE-LOCK  
PANEL  
FEMALE LEG OF  
PANEL

PAN OF PANEL

(B) CUT TOP OF  
FEMALE PANEL  
LEG OFF THE  
ENTIRE LENGTH  
OF THE FASCIA  
PANEL

(C) FILE OFF ALL  
BURRS AT SAW  
CUT EDGES

PANEL BEND  
LINE

MALE LEG  
OF PANEL

FEMALE LEG OF  
FASCIA PANEL

(A) SNIP FEMALE  
LEG OF ROOF  
PANEL AT THIS POINT BY 1/2" LONG

FEMALE LEG OF  
ROOF PANEL

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.

BERRIDGE CEE-LOCK PANEL

FEMALE LEG OF PANEL

ROOF PANEL

MALE LEG OF PANEL

CEE-LOCK CLIPS OR  
CEE-LOCK RIB ON  
ROOF PANEL

EAVE LINE

CEE-LOCK CLIP

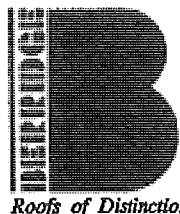
CHANNEL CLOSURE  
SEE DETAIL CL-62

DATE: 05-01-97

## SLOPE TRANSITION ROOF TO FASCIA INSTALLATION INSTRUCTIONS

PAGE\FILE  
CL-63

# CEE-LOCK PANEL



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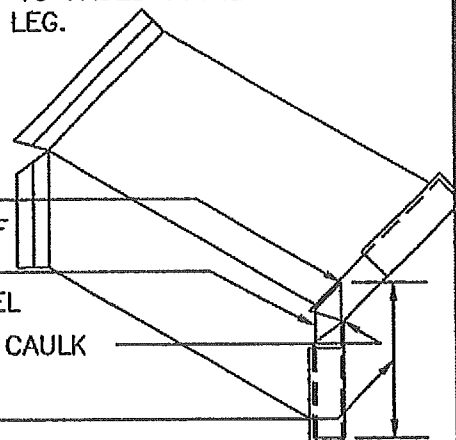
STEP 5  
FROM A FLAT SHEET OF METAL  
PAINTED TO MATCH THE ROOF,  
CUT A STRIP 1 3/8" WIDE AND  
LENGTH AS SHOWN IN DIAGRAM  
TO THE RIGHT. THIS METAL STRIP  
IS TO BE PLACED INTO THE MALE LEG  
OF THE FASCIA PANEL. SEE BELOW.

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

METAL STRIP PLACED  
INTO MALE LEG OF  
FASCIA PANEL  
COLOR SIDE OF  
METAL STRIP



- ⓑ MITER CUT METAL STRIP  
TO MATCH SLOPE OF ROOF
  - Ⓐ SLIP METAL STRIP INTO  
MALE LEG OF FASCIA PANEL
  - ⓒ PLACE SMALL AMOUNT OF CAULK  
AT PANEL AND EAVE LINE
- LENGTH OF METAL STRIP
- MALE LEG OF CEE-LOCK  
FASCIA PANEL



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

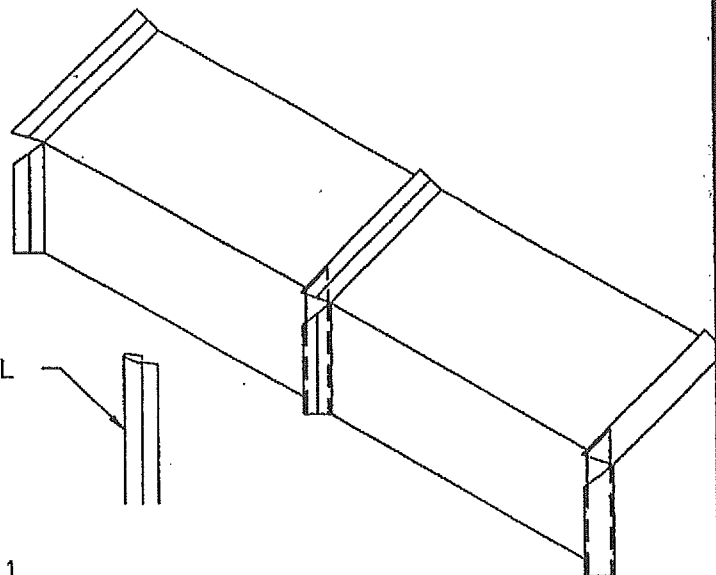
STEP 7  
INSTALL PANEL PER STEPS 4 AND 5.

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

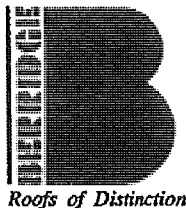


ADDITIONAL FEMALE LEG

SNAP ON ADDITIONAL  
FEMALE LEG



INSTALL NEXT PANEL STARTING AT STEP 1



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SLOPE TRANSITION  
ROOF TO FASCIA  
INSTALLATION INSTRUCTIONS

**CEE-LOCK PANEL**

DATE: 08-22-05

PAGE\FILE

CL-64

# BERRIDGE CEE-LOCK PANEL

CONTINUOUS CEE-RIB WITH 2 FASTENERS 36" O.C. OR  
CEE-LOCK CLIP 36" O.C. WITH 2 FASTENERS PER CLIP  
DO NOT USE FASTENERS IN VALLEY FLASHING.

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

CONTINUOUS BEAD OF CAULK  
BETWEEN VALLEY FLASHING  
AND FELT UNDERLAYMENT

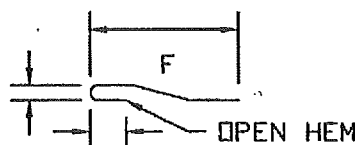
VALLEY FLASHING  
SOLID SHEATHING

# 30 FELT  
UNDERLAYMENT

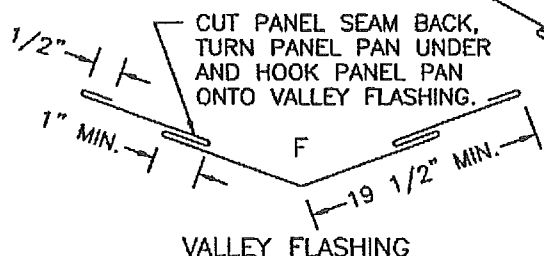
FIELD CUT PANEL SEAM AND FORM  
PANEL PAN AROUND CLEAT OF  
VALLEY FLASHING. DO NOT RUN  
CONTINUOUS CAULK IN OR ON  
CLEAT OF VALLEY FLASHING,  
EXCEPT AT VALLEY FLASHING LAPS.

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.

F = FINISH SIDE



CONTINUOUS CLEAT

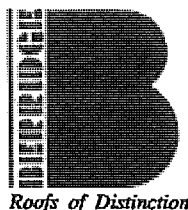


VALLEY FLASHING

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

DO NOT RUN  
CAULK IN OR ON  
CLEAT OF VALLEY  
FLASHING

2 CONTINUOUS BEADS OF CAULK AT LAPS  
VALLEY FLASHING LAP



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VALLEY DETAIL

**CEE-LOCK PANEL**

DATE: 08-22-05

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CL-70

DO NOT RUN CONTINUOUS CAULK  
IN OR UNDER HOOK TAB.  
EXCEPT AT VALLEY FLASHING LAPS.  
SEE DETAIL CL-70.

CEE-LOCK CLIP OR  
CONTINUOUS CEE-RIB

CONTINUOUS  
CLEAT

CEE-LOCK PANEL

# 30 FELT UNDERLAYMENT  
VALLEY FLASHING  
CONTINUOUS BEAD OF CAULK

CONTINUOUS CLEAT  
SOLID SHEATHING

SEE DETAIL CL-70 FOR VALLEY FLASHING LAP

(2) CEE-CLIPS ABOVE VALLEY FLASHING. USE FASTENERS AT  
THESE CLIPS OR IF CEE-RIB START FASTENERS ABOVE VALLEY  
FLASHING. DO NOT USE FASTENERS THRU VALLEY FLASHING.

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

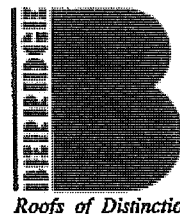
DATE: 08-22-05

VALLEY ISOMETRIC

PAGE\FILE

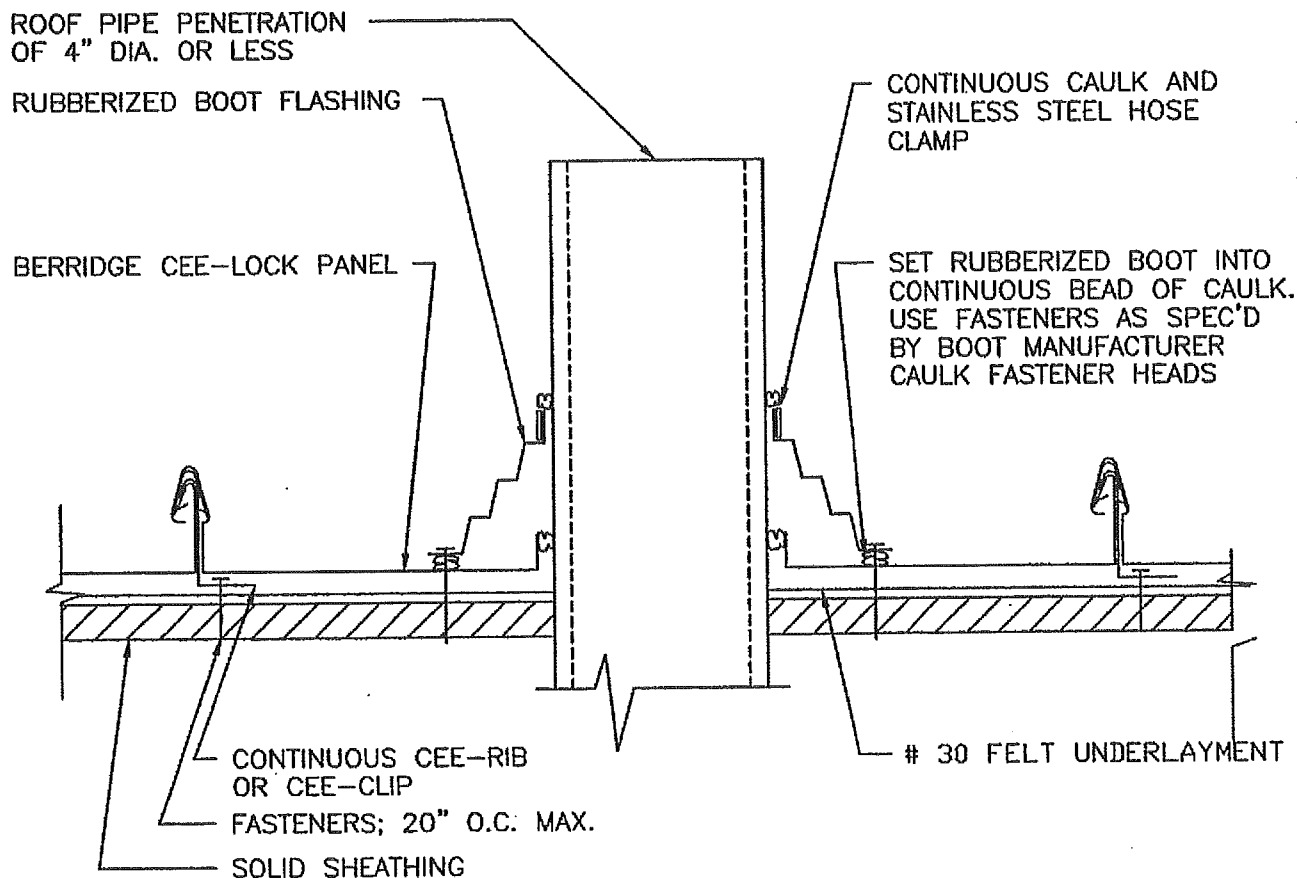
CL-71

CEE-LOCK PANEL



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Roofs of Distinction



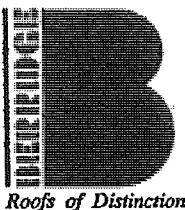
NOTE: POSITION SQUARE BASED BOOTS IN A DIAMOND ORIENTATION WHERE POSSIBLE TO AID IN DIVERTING WATER

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



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*Roofs of Distinction*

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

**CEE-LOCK PANEL**

DATE: 08-22-05

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CL-80

RUN PANEL AND SEAM UP TO STACK AND CAULK

CONTINUOUS BEAD OF CAULK

CUT PANEL SEAM AND LAP SEAM IN DIRECTION OF WATER FLOW

BERRIDGE CEE-LOCK PANEL

RUN PANEL AND SEAM UP TO STACK AND CAULK

\* SECTION A  
PAGE CL-81

\* SECTION B  
PAGE CL-81

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.

CONTINUOUS BEAD OF CAULK

CONTINUOUS BEAD OF CAULK AROUND SEAM

CAULK AT SNIPPED OPENINGS

A

B

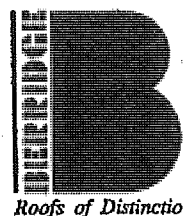
NOTE: IF PIPE IS MADE OF METAL IT MUST BE PAINTED TO PREVENT RUST RUN-OFF FROM STAINING PANELS

DATE: 05-01-97

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

PAGE\FILE  
CL-81

**CEE-LOCK PANEL**



**Berridge  
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*Roofs of Distinction*

### \* SECTION A

USE THIS DETAIL WHEN STACK  
IS CENTERED ON SEAM

ROUND STACK; MUST BE  
OF MATERIAL COMPATIBLE  
WITH 24 GA. GALVANIZED  
PAINTED METAL

CUT PANEL AND BEND UP 1"  
AROUND STACK AND CAULK

RUN SEAM AND PANEL UP  
TO STACK AND CAULK

# 30 FELT  
UNDERLAYMENT

CEE-LOCK CLIPS; 2  
REQ'D AT PENETRATION (IF NOT  
USING CONTINUOUS RIB)

24 GA. ROUND STACK FLASHING  
TO MATCH PANEL COLOR

RUN SEAM AND PANEL UP  
TO STACK AND CAULK

# 30 FELT UNDERLAYMENT

CEE-LOCK CLIPS; 2 REQ'D  
AT PENETRATION (IF NOT  
USING CONTINUOUS RIB)

SOLID SHEATHING

FIELD MITER PANEL LEGS AND SEAM. CUT HOLE  
IN PANEL 1" LESS THAN DIA. OF STACK. BACK  
CUT HOLE AND BEND PANEL UP AROUND STACK.

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

ROUND STACK; MUST BE  
OF MATERIAL COMPATIBLE  
WITH 24 GA. GALVANIZED  
PAINTED METAL

CUT PANEL AND BEND UP 1"  
AROUND STACK AND CAULK

RUN SEAM AND PANEL UP  
TO STACK AND CAULK

CEE-LOCK CLIPS; 2  
REQ'D AT PENETRATION (IF NOT  
USING CONTINUOUS RIB)

24 GA. ROUND STACK FLASHING TO  
MATCH PANEL COLOR

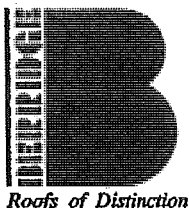
CUT PANEL SEAMS AND BEND FLAT  
TO PANEL. LAP ONE SEAM OVER  
THE OTHER (LAP TOP SEAM IN  
DIRECTION OF WATER FLOW)

# 30 FELT  
UNDERLAYMENT

CEE-LOCK CLIPS; 2 REQ'D  
AT PENETRATION (IF NOT  
USING CONTINUOUS RIB)

SOLID SHEATHING

FIELD CUT SEAM 2" BACK FROM STACK (ABOVE  
STACK). FIELD MITER SEAM BELOW STACK. CUT  
HOLE IN PANEL 1" LESS THAN DIA. OF STACK.  
BACK CUT HOLE AND BEND PANEL UP AROUND  
STACK.



Roofs of Distinction

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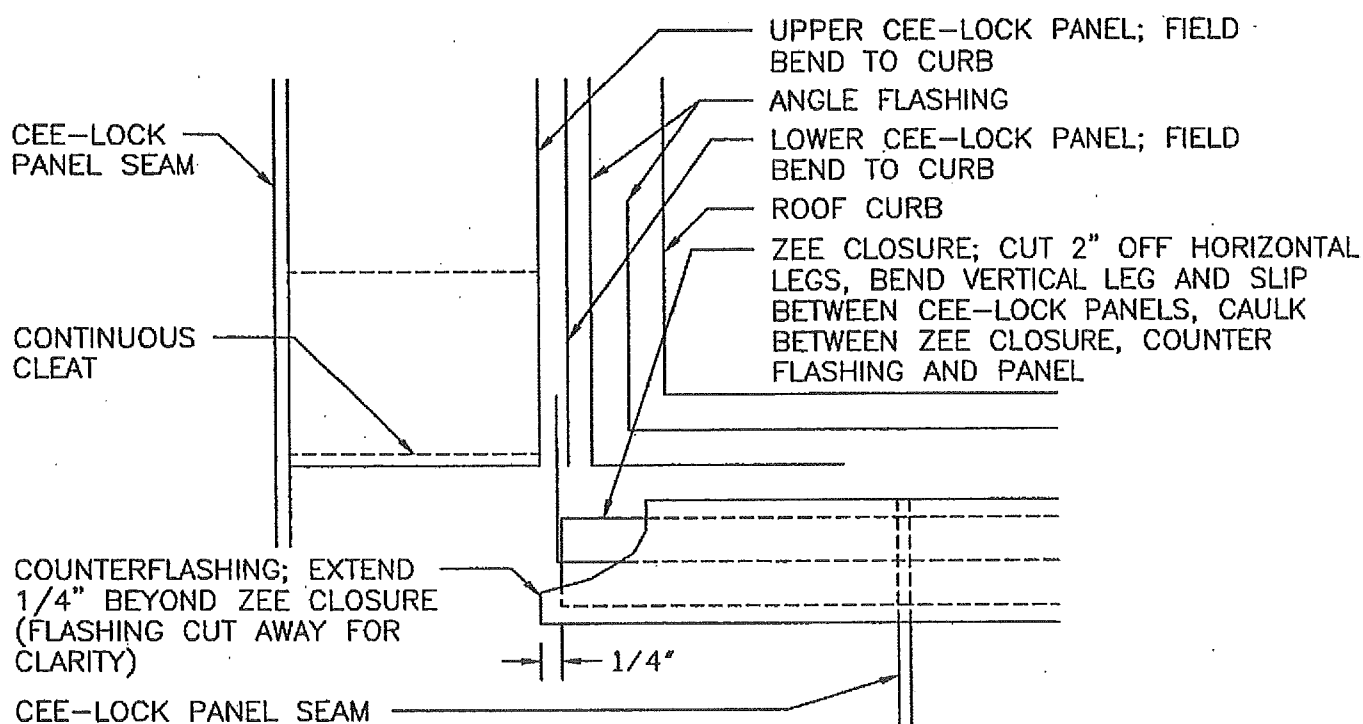
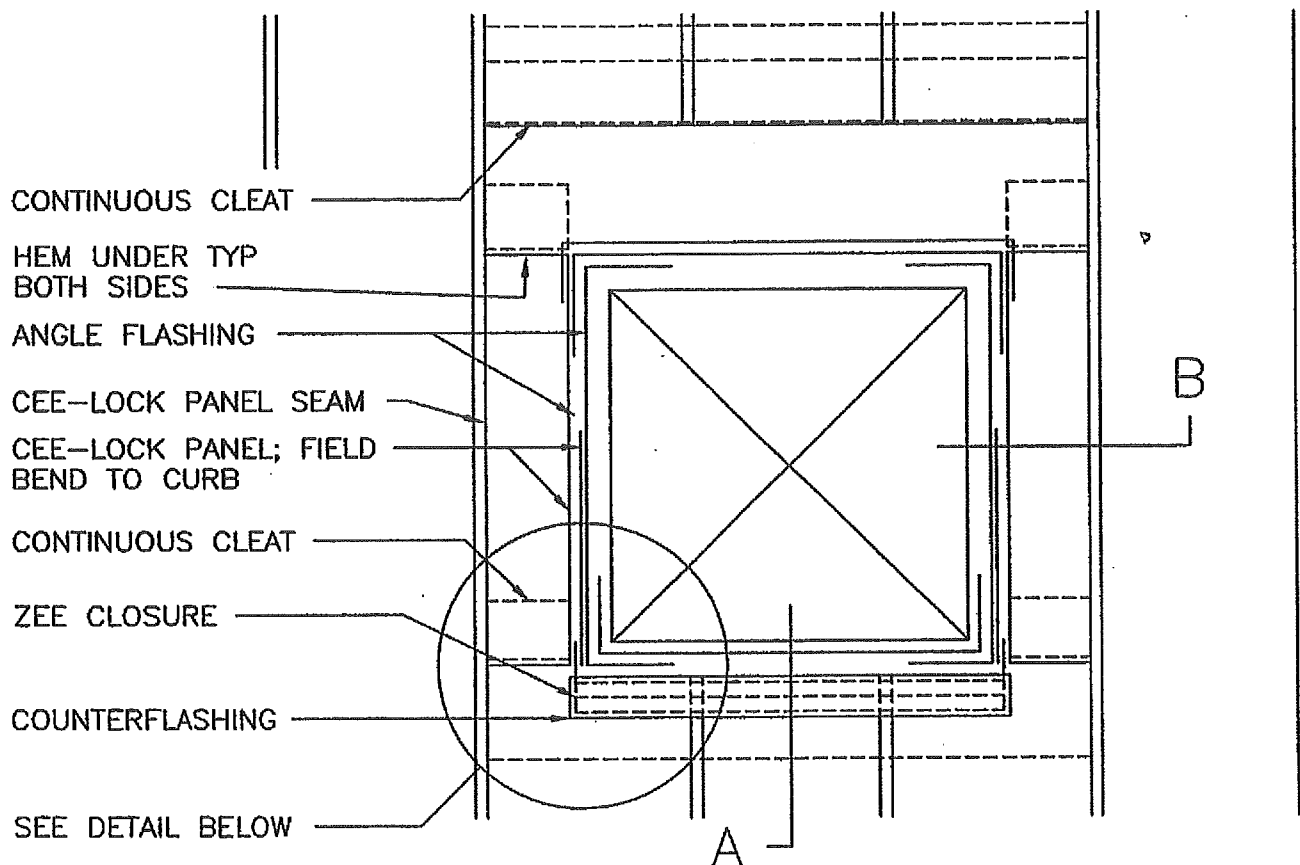
PIPE PENETRATION  
ON PANEL SEAM; SECTIONS  
**\*CALL BMC. BEFORE USING THIS DETAIL**

**CEE-LOCK PANEL**

DATE: 05-01-97

PAGE\FILE  
**CL-82**





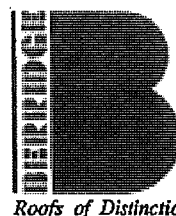
DATE: 08-22-05

SQUARE PENETRATION  
PLAN VIEW

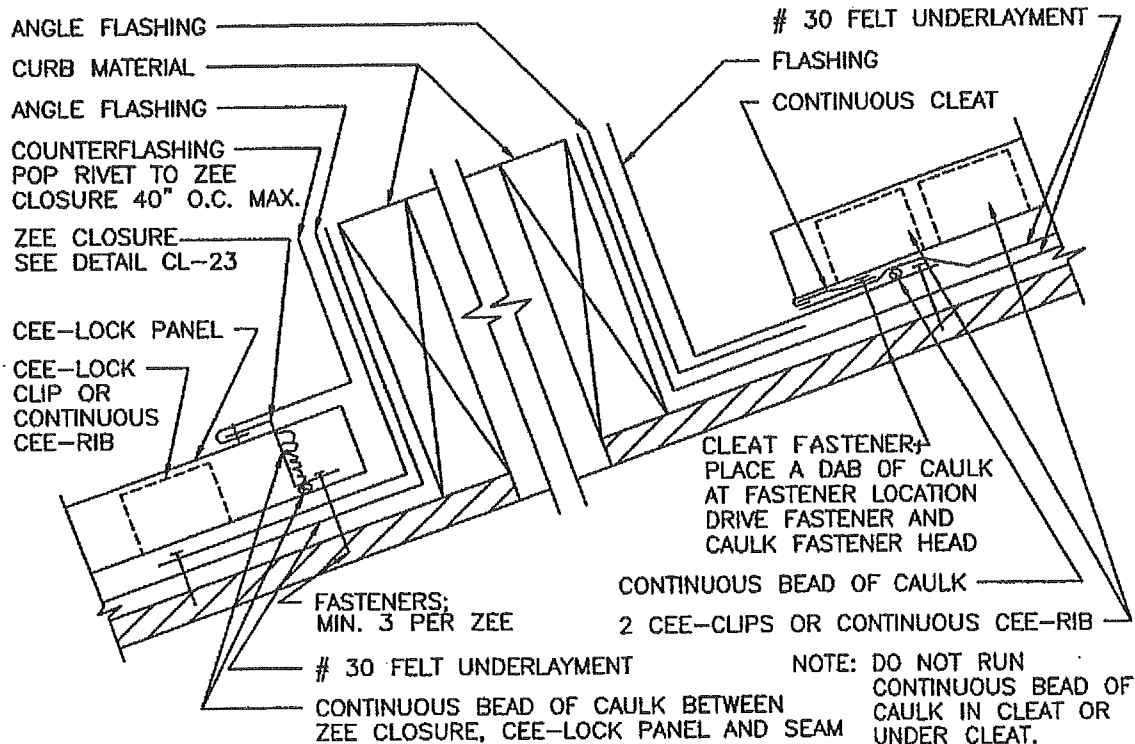
PAGE\FILE

CL-83

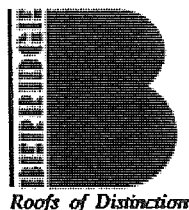
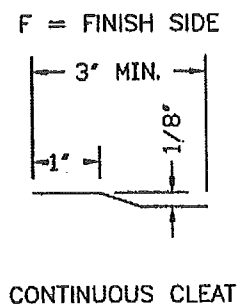
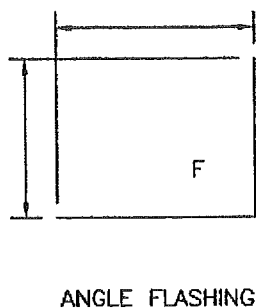
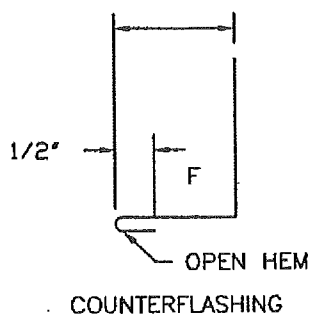
CEE-LOCK PANEL



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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.



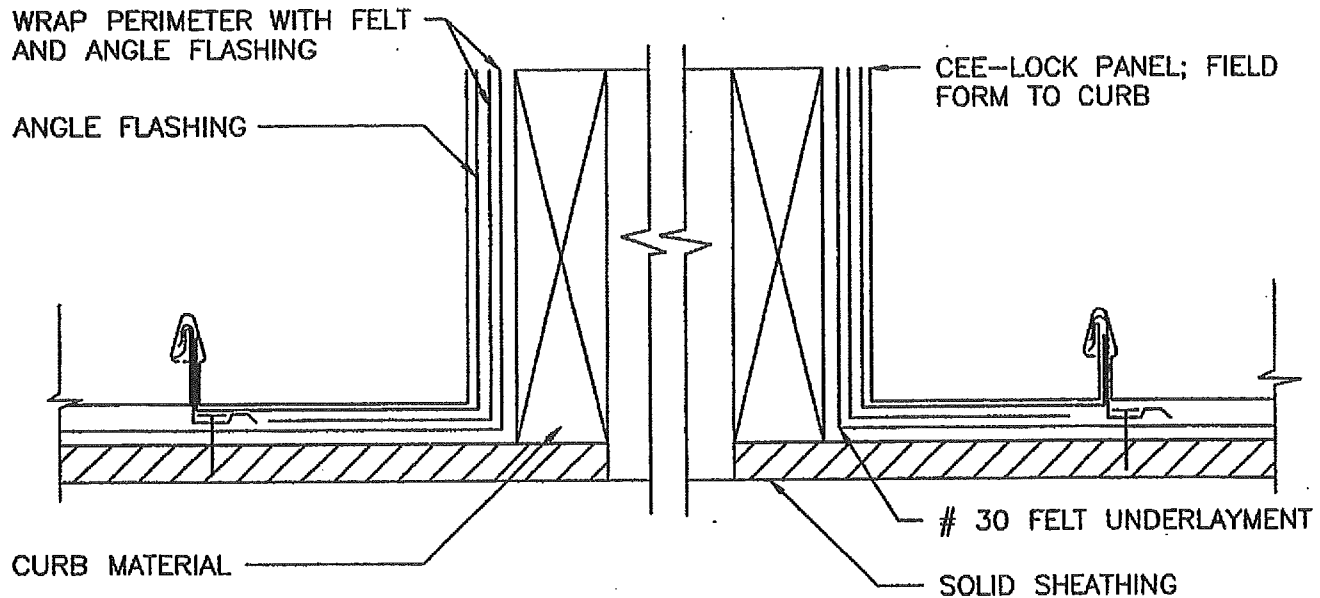
**Berridge**  
Manufacturing  
Company

SQUARE PENETRATION  
SECTION A

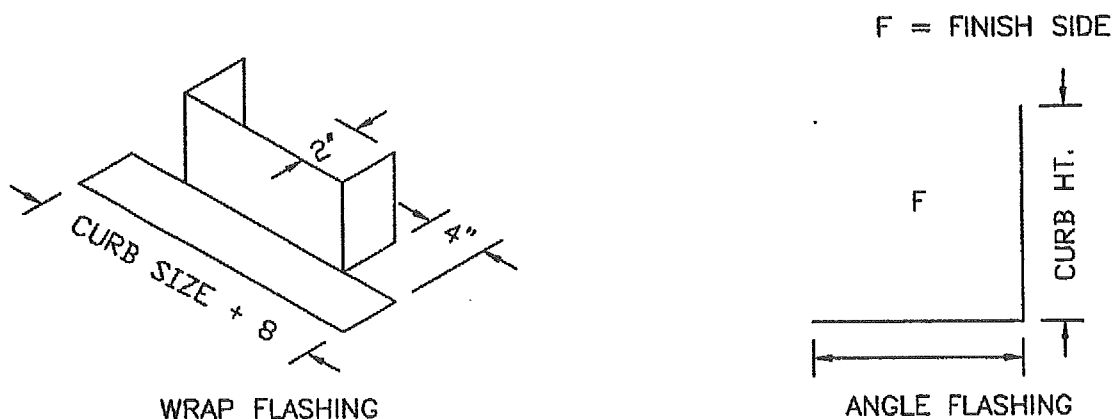
**CEE-LOCK PANEL**

DATE: 08-22-05

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

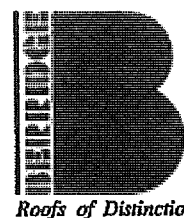


DATE: 01-31-01

SQUARE PENETRATION  
SECTION B

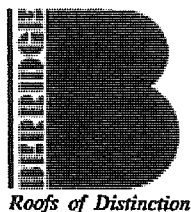
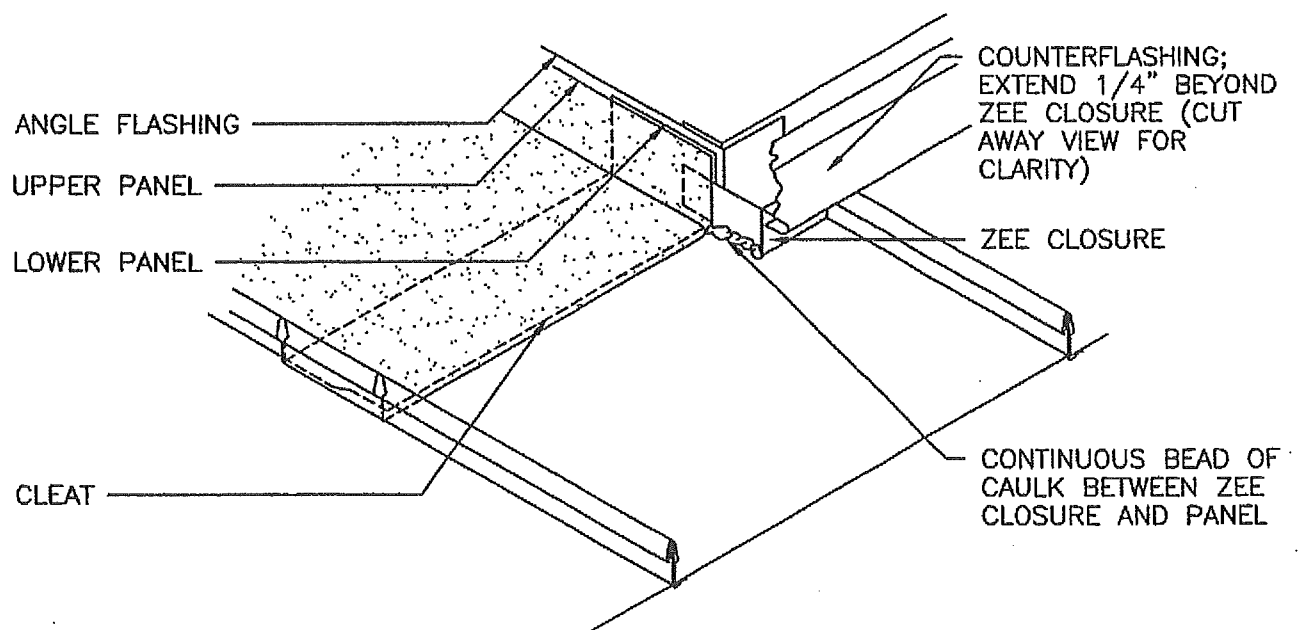
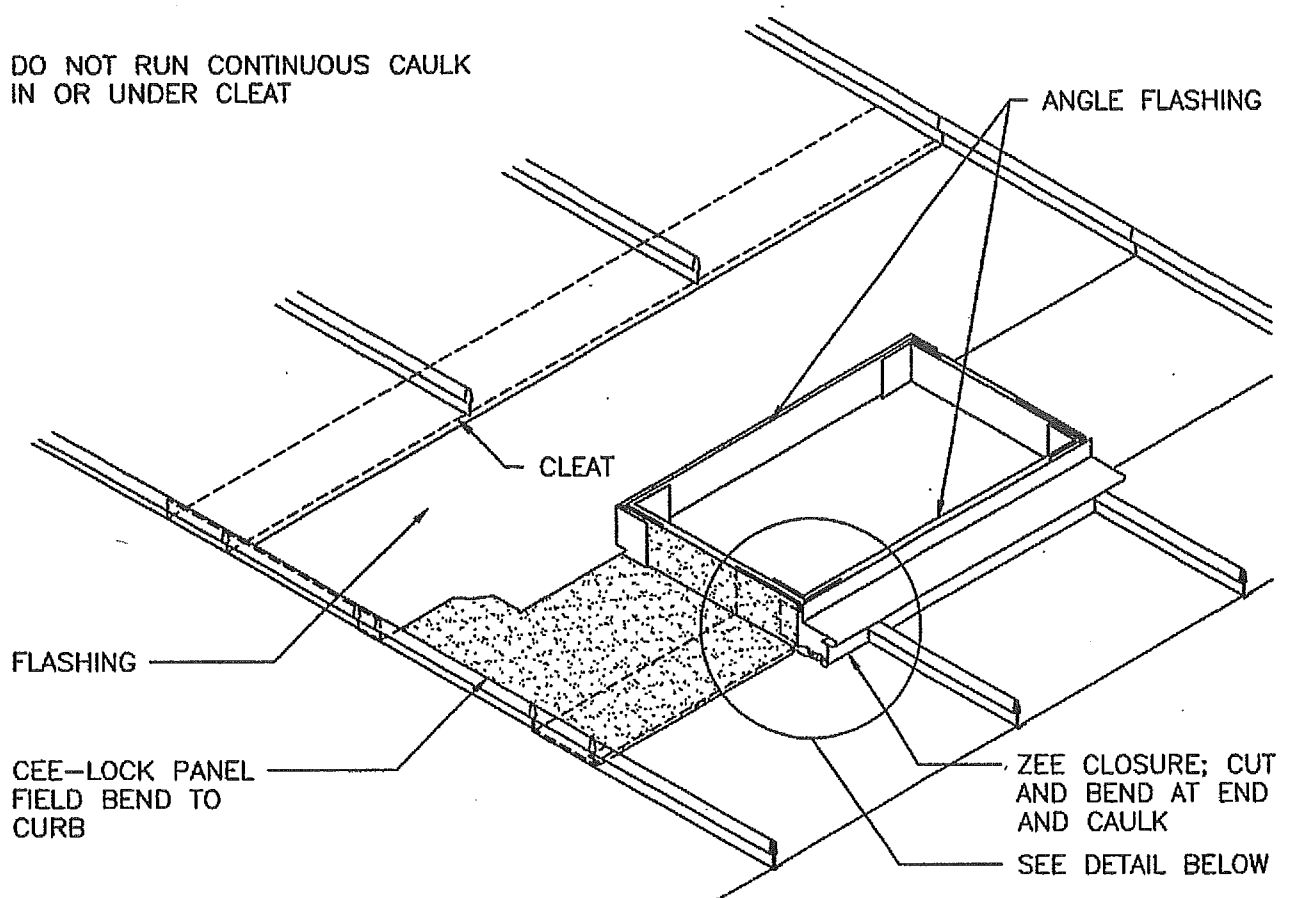
PAGE\FILE  
CL-85

CEE-LOCK PANEL



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DO NOT RUN CONTINUOUS CAULK  
IN OR UNDER CLEAT



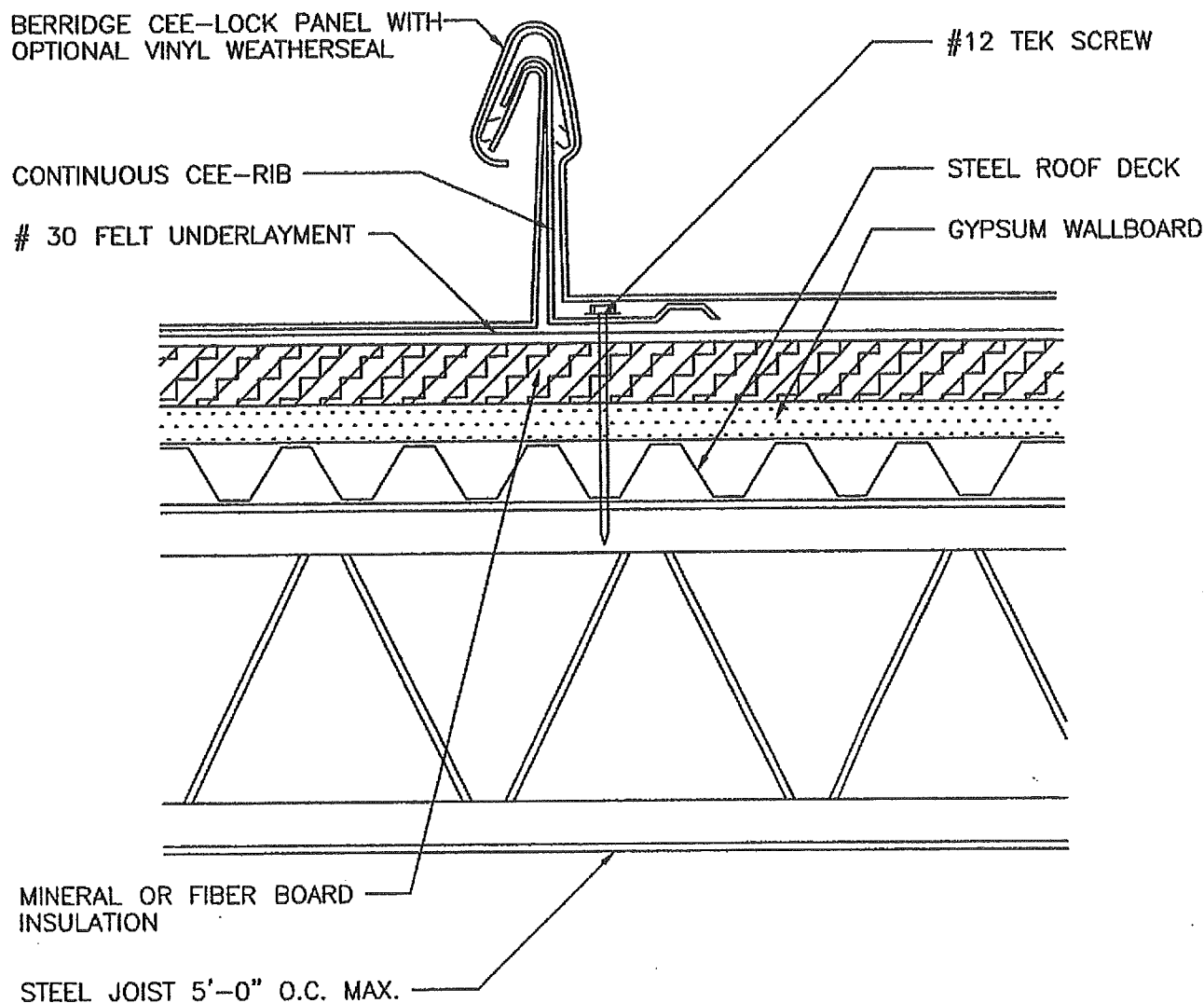
**Berridge**  
Manufacturing  
Company

SQUARE PENETRATION  
ISOMETRIC

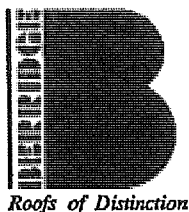
DATE: 08-22-05

PAGE\FILE  
CL-86

**CEE-LOCK PANEL**



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.



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*Roofs of Distinction*

UL FIRE RESISTANCE  
ROOF ASSEMBLY  
OPEN WEB STEEL JOIST

**CEE-LOCK PANEL**

DATE: 08-22-05

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CL-90

BERRIDGE CEE-LOCK PANEL WITH  
OPTIONAL VINYL WEATHERSEAL

CONTINUOUS CEE-RIB

# 30 FELT UNDERLAYMENT

#12 TEK SCREW

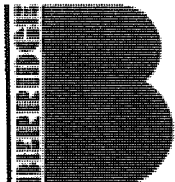
STEEL ROOF DECK

GYPSUM WALLBOARD

MINERAL OR FIBER BOARD  
INSULATION

STEEL JOIST 5'-0" O.C. MAX.

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.



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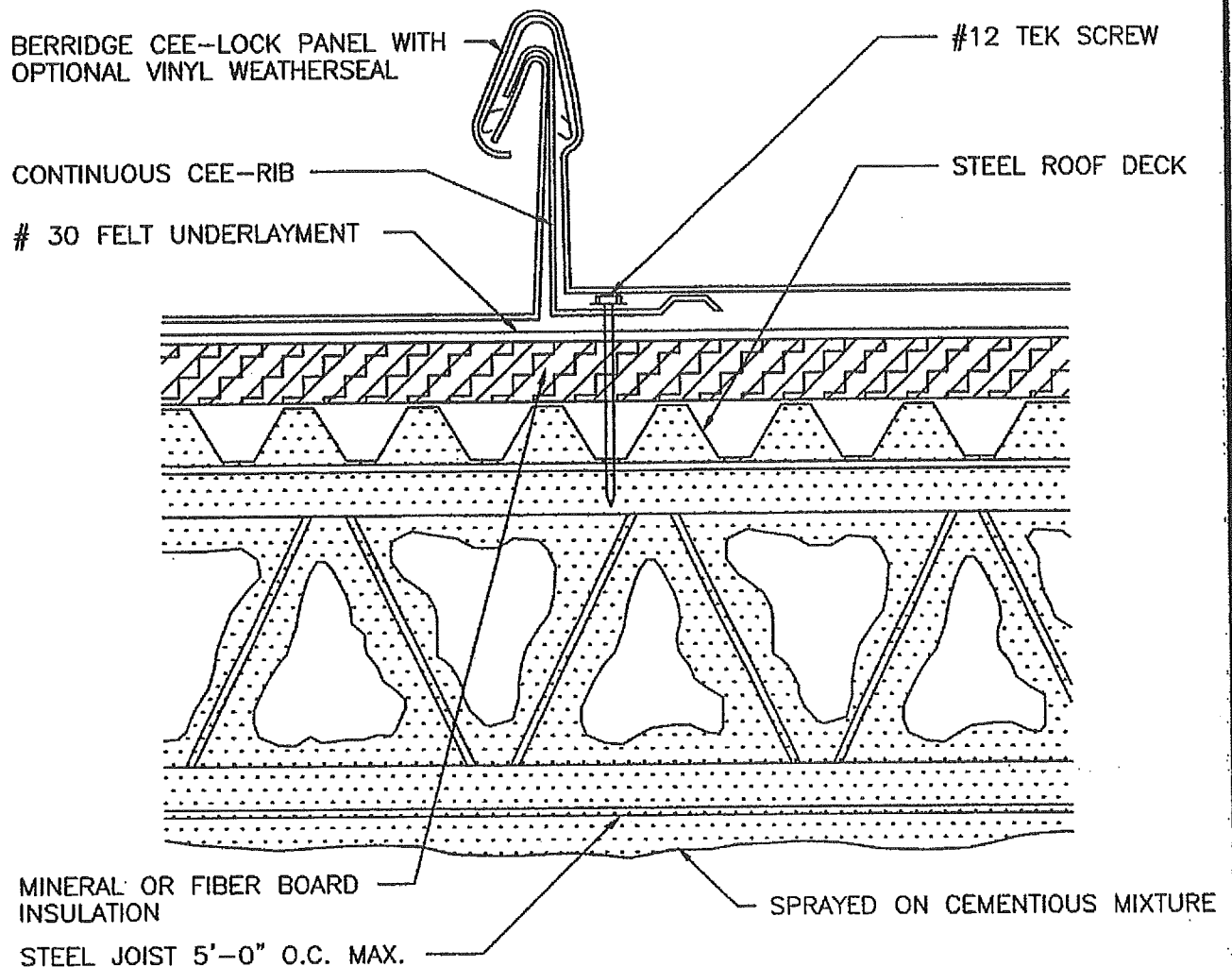
UL FIRE RESISTANCE  
ROOF ASSEMBLY  
OPEN WEB STEEL JOIST

**CEE-LOCK PANEL**

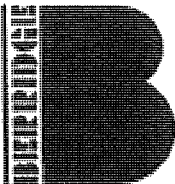
DATE: 08-22-05

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.



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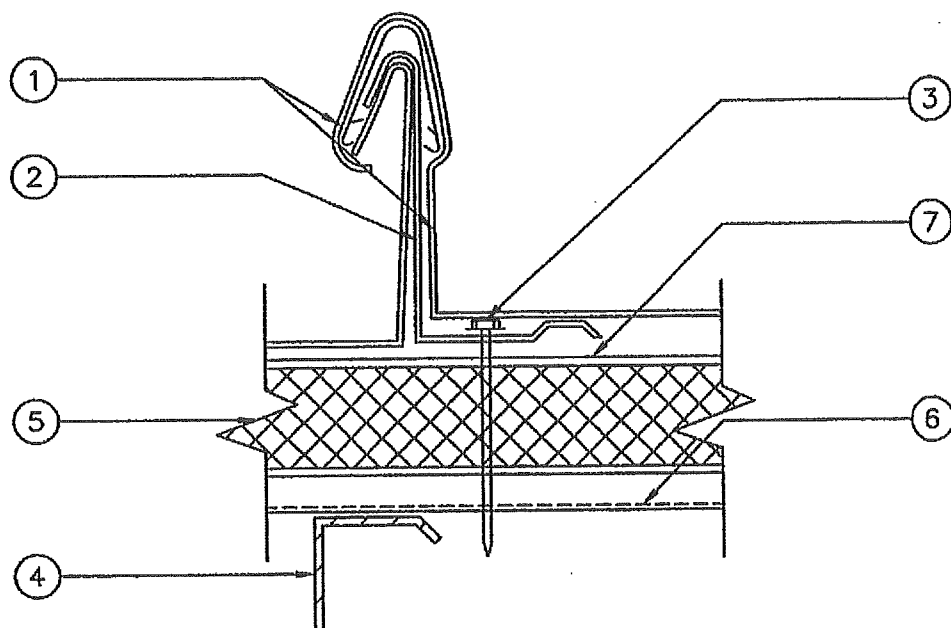
UL FIRE RESISTANCE  
ROOF ASSEMBLY  
OPEN WEB STEEL JOIST WITH CEMENTIOUS  
THERMAL BARRIER

**CEE-LOCK PANEL**

DATE: 08-22-05

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.

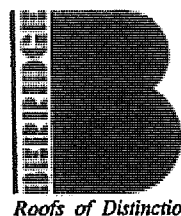
DATE: 08-22-05

UL 90 APPROVED ASSEMBLY  
CEE-LOCK PANEL WITH 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

PAGE\FILE

CL-93

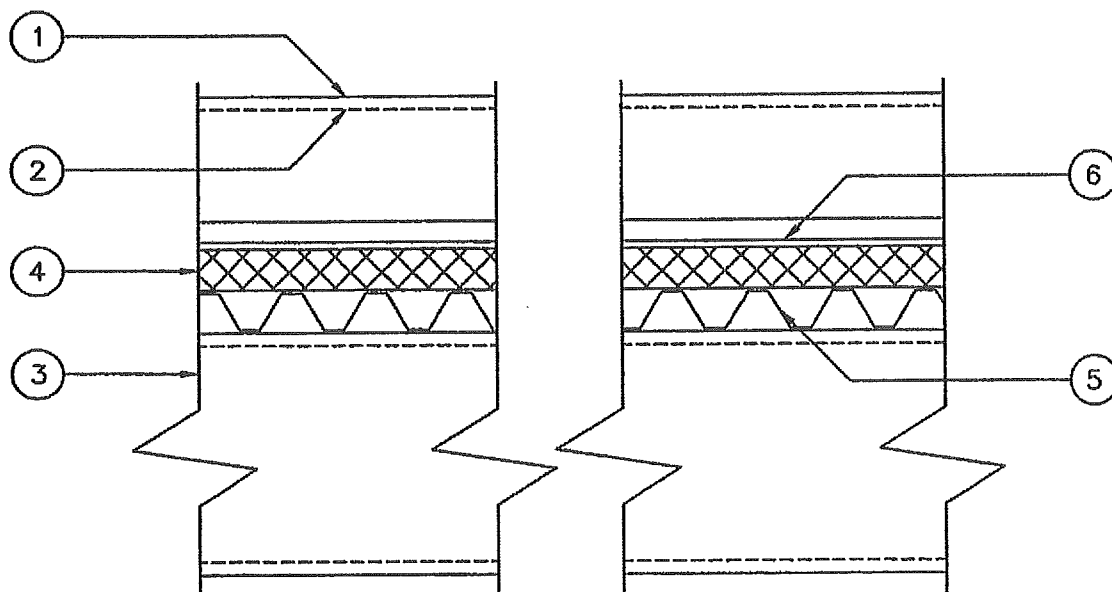
**CEE-LOCK PANEL**



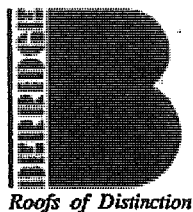
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Manufacturing  
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1. BERRIDGE CEE-LOCK PANEL \* NO. 24 MSG (MIN. YIELD STRENGTH 40,000 PSI) THICKNESS COATED STEEL, 16 1/2 IN. WIDE 1 1/2 IN. HIGH. PANEL (NON-STRUCTURAL VINYL WEATHER SEAL OPTIONAL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



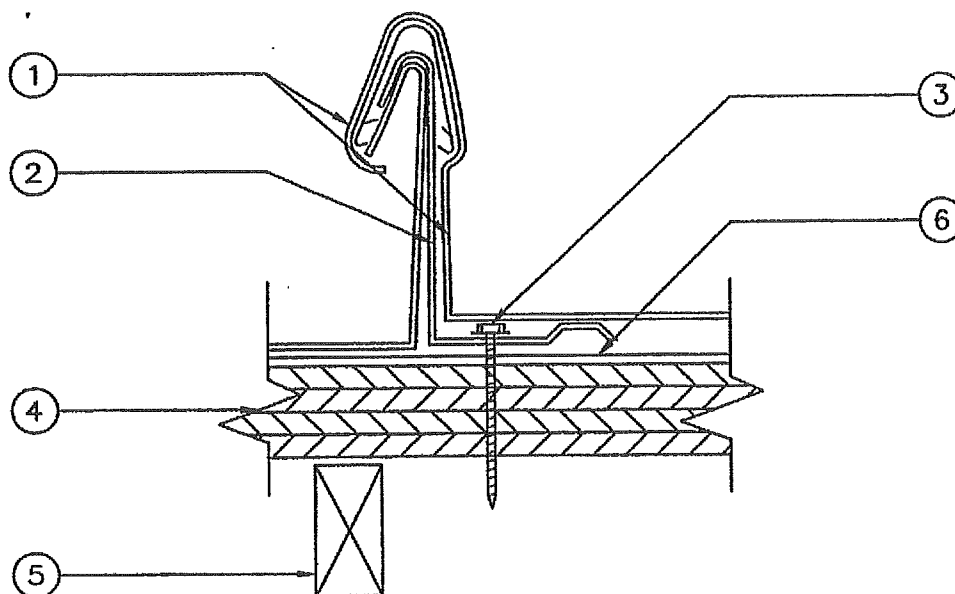
**Berridge  
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Company**

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

PAGE\FILE  
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.

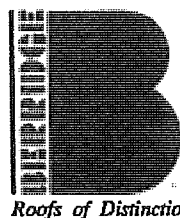
\* BEARING THE UL CLASSIFICATION MARKING.

DATE: 08-22-05

UL 90 APPROVED ASSEMBLY  
CONSTRUCTION NO. 404

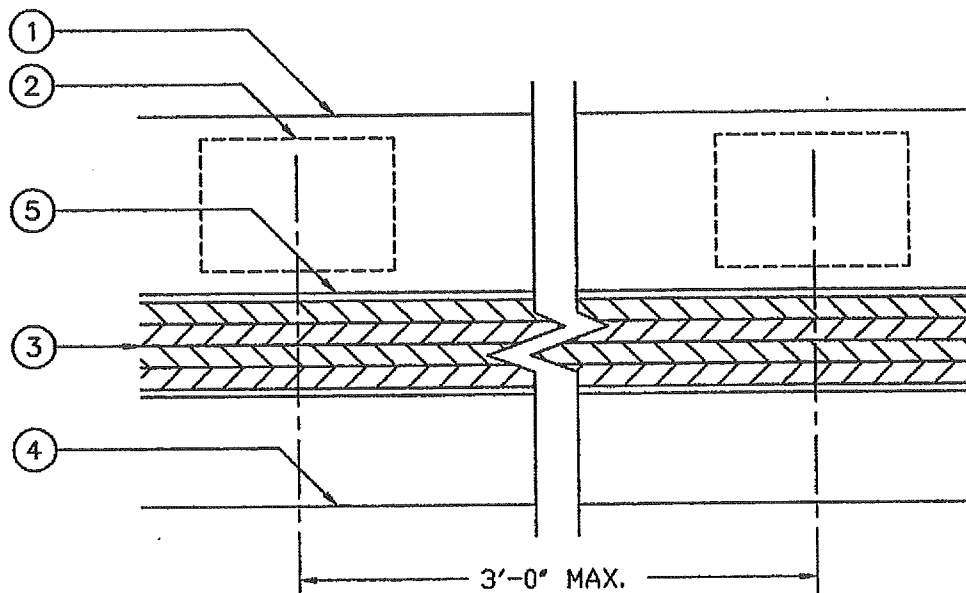
PAGE\FILE  
CL-95

**CEE-LOCK PANEL**



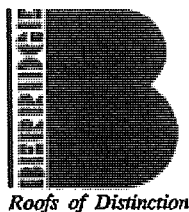
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Company**

*Roofs of Distinction*



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**

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UL 90 APPROVED ASSEMBLY  
CONSTRUCTION NO. 404

**CEE-LOCK PANEL**

DATE: 08-22-05

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