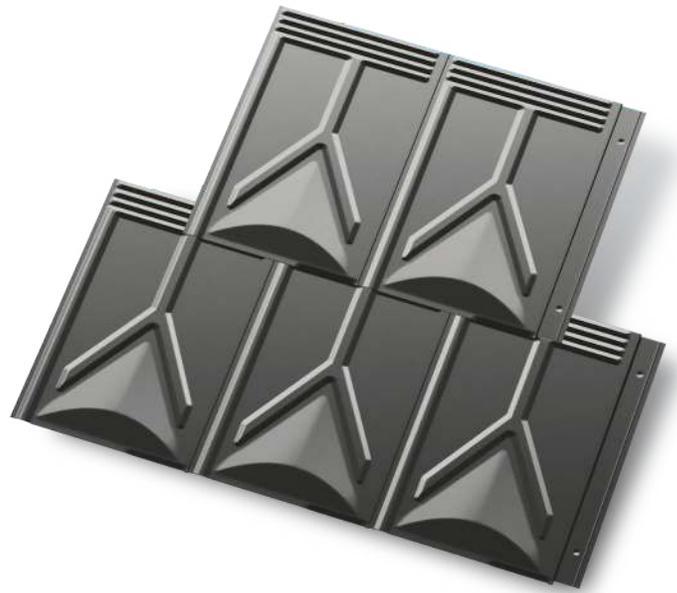
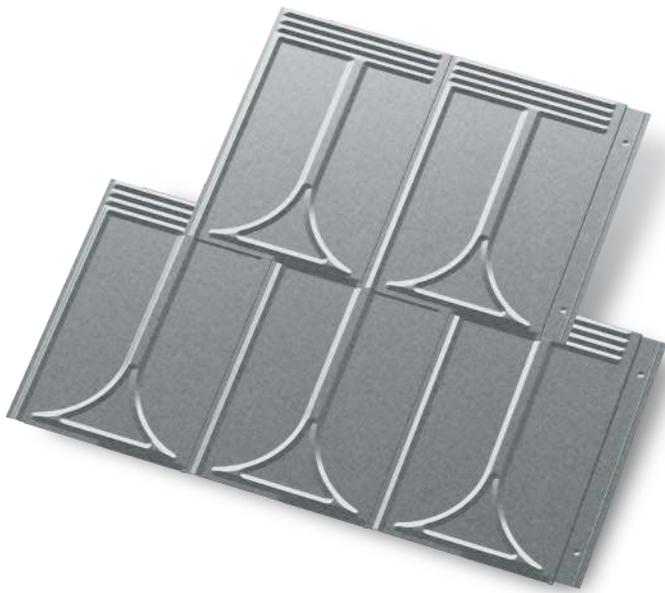


# VICTORIAN AND CLASSIC SHINGLES INSTALLATION DETAILS



**BERRIDGE  
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COMPANY**

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## INDEX

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- A. BERRIDGE VICTORIAN AND CLASSIC SHINGLE:  
BERRIDGE VICTORIAN AND CLASSIC SHINGLES HAVE AN EXPOSURE OF 9" x 12".
- B. MINIMUM SLOPE: THE VICTORIAN AND CLASSIC SHINGLES ARE RECOMMENDED FOR SLOPES OF 3:12 OR GREATER.
- 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.

- D. STRIPPABLE FILM: THE STRIPPABLE PLASTIC FILM WHICH IS APPLIED OVER MOST BERRIDGE PREFINISHED PRODUCTS, PANELS, FLASHINGS, COILS AND FLAT SHEETS PROTECTS THE FINISH DURING FABRICATION AND TRANSIT. THIS FILM MUST BE REMOVED PRIOR TO INSTALLATION.
- E. SOLID SHEATHING REQUIREMENTS: BERRIDGE MANUFACTURING COMPANY RECOMMENDS THE USES OF A MINIMUM OF 1/2" SOLID WOOD SHEATHING TO PROVIDE SUFFICIENT HOLDING POWER FOR FASTENERS. CONTACT BERRIDGE MANUFACTURING'S ENGINEERING DEPARTMENT FOR USE OF ANY OTHER TYPE OF SOLID SHEATHING.
- 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 ON PLYWOOD IF JOINTS DO NOT REMAIN FLAT UNDER THE WEIGHT OF WORKMEN.
  - 4. USE SHIMS TO KEEP ENTIRE SUBSTRATE EVEN. SUBSTRATE SHOULD BE LEVEL TO 1/4" IN 20'-0".
  - 5. ALL CUTS AT PENETRATIONS SHOULD BE TIGHT, WITHOUT GAPS.
  - 6. USE WOOD FRAMED CRICKETS AT LARGE PENETRATIONS.
  - 7. MAKE SURE SUBSTRATE JOINTS ARE TIGHT AT ALL HIPS, VALLEYS AND RIDGES.
- G. 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 ROOF SUBSTRATE SHEATHING.
- H. UNDERLAYMENT: MINIMUM #30 FELT OR BERRIDGE APPROVED 40 MIL MINIMUM, HIGH TEMPERATURE PEEL & STICK UNDERLAYMENT MUST BE APPLIED OVER SOLID SHEATHING AS SHOWN IN THE BERRIDGE MANUFACTURING COMPANY TYPICAL VICTORIAN & CLASSIC SHINGLE INSTALLATION DETAILS. THE USE OF ADDITIONAL LAYERS OF UNDERLAYMENT IS REQUIRED ON LOW-SLOPED ROOFS, AT ALL VALLEY CONDITIONS, AT ROOF PENETRATIONS, AND CERTAIN OTHER FLASHING CONDITIONS AS DEPICTED THROUGHOUT THE TYPICAL DETAILS. BERRIDGE APPROVED PEEL AND STICK UNDERLAYMENT MAY BE REQUIRED ON LOW SLOPED ROOFS OR AT CERTAIN FLASHING CONDITIONS. BOTH UNDERLAYMENT INSTALLATION DETAILS AND APPROVED UNDERLAYMENTS AND SEALANTS LIST CAN BE FOUND ON BERRIDGE'S WEBSITE: [WWW.BERRIDGE.COM](http://WWW.BERRIDGE.COM)

APPROVED UNDERLAYMENTS AND SEALANTS

UNDERLAYMENT INSTALLATION DETAILS

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I. 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 3:12. 2 LAYERS REQUIRED AT EAVE REGARDLESS OF SLOPE.
6. INSULATE BETWEEN WOOD BLOCKING AND METAL WITH FELT OR ICE AND WATER SHIELD.

J. 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.

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

L. FLASHING INSTALLATION:

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

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

M. SHINGLE INSTALLATION:

1. REMOVE STRIPPABLE PLASTIC FILM FROM EACH SHINGLE PRIOR TO INSTALLATION.
2. START AT LOWER LEFT EAVE CORNER AND STAGGER AS SHOWN ON DETAIL VS-5 & CS-5.
3. USE CHALK LINES TO KEEP SHINGLES STRAIGHT.
4. SHINGLES INTERLOCK AT SIDE LAP AND OVERLAP FROM COURSE TO COURSE.
5. WHEN SHINGLES REACH THE VALLEY OR HIP TRIM THE SHINGLES SO THAT THEY FIT TIGHT INTO J-CLIPS.
6. TRIM SHINGLES AS NECESSARY AT THE RIDGE SO THAT THE BOTTOM EDGE OF THE SHINGLE FOLLOWS THE PATTERN OF THE OTHER SHINGLES AND THE TOP OF THE SHINGLE FITS TIGHT IN THE J-CLIP.



# INSTALLATION INSTRUCTIONS

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N. FASTENERS: INSTALL FASTENERS AS PER TYPICAL DETAILS. USE LOAD CHARTS LOCATED UNDER THE "DOWNLOADS" TAB ON [WWW.BERRIDGE.COM](http://WWW.BERRIDGE.COM) FOR FASTENER RECOMMENDATIONS ACCORDING TO SUBSTRATE.\*\*

VICTORIAN & CLASSIC SHINGLES LOAD CHART

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

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

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

APPROVED UNDERLAYMENTS AND SEALANTS

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. ALL THESE MEASURES HAVE BEEN TAKEN TO MINIMIZE THE AMOUNT OF "OIL-CANNING" (WAVINESS) WHICH IS NATURALLY INHERENT IN FLAT SHEET METAL. MANY TIMES; HOWEVER, THE CAUSE OF WAVINESS OR "OIL-CANNING" CAN BE TRACED TO UNEVEN SHEATHING, IMPROPER UNDERLAYMENT INSTALLATION, OR 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 VICTORIAN OR CLASSIC SHINGLES.

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



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# INSTALLATION INSTRUCTIONS

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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 THE 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 JOINT ADEQUATELY CAULKED, AND PROFESSIONAL WORKMANSHIP EMPLOYED.



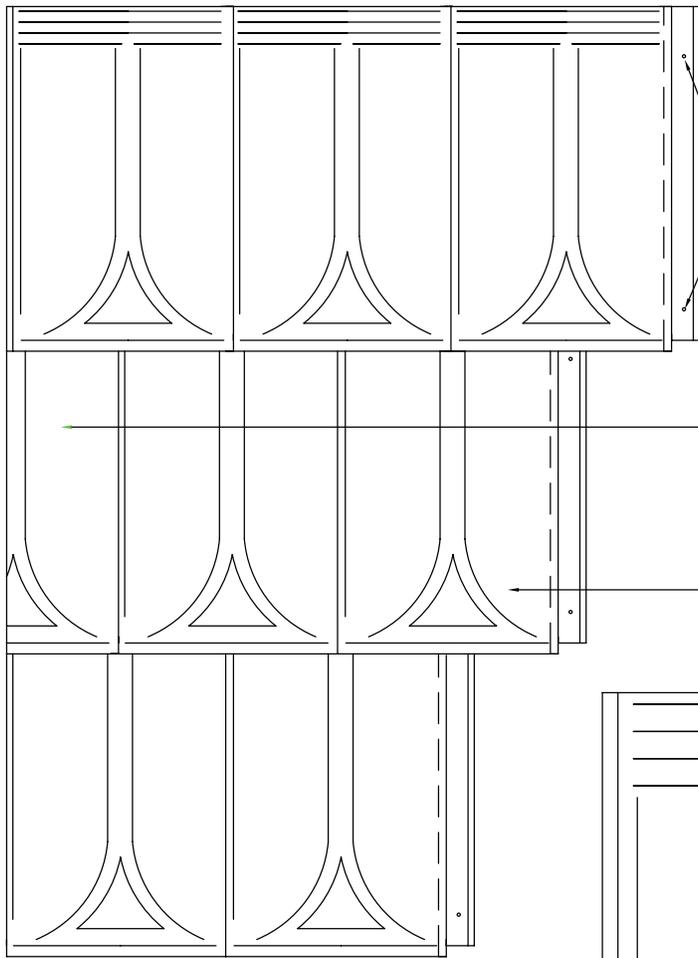
**BERRIDGE  
MANUFACTURING  
COMPANY**

## INTRODUCTION TO TYPICAL DETAILS

### Victorian or Classic Shingles

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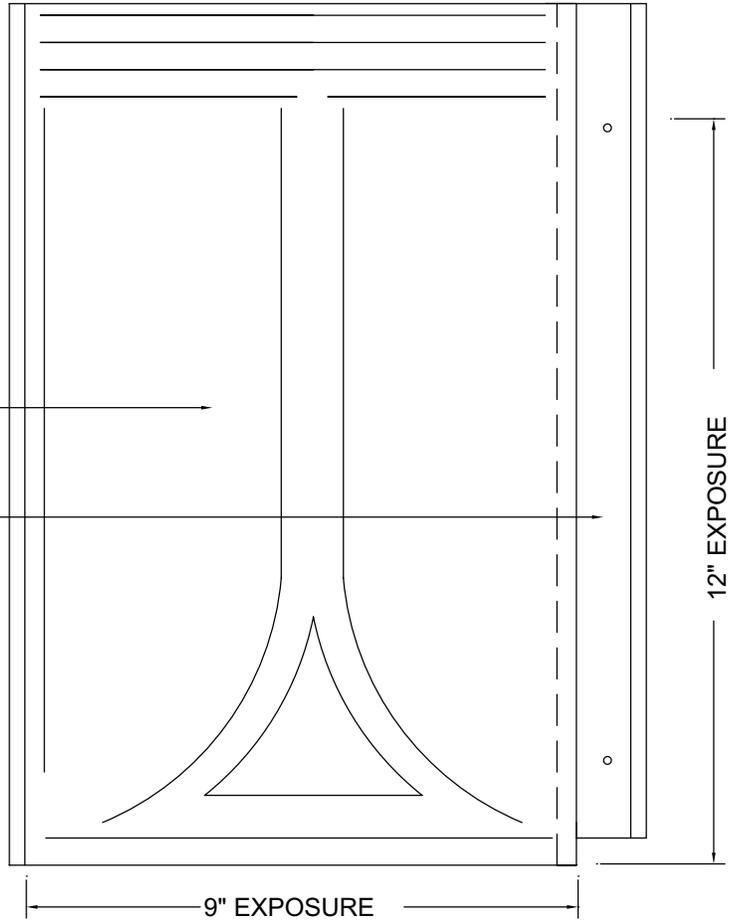
MINIMUM 2 FASTENERS  
AT LOCK SEAM

FIELD CUT 1/2 SHINGLE  
TO CREATE STAGGERED  
PATTERN

BERRIDGE VICTORIAN SHINGLES

BERRIDGE VICTORIAN SHINGLE

LOCK SEAM



9" EXPOSURE

12" EXPOSURE



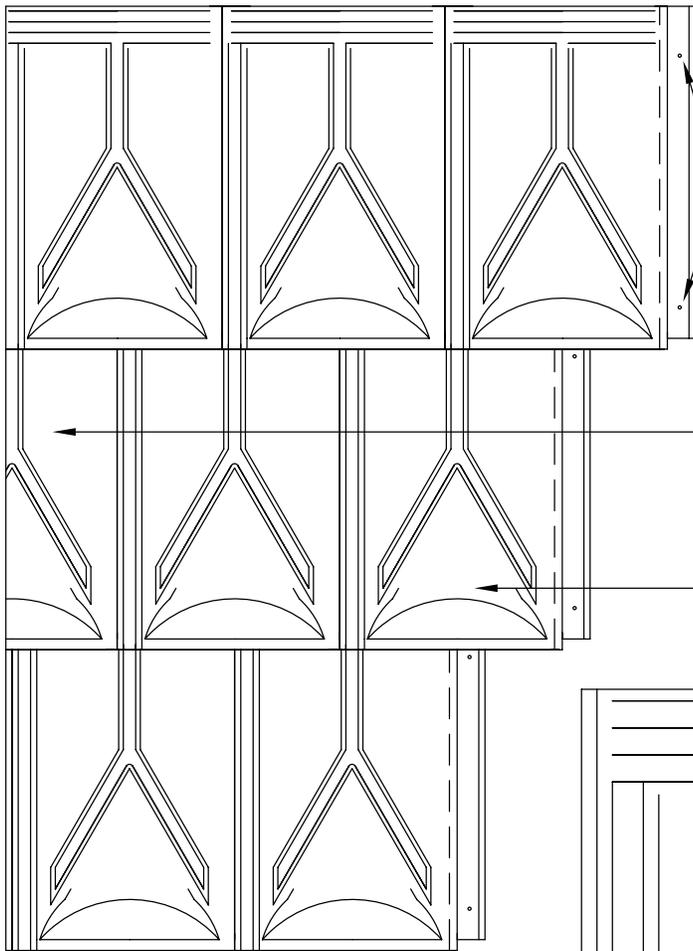
**BERRIDGE  
MANUFACTURING  
COMPANY**

**OVERVIEW**

**Victorian Shingle**

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VS-5



MINIMUM 2 FASTENERS  
AT LOCK SEAM

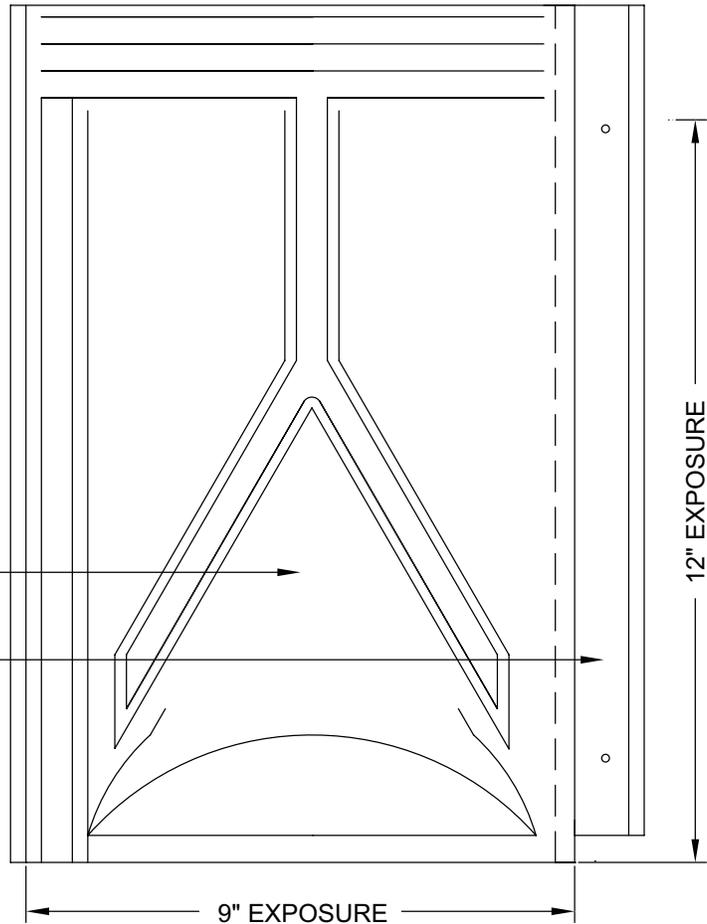
FIELD CUT 1/2 SHINGLE  
TO CREATE STAGGERED  
PATTERN

BERRIDGE CLASSIC SHINGLES

START AT EAVE, WORK  
FROM LEFT TO RIGHT

BERRIDGE CLASSIC SHINGLE

LOCK SEAM



12" EXPOSURE

9" EXPOSURE



**BERRIDGE  
MANUFACTURING  
COMPANY**

## OVERVIEW

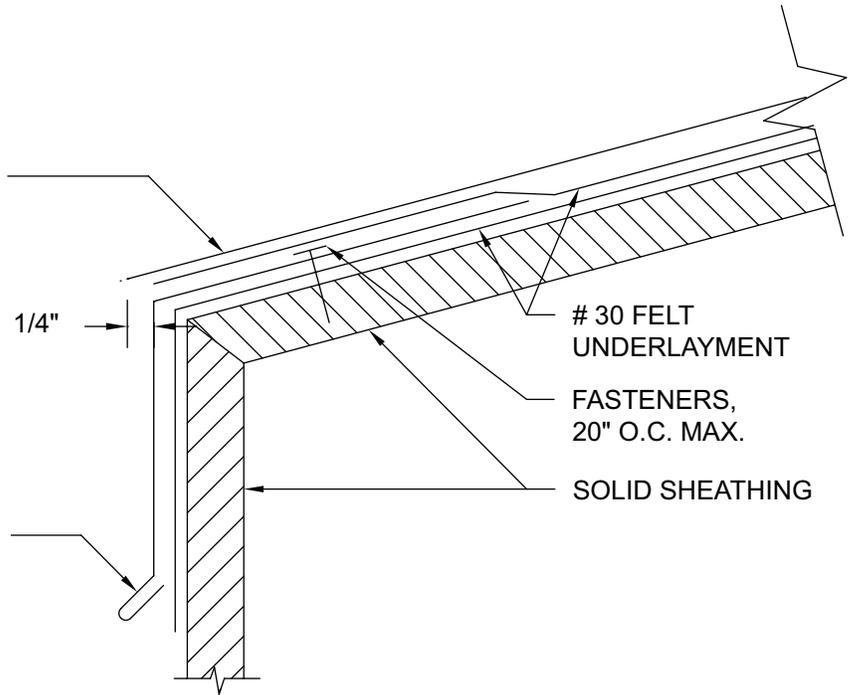
### Classic Shingle

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CS-5

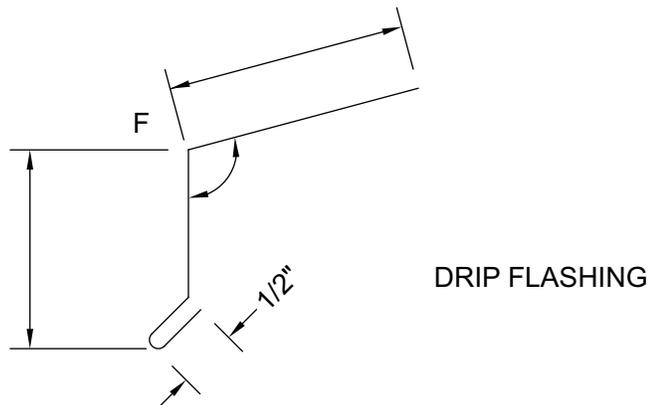
BERRIDGE VICTORIAN OR CLASSIC SHINGLE

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



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



**BERRIDGE  
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## EAVE DETAIL

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RIDGE/HIP CAP; 4" END LAPS WITH  
CONTINUOUS CAULK AT LAPS.  
POP RIVET TO J-CLIP  
20" O.C. MAX. CAULK RIVET HEADS

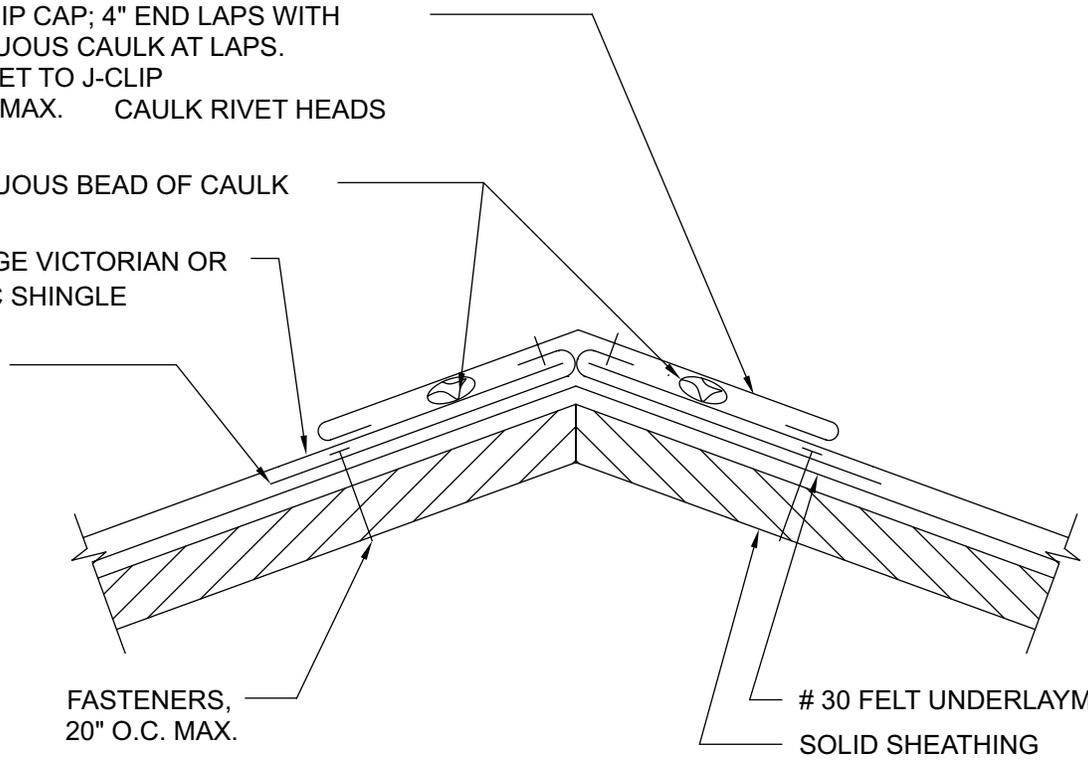
CONTINUOUS BEAD OF CAULK

BERRIDGE VICTORIAN OR  
CLASSIC SHINGLE

J-CLIP

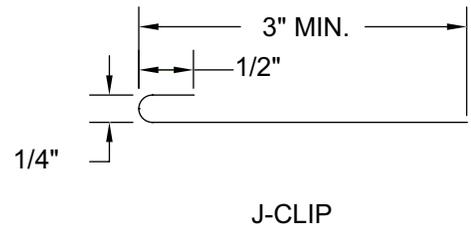
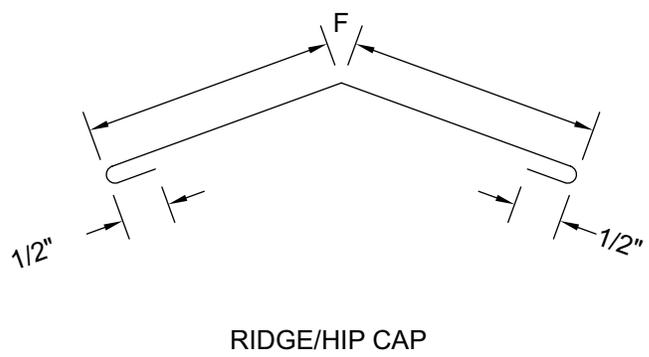
FASTENERS,  
20" O.C. MAX.

# 30 FELT UNDERLAYMENT  
SOLID SHEATHING



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

F = FINISH SIDE



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MANUFACTURING  
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## RIDGE AND HIP DETAIL

Victorian or Classic Shingles

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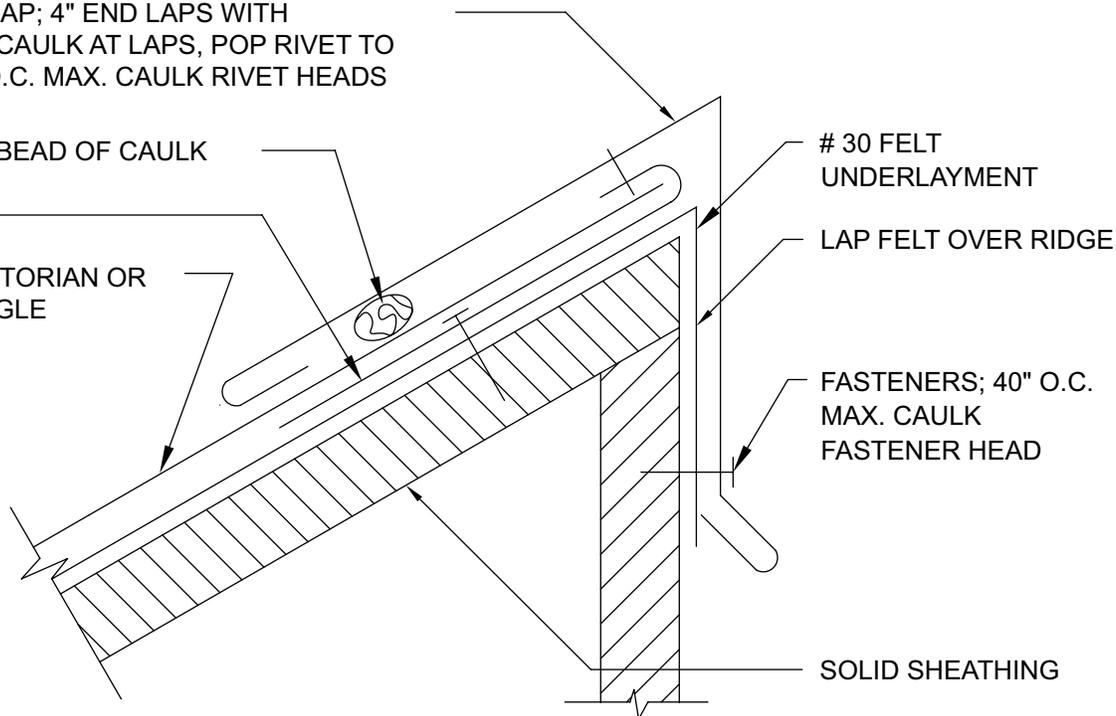
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SHED RIDGE CAP; 4" END LAPS WITH CONTINUOUS CAULK AT LAPS, POP RIVET TO J-CLIP AT 20" O.C. MAX. CAULK RIVET HEADS

CONTINUOUS BEAD OF CAULK

J-CLIP

BERRIDGE VICTORIAN OR CLASSIC SHINGLE



SOLID SHEATHING

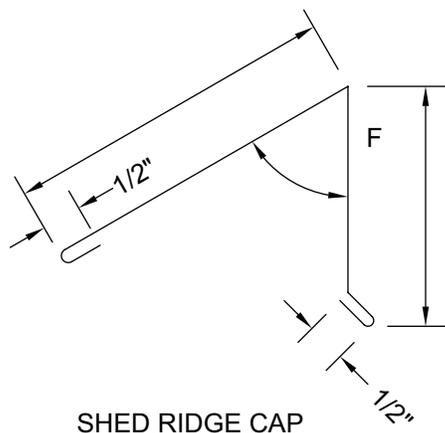
FASTENERS; 40" O.C. MAX. CAULK FASTENER HEAD

LAP FELT OVER RIDGE

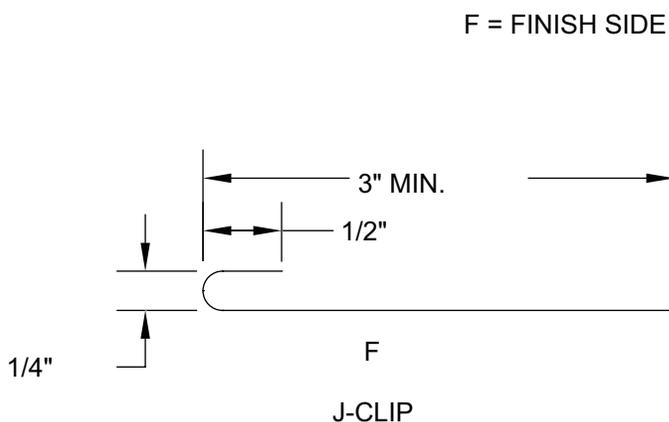
# 30 FELT UNDERLAYMENT

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.



SHED RIDGE CAP



J-CLIP



**BERRIDGE**  
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## SHED ROOF RIDGE CAP DETAIL

Victorian or Classic Shingles

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# SECTION VIEW

FIELD FORM END OF RIDGE FLASHING AND EXTEND UNDER J-CLIP

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

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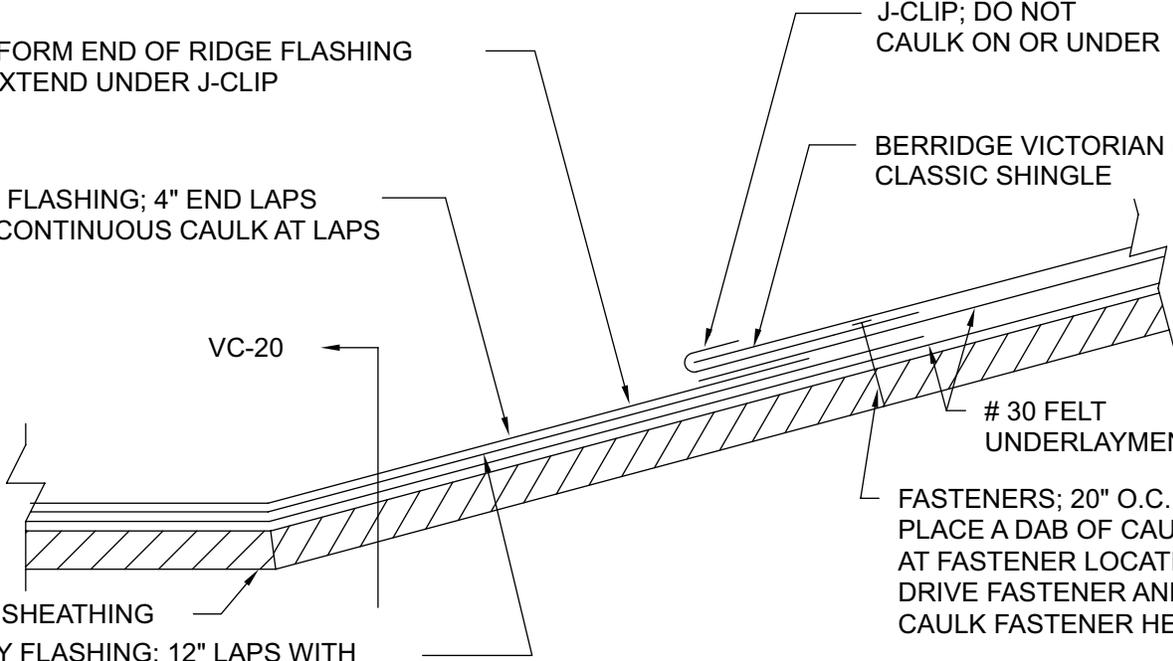
SOLID SHEATHING  
VALLEY FLASHING; 12" LAPS WITH CONTINUOUS CAULK AT LAPS

J-CLIP; DO NOT CAULK ON OR UNDER

BERRIDGE VICTORIAN OR CLASSIC SHINGLE

# 30 FELT UNDERLAYMENT

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



# PLAN VIEW

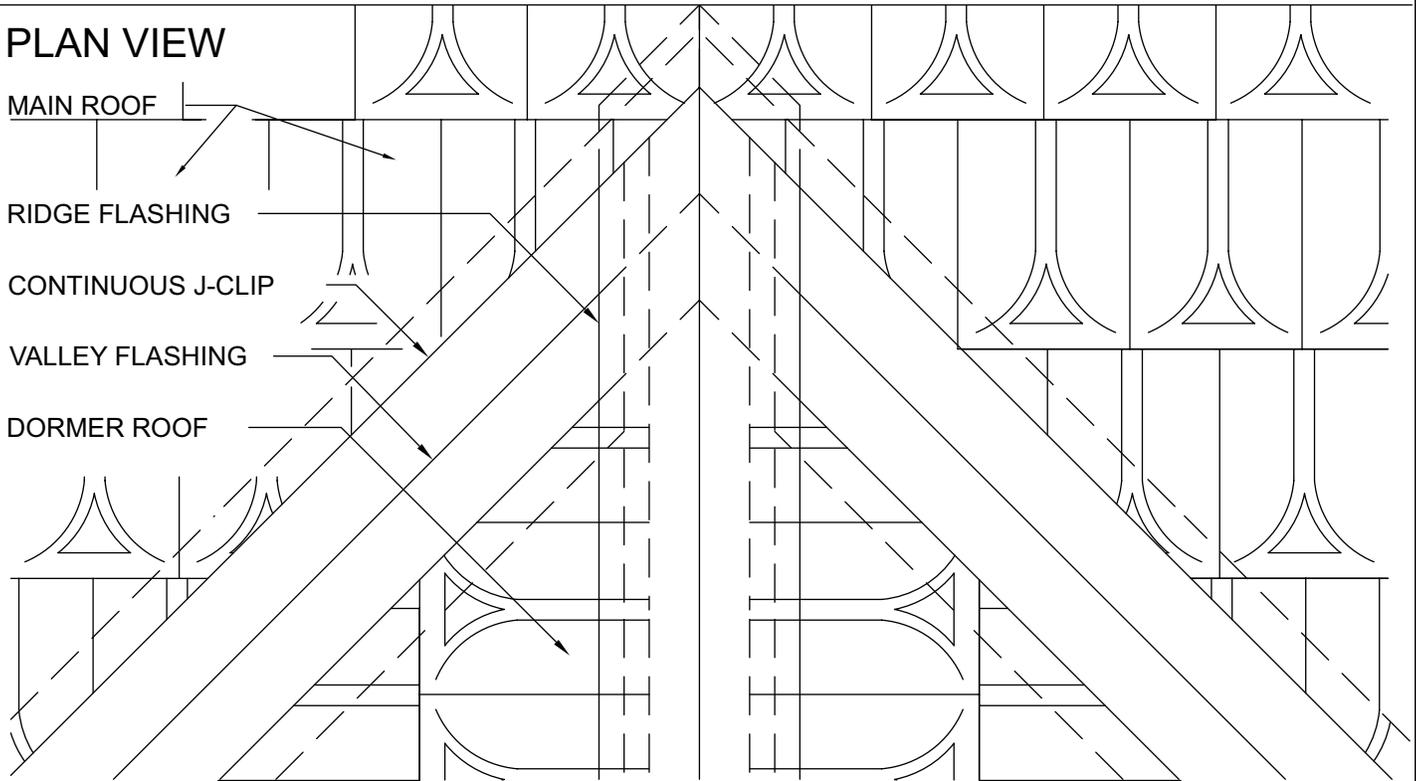
MAIN ROOF

RIDGE FLASHING

CONTINUOUS J-CLIP

VALLEY FLASHING

DORMER ROOF



**BERRIDGE**  
MANUFACTURING  
COMPANY

*Roofs of Distinction*

**RIDGE TERMINATION AT  
DORMER VALLEY**

**Victorian or Classic Shingles**

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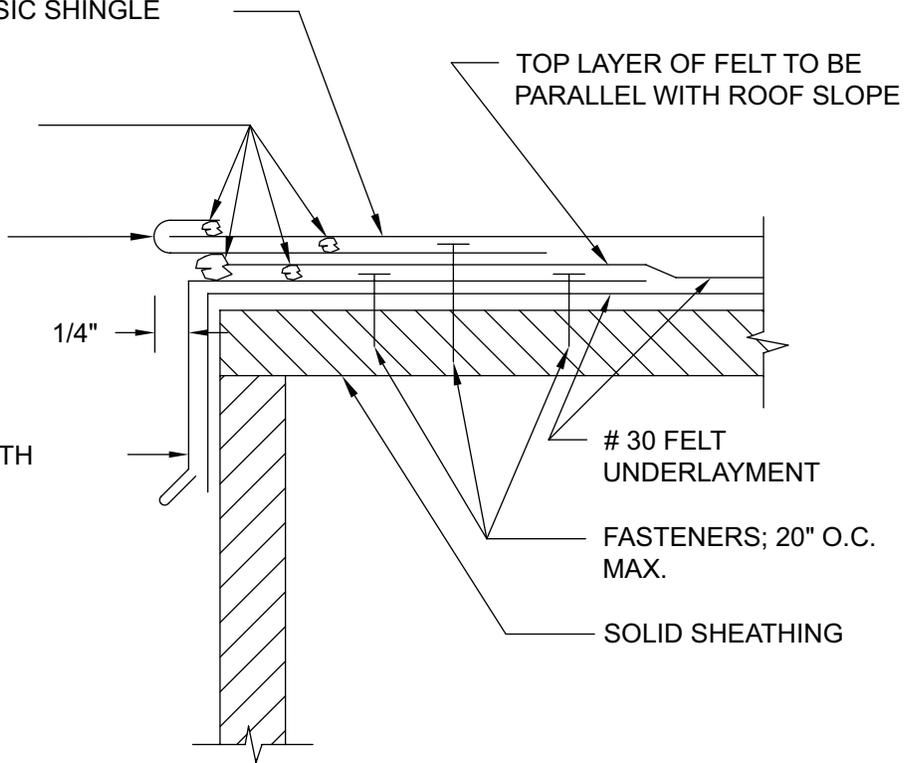
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BERRIDGE VICTORIAN OR CLASSIC SHINGLE

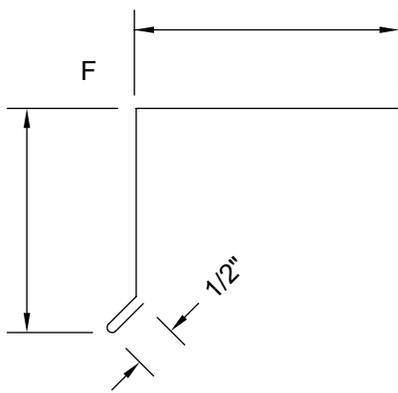
CONTINUOUS BEAD OF CAULK

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

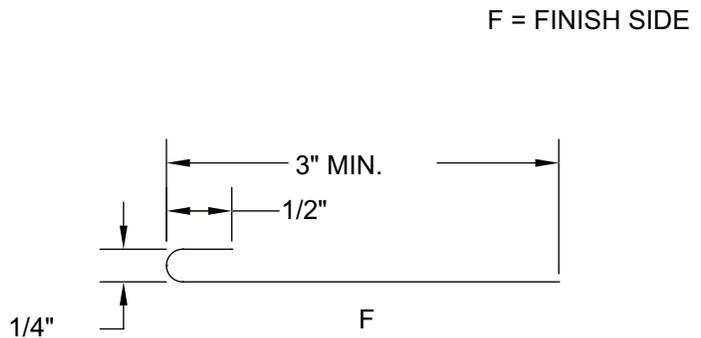
DRIP FLASHING; 4" END LAPS WITH CONTINUOUS CAULK AT LAPS



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.



DRIP FLASHING



**BERRIDGE  
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## GABLE DETAIL

Victorian or Classic Shingles

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

FASTENERS; 20" O.C. MAX.

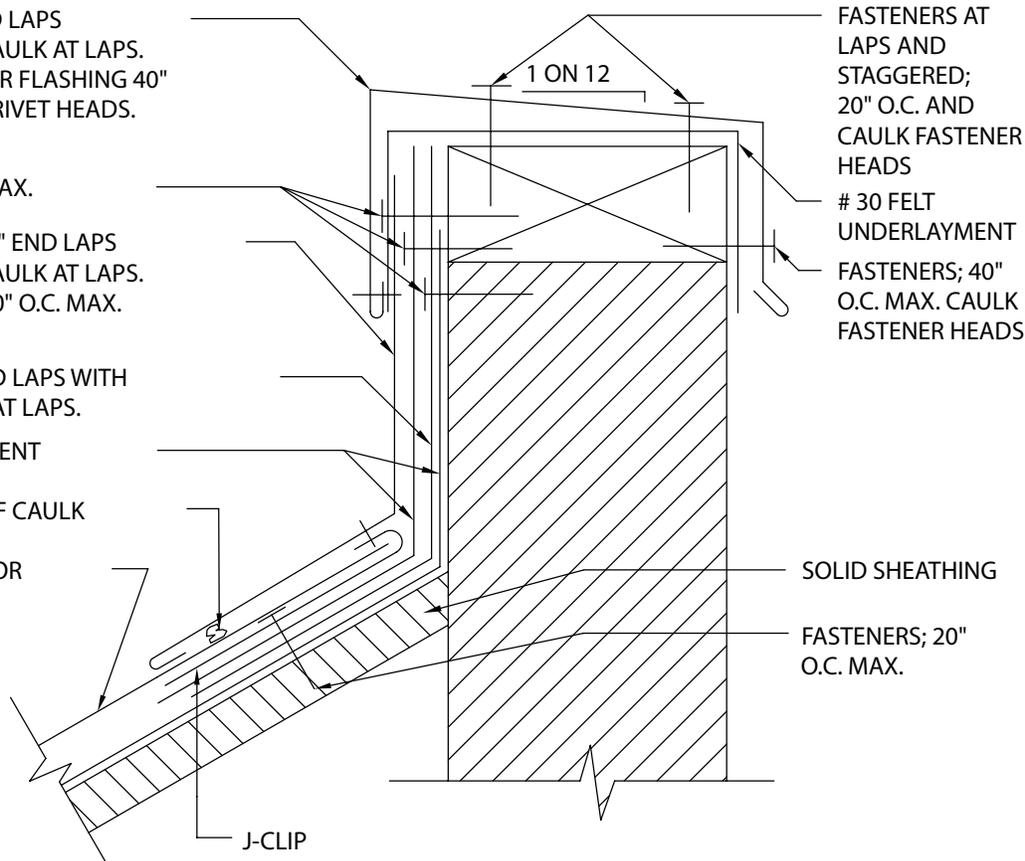
COUNTERFLASHING; 4" END LAPS WITH CONTINUOUS CAULK AT LAPS. POP RIVET TO J-CLIP 40" O.C. MAX. CAULK RIVET HEADS

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

# 30 FELT UNDERLAYMENT

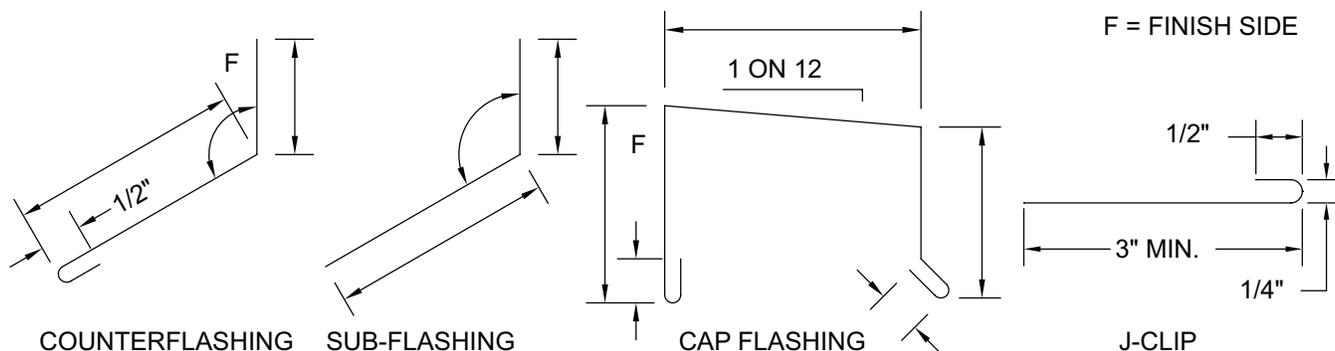
CONTINUOUS BEAD OF CAULK

BERRIDGE VICTORIAN OR CLASSIC SHINGLE



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.



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## PARAPET DETAIL

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BERRIDGE FASCIA PANEL

COUNTERFLASHING; 4" END LAPS WITH CONTINUOUS CAULK AT LAPS. POP RIVET TO J-CLIP 40" O.C. MAX. CAULK RIVET HEADS

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

J-CLIP

CONTINUOUS BEAD OF CAULK

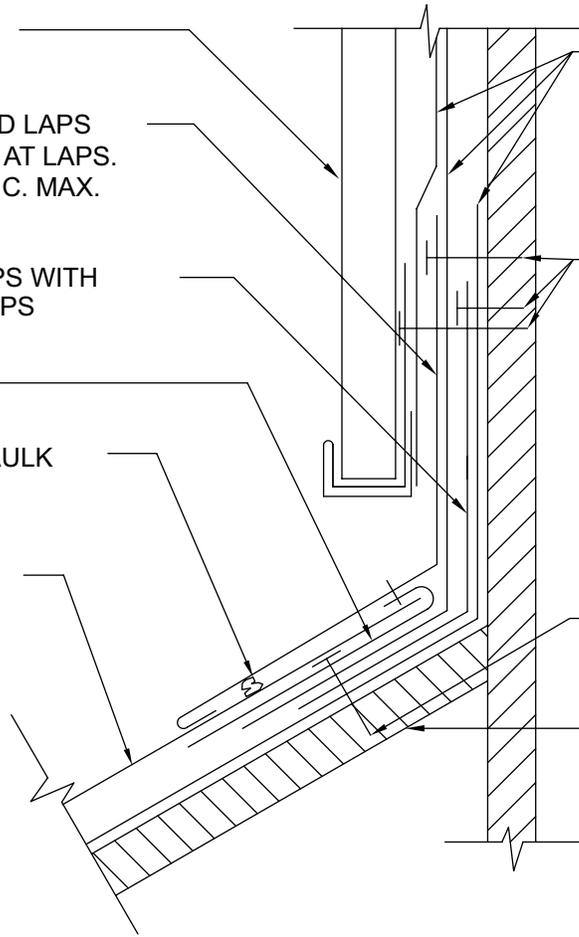
BERRIDGE VICTORIAN OR CLASSIC SHINGLE

# 30 FELT UNDERLAYMENT

FASTENERS; 20" O.C. MAX.

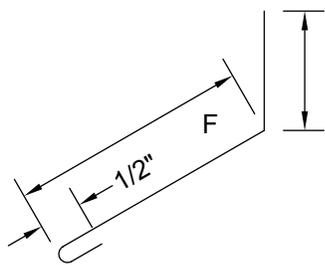
FASTENERS; 20" O.C. MAX.

SOLID SHEATHING

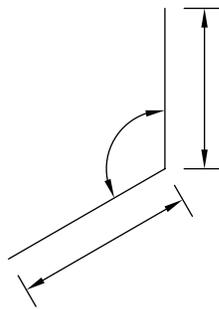


1. SOLID SHEATHING (BY OTHERS) TO BE MINIMUM 1/2" PLYWOOD OR EQUIVALENT IN STRENGTH FOR HOLDING POWER OF FASTENERS.

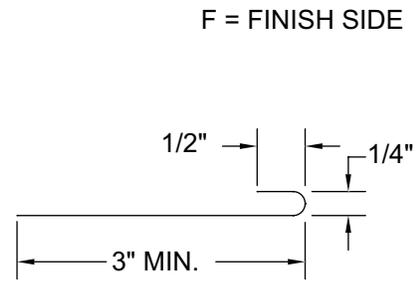
2. ALL FELT UNDERLAYMENT, CAULKING, AND FASTENERS, ARE ITEMS TO BE FURNISHED AND INSTALLED BY THE ROOFING INSTALLER AT THE DISCRETION OF THE ARCHITECT.



COUNTERFLASHING



SUB-FLASHING



J-CLIP



**BERRIDGE**  
MANUFACTURING  
COMPANY

## EAVE DETAIL

Victorian or Classic Shingles

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REGLET 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 J-CLIP 40" O.C. MAX.  
CAULK RIVET HEADS

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

# 30 FELT UNDERLAYMENT

J-CLIP

CONTINUOUS BEAD OF CAULK

BERRIDGE VICTORIAN OR CLASSIC SHINGLE

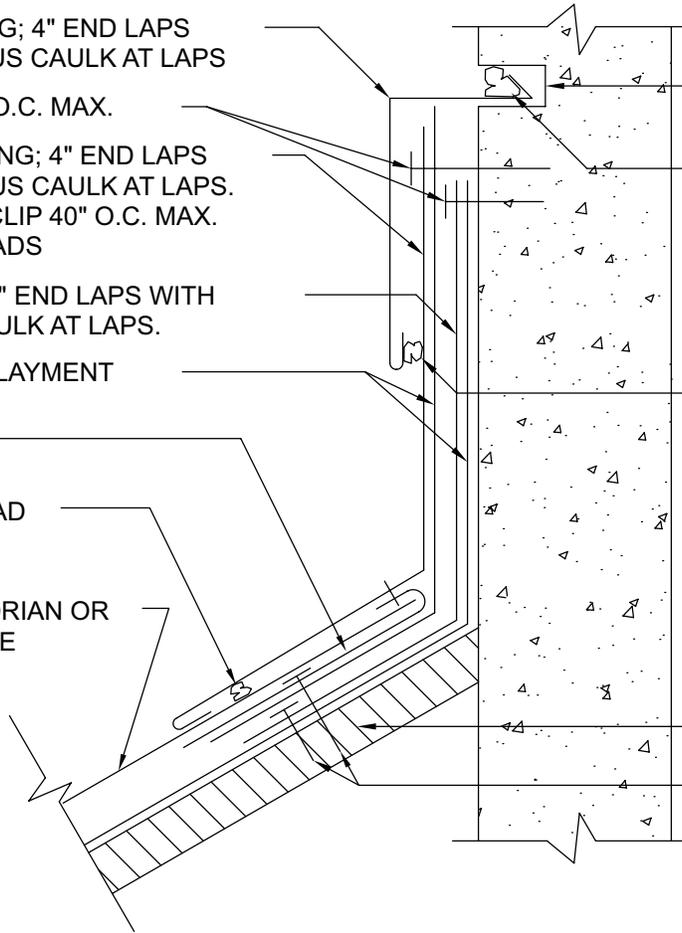
REGLET

CONTINUOUS CAULK AT REGLET

CONTINUOUS BEAD OF CAULK

SOLID SHEATHING

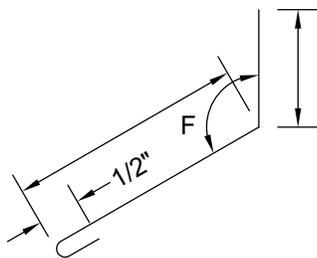
FASTENERS; 20" O.C. MAX.



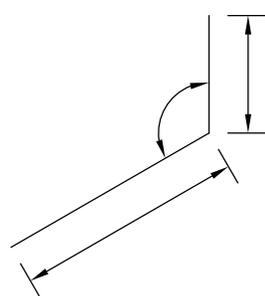
1. SOLID SHEATHING (BY OTHERS) TO BE MINIMUM 1/2" PLYWOOD OR EQUIVALENT IN STRENGTH FOR HOLDING POWER OF FASTENERS.

2. ALL FELT UNDERLAYMENT, CAULKING, AND FASTENERS, ARE ITEMS TO BE FURNISHED AND INSTALLED BY THE ROOFING INSTALLER AT THE DISCRETION OF THE ARCHITECT.

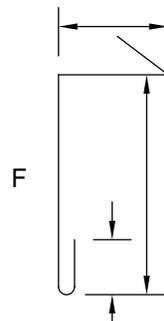
F = FINISH SIDE



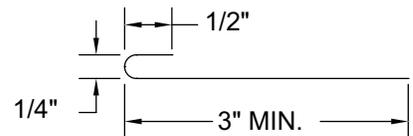
COUNTERFLASHING



SUB-FLASHING



REGLET FLASHING



J-CLIP



**BERRIDGE**  
MANUFACTURING  
COMPANY

## HEAD WALL DETAIL

Victorian or Classic Shingles

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# 30 FELT UNDERLAYMENT

BERRIDGE FASCIA PANEL

FASTENERS; 20" O.C. MAX.

FLASHING; 4" END LAPS WITH CONTINUOUS CAULK AT LAPS  
POP RIVET TO J-CLIP 40" O.C. CAULK RIVET HEADS

J-CLIP

CONTINUOUS BEAD OF CAULK

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

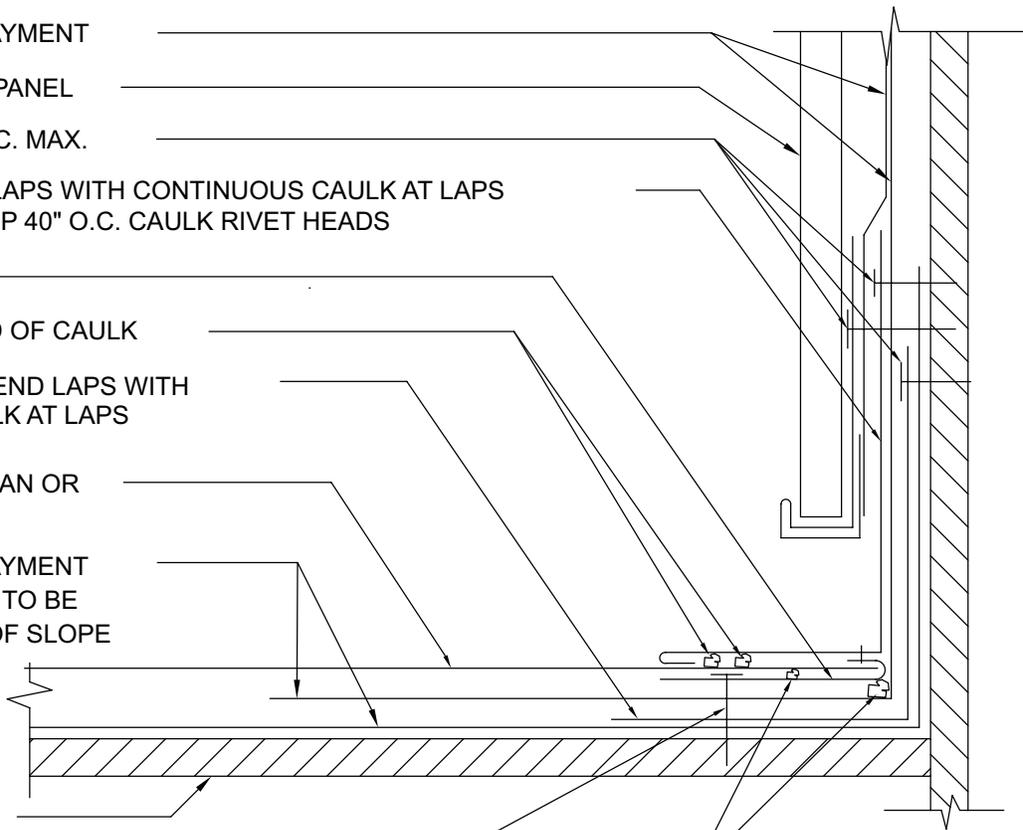
BERRIDGE VICTORIAN OR  
CLASSIC SHINGLE

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

SOLID SHEATHING

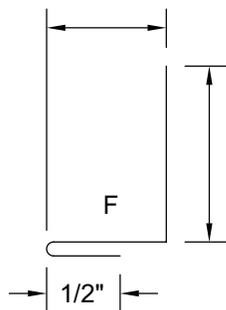
FASTENER; 20" O.C. MAX. PLACE A DAB  
OF CAULK AT FASTENER LOCATION  
DRIVE FASTENER AND CAULK FASTENER HEAD

CONTINUOUS BEAD  
OF CAULK

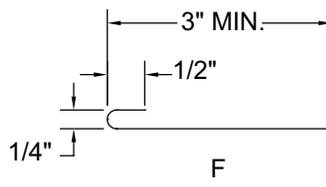


1. SOLID SHEATHING (BY OTHERS) TO BE MINIMUM 1/2" PLYWOOD OR EQUIVALENT IN STRENGTH FOR HOLDING POWER OF FASTENERS.

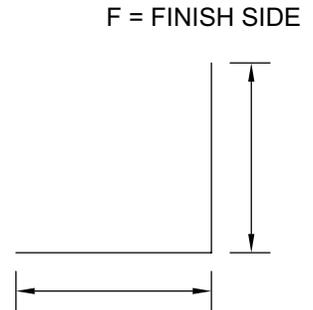
2. ALL FELT UNDERLAYMENT, CAULKING, AND FASTENERS, ARE ITEMS TO BE FURNISHED AND INSTALLED BY THE ROOFING INSTALLER AT THE DISCRETION OF THE ARCHITECT.



FLASHING



J-CLIP



SUB-FLASHING



**BERRIDGE  
MANUFACTURING  
COMPANY**

## RAKE WALL DETAIL

### Victorian or Classic Shingles

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

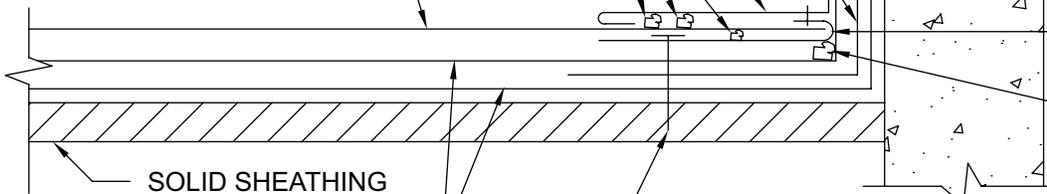
FASTENERS; 20" O.C. MAX.

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

FLASHING; 4" END LAPS WITH CONTINUOUS CAULK AT LAPS  
POP RIVET TO J-CLIP 40" O.C.  
CAULK RIVET HEADS

CONTINUOUS BEAD OF CAULK

BERRIDGE VICTORIAN OR CLASSIC SHINGLE



REGLET

CONTINUOUS CAULK AT REGLET

CONTINUOUS BEAD OF CAULK

J-CLIP

CONTINUOUS BEAD OF CAULK

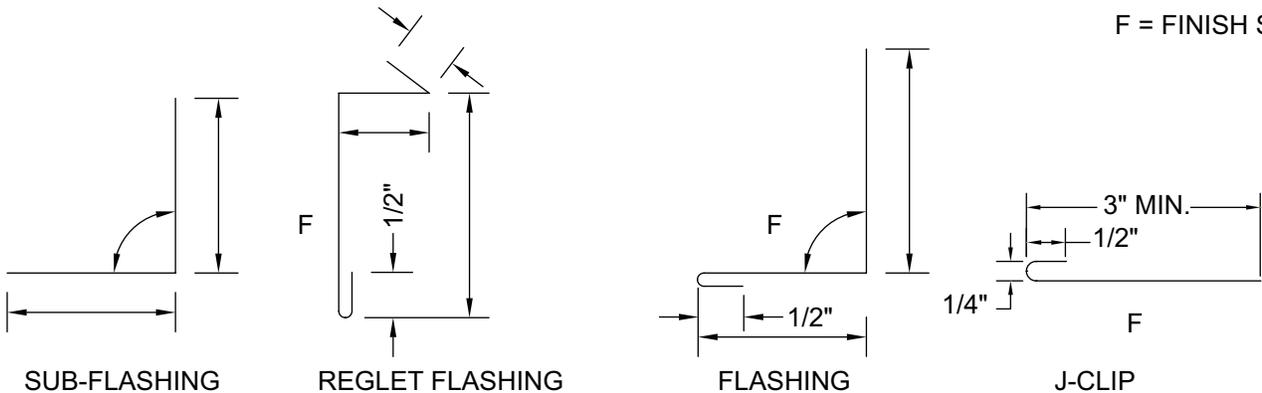
# 30 FELT UNDERLAYMENT  
TOP LAYER OF FELT TO BE PARALLEL WITH ROOF SLOPE

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

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



**BERRIDGE  
MANUFACTURING  
COMPANY**

## RAKE WALL DETAIL

Victorian or Classic Shingles

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BERRIDGE VICTORIAN  
OR CLASSIC SHINGLE

TRANSITION FLASHING; 4"  
END LAPS WITH CONTINUOUS  
CAULK AT LAPS. POP RIVET  
TO J-CLIP 40" O.C. MAX.  
CAULK RIVET HEAD

CONTINUOUS BEAD OF CAULK

BERRIDGE VICTORIAN  
OR CLASSIC SHINGLE

SOLID SHEATHING

# 30 FELT  
UNDERLAYMENT

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

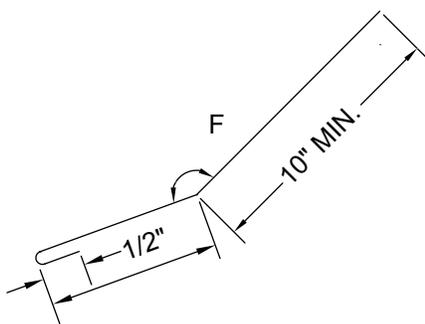
FASTENERS; 40" O.C.

J-CLIP

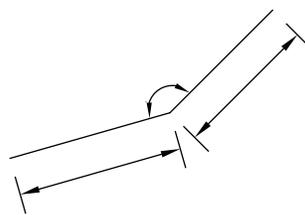
NOTE: PLACE A DAB OF CAULK AT  
J-CLIP FASTENER LOCATION, DRIVE  
FASTENER THROUGH CAULK, AND CAULK  
FASTENER HEADS.

1. SOLID SHEATHING (BY OTHERS) TO BE MINIMUM 1/2" PLYWOOD OR EQUIVALENT IN  
STRENGTH FOR HOLDING POWER OF FASTENERS.

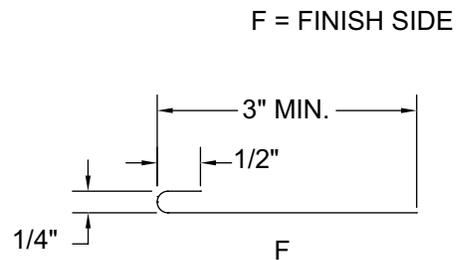
2. ALL FELT UNDERLAYMENT, CAULKING, AND FASTENERS, ARE ITEMS TO BE FURNISHED  
AND INSTALLED BY THE ROOFING INSTALLER AT THE DISCRETION OF THE ARCHITECT.



TRANSITION FLASHING



SUB-FLASHING



J-CLIP



BERRIDGE  
MANUFACTURING  
COMPANY

SLOPE TRANSITION DETAIL

Victorian or Classic Shingles

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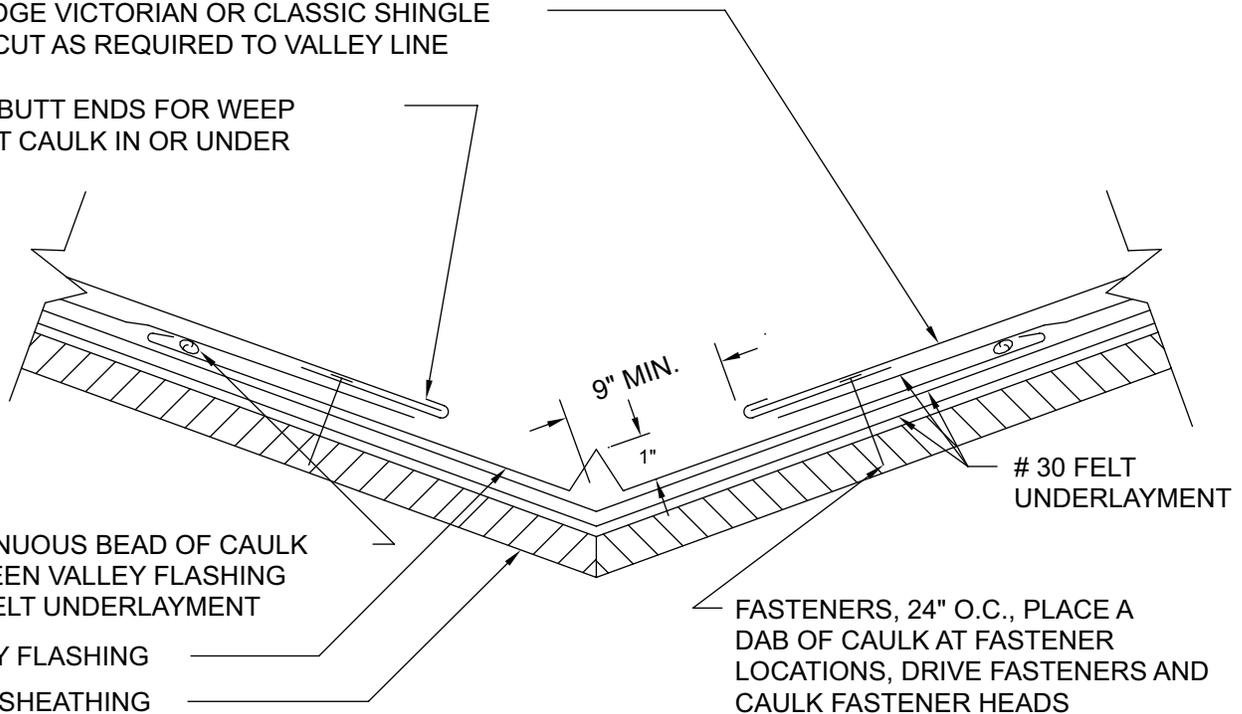
BERRIDGE VICTORIAN OR CLASSIC SHINGLE  
FIELD CUT AS REQUIRED TO VALLEY LINE

J-CLIP BUTT ENDS FOR WEEP  
DO NOT CAULK IN OR UNDER  
J-CLIP

CONTINUOUS BEAD OF CAULK  
BETWEEN VALLEY FLASHING  
AND FELT UNDERLAYMENT

VALLEY FLASHING  
SOLID SHEATHING

FASTENERS, 24" O.C., PLACE A  
DAB OF CAULK AT FASTENER  
LOCATIONS, DRIVE FASTENERS AND  
CAULK FASTENER HEADS



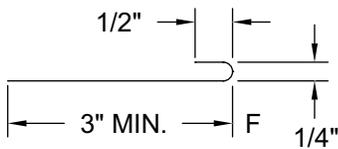
1. SOLID SHEATHING (BY OTHERS) TO BE A MINIMUM OF 1/2" PLYWOOD OR EQUIVALENT IN STRENGTH FOR HOLDING POWER OF FASTENERS.
2. ALL FELT UNDERLAYMENT, CAULKING, AND FASTENERS, ARE ITEMS TO BE FURNISHED AND INSTALLED BY THE ROOFING INSTALLER AT THE DISCRETION OF THE ARCHITECT.

F = FINISH SIDE

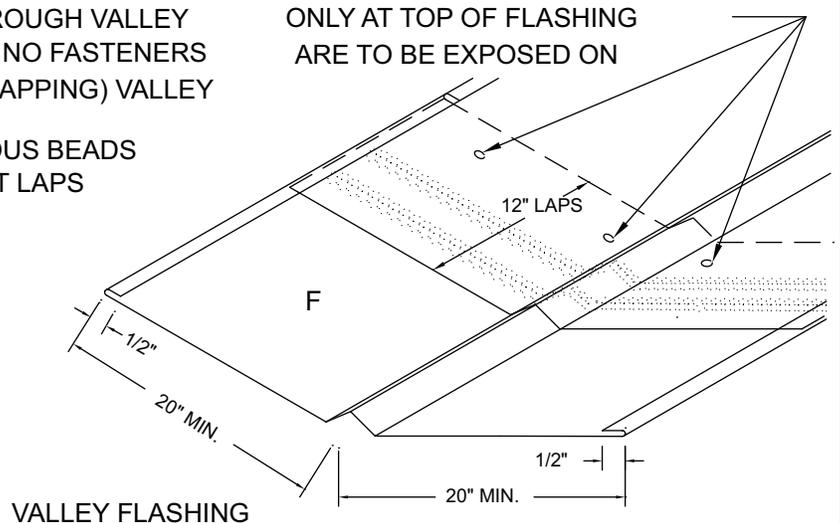
FASTEN THROUGH VALLEY  
UNDER LAP, NO FASTENERS  
TOP (OVERLAPPING) VALLEY

ONLY AT TOP OF FLASHING  
ARE TO BE EXPOSED ON

2 CONTINUOUS BEADS  
OF CAULK AT LAPS



J-CLIP



**BERRIDGE**  
MANUFACTURING  
COMPANY

## VALLEY DETAIL

Victorian or Classic Shingles

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ROOF PIPE PENETRATION OF  
4" IN DIA. OR LESS

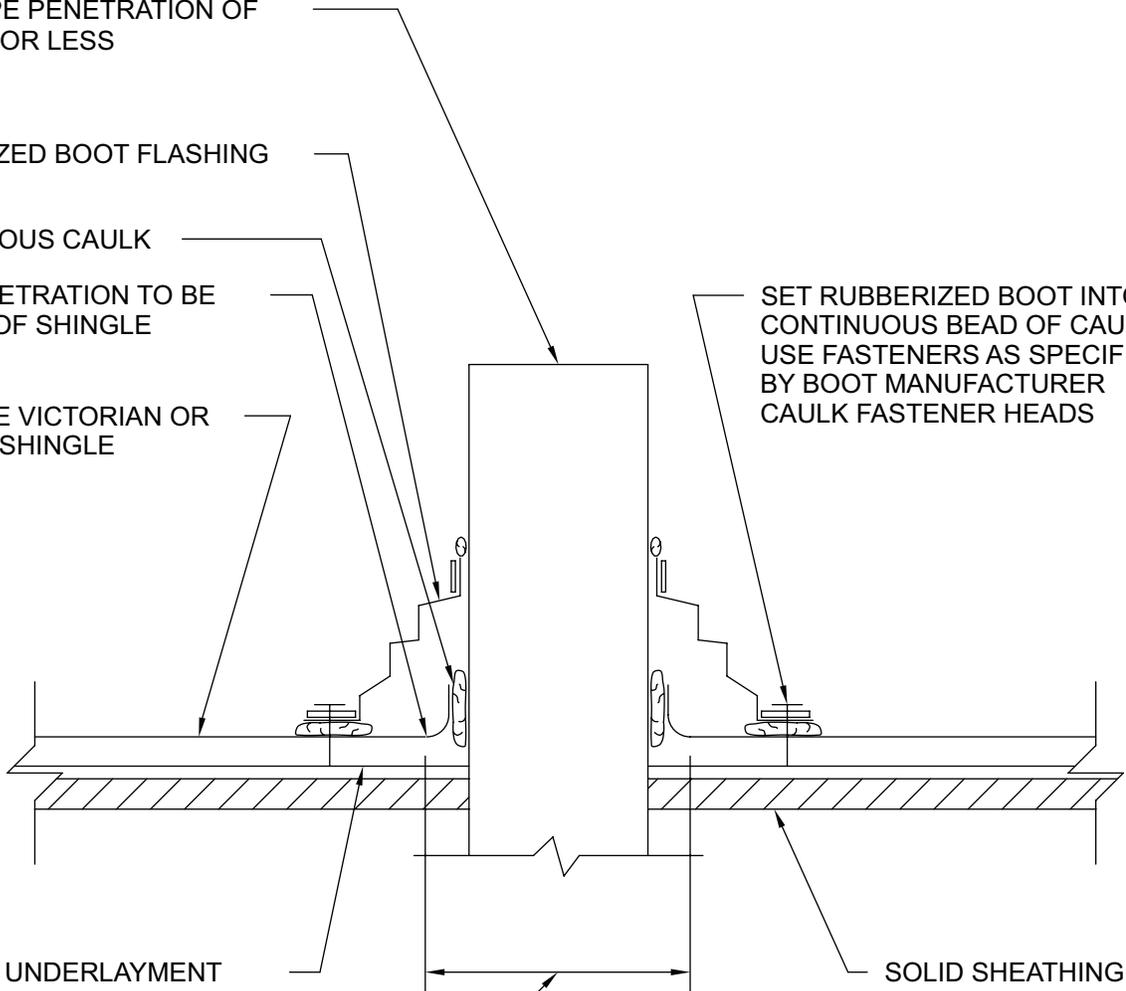
RUBBERIZED BOOT FLASHING

CONTINUOUS CAULK

PIPE PENETRATION TO BE  
IN BODY OF SHINGLE

BERRIDGE VICTORIAN OR  
CLASSIC SHINGLE

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



# 30 FELT UNDERLAYMENT

SOLID SHEATHING

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

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

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



**BERRIDGE  
MANUFACTURING  
COMPANY**

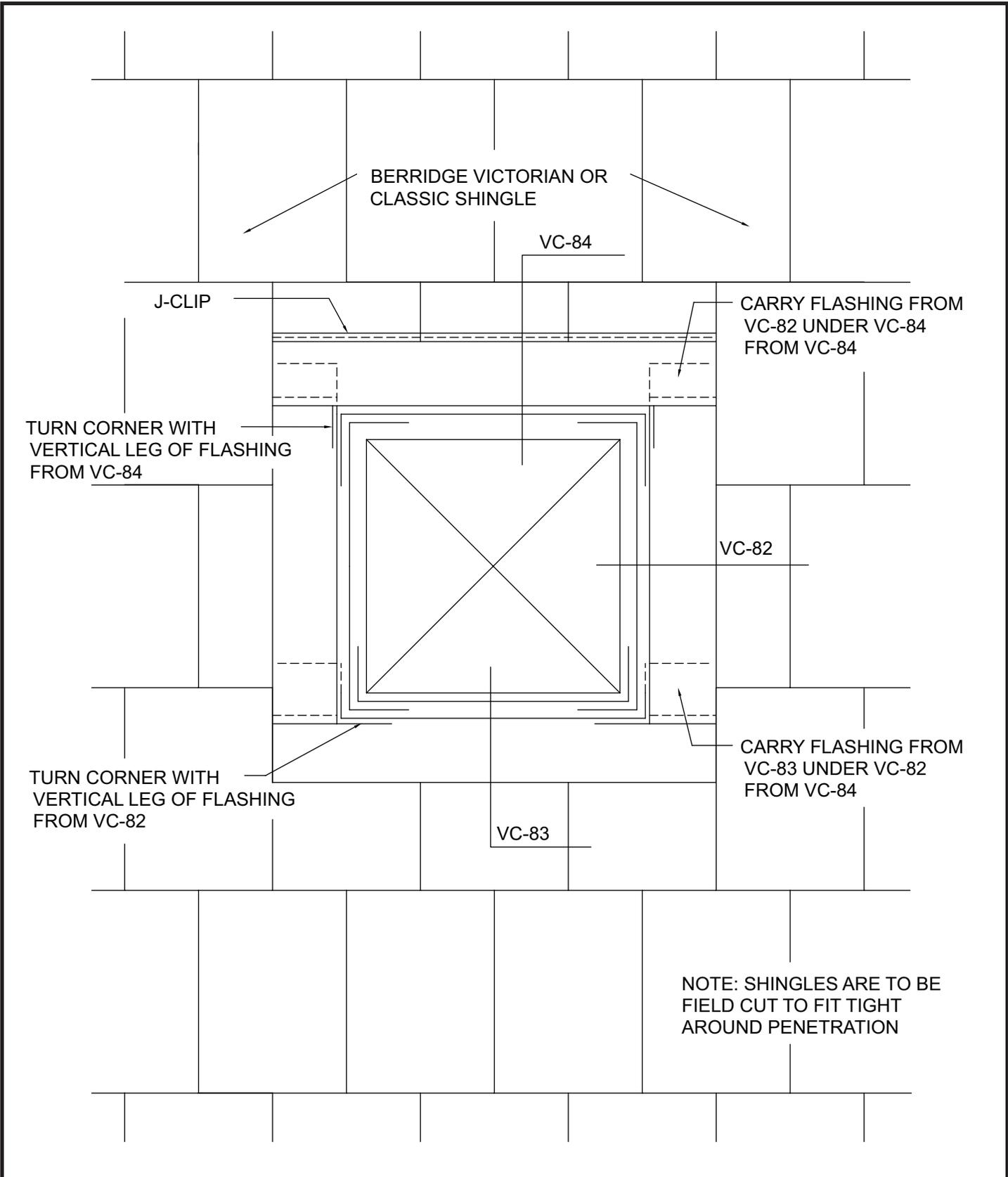
*Roofs of Distinction*

**PIPE PENETRATION  
4" DIA. OR LESS**

**Victorian or Classic Shingles**

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**BERRIDGE  
MANUFACTURING  
COMPANY**

*Roofs of Distinction*

**ROOF PENETRATION  
RECTANGULAR/SQUARE**

**Victorian or Classic Shingles**

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

FASTENERS; 20" O.C. MAX.

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

FLASHING; 4" END LAPS WITH CONTINUOUS CAULK AT LAPS  
POP RIVET TO J-CLIP 40" O.C. MAX.  
CAULK RIVET HEADS

CONTINUOUS BEAD OF CAULK

BERRIDGE VICTORIAN OR CLASSIC SHINGLE

CONTINUOUS BEAD OF CAULK

J-CLIP

CONTINUOUS BEAD OF CAULK

SOLID SHEATHING

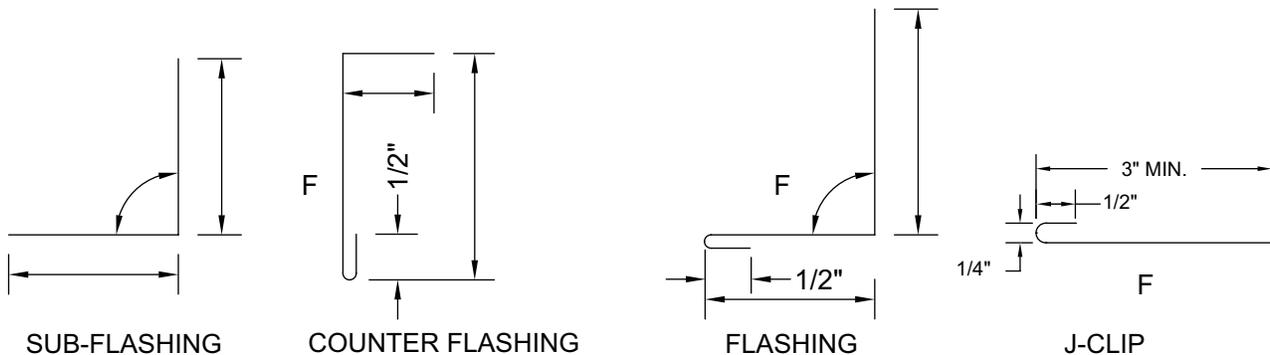
# 30 FELT UNDERLAYMENT  
TOP LAYER OF FELT TO BE PARALLEL WITH ROOF SLOPE

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

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



**BERRIDGE**  
MANUFACTURING  
COMPANY

**ROOF PENETRATION  
SECTION DETAIL**

**Victorian or Classic Shingles**

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

FASTENERS; 20" O.C. MAX.

FLASHING; 4" END LAPS WITH CONTINUOUS CAULK AT LAPS.  
POP RIVET TO J-CLIP 40" O.C. MAX.  
CAULK RIVET HEADS

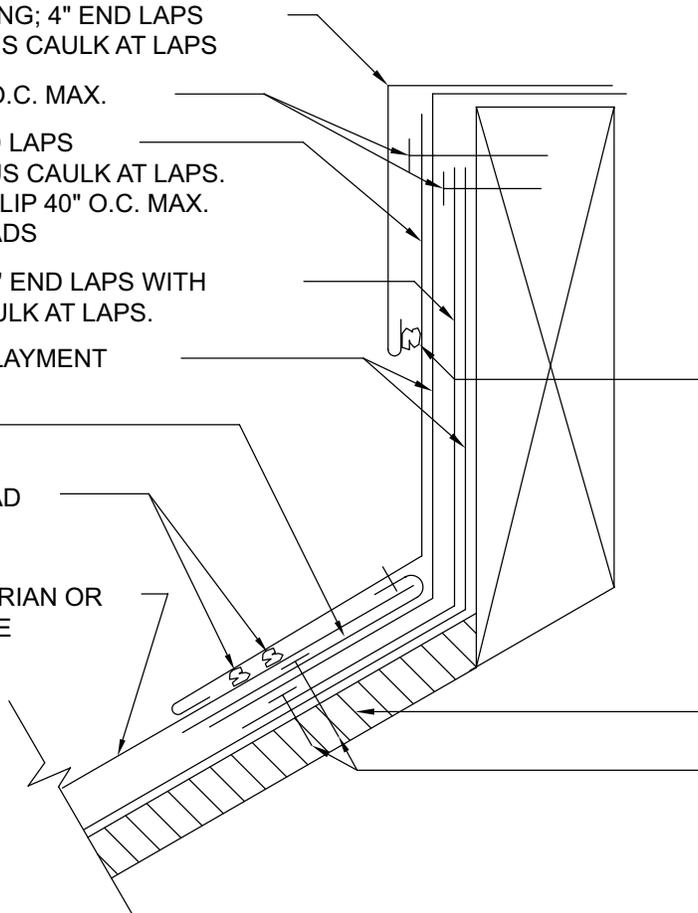
SUB-FLASHING; 4" END LAPS WITH CONTINUOUS CAULK AT LAPS.

# 30 FELT UNDERLAYMENT

J-CLIP

CONTINUOUS BEAD OF CAULK

BERRIDGE VICTORIAN OR CLASSIC SHINGLE



CONTINUOUS BEAD OF CAULK

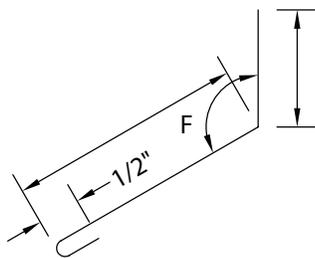
SOLID SHEATHING

FASTENERS; 20" O.C. MAX.

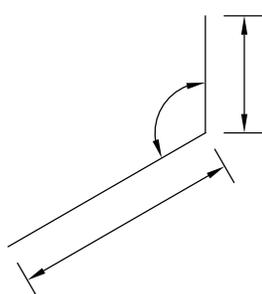
1. SOLID SHEATHING (BY OTHERS) TO BE MINIMUM 1/2" PLYWOOD OR EQUIVALENT IN STRENGTH FOR HOLDING POWER OF FASTENERS.

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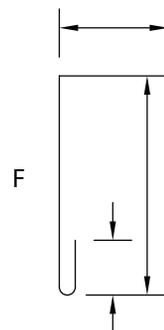
F = FINISH SIDE



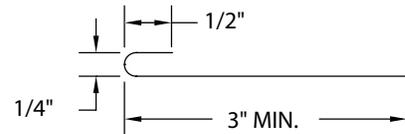
FLASHING



SUB-FLASHING



COUNTER FLASHING



J-CLIP



**BERRIDGE**  
MANUFACTURING  
COMPANY

**ROOF PENETRATION  
SECTION DETAIL**

**Victorian or Classic Shingles**

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BERRIDGE VICTORIAN OR CLASSIC SHINGLE

J-CLIP BUTT ENDS FOR WEEP, DO NOT CAULK IN OR UNDER J-CLIP

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

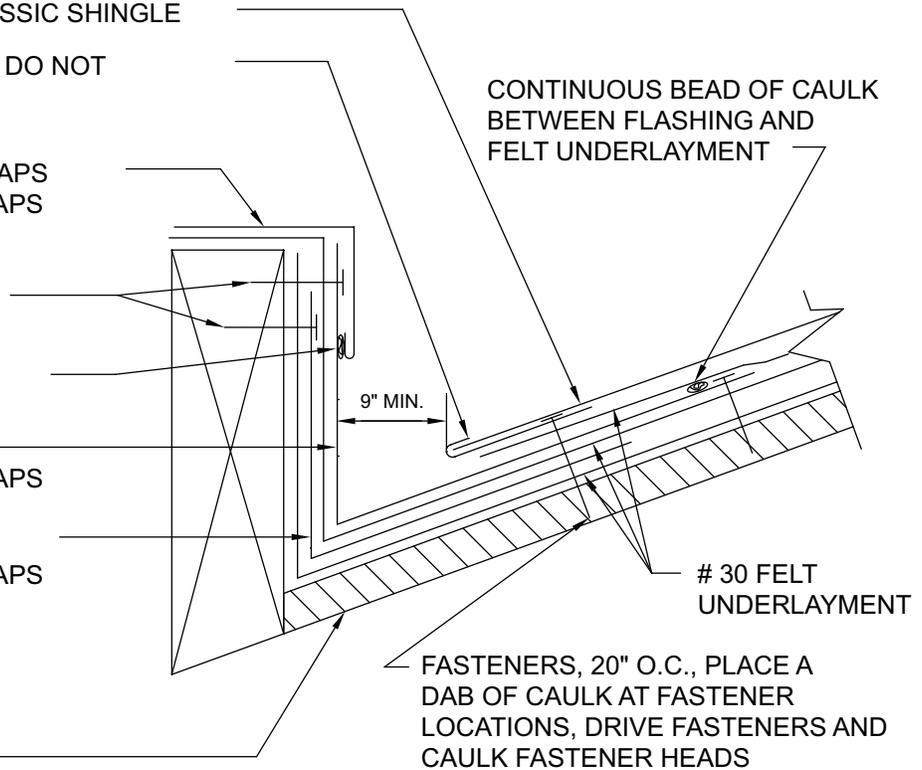
FASTENERS; 20" O.C. MAX.

CONTINUOUS BEAD OF CAULK

FLASHING; 4" END LAPS WITH CONTINUOUS CAULK AT LAPS

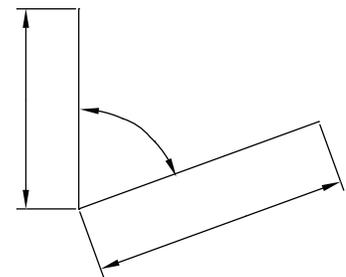
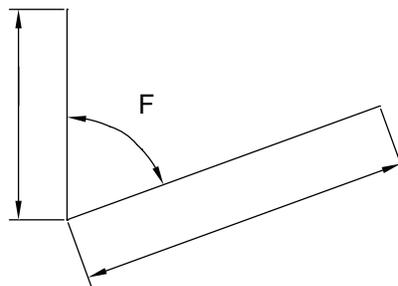
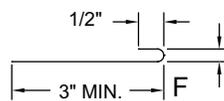
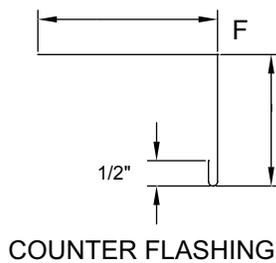
SUB FLASHING; 4" END LAPS WITH CONTINUOUS CAULK AT LAPS

SOLID SHEATHING



1. SOLID SHEATHING (BY OTHERS) TO BE A MINIMUM OF 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



**BERRIDGE  
MANUFACTURING  
COMPANY**

## ROOF PENETRATION SECTION DETAIL

### Victorian or Classic Shingles

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