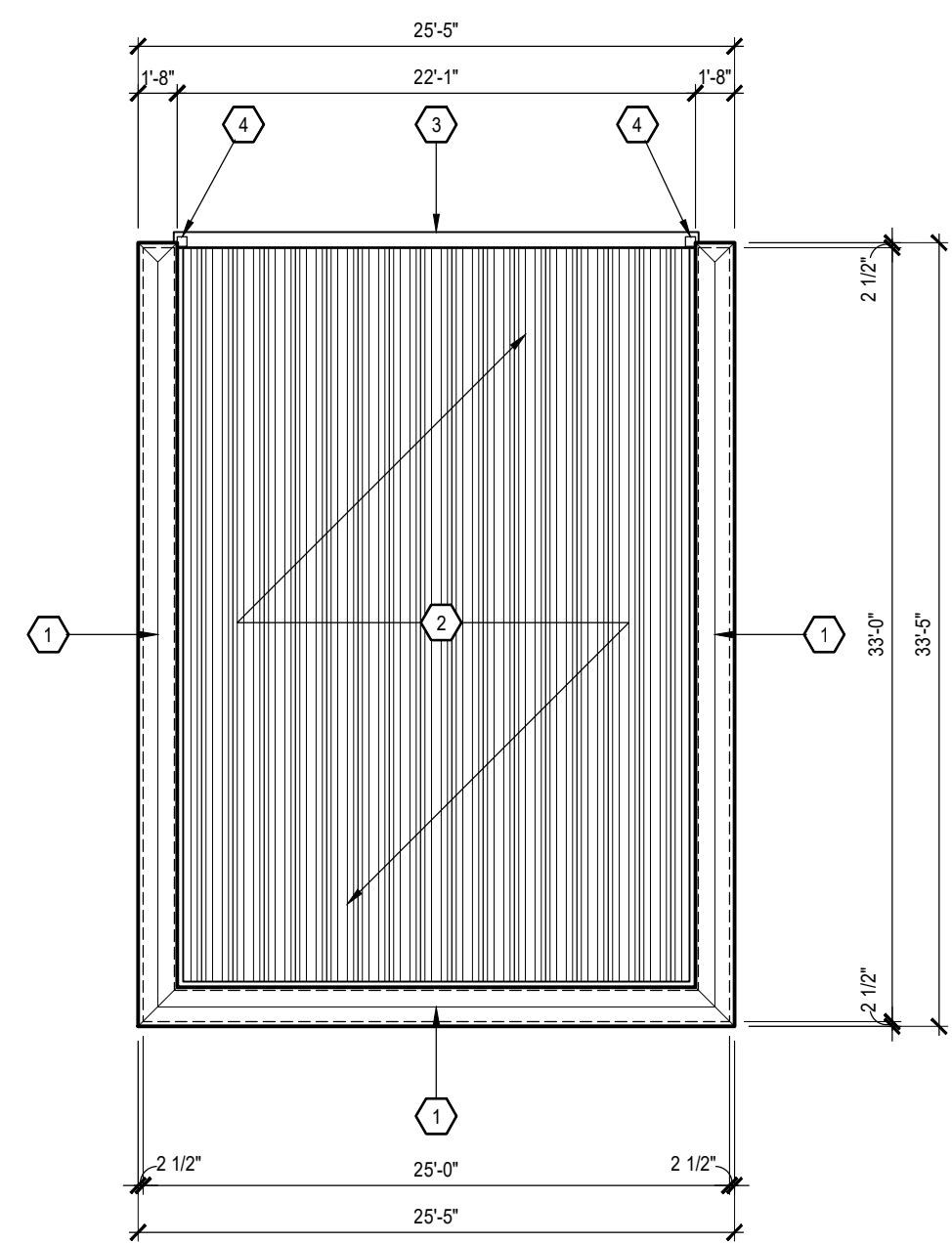


- 
- 5/8" TREATED PLYWOOD

**(D5) WALL CAP @ METAL STUD WALLS**  
SCALE: 1 1/2" = 1'-0"



**A5** PIPE PENETRATION FLASHING  
SCALE: N.T.S.

Diagram illustrating the installation of a stainless-steel drawband flashing collar. The diagram shows a cross-section of a pipe penetrating a structural metal roof panel. The components and steps are labeled:

- PIPE PENETRATION
- INSTALL TEMPERATURE-APPROPRIATE SEALANT TOOLED TO FACILITATE RUNOFF
- GASKETED FASTENERS TO SECURE FLASHING COLLAR FLANGE TO ROOF PANEL
- STRUCTURAL METAL ROOF PANEL
- STAINLESS-STEEL DRAWBAND
- PREFORMED PENETRATION FLASHING
- SET SECUREMENT RING IN CONTINUOUS BEAD OF SEALANT

OPTION: DRAWBAND - OVERLAP FLASHING COLLAR 3" MIN.

SPECIFIC FASTENING AND STRUCTURAL REQUIREMENTS ARE NOT INDICATED AS THEY VARY FROM SYSTEM TO SYSTEM DEPENDING ON PANEL MANUFACTURER'S REQUIREMENTS. WIND ZONE, BUILDING CODE AND WALL CONSTRUCTION, INSULATION, VAPOUR BARRIER AND THERMAL BLOCKS FOR ROOF SYSTEM ARE NOT SHOWN FOR CLARITY.

ALL PENETRATIONS SHOULD NOT INTERFERE WITH PANEL SEAMS OR OCCUR AT TRANSVERSE SEAMS. SEE DETAIL B3 THIS SHEET.

IF FIELD PANELS OVERLAP AT THE PENETRATION, ATTACHMENT OF THE DOWNSLOPE PANEL ALONG ITS UPSLOPE END MAY BE NECESSARY.

VENT STACKS AND OTHER TYPES SHOULD HAVE ADEQUATE CLEARANCE ON ALL SIDES FROM WALLS AND OTHER PROJECTIONS TO FACILITATE PROPER FLASHING AND PANEL DRAINAGE.

FOR HOT TYPES, SPECIFIC HIGH-TEMPERATURE BOOTS SHOULD BE USED.

Diagram illustrating the installation of a preformed closure on a structural metal roof panel using gasketed fasteners and sealant tape.

Labels and Callouts:

- PE PENETRATION
- AT PAN ASSEMBLY - SEE NOTE 1
- OVERLAPPED JOINT WITH TWO ROWS OF CONTINUOUS SEALANT TAPE
- STRUCTURAL METAL ROOF PANEL
- GASKETED FASTENERS
- MIN. OVERLAP - SEE NOTE 1
- SEALED FABRICATED END CAP INTEGRAL
- PREFORMED CLOSURE
- 6" MIN. OVERLAP
- SEAM AND PANEL PROFILES VARY
- GASKETED FASTENER
- OVERLAPPED JOINT WITH TWO ROWS OF CONTINUOUS SEALANT TAPE

PROPER STRUCTURAL SUPPORT AND ATTACHMENT IS REQUIRED FOR FLAT PAN ASSEMBLY.  
WHERE PENETRATIONS INTERSECT SEAMS, THIS DETAIL IS PREFERRED. DO NOT USE PREFORMED BOOT THROUGH SEAM IF FIELD PANELS OVERLAP AT THE PENETRATION. ATTACHMENT OF THE DOWNSLOPE PANEL ALONG ITS UPSLOPE END MUST BE NECESSARY.  
VENT STACKS AND OTHER PIPES SHOULD HAVE ADEQUATE CLEARANCE ON ALL SIDES FROM WALLS AND OTHER PROJECTIONS TO FACILITATE PROPER FLASHING AND PANEL DRAINAGE.  
FOR HOT PIPES, SPECIFIC HIGH-TEMPERATURE BOOTS SHOULD BE USED.  
INSULATION, VAPOR RETARDER AND THERMAL BLOCKS FOR ROOF SYSTEM ARE NOT SHOWN FOR CLARITY.

Permit/Sea

WATCHITOCHE, LOUISIANA

Scale: AS INDICATED

Revision:	Sheet:	of
Drawing No.		

# A151