

METAL ROOFING

S y s t e m s , I n c

Faster. Smarter. Better. Period.

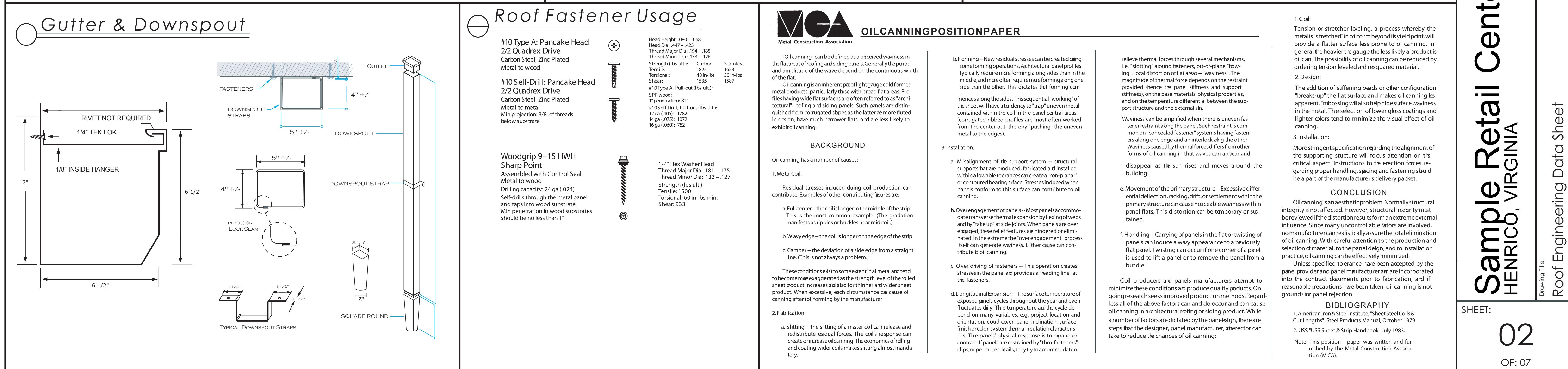
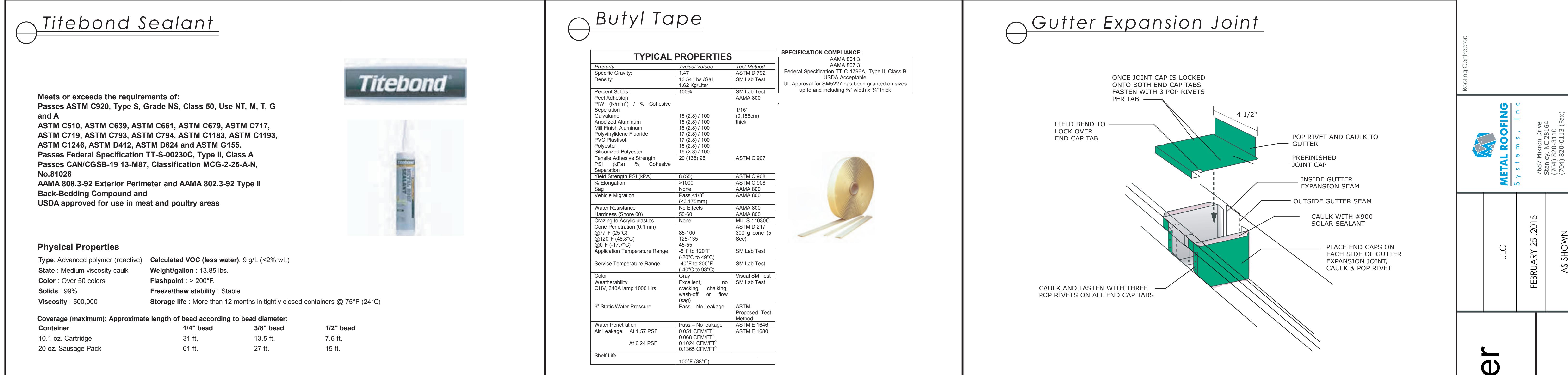
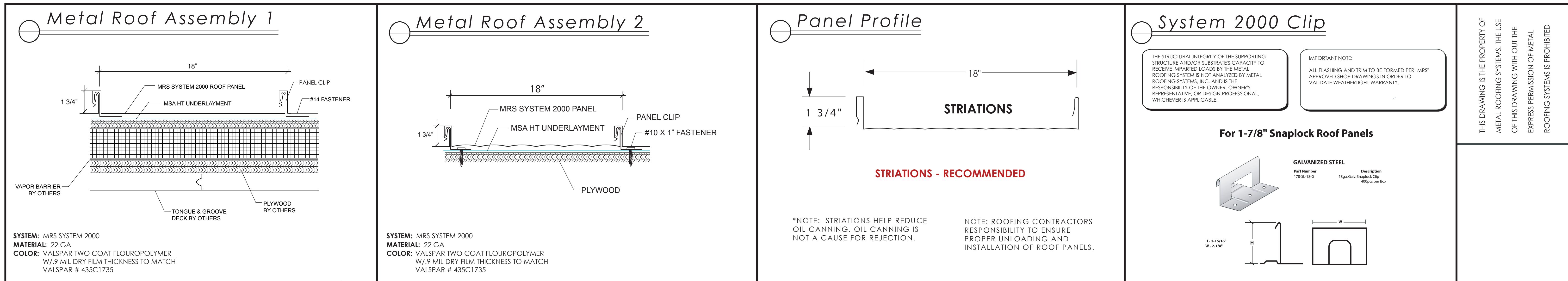
Sample Retail Center

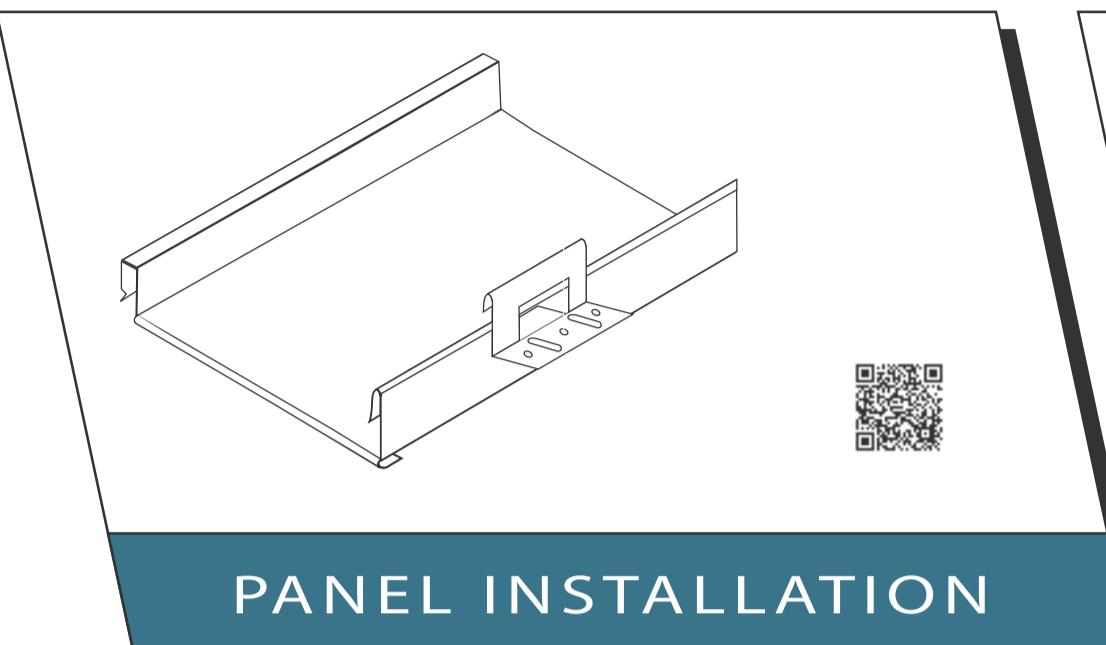
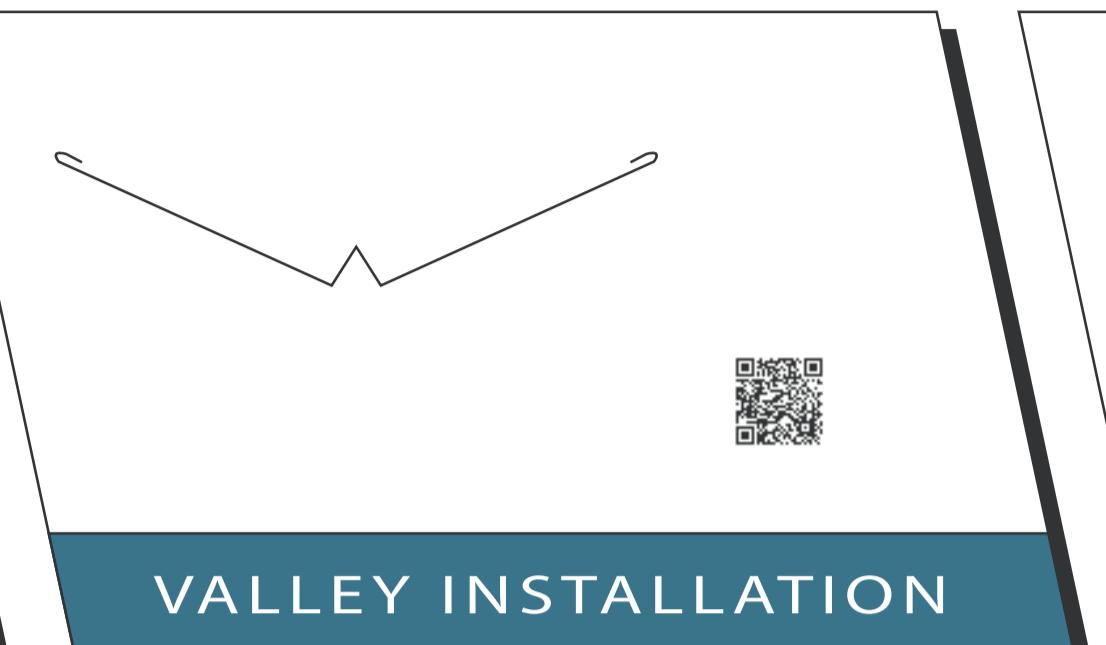
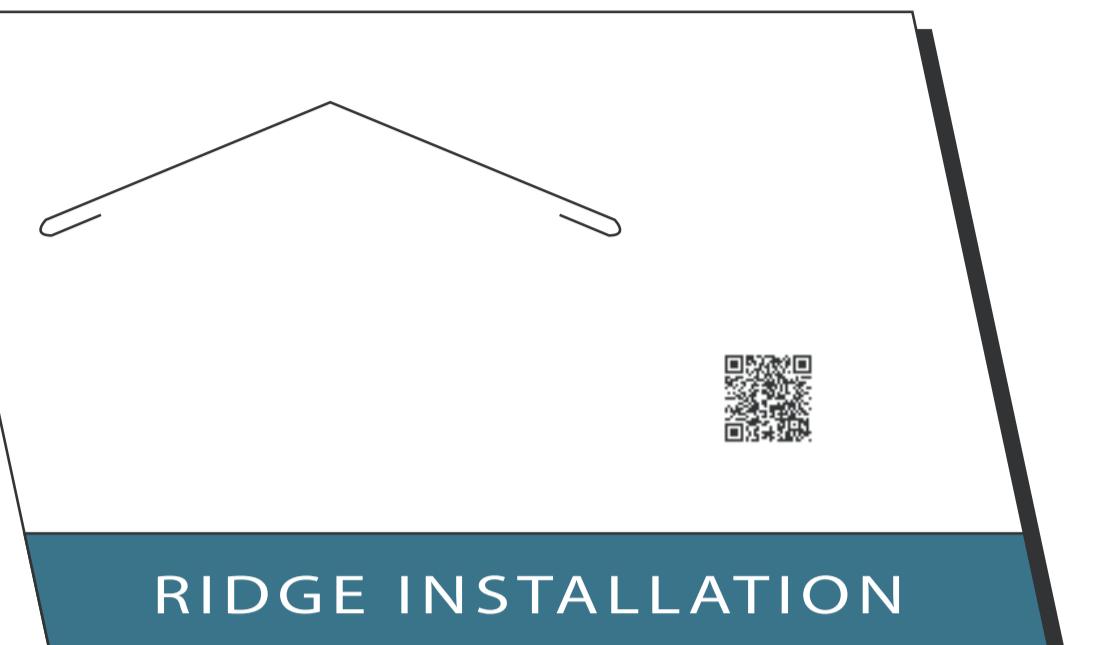
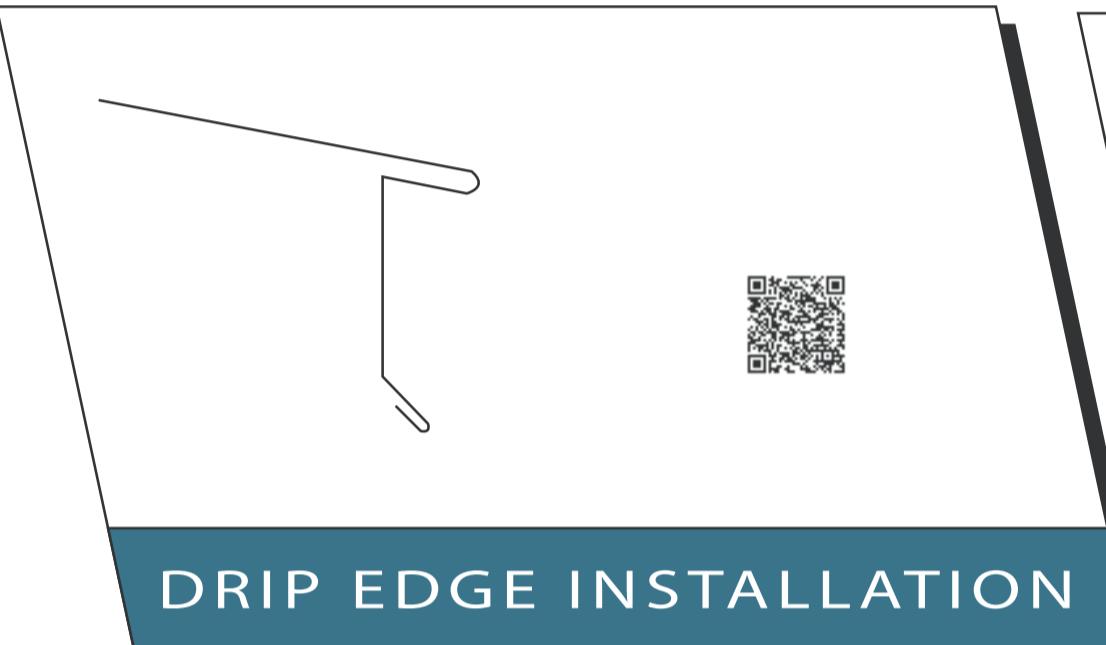
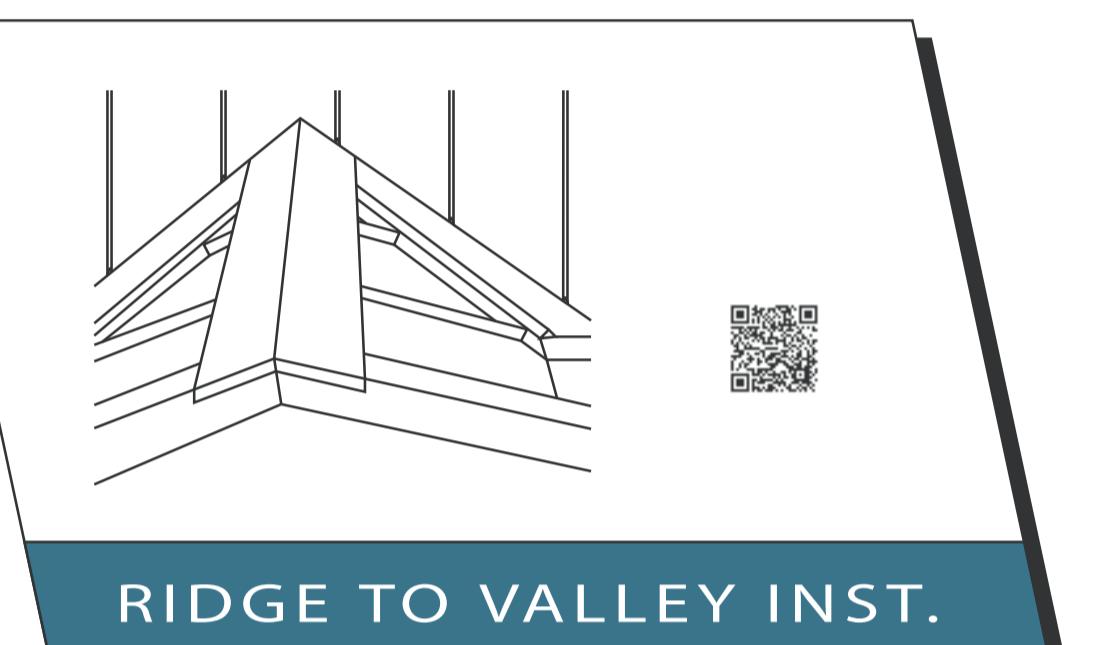
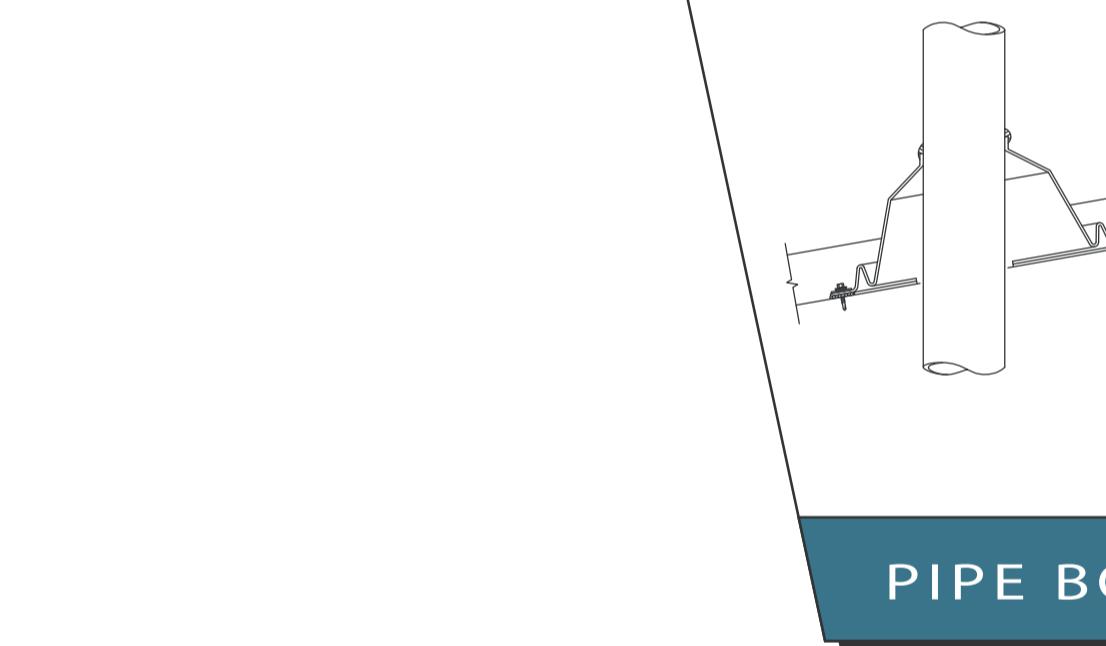
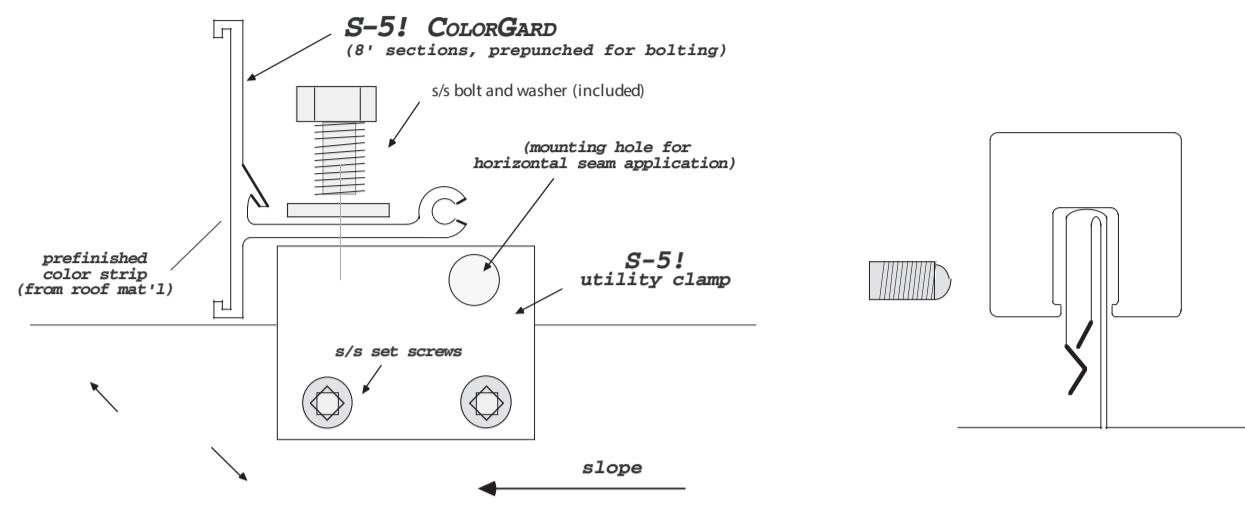
Henrico, Virginia

TABLE OF CONTENTS

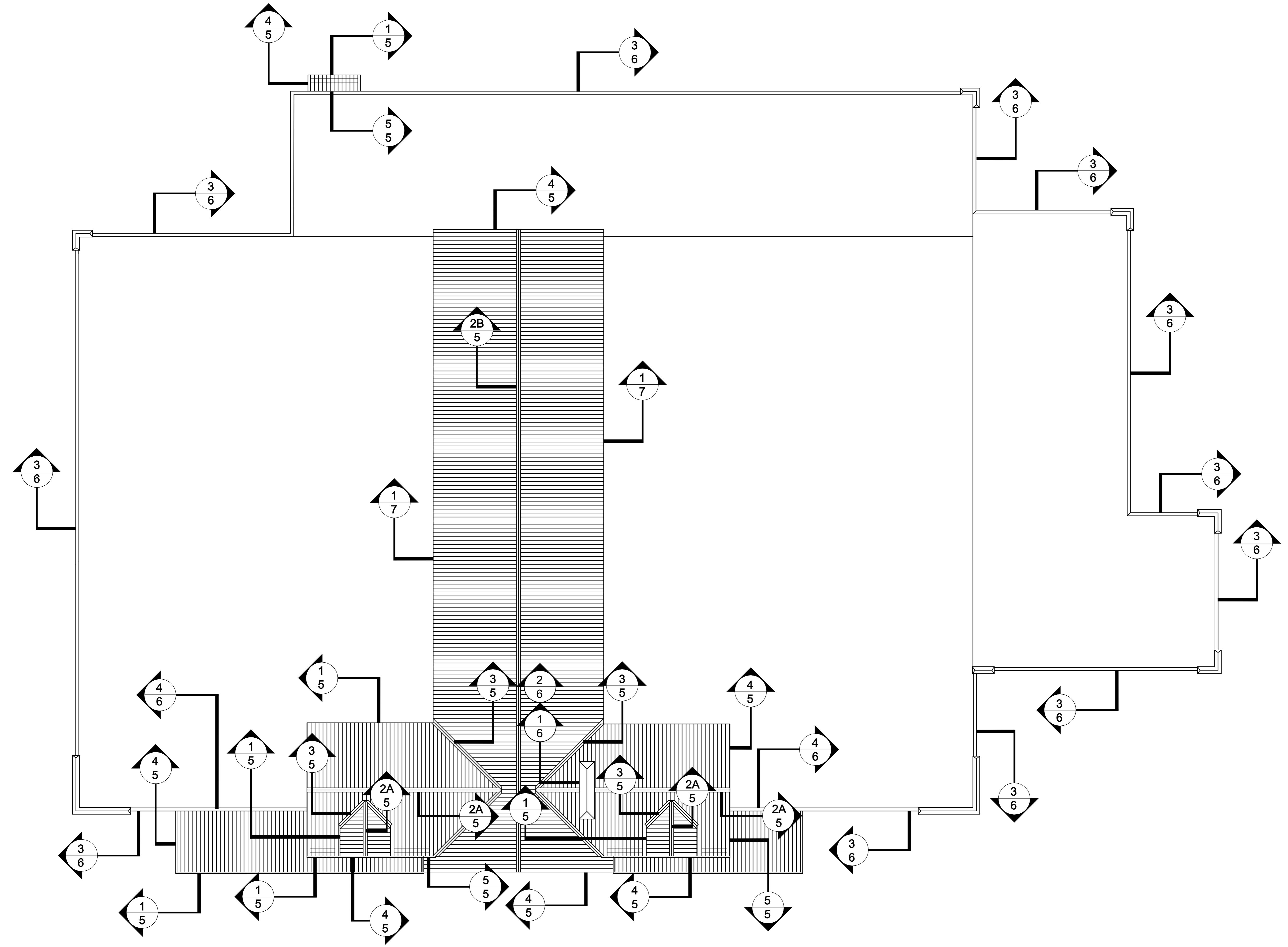
- 01 COVER SHEET
- 02 ENGINEERING DATA SHEET
- 03 ENGINEERING DATA SHEET
- 04 ROOF PANEL PLAN
- 05 ROOF DETAILS
- 06 ROOF DETAILS
- 07 ROOF DETAILS

Drawing title: Sample Retail Center HENRICO, VIRGINIA		Job#: Drawn By: JLC	Roofing Contractor: METAL ROOFING S y s t e m s , I n c	THIS DRAWING IS THE PROPERTY OF METAL ROOFING SYSTEMS. THE USE OF THIS DRAWING WITH OUT THE EXPRESS PERMISSION OF METAL ROOFING SYSTEMS IS PROHIBITED
SHEET: 01	Drawing title: COVER SHEET	Date: FEBRUARY 25, 2015	7687 Mikron Drive Stanley, NC 28164 (704) 820-3110 (704) 820-0113 (Fax)	Scale: AS SHOWN



<h2>Roof Installation Videos</h2> <p>SCAN CODES TO VIEW INSTALLATION VIDEOS</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>PANEL INSTALLATION</p> </div> <div style="text-align: center;">  <p>VALLEY INSTALLATION</p> </div> <div style="text-align: center;">  <p>RIDGE INSTALLATION</p> </div> </div> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>DRIP EDGE INSTALLATION</p> </div> <div style="text-align: center;">  <p>RAKE INSTALLATION</p> </div> <div style="text-align: center;">  <p>RIDGE TO VALLEY INST.</p> </div> </div> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>PIPE BOOT INSTALLATION</p> </div> <div style="text-align: center;">  <p>CURB INSTALLATION</p> </div> </div> <div style="text-align: center; margin-top: 20px;"> <p>FLASHING INSTALLATION</p> <p>QR CODE VIDEOS</p> </div>		<h2>Snow Guards</h2>  <p>S-5! ColorGARD (8" sections, pre-punched for bolting) s/s bolt and washer (included) mounting hole for horizontal seam application prefabricated color strip (from roof mat 3) S-5! utility clamp a/s set screws slope</p> <p>SNOW RETENTION SYSTEM S-5! ColorGARD® SPECIFICATION SECTION 07710 Prefabricated Roof Specialties</p> <p>PART 1 GENERAL REQUIREMENTS</p> <p>1.01 DESCRIPTION OF WORK A. General Description of Work 1. General labor, material, tools, equipment, and services for the installation of complete S-5! ColorGard® snow retention system as indicated on plans, and in accordance with provisions of Contract Documents.</p> <p>2. Installation shall be made of color strips to match the roof panels, splice connectors for crossmember sections, OSMC (pvc) indicated on drawings and any miscellaneous related items necessary for a complete installation.</p> <p>3. Color Guard is to be furnished in this section with work of other trades.</p> <p>B. Related Sections 1. Roof and Wall Panels. Section 07710 2. Metal Roofing. Section 07710 3. Flashing and Sheet Metal. Section 07620 4. Roof Accessories. Section 7720</p> <p>PART 2 MATERIALS</p> <p>A. Clamps and VersaRack Manufactured from certified 6061 T6 extruded aluminum, in strict conformity with the standard AIA-A18.1, AIA-A18.2, AIA-A18.3, AIA-A18.4, AIA-A18.5, AIA-A18.6, AIA-A18.7, AIA-A18.8, AIA-A18.9, AIA-A18.10, AIA-A18.11, AIA-A18.12, AIA-A18.13, AIA-A18.14, AIA-A18.15, AIA-A18.16, AIA-A18.17, AIA-A18.18, AIA-A18.19, AIA-A18.20, AIA-A18.21, Use of S-5!-S, S-5-Z, S-5-T, VersaRack. (Specifier Note: Select appropriate clamp or VersaRack). Cast parts are not permitted.</p> <p>B. ColorGard Manufactured from certified 6061 T6 aluminum, in strict conformity with the Aluminum Association, Incorporated OXAluminum Standards and Data and STM standard A-221. Use of S-5!-S, S-5-Z, S-5-T, VersaRack. (Specifier Note: Select appropriate clamp or VersaRack). Cast parts are not permitted.</p> <p>C. Fasteners and Other Hardware Each clamp is to be secured to the panel seam with a round head point to prevent damage to panel finish. Cup point set screws are not acceptable. Set screws and other hardware shall be stainless steel, with a minimum tensile strength of 175 pounds per linear inch. Crossmember must be furnished with splice pieces to align adjacent sections and maintain continuity. Attach ColorGard to VersaRack with a minimum of two self-tapping screws as provided by manufacturer.</p> <p>D. Other 1. Roof and Wall Panels. Section 07710 2. Metal Roofing. Section 07710 3. Flashing and Sheet Metal. Section 07620 4. Roof Accessories. Section 7720</p> <p>PART 3 EXECUTION</p> <p>3.01 EXAMINATION AND PREPARATION</p> <p>A. Clean Surface Verify that the work area is reasonably clean and free of visible dirt and foreign matter at the clamp locations prior to installing clamps.</p> <p>B. Seams Complete Verify that the required machine seaming is complete prior to installation.</p> <p>C. Panel Alignment Verify that panels are adequately attached and supported to the building structure to meet any loads imposed on the S-5! clamp.</p> <p>D. Fasteners Verify that completed assembly installation will not in any way impede proper drainage of cool panels.</p> <p>E. Discrepancies Notify any discrepancies to the above to the Project Architect before proceeding with the work.</p> <p>3.02 INSTALLATION</p> <p>A. Layout Verify by out-drawn assembly locations true-to-line prior to installing clamps or VersaRack. Clamps should avoid panel attachment clips if the clip is a single piece.</p> <p>B. Clamp Installation Assemble set screws to clamp and clamp to seam following all manufacturers printed instructions. Both set screws are to be at the same side of clamp. When application calls for two set screws, one on each side of the seam, the two set screws should be evenly tensioned. Do not overtighten set screws. Do not cantilever crossmember more than 60° past the last clamp in an assembly.</p> <p>C. Fall Protection Protect workers and other hazard protection in accordance with OSHA regulations when installing snow retention assemblies.</p> <p>E. Cleaning Clean up any residual debris resulting from installation.</p> <p>3.03 CLOSOUT</p> <p>A. Waste Disposal Dispose of excess materials and packaging and remove debris from site.</p> <p>B. Warranties Deliver all warranties to Owner or Owner's designated representative.</p>
<p>METAL ROOFING Systems, Inc.</p> <p>7670 Milk Run Drive Stanley, NC 28164 (704) 820-0113 (Fax)</p> <p>Sample Retail Center HENRICO, VIRGINIA</p> <p>Drawing Title: ROOF ENGINEERING DATA SHEET</p> <p>Job #: </p> <p>Drawn By: JLC</p> <p>Date: FEBRUARY 25, 2015</p> <p>Scale: AS SHOWN</p>		
<p>03</p> <p>OF: 07</p>	<p>THIS DRAWING IS THE PROPERTY OF METAL ROOFING SYSTEMS. THE USE OF THIS DRAWING WITH OUT THE EXPRESS PERMISSION OF METAL ROOFING SYSTEMS IS PROHIBITED</p>	

Roof Plan



Sample Retail Center HENRICO, VIRGINIA

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METAL ROOFING
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Drawn By:	JLC
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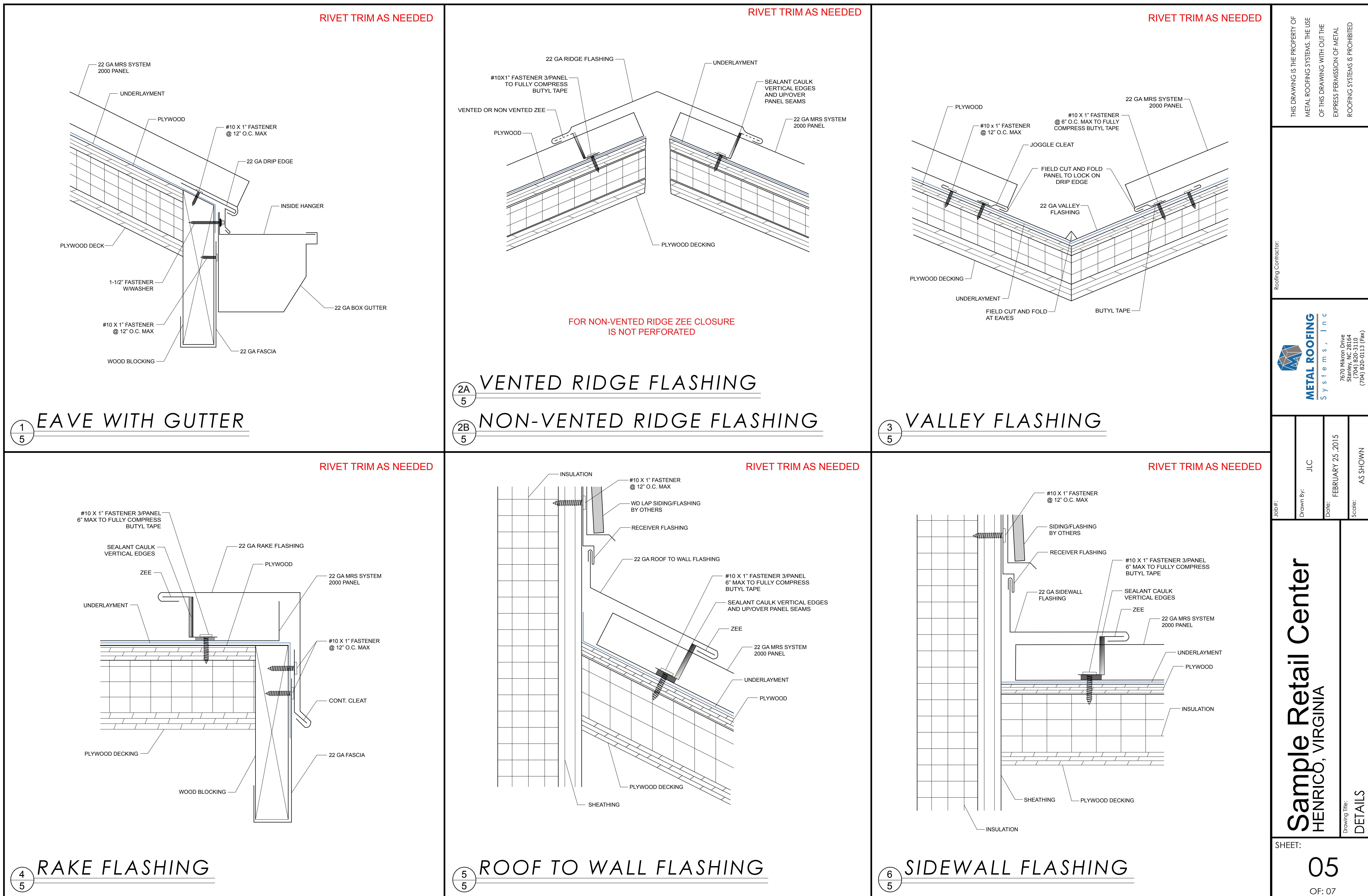
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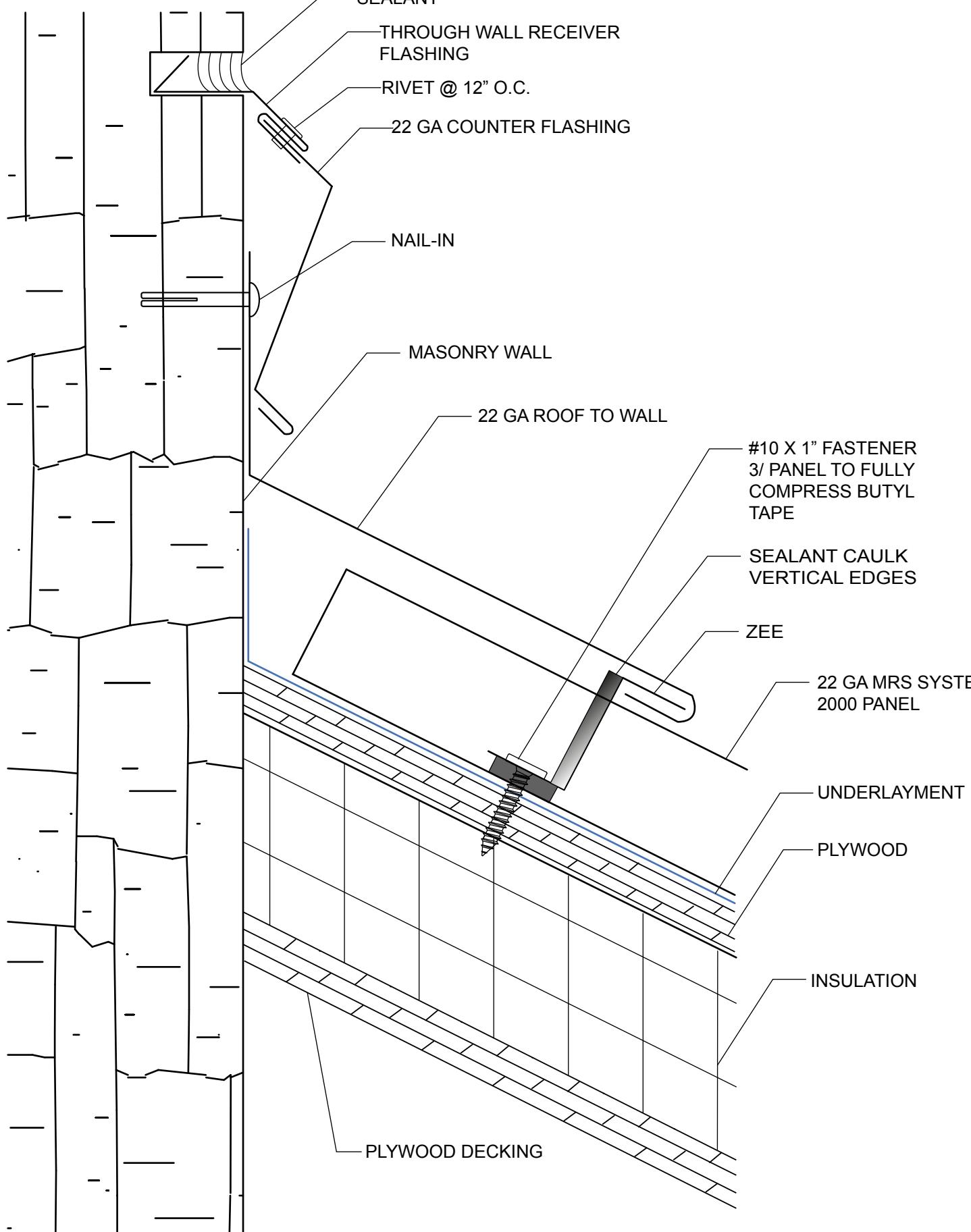
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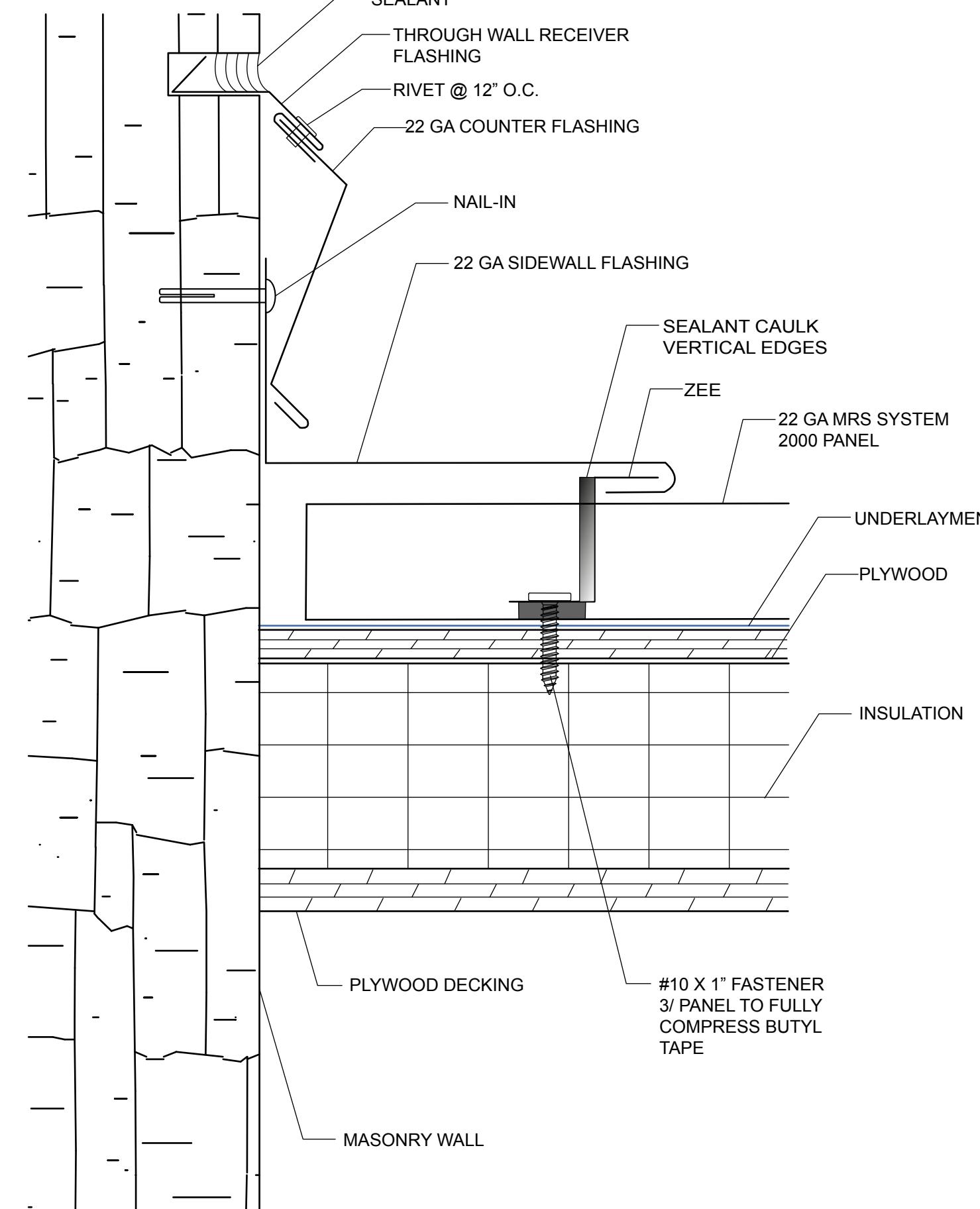


RIVET TRIM AS NEEDED



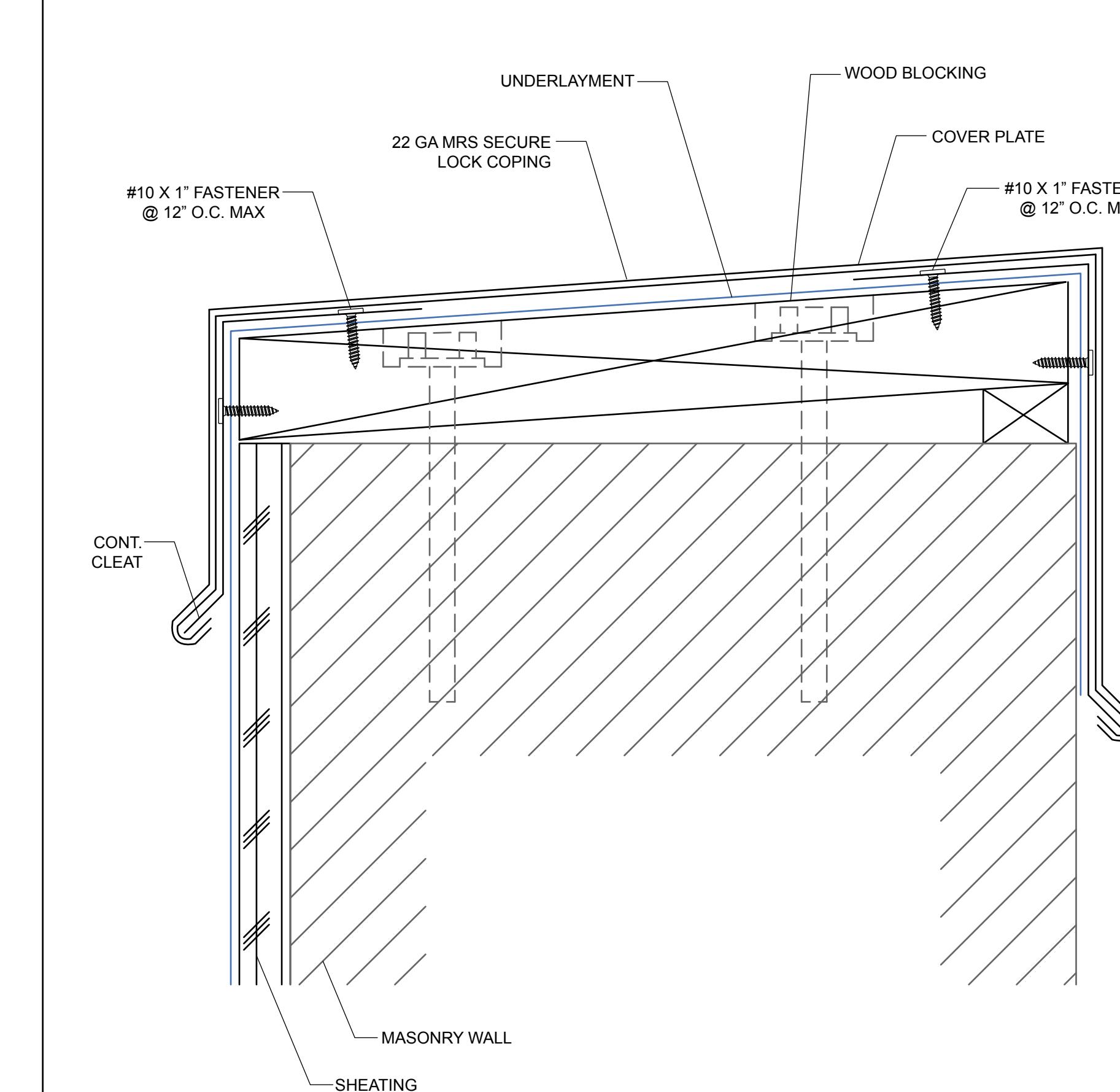
1 **6** ROOF TO WALL

RIVET TRIM AS NEEDED



2 **6** SIDE WALL

RIVET TRIM AS NEEDED



3 **6** COPING

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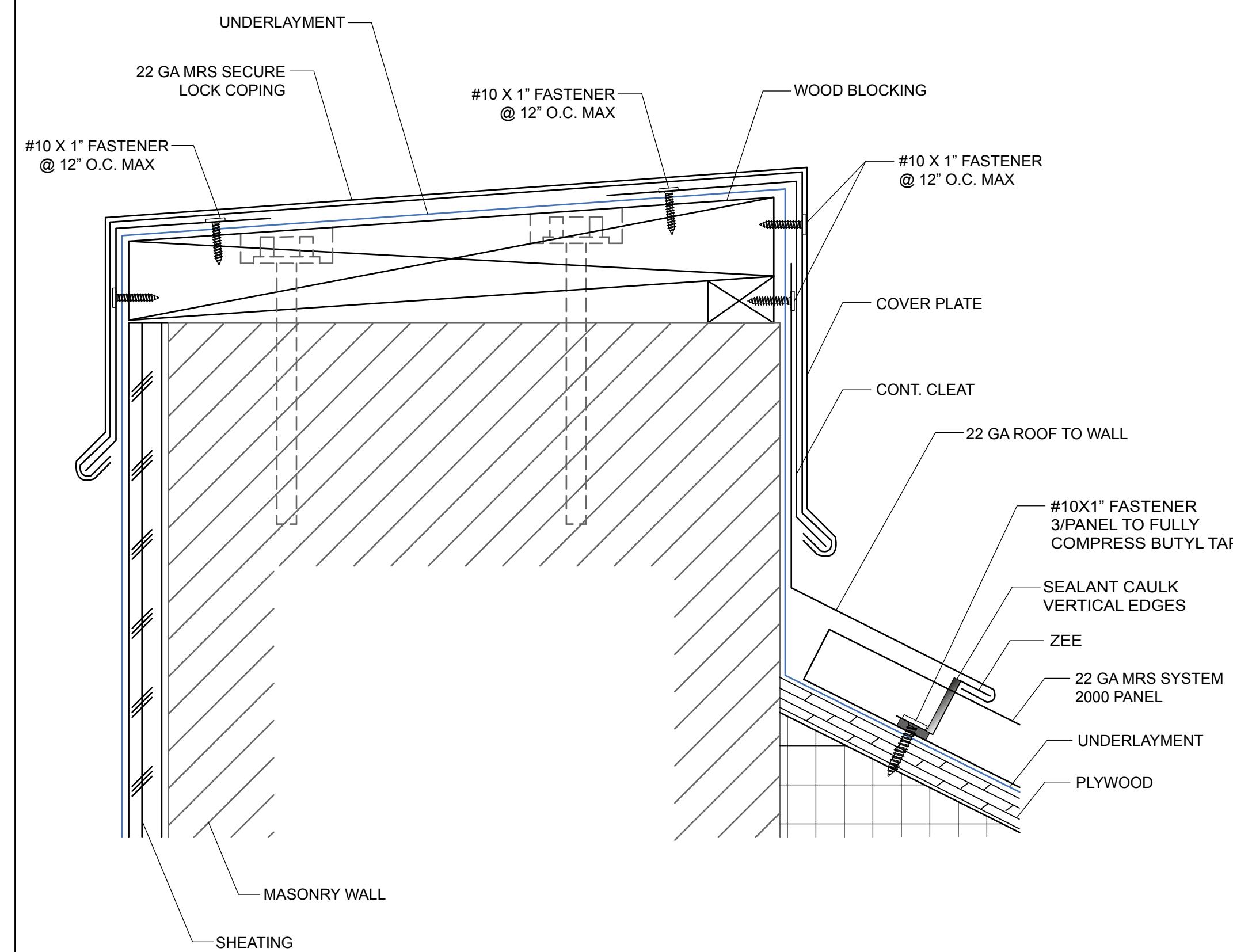
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Stanley, NC 28164
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Sample Retail Center HENRICO, VIRGINIA

DETAILS
Drawing title:
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OF: 07

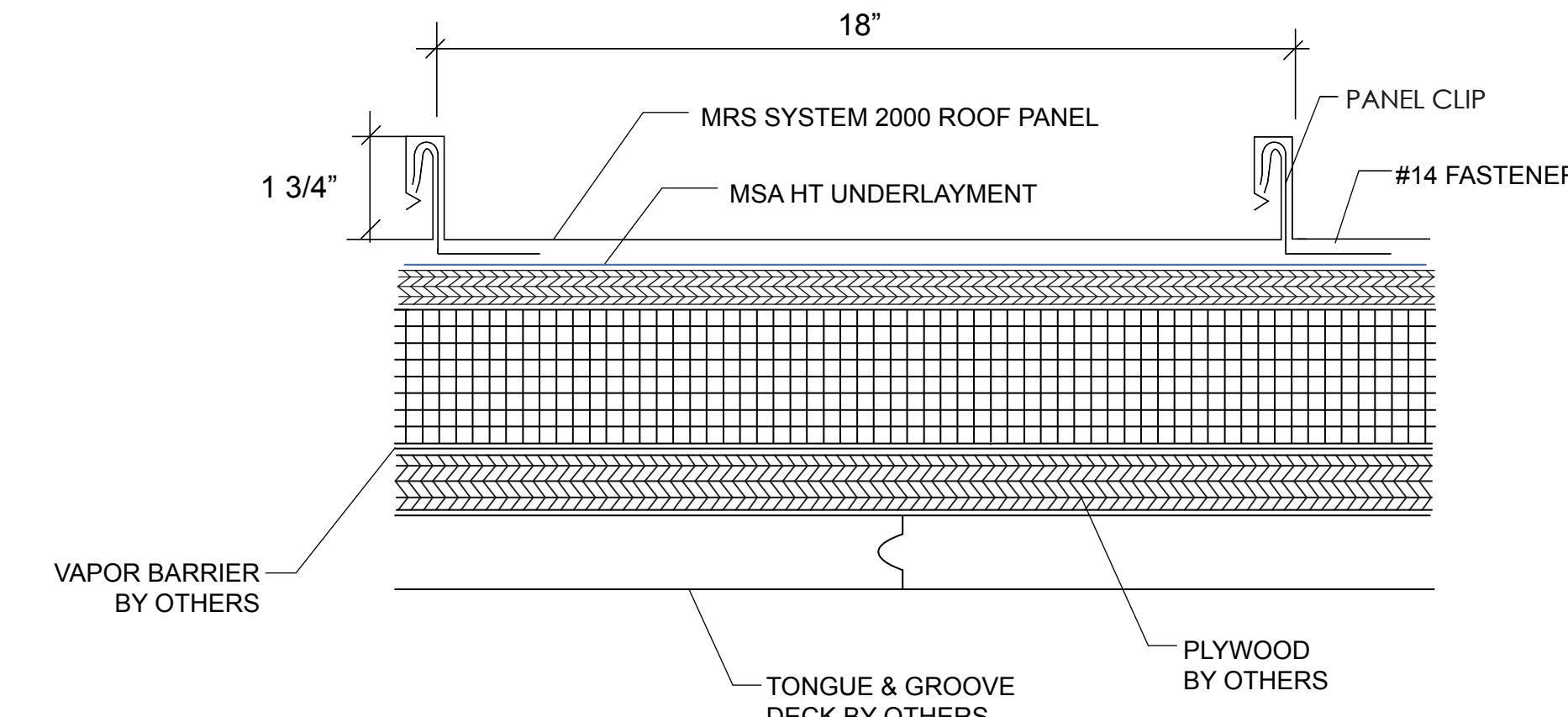
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FEBRUARY 25, 2015
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RIVET TRIM AS NEEDED



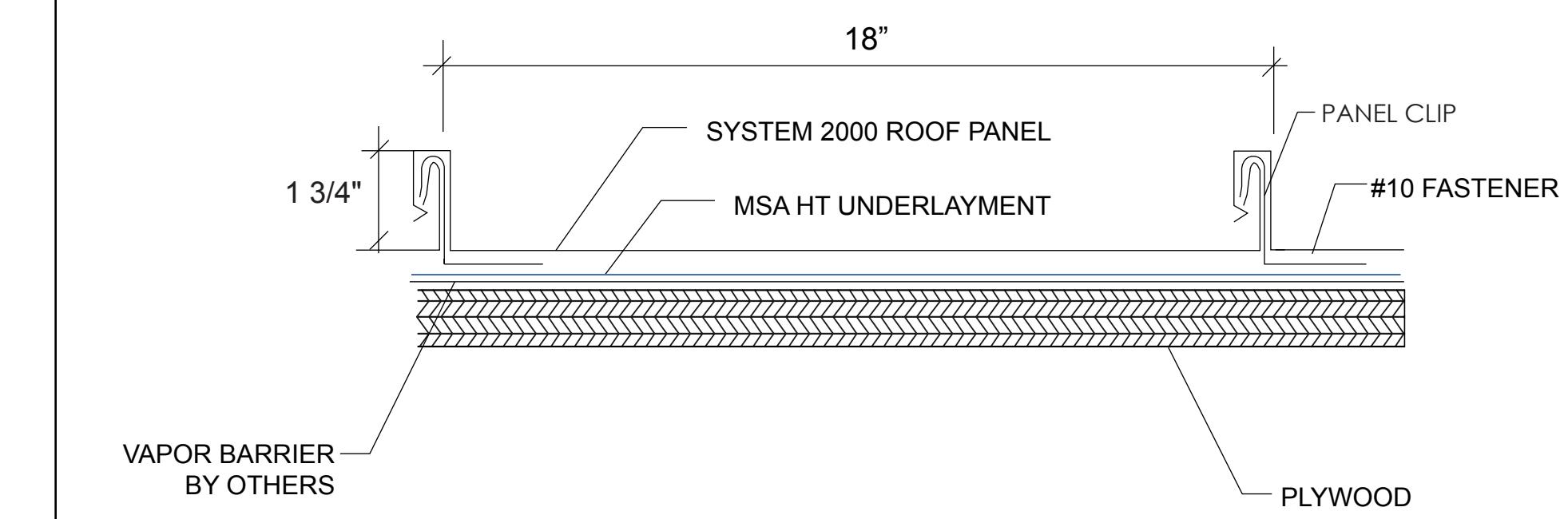
4 **6** COPING

TONGUE AND GROOVE BASE



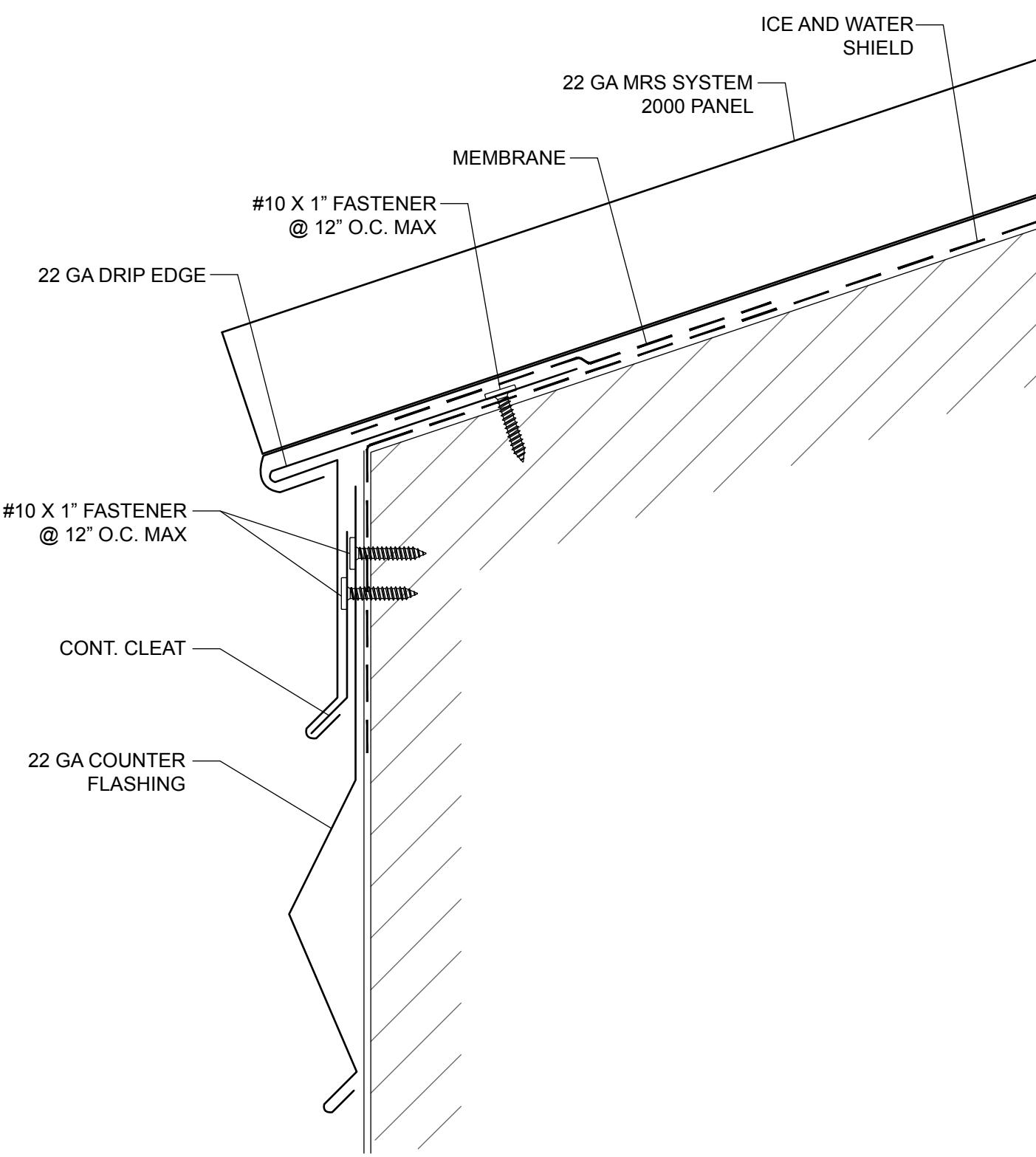
5 **6** ROOF ASSEMBLY 1

PLYWOOD BASE



6 **6** ROOF ASSEMBLY 2

RIVET TRIM AS NEEDED



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Cabela's Retail Center
HENRICO, VIRGINIA

DETAILS

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07
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Roofing Contractor:



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