

PANEL PROPERTIES						
Panel Gauge	Painted Panel Thickness	Yield Strength*	Tensile Strength*	Elongation*	Steel Coating*	Paint Coatings*
24	0.024"	50 KSI	65 KSI	26.5	AZ 55	Kynar 500
* Conform to ASTM A792 Structural Quality Grade 50						

NOTES:

- This structural wall panel system has been designed in accordance with Florida Building Code. The design pressures as determined from section 1620 and ASCE 7-10 shall be used.
- The 24 gage Super Span X wall panels shall be used for wall construction only. The actual wall project shall be constructed using the same details shown on these drawings including:
 - Details, all panel material characteristics and section with dimension and thickness.
 - Erection details including all connection fasteners with size and location.
 - Panel maximum span and pressure for the field, and end zones based on panel allowable values shown below.
- Maximum allowable panel span = 5'-0".
- The maximum allowable spans and (+/-) design pressures for the Super Span X steel wall panel in the wall's field and end zones shall be based on the following panel allowable values (use smallest span for the given pressure)
 - Maximum allowable bending moment of the panel at supports = 166.25 ft-lbs.
 - Maximum allowable bending moment of the panel between supports = 93.50 ft-lbs.
 - El value of panel = 1,247,944.0 lbs-in²
 - Maximum allowable deflection for wall panels = L/240.
 - Maximum support reaction = 332.5 lbs.
- All panel submembers shall be minimum 16 gauge (0.056"). They are not part of this approval and they shall be reviewed structurally by the structural plans examiner of the corresponding building department for each job.



MEMBER SCREW FOR PANEL SUPPORTS
 #12-14 x 1-1/4" Zinc Hex Head "HTZ" #2 Pt.
 with 0.58" O.D. Seal Integral Washer, By Buildex.



STITCH SCREW FOR PANEL SIDE LAPS
 1/4" -14 x 7/8" Zinc Hex Head "HTZ"
 with 0.58" O.D. Seal Integral Washer, By Buildex.



7/8" x 3/16" Butyl Tape



2-1/2" x 3/16" Tri-Bead Butyl Tape



Super Span X Inside (CS29R)
 Closures by Guardian



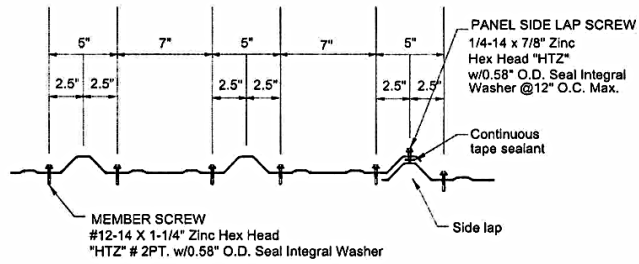
Super Span X Outside (CS28R)
 Closures by Guardian

TITLE: "Super Span X, 24 Ga., Steel Wall Panel System"

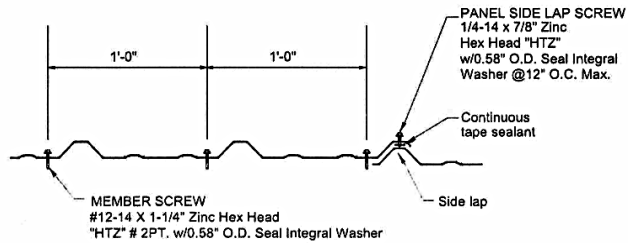


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DETAIL AT END LAP AND PANEL LAP



DETAIL AT REMAINING SUPPORTS @ 5'-0" O.C. MAX.

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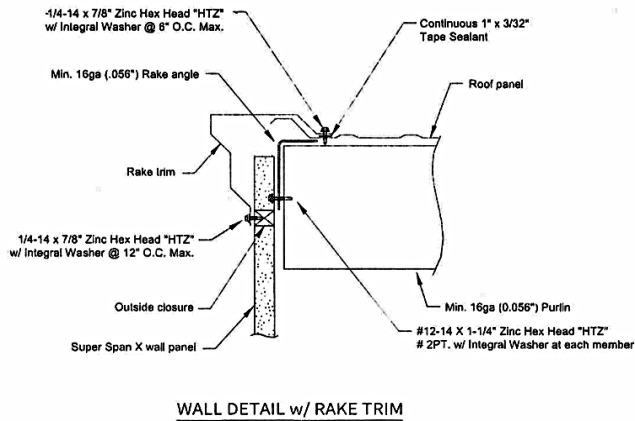
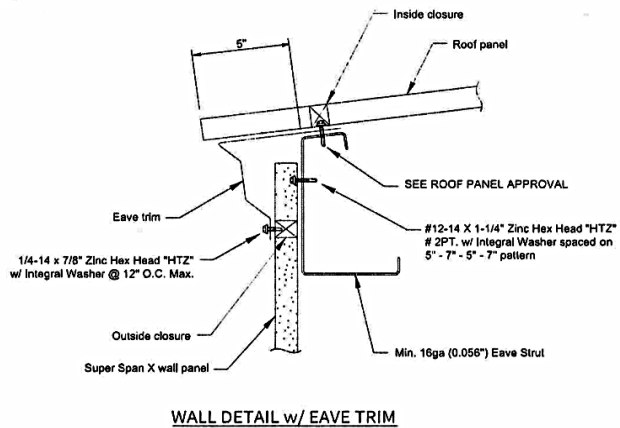
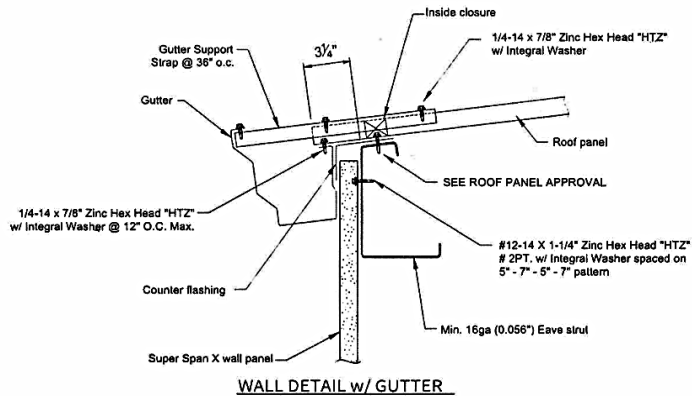
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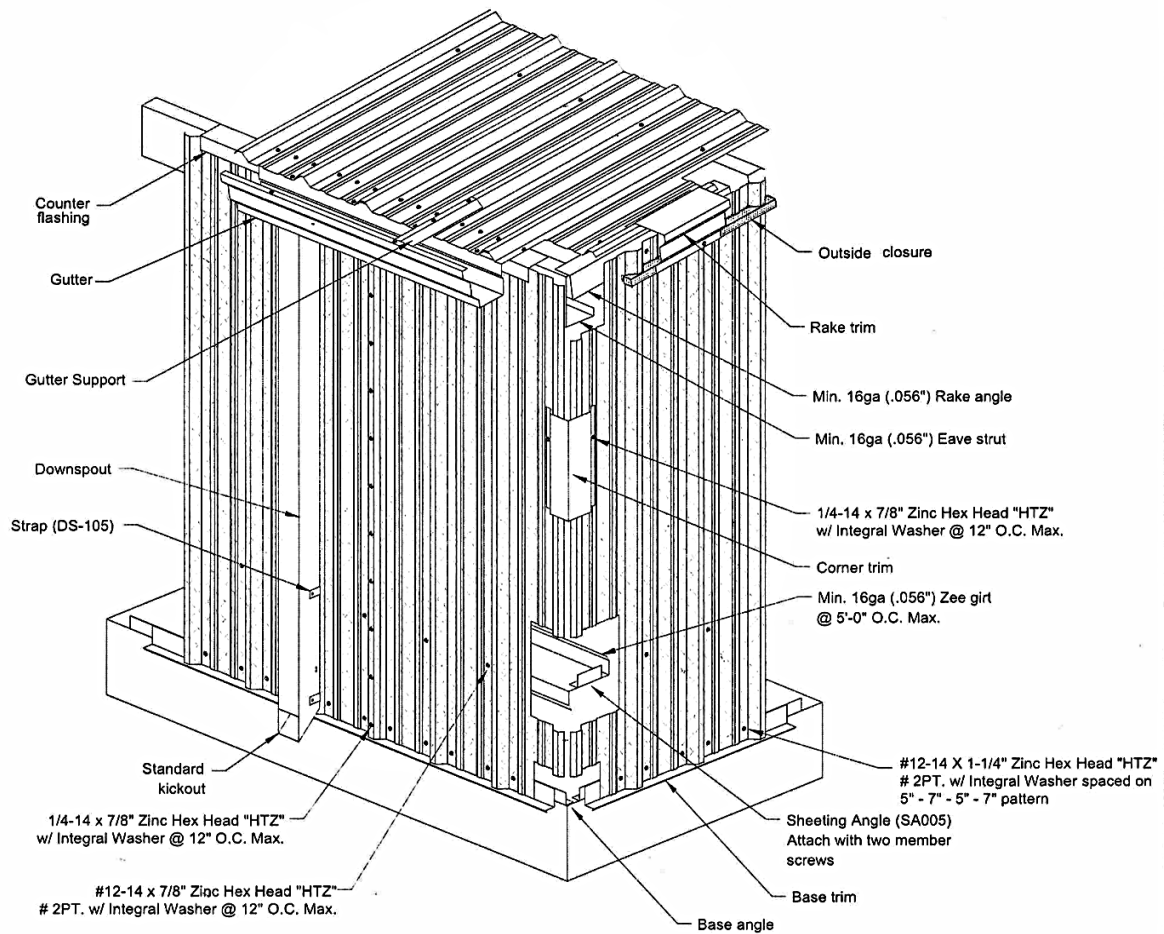


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ISOMETRIC VIEW AT CORNER OF BUILDING

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