



VP BUILDINGS

VARCO PRUDEN

a division of BlueScope Buildings North America, Inc.

®

DRAWING INDEX

DRAWING TITLE	PAGES
Cover Sheet	1
Codes and Loads	2
Notes	3
Anchor Rod Plan	4-5
Primary Structural	6-10
Secondary Structural	11-18
Covering	19-30
Special Drawings	
Standard Erection Details	
Planograph Details	

DRAWING RELEASE HISTORY

TYPE	DATE	DESCRIPTION
Anchor Rod Drawings Rev 0	01/31/24	FOR CONSTRUCTION
Permit Drawings Rev 0	01/31/24	PERMIT SET- For Building Dept. Approval

GENERAL NOTES

MATERIALS

3 PLATE WELDED SECTIONS
 COLD FORMED LIGHT GAGE SHAPES
 BRACE RODS
 HOT ROLLED MILL SHAPES
 HOT ROLLED ANGLES
 HOLLOW STRUCTURAL SECTION (HSS)
 CLADDING

ASTM DESIGNATION

A529, A572, A1011, A1018
 A653, A1011
 A572, A510
 A36, A529, A572, A588, A992
 A529, A572, A588, A992
 A500
 A653, A792

GRADE 55
 GRADE 60
 GRADE 50
 GRADE 36 OR 50
 GRADE 50
 GRADE B
 GRADE 50 OR GRADE 80

HIGH STRENGTH BOLT TIGHTENING REQUIREMENTS

IT IS THE RESPONSIBILITY OF THE ERECTOR TO ENSURE PROPER BOLT TIGHTNESS IN ACCORDANCE WITH APPLICABLE REGULATIONS. SEE RCSC SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH STRENGTH BOLTS FOR MORE INFORMATION. SEE ERECTION GUIDE FOR BOLT TIGHTENING INSTRUCTIONS. THE FOLLOWING CRITERIA MAY BE USED TO DETERMINE THE BOLT TIGHTNESS (I.E. SNUG TIGHT OR PRE-TENSION) UNLESS REQUIRED OTHERWISE BY LOCAL JURISDICTION OR CONTRACT.

ALL A490 BOLTS SHALL BE "PRE-TENSIONED". A325 BOLTS IN PRIMARY FRAMING AND BRACING CONNECTIONS MAY BE "SNUG-TIGHT" EXCEPT AS FOLLOWS;

PRE-TENSION A325 BOLTS IF BUILDING SUPPORTS A CRANE GREATER THAN 5 TON CAPACITY.

PRE-TENSION A325 BOLTS IF BUILDING SUPPORTS MACHINERY THAT CREATES VIBRATION, IMPACT, OR STRESS REVERSALS ON CONNECTIONS.

PRE-TENSION A325 BOLTS IF LOCATED IN HIGH SEISMIC AREAS. FOR IBC BASED CODES; HIGH SEISMIC IS DESIGN CATEGORY D, E OR F. SEE CODES AND LOADS SECTION BELOW FOR DETAILS.

PRE-TENSION ANY CONNECTION WITH DESIGNATION A325-SC. SLIP CRITICAL (SC) CONNECTIONS MUST BE FREE OF PAINT, OIL OR OTHER MATERIALS THAT REDUCE FRICTION AT CONTACT SURFACES. GALVANIZED OR LIGHTLY RUSTED SURFACES ARE ACCEPTABLE.

IN CANADA, ALL A325 AND A490 BOLTS SHALL BE "PRE-TENSIONED", EXCEPT FOR SECONDARY MEMBERS AND FLANGE BRACES.

SECONDARY MEMBERS AND FLANGE BRACE CONNECTIONS ARE ALWAYS "SNUG TIGHT", UNLESS INDICATED OTHERWISE IN ERECTION DRAWING DETAILS.

INSPECTION AND TESTING

SPECIAL INSPECTIONS AND TESTING REQUIRED BY AUTHORITY HAVING JURISDICTION (AHJ) DURING CONSTRUCTION AND/OR STEEL FABRICATION IS THE RESPONSIBILITY OF THE OWNER OR OWNERS AUTHORIZED AGENT. WHEN REQUIRED, THE OWNER SHALL EMPLOY A QUALITY ASSURANCE AGENCY (QAA) APPROVED BY THE AHJ. THE BUILDER IS RESPONSIBLE TO COORDINATE BETWEEN THE QAA FIRM AND BBNA FABRICATION FACILITIES. THE TYPE AND EXTENT OF SPECIAL INSPECTIONS AND NDT WELD TESTING MUST BE SPECIFICALLY STIPULATED IN CONTRACT DOCUMENTS OR BBNA WILL ASSUME SPECIAL INSPECTIONS AND/OR NDT TESTING ARE WAIVED AS PERMITTED BY THE BUILDING CODE BASED ON BBNA FACILITIES IAS AC472 ACCREDITATION.

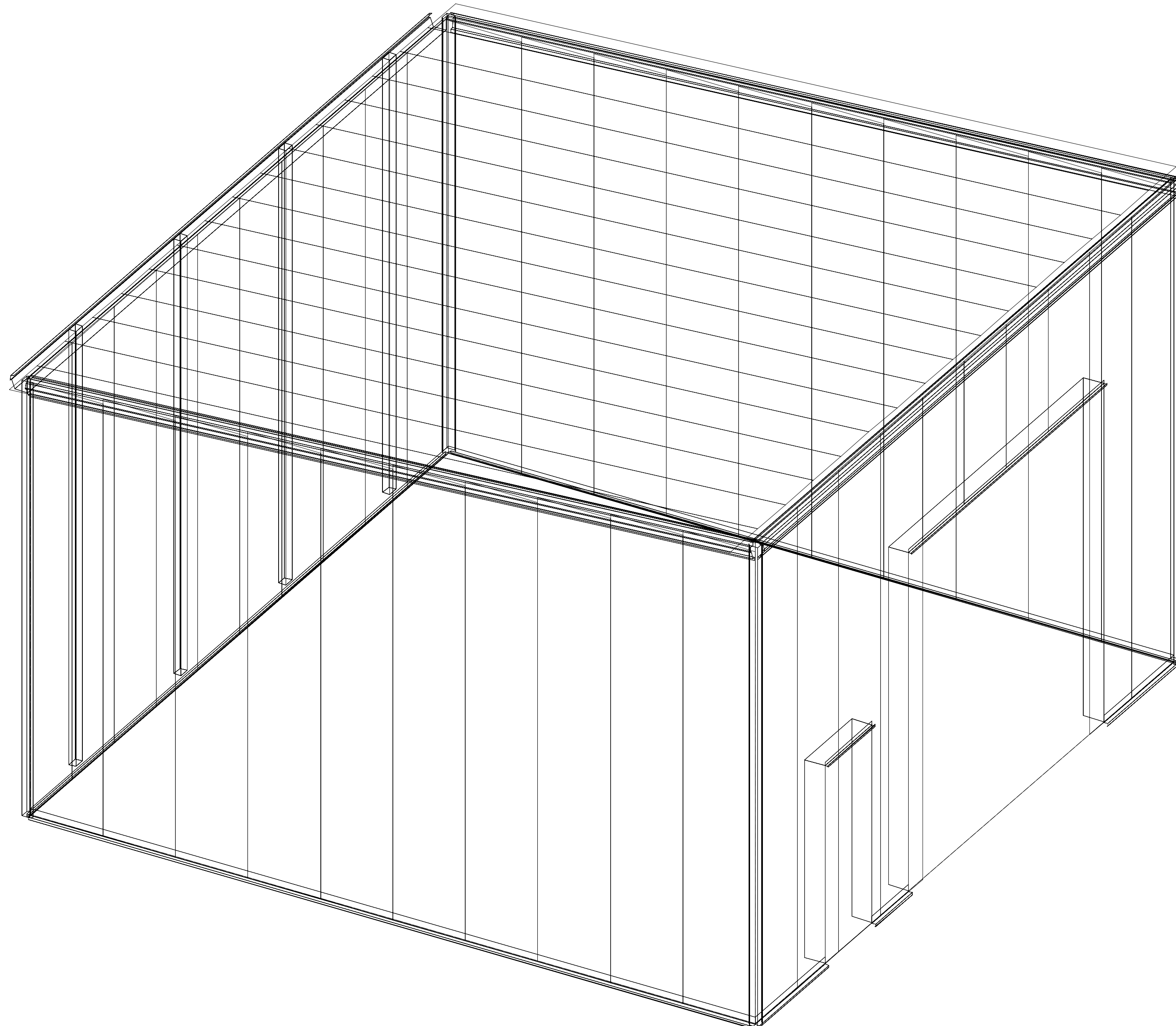
Lemartec
 a MaxTee company

REVIEW IS FOR GENERAL COMPLIANCE WITH THE CONTRACT DOCUMENTS. COMMENTS SHALL NOT BE CONSIDERED AS RELIEVING THE SUPPLIER / SUBCONTRACTOR FROM STRICT COMPLIANCE WITH ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS. THE SUPPLIER / SUBCONTRACTOR REMAINS RESPONSIBLE FOR THE DETAILS AND ACCURACY, FOR COMPLYING WITH STANDARDS OF THE INDUSTRY REGARDING FABRICATION, ASSEMBLY, COORDINATION, BMA & LEED STANDARDS, ERECTION AND INSTALLATION PROCEDURES. THE SUPPLIER / SUBCONTRACTOR SHALL NOT BE RELIEVED OF THE RESPONSIBILITY FOR DEVIATIONS FROM REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE ARCHITECTS' APPROVAL OF THIS SUBMITTAL. THE SUBCONTRACTOR HAS SPECIFICALLY INFORMED THE CONTRACTOR AND ARCHITECT IN WRITING OF SUCH DEVIATIONS AT THE TIME OF SUBMITTAL.

□ REVIEWED
 □ REVIEWED AS NOTED
 □ REVISE & RESUBMIT
 □ REJECTED

By: Don Moore
 Date: 02/26/2024

Lemartec Project #: 23068
 Client: Superstar Construction
 Client Project #: 23290012



VP Buildings 3200 Players Club Circle Memphis TN 38125

This document has been electronically signed and sealed by W. Jason Clymer, PE using my Digital Signature with PE seal affixed. Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copy.



THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.

THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND MAY BE REPRODUCED ONLY FOR THAT PURPOSE. IT SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS.

THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.



D COVER SHEET

BUILDER	Lemartec Corporation
CUSTOMER	Duke Energy
LOCATION	Dunn, North Carolina
PROJECT	Duke Energy Dunn Operations Center - Weld Shop
BUILDERS PO#	23068 - Weld Shop
FILENAME	Duke Energy - Weld Shop



VPC VERSION: 2023.4a

JOBNO	23-016000-01
DATE	01/31/2024
DRAWN / CHECK	MB WJC
PAGE	1

a division of BlueScope Buildings North America, Inc.

Codes and Loads
 WHEN MULTIPLE BUILDINGS ARE INVOLVED, SPECIFIC LOAD FACTORS FOR DIFFERING OCCUPANCIES, BUILDING DIMENSIONS, HEIGHTS, FRAMING SYSTEMS, ROOF SLOPES, ETC., MAY RESULT IN DIFFERENT LOAD APPLICATION FACTORS THAN INDICATED BELOW. SEE CALCULATIONS FOR FURTHER DETAILS. WIND LOADS ARE APPLIED TO OVERALL BUILDING ENVELOPE. COMMON WALLS BETWEEN CONNECTED SHAPES ARE NOT SUBJECT TO EXTERNAL WIND LOADS.

City: Dunn County: Harnett State: North Carolina Country: United States

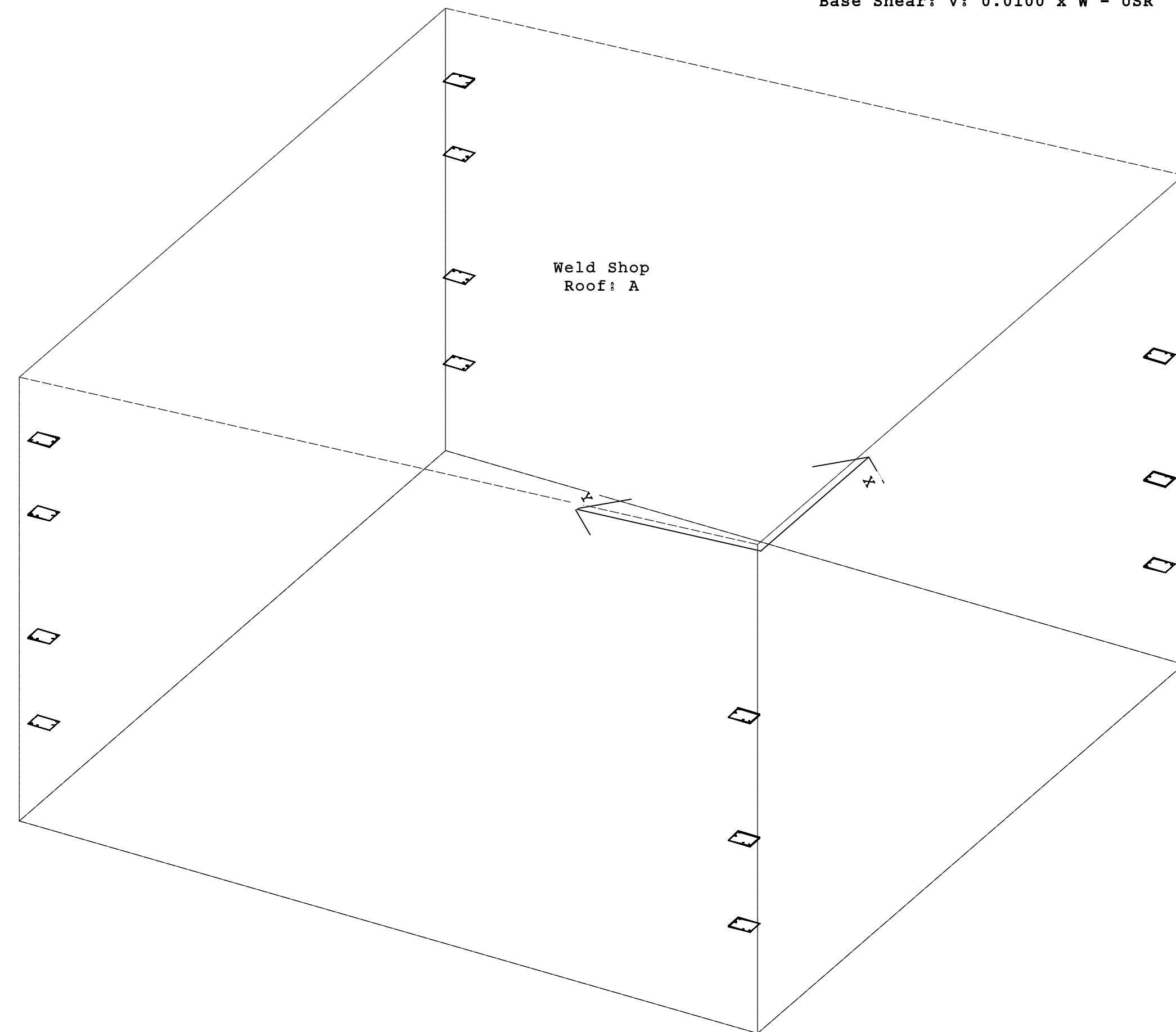
Building Code
 Building Code: 2018 North Carolina Building Code Structural: 10AISC - ASD Rainfall: I: 12.00 inches per hour
 Based on Building Code: 2015 International Building Code Cold Form: 12AISI - ASD f'c: 3000.00 psi Concrete
 Building Risk/Occupancy Category: II (Standard Occupancy Structure)

Dead and Collateral Loads Material Dead Weight Roof Live Load
 Collateral Gravity: 5.00 psf Roof Covering + Second. Dead Load: 2.89 psf Roof Live Load: 20.00 psf Reducible
 Collateral Uplift: 0.00 psf Frame Weight (assumed for seismic): 2.50 psf

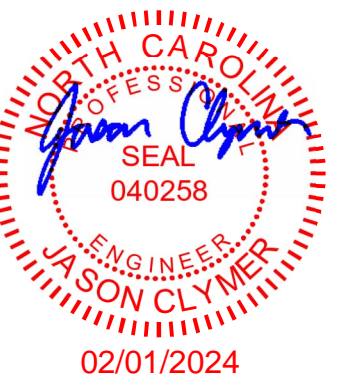
Wind Load Snow Load Seismic Load
 Wind Speed: Vult: 119.00 (Vasd: 92.18) mph Ground Snow Load: pg: 10.00 psf Lateral Force Resisting Systems using Equivalent Force Procedure
 The 'All Heights' Method is Used - User Modified Flat Roof Snow: pf: 6.93 psf Mapped MCE Acceleration: Ss: 17.90 %g
 Wind Exposure: C - Kz: 0.882 Design Snow (Sloped): ps: 6.93 psf Mapped MCE Acceleration: S1: 8.40 %g
 Parts Wind Exposure Factor: 0.882 Rain Surcharge: 0.00 Site Class: Stiff soil (D)
 Wind Enclosure: Enclosed Specified Minimum Roof Snow: 10.00 psf (Code) Seismic Importance: Ie: 1.000
 Topographic Factor: Kzt: 1.0000 Exposure Factor: 1 Fully Exposed - Ce: 0.90 Design Acceleration Parameter: Sds: 0.1909
 Hurricane Prone Region Snow Importance: Is: 1.000 Design Acceleration Parameter: Sd1: 0.0000
 NOT Windborne Debris Region Thermal Factor: Kept just above freezing - Ct: 1.10 Seismic Design Category: B
 Base Elevation: 0/0/0 Ground / Roof Conversion: 0.70 Seismic Snow Load: 0.00 psf
 Primary Zone Strip Width: 2a: 9/0/0 Unobstructed, Slippery % Snow Used in Seismic: 0.00
 Parts / Portions Zone Strip Width: a: 3/0/0 Diaphragm Condition: Flexible
 Velocity Pressure: qz: 27.18 psf Fundamental Period Height Used: 18/11/4

Transverse Direction Parameters
 System NOT detailed for Seismic
 Redundancy Factor: Rho: 1.00
 Fundamental Period: Ta: 0.0000
 R-Factor: 3.00
 Overstrength Factor: Omega: 2.50
 Deflection Amplification Factor: Cd: 3.00
 Base Shear: V: 0.0100 x W - USR

Longitudinal Direction Parameters
 System NOT detailed for Seismic
 Redundancy Factor: Rho: 1.00
 Fundamental Period: Ta: 0.0000
 R-Factor: 3.00
 Overstrength Factor: Omega: 2.50
 Deflection Amplification Factor: Cd: 3.00
 Base Shear: V: 0.0100 x W - USR



This document has been electronically signed and sealed by W. Jason Clymer, PE using my Digital Signature with PE seal affixed. Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copy.



PERMIT SET- For Building Dept. Approval

<p>THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.</p>	<p>THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND MAY BE REPRODUCED ONLY FOR THAT PURPOSE. IT SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS.</p> <p>THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.</p>	<p>D</p> <p>VP Buildings 3200 Players Club Circle Memphis TN 38125</p>	<p>CODES AND LOADS</p>		<p>JOBNO 23-016000-01 DATE 01/31/2024 DRAWING/CHECK MB WJC PAGE 2</p>																					
			<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REV		DATE	BY	DESCRIPTION																		
REV	DATE	BY	DESCRIPTION																							
<p>1/31/2024 16:40:57</p>		<p>NTS</p>		<p>a division of BlueScope Buildings North America, Inc.</p>																						

BUILDER/CONTRACTOR RESPONSIBILITIES

VP Buildings follows the guidelines as outlined in the AISC and MBMA Codes of Standard Practice. VP Buildings standard product specifications, design, fabrication, quality criteria shall govern all work unless stipulated otherwise in the contract documents. In case of discrepancies between VP Buildings structural plans and plans for other trades, VP Buildings structural plans shall govern.

It is the responsibility of the Builder to obtain approvals and permits from all governing agencies and jurisdictions as required. Approval of VP Buildings drawings constitutes the builders acceptance of VP interpretation of the contract purchase order. Unless specific design criteria concerning interface design and details are furnished as part of the contract, VP Buildings design assumptions shall govern.

VP engineers are not Project Engineers or Engineer of Record for the overall project. VP engineering supply sealed engineering design data and drawings for VP supplied material as part of the overall project for use by others to obtain permits, approvals, and coordinate with other trades. All interface and/or compatibility of any materials not furnished by VP are to be considered and coordinated by the builder or A/E firm.

CONSTRUCTION & ERECTION RESPONSIBILITY

The Builder is responsible for construction in strict accordance with VP Buildings "FOR CONSTRUCTION" drawings and all applicable product installation guides. VP is not responsible for work done from any other VP drawings that are not marked "FOR CONSTRUCTION", nor any drawings prepared by others.

As erected field assemblies of members shall be as specified in MBMA Code of Standard Practice (in Canada - CSA S16), which require L/500 tolerance of installed members. Occasional field work including shimming, cutting, coping, and drilling for final fit-up are considered part of erection. Specified field work and field welding conditions indicated on these drawings shall also be included in the erectors scope of work. See Erection Guide for shimming procedure. For building with top riding bridge cranes see Crane Data drawing for column plumb tolerance.

The building erector shall be properly licensed and experienced in erecting metal building systems. The Builder is responsible for having knowledge of, and shall comply with, all OSHA requirements and all other governing site safety criteria. The builder is responsible for designing, supplying, locating and installing temporary supports and bracing during erection of the building. VP bracing is designed for code required loads after building completion and shall not be considered as adequate erection bracing. See Erection Guide.

Shimming of steel buildings during erection may be required to accomodate allowable tolerances during fabrication and erection. Special care should be taken by the building erector to shim connections where key dimensions must be maintained for building performance as even small tolerances can have a significant impact on critical dimensions such as height, clearances and plumbness, especially as the size of the member or building increases. Conditions where shimming should be expected can include but are not limited to large door openings, critical clear height requirements, cranes, buildings greater than 45 feet in height, clear spans greater than 125 feet and adjacent frames with different characteristics (like clear span frames adjacent to an endwall or modular frame). Shims are normally provided by the erector, but may be ordered upon request by contacting your Project Manager.

EXISTING STRUCTURES

VP must be advised of any structure that is within 20 ft. of VP's building. Load effects from snow drifting, wind effects, and seismic separation must be considered for both the new and existing structures. VP has designed the new VP building for these effects. The owner/builder are responsible for employing a Professional Engineer to review and verify the existing structure for all load effects from the adjacent VP building.

BRACING

Tension brace rods work in pairs to balance forces caused by initial tensioning. Care must be taken while tightening brace rods so as not to cause accidental or misalignment of components. All rods must be installed loose and then tightened. Rods should not exhibit excessive sag. For long or heavy rods, or angles it may be necessary to support the rods at mid-bay by suspending them from secondary members.

Bracing for seismic or wind loading of objects or equipment that are not a part of the VP structure must be designed by a qualified professional to deliver lateral loads to primary frames and rod bracing struts. Equipment bracing and suspension connections must not impose torsion or minor axis loads, or cause local distortion in any VP components. VP accepts no responsibility for design or installation of bracing systems not furnished by VP.

FIELD WELDING

All field welding shall be done at the direction of a design professional, and done in accordance with governing requirements (AWS in USA, CWB in Canada) by welders qualified to perform the welding as directed by the applicable welding procedure specification (WPS). A WPS shall be prepared by the contractor for each welding variation specified. The contractor is responsible for any special welding inspection as required by local jurisdiction. Filler metal shall be 70 ksi (480 MPa) tensile strength. For welds in high seismic force resisting system (Seismic Cat D, E or F), minimum Charpy V-Notch toughness shall meet AISC-341 criteria (20 ft-lbs min @ 0Deg F). Interpass temperatures shall not exceed 550Deg F (300Deg C).

DELIVERIES

It is the responsibility of the builder to have adequate equipment available at the job site to unload trucks in a safe and timely manner. The Builder will be responsible for all retention charges from carriers as a result of job site unloading delays.

SIGNAGE

The Builder is responsible for furnishing signs as required by Code and the Building Department, including but not limited to, exits, occupancy limits, floor loading limits, and bulk storage limits. Floor loading signs shall clearly indicate maximum floor live load permitted. Bulk storage facilities shall have signs clearly posted on all loaded walls indicating the type of commodity stored and the maximum storage height. Signs shall be clearly visible when building is fully loaded to design level. Overloading of floors or walls may result in failure.

Claims for damage or shorts MUST be noted on the Bill-of-Lading or delivery receipt and filed against the carrier by the consignee as per VP's Terms of Sales (F.O.B. Plant) under the Uniform Commercial Code. It is critical that damages or shorts be noted on the Bill-of-Lading or you have little recourse with the carrier. Immediately upon delivery of material, material quantities are verified by the Builder against quantities billed on the shipping document. Neither the Manufacturer nor the carrier is responsible for material shortages against quantities billed on the shipping document if such shortages are not noted on the shipping documents upon delivery of material and acknowledged by the carriers agent. For materials concealed in bundles, boxes, or crates, shortages must be reported immediately upon unpacking. Should products get wet, bundled and crated materials must be unpacked and unbundled immediately to provide drainage of trapped moisture. See Erection Guide for proper job site storage procedure.

SEALANTS

Sealants shall be applied in strict accordance with VP details or weather tightness will be compromised. Sealant must be applied in temperatures and weather conditions consistent with labeling.

INDEPENDENT MEZZANINES

Independent mezzanines must be designed by a professional engineer. The engineer must ensure that proper isolation from the VP building has been provided to avoid structural damage due to differential movements, or inadvertently apply loads to the VP structure. VP accepts no responsibility for the design of the independent mezzanine.

FIRE CODE COMPLIANCE

It is the responsibility of the project design professional and builder to comply with local fire code regulations including consideration of, but not limited to, building use and occupancy, all building construction materials, separation requirements, egress requirements, fire protection systems, etc. Builder shall advise VP of any special requirements to be furnished by VP.

FIELD MODIFICATIONS

Modifications to this building from details and instructions contained on these drawings must be approved in writing by VP Buildings engineers, or other licensed structural engineer. This includes, but is not limited to, removal of roof or wall cladding, removing or moving any flange braces or rod braces, cutting of openings for doors, windows or RTU's, correction of fabrication errors, etc. The owner shall not impose loads to this structure beyond what is specified for this building in the contract documents. VP Buildings accepts no responsibility for the consequences of any unauthorized additions, alterations, or added loads to this structure.

If the builder intends to invoice VP Buildings for modifications in excess of \$1000, The builder must notify VP Buildings immediately, and obtain a Work Authorization from VP Buildings prior to proceeding. All final claims must be submitted to VP Buildings with all supporting documentation within 30 days of the building completion. Claims submitted without work authorizations, or after 30 days will not be accepted. Correction of minor misfits, shimming and plumbing, moderate amount of reaming, drilling, chipping / cutting and minor welding are considered by Code of Standard Practice to be part of erection are not subject to claim reimbursement.

CONCRETE/MASONRY/CONVENTIONAL STUD WALLS

The engineer responsible for the design of the wall system is responsible for coordinating with, or specifying to VP Buildings, any wall to steel compatibility issues such as drift and deflection compatibility, special base details, and wall to VP steel connections. All fasteners, sealant and counter flashing of wall systems are to be provided by contractor. The engineer responsible for the wall shall design the anchorage to VP supporting elements consistent with Code required forces.

PANELS

Oil canning is an inherent characteristic of cold formed steel panels. It is the result of several factors that include induced stresses in the raw material delivered to VP, fabrication methods, installation procedures, and post installation thermal forces. Thru fastened panels will exhibit some dimpling when installed, especially when insulation is installed between panels and secondary supports. Dimpling can be minimized by careful installation, taking care not to over drive fasteners.

Roof rumble is a phenomenon that is caused by wind gusts lifting up on the roof panels and then springing back into place. All panels experience this action to some degree, especially with concealed clip Standing Seam panels. Roof rumble noise may be minimized by providing a layer of blanket insulation between the panels and any hard support surface such as steel secondary members, substrates such as plywood, steel decking, or rigid board insulation. A minimum of 3 inch thick blanket is recommended over steel secondary members, or 2 inch over substrates.

Oil canning, dimpling, and roof rumble do not affect the structural integrity or weather tightness of the panels and is not grounds for rejection of panels.

The Standing Seam joint detail is designed with an interlocking feature for ease of installation. However, it is imperative that installed Standing Seam panels be secured to the secondary structural members and properly seamed prior to departure from the job site each day.

SKYLIGHTS

Local building departments may require added fall restraint due to conditions that may affect the skylight structural integrity. It is the responsibility of the builder to determine and provide any added fall restraint under the skylight as may be required by your building department.

RAIN WATER RUNOFF

Drainage systems must be designed by the project professional to comply with code requirements. VP is not responsible for drainage designs, overflow scuppers, down piping, etc. The project professional and contractor are responsible to ensure that primary drains and overflow devices such as scuppers and auxiliary drains are provided as required for the required rain intensity at the building perimeter and at valley conditions to prevent ponding.

STEEL SHOP COAT

The purpose of VP's shop coat is to provide protection for the steel members during transportation, during temporary job site storage and during erection. Standard shop formulation is not designed to perform as a finish coat when exposed to environmental conditions. Members shall be kept free of the ground and properly drained during job site storage. It is the Builder's responsibility to ensure that if a finish coat is being applied over VP shop coat that the painting contractor verifies compatibility between his finish coat and VP's shop coat.

VP BUILDINGS ACCREDITATIONS AND APPROVALS

Fabricator Approvals

IAS AC472 Approvals: (www.iasonline.org/services/metal-building-inspection)
Listed under BlueScope Buildings North America, Inc.
City of Los Angeles, CA #FB00031; City of Houston, TX 767 & 429;
City of Phoenix, AZ C19-02008; Clark County, NV 43 & 833, San Bernardino County, CA 289
State of Utah, City of Richmond, CA.

Design Approvals

IAS AC472 Approvals: (www.iasonline.org/services/metal-building-inspection)
Listed under Varco Pruden Buildings, a Division of BlueScope Buildings North America, Inc.

Canadian CSA A660 Certifications

(www.cwbgroup.org)
Listed under BlueScope Buildings North America, Inc.

Engineering Certifications of Authorization

USA--AL#CA-5589-E; AZ#22225-0; AR#576; FL#30427; GA#PEF007551; ID#C-2470; IL#184-002649; KS#E-29; KY#4490; LA#EF6722; MS#E-0592; MO#E-2010007736; NC#F-0998; ND#1579PE; NJ#24GA28318800; NV#20437; OH#05898; OK#CA4170PE; RI#8838; SC#6206; SD#C-1787; TX#F4828; VA#0411001520; VA#0411001518; WA#4119; WV#C03059-00
CAN--AB#P08900; NB#F0951; NL#D0044; NS#30123; NT#P062; ON#100148796; and YT#PP134

ICC Evaluation Reports (www.icc-es.org)

SSR Roof System - #ESR-2527

State of Florida Product Approvals (www.floridabuilding.org)

Approved Products Listed Under VP Buildings, Inc.
VP TextureClad - See Transamerican Structuroc, Inc.

Dade Co. Product Approval (www.miamidade.gov/buildingcode)

Approved Products Listed Under Varco Pruden Buildings, Inc.
VP TextureClad - See Transamerican Structuroc, Inc.

Underwriter's Laboratory Approvals (Available only when specified in contract)

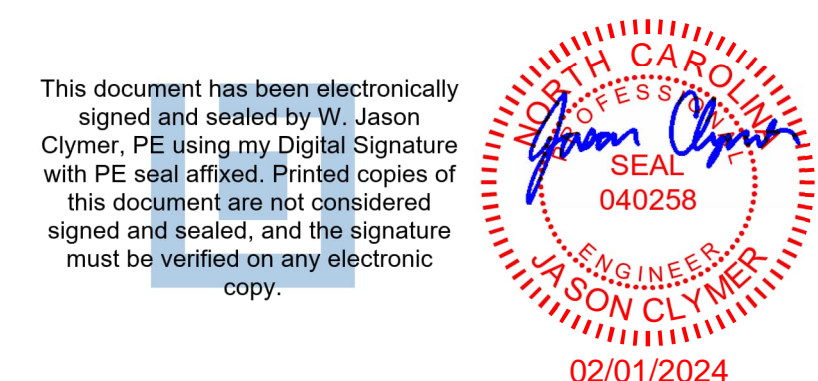
SSR Roof-UL#TGKX-113; SSR Composite Roof Class 90-UL#TGKX-113A;
SSR Roof w/Super Block; Class 90-UL#TGKX-328;
Panel Rib Roof UL Class 60-UL#TGKX-60; Panel Rib Roof UL Class 90-UL#TGKX-64;
VP SLR II Roof Class 90-UL#TGKX-90, -180, -435, -435A, -176, -238, -238A, -238B

Factory Mutual Approved Assemblies (Available only when specified in contract)

SSR Roof Systems are approved in various type applications and listed in FM Approval Guide.
24 Ga SSR (0.0227" Nominal), is available in Class 1-60, 1-75, 1-90. 22Ga SSR (0.0277" Nominal), is available in Class 1-75, 1-90, 1-120.

SLR II Roof Systems are approved in various type applications and listed in FM Approval Guide.

24 Ga SLR II (0.0227" Nominal), is available in Class 1-75 and 1-120.

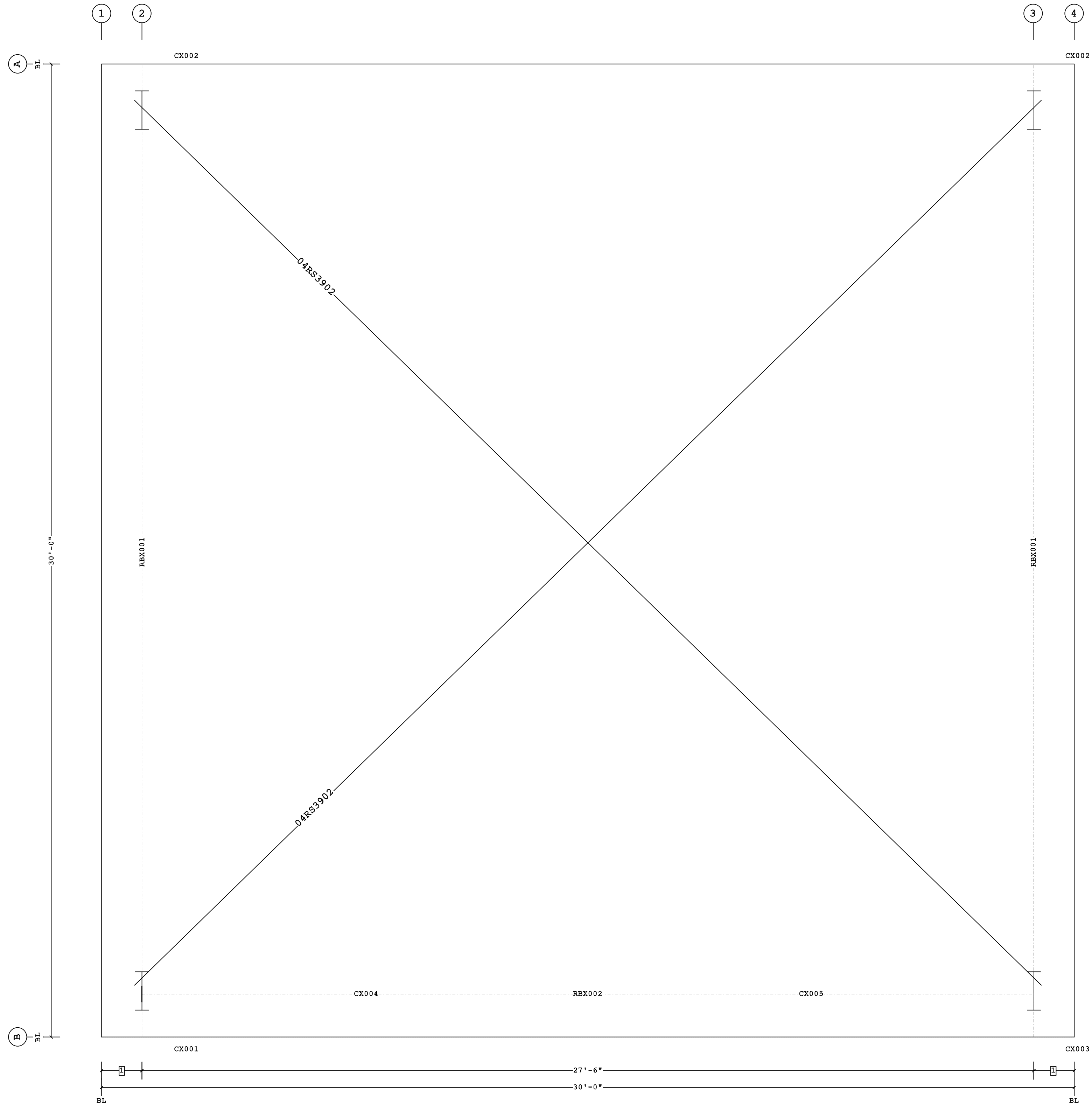


PERMIT SET- For Building Dept. Approval

<p>THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.</p>	<p>THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND MAY BE REPRODUCED ONLY FOR THAT PURPOSE. IT SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS.</p> <p>THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.</p>	<table border="1"> <tr> <td rowspan="5" style="text-align: center; vertical-align: middle;">D</td> <td colspan="3" style="text-align: center;">VP Buildings</td> </tr> <tr> <td colspan="3" style="text-align: center;">3200 Players Club Circle Memphis TN 38125</td> </tr> <tr> <td>REV</td> <td>DATE</td> <td>BY</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td colspan="3" style="text-align: center;">NTS</td> </tr> <tr> <td colspan="3" style="text-align: center;">1/31/2024</td> </tr> <tr> <td colspan="3" style="text-align: center;">16:40:58</td> </tr> </table>	D	VP Buildings			3200 Players Club Circle Memphis TN 38125			REV	DATE	BY							NTS			1/31/2024			16:40:58			<p>ERECTION NOTES</p> <p>BUILDER Lemartec Corporation</p> <p>CUSTOMER Duke Energy</p> <p>LOCATION Dunn, North Carolina</p> <p>PROJECT Duke Energy Dunn Operations Center - Weld Shop</p> <p>BUILDERS PO# 23068 - Weld Shop</p> <p>FILENAME: Duke Energy - Weld Shop</p>	<table border="1"> <tr> <td rowspan="3" style="text-align: center;"> </td> <td>JOBNO</td> <td>23-016000-01</td> </tr> <tr> <td>DATE</td> <td>01/31/2024</td> </tr> <tr> <td>DRAWN/CHECK</td> <td>MB WJC</td> </tr> <tr> <td colspan="2">PAGE</td> <td>3</td> </tr> </table> <p style="text-align: right; font-size: small;">a division of BlueScope Buildings North America, Inc.</p>		JOBNO	23-016000-01	DATE	01/31/2024	DRAWN/CHECK	MB WJC	PAGE		3
D	VP Buildings																																						
	3200 Players Club Circle Memphis TN 38125																																						
	REV	DATE		BY																																			
NTS																																							
1/31/2024																																							
16:40:58																																							
	JOBNO	23-016000-01																																					
	DATE	01/31/2024																																					
	DRAWN/CHECK	MB WJC																																					
PAGE		3																																					

Bracing Part Schedule

Part	Qty	Length	Detail
04RS3902	2	39'-2"	BR01G2



PRIMARY AND ROOF BRACING PLAN

1 1'-3"
 Dimension Key

This document has been electronically signed and sealed by W. Jason Clymer, PE using my Digital Signature with PE seal affixed. Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copy.



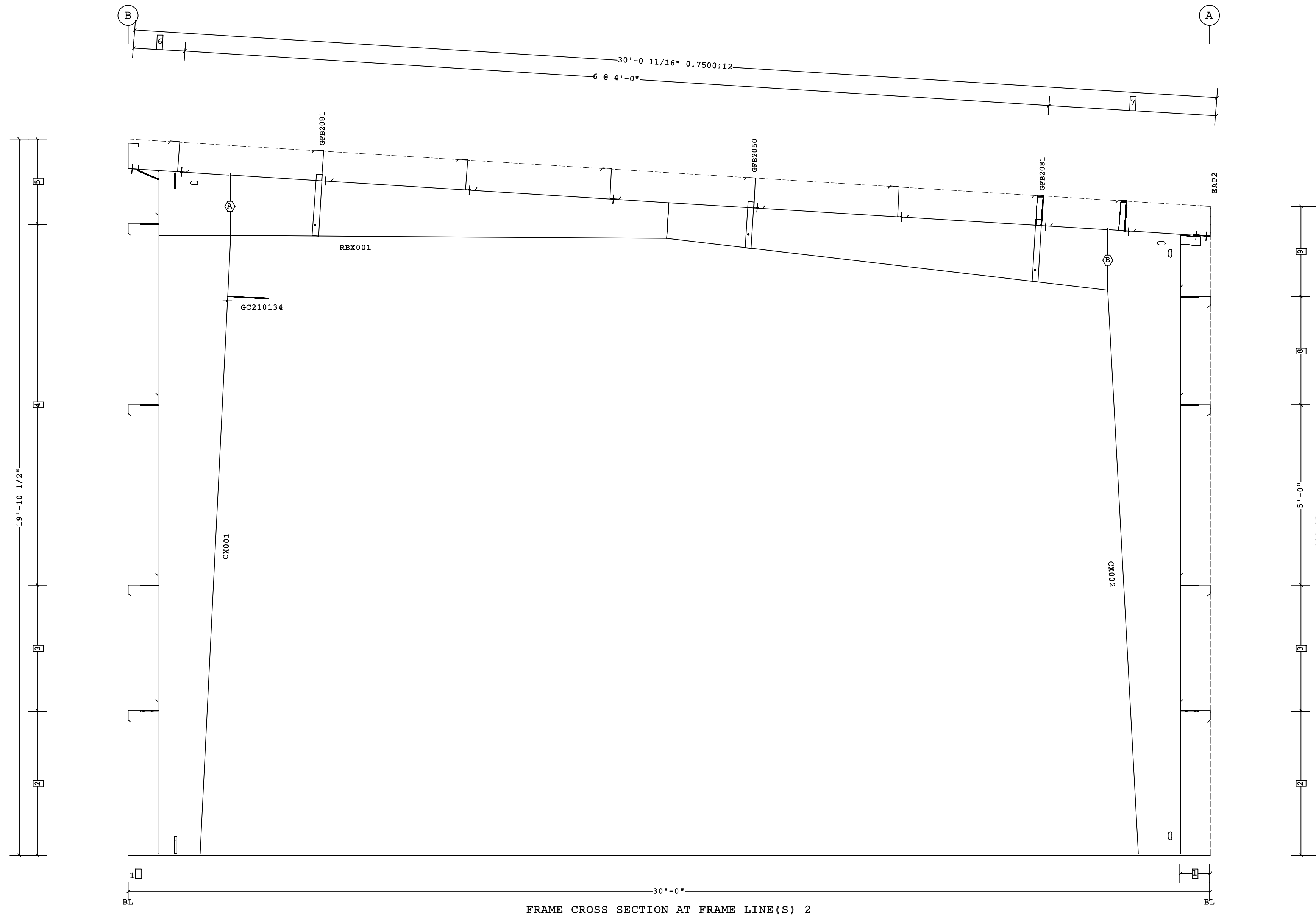
PERMIT SET- For Building Dept. Approval

<p>1. USE 1/2 X 1 1/2 A325T BOLT (49080) AND NUT (47120) W/O WASHERS. SNUG TIGHTEN BOLTS FOR ALL SECONDARY CONNECTIONS, SECONDARY CLIP CONNECTIONS, AND FLANGE BRACE CONNECTIONS, UNLESS NOTED OTHERWISE.</p> <p>2. SLOT REINFORCEMENT PLATES NEED NOT BE LOCATED ON THE SAME SIDE OF THE WEB AS THE HILLSIDE WASHER.</p>	<p>THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.</p>	<p>THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND MAY BE REPRODUCED ONLY FOR THAT PURPOSE. IT SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS.</p> <p>THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.</p>	<p>D</p> <p>VP Buildings 3200 Players Club Circle Memphis TN 38125</p>	<p>PRIMARY AND ROOF BRACING PLAN</p>														
				<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REV	DATE	BY	DESCRIPTION										
REV	DATE	BY	DESCRIPTION															

Frame Member Schedule						
Part	Mem	Width	Thick	WebThk.	Depth1	Depth2
CX001	1	5.0000	.3750	.1345	1'-2"	2'-0"
RBX001	2	5.0000	.1875	.1345	1'-8"	1'-0"
	3	5.0000	.1875	.1345	1'-0"	1'-8"
CX002	4	5.0000	.3125	.1345	1'-2"	2'-0"

Bolt Connection & Plate Schedule									
Id	Qty	Grade	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	PartNo	
A	6	A325	3/4"	2 1/2"	3/8"	1	2	0097284	
B	4	A325	3/4"	2 1/2"	3/8"	1	1	0097284	

Frame Clearances
 Horiz. Clearance between members 1(CX001) and 4(CX002): 24'-4"
 Vert. Clearance at member 1(CX001): 17'-1 13/16"
 Vert. Clearance at member 4(CX002): 15'-7 9/16"
 Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



- 9 2'-6"
- 8 3'-0"
- 7 2 @ 2'-3 13/16"
- 6 1'-5 1/8"
- 5 2'-4 1/2"
- 4 2 @ 5'-0"
- 3 3'-6"
- 2 4'-0"
- 1 10"

□ Dimension Key

FRAME CROSS SECTION AT FRAME LINE(S) 2

This document has been electronically signed and sealed by W. Jason Clymer, PE using my Digital Signature with PE seal affixed. Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copy.



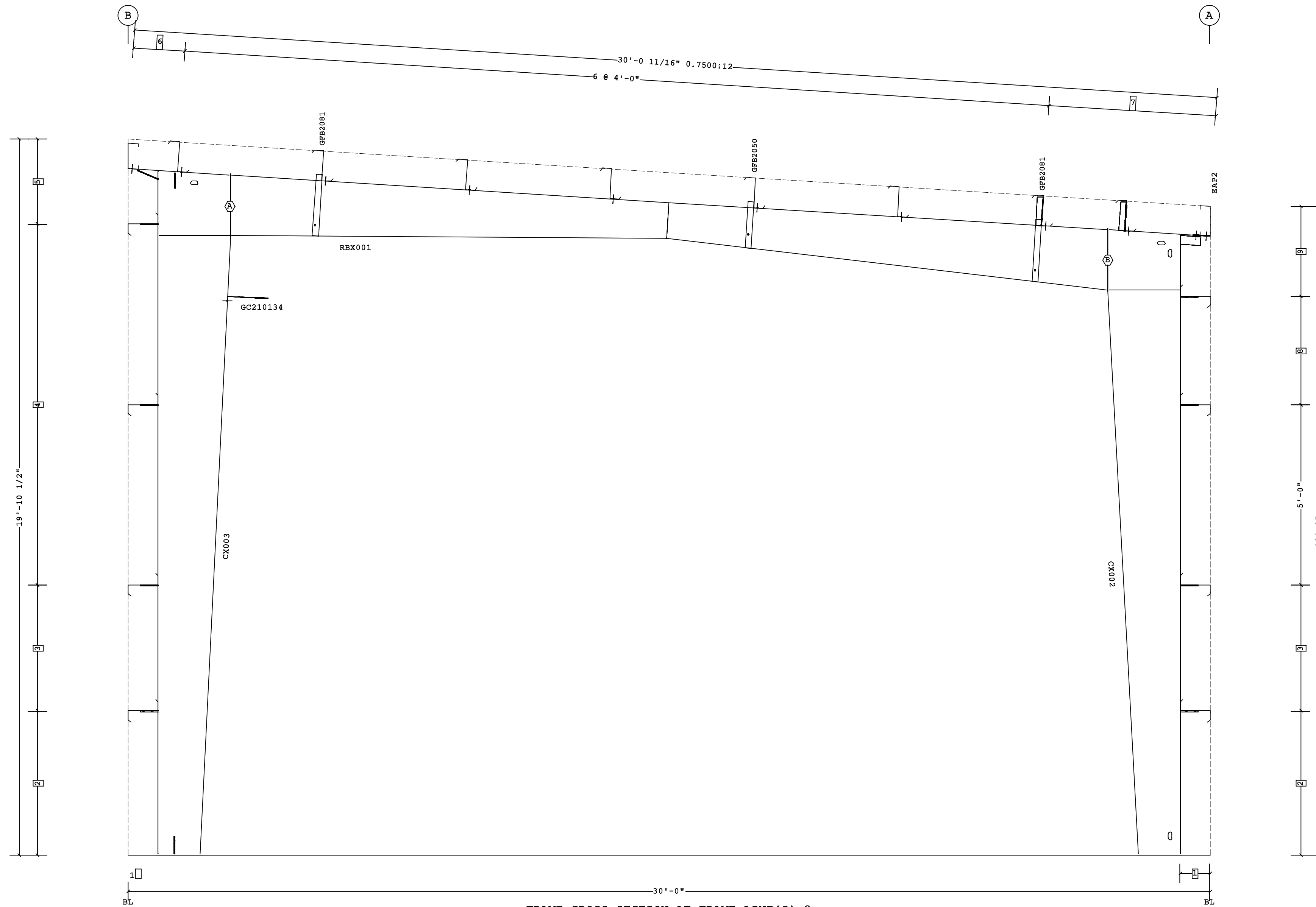
PERMIT SET- For Building Dept. Approval

1. USE 1/2 X 1 1/2 A325T BOLT (49080) AND NUT (47120) W/O WASHERS. SNUG TIGHTEN BOLTS FOR ALL SECONDARY CONNECTIONS, SECONDARY CLIP CONNECTIONS, AND FLANGE BRACE CONNECTIONS, UNLESS NOTED OTHERWISE. 2. SLOT REINFORCEMENT PLATES NEED NOT BE LOCATED ON THE SAME SIDE OF THE WEB AS THE HILLSIDE WASHER.		THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.	THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND MAY BE REPRODUCED ONLY FOR THAT PURPOSE. IT SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS. THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.	D VP Buildings 3200 Players Club Circle Memphis TN 38125	FRAME CROSS SECTION AT FRAME LINE(S) 2
REV DATE BY DESCRIPTION	BUILDER Lemartec Corporation CUSTOMER Duke Energy LOCATION Dunn, North Carolina PROJECT Duke Energy Dunn Operations Center - Weld Shop BUILDERS PO# 23068 - Weld Shop	JOBNO 23-016000-01 DATE 01/31/2024 DRAWINGCHECK MB WJC PAGE 7	VP BUILDINGS VARCO PRUDEN A BlueScope Steel Company VPC VERSION: 2023.4a	FILENAME: Duke Energy - Weld Shop a division of BlueScope Buildings North America, Inc.	

Frame Member Schedule						
Part	Mem	Width	Thick	WebThk.	Depth1	Depth2
CX003	1	5.0000	.3750	.1345	1'-2"	2'-0"
RBX001	2	5.0000	.1875	.1345	1'-8"	1'-0"
	3	5.0000	.1875	.1345	1'-0"	1'-8"
CX002	4	5.0000	.3125	.1345	1'-2"	2'-0"

Bolt Connection & Plate Schedule									
Id	Qty	Grade	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	PartNo	
A	6	A325	3/4"	2 1/2"	3/8"	1	2	0097284	
B	4	A325	3/4"	2 1/2"	3/8"	1	1	0097284	

Frame Clearances
 Horiz. Clearance between members 1(CX003) and 4(CX002): 24'-4"
 Vert. Clearance at member 1(CX003): 17'-1 13/16"
 Vert. Clearance at member 4(CX002): 15'-7 9/16"
 Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)

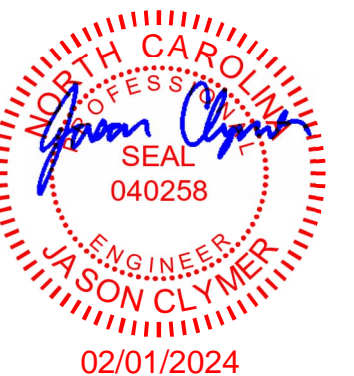


FRAME CROSS SECTION AT FRAME LINE(S) 3

- 9 2'-6"
- 8 3'-0"
- 7 2 @ 2'-3 13/16"
- 6 1'-5 1/8"
- 5 2'-4 1/2"
- 4 2 @ 5'-0"
- 3 3'-6"
- 2 4'-0"
- 1 10"

□ Dimension Key

This document has been electronically signed and sealed by W. Jason Clymer, PE using my Digital Signature with PE seal affixed. Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copy.



PERMIT SET- For Building Dept. Approval

1. USE 1/2 X 1 1/2 A325 BOLT (49080) AND NUT (47120) W/O WASHERS. SNUG TIGHTEN BOLTS FOR ALL SECONDARY CONNECTIONS, SECONDARY CLIP CONNECTIONS, AND FLANGE BRACE CONNECTIONS, UNLESS NOTED OTHERWISE. 2. SLOT REINFORCEMENT PLATES NEED NOT BE LOCATED ON THE SAME SIDE OF THE WEB AS THE HILLSIDE WASHER.		THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.	THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND MAY BE REPRODUCED ONLY FOR THAT PURPOSE. IT SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS. THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.	D VP Buildings 3200 Players Club Circle Memphis TN 38125	FRAME CROSS SECTION AT FRAME LINE(S) 3
REV DATE BY DESCRIPTION	BUILDER Lemartec Corporation	CUSTOMER Duke Energy	LOCATION Dunn, North Carolina	PROJECT Duke Energy Dunn Operations Center - Weld Shop	JOBNO 23-016000-01
BUILDERS PO# 23068 - Weld Shop	VPC VERSION: 2023.4a	DRAWING/CHECK MB WJC	PAGE 8	FILENAME: Duke Energy - Weld Shop	DATE 01/31/2024

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth	Approx.Weight
CX004	1	6.0000	.2500	.1345	10"	10"	18'-4 5/8"	278#
RBX002	2-3	5.0000	.1875	.1345	1'-6"	1'-6"	25'-8 3/4"	395#
CX005	4	6.0000	.2500	.1345	10"	10"	18'-4 5/8"	278#

Bolt Connection & Plate Schedule									
Id	Qty	Grade	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	PartNo	
A	4	A325	3/4"	2 1/2"	3/8"	1	1	0097284	

Frame Clearances
 Horiz. Clearance between members 1(CX004) and 4(CX005): 25'-9"
 Vert. Clearance at member 1(CX004): 16'-11"
 Vert. Clearance at member 4(CX005): 16'-11"
 Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



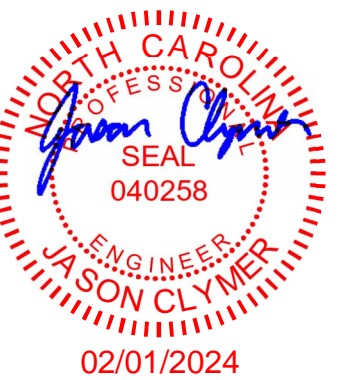
PORTAL FRAME ELEVATION ALONG B

- 2 1'-4"
- 1 1/2"

□ Dimension Key

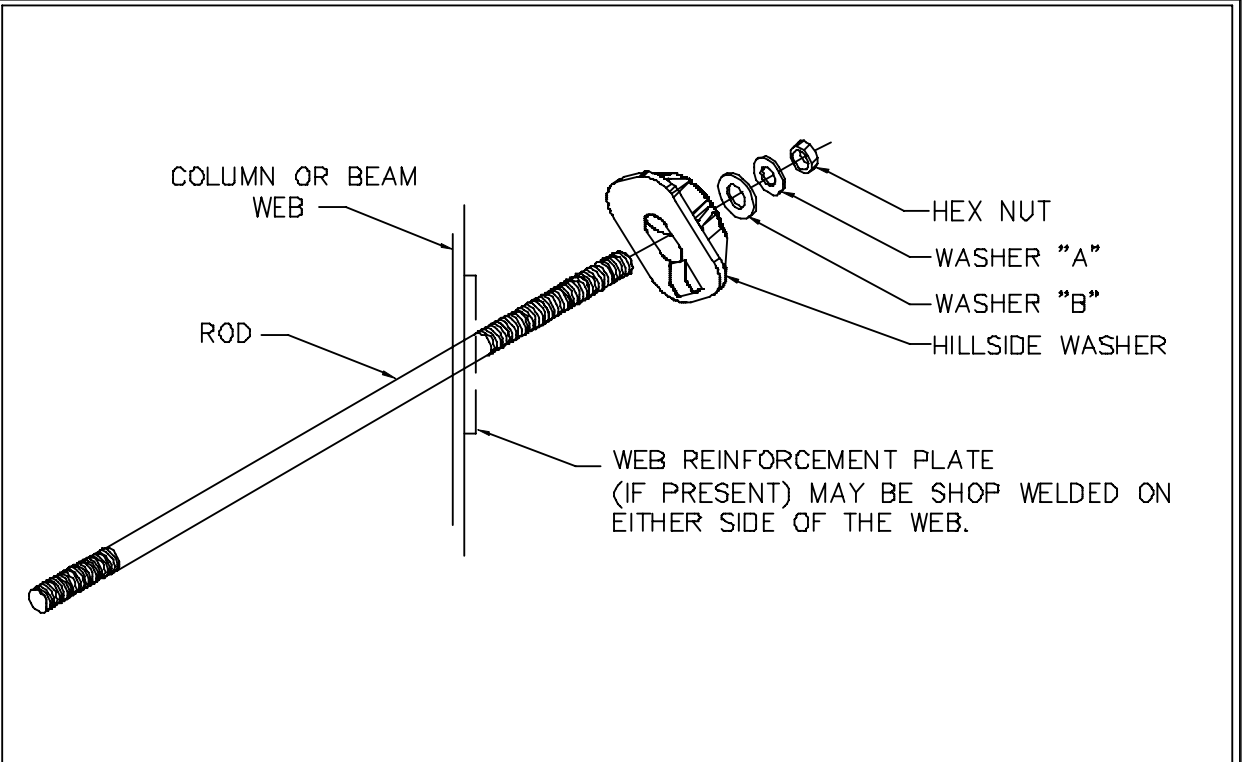
Shape Name = Weld Shop Wall 4, Frame 1

This document has been electronically signed and sealed by W. Jason Clymer, PE using my Digital Signature with PE seal affixed. Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copy.



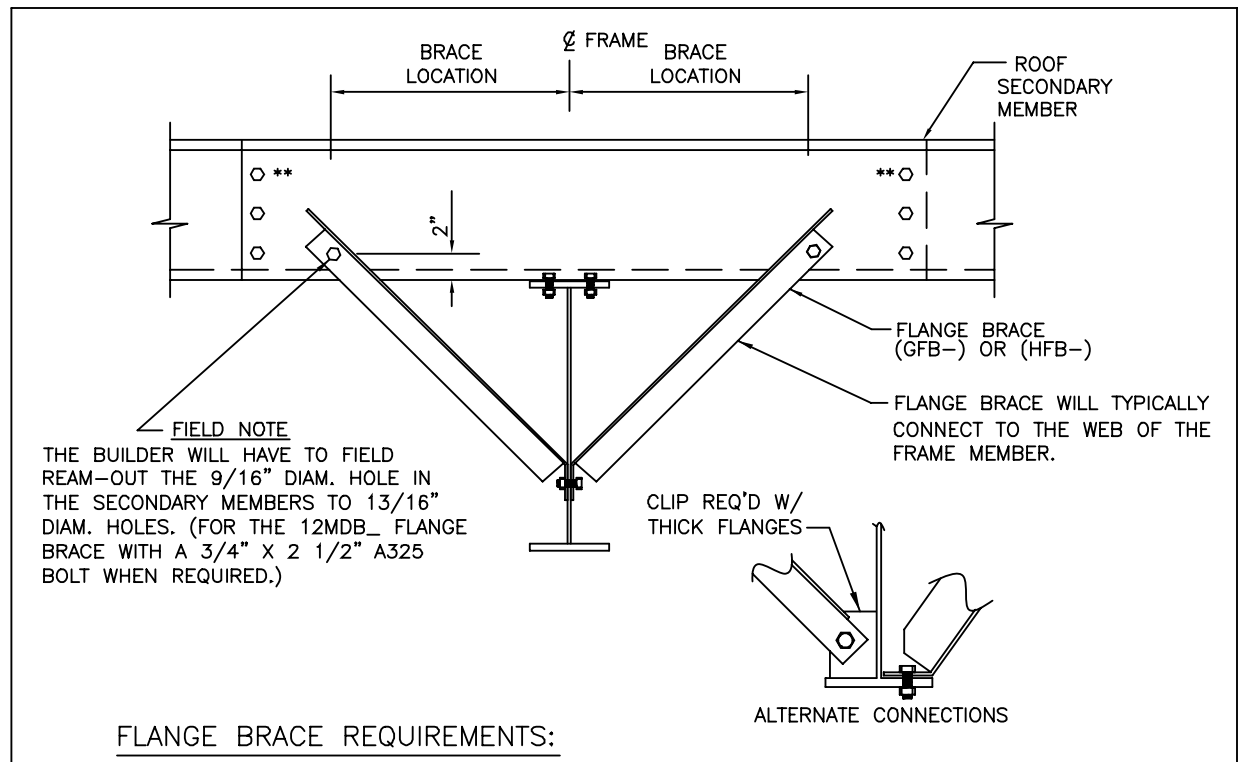
PERMIT SET- For Building Dept. Approval

1. USE 1/2 X 1 1/2 A325T BOLT (49080) AND NUT (47120) W/O WASHERS. SNUG TIGHTEN BOLTS FOR ALL SECONDARY CONNECTIONS, SECONDARY CLIP CONNECTIONS, AND FLANGE BRACE CONNECTIONS, UNLESS NOTED OTHERWISE. 2. SLOT REINFORCEMENT PLATES NEED NOT BE LOCATED ON THE SAME SIDE OF THE WEB AS THE HILLSIDE WASHER.	THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.	THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND MAY BE REPRODUCED ONLY FOR THAT PURPOSE. IT SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS. THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.	D VP Buildings 3200 Players Club Circle Memphis TN 38125	PORTAL FRAME ELEVATION ALONG B	
				REV DATE BY DESCRIPTION	BUILDER Lemartec Corporation CUSTOMER Duke Energy LOCATION Dunn, North Carolina PROJECT Duke Energy Dunn Operations Center - Weld Shop BUILDERS PO# 23068 - Weld Shop NTS



DESCRIPTION/PART NO				
ROD DIAM	NUT	HARD STEEL ROUND WASHER	HARD STEEL WASHER	HILLSIDE WASHER
3/8"	95321	3/8" FLAT WASHER (96408)	1/2" BEVEL SQUARE WASHER (46040)	
1/2"	95230	1/2" FLAT WASHER (95872)	3/4" FLAT ROUND WASHER (95946)	543334
5/8"	95233	5/8" FLAT WASHER (95945)		
3/4"	95235	3/4" FLAT WASHER (95946)	1" FLAT ROUND WASHER (95948)	543335
7/8"	95237	7/8" FLAT WASHER (95947)		
1"	95238	1" FLAT WASHER (95948)	1 1/8" FLAT ROUND WASHER (95949)	543336
1 1/8"	95239	1 1/8" FLAT WASHER (95949)		

REV. DATE:08/02/17	REV. NO.04	ROD BRACE WEB SLOT ASSEMBLY
BR01G2		



FLANGE BRACE REQUIREMENTS:

RULE#1- ALL FLANGE BRACES ON CROSS SECTIONS MUST BE INSTALLED.

RULE#2- SINGLE FLANGE BRACES ARE REQUIRED WHEN PART MARK ON CROSS SECTION IS NOT ACCOMPANIED BY (2).

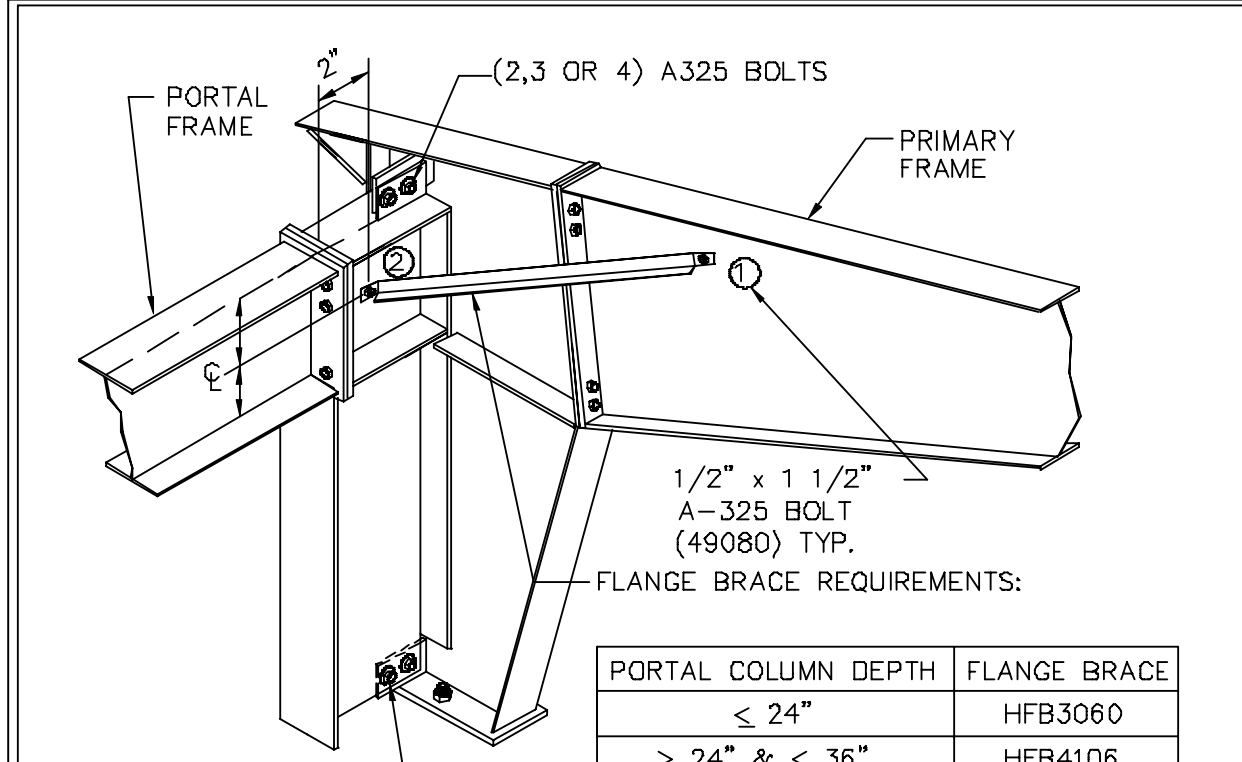
RULE#3- FLANGE BRACES ARE REQUIRED BOTH SIDES OF THE FRAME WEB WHEN PART MARK IS ACCOMPANIED BY (2).

RULE#4- WHENEVER POSSIBLE, PLACE SINGLE BRACES TOWARD THE CENTER OF THE BUILDING.

RULE#5- WHENEVER POSSIBLE, PLACE ALL SINGLE BRACES ON THE SAME SIDE OF THE FRAME WEB.

**** 10" & 11 1/2" PURLINS REQUIRE 3 BOLTS AT EACH END OF PURLIN LAP.**

REV. DATE:05/08/18	REV. NO.02	TYPICAL FLANGE BRACE CONNECTIONS CONT. PURLIN LAP SHOWN, CONT. GIRT & SIMPLE PURLIN
BR06AE		



FLANGE BRACE REQUIREMENTS:

PORTAL COLUMN DEPTH	FLANGE BRACE
≤ 24"	HFB3060
> 24" & ≤ 36"	HFB4106
> 36"	HFB6032

NOTES:

① FIELD DRILL 9/16" HOLES IN PRIMARY AND PORTAL FRAME WEBS FOR FLANGE BRACE CONNECTIONS.

② DRILL 9/16" HOLE IN PORTAL FRAME COLUMN WEB APPROX. 2" FROM BOLTING PLATE @ BEAM C.

REV. DATE:03/17/18	REV. NO.03	FLUSH PORTAL FRAME CONNECTION FLANGE BRACE CONNECTION AND LOCATION
BR12K1		

F = FEET G = GAGE
I = INCHES O = OPERATION
E = EIGHTHS C = FIN/COLOR

PANEL/COVERING
W 1 3 1 1 7 2 6 1 K T D
* F F I I E G G O C C C
LENGTH CODE

INSULATION
I B 1 3 0 1 0 3 6 0 3 0 W V
* * F F F I I I I I E C C
LENGTH WIDTH THK CODE

SECONDARY (STANDARD)
O B Z 1 9 1 1 4 1 7 - - - - -
* * * F F I I E G G * * * * *
DEPTH LENGTH GAGE ADJUST.CODES
SHAPE

SECONDARY (SPECIAL)
O 0 1 0 8 Z 1 9 1 1 4 1 7 - - - -
* * * * * F F I I E G G * * * * *
COUNTER DEPTH & LENGTH GAGE ADJUST.CODES
SHAPE

ROD BRACING
O 3 R S 2 5 1 0
I E * * F F I I
DIA LENGTH

RS = THREADS BOTH ENDS
RT = THREADS ONE END - CLEVIS ONE END
RU = CLEVIS BOTH ENDS
RP = THREAD BOTH ENDS - NO HILLSIDES

CX*** = COLUMN (PLATE)
CGX*** = COLUMN (GAGE)
WCX*** = COLUMN (HOTROLL)

RBX*** = RAFTER (PLATE)
BGX*** = RAFTER (GAGE)
WRX*** = RAFTER (HOTROLL)
TRX*** = TRUSS RAFTER

ICX*** = INTERIOR COLUMN
PCX*** = PIPE COLUMN
TCX*** = TUBE COLUMN

EPX*** = ENDPOST (PLATE)
EGX*** = ENDPOST (GAGE)

CBX*** = CANOPY (PLATE)
CBX*** = PIGGYBACK CANOPY

DCC*** = 8 1/2" GAGE POST
DCE*** = 10" GAGE POST

REV. DATE:08/29/12	REV. NO.01	MARK NUMBER KEY COMMON GENERATED MARK NUMBERS
EN50B1		

BASIC ERECTION GUIDE REQUIRED FOR THIS PROJECT:

REFER TO:

VARCO PRUDEN BUILDINGS

BASIC ERECTION GUIDE

The Field Guide for correctly storing and erecting Varco Pruden Metal Building Systems

BACK COVER: 4001 BASIC ERECTION GUIDE

REV. DATE:01/30/14	REV. NO.00	BASIC ERECTION GUIDE - STRUCTURAL
ENVO02		

1. USE 1/2 X 1 1/2 A325T BOLT (49080) AND NUT (47120) W/O WASHERS. SNUG TIGHTEN BOLTS FOR ALL SECONDARY CONNECTIONS, SECONDARY CLIP CONNECTIONS, AND FLANGE BRACE CONNECTIONS, UNLESS NOTED OTHERWISE.

2. SLOT REINFORCEMENT PLATES NEED NOT BE LOCATED ON THE SAME SIDE OF THE WEB AS THE HILLSIDE WASHER.

THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.

THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND MAY BE REPRODUCED ONLY FOR THAT PURPOSE. IT SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS.

THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.

D	VP Buildings			
	3200 Players Club Circle Memphis TN 38125			
REV	DATE	BY	DESCRIPTION	
NTS				

PRIMARY BRACING SED'S

BUILDER	Lemartec Corporation
CUSTOMER	Duke Energy
LOCATION	Dunn, North Carolina
PROJECT	Duke Energy Dunn Operations Center - Weld Shop
BUILDERS PO#	23068 - Weld Shop
VP BUILDINGS	VARCO PRUDEN A BlueScope Steel Company
VPC VERSION:	2023.4a

JOBNO: 23-016000-01
DATE: 01/31/2024
DRAWING/CHECK: MB WJC
PAGE: 10

VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company
VPC VERSION: 2023.4a
a division of BlueScope Buildings North America, Inc.

This document has been electronically signed and sealed by W. Jason Clymer, PE using my Digital Signature with PE seal affixed. Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copy.

W. Jason Clymer
SEAL
040258
ENGINEER
JASON CLYMER
02/01/2024

PERMIT SET- For Building Dept. Approval

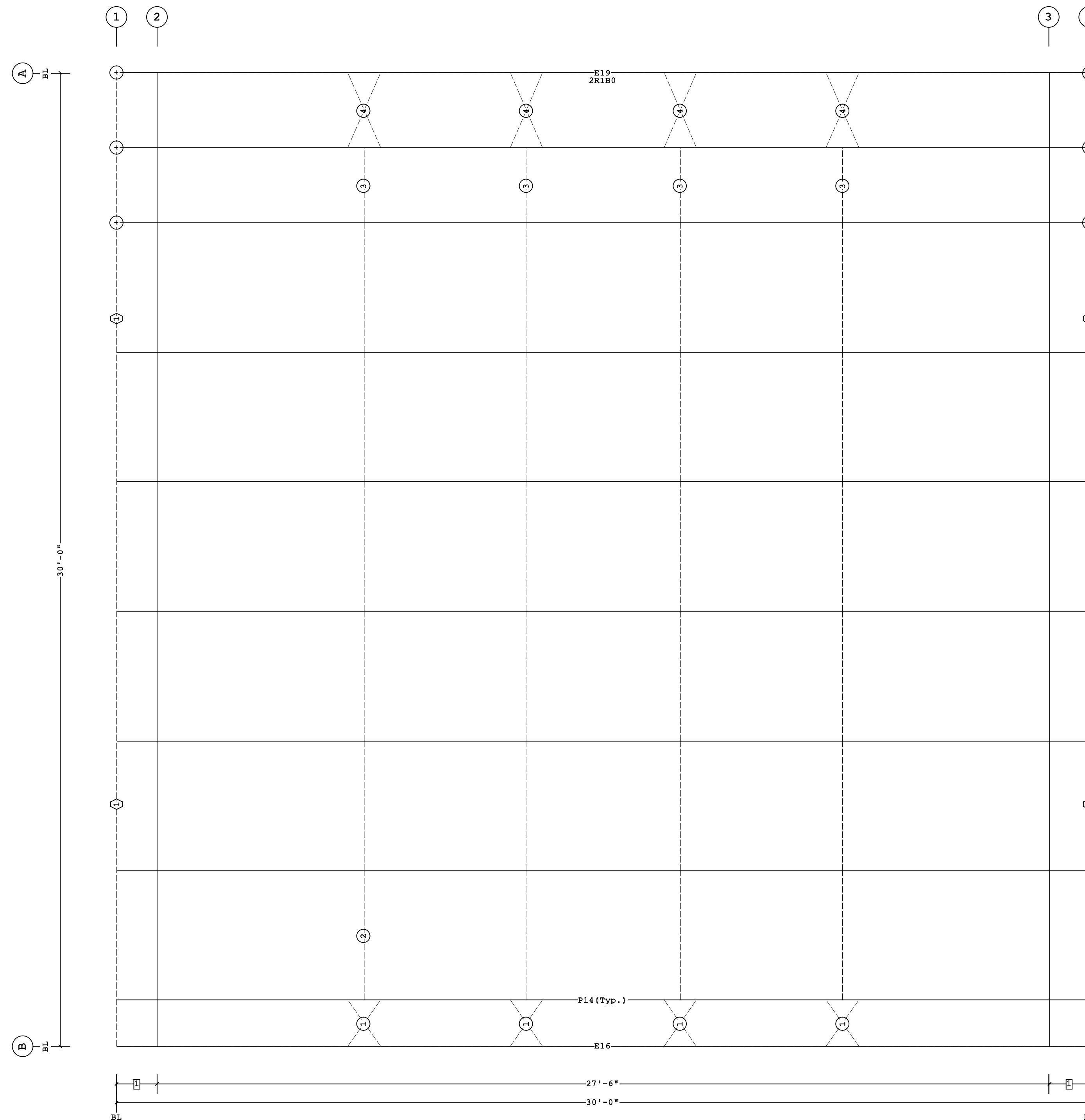
Secondary Part Schedule				
Mark	Part	Thick.	Depth	Lap
E16	00108HS2911417B01	0.0600	8 1/2"	
E19	00110ES2911417B01	0.0600	10"	
P14	1022911411VVBO	0.1130	10"	

Detail	
BR09W2, BR09Y2	
RS12PF	
RS02T1	

Secondary Bracing Schedule			
Id	Qty	Mark No	Spacing
1	8	PBA0108	1'-5 1/8"
2	24	CPBB040108 (Typ)	4'-0"
3	4	CPBB020506	2'-3 13/16"
4	8	PBA0207	2'-3 13/16"

See SED:
BR09K5, BR09JG, BR09RY, BR09RZ, BR09JR
BR09JH

Part Mark Key
1 RKCB15
(+) SSR Fixed Clip Location



ROOF SECONDARY PLAN

This document has been electronically signed and sealed by W. Jason Clymer, PE using my Digital Signature with PE seal affixed. Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copy.

W. Jason Clymer
PE
040258
02/01/2024

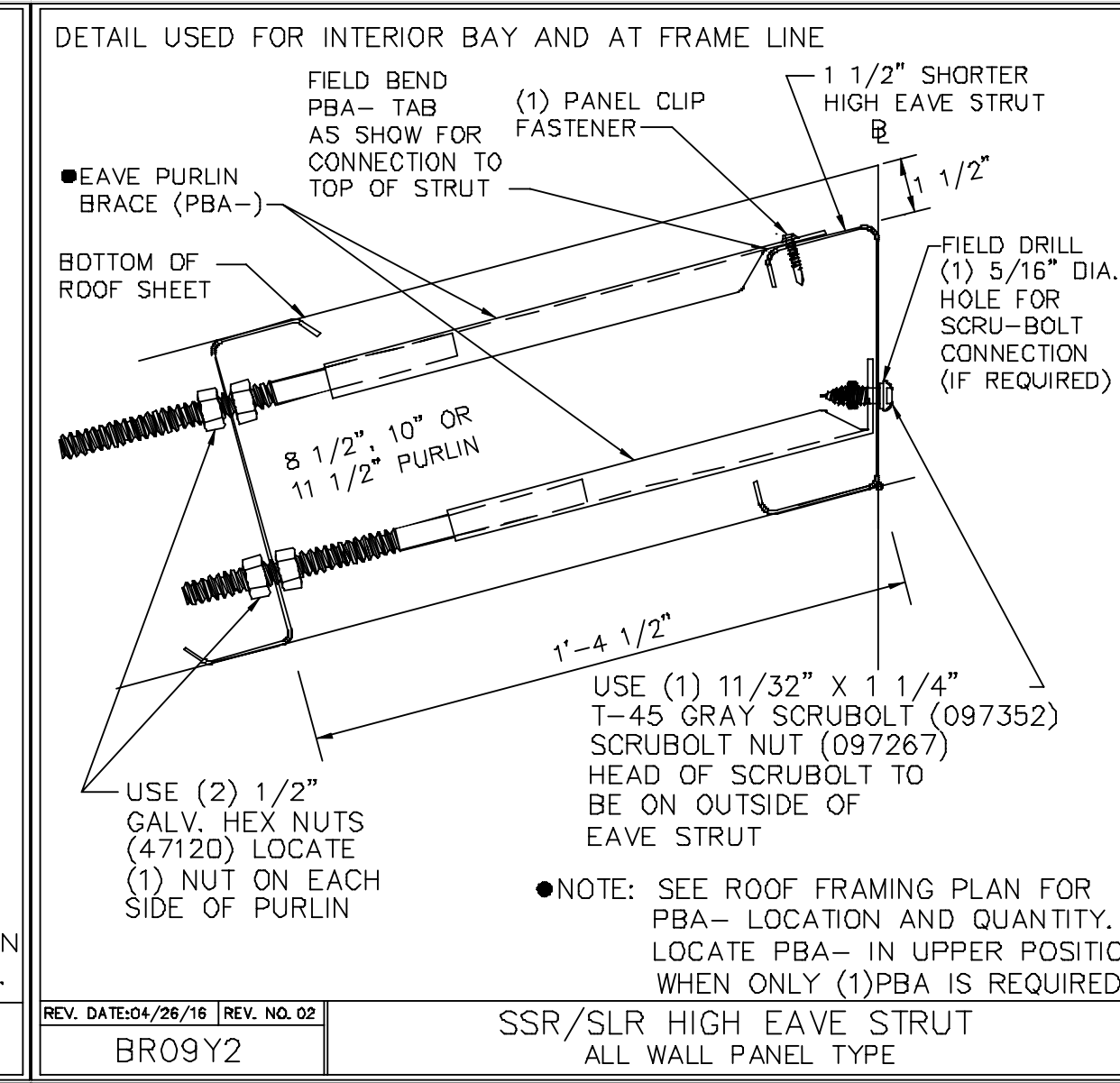
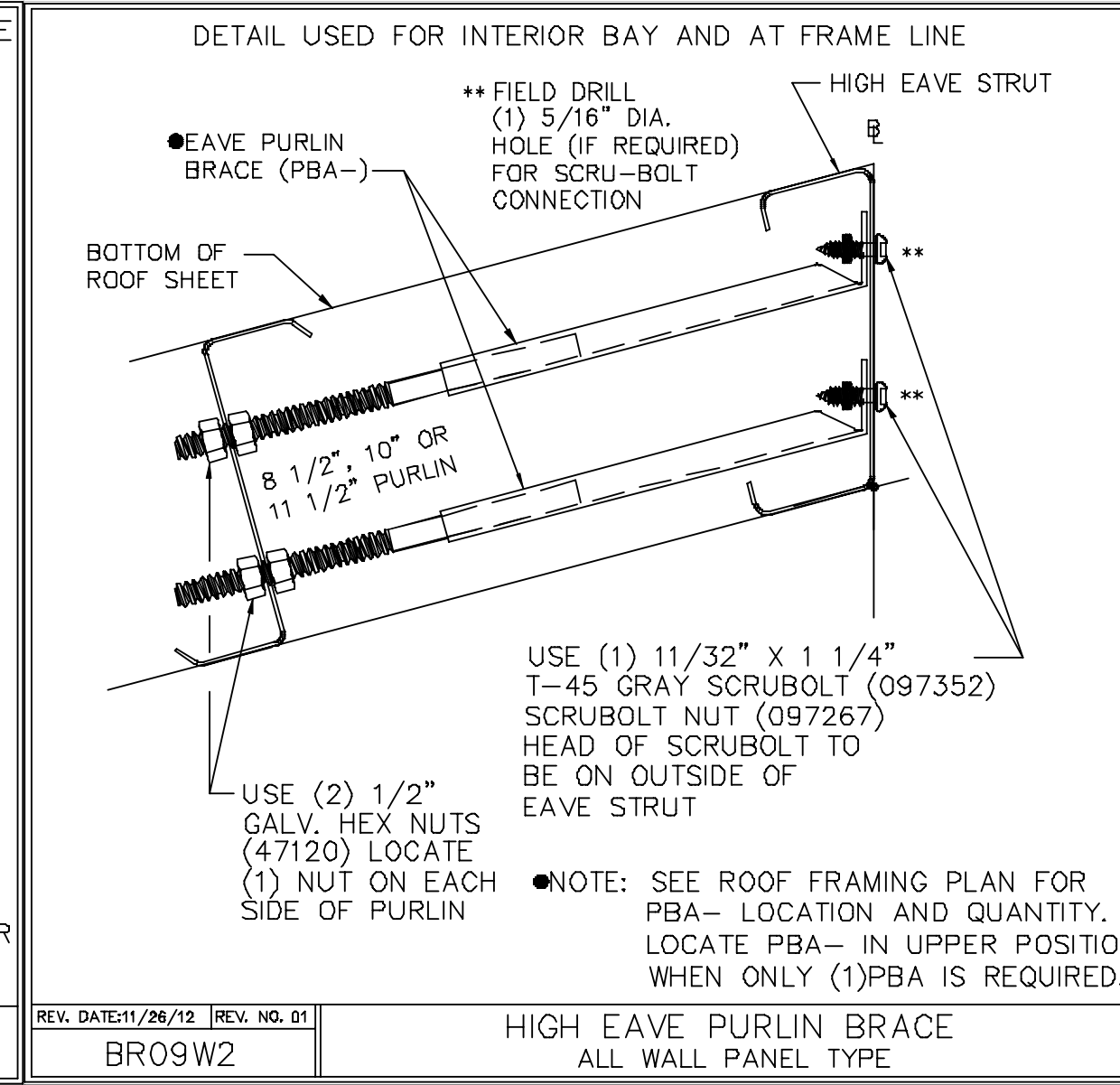
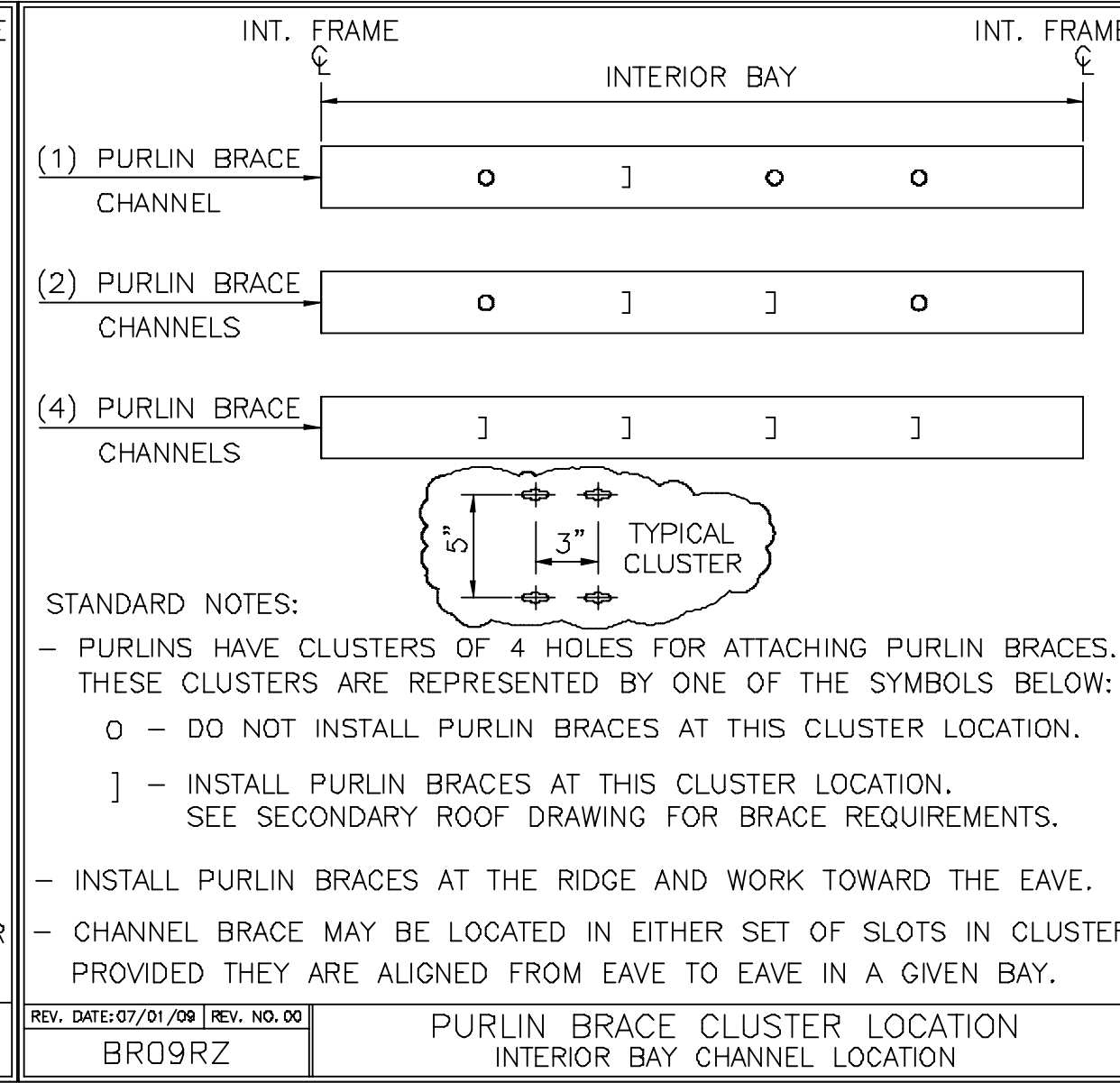
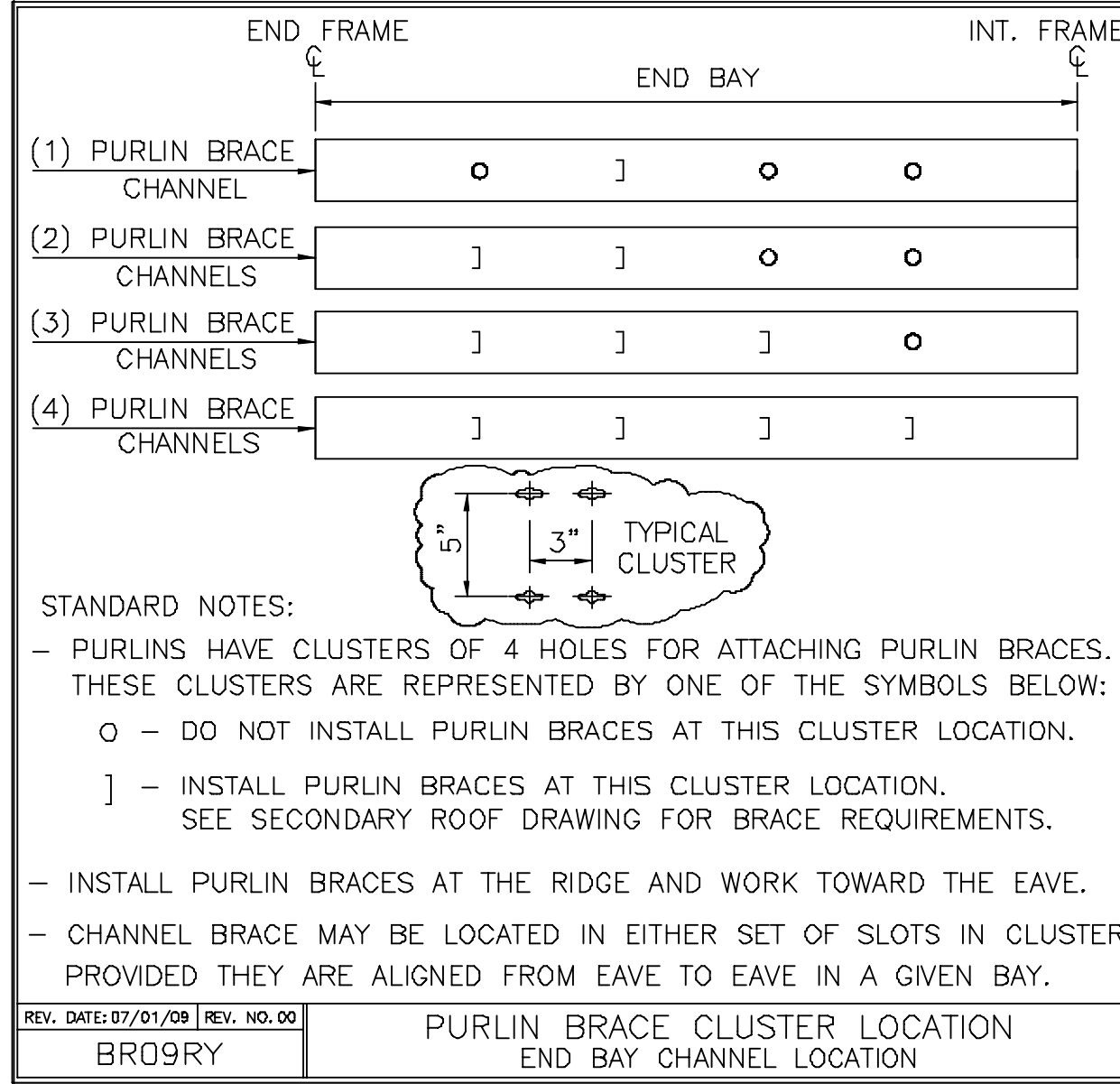
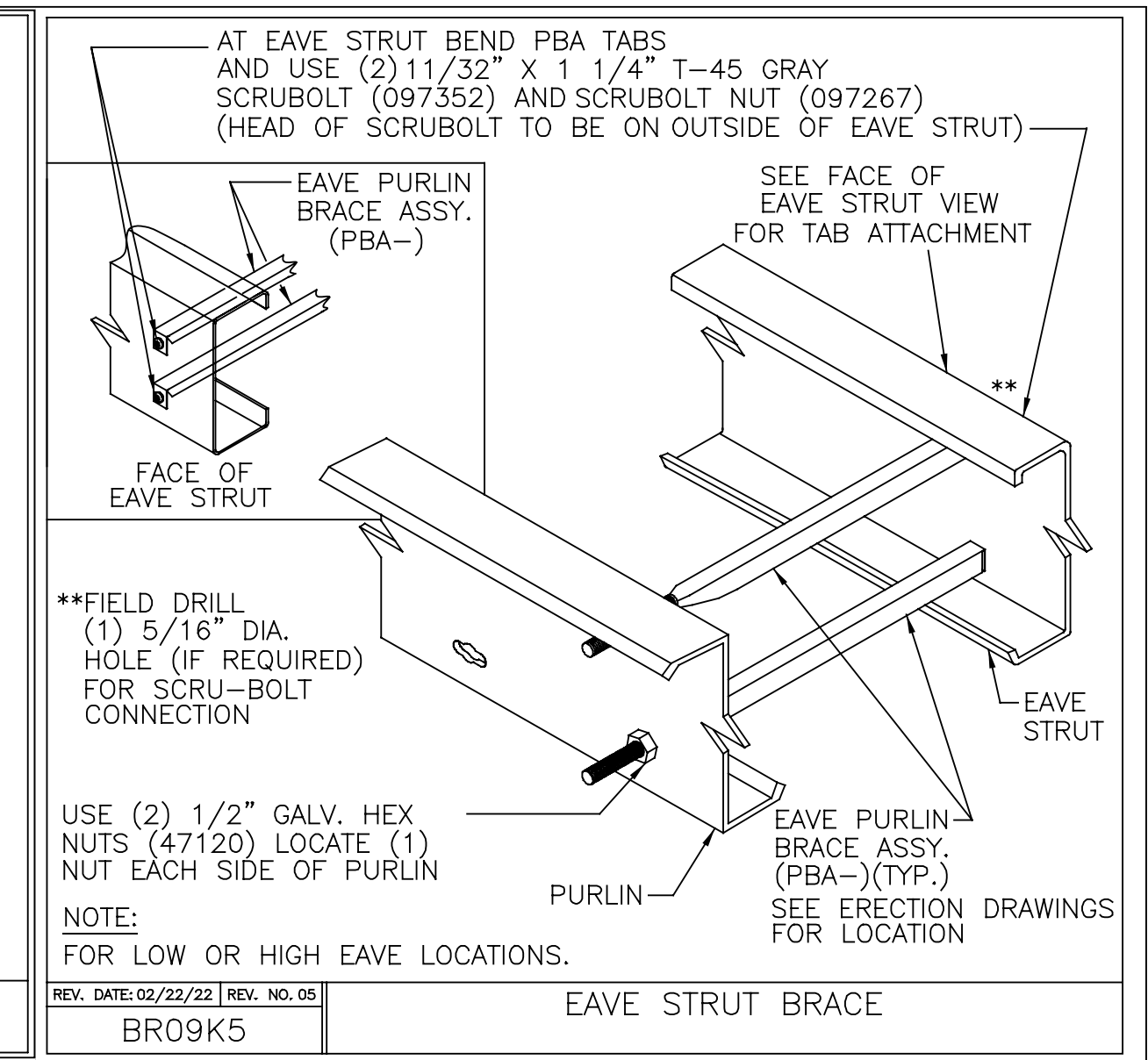
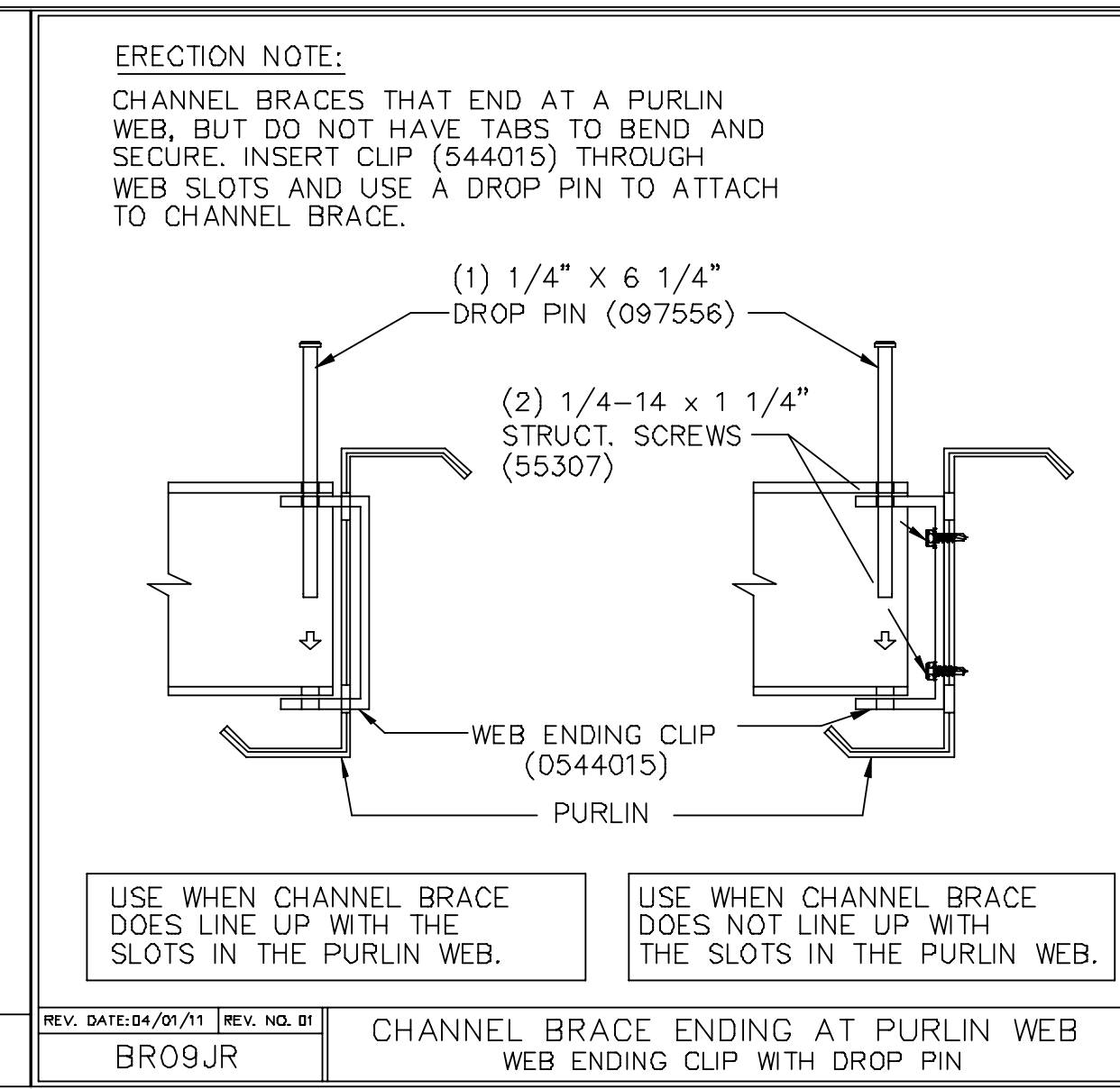
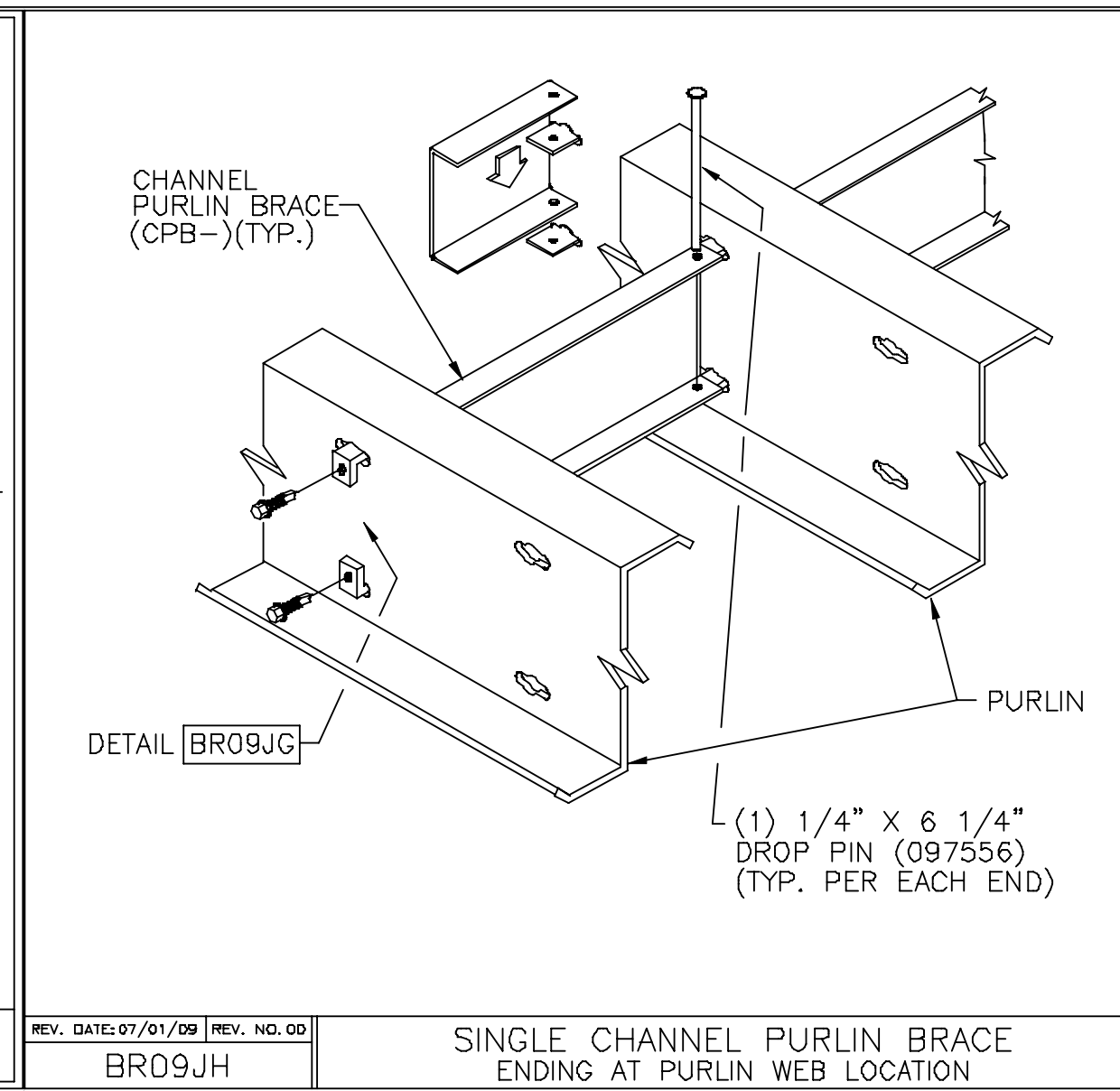
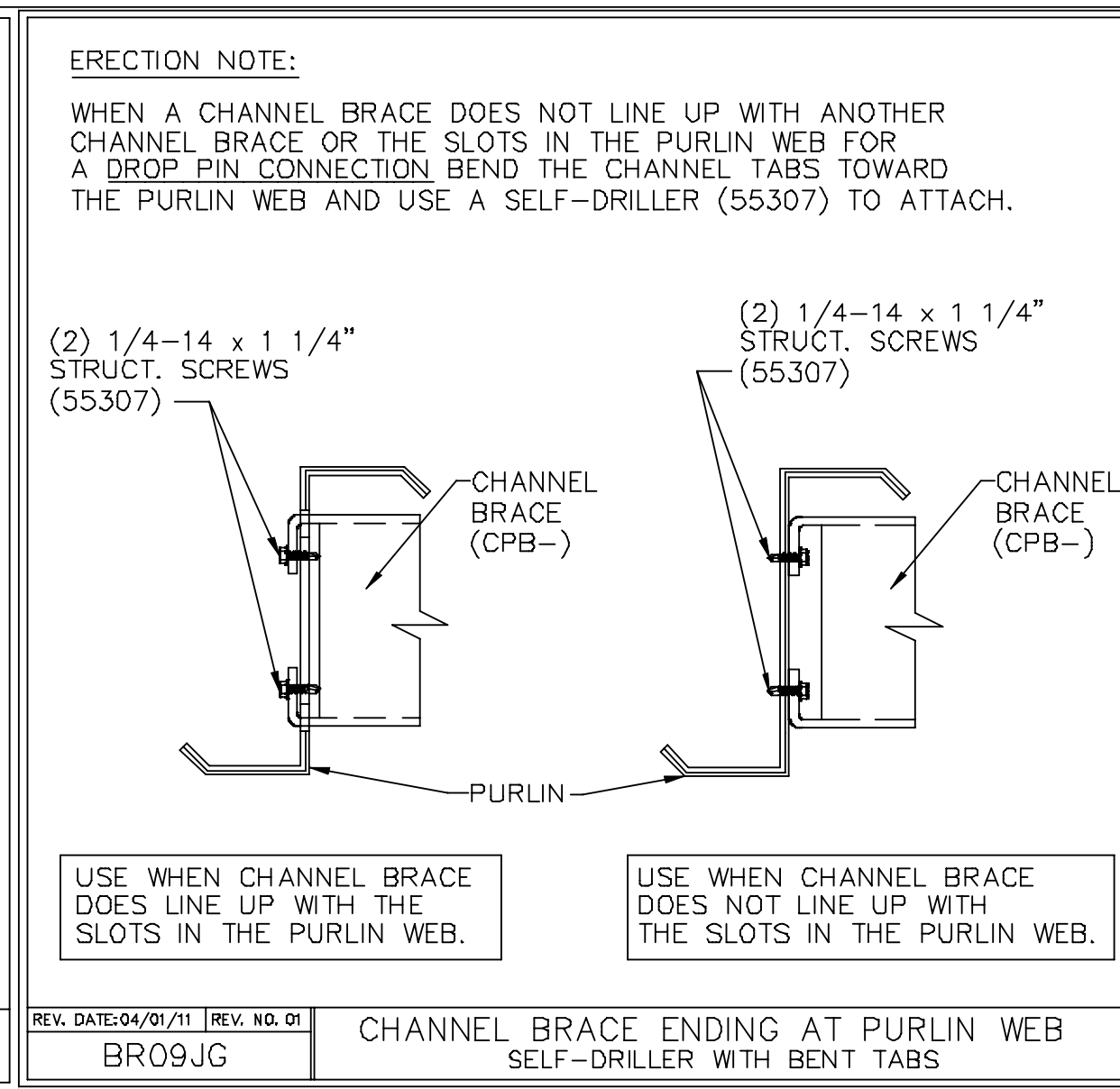
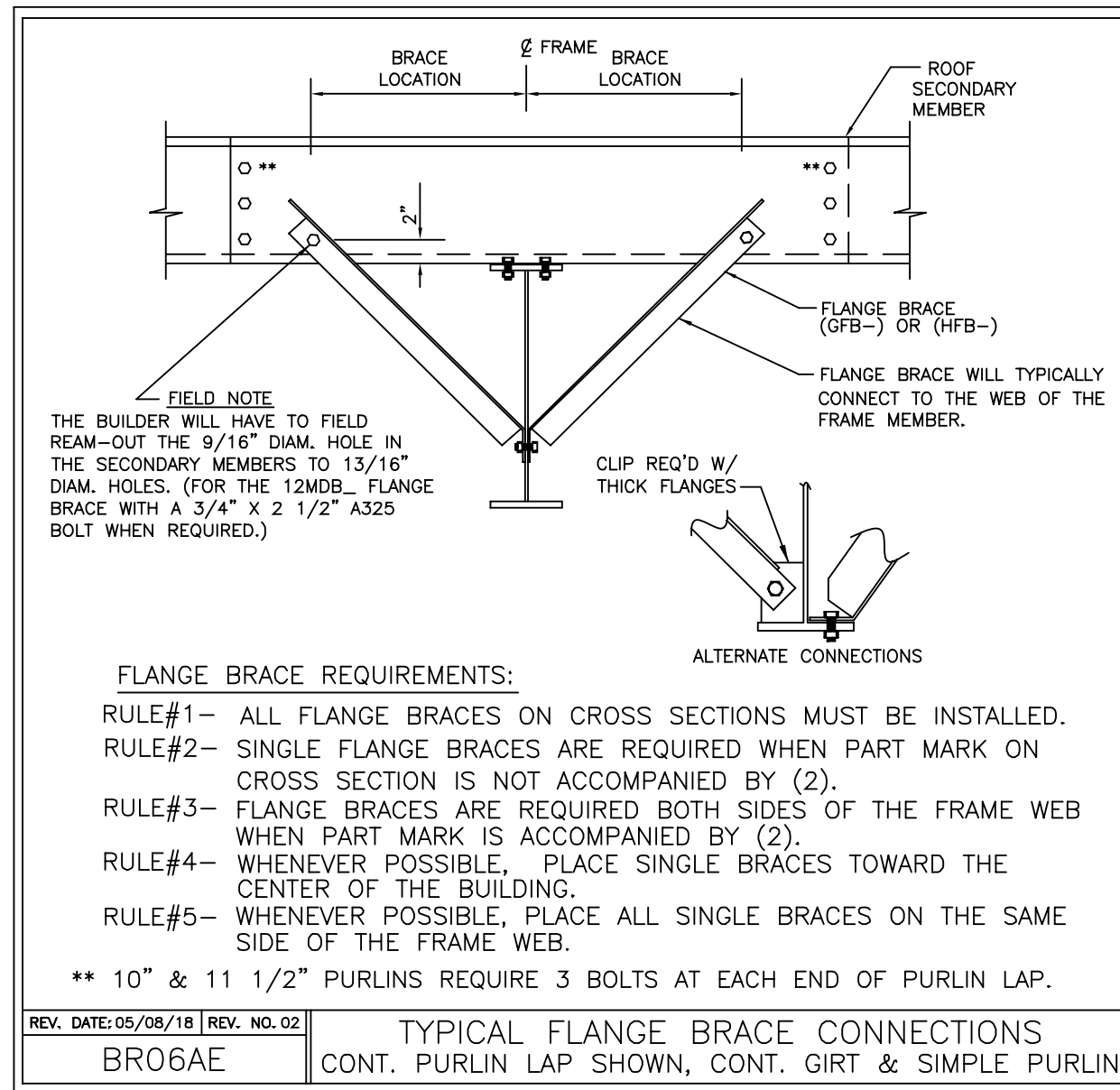
1 1'-3"
Dimension Key

Shape Name = Weld Shop

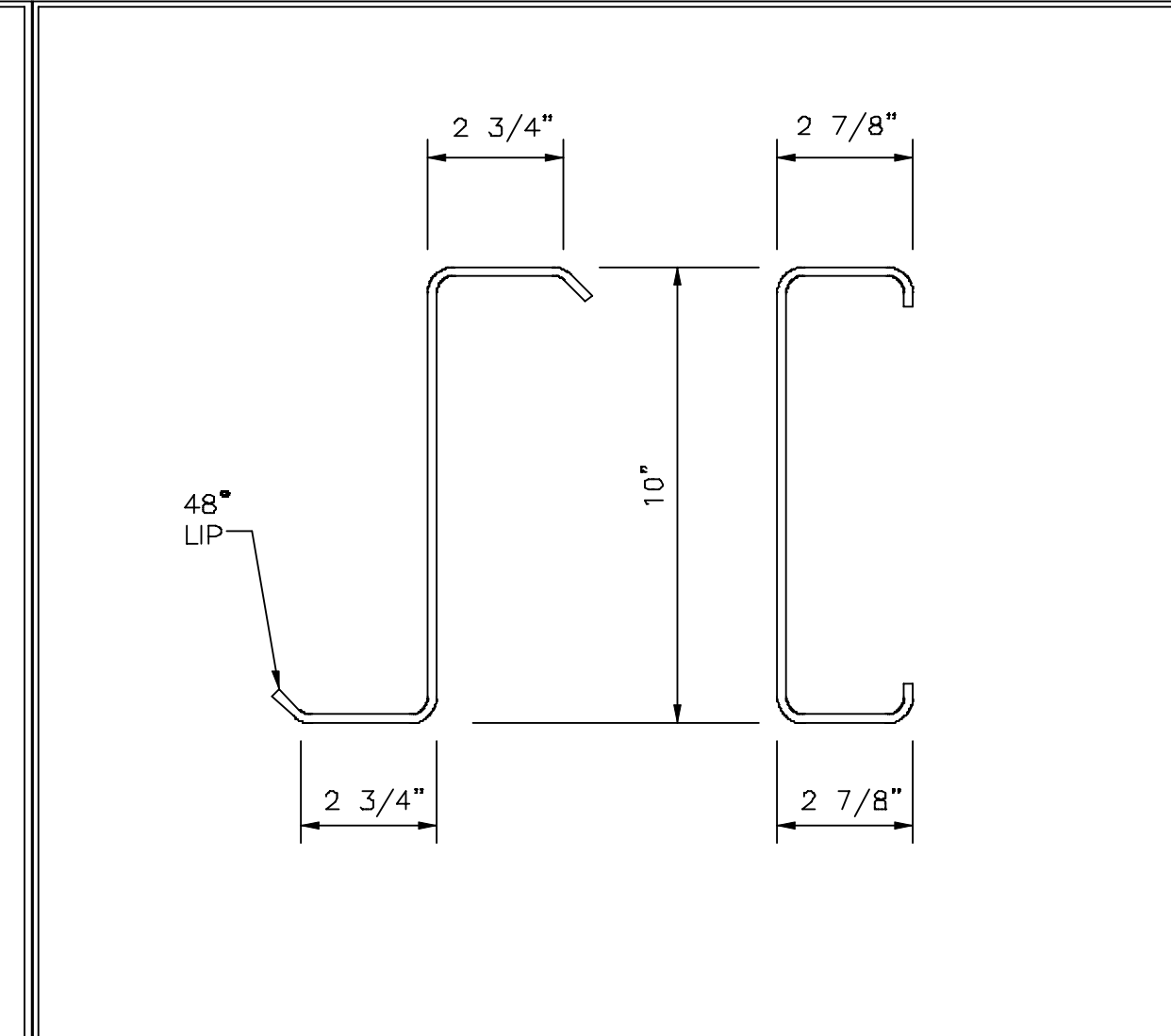
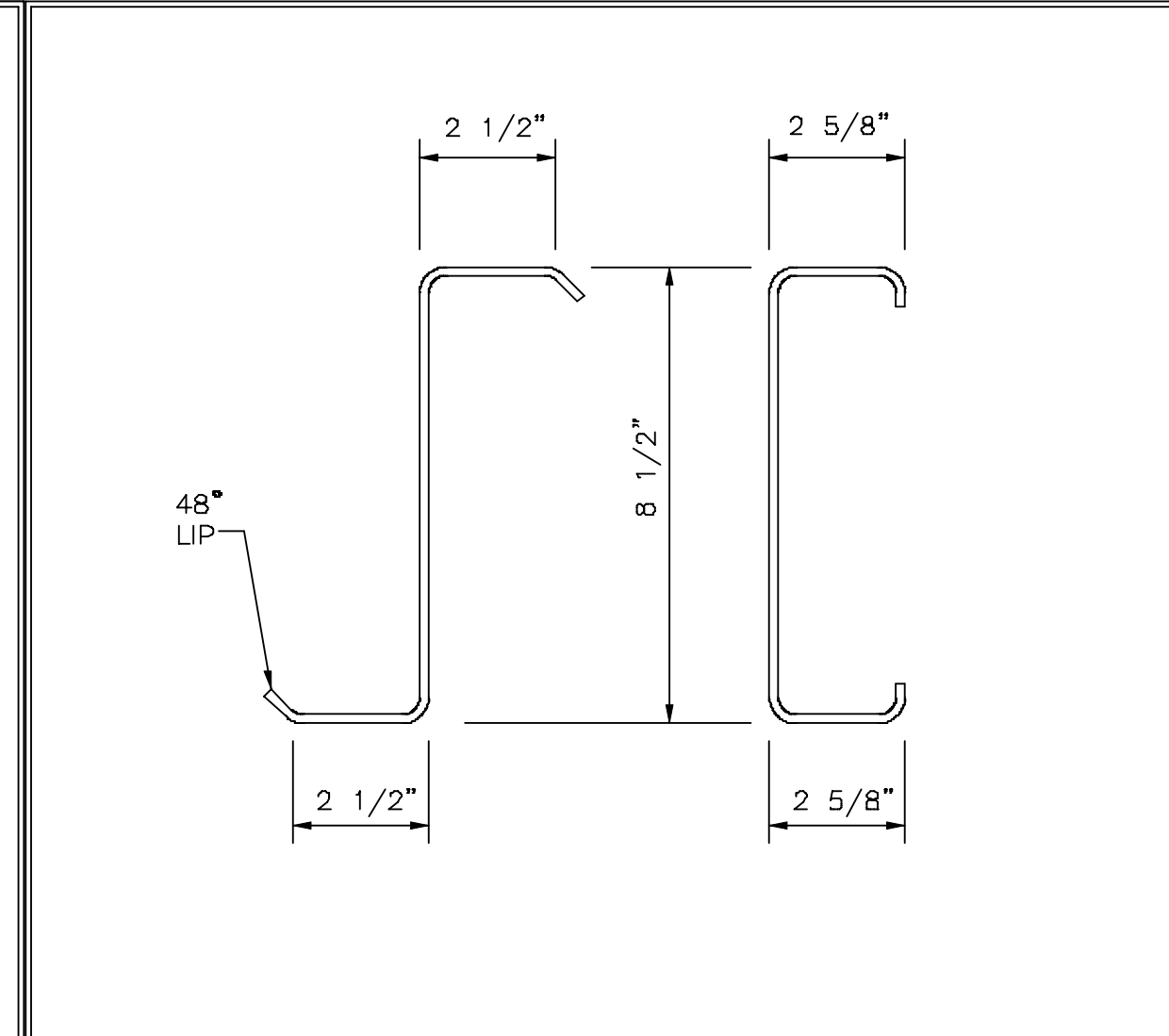
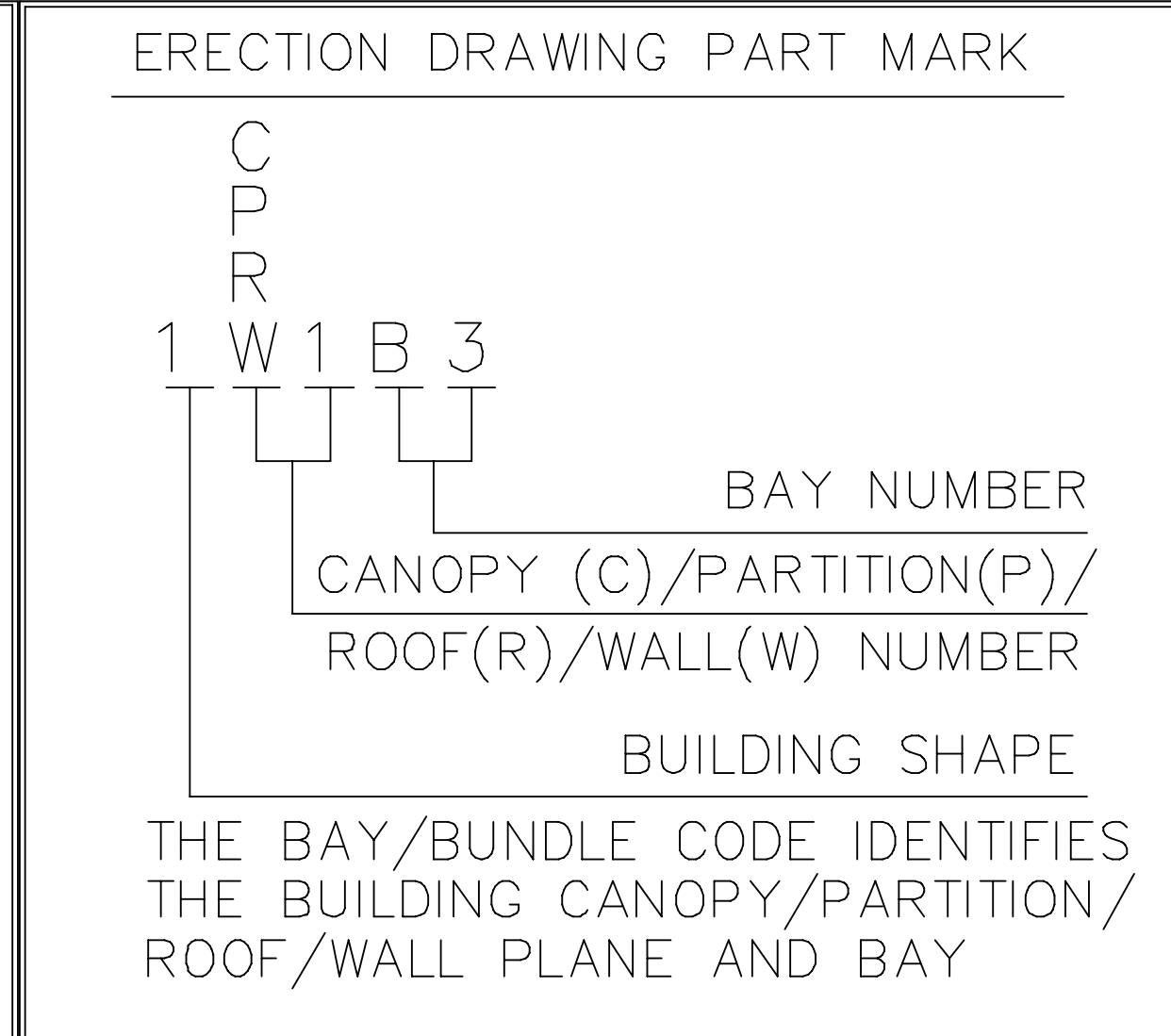
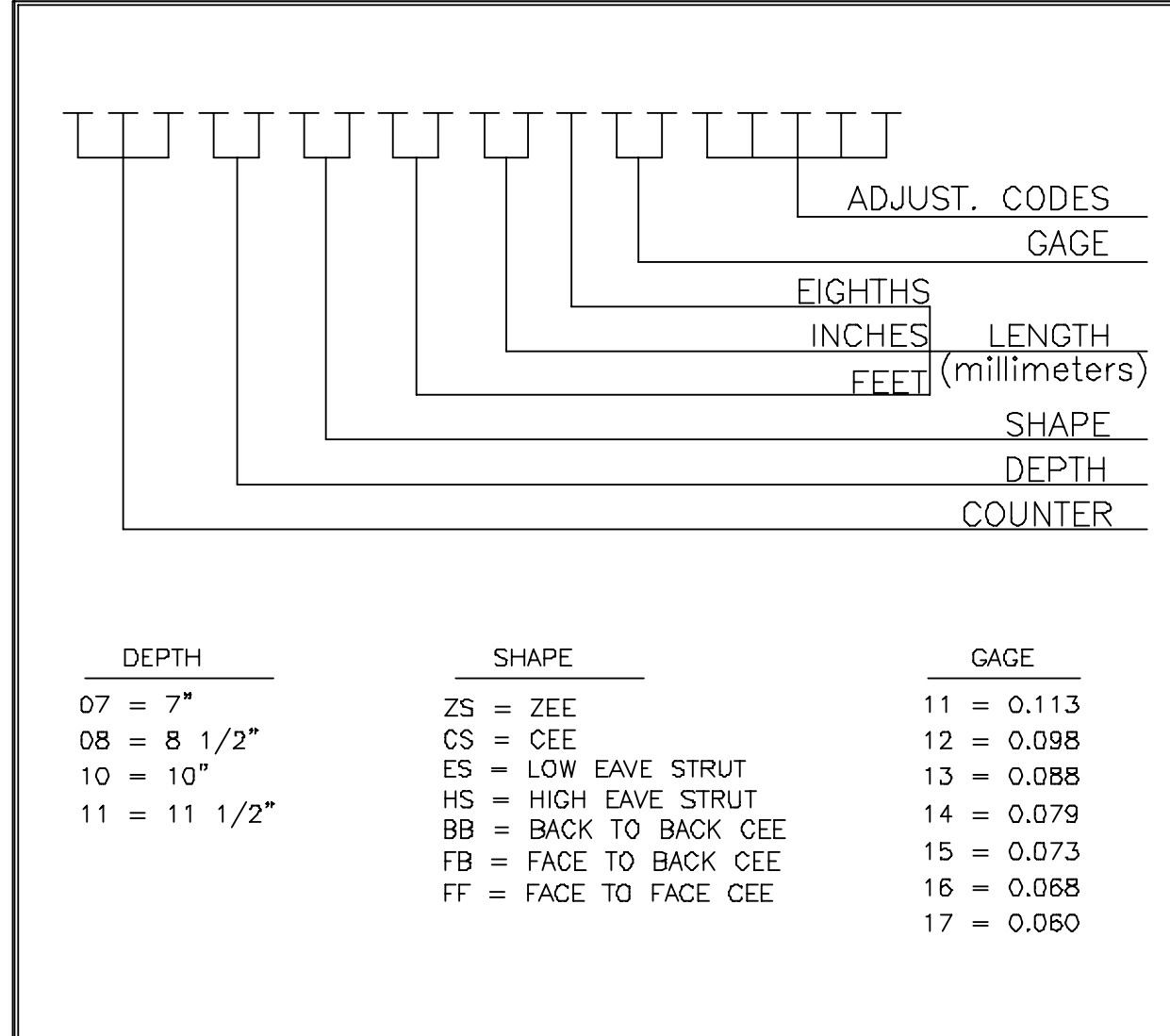
PERMIT SET- For Building Dept. Approval

<p>1. UNLESS NOTED, USE 1/2 X 1 1/2 A325T BOLT (49080) AND NUT (47120) W/O WASHERS. SNUG TIGHTEN BOLTS FOR ALL SECONDARY CONNECTIONS.</p> <p>2. FLANGE BRACES ARE AN INTEGRAL PART OF THE STABILITY OF THE STRUCTURAL SYSTEM AND MUST BE PROPERLY INSTALLED PRIOR TO ERECTION OF WALL AND ROOF SHEETS.</p> <p>3. REMOVAL OR ALTERATION OF ANY COMPONENT IS PROHIBITED.</p>	<p>THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.</p>	<p>THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND MAY BE REPRODUCED ONLY FOR THAT PURPOSE. IT SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS.</p> <p>THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.</p>	<p>D</p> <p>VP Buildings 3200 Players Club Circle Memphis TN 38125</p>	<p>ROOF SECONDARY PLAN</p>	
				<p>REV</p>	<p>DATE</p>
				<p>CUSTOMER Duke Energy</p>	<p>DATE 01/31/2024</p>
				<p>LOCATION Dunn, North Carolina</p>	<p>DRAWING/CHECK MB WJC</p>
				<p>PROJECT Duke Energy Dunn Operations Center - Weld Shop</p>	<p>PAGE 11</p>
				<p>BUILDERS PO# 23068 - Weld Shop</p>	<p>VPC VERSION: 2023.4a</p>
				<p>NTS</p>	<p>FILENAME: Duke Energy - Weld Shop</p>
				<p>1/31/2024</p>	<p>16:48:03</p>





DEPTH	SHAPE	GAGE
07 = 7"	Z = ZEE	11 = 0.113
08 = 8 1/2"	C = CEE	12 = 0.098
10 = 10"	E = LOW EAVE STRUT	13 = 0.088
11 = 11 1/2"	H = HIGH EAVE STRUT	14 = 0.079
		15 = 0.073
		16 = 0.068
		17 = 0.060



This document has been electronically signed and sealed by W. Jason Clymer, PE using my Digital Signature with PE seal affixed. Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copy.

W. Jason Clymer
 ENGINEER
 040258
 02/01/2024

PERMIT SET- For Building Dept. Approval

1. UNLESS NOTED, USE 1/2 X 1 1/2 A325T BOLT (49080) AND NUT (47120) W/O WASHERS. SNUG TIGHTEN BOLTS FOR ALL SECONDARY CONNECTIONS.
 2. FLANGE BRACES ARE AN INTEGRAL PART OF THE STABILITY OF THE STRUCTURAL SYSTEM AND MUST BE PROPERLY INSTALLED PRIOR TO ERECTION OF WALL AND ROOF SHEETS.
 3. REMOVAL OR ALTERATION OF ANY COMPONENT IS PROHIBITED.

THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.

THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND MAY BE REPRODUCED ONLY FOR THAT PURPOSE. IT SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS.
 THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.

REV	DATE	BY	DESCRIPTION

VP Buildings
 3200 Players Club Circle Memphis TN 38125

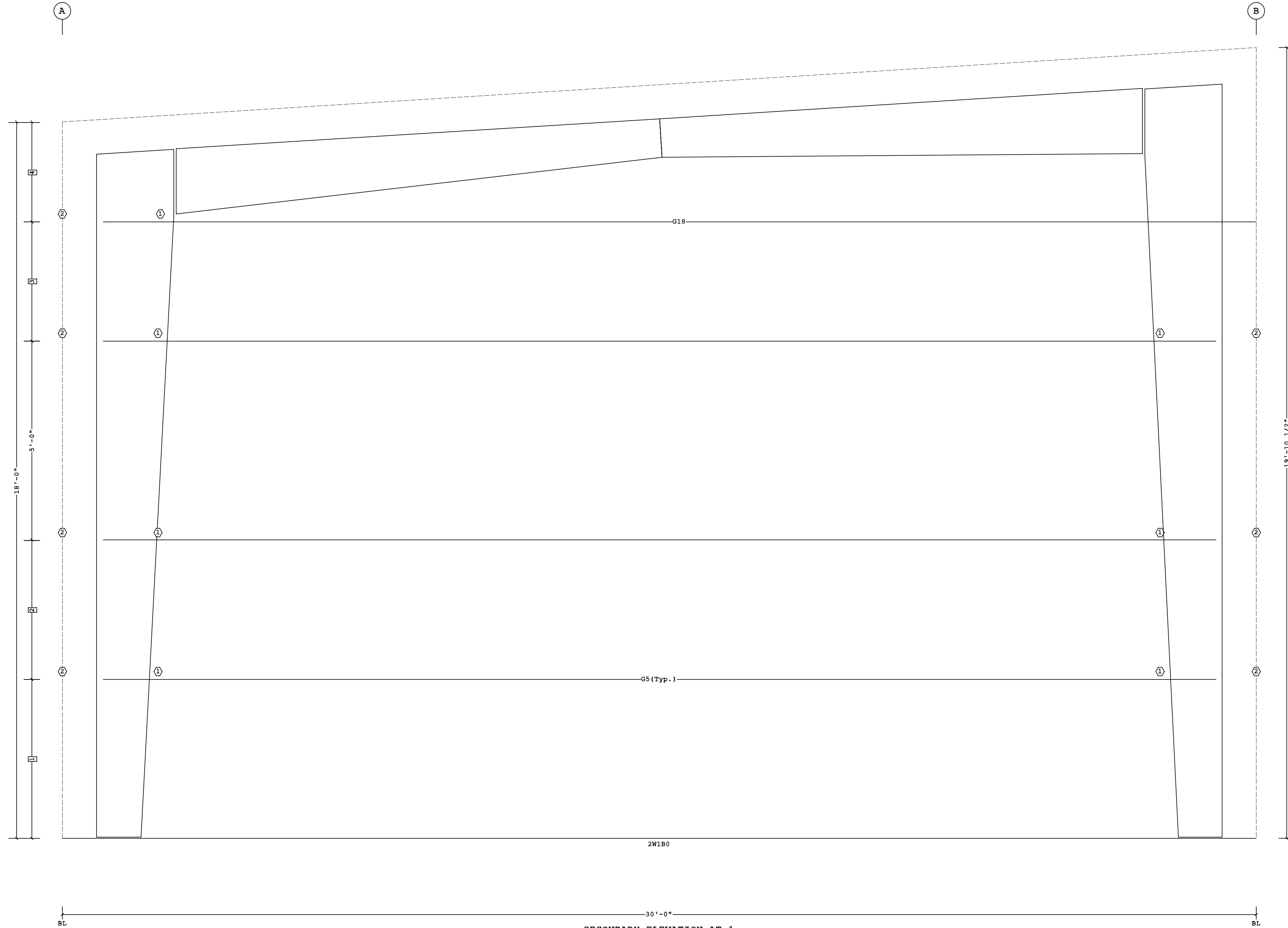
BUILDER	CUSTOMER	LOCATION	PROJECT	BUILDERS PO#	VP VERSION:
Lemartec Corporation	Duke Energy	Dunn, North Carolina	Duke Energy Dunn Operations Center - Weld Shop	23068 - Weld Shop	2023.4a

VP BUILDINGS
 VARCO PRUDEN
 A BlueScope Steel Company

JOBNO	DATE	DRAWINGCHECK	PAGE
23-016000-01	01/31/2024	MB WJC	12

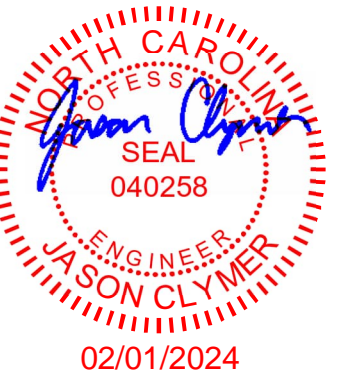
FILENAME: Duke Energy - Weld Shop
 a division of BlueScope Buildings North America, Inc.

Secondary Part Schedule					
Mark	Part	Thick.	Depth	Lap	Detail
G18	10Z2811412DU00	0.0980	10"		WS12A2
G5	10Z2711411UU00	0.1130	10"		WS12A2



- 4 2'-6"
 - 3 3'-0"
 - 2 3'-6"
 - 1 4'-0"
- Dimension Key Part Mark Key

This document has been electronically signed and sealed by W. Jason Clymer, PE using my Digital Signature with PE seal affixed. Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copy.



PERMIT SET- For Building Dept. Approval

- UNLESS NOTED, USE 1/2 X 1 1/2 A325T BOLT (49080) AND NUT (47120) W/O WASHERS. SNUG TIGHTEN BOLTS FOR ALL SECONDARY CONNECTIONS.
- FLANGE BRACES ARE AN INTEGRAL PART OF THE STABILITY OF THE STRUCTURAL SYSTEM AND MUST BE PROPERLY INSTALLED PRIOR TO ERECTION OF WALL AND ROOF SHEETS.
- REMOVAL OR ALTERATION OF ANY COMPONENT IS PROHIBITED.

THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.

THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND MAY BE REPRODUCED ONLY FOR THAT PURPOSE. IT SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS.

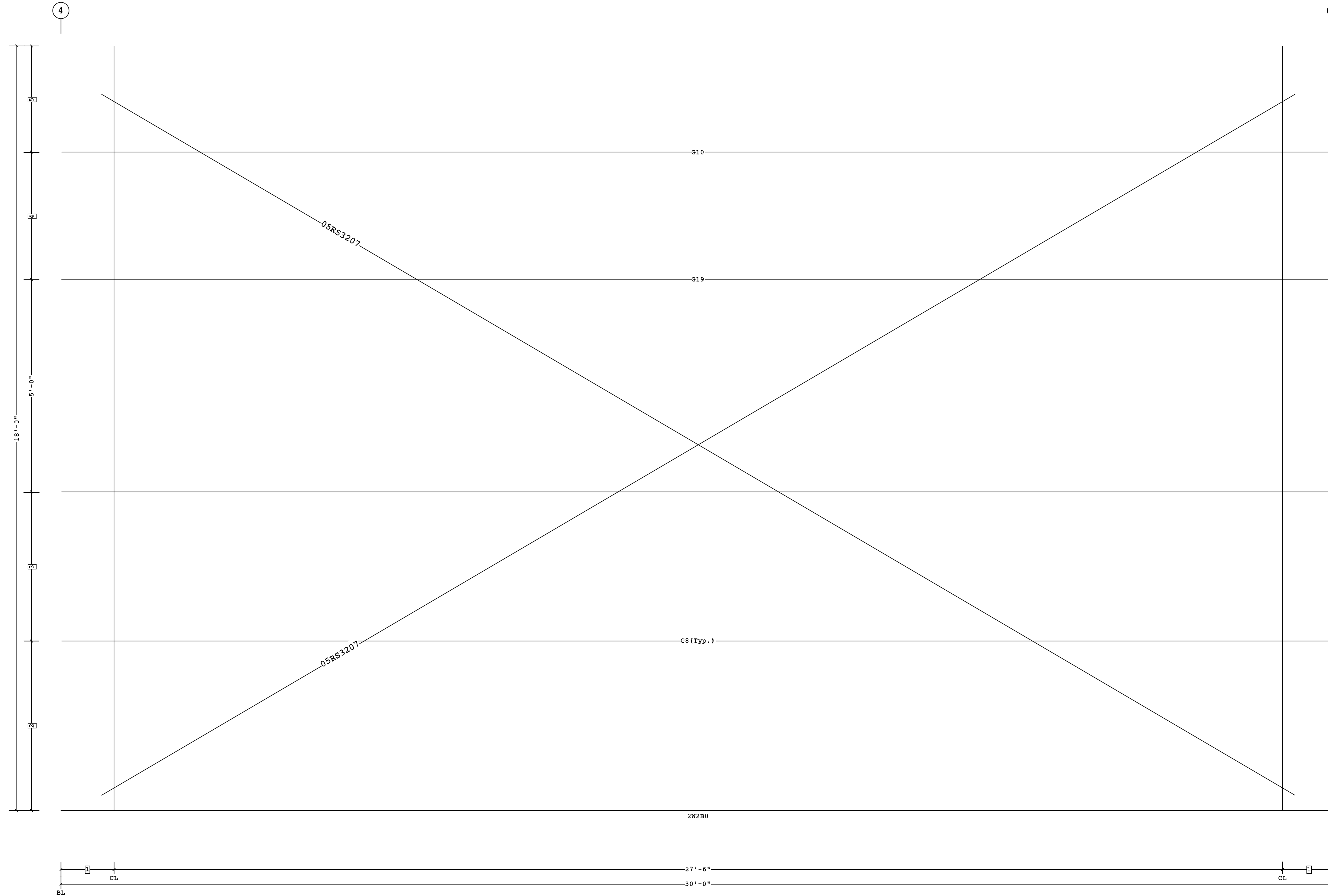
THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.

Shape Name = Weld Shop, Wall = 1

REV	DATE	BY	DESCRIPTION	BUILDER	CUSTOMER	LOCATION	PROJECT	BUILDERS PO#	VP BUILDINGS	JOBNO	DATE	DRAWING/CHECK	PAGE
VP Buildings 3200 Players Club Circle Memphis TN 38125				Lemartec Corporation	Duke Energy	Dunn, North Carolina	Duke Energy Dunn Operations Center - Weld Shop	23068 - Weld Shop	VP BUILDINGS VARCO PRUDEN A BlueScope Steel Company	23-016000-01	01/31/2024	MB WJC	14
NTS				FILENAME: Duke Energy - Weld Shop		VPC VERSION: 2023.4a		a division of BlueScope Buildings North America, Inc.					

Secondary Part Schedule					
Mark	Part	Thick.	Depth	Lap	Detail
G10	10Z2911416VV00	0.0680	10"		WS12A2
G19	10Z2911413VV00	0.0880	10"		WS12A2
G8	10Z2911412VV00	0.0980	10"		WS12A2

Bracing Part Schedule			
Part	Qty	Length	Detail
05RS3207	2	32'-7"	BR01G2



- 5 2'-6"
- 4 3'-0"
- 3 3'-6"
- 2 4'-0"
- 1 1'-3"

□ Dimension Key

Shape Name = Weld Shop, Wall = 2

1. UNLESS NOTED, USE 1/2 X 1 1/2 A325T BOLT (49080) AND NUT (47120) W/O WASHERS. SNUG TIGHTEN BOLTS FOR ALL SECONDARY CONNECTIONS.
 2. FLANGE BRACES ARE AN INTEGRAL PART OF THE STABILITY OF THE STRUCTURAL SYSTEM AND MUST BE PROPERLY INSTALLED PRIOR TO ERECTION OF WALL AND ROOF SHEETS.
 3. REMOVAL OR ALTERATION OF ANY COMPONENT IS PROHIBITED.

THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.

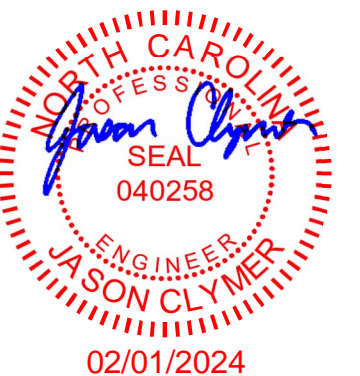
THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND MAY BE REPRODUCED ONLY FOR THAT PURPOSE. IT SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS.

THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.

REV	DATE	BY	DESCRIPTION
NTS			

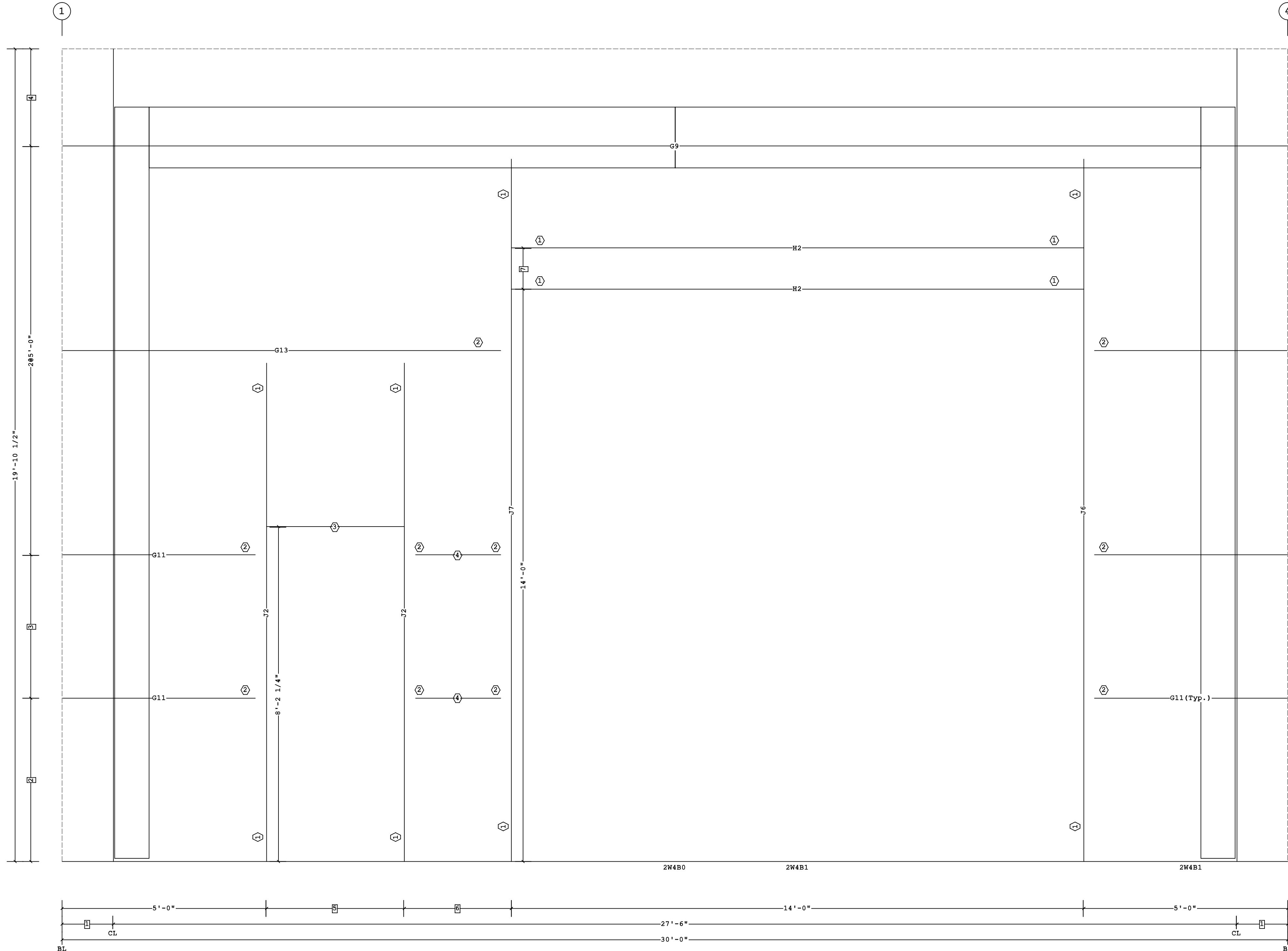
VP BUILDINGS 3200 Players Club Circle Memphis TN 38125		SECONDARY ELEVATION AT A	
BUILDER	Lemartec Corporation	JOBNO	23-016000-01
CUSTOMER	Duke Energy	DATE	01/31/2024
LOCATION	Dunn, North Carolina	DRAWING/CHECK	MB WJC
PROJECT	Duke Energy Dunn Operations Center - Weld Shop	PAGE	15
BUILDERS PO#	23068 - Weld Shop	VPC VERSION:	2023.4a
FILENAME:	Duke Energy - Weld Shop		

This document has been electronically signed and sealed by W. Jason Clymer, PE using my Digital Signature with PE seal affixed. Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copy.



PERMIT SET- For Building Dept. Approval

Mark	Part	Thick.	Depth	Lap	Detail
G11	10Z0408417GV00	0.0600	10"		WS12A2, WS20F2
G13	10Z1008417GV00	0.0600	10"		WS12A2, WS20F2
G17	00110ZS020101700	0.0600	10"		WS12A2, WS20F2
G9	10Z2911411VV00	0.1130	10"		WS12A2
H1	DHD0304417	0.0000	10"		WS21D7
H2	00410JS1400017	0.0600	10"		WS20F9
J2	00110JS1202217	0.0600	10"		WS20F2, WS20B2, WS20B8
J6	00310JS1702216	0.0680	10"		WS20F9, WS20F2, WS20B2, WS20B8
J7	00210JS1702215	0.0730	10"		WS20F9, WS20F2, WS20B2, WS20B8



- 7 1'-0"
 - 6 2'-7 1/2"
 - 5 3'-4 1/2"
 - 4 2'-4 1/2"
 - 3 3'-6"
 - 2 4'-0"
 - 1 1'-3"
- 4 G17
 - 3 H1
 - 2 JTG4
 - 1 PG1
- Dimension Key ○ Part Mark Key

SECONDARY ELEVATION AT B

Shape Name = Weld Shop, Wall = 4

1. UNLESS NOTED, USE 1/2 X 1 1/2 A325T BOLT (49080) AND NUT (47120) W/O WASHERS. SNUG TIGHTEN BOLTS FOR ALL SECONDARY CONNECTIONS.
 2. FLANGE BRACES ARE AN INTEGRAL PART OF THE STABILITY OF THE STRUCTURAL SYSTEM AND MUST BE PROPERLY INSTALLED PRIOR TO ERECTION OF WALL AND ROOF SHEETS.
 3. REMOVAL OR ALTERATION OF ANY COMPONENT IS PROHIBITED.

THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.

THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND MAY BE REPRODUCED ONLY FOR THAT PURPOSE. IT SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS.
 THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.

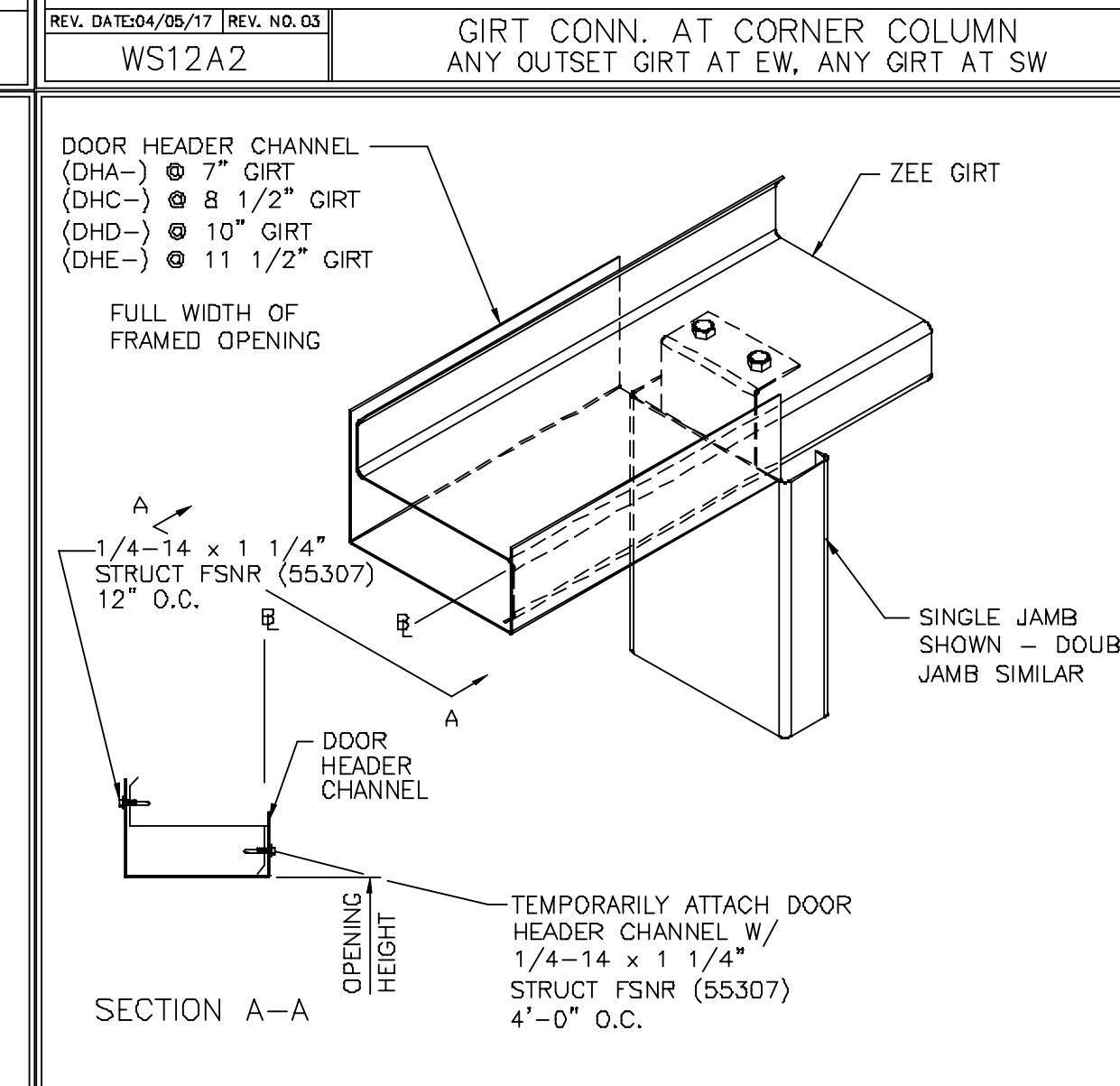
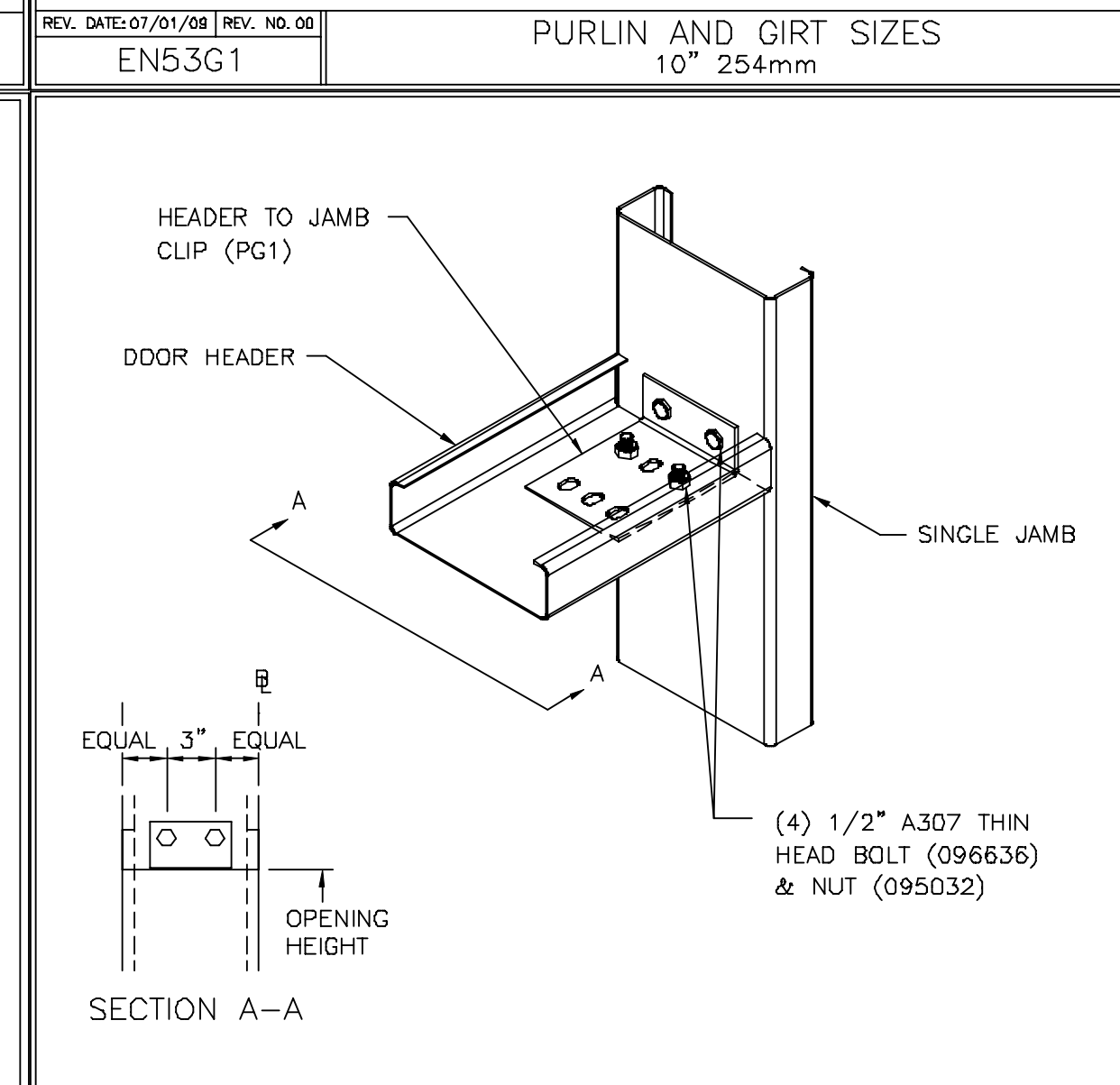
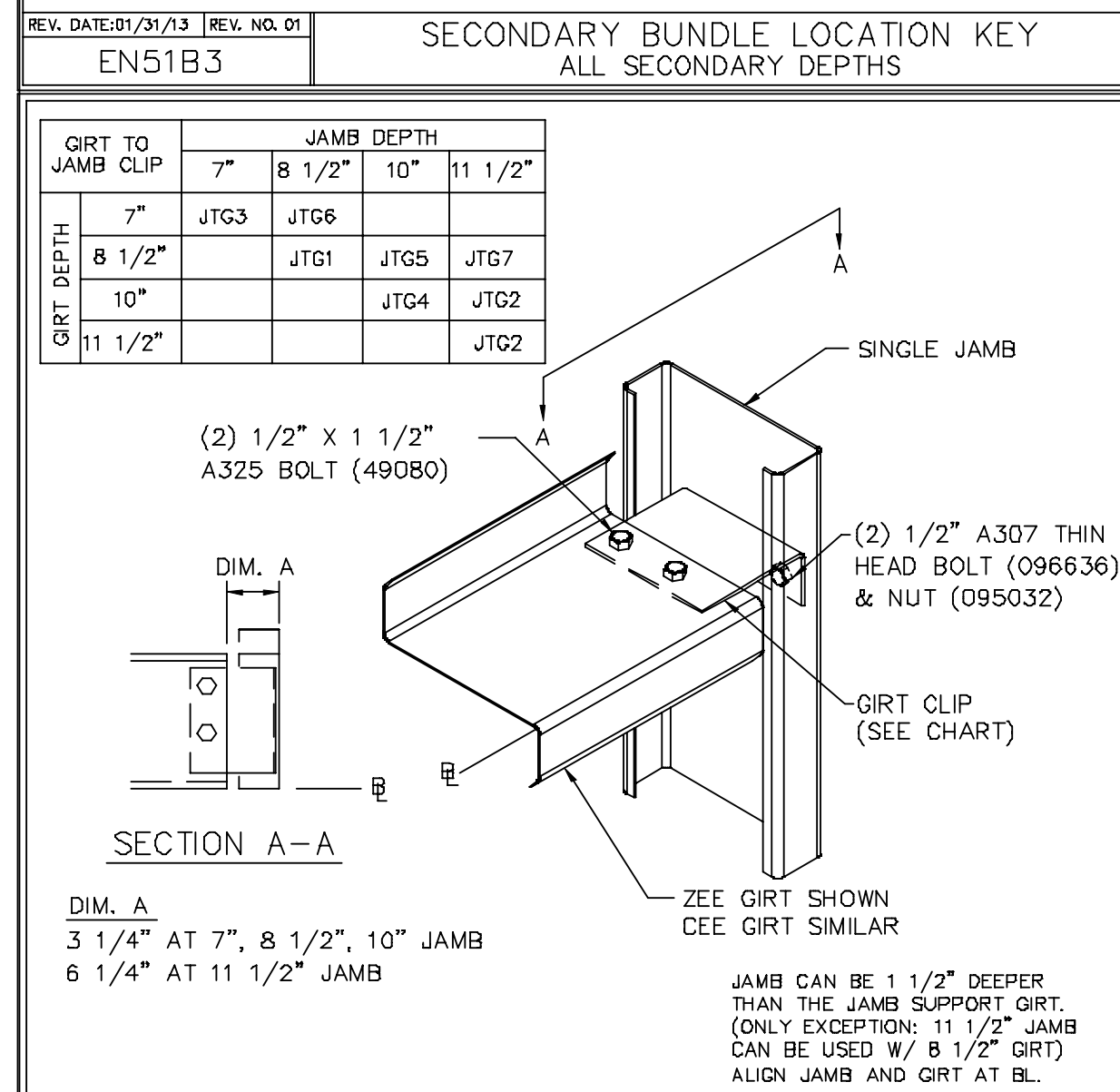
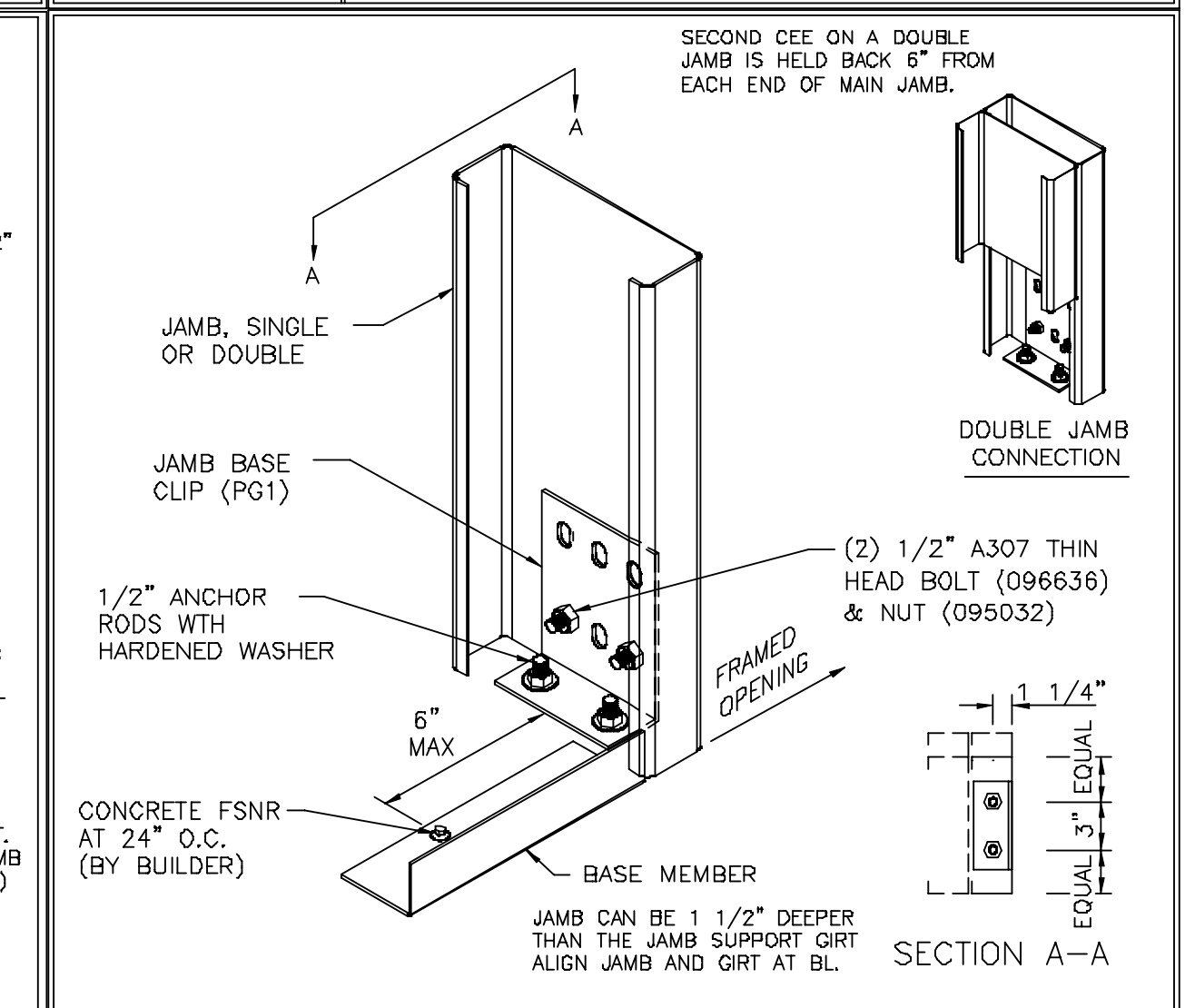
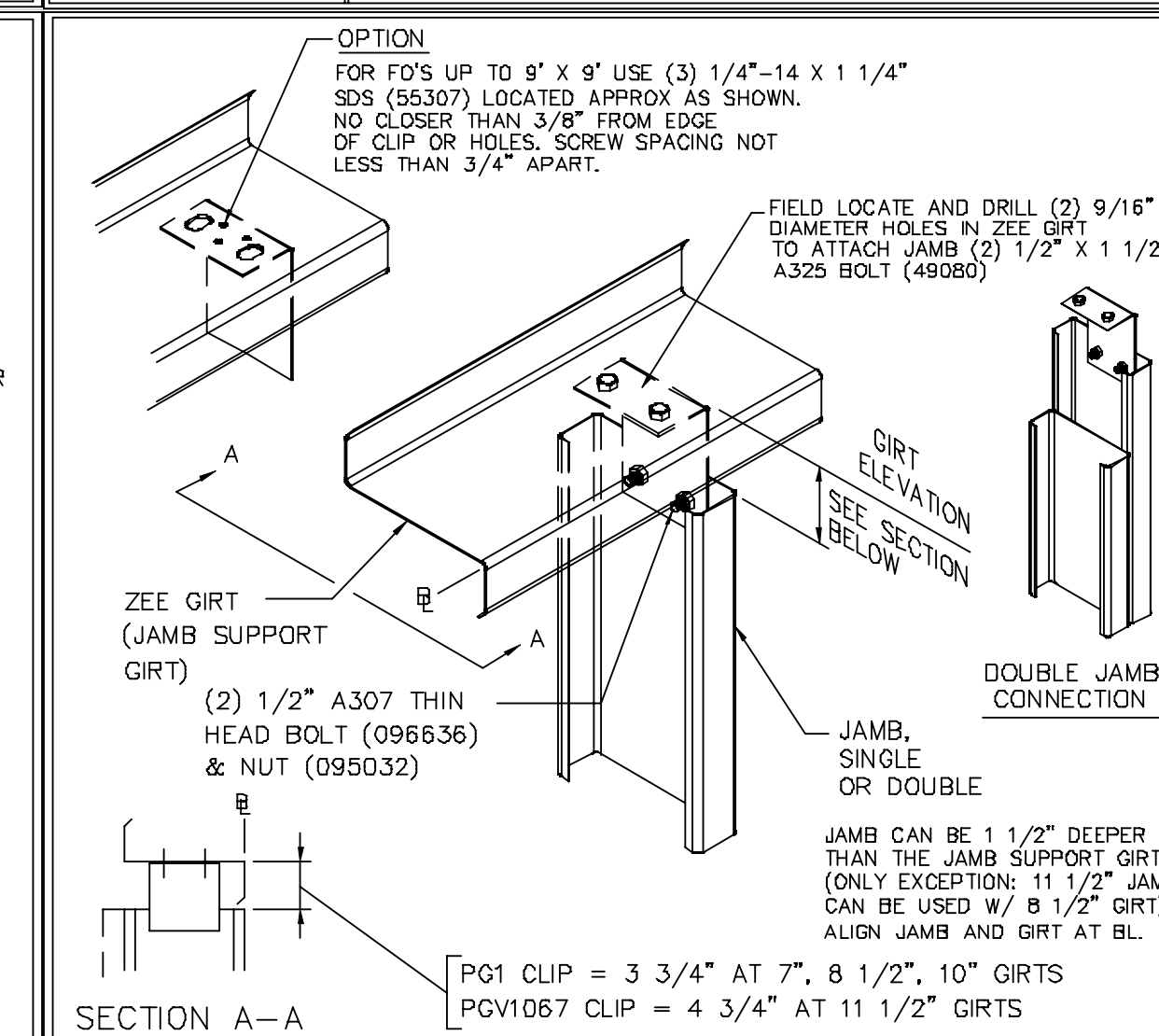
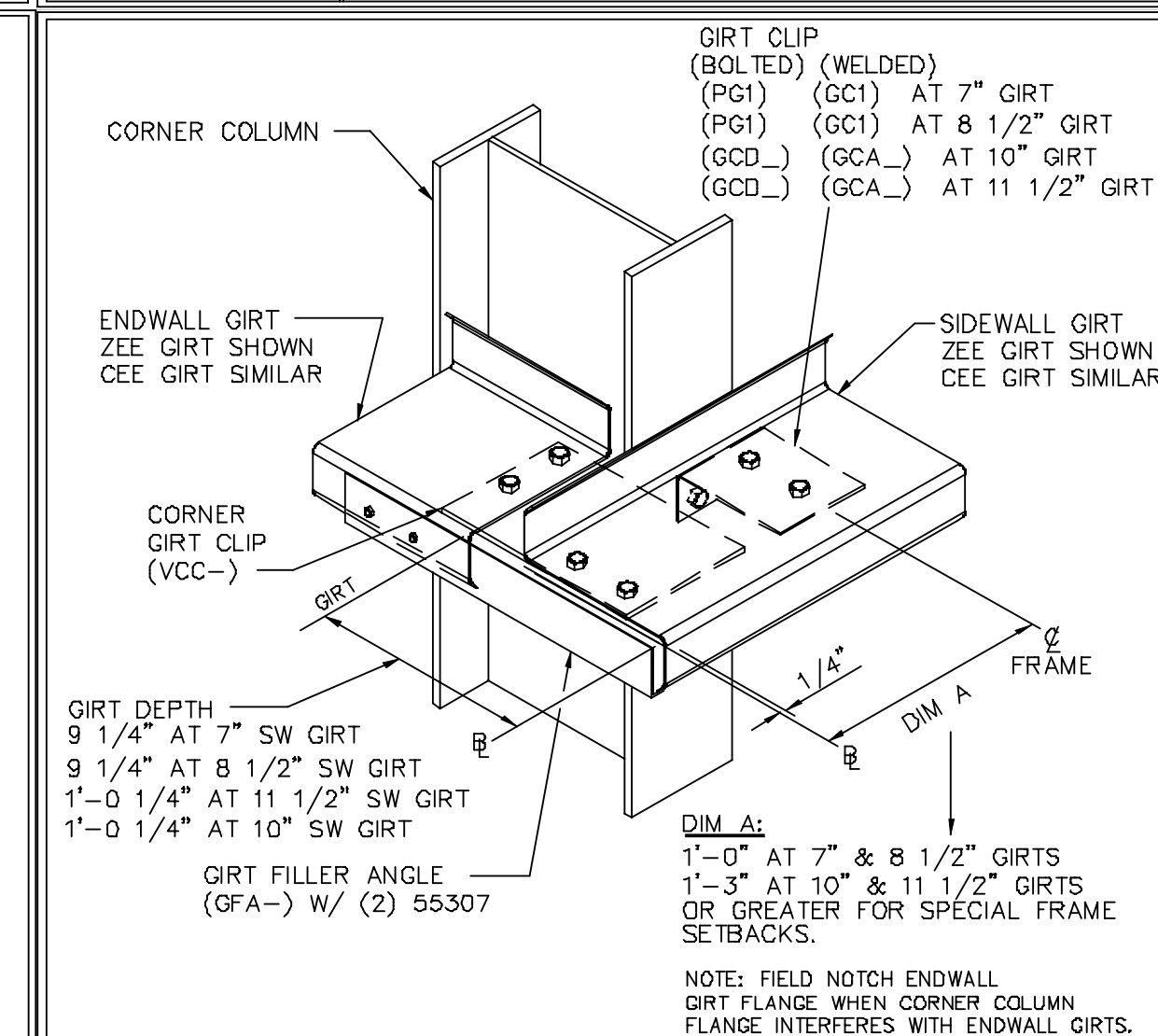
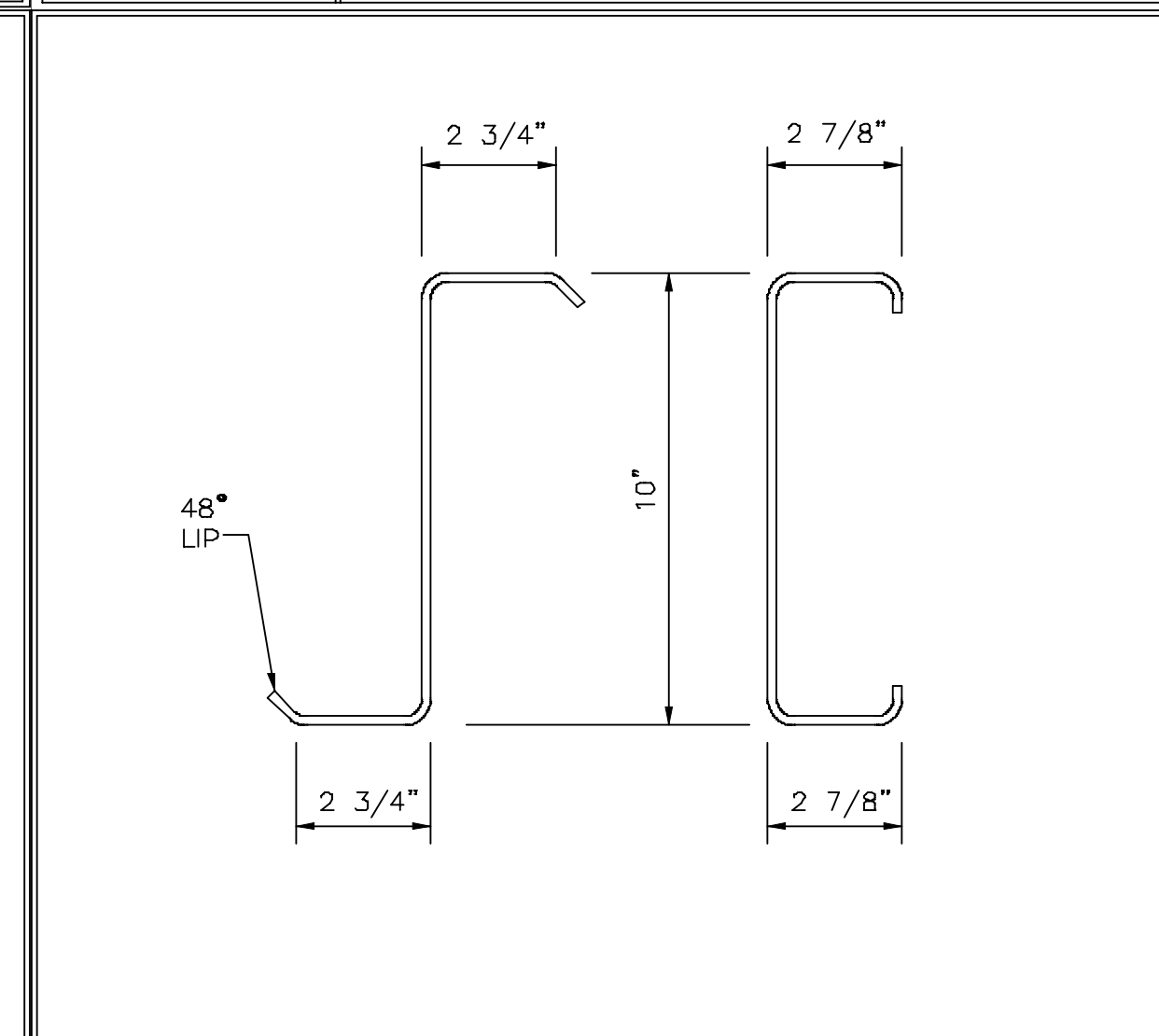
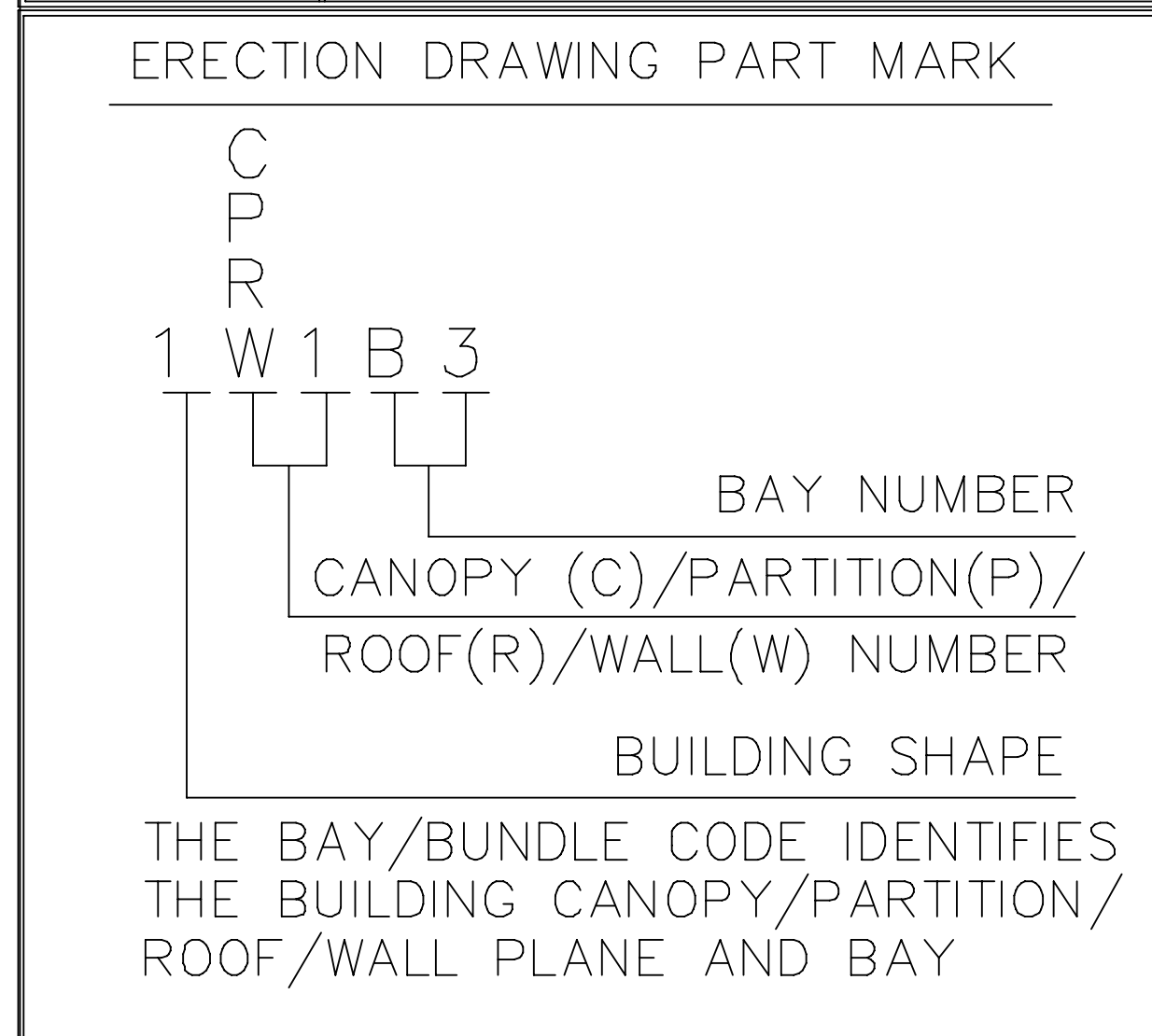
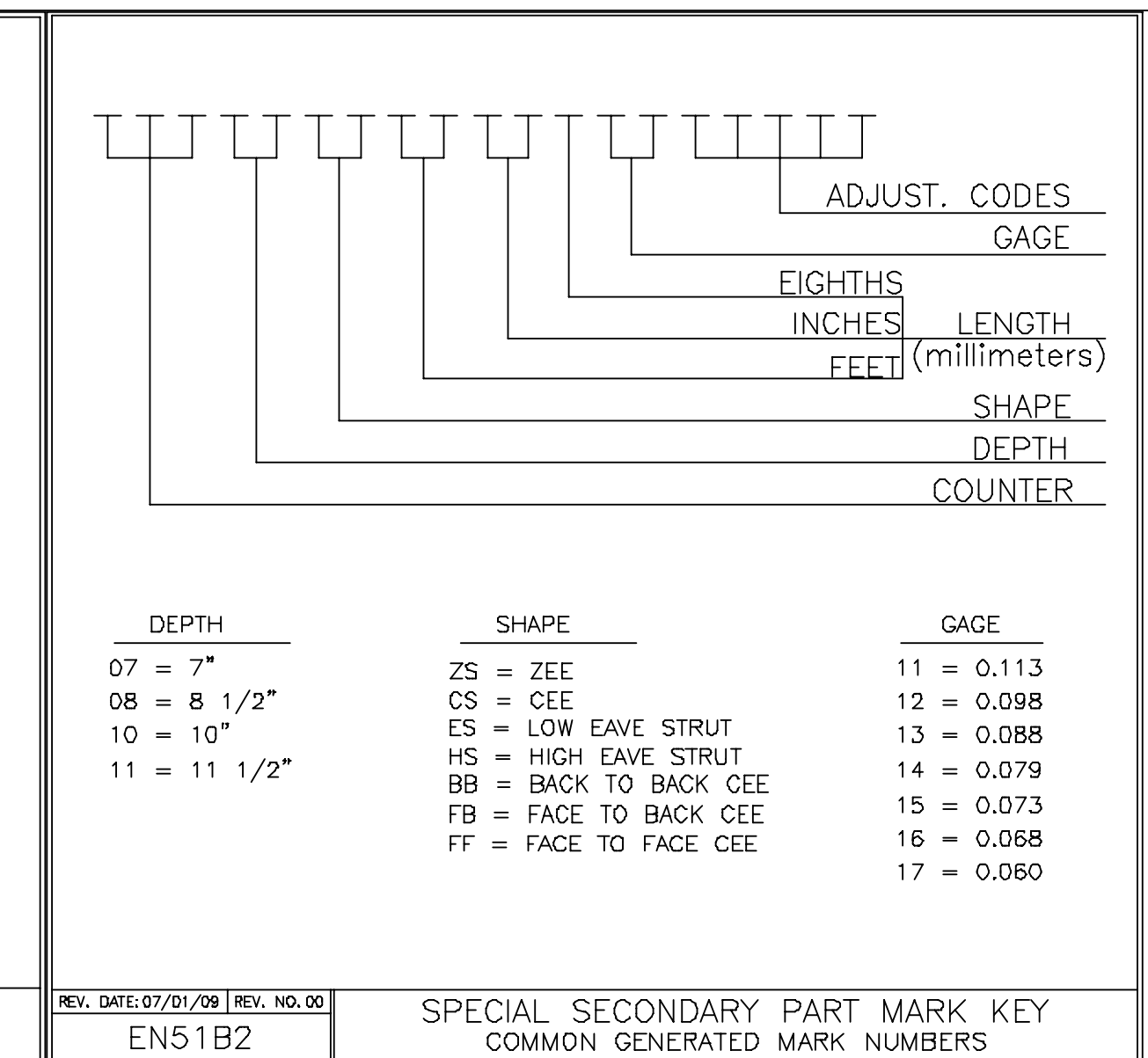
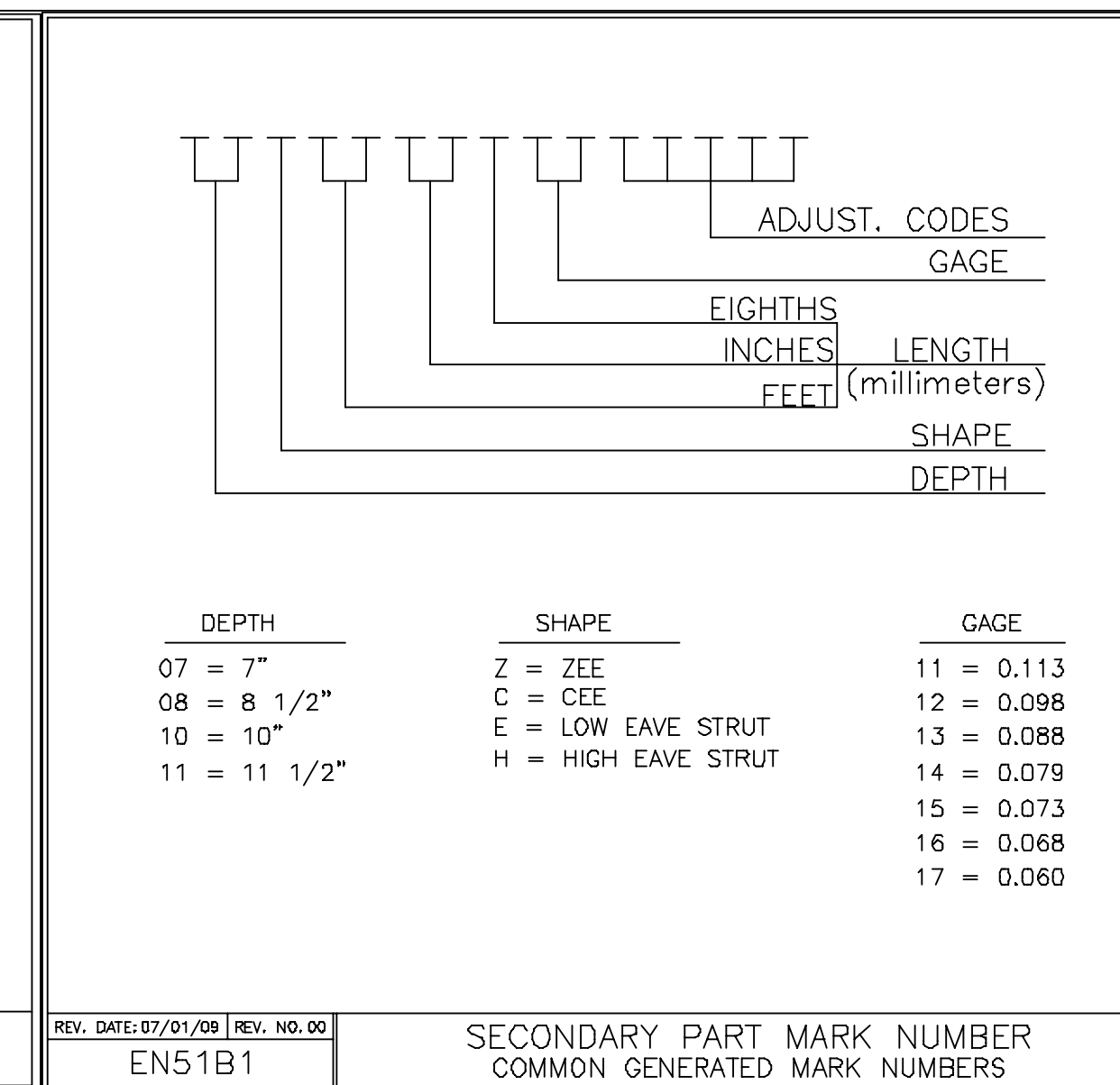
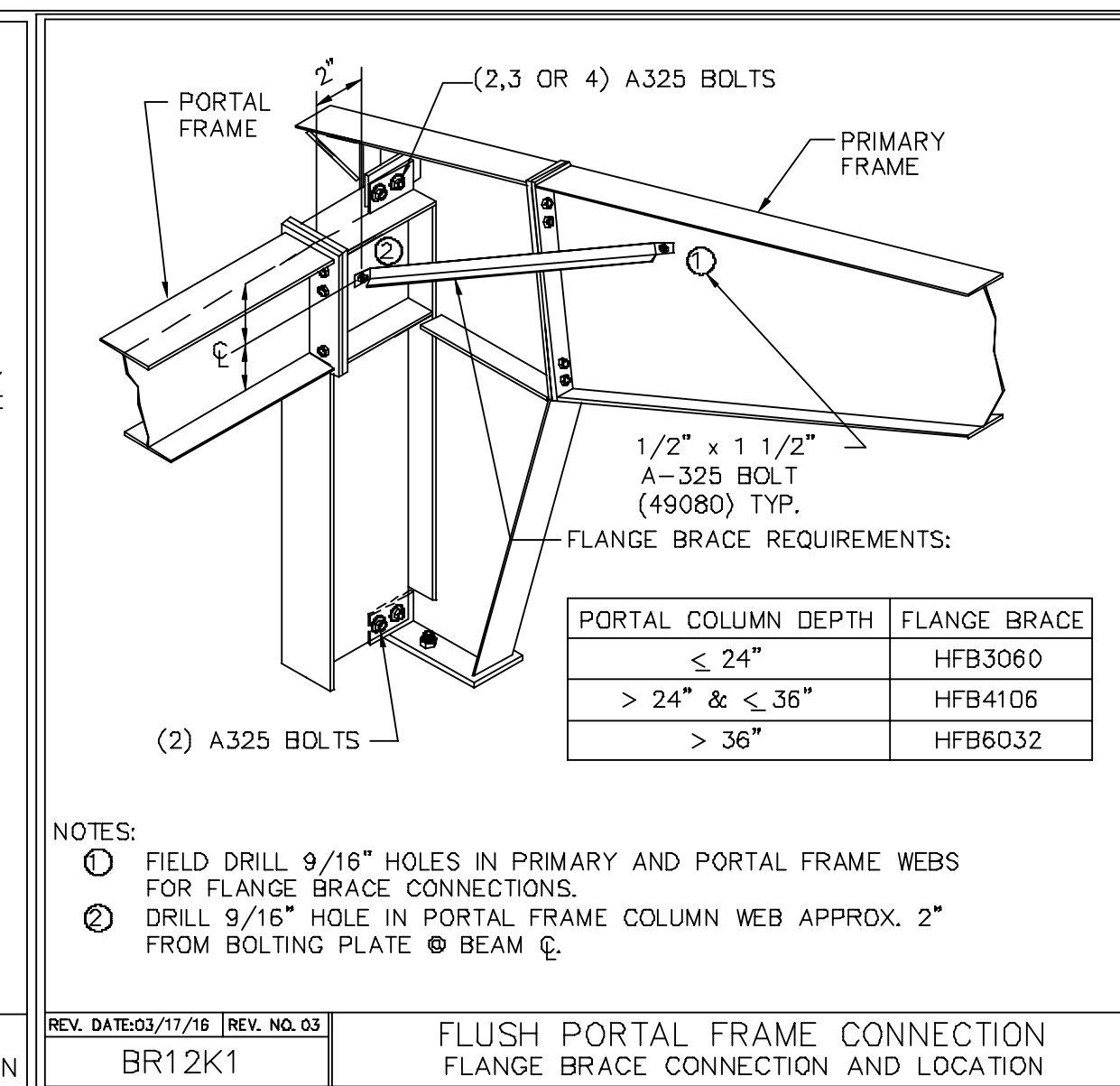
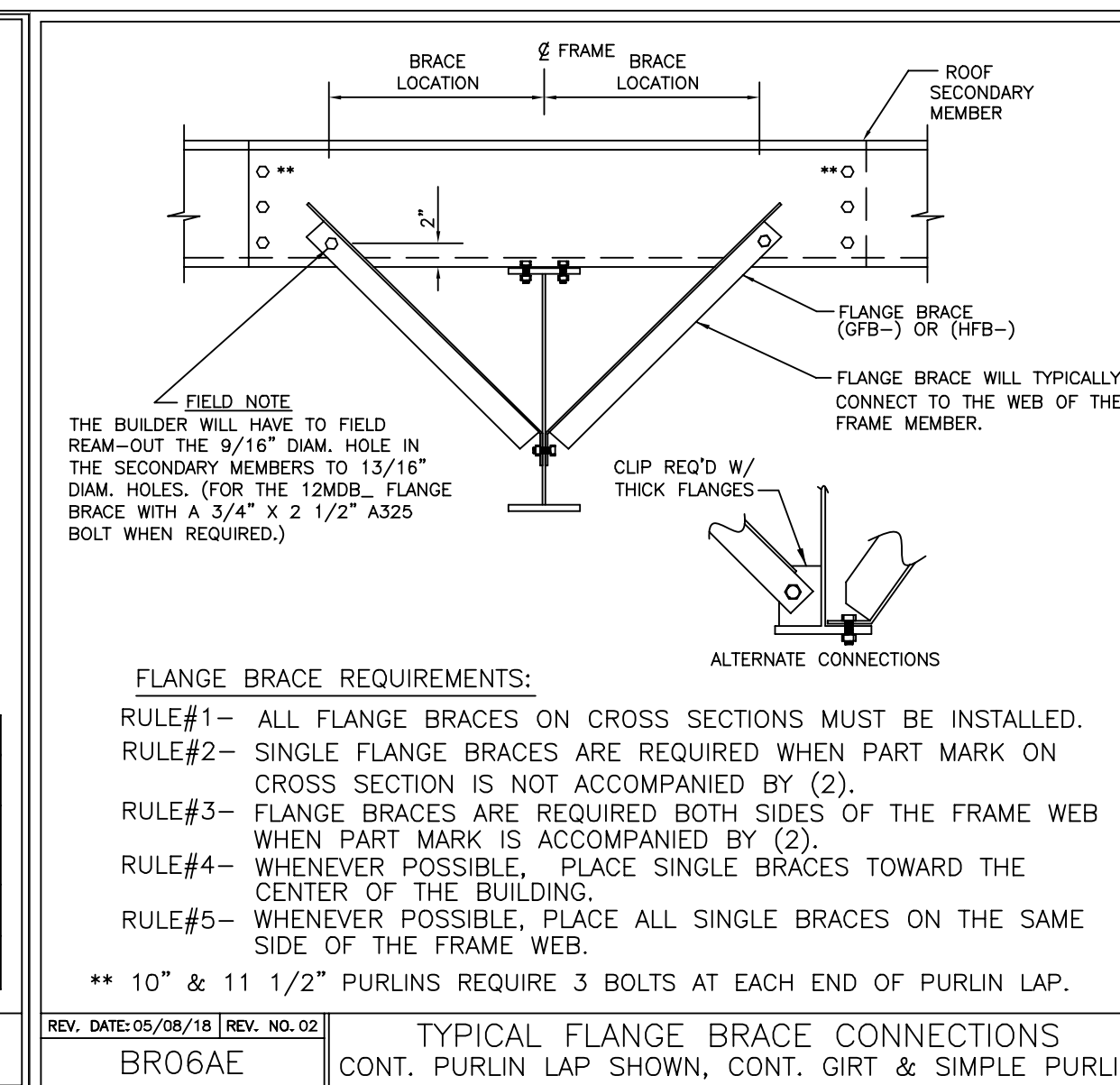
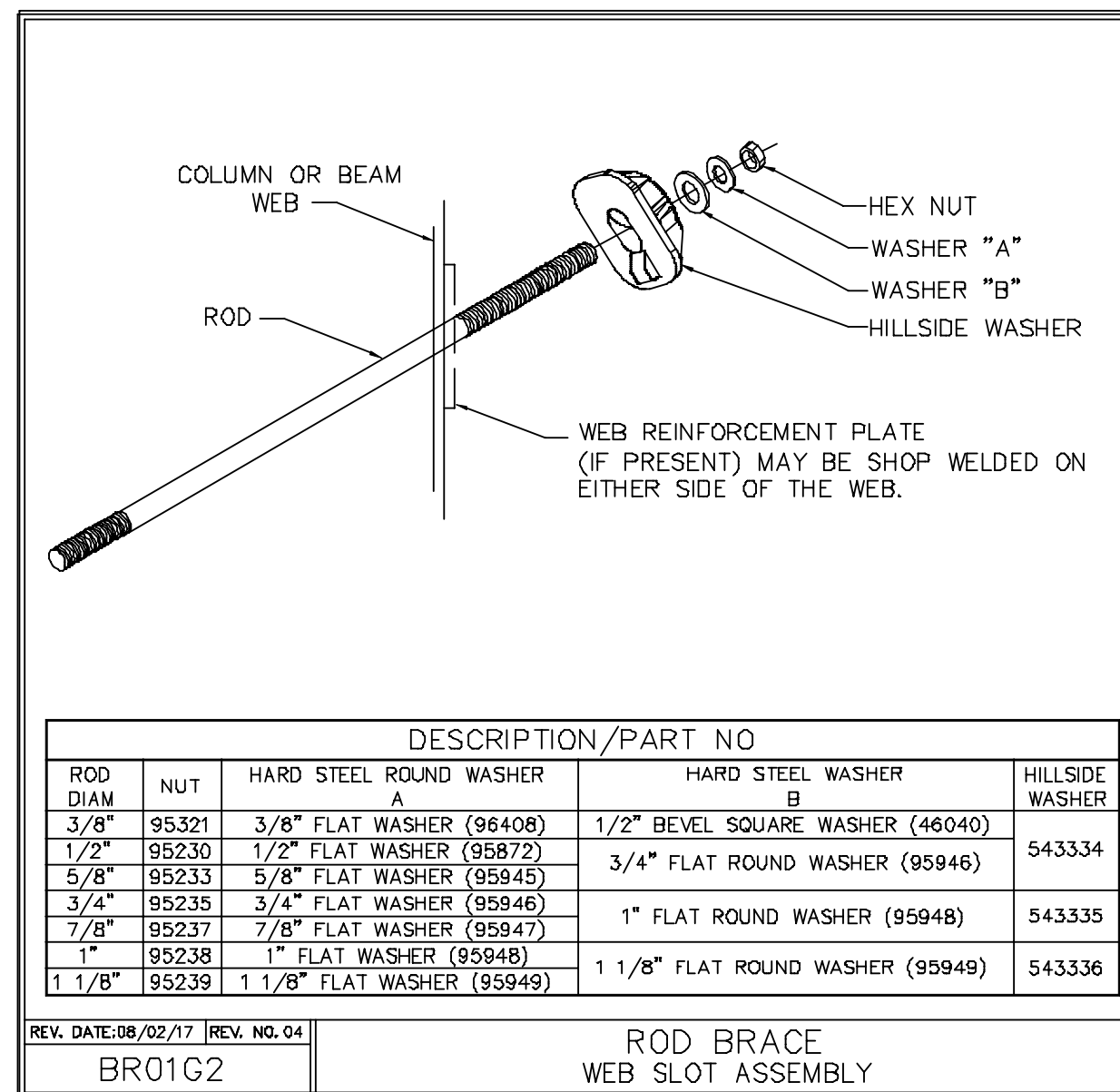
REV	DATE	BY	DESCRIPTION
D			VP Buildings 3200 Players Club Circle Memphis TN 38125

BUILDER		CUSTOMER		LOCATION		PROJECT		BUILDERS PO#	
Lemartec Corporation		Duke Energy		Dunn, North Carolina		Duke Energy Dunn Operations Center - Weld Shop		23068 - Weld Shop	
VP BUILDINGS VARCO PRUDEN A BlueScope Steel Company		VP BUILDINGS VARCO PRUDEN A BlueScope Steel Company		VP BUILDINGS VARCO PRUDEN A BlueScope Steel Company		VP BUILDINGS VARCO PRUDEN A BlueScope Steel Company		VP BUILDINGS VARCO PRUDEN A BlueScope Steel Company	
JOBNO 23-016000-01		DATE 01/31/2024		DRAWN/CHECK MB WJC		PAGE 17		FILENAME: Duke Energy - Weld Shop	

This document has been electronically signed and sealed by W. Jason Clymer, PE using my Digital Signature with PE seal affixed. Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copy.

PERMIT SET- For Building Dept. Approval

SECONDARY ELEVATION AT B



1. UNLESS NOTED, USE 1/2 X 1 1/2 A325T BOLT (49080) AND NUT (47120) W/ WASHERS. SNUG TIGHTEN BOLTS FOR ALL SECONDARY CONNECTIONS.

2. FLANGE BRACES ARE AN INTEGRAL PART OF THE STABILITY OF THE STRUCTURAL SYSTEM AND MUST BE PROPERLY INSTALLED PRIOR TO ERECTION OF WALL AND ROOF SHEETS.

3. REMOVAL OR ALTERATION OF ANY COMPONENT IS PROHIBITED.

THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.

THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND MAY BE REPRODUCED ONLY FOR THAT PURPOSE. IT SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS.

THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.

VP Buildings
3200 Players Club Circle Memphis TN 38125

WALL SECONDARY SED'S

Builder: Lemartec Corporation
Customer: Duke Energy
Location: Dunn, North Carolina
Project: Duke Energy Dunn Operations Center - Weld Shop
Builders PO#: 23068 - Weld Shop
VPC VERSION: 2023.4a

Jobno: 23-016000-01
Date: 01/31/2024
Drawingcheck: MB WJC
Page: 18

1/31/2024 SEDSheet 16:48:10

This document has been electronically signed and sealed by W. Jason Clymer, PE using my Digital Signature with PE seal affixed. Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copy.

W. Jason Clymer
Professional Engineer
040258
02/01/2024

PERMIT SET- For Building Dept. Approval

Covering Schedule							
Id	Qty	Length	Type	Gage	OP	Fin.	Color
#9	16	29'-10 1/2"	SSR	24	2	G	TD

Oper. Code:2=SQ,SQ
Finish:G=Galvalume
Color:TD=Standard Color

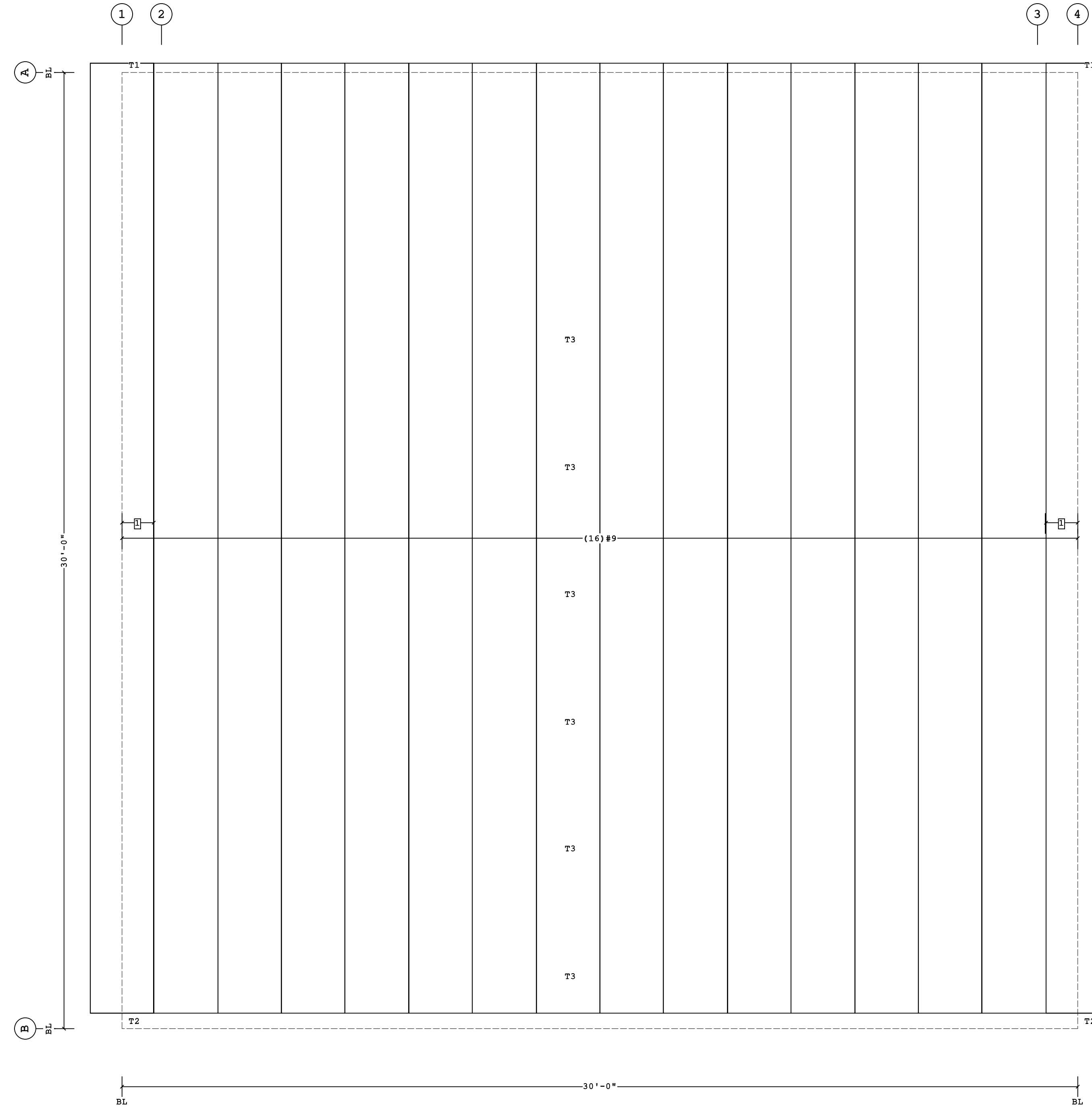
Trim Schedule	
Id	Parts
T1	BS1,FPRF1,GGC1,MCC1
T2	MCC1
T3	(15)560778

Color	Details
Cool Zinc Gray	RC38N1
Cool Zinc Gray	RC38AJ
Not Applicable	EN01B2,EN52D1,ENV001,ENV011,RC00A1,RCV326

Planograph Schedule	
Id	Details
T1	
T2	
T3	S-090028

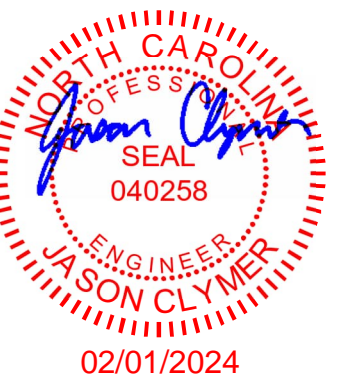
Accessory Schedule		
Qty	Color	Description
1	Cool Arctic White	Walk Door Canopy 4' x 4' 6"
2	Not Applicable	Dektite Kit #3 1/4" - 4"

Detail	
ENV003	RA14A1,RA14B1,RA14D1



ROOF COVERING PLAN

This document has been electronically signed and sealed by W. Jason Clymer, PE using my Digital Signature with PE seal affixed. Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copy.



Dimension Key
1 1'-0" Starter Panel (Cut Dim. = 1'-1")

Shape Name = Weld Shop

PERMIT SET- For Building Dept. Approval

<p>1. PRE-DRILLING 1/8" DIAMETER HOLES FOR STRUCTURAL FASTENERS MAY BE REQUIRED FOR HEAVY GAGE NESTED ZEE'S AND/OR FASTENERS TO STRUCTURAL BEAMS</p> <p>2. STEEL PANELS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM. REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.</p> <p>3. DUE TO MANUFACTURING LIMITATIONS SHORT PANELS MAY REQUIRE FIELD CUTTING. SEE THE COVERING SCHEDULE FOR CUT LENGTHS.</p> <p>4. SEE JOB DETAILS FOR COVERING AND TRIM FASTENER SPECIFICATION.</p>	<p>THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.</p>	<p>THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND MAY BE REPRODUCED ONLY FOR THAT PURPOSE. IT SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS.</p> <p>THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.</p>	<p>D</p> <p>VP Buildings 3200 Players Club Circle Memphis TN 38125</p>	<p>ROOF COVERING PLAN</p>										
				<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REV	DATE	BY	DESCRIPTION					<p>BUILDER Lemartec Corporation</p>	<p>VARCO PRUDEN A BlueScope Steel Company VPC VERSION: 2023.4a</p>
				REV	DATE	BY	DESCRIPTION							
				<p>CUSTOMER Duke Energy</p>	<p>JOBNO 23-016000-01</p>									
				<p>LOCATION Dunn, North Carolina</p>	<p>DATE 01/31/2024</p>									
				<p>PROJECT Duke Energy Dunn Operations Center - Weld Shop</p>	<p>DRAWN/CHECK MB WJC</p>									
<p>NTS</p>				<p>BUILDERS PO# 23068 - Weld Shop</p>	<p>PAGE 19</p>									
<p>1/31/2024 16:48:13</p>				<p>FILENAME: Duke Energy - Weld Shop</p>										

Covering Schedule
 Id Qty Type Start Length Gage OP Fin. Color Increment Direction
 #13 10 W 17'-10 3/4" 26 1 K OW 2 1/4" Left to Right
 Oper. Code:l=SQ,SQ
 Finish:K=KXL (Kynar)
 Color:OW=Cool Cotton White

Trim Schedule
 Id Parts
 T1 (2)BG2415, (3)BT10
 T2 CT20
 T3 (4)RFR10-130, (2)RKF16, (4)RSB10, (4)RSC10

Color
 Cool Cotton White
 Cool Cotton White
 Cool Zinc Gray

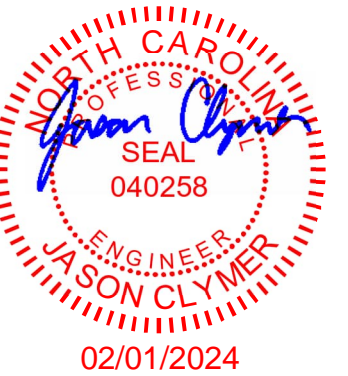
Details
 WSR065,EN52A1,ENV003,RC00A1,WC01AB,WC04G1,
 WS27B2,WS27D2
 WC20A1
 RC10A2,RC30A1,RS10L5



COVERING ELEVATION AT 1

Fastener Schedule
 Part Description
 0097584-102 (T-2) #12-14 x 1 1/4", 5/16" Hex Hd, SS Cap w/Washer
 0097581-102 (T-1) 1/4-14 x 7/8", 5/16" Hex Hd, SS Cap w/Washer

This document has been electronically signed and sealed by W. Jason Clymer, PE using my Digital Signature with PE seal affixed. Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copy.



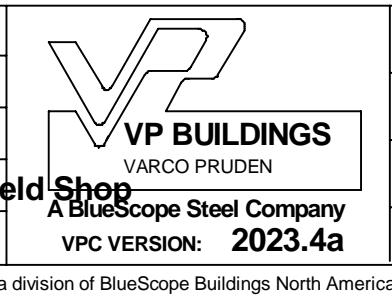
PERMIT SET- For Building Dept. Approval

1. PRE-DRILLING 1/8 DIAMETER HOLES FOR STRUCTURAL FASTENERS MAY BE REQUIRED FOR HEAVY GAGE NESTED ZEE'S AND/OR FASTENERS TO STRUCTURAL BEAMS
 2. STEEL PANELS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM. REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.
 3. DUE TO MANUFACTURING LIMITATIONS SHORT PANELS MAY REQUIRE FIELD CUTTING. SEE THE COVERING SCHEDULE FOR CUT LENGTHS.
 4. SEE JOB DETAILS FOR COVERING AND TRIM FASTENER SPECIFICATION.

THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.

THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND MAY BE REPRODUCED ONLY FOR THAT PURPOSE. IT SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS.
 THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.

D	VP Buildings			COVERING ELEVATION AT 1	
	3200 Players Club Circle Memphis TN 38125				
REV	DATE	BY	DESCRIPTION	BUILDER	Lemartec Corporation
				CUSTOMER	Duke Energy
				LOCATION	Dunn, North Carolina
				PROJECT	Duke Energy Dunn Operations Center - Weld Shop
				BUILDERS PO#	23068 - Weld Shop
				VP BUILDINGS	VARCO PRUDEN A BlueScope Steel Company
				VP VERSION:	2023.4a
				FILENAME:	Duke Energy - Weld Shop
			NTS		
			1/31/2024	16:48:15	
					JOBNO 23-016000-01
					DATE 01/31/2024
					DRAWN/CHECK MB WJC
					PAGE 20



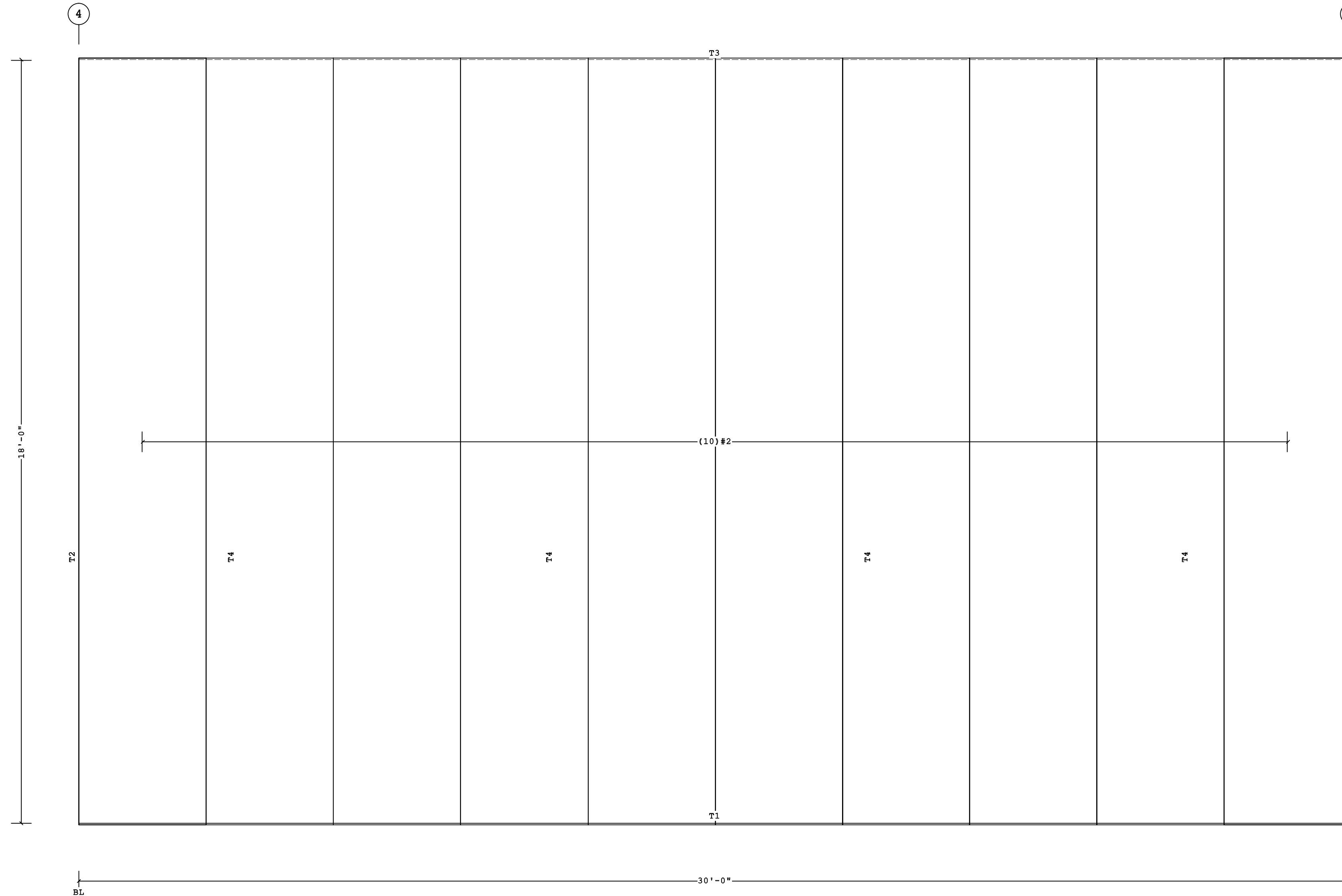
a division of BlueScope Buildings North America, Inc.

Covering Schedule
 Id Qty Type Start Length Gage OP Fin. Color Direction
 #2 10 W 18'-0 7/8" 26 1 K OW Left to Right
 Oper. Code:l=SQ,SQ
 Finish:K=KXL (Kynar)
 Color:OW=Cool Cotton White

Trim Schedule
 Id Parts
 T1 (2)BG2415, (3)BT10
 T2 CT20
 T3 EG201,EG121, (3)PCA10A, (9)STR4
 T4 5CE75, (2)CP510, DN1, (4)DST1

Color
 Cool Cotton White
 Cool Cotton White
 Cool Zinc Gray
 Cool Zinc Gray

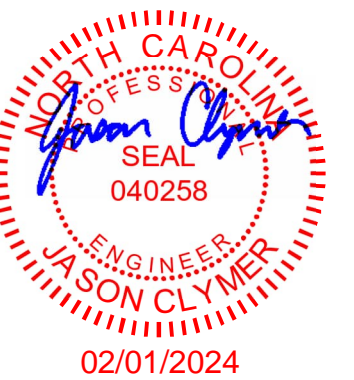
Details
 WSR065,EN52A1,ENV003,RC00A1,WC01AB,WC04G1,
 WS27B2,WS27D2
 WC20A1
 RC32A1,RC38E1,RC61A6,RCV324,RCV536,WC04G1,WC11F1
 RC38P1



COVERING ELEVATION AT A

Fastener Schedule
 Part Description
 0097584-102 (T-2) #12-14 x 1 1/4", 5/16" Hex Hd, SS Cap w/Washer
 0097581-102 (T-1) 1/4-14 x 7/8", 5/16" Hex Hd, SS Cap w/Washer

This document has been electronically signed and sealed by W. Jason Clymer, PE using my Digital Signature with PE seal affixed. Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copy.



PERMIT SET- For Building Dept. Approval

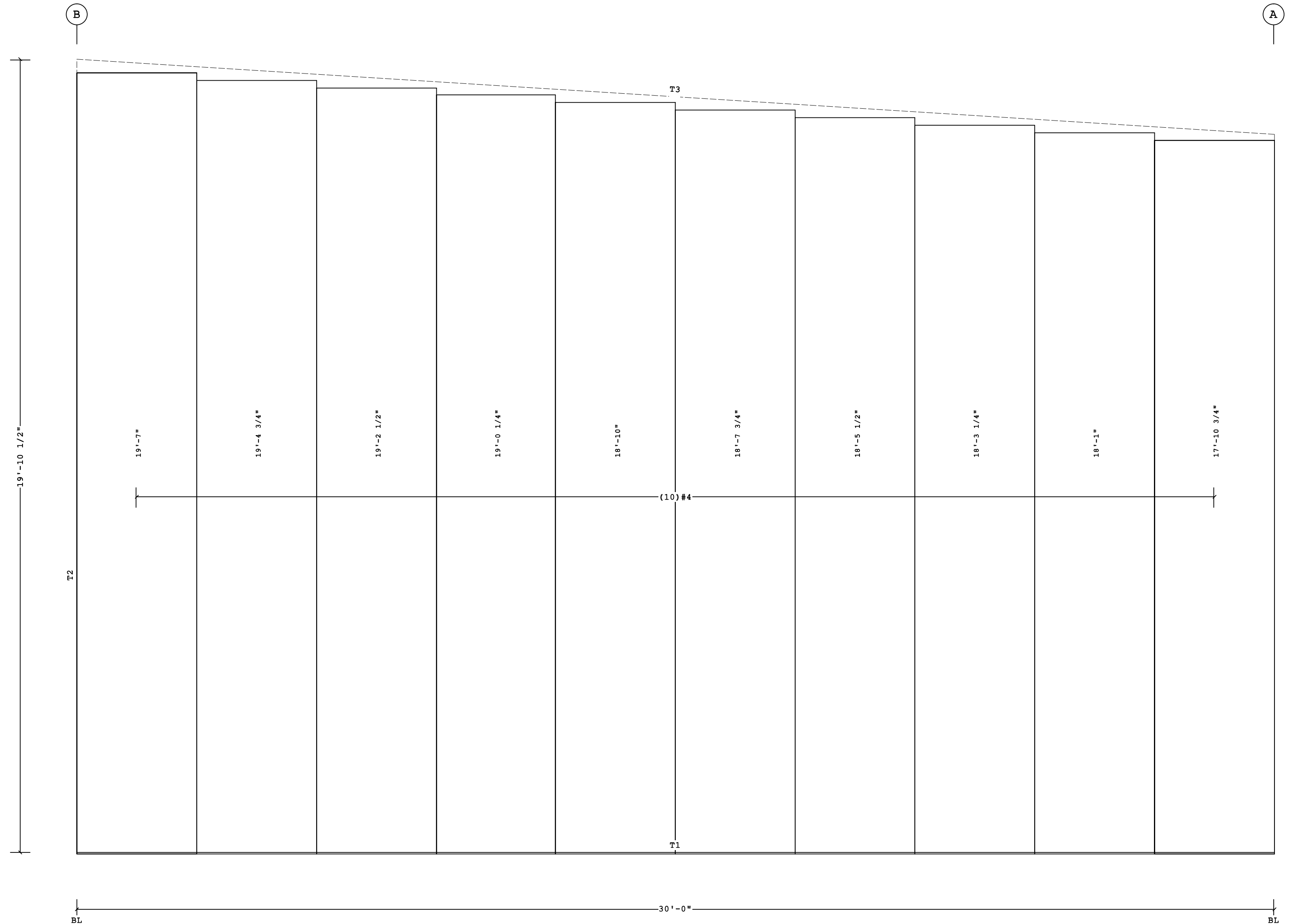
<p>1. PRE-DRILLING 1/8 DIAMETER HOLES FOR STRUCTURAL FASTENERS MAY BE REQUIRED FOR HEAVY GAGE NESTED ZEE'S AND/OR FASTENERS TO STRUCTURAL BEAMS</p> <p>2. STEEL PANELS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM. REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.</p> <p>3. DUE TO MANUFACTURING LIMITATIONS SHORT PANELS MAY REQUIRE FIELD CUTTING. SEE THE COVERING SCHEDULE FOR CUT LENGTHS.</p> <p>4. SEE JOB DETAILS FOR COVERING AND TRIM FASTENER SPECIFICATION.</p>	<p>THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.</p>	<p>THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND MAY BE REPRODUCED ONLY FOR THAT PURPOSE. IT SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS.</p> <p>THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.</p>	<p>D</p> <p>VP Buildings 3200 Players Club Circle Memphis TN 38125</p>	<p>COVERING ELEVATION AT A</p>					
				<p>REV</p>	<p>DATE</p>	<p>BY</p>	<p>DESCRIPTION</p>	<p>BUILDER Lemartec Corporation</p>	<p>JOBNO 23-016000-01</p>
				<p>PROJECT Duke Energy Dunn Operations Center - Weld Shop</p>				<p>CUSTOMER Duke Energy</p>	<p>DATE 01/31/2024</p>
				<p>BUILDERS PO# 23068 - Weld Shop</p>				<p>LOCATION Dunn, North Carolina</p>	<p>DRAWN/CHECK MB WJC</p>
<p>NTS</p>				<p>BUILDERS PO# 23068 - Weld Shop</p>	<p>PAGE 21</p>				

Covering Schedule
 Id Qty Type Start Length Gage OP Fin. Color Increment Direction
 #4 10 W 19'-7" 26 1 K OW -2 1/4" Left to Right
 Oper. Code:l=SQ,SQ
 Finish:K=KXL (Kynar)
 Color:OW=Cool Cotton White

Trim Schedule
 Id Parts
 T1 (2)BG2415, (3)BT10
 T2 CT20
 T3 (4)RFR10-130, (2)RKF16, (4)RSB10, (4)RSC10

Color
 Cool Cotton White
 Cool Cotton White
 Cool Zinc Gray

Details
 WSR065,EN52A1,ENV003,RC00A1,WC01AB,WC04G1,
 WS27B2,WS27D2
 WC20A1
 RC10A2,RC30A1,RS10L5

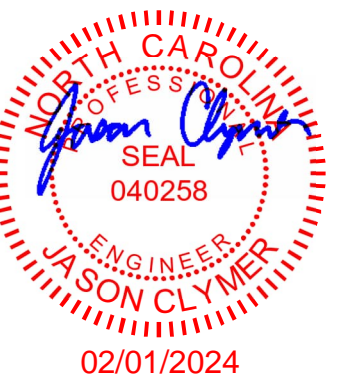


COVERING ELEVATION AT 4

Fastener Schedule

Part	Description
0097584-102	(T-2) #12-14 x 1 1/4", 5/16" Hex Hd, SS Cap w/Washer
0097581-102	(T-1) 1/4-14 x 7/8", 5/16" Hex Hd, SS Cap w/Washer

This document has been electronically signed and sealed by W. Jason Clymer, PE using my Digital Signature with PE seal affixed. Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copy.



PERMIT SET- For Building Dept. Approval

<p>1. PRE-DRILLING 1/8 DIAMETER HOLES FOR STRUCTURAL FASTENERS MAY BE REQUIRED FOR HEAVY GAGE NESTED ZEE'S AND/OR FASTENERS TO STRUCTURAL BEAMS</p> <p>2. STEEL PANELS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM. REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.</p> <p>3. DUE TO MANUFACTURING LIMITATIONS SHORT PANELS MAY REQUIRE FIELD CUTTING. SEE THE COVERING SCHEDULE FOR CUT LENGTHS.</p> <p>4. SEE JOB DETAILS FOR COVERING AND TRIM FASTENER SPECIFICATION.</p>	<p>THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.</p>	<p>THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND MAY BE REPRODUCED ONLY FOR THAT PURPOSE. IT SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS.</p> <p>THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.</p>	<p>D</p> <p>VP Buildings 3200 Players Club Circle Memphis TN 38125</p>	<p>COVERING ELEVATION AT 4</p>					
				<p>REV</p>	<p>DATE</p>	<p>BY</p>	<p>DESCRIPTION</p>	<p>BUILDER Lemartec Corporation</p>	<p>JOBNO 23-016000-01</p>
				<p>PROJECT Duke Energy Dunn Operations Center - Weld Shop</p>	<p>LOCATION Dunn, North Carolina</p>	<p>CUSTOMER Duke Energy</p>	<p>DATE 01/31/2024</p>	<p>DRAWN/CHECK MB WJC</p>	<p>PAGE 22</p>
				<p>BUILDERS PO# 23068 - Weld Shop</p>	<p>VP VERSION: 2023.4a</p>	<p>NTS</p>	<p>1/31/2024 16:48:17</p>	<p>FILENAME: Duke Energy - Weld Shop</p>	<p>a division of BlueScope Buildings North America, Inc.</p>

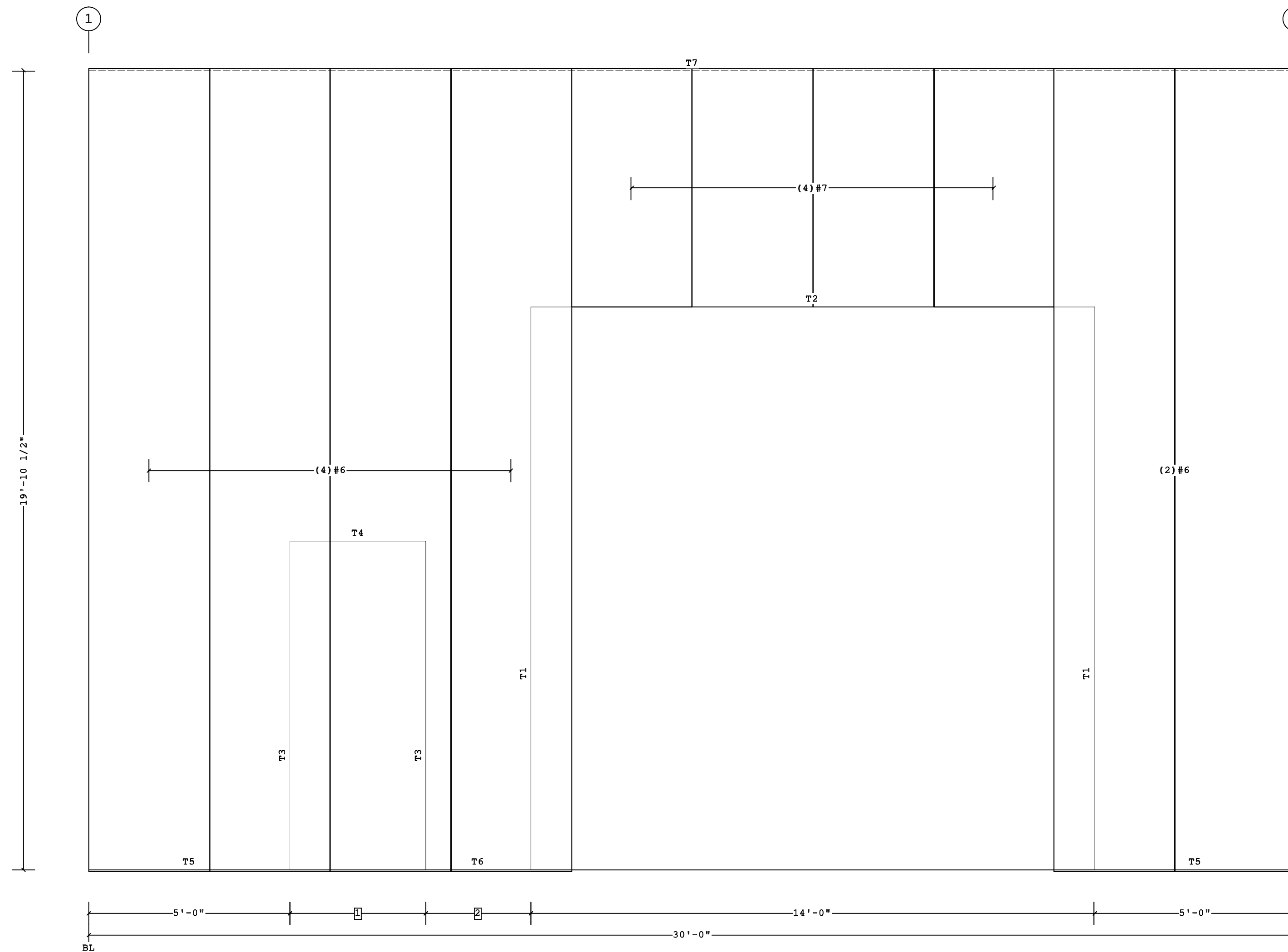
Covering Schedule								
Id	Qty	Type	Start Length	Gage	OP	Fin.	Color	Direction
#6	6	W	19'-11 1/2"	26	1	K	OW	Left to Right
#7	4	W	5'-11"	26	1	K	OW	Left to Right

Oper. Code:l=SQ,SQ
Finish:K=KXL (Kynar)
Color:OW=Cool Cotton White

Trim Schedule	
Id	Parts
T1	DFF14, JT14
T2	DFF14, HTS14
T3	DFF10, JT10
T4	DFF05, HTS05
T5	(0.3)BG2415, BT10
T6	(0.2)BG2415, BT10
T7	(3)HSEP1, (3)RFR10-130, RKF20, RKF10

Color	Details
Cool Cotton White	WC24A1
Cool Cotton White	WC24A2
Cool Cotton White	WC24A1
Cool Cotton White	WC24A2
Cool Cotton White	WSR065, EN52A1, ENV003, RC00A1, WC01AB, WC04G1, WS27B2, WS27D2, WSR065
Cool Cotton White	WSR065, EN52A1, ENV003, RC00A1, WC01AB, WC04G1, WS27B2, WS27D2
Cool Zinc Gray	RC00A1, RCV420, RCV421, RCV422, RCV423, RCV531

- 2 2'-7 1/2"
 - 1 3'-4 1/2"
- Dimension Key



COVERING ELEVATION AT B

Fastener Schedule	
Part	Description
0097584-102	(T-2) #12-14 x 1 1/4", 5/16" Hex Hd, SS Cap w/Washer
0097581-102	(T-1) 1/4-14 x 7/8", 5/16" Hex Hd, SS Cap w/Washer

This document has been electronically signed and sealed by W. Jason Clymer, PE using my Digital Signature with PE seal affixed. Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copy.



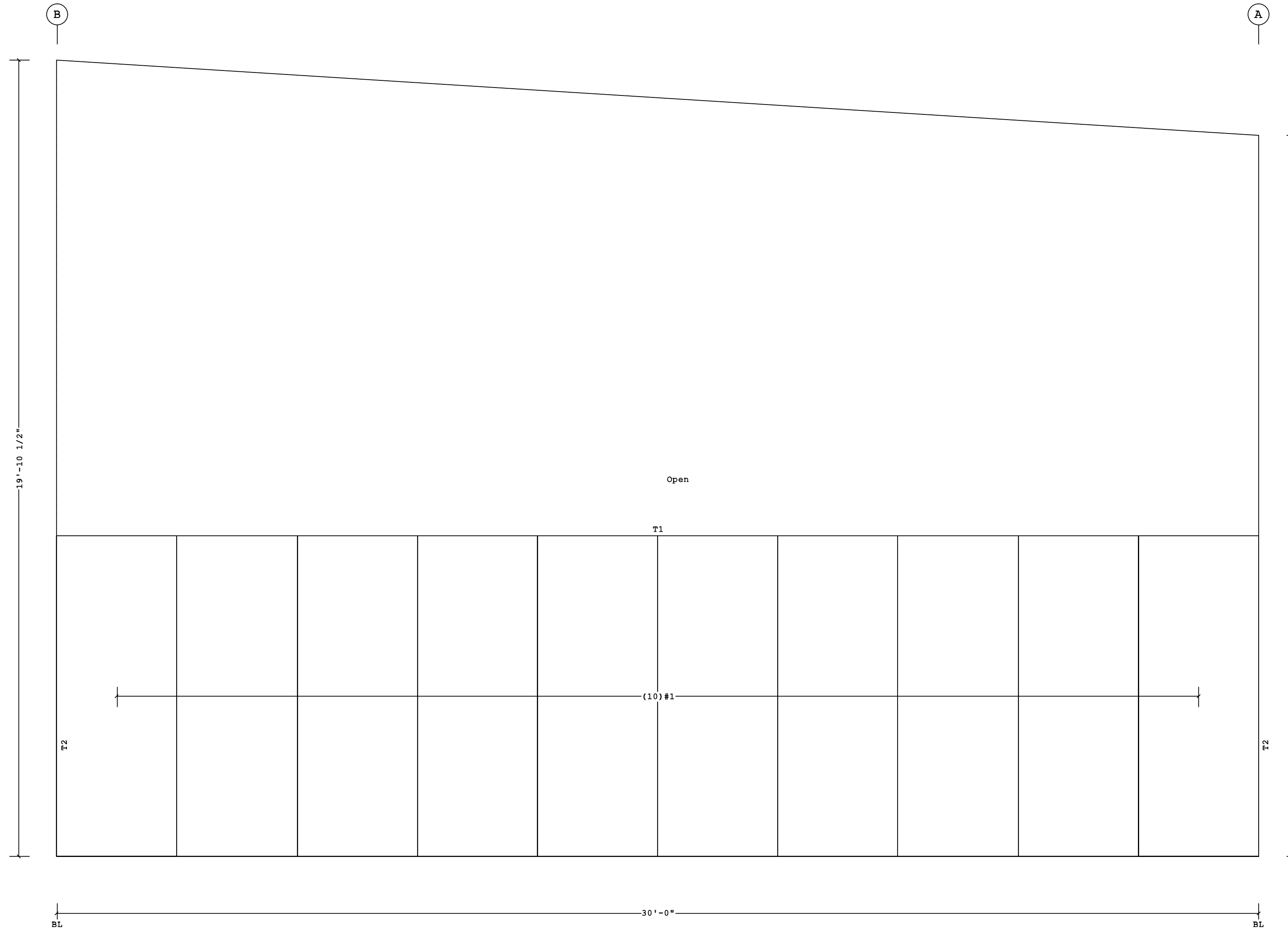
PERMIT SET- For Building Dept. Approval

<p>1. PRE-DRILLING 1/8 DIAMETER HOLES FOR STRUCTURAL FASTENERS MAY BE REQUIRED FOR HEAVY GAGE NESTED ZEE'S AND/OR FASTENERS TO STRUCTURAL BEAMS</p> <p>2. STEEL PANELS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM. REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.</p> <p>3. DUE TO MANUFACTURING LIMITATIONS SHORT PANELS MAY REQUIRE FIELD CUTTING. SEE THE COVERING SCHEDULE FOR CUT LENGTHS.</p> <p>4. SEE JOB DETAILS FOR COVERING AND TRIM FASTENER SPECIFICATION.</p>	<p>THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.</p>	<p>THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND MAY BE REPRODUCED ONLY FOR THAT PURPOSE. IT SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS.</p> <p>THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.</p>	<p>D</p> <p>VP Buildings 3200 Players Club Circle Memphis TN 38125</p>	<p>COVERING ELEVATION AT B</p>					
				<p>REV</p>	<p>DATE</p>	<p>BY</p>	<p>DESCRIPTION</p>	<p>BUILDER Lemartec Corporation</p>	<p>JOBNO 23-016000-01</p>
								<p>CUSTOMER Duke Energy</p>	<p>DATE 01/31/2024</p>
								<p>LOCATION Dunn, North Carolina</p>	<p>DRAWN/CHECK MB WJC</p>
				<p>PROJECT Duke Energy Dunn Operations Center - Weld Shop</p>	<p>PAGE 23</p>				
				<p>BUILDERS PO# 23068 - Weld Shop</p>	<p>VP BUILDINGS VARCO PRUDEN A BlueScope Steel Company VPC VERSION: 2023.4a</p>				
				<p>NTS</p>	<p>FILENAME: Duke Energy - Weld Shop</p>				
				<p>1/31/2024</p>	<p>16:48:18</p>				
				<p>a division of BlueScope Buildings North America, Inc.</p>					

Wall Liner Schedule
 Id Qty Type Length Gage OP Finish Color Direction
 #1 10 DLN 8'-0" 26 1 K OW Left to Right
 Oper. Code:l=SQ,SQ
 Finish:K=KXL (Kynar)
 Color:OW=Cool Cotton White

Trim Schedule
 Id Parts
 T1 (3)LPJT
 T2 (2)LPJT

Color
 Match Wall Color WCV062,WLV013
 Match Wall Color WCV062,WLV014,WLV015



WALL LINER ELEVATION AT 1
 (View from inside Building)

Part	Description
0097584-102	(T-2) #12-14 x 1 1/4", 5/16" Hex Hd, SS Cap w/Washer
0097581-102	(T-1) 1/4-14 x 7/8", 5/16" Hex Hd, SS Cap w/Washer

This document has been electronically signed and sealed by W. Jason Clymer, PE using my Digital Signature with PE seal affixed. Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copy.



PERMIT SET- For Building Dept. Approval

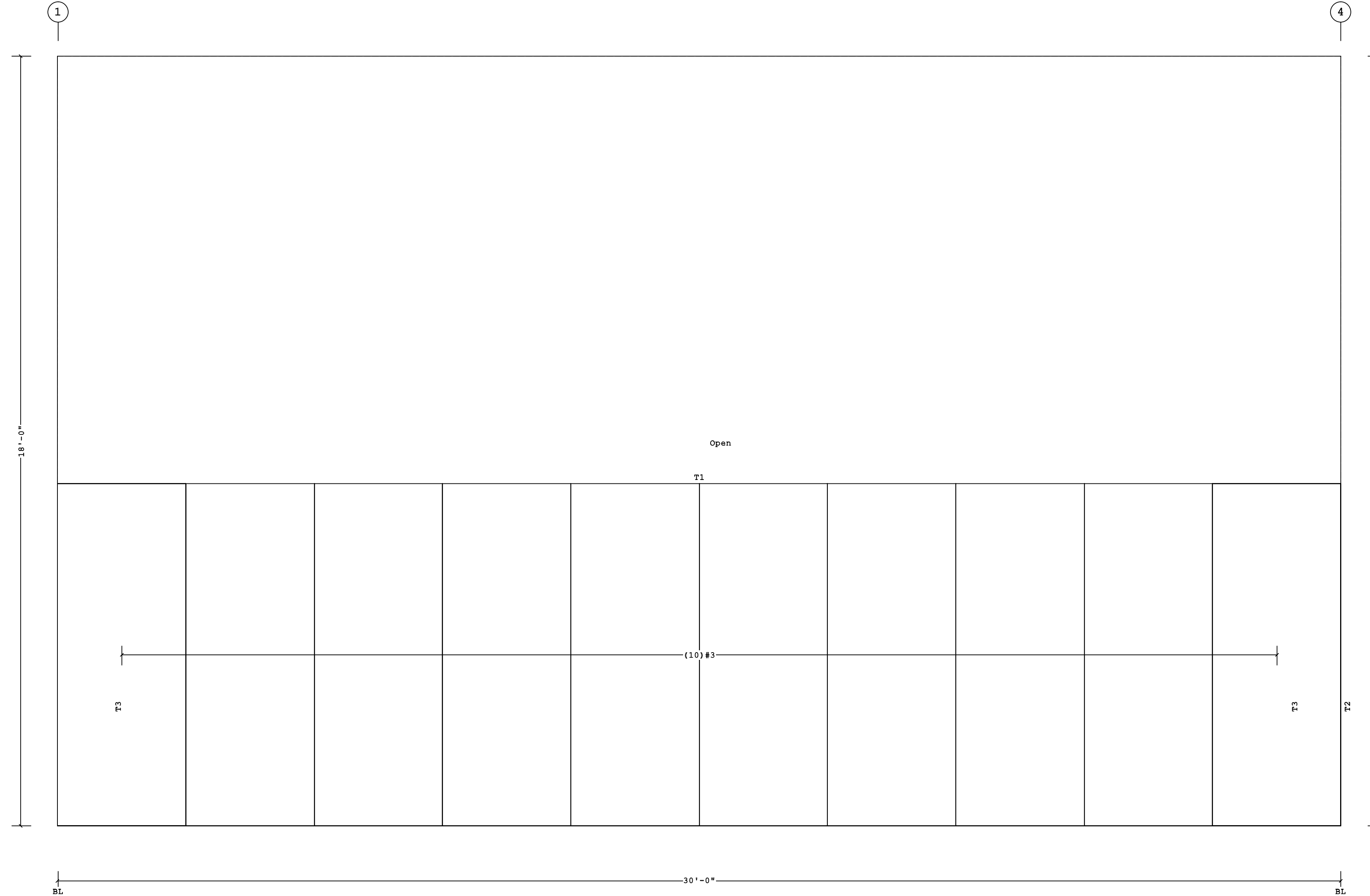
<p>1. PRE-DRILLING 1/8 DIAMETER HOLES FOR STRUCTURAL FASTENERS MAY BE REQUIRED FOR HEAVY GAGE NESTED ZEE'S AND/OR FASTENERS TO STRUCTURAL BEAMS</p> <p>2. STEEL PANELS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM. REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.</p> <p>3. DUE TO MANUFACTURING LIMITATIONS SHORT PANELS MAY REQUIRE FIELD CUTTING. SEE THE COVERING SCHEDULE FOR CUT LENGTHS.</p> <p>4. SEE JOB DETAILS FOR COVERING AND TRIM FASTENER SPECIFICATION.</p>	<p>THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.</p>	<p>THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND MAY BE REPRODUCED ONLY FOR THAT PURPOSE. IT SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS.</p> <p>THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.</p>	<p>D</p> <p>VP Buildings 3200 Players Club Circle Memphis TN 38125</p>	<p>WALL LINER ELEVATION AT 1</p>					
				<p>REV</p>	<p>DATE</p>	<p>BY</p>	<p>DESCRIPTION</p>	<p>BUILDER Lemartec Corporation</p>	<p>JOBNO 23-016000-01</p>
								<p>CUSTOMER Duke Energy</p>	<p>DATE 01/31/2024</p>
								<p>LOCATION Dunn, North Carolina</p>	<p>DRAWN/CHECK MB WJC</p>
				<p>PROJECT Duke Energy Dunn Operations Center - Weld Shop</p>	<p>PAGE 24</p>				
				<p>BUILDERS PO# 23068 - Weld Shop</p>					
				<p>NTS</p>					
				<p>VP BUILDINGS VARCO PRUDEN A BlueScope Steel Company VPC VERSION: 2023.4a</p>					
				<p>FILENAME: Duke Energy - Weld Shop</p>					

Wall Liner Schedule				Gage OP			Finish Color			Direction		
Id	Qty	Type	Length									
#3	10	DLN	8'-0"	26	1	K	OW	Left to Right				

Oper. Code:l=SQ,SQ
Finish:K=KXL (Kynar)
Color:OW=Cool Cotton White

Trim Schedule	
Id	Parts
T1	(3)LPJT
T2	(2)LPJT
T3	(2)LPJT

Color		Details	
Match Wall Color	WCV062,WLV013		
Match Wall Color	WCV062,WLV014,WLV015		
Match Wall Color	WLV015		



WALL LINER ELEVATION AT A
(View from inside Building)

Fastener Schedule	
Part	Description
0097584-102	(T-2) #12-14 x 1 1/4", 5/16" Hex Hd, SS Cap w/Washer
0097581-102	(T-1) 1/4-14 x 7/8", 5/16" Hex Hd, SS Cap w/Washer

This document has been electronically signed and sealed by W. Jason Clymer, PE using my Digital Signature with PE seal affixed. Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copy.



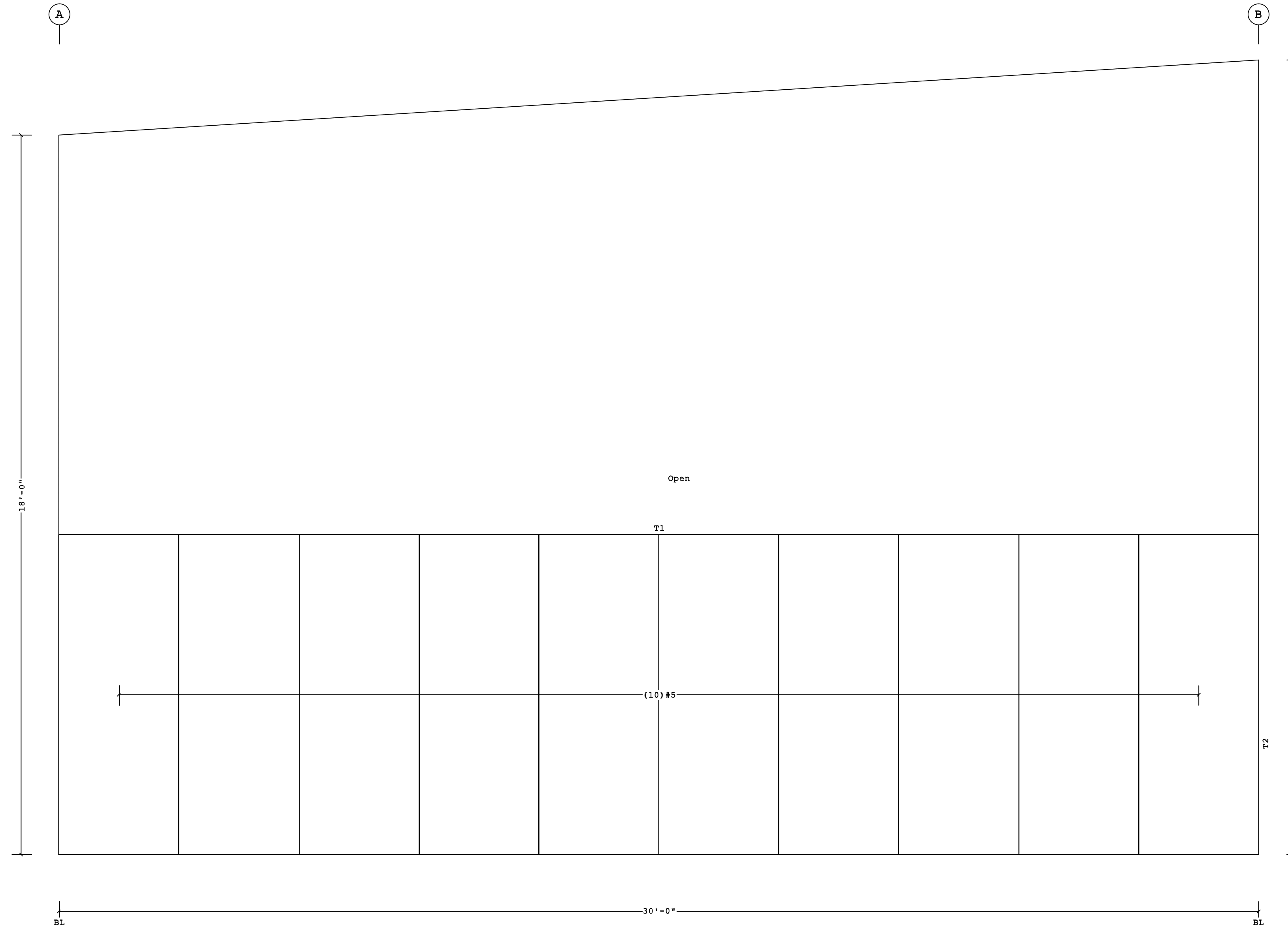
PERMIT SET- For Building Dept. Approval

<p>1. PRE-DRILLING 1/8 DIAMETER HOLES FOR STRUCTURAL FASTENERS MAY BE REQUIRED FOR HEAVY GAGE NESTED ZEE'S AND/OR FASTENERS TO STRUCTURAL BEAMS</p> <p>2. STEEL PANELS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM. REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.</p> <p>3. DUE TO MANUFACTURING LIMITATIONS SHORT PANELS MAY REQUIRE FIELD CUTTING. SEE THE COVERING SCHEDULE FOR CUT LENGTHS.</p> <p>4. SEE JOB DETAILS FOR COVERING AND TRIM FASTENER SPECIFICATION.</p>	<p>THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.</p>	<p>THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND MAY BE REPRODUCED ONLY FOR THAT PURPOSE. IT SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS.</p> <p>THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.</p>	<p>D</p> <p>VP Buildings 3200 Players Club Circle Memphis TN 38125</p>	<p>WALL LINER ELEVATION AT A</p>					
				<p>REV</p>	<p>DATE</p>	<p>BY</p>	<p>DESCRIPTION</p>	<p>BUILDER Lemartec Corporation</p>	<p>JOBNO 23-016000-01</p>
								<p>CUSTOMER Duke Energy</p>	<p>DATE 01/31/2024</p>
								<p>LOCATION Dunn, North Carolina</p>	<p>DRAWN/CHECK MB WJC</p>
				<p>PROJECT Duke Energy Dunn Operations Center - Weld Shop</p>	<p>PAGE 25</p>				
				<p>BUILDERS PO# 23068 - Weld Shop</p>	<p>VP BUILDINGS VARCO PRUDEN A BlueScope Steel Company VPC VERSION: 2023.4a</p>				
				<p>NTS</p>	<p>VP BUILDINGS VARCO PRUDEN A BlueScope Steel Company VPC VERSION: 2023.4a</p>				
				<p>1/31/2024</p>	<p>16:48:21</p>				
				<p>FILENAME: Duke Energy - Weld Shop</p>	<p>a division of BlueScope Buildings North America, Inc.</p>				

Wall Liner Schedule
 Id Qty Type Length Gage OP Finish Color Direction
 #5 10 DLN 8'-0" 26 1 K OW Left to Right
 Oper. Code:l=SQ,SQ
 Finish:K=KXL (Kynar)
 Color:OW=Cool Cotton White

Trim Schedule
 Id Parts
 T1 (3)LPJT
 T2 (2)LPJT

Color
 Match Wall Color WCV062,WLV013
 Match Wall Color WCV062,WLV014,WLV015



WALL LINER ELEVATION AT 4
 (View from inside Building)

Fastener Schedule
 Part Description
 0097584-102 (T-2) #12-14 x 1 1/4", 5/16" Hex Hd, SS Cap w/Washer
 0097581-102 (T-1) 1/4-14 x 7/8", 5/16" Hex Hd, SS Cap w/Washer

This document has been electronically signed and sealed by W. Jason Clymer, PE using my Digital Signature with PE seal affixed. Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copy.



PERMIT SET- For Building Dept. Approval

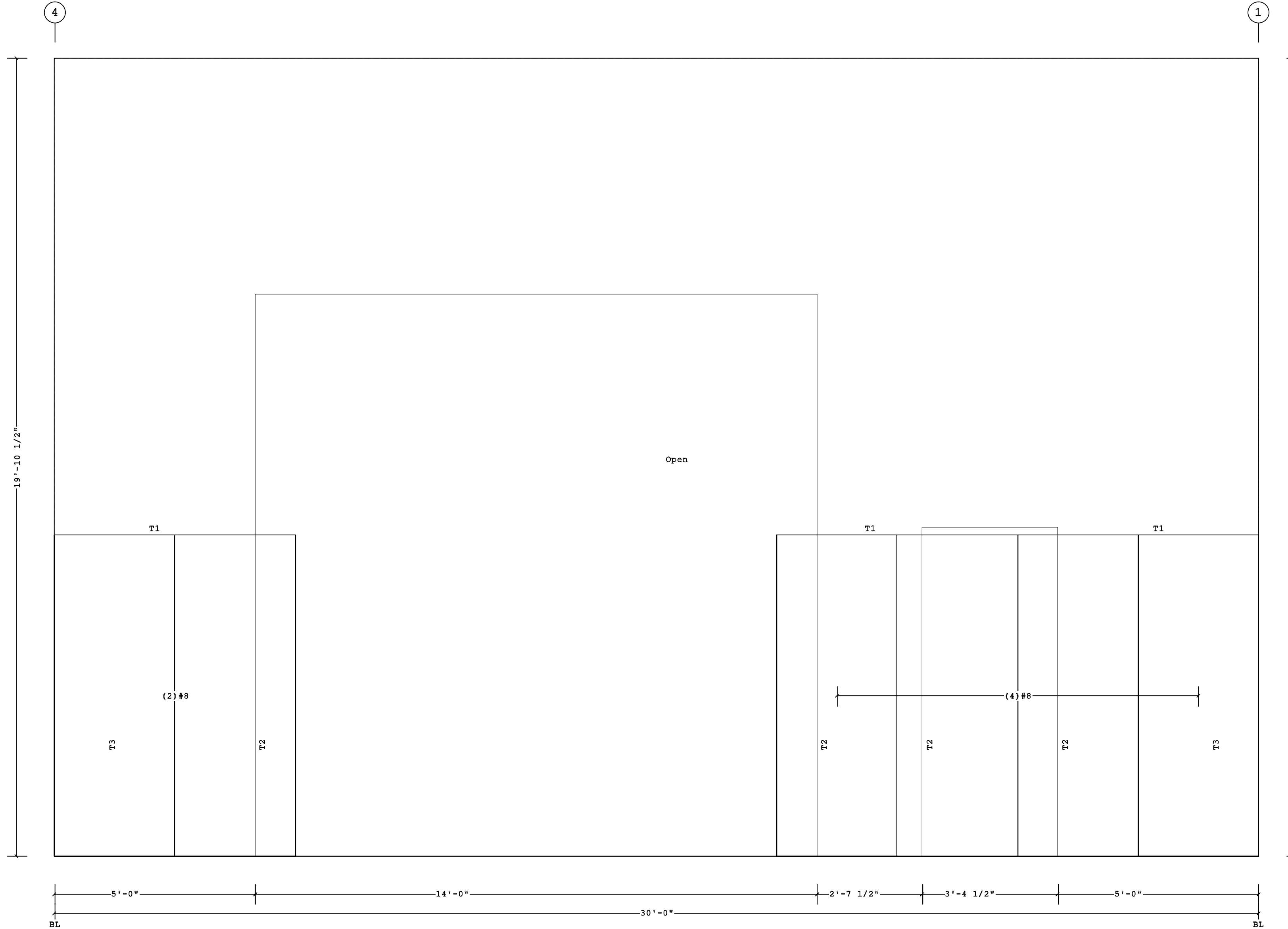
1. PRE-DRILLING 1/8 DIAMETER HOLES FOR STRUCTURAL FASTENERS MAY BE REQUIRED FOR HEAVY GAGE NESTED ZEE'S AND/OR FASTENERS TO STRUCTURAL BEAMS 2. STEEL PANELS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM. REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATION IS PROHIBITED. 3. DUE TO MANUFACTURING LIMITATIONS SHORT PANELS MAY REQUIRE FIELD CUTTING. SEE THE COVERING SCHEDULE FOR CUT LENGTHS. 4. SEE JOB DETAILS FOR COVERING AND TRIM FASTENER SPECIFICATION.	THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.	THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND MAY BE REPRODUCED ONLY FOR THAT PURPOSE. IT SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS. THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.	D VP Buildings 3200 Players Club Circle Memphis TN 38125	WALL LINER ELEVATION AT 4	
				REV DATE BY DESCRIPTION	BUILDER Lemartec Corporation CUSTOMER Duke Energy LOCATION Dunn, North Carolina PROJECT Duke Energy Dunn Operations Center - Weld Shop BUILDERS PO# 23068 - Weld Shop FILENAME: Duke Energy - Weld Shop

Wall Liner Schedule
 Id Qty Type Length Gage OP Finish Color Direction
 #8 6 DLN 8'-0" 26 1 K OW Left to Right
 Oper. Code:l=SQ,SQ
 Finish:K=KXL (Kynar)
 Color:OW=Cool Cotton White

Trim Schedule
 Id Parts
 T1 LPJT
 T2 (0.7)LPJT
 T3 (2)LPJT

Color
 Match Wall Color WCV062,WLV013
 Match Wall Color WCV062,WLV007
 Match Wall Color WLV015

Details
 WCV062,WLV013
 WCV062,WLV007
 WLV015



WALL LINER ELEVATION AT B
 (View from inside Building)

Fastener Schedule

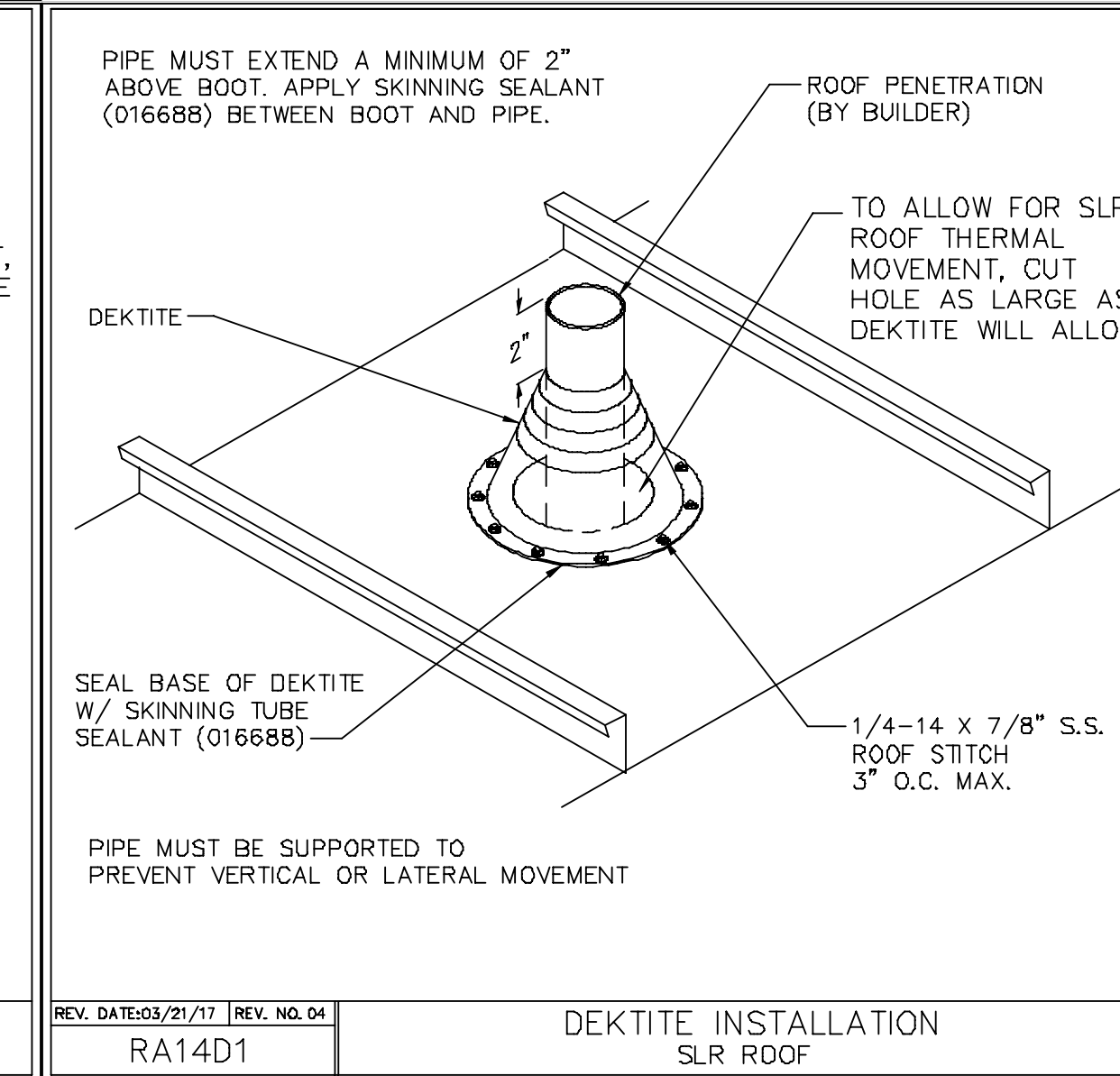
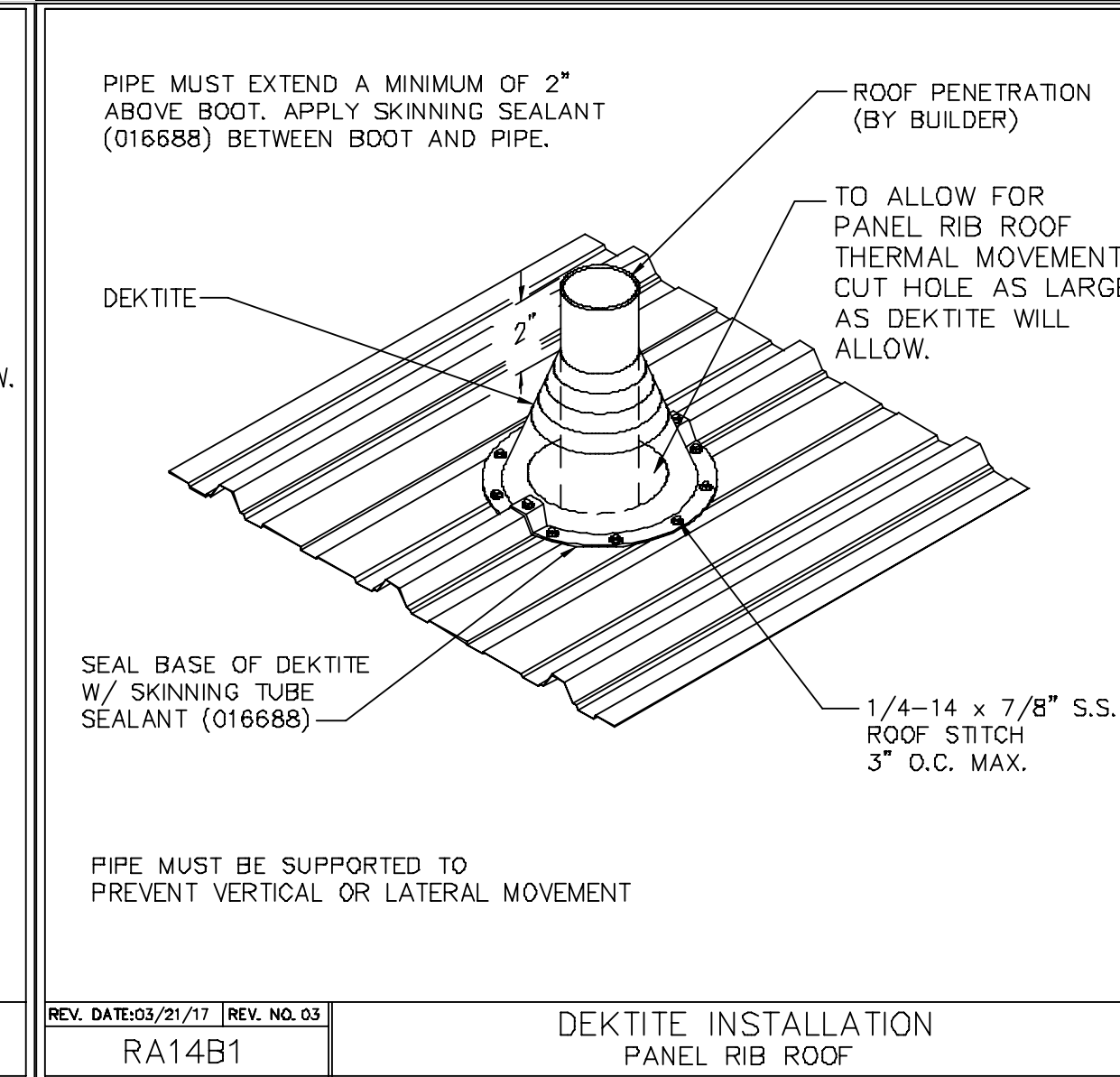
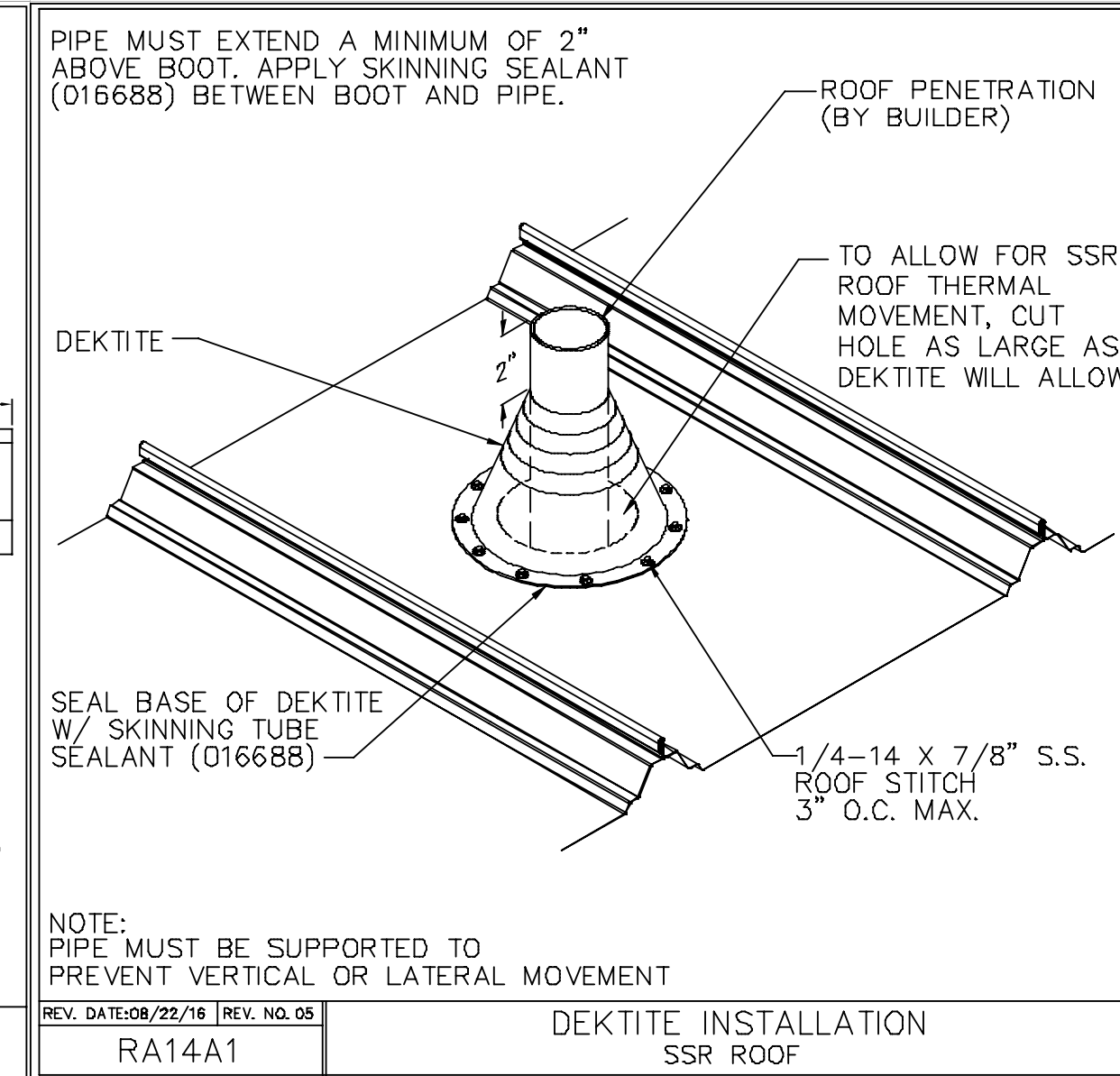
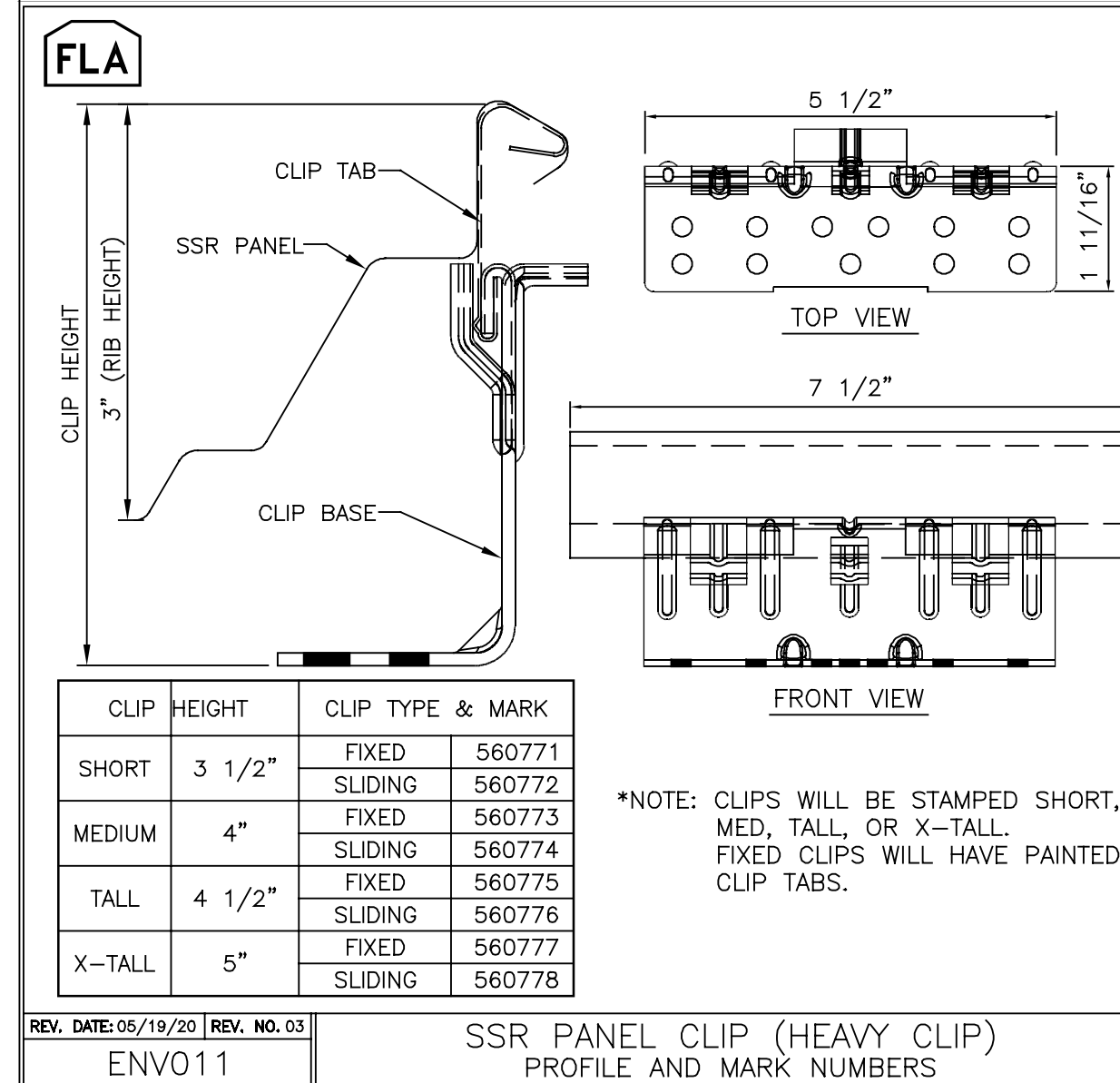
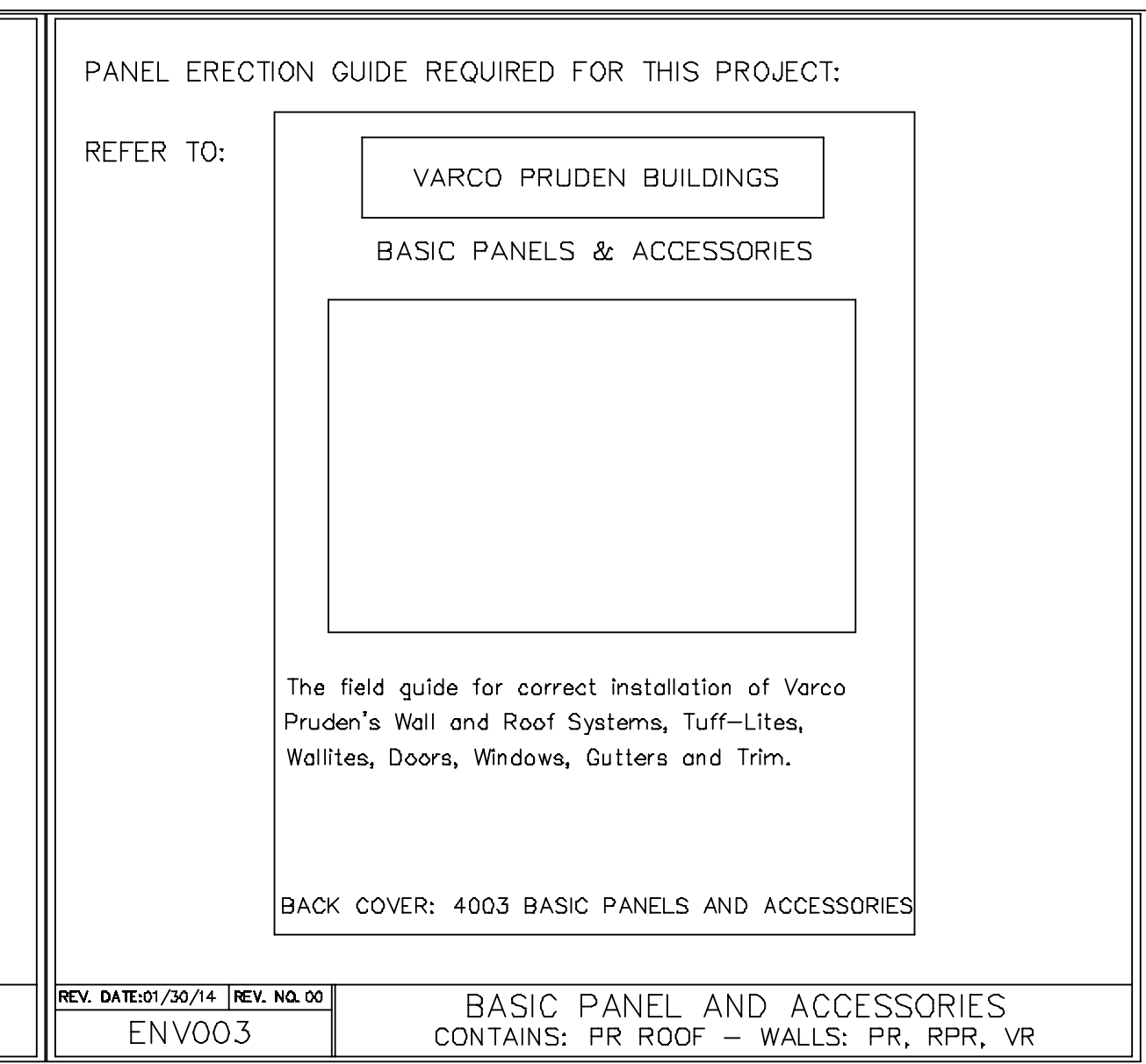
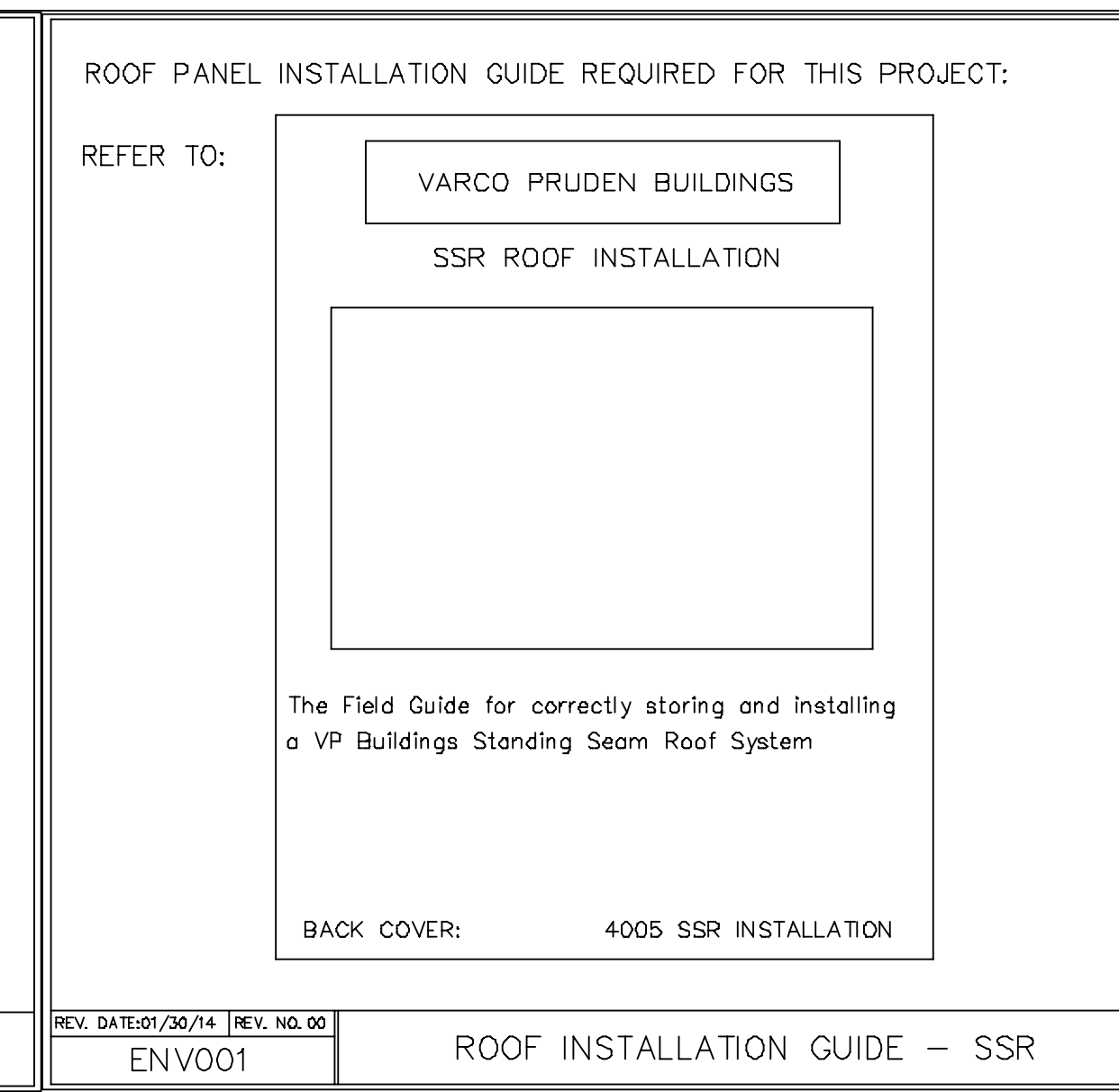
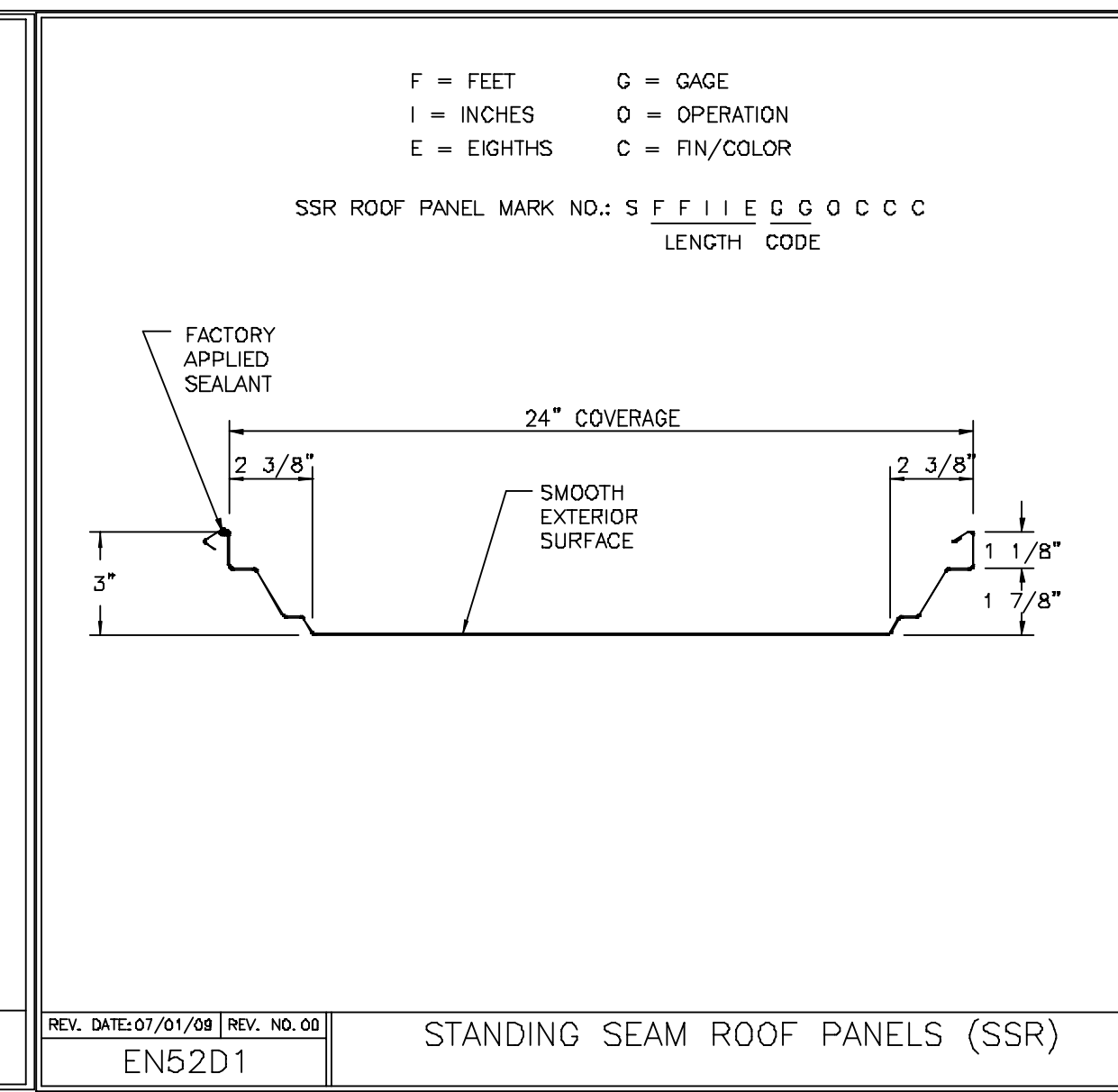
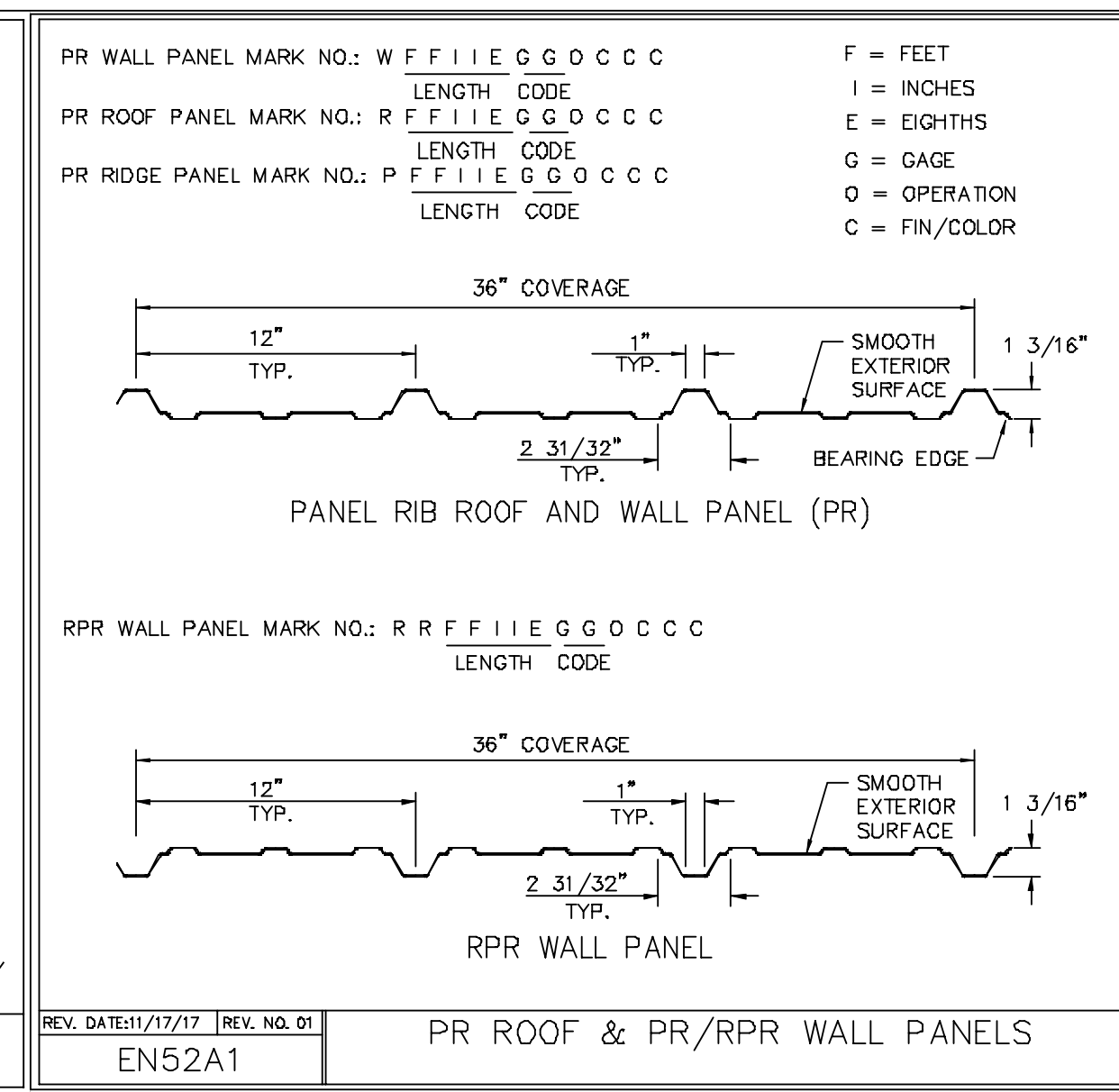
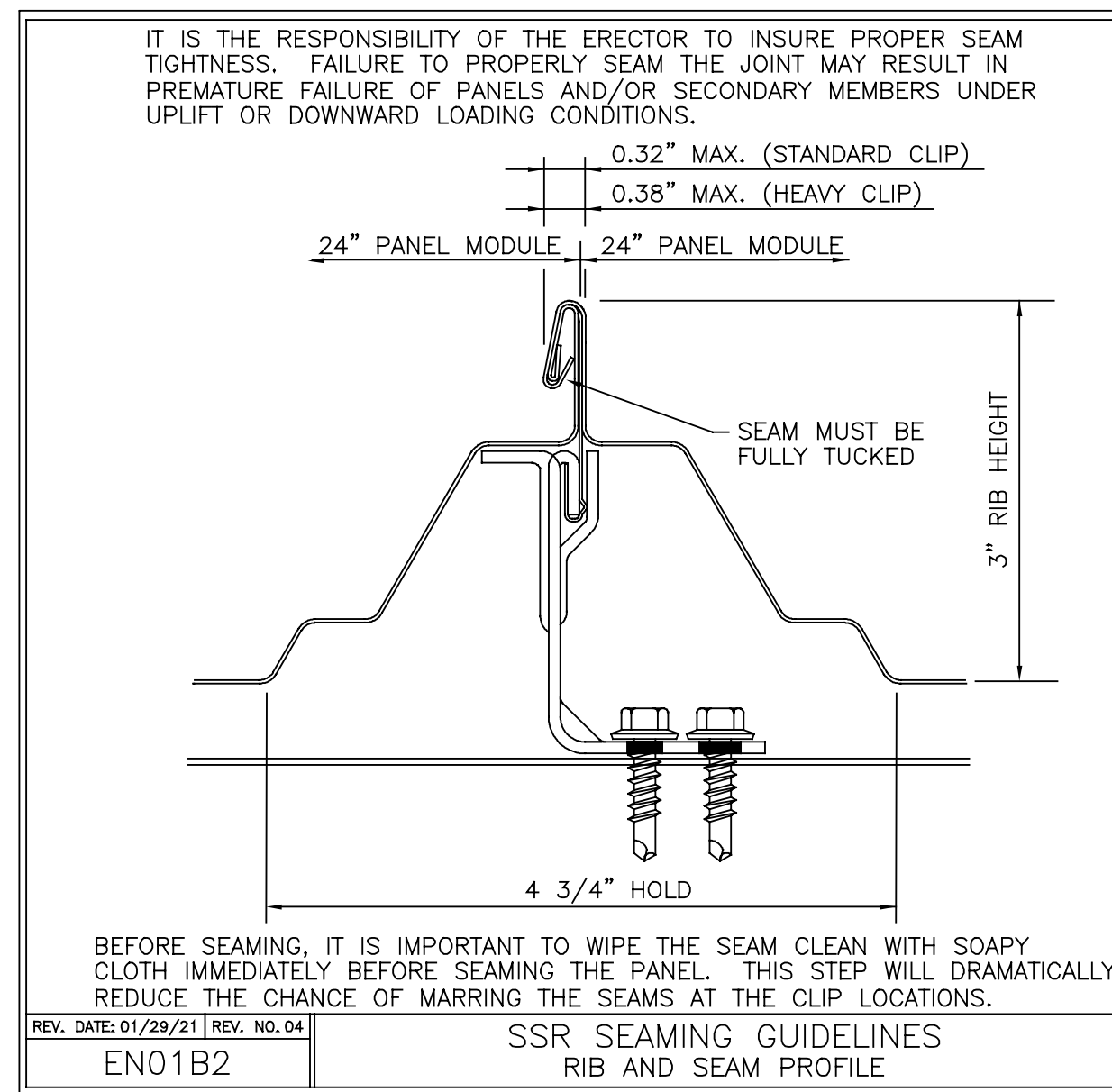
Part	Description
0097584-102	(T-2) #12-14 x 1 1/4", 5/16" Hex Hd, SS Cap w/Washer
0097581-102	(T-1) 1/4-14 x 7/8", 5/16" Hex Hd, SS Cap w/Washer

This document has been electronically signed and sealed by W. Jason Clymer, PE using my Digital Signature with PE seal affixed. Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copy.



PERMIT SET- For Building Dept. Approval

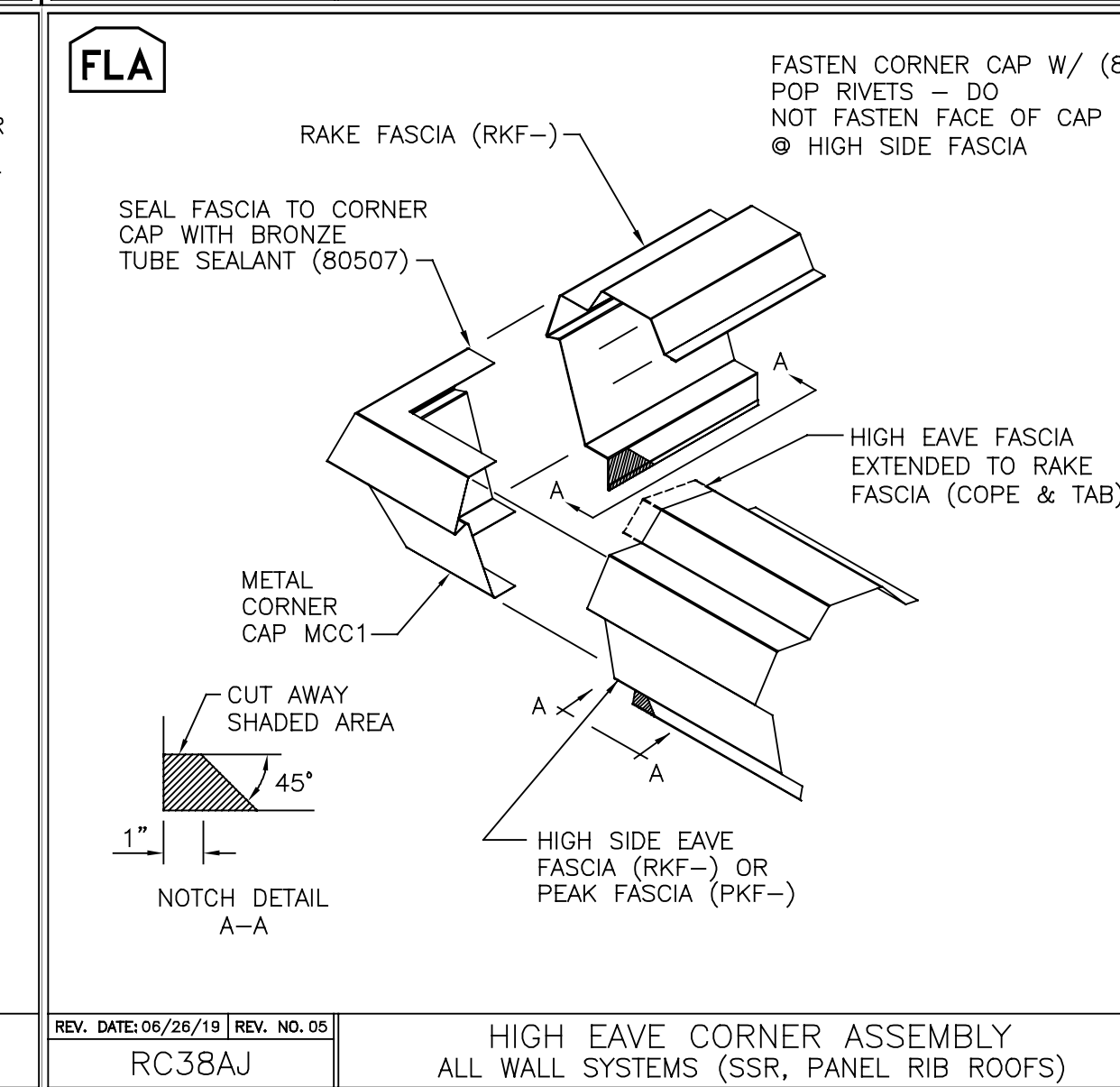
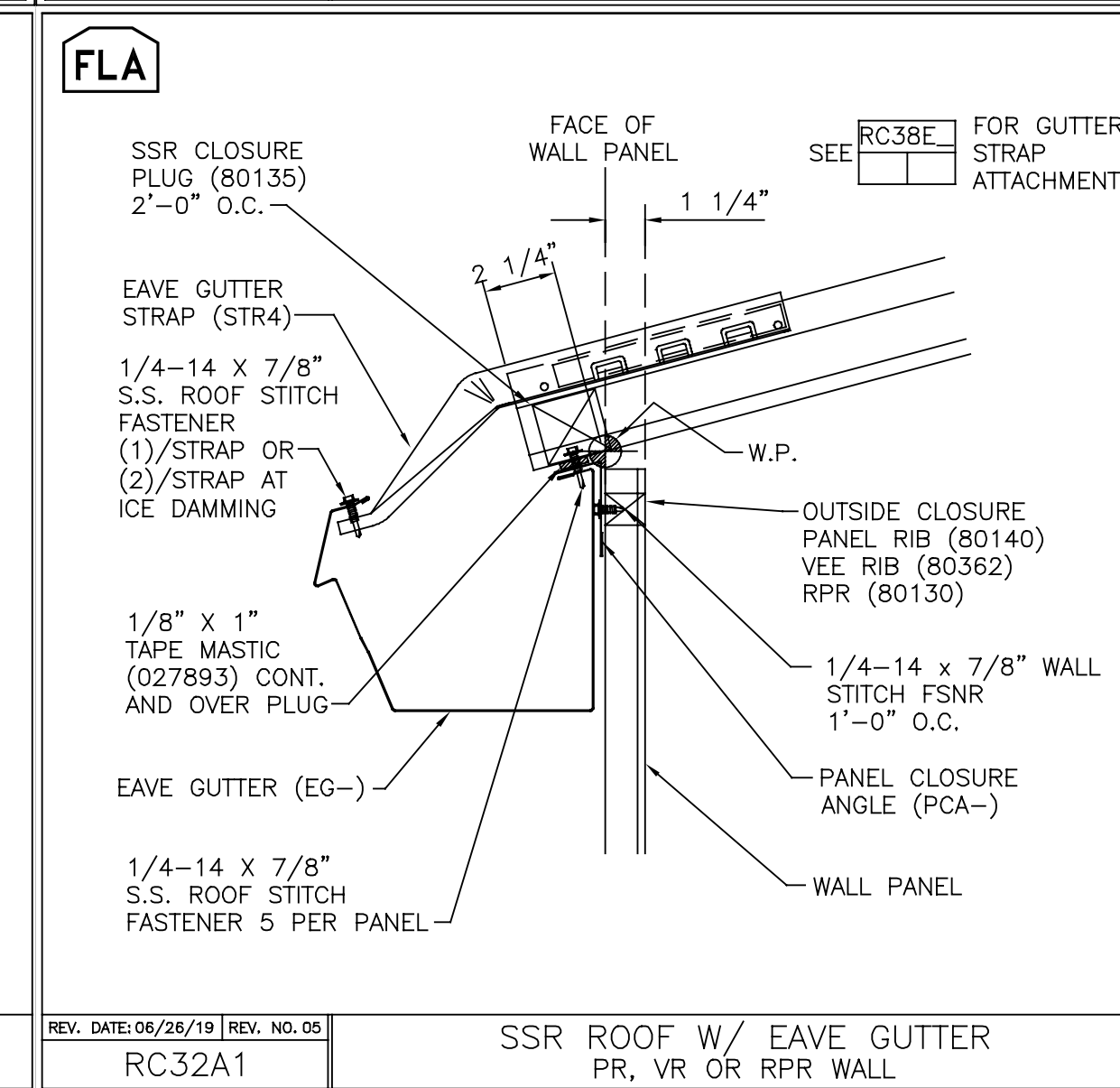
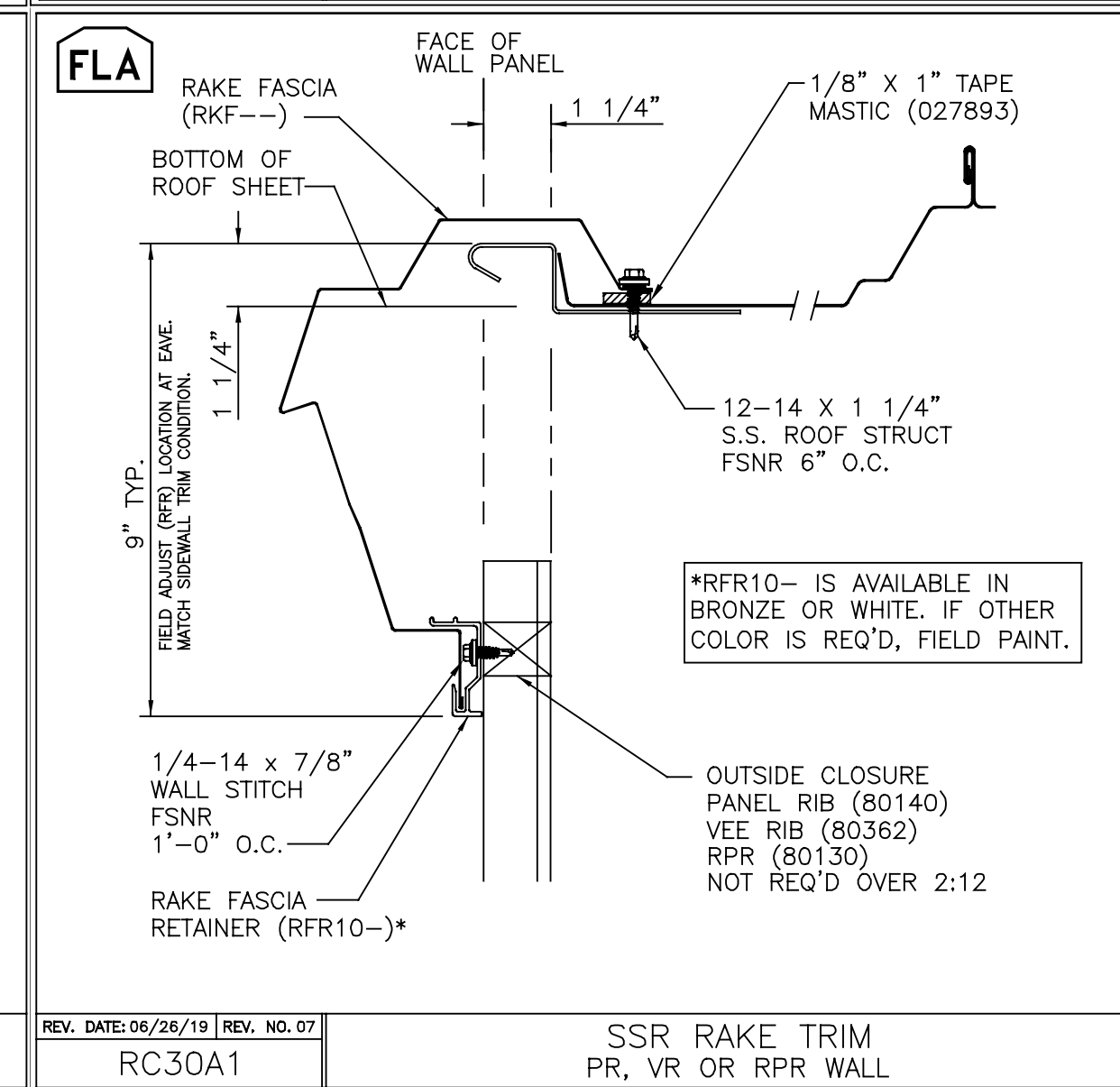
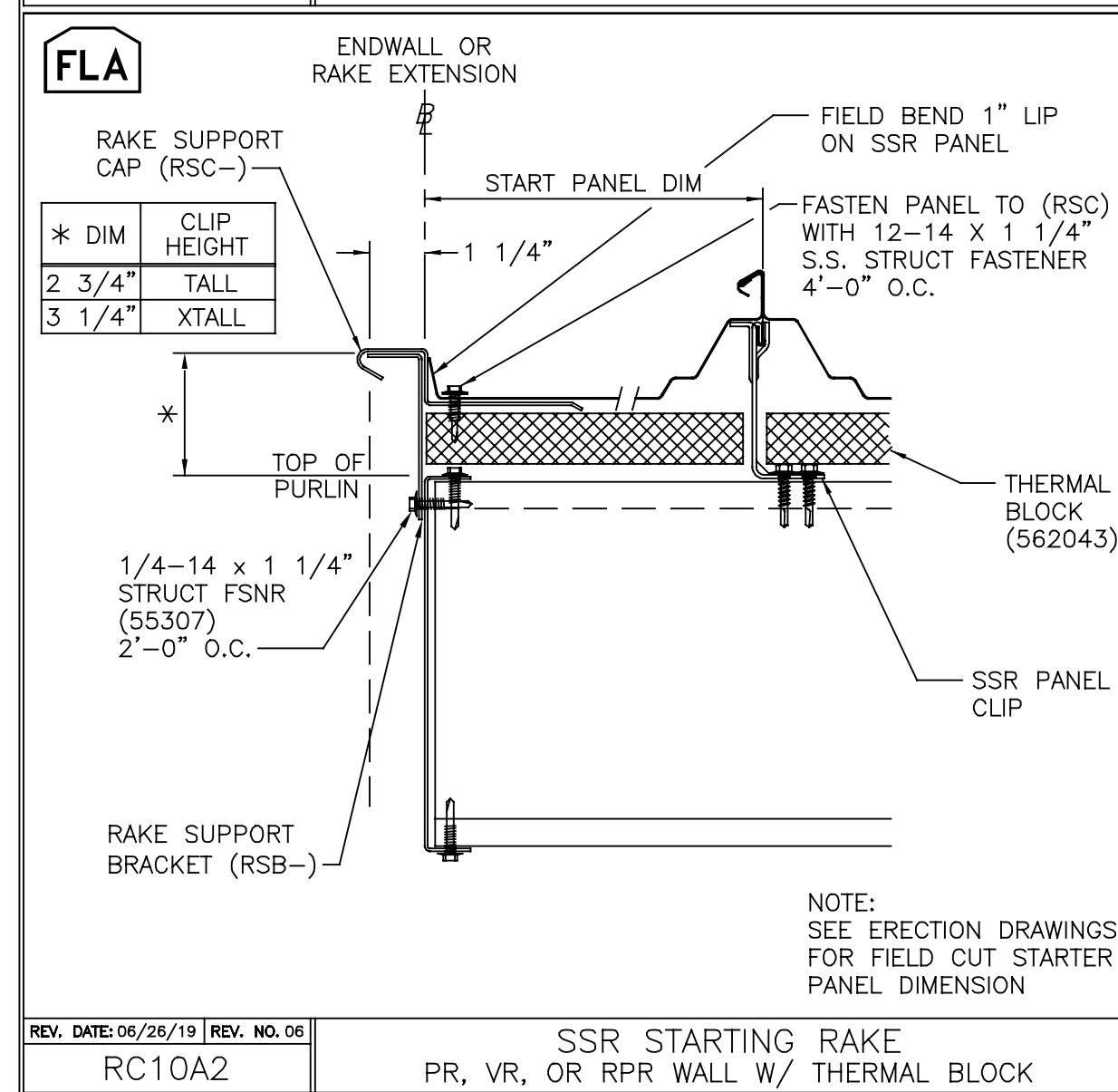
<p>1. PRE-DRILLING 1/8 DIAMETER HOLES FOR STRUCTURAL FASTENERS MAY BE REQUIRED FOR HEAVY GAGE NESTED ZEE'S AND/OR FASTENERS TO STRUCTURAL BEAMS</p> <p>2. STEEL PANELS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM. REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.</p> <p>3. DUE TO MANUFACTURING LIMITATIONS SHORT PANELS MAY REQUIRE FIELD CUTTING. SEE THE COVERING SCHEDULE FOR CUT LENGTHS.</p> <p>4. SEE JOB DETAILS FOR COVERING AND TRIM FASTENER SPECIFICATION.</p>	<p>THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.</p>	<p>THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND MAY BE REPRODUCED ONLY FOR THAT PURPOSE. IT SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS.</p> <p>THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.</p>	<p>D</p> <p>VP Buildings 3200 Players Club Circle Memphis TN 38125</p>	<p>WALL LINER ELEVATION AT B</p>					
				<p>REV</p>	<p>DATE</p>	<p>BY</p>	<p>DESCRIPTION</p>	<p>BUILDER Lemartec Corporation</p>	<p>JOBNO 23-016000-01</p>
				<p>PROJECT Duke Energy Dunn Operations Center - Weld Shop</p>	<p>BUILDERS PO# 23068 - Weld Shop</p>	<p>LOCATION Dunn, North Carolina</p>	<p>CUSTOMER Duke Energy</p>	<p>DATE 01/31/2024</p>	<p>DRAWN/CHECK MB WJC</p>
				<p>NTS</p>	<p>VP VERSION: 2023.4a</p>	<p>VP BUILDINGS VARCO PRUDEN A BlueScope Steel Company</p>	<p>FILENAME: Duke Energy - Weld Shop</p>	<p>PAGE 27</p>	<p>a division of BlueScope Buildings North America, Inc.</p>



NOTES

- STANDARD ERECTION DETAILS (SED) SUPERSEDE SIMILAR DETAILS FOUND IN THE ERECTION GUIDES. REFER TO THE ERECTION GUIDES FOR OTHER DETAILS, INSTALLATION PROCEDURES AND ACCESSORIES NOT DESCRIBED IN THE SED'S.
- ALL PANEL AND TRIM SURFACES MUST BE FREE OF DIRT AND OIL AT MASTIC AND SEALANT LOCATIONS.

REV. DATE: 07/01/09 | REV. NO. 00
RC00A1



PERMIT SET- For Building Dept. Approval

This document has been electronically signed and sealed by W. Jason Clymer, PE using my Digital Signature with PE seal affixed. Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copy.

W. Jason Clymer
PE
040258
02/01/2024

THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.

THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND MAY BE REPRODUCED ONLY FOR THAT PURPOSE. IT SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS.

THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.

REV	DATE	BY	DESCRIPTION

VP Buildings
3200 Players Club Circle Memphis TN 38125

NTS

1/31/2024 SEDSheet 16:48:23

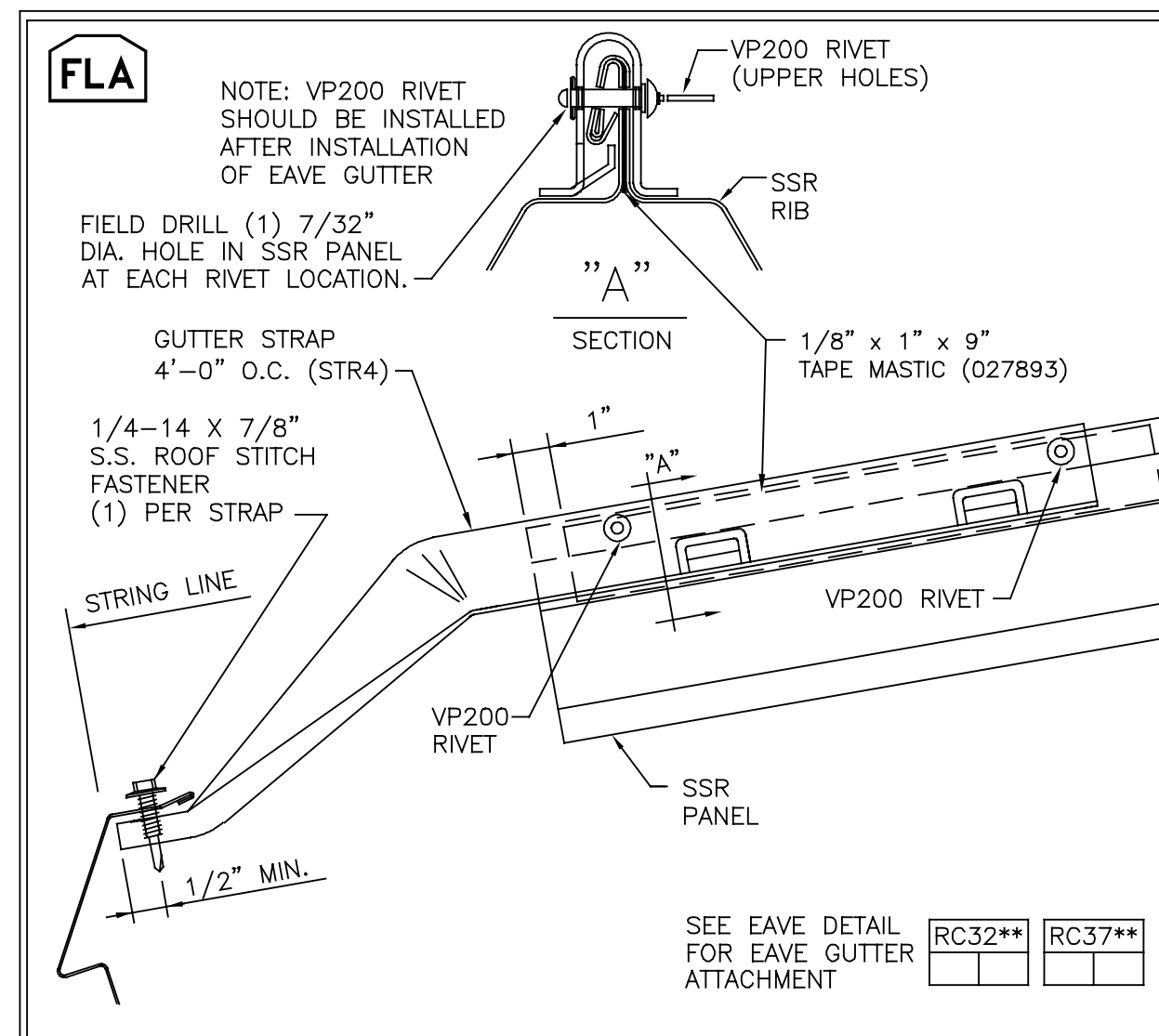
COVERING & TRIM SED'S (a)	
BUILDER	Lemartec Corporation
CUSTOMER	Duke Energy
LOCATION	Dunn, North Carolina
PROJECT	Duke Energy Dunn Operations Center - Weld Shop
BUILDERS PO#	23068 - Weld Shop
FILENAME:	Duke Energy - Weld Shop

JOBNO	23-016000-01
DATE	01/31/2024
DRAWING CHECK	MB WJC
PAGE	28

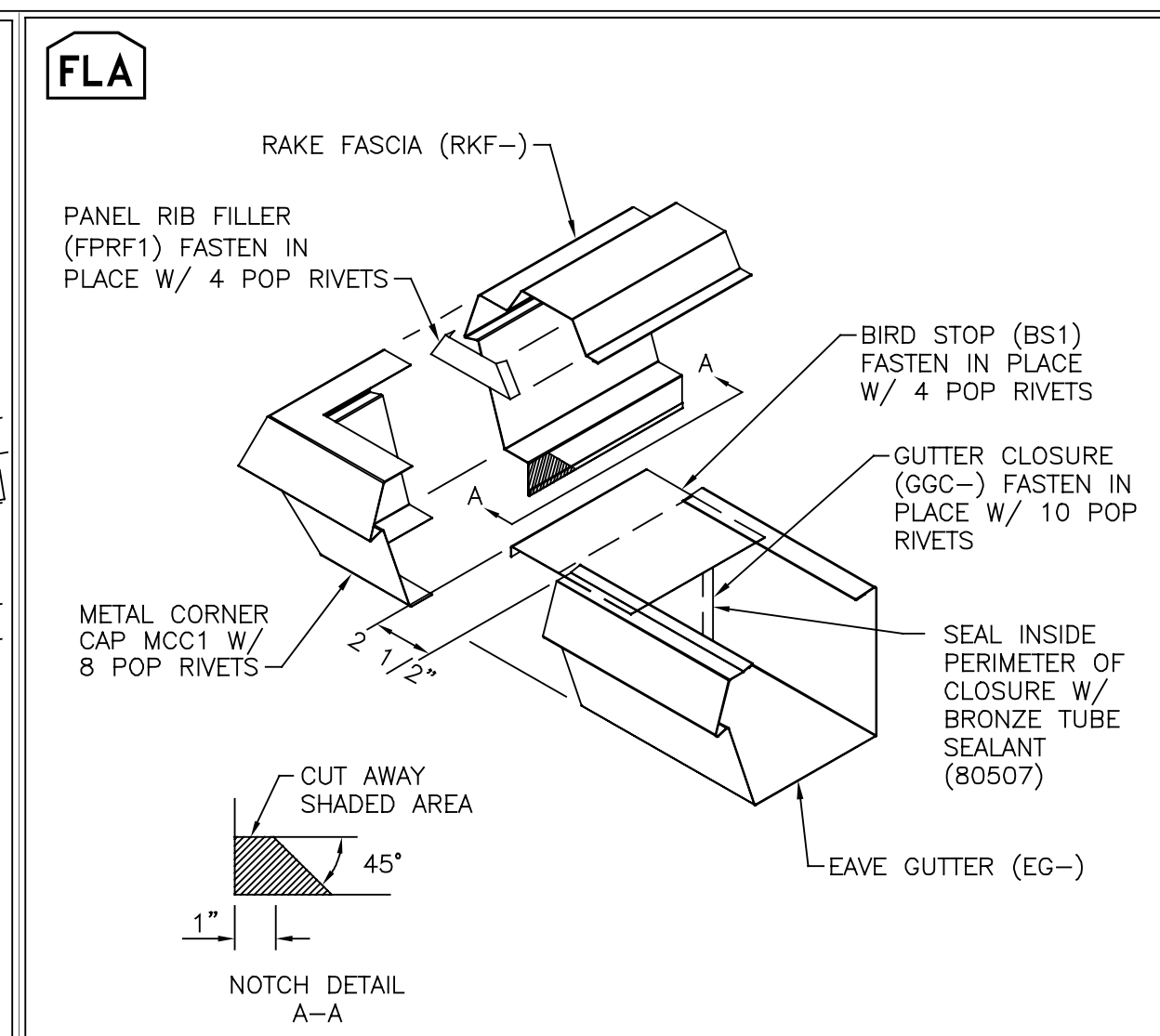
VP BUILDINGS
VARCO PRUDEN
A BlueScope Steel Company

BlueScope Steel Company
VPC VERSION: 2023.4a

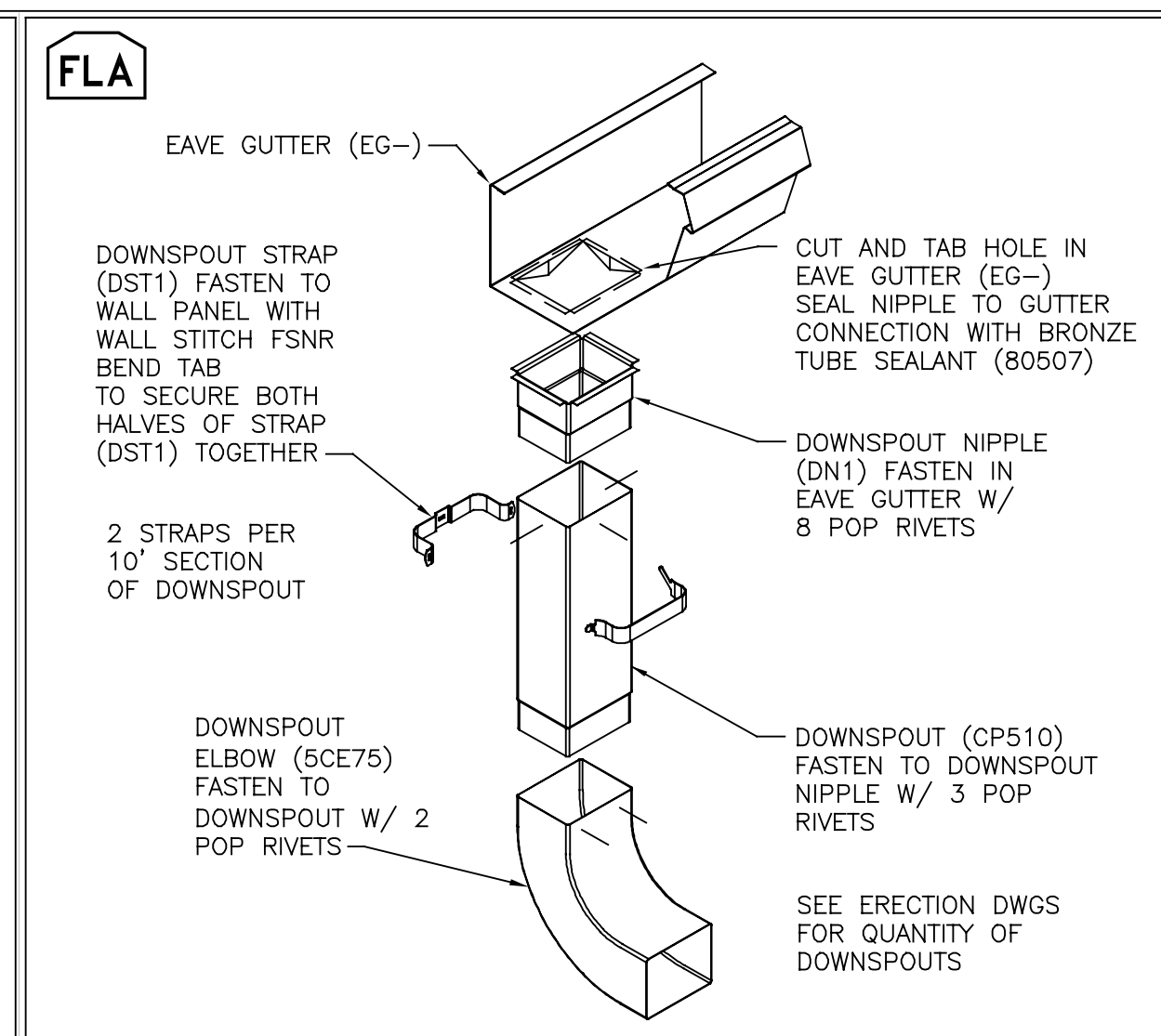
a division of BlueScope Buildings North America, Inc.



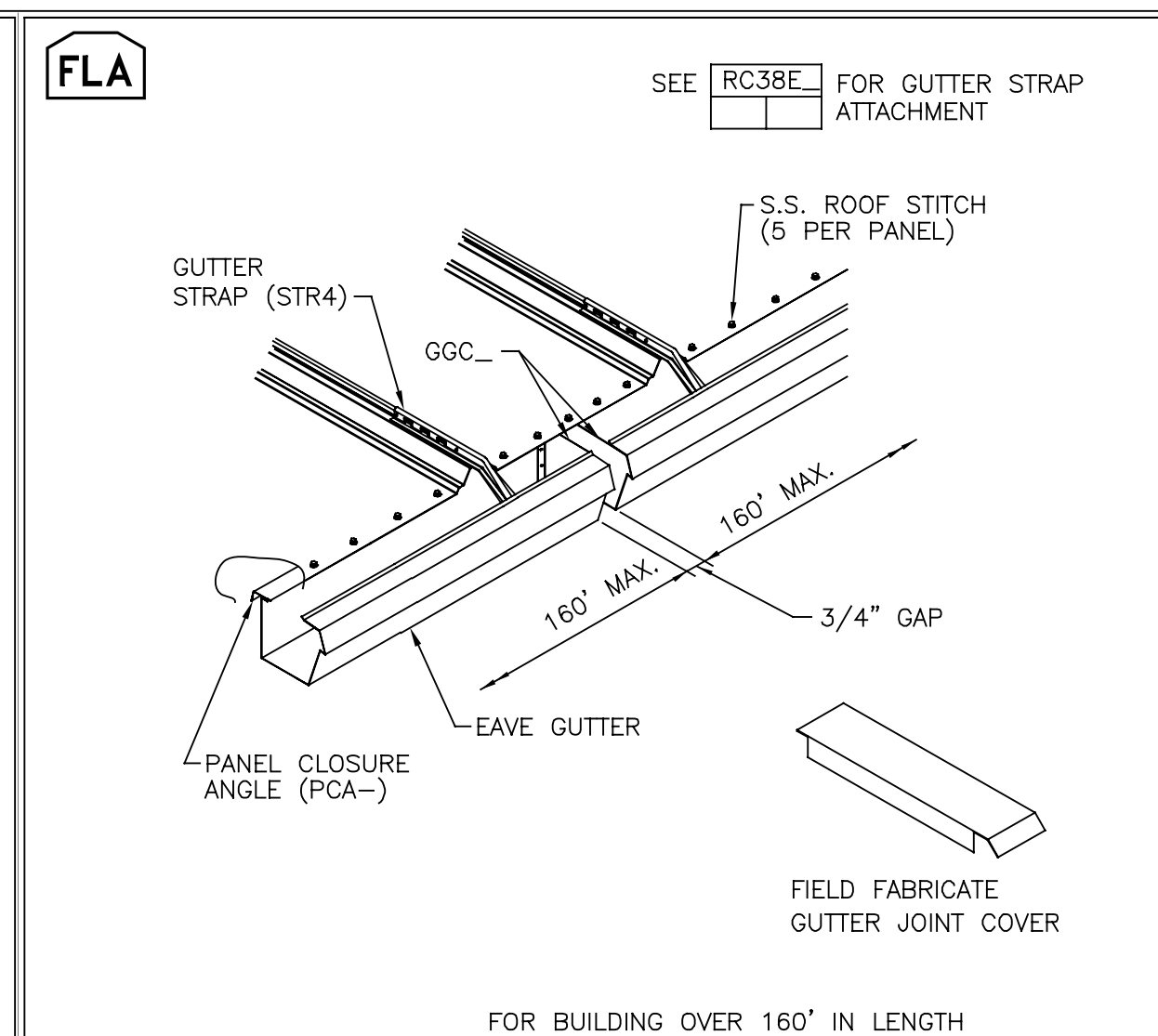
REV. DATE: 03/23/21 | REV. NO. 06
RC38E1 | GUTTER STRAP ATTACHMENT
 SSR ROOF (NON-ICE DAMMING)



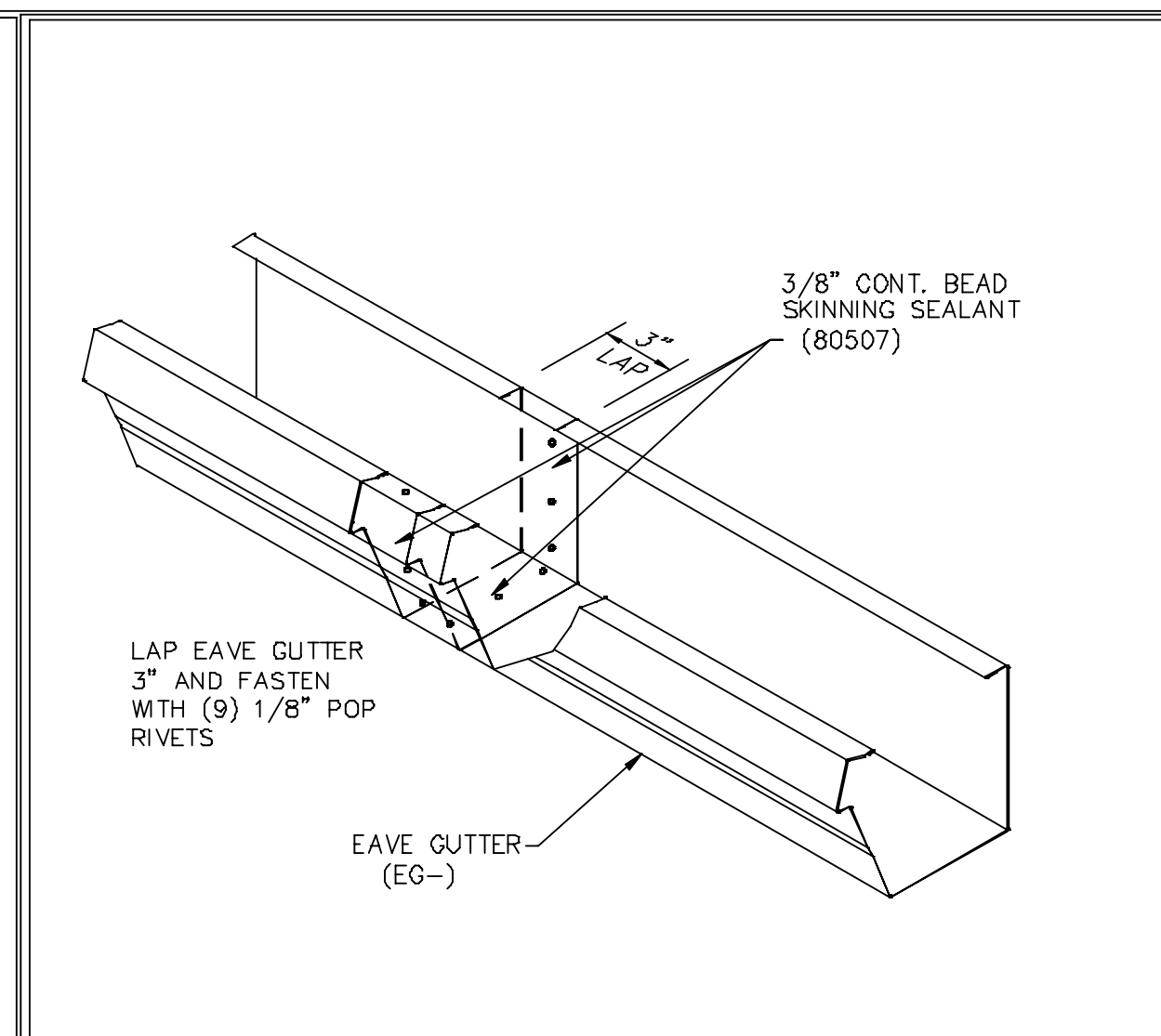
REV. DATE: 06/26/19 | REV. NO. 04
RC38N1 | EAVE GUTTER CORNER ASSEMBLY
 ALL SYSTEMS



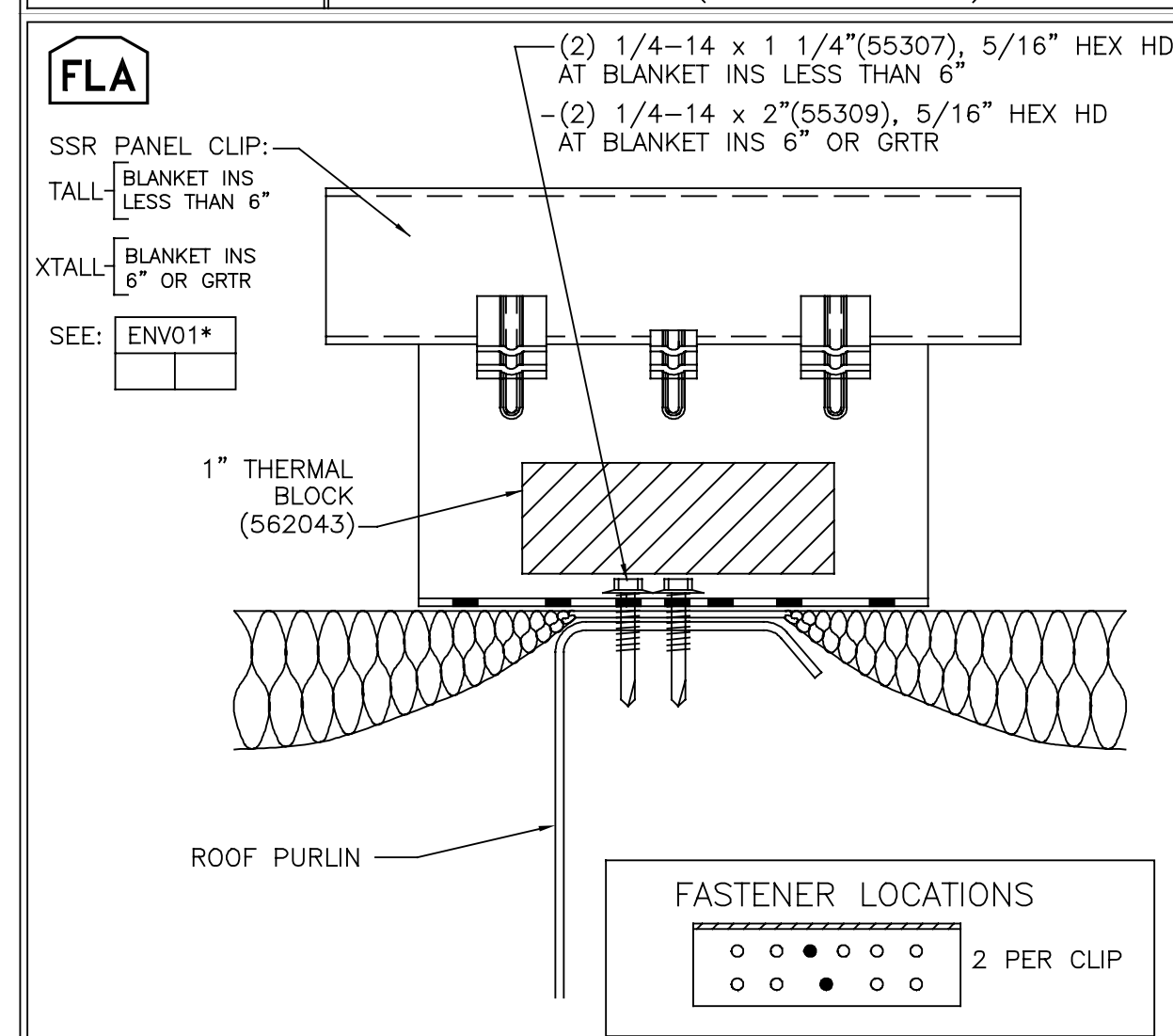
REV. DATE: 06/26/19 | REV. NO. 04
RC38P1 | DOWNSPOUT ASSEMBLY
 ALL SYSTEMS



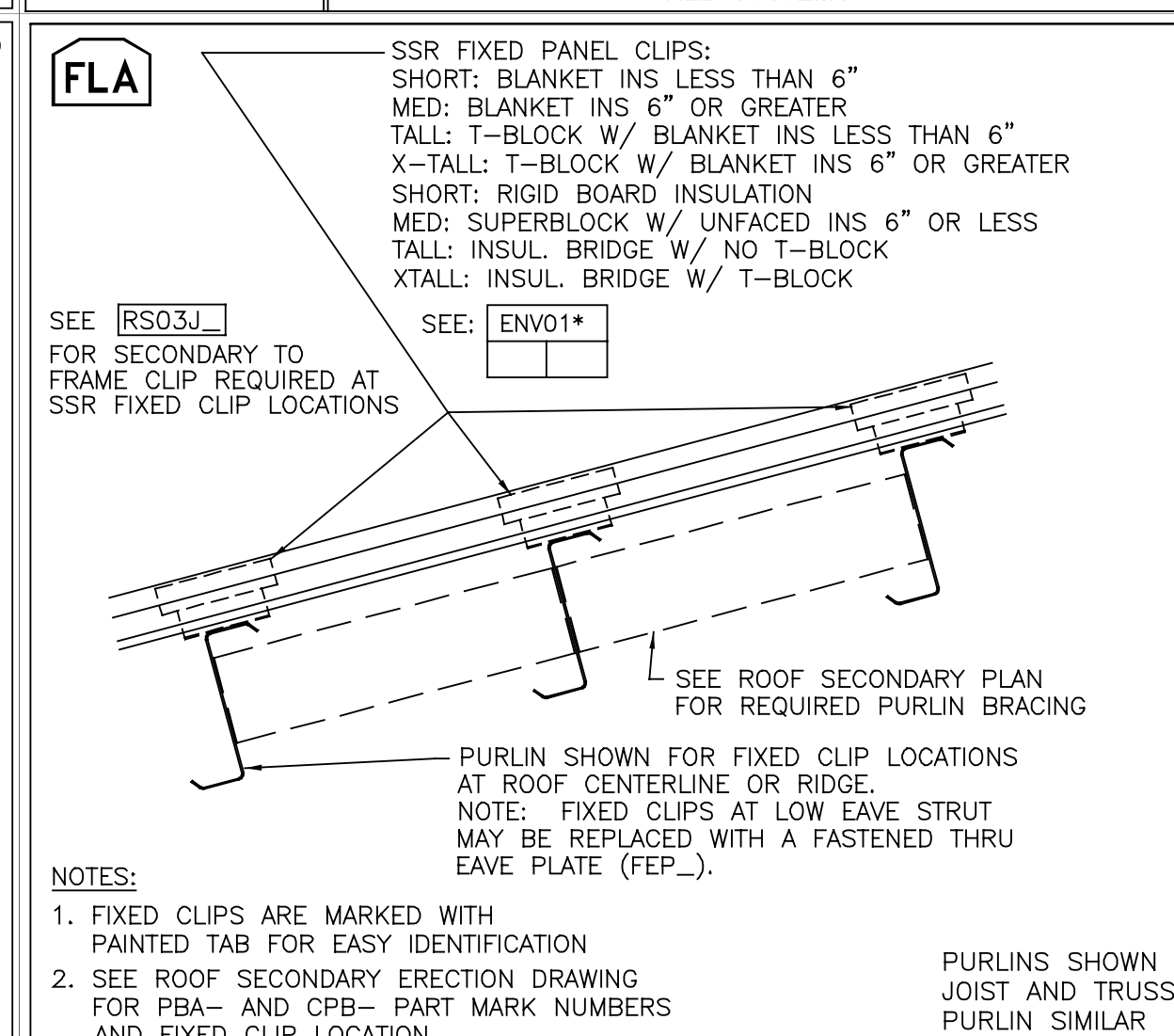
REV. DATE: 06/26/19 | REV. NO. 01
RC61A6 | SSR EAVE GUTTER EXPANSION JOINT
 FOR BUILDING OVER 160' IN LENGTH



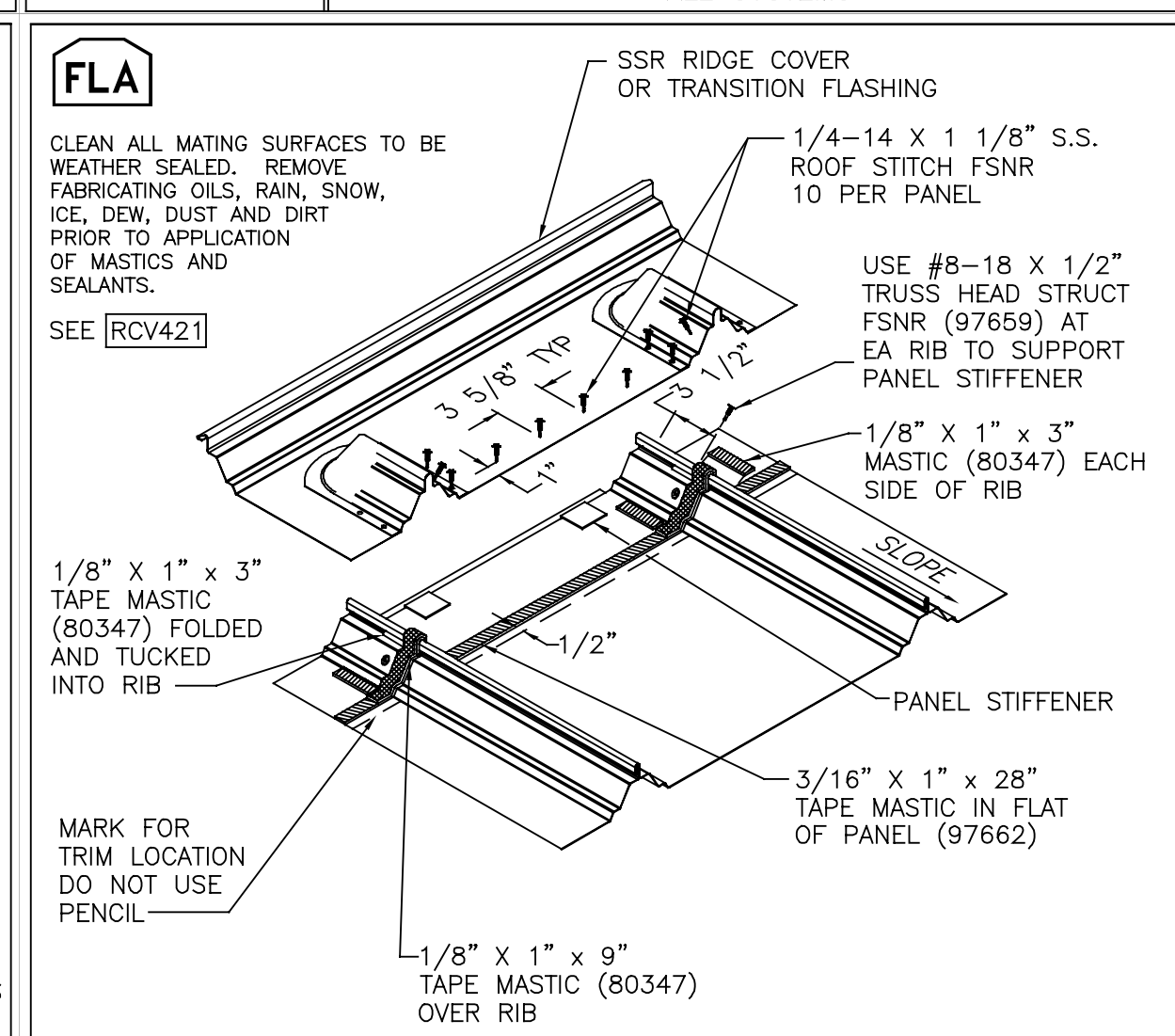
REV. DATE: 03/15 | REV. NO. 00
RCV324 | TRIM SPLICES
 EAVE GUTTER SPLICE



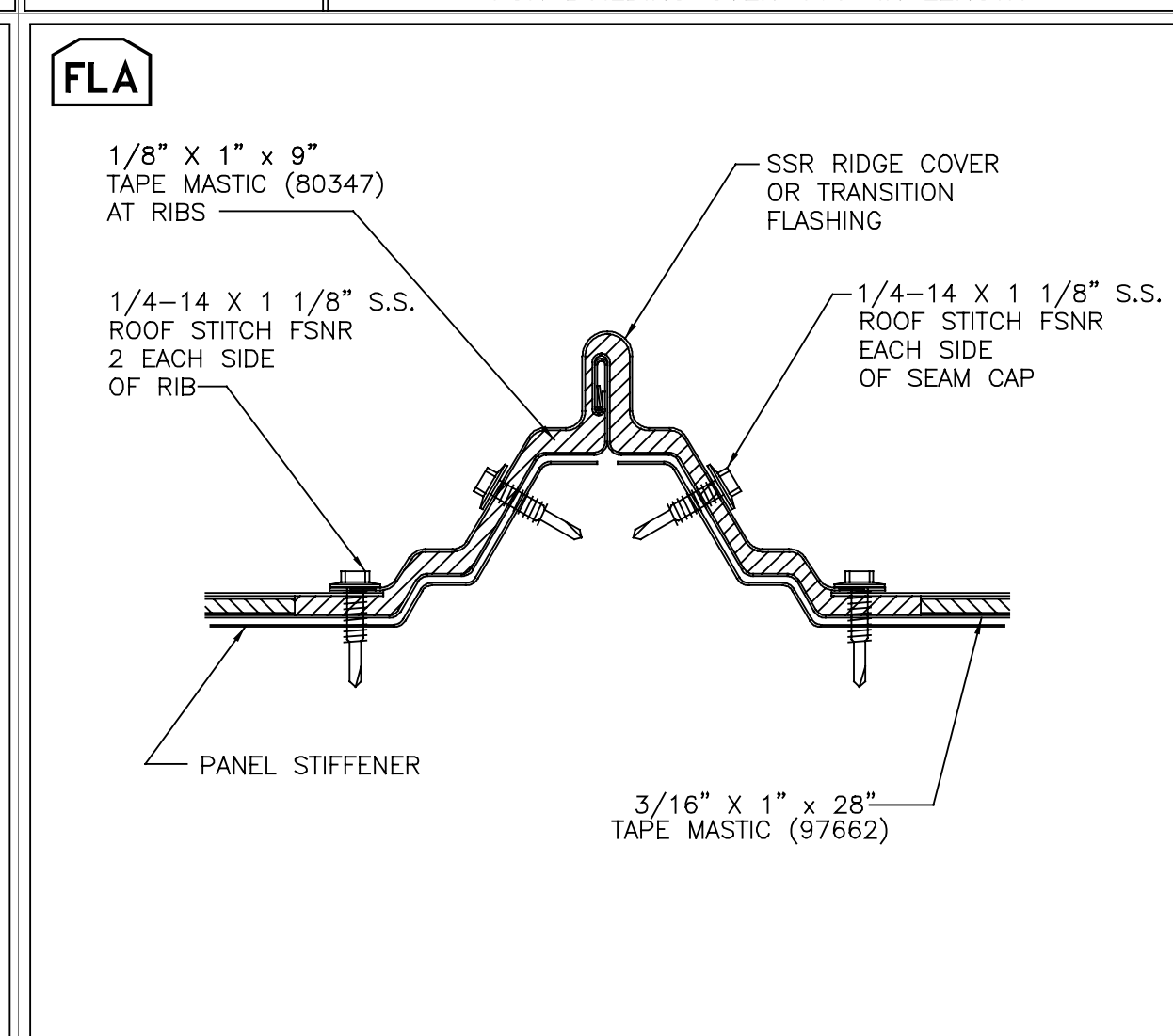
REV. DATE: 05/19/20 | REV. NO. 04
RCV326 | SSR PANEL CLIP ATTACHMENT
 THERMAL BLOCK INSULATION ON PURLINS



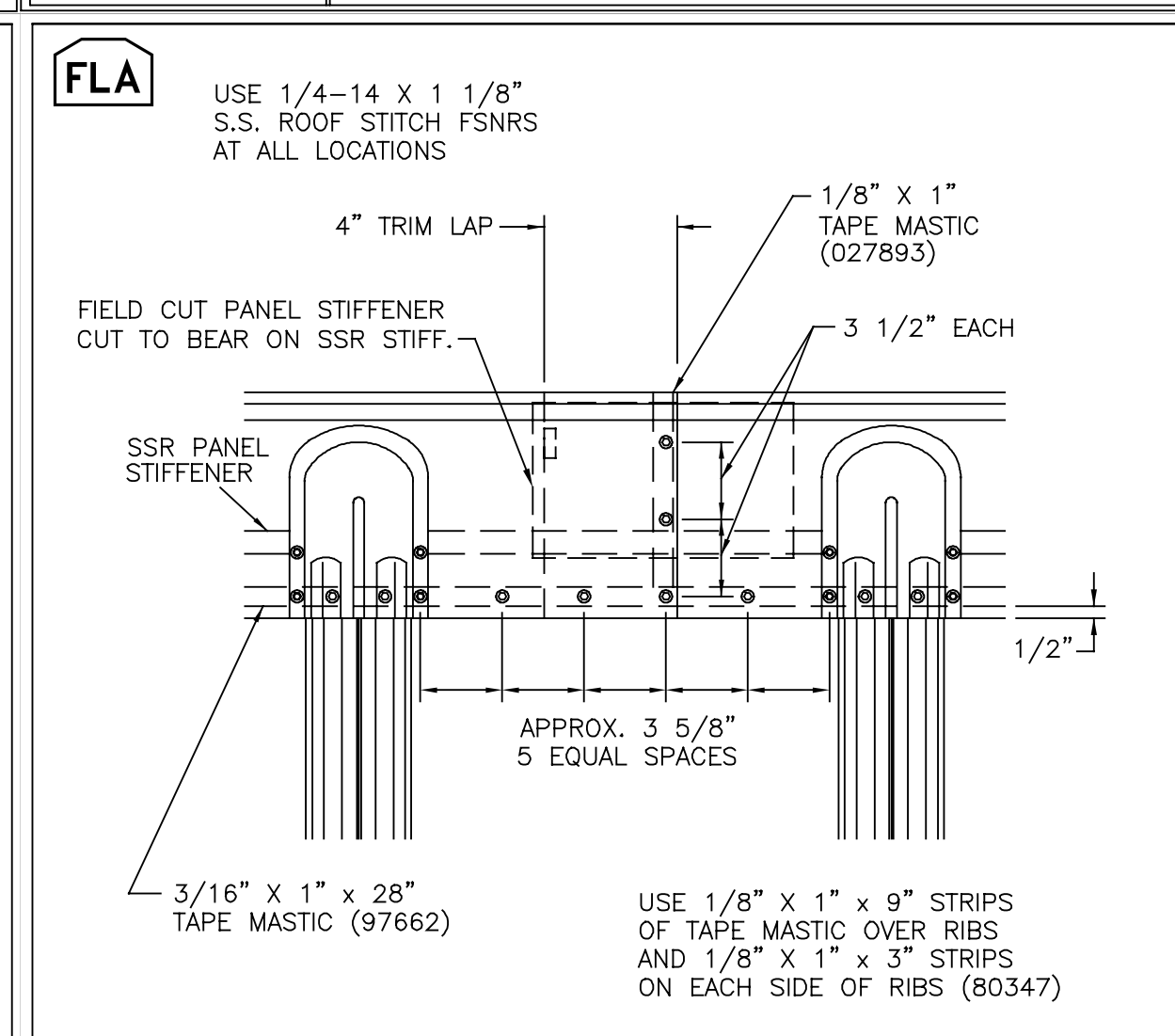
REV. DATE: 05/21/20 | REV. NO. 05
RCV353 | SSR FIXED PANEL CLIP
 BLANKET, T-BLOCK, S-BLOCK, R-BOARD, & BRIDGE



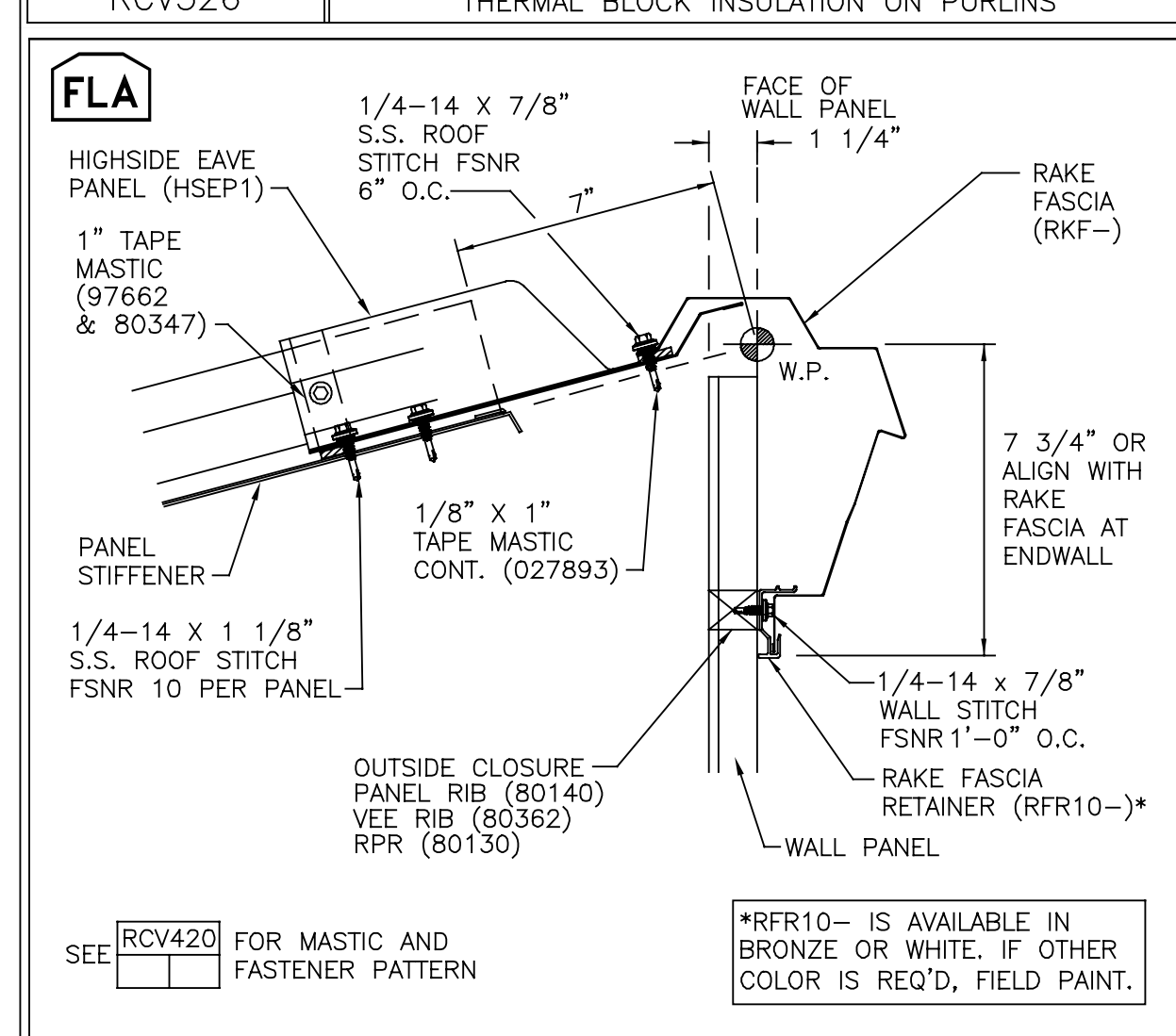
REV. DATE: 05/11/22 | REV. NO. 05
RCV420 | SSR RIDGE/TRANSITION FLASHING
 FASTENER AND MASTIC PATTERN



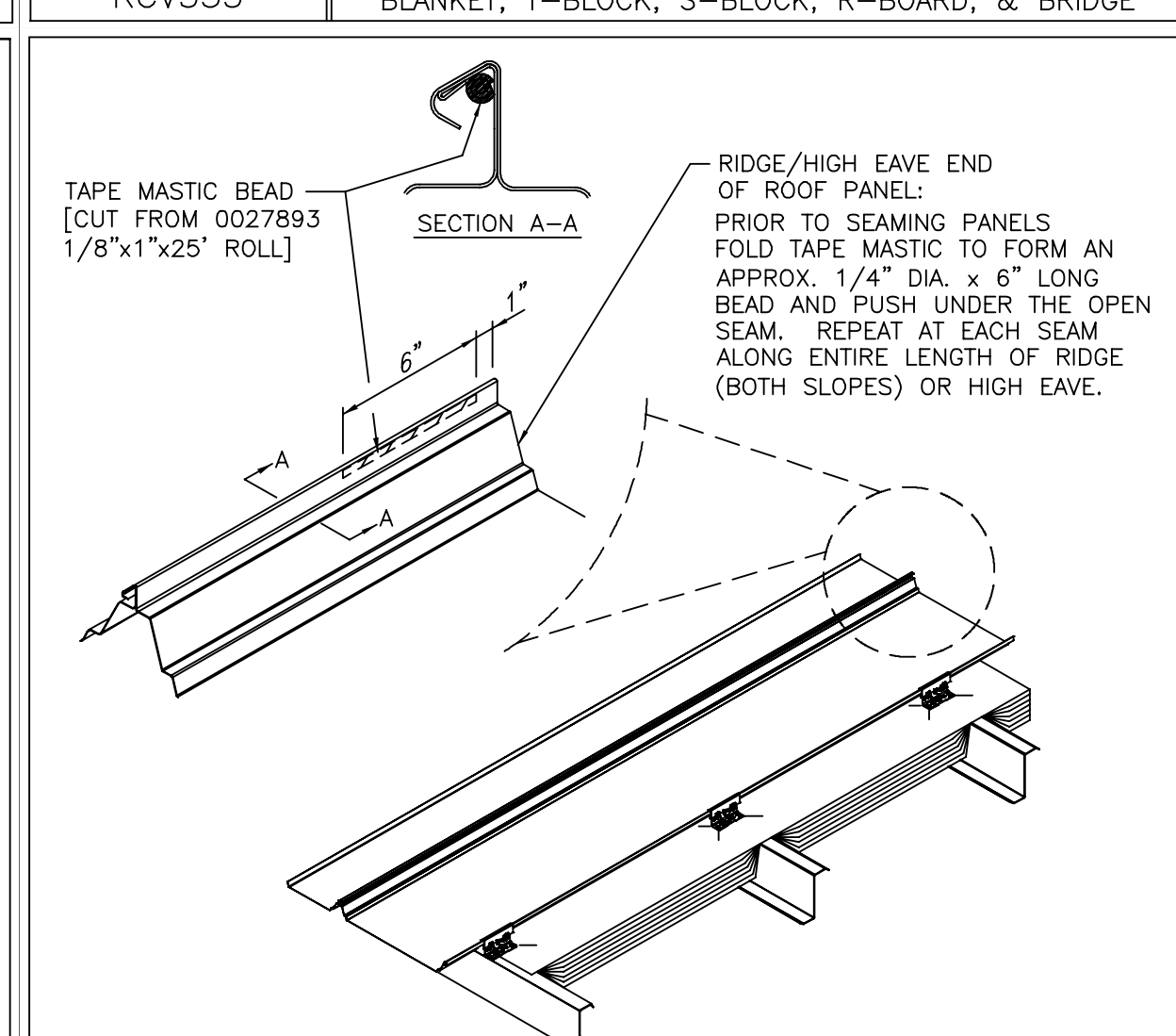
REV. DATE: 05/11/22 | REV. NO. 04
RCV421 | SSR SEAM CAP AT HIGH RIB
 SSR RIDGE/TRANSITION (FLEXIBLE OR METAL)



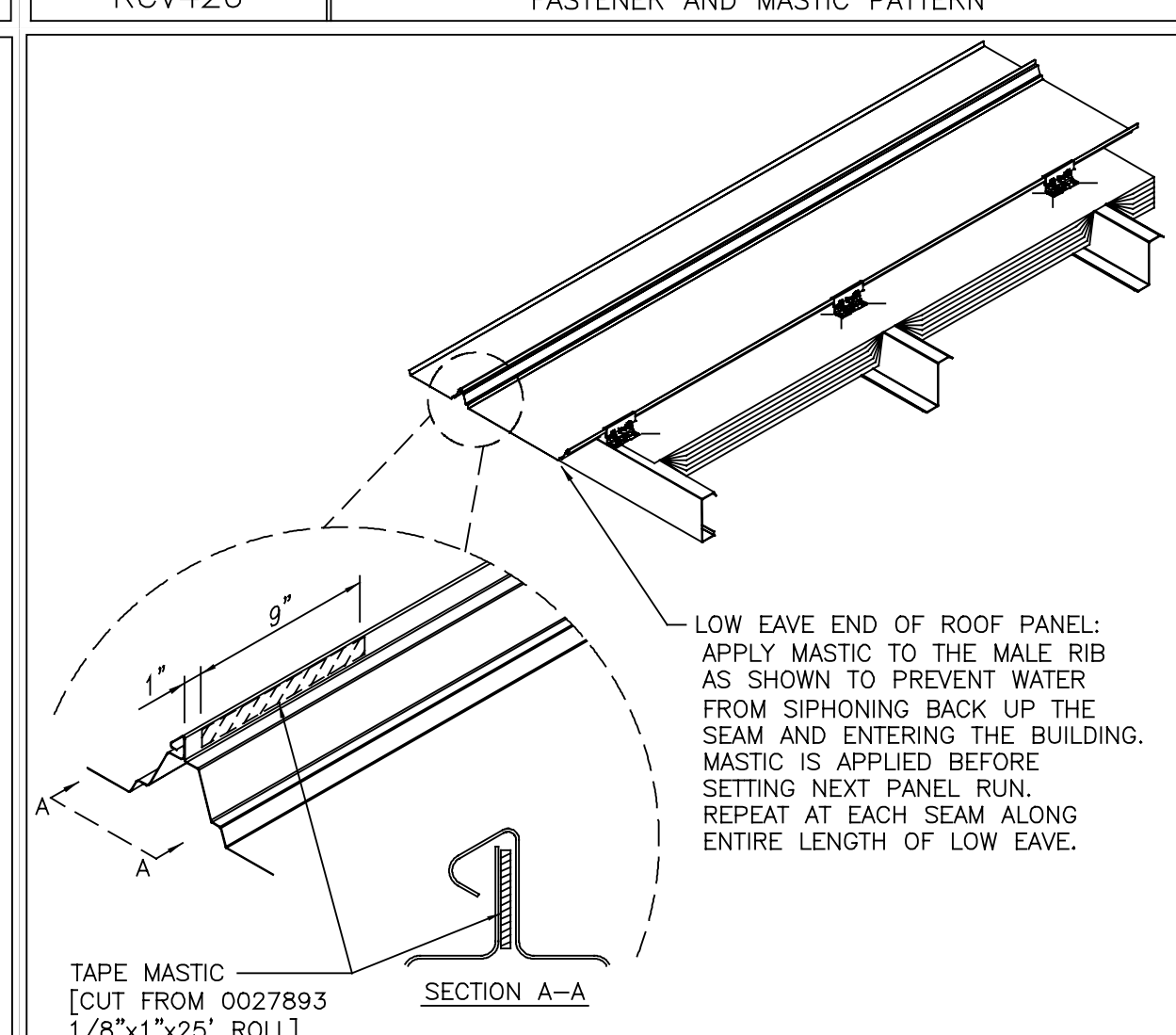
REV. DATE: 05/11/22 | REV. NO. 05
RCV422 | SSR SEAM CAP AT HIGH RIB
 SSR AT STEPPED ROOF (FLEXIBLE OR METAL)



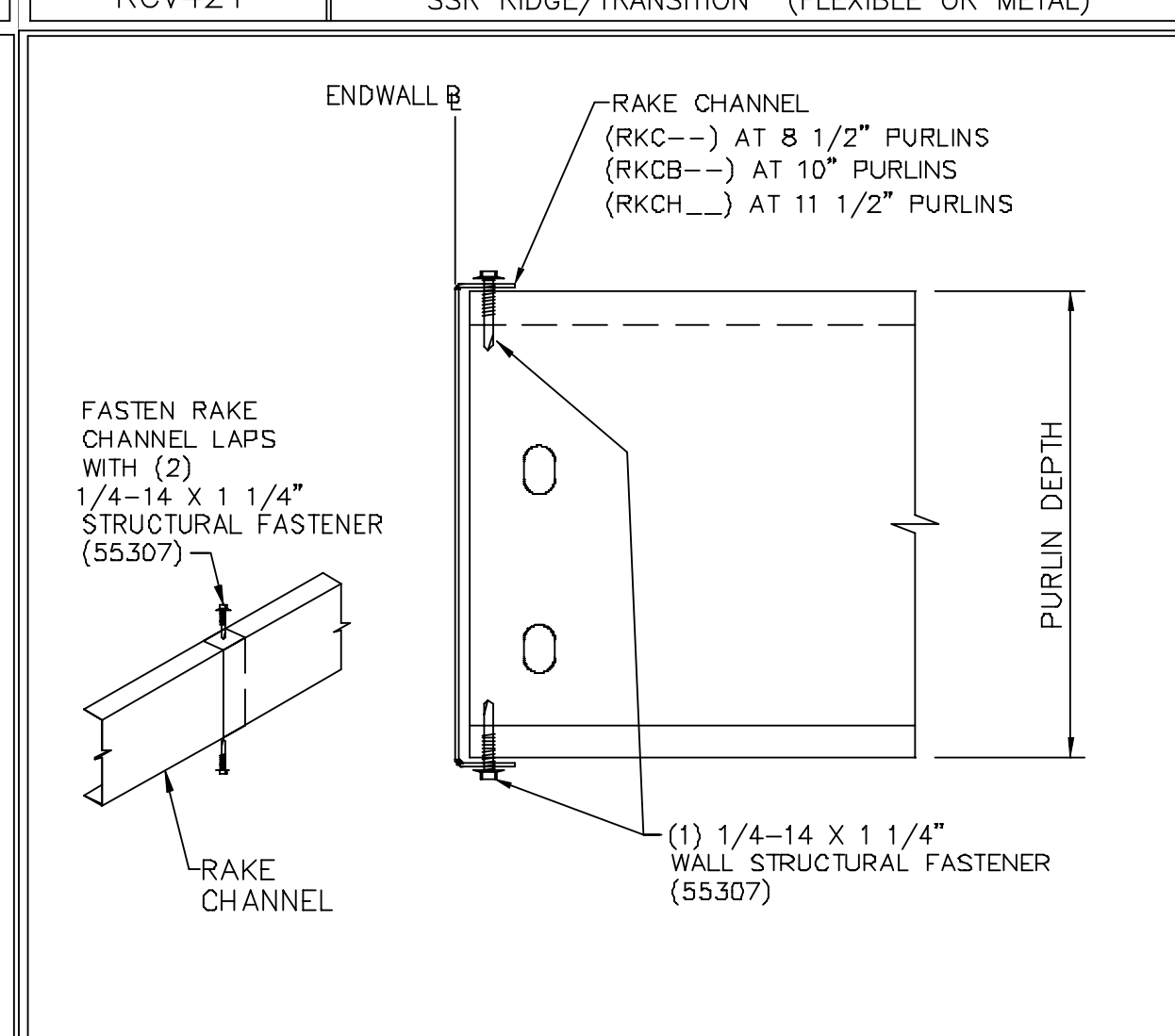
REV. DATE: 06/11/22 | REV. NO. 04
RCV423 | SSR HIGH EAVE FASCIA
 PR, VR OR RPR WALL



REV. DATE: 05/01/18 | REV. NO. 00
RCV531 | SSR SEAM MASTIC
 @ RIDGE/HIGH EAVE/WALL TO ROOF TRANSITION



REV. DATE: 06/28/19 | REV. NO. 00
RCV536 | SSR SEAM MASTIC
 @ LOW EAVE



REV. DATE: 04/27/18 | REV. NO. 03
RST10L5 | RAKE CHANNEL TO PURLIN
 SSR, SLR II - PURLIN (METAL WALLS)

This document has been electronically signed and sealed by W. Jason Clymer, PE using my Digital Signature with PE seal affixed. Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copy.

W. Jason Clymer
 PE
 040258
 02/01/2024

PERMIT SET- For Building Dept. Approval

THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.

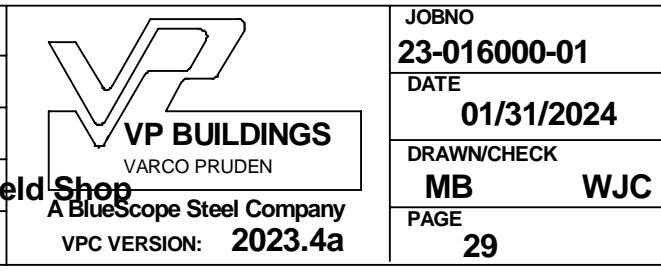
THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND MAY BE REPRODUCED ONLY FOR THAT PURPOSE. IT SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS.

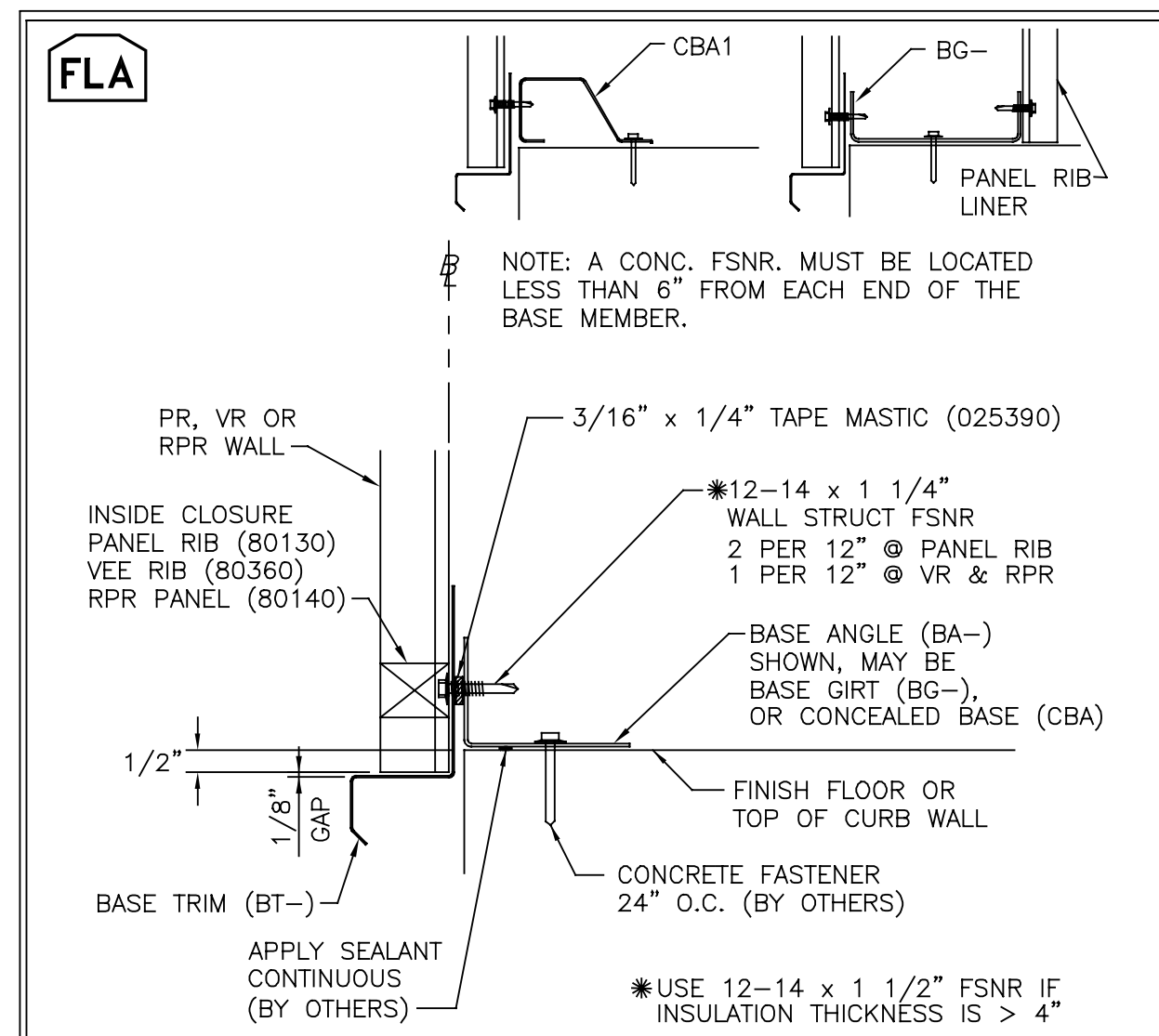
THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.

REV	DATE	BY	DESCRIPTION

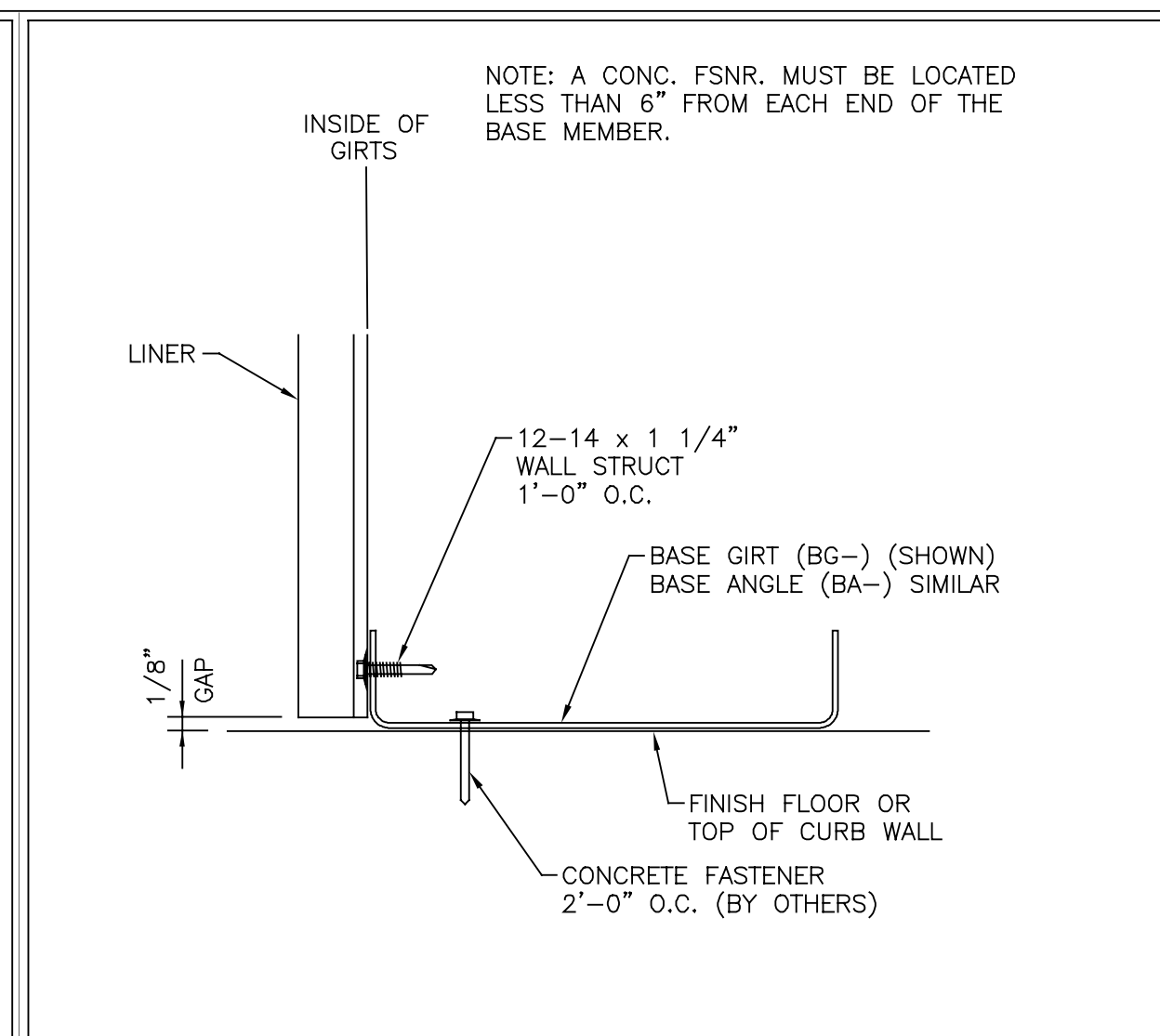
VP Buildings			
3200 Players Club Circle Memphis TN 38125			
BUILDER	Lemartec Corporation		
CUSTOMER	Duke Energy		
LOCATION	Dunn, North Carolina		
PROJECT	Duke Energy Dunn Operations Center - Weld Shop		
BUILDERS PO#	23068 - Weld Shop		
NTS			
1/31/2024	SEDSheet 16:48:24		

COVERING & TRIM SED'S (b)	
BUILDER	Lemartec Corporation
CUSTOMER	Duke Energy
LOCATION	Dunn, North Carolina
PROJECT	Duke Energy Dunn Operations Center - Weld Shop
BUILDERS PO#	23068 - Weld Shop
VP BUILDINGS	VARCO PRUDEN A BlueScope Steel Company
VP VERSION:	2023.4a
FILENAME:	Duke Energy - Weld Shop
JOBNO	23-016000-01
DATE	01/31/2024
DRAWING/CHECK	MB WJC
PAGE	29

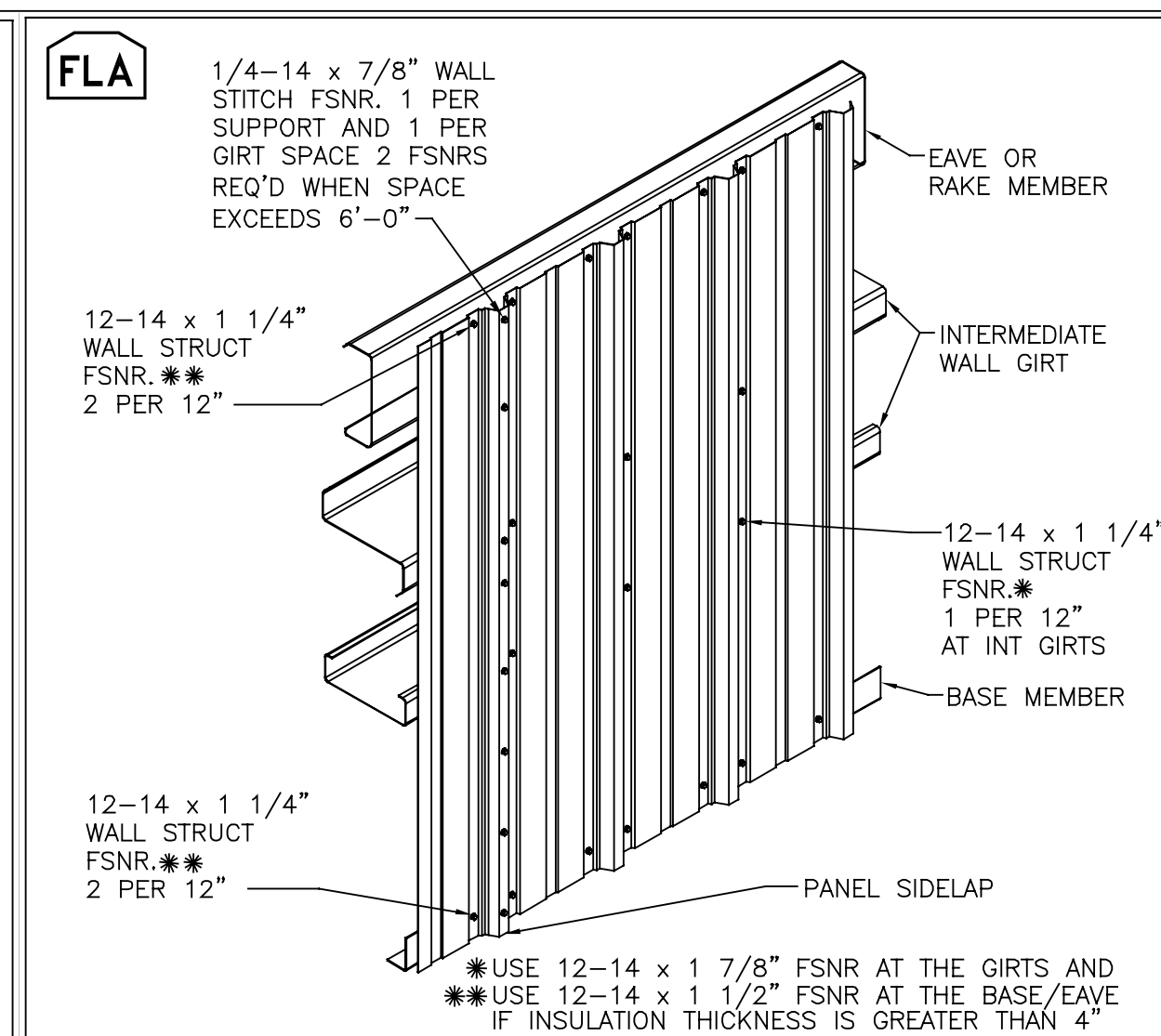




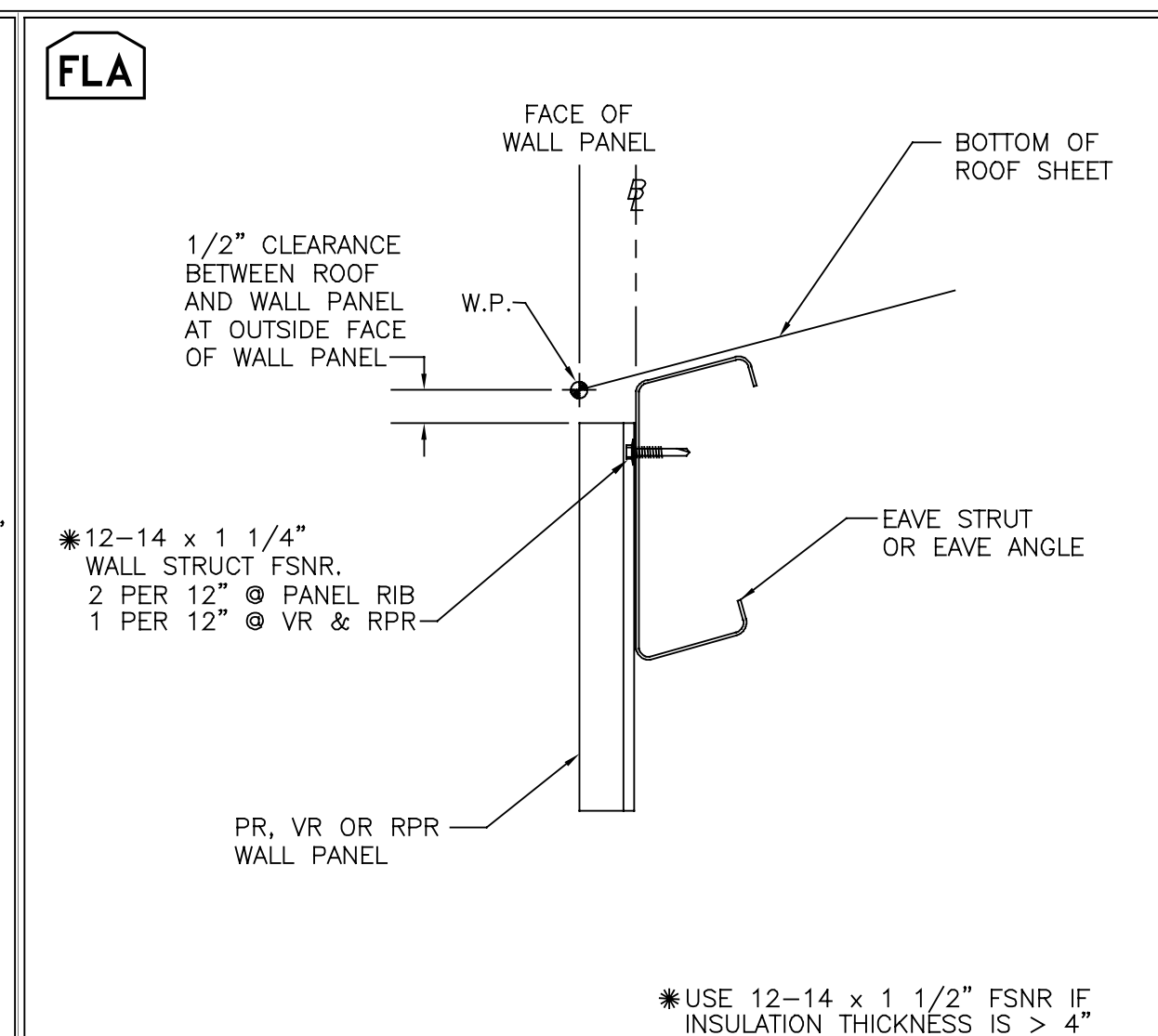
REV. DATE: 06/26/19 | REV. NO. 06
 WC01AB BASE OF WALL ATTACHMENT PR, VR OR RPR W/ BASE TRIM



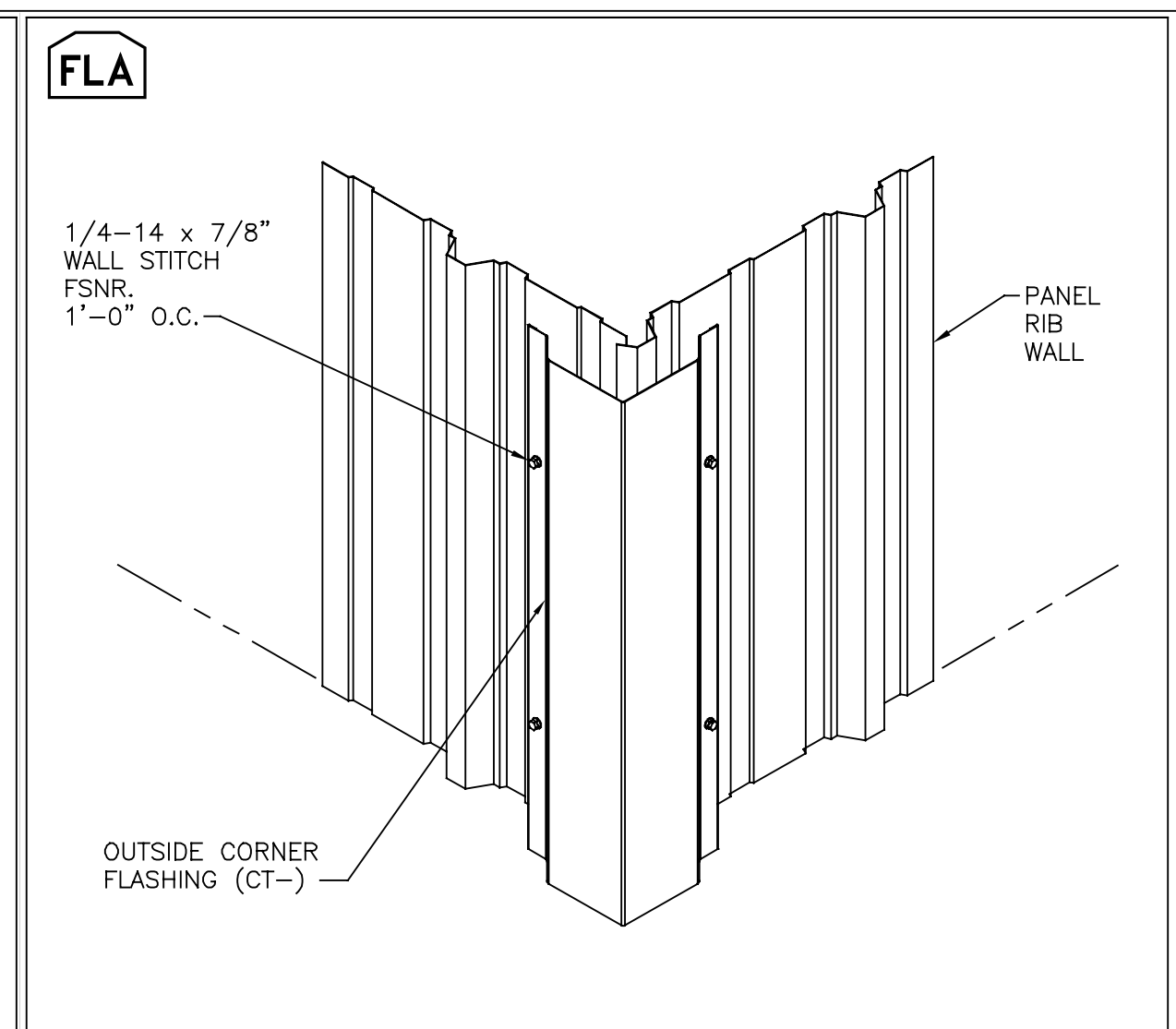
REV. DATE: 01/29/21 | REV. NO. 03
 WC01JD BASE OF LINER ATTACHMENT LINER



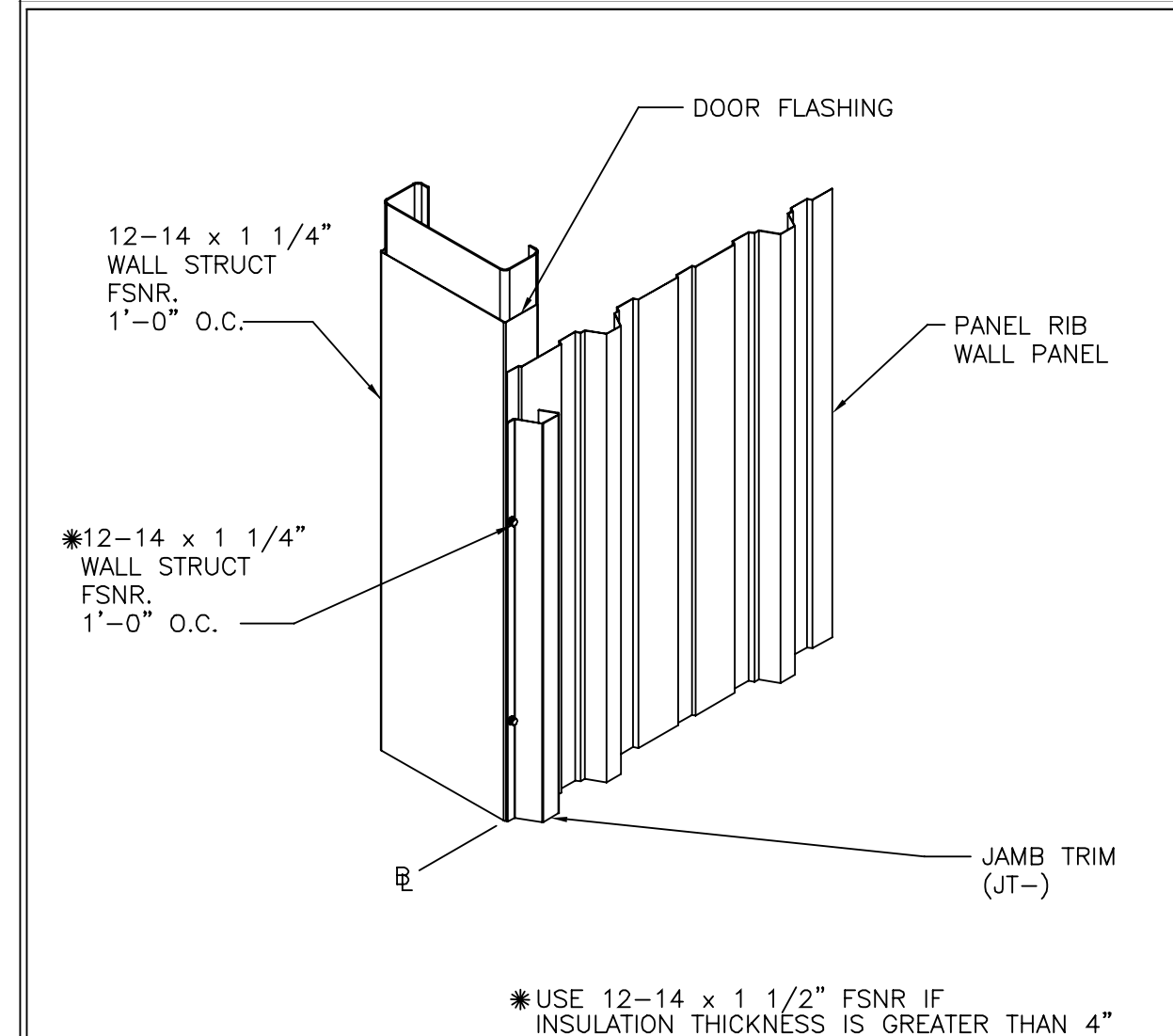
REV. DATE: 06/26/19 | REV. NO. 04
 WC04G1 PANEL RIB WALL FASTENER PATTERNS



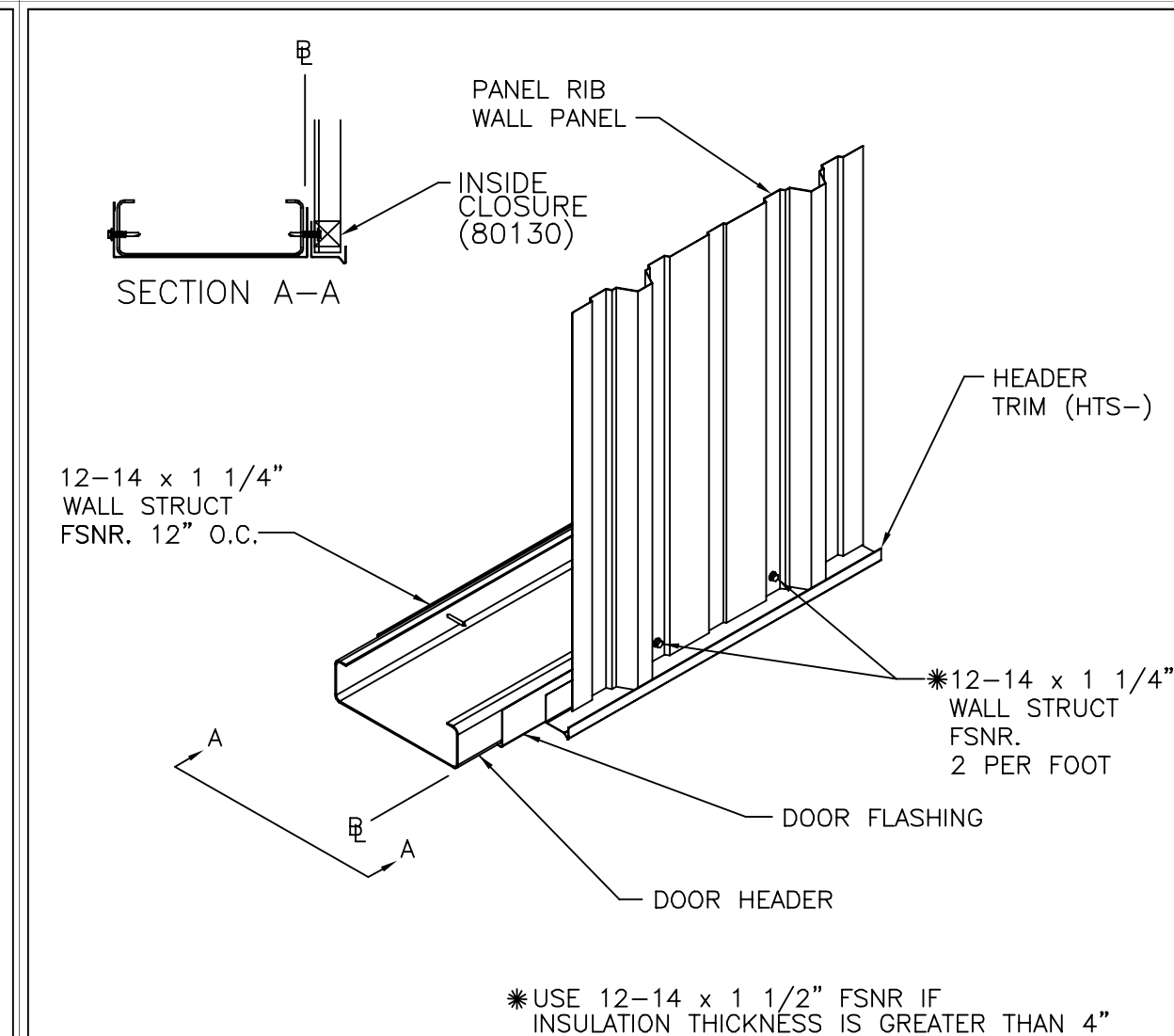
REV. DATE: 06/26/19 | REV. NO. 04
 WC11F1 PR, VR & RPR WALL AT EAVE STANDARD EAVE MEMBER



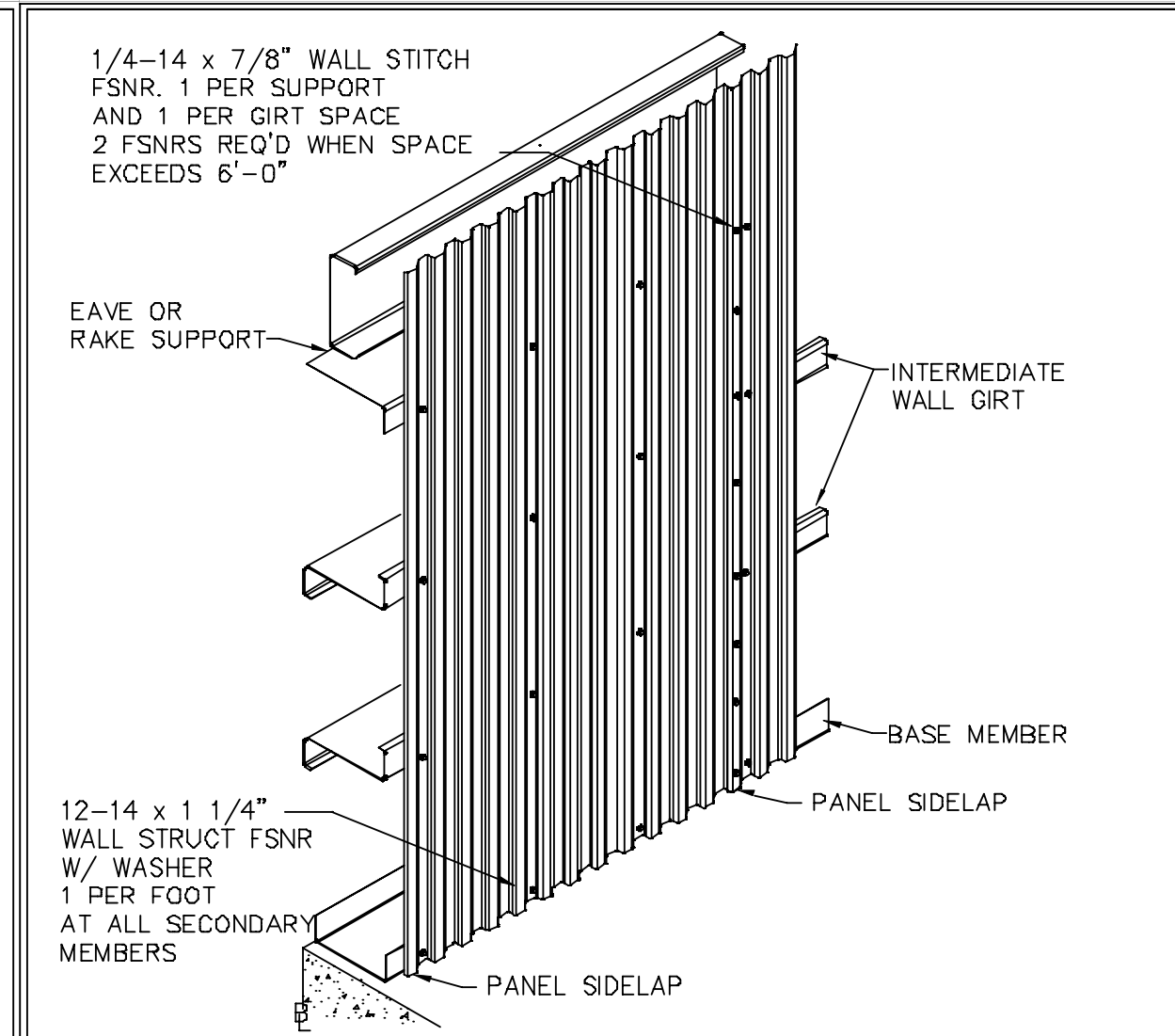
REV. DATE: 06/26/19 | REV. NO. 01
 WC20A1 OUTSIDE CORNER TRIM PANEL RIB WALL



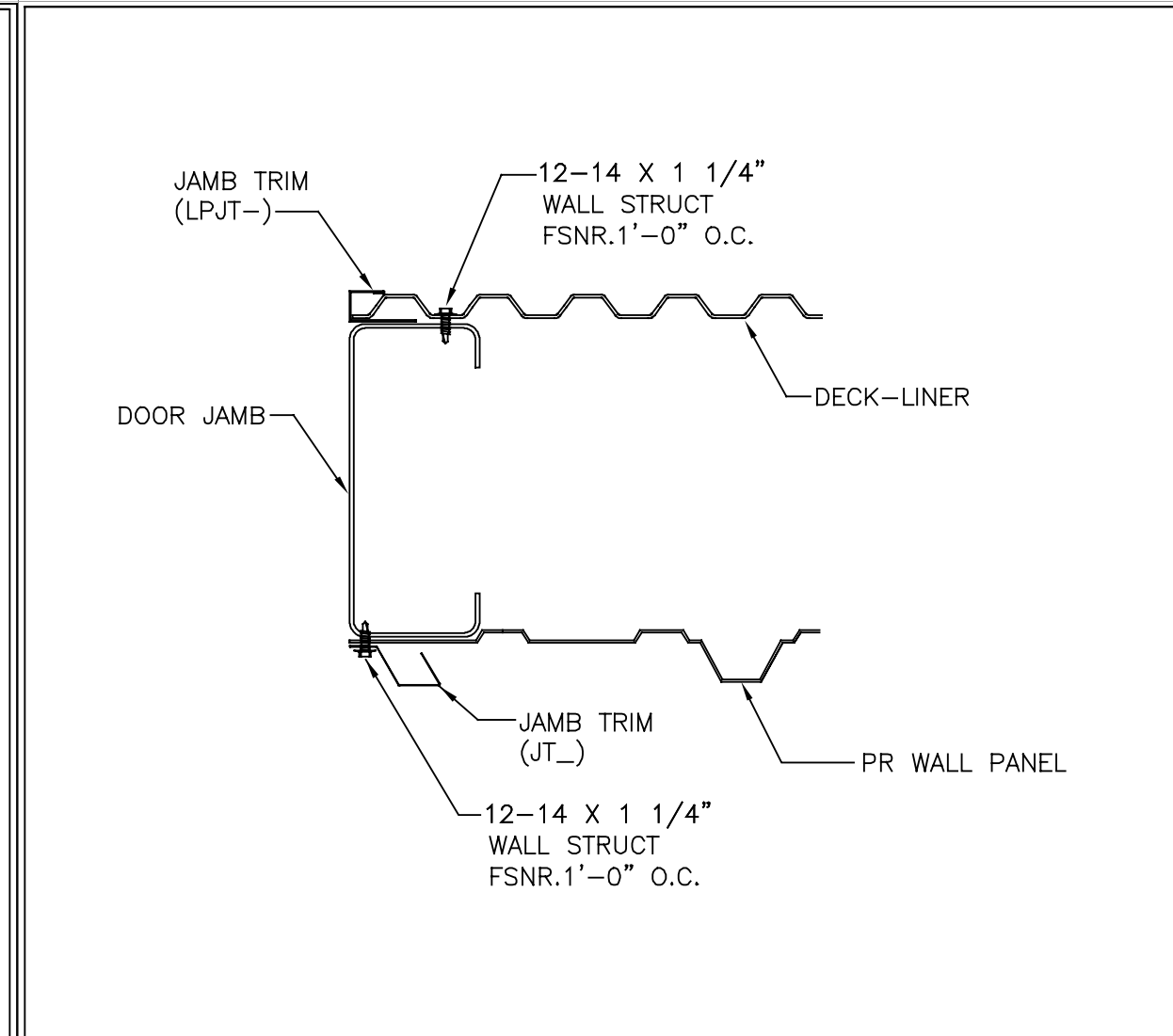
REV. DATE: 05/21/18 | REV. NO. 01
 WC24A1 JAMB TRIM AT OVERHEAD DOOR PANEL RIB WALL



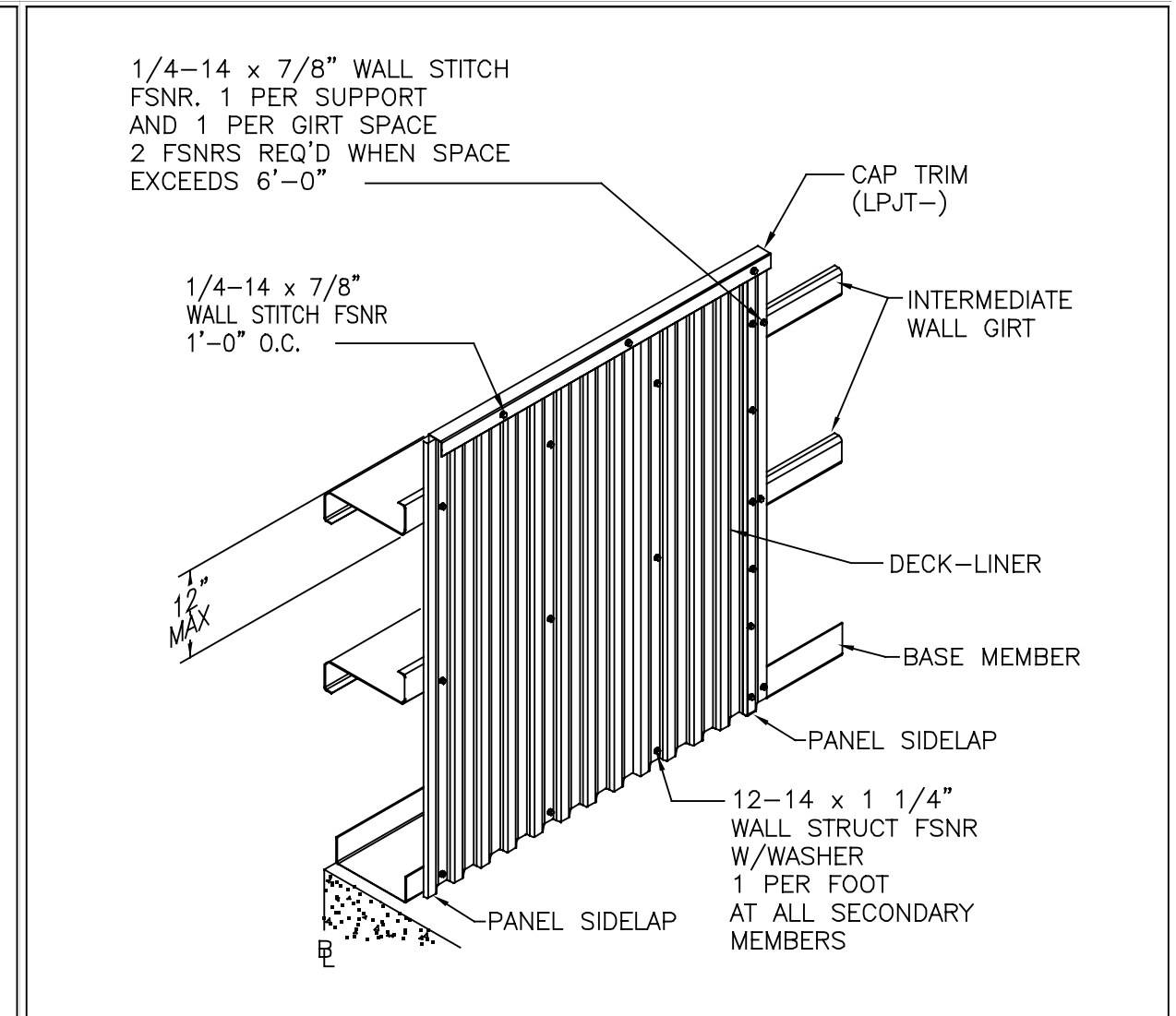
REV. DATE: 05/21/18 | REV. NO. 03
 WC24A2 WALL TRIM AT DOOR HEAD OVERHEAD DOOR OPENING



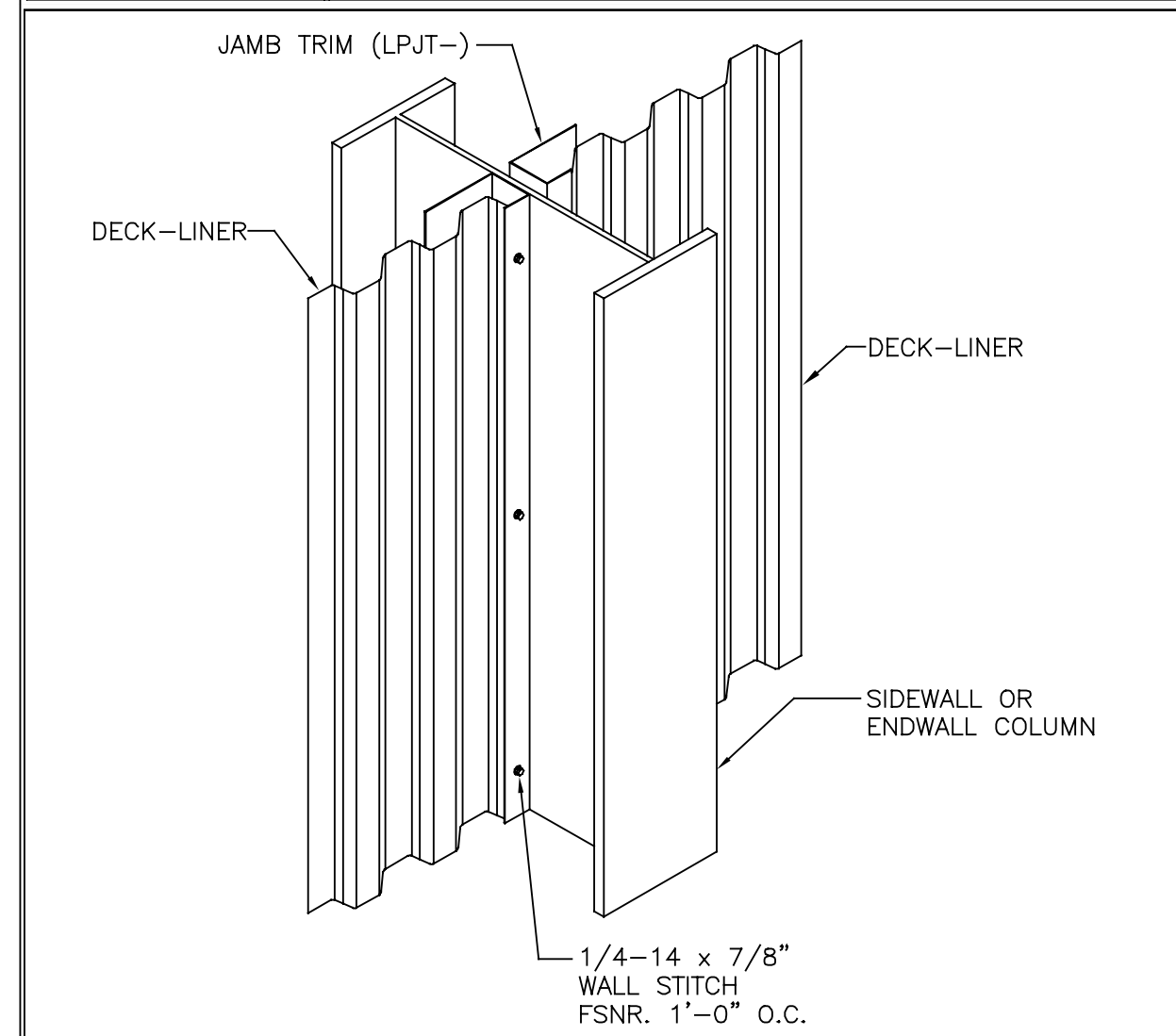
REV. DATE: 06/19/15 | REV. NO. 00
 WCV062 DECK-LINER FASTENER PATTERNS



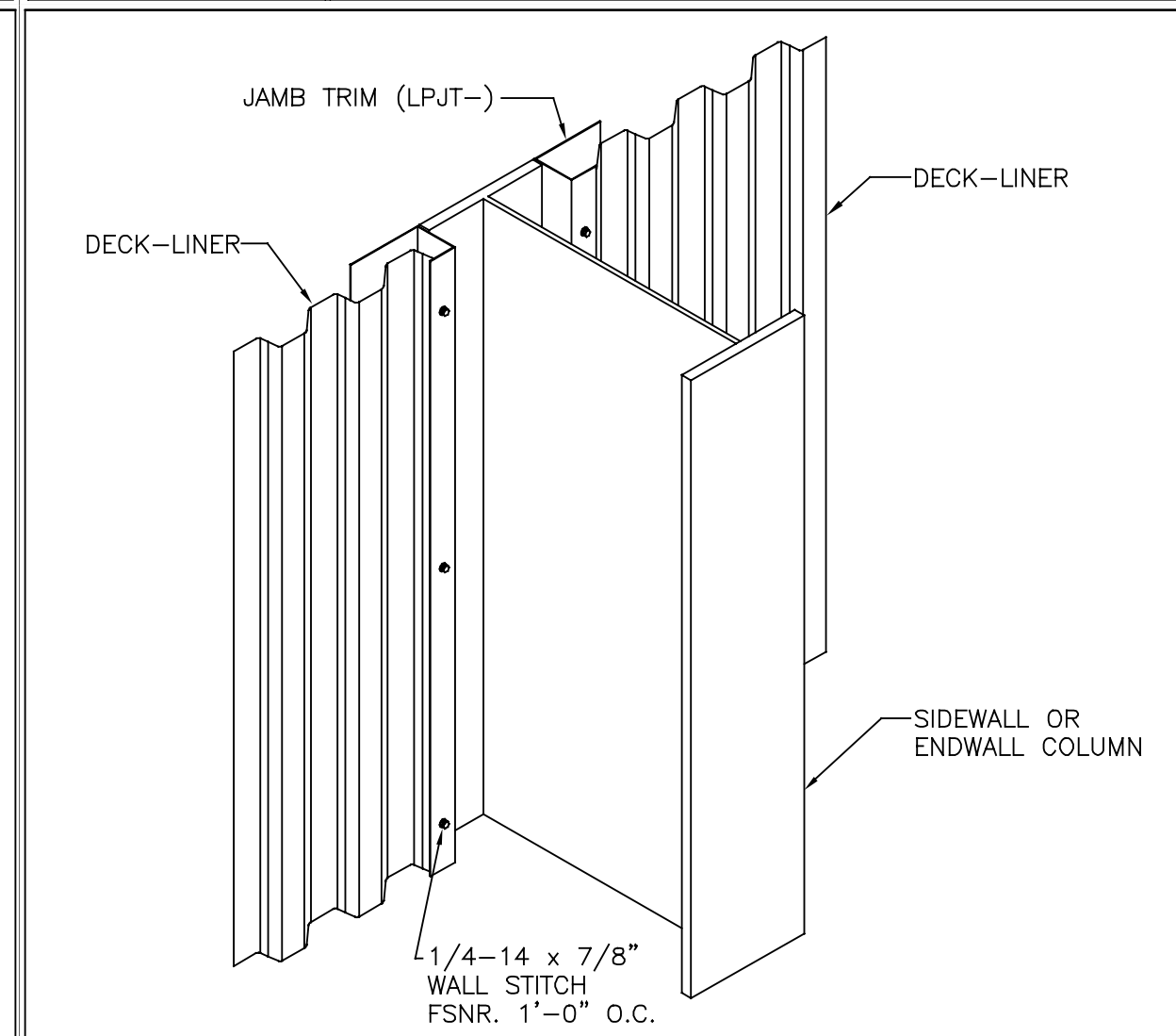
REV. DATE: 10/28/19 | REV. NO. 00
 WLVO07 DECK-LINER JAMB TRIM AT OVERHEAD DOOR PANEL RIB WALL



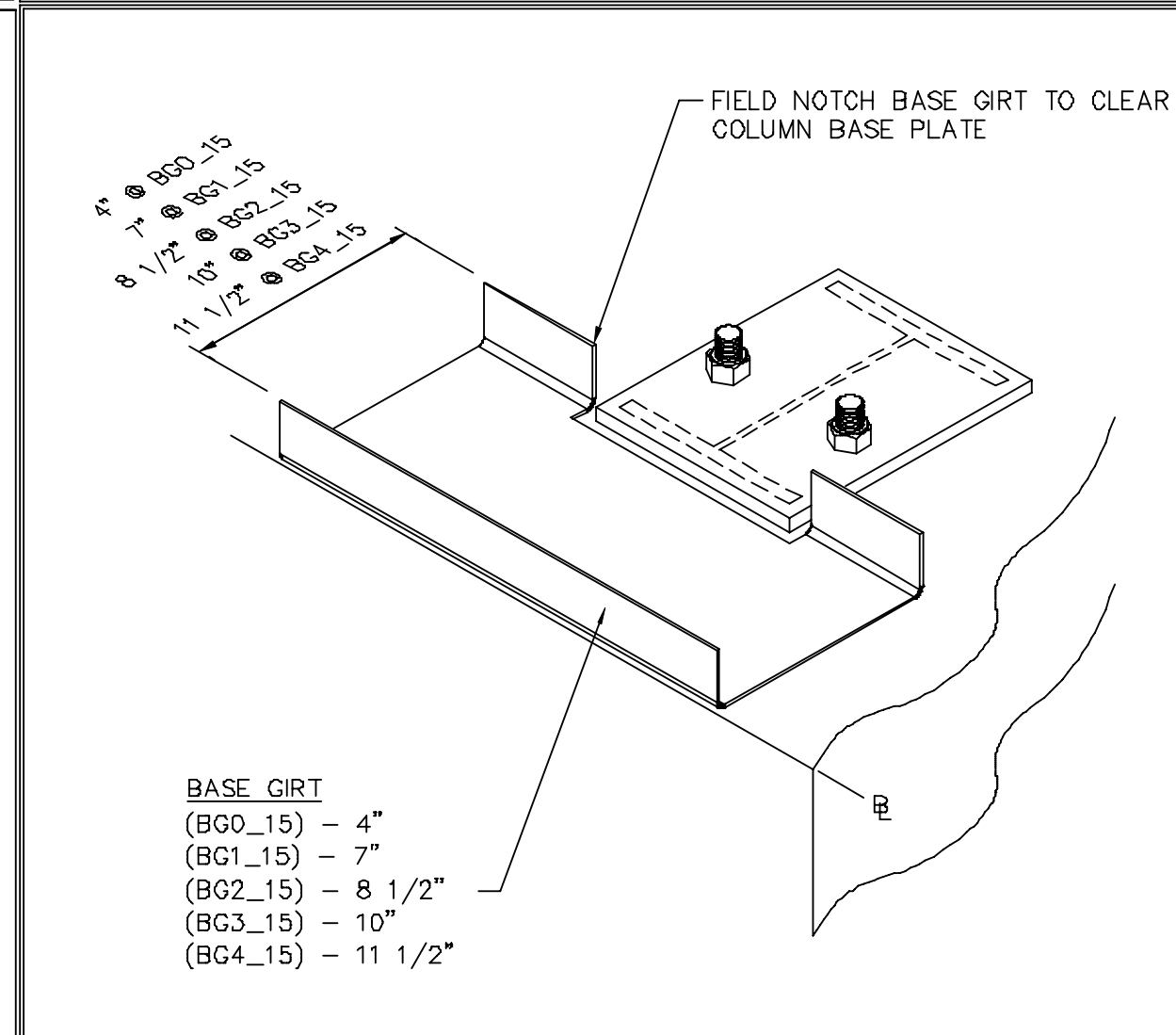
REV. DATE: 10/28/19 | REV. NO. 00
 WLVO13 DECK-LINER PANEL ATTACHMENT PARTIAL HEIGHT LINER



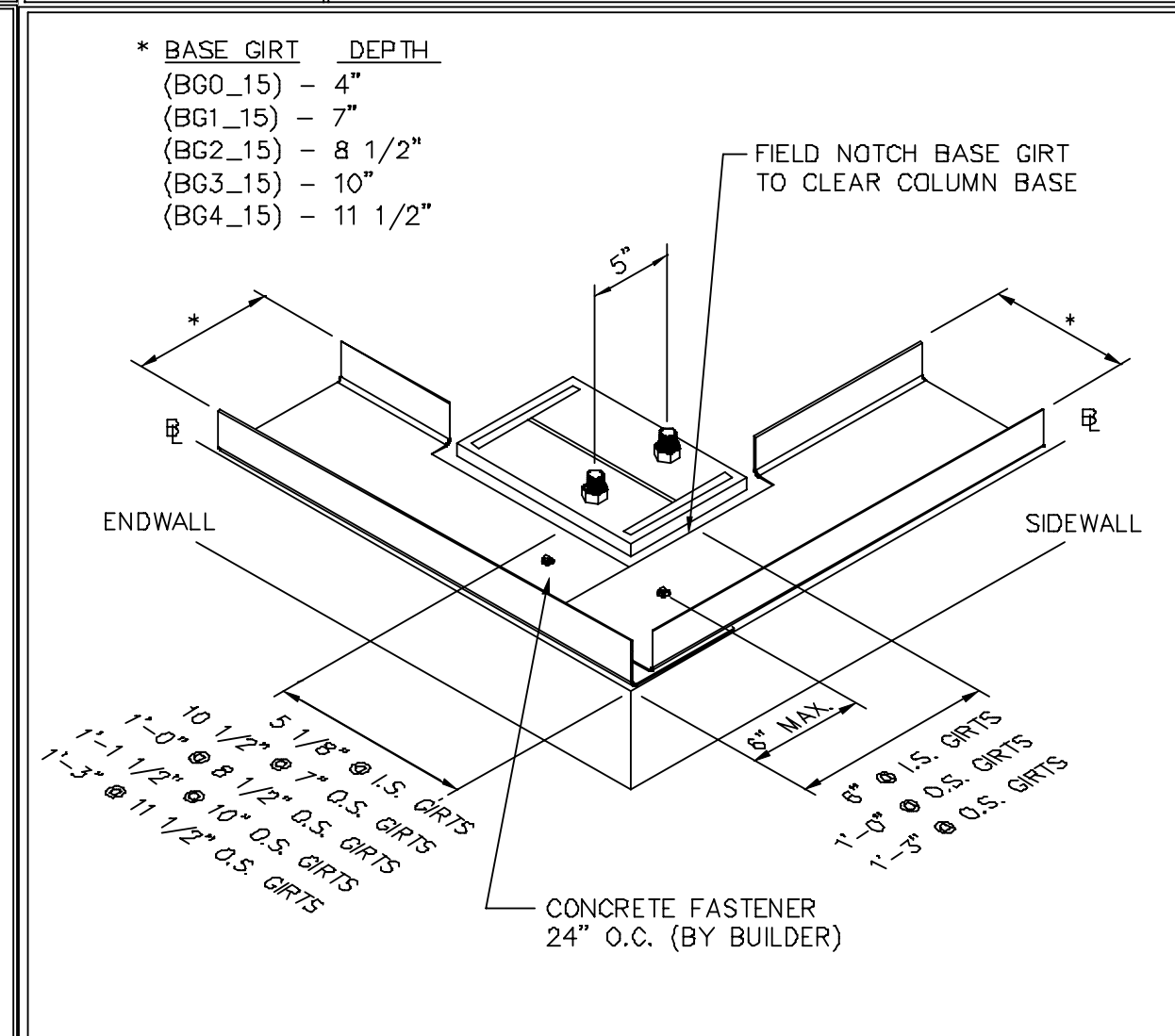
REV. DATE: 10/28/19 | REV. NO. 00
 WLVO14 DECK-LINER PANEL ATTACHMENT TRIM AT COLUMN; INSET WALL



REV. DATE: 10/28/19 | REV. NO. 00
 WLVO15 DECK-LINER PANEL ATTACHMENT TRIM AT COLUMN; OUTSET WALL



REV. DATE: 08/11/13 | REV. NO. 01
 WS27B2 BASE GIRTS AT COLUMN ALL BASE GIRTS DEPTHS



REV. DATE: 06/13/13 | REV. NO. 01
 WS27D2 BASE GIRTS AT CORNER COLUMN ALL BASE GIRTS DEPTHS

This document has been electronically signed and sealed by W. Jason Clymer, PE using my Digital Signature with PE seal affixed. Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copy.

W. Jason Clymer
 PE
 040258
 02/01/2024

PERMIT SET- For Building Dept. Approval

THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.

THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND MAY BE REPRODUCED ONLY FOR THAT PURPOSE. IT SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS.

THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.

REV	DATE	BY	DESCRIPTION

D VP Buildings			
3200 Players Club Circle Memphis TN 38125			
BUILDER	Lemartec Corporation		
CUSTOMER	Duke Energy		
LOCATION	Dunn, North Carolina		
PROJECT	Duke Energy Dunn Operations Center - Weld Shop		
BUILDERS PO#	23068 - Weld Shop		
NTS			
1/31/2024 SEDSheet 16:48:26			

COVERING & TRIM SED'S (c)			
BUILDER	Lemartec Corporation		
CUSTOMER	Duke Energy		
LOCATION	Dunn, North Carolina		
PROJECT	Duke Energy Dunn Operations Center - Weld Shop		
BUILDERS PO#	23068 - Weld Shop		
VP BUILDINGS	VARCO PRUDEN		
VP VERSION:	2023.4a		
FILENAME:	Duke Energy - Weld Shop		
JOBNO	23-016000-01		
DATE	01/31/2024		
DRAWING/CHECK	MB WJC		
PAGE	30		

