



Butler Manufacturing
a division of BlueScope Buildings North America, Inc.

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DRAWING RELEASE HISTORY		
TYPE	DATE	DESCRIPTION
Permit Drawings	7/17/23	For Building Dept Approval Only

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	GRADE 55
A653, A1011	GRADE 60
A572, A510	GRADE 50
A36, A529, A572, A588, A992	GRADE 36 OR 50
A529, A572, A588, A992	GRADE 50
A500	GRADE B
A653, A792	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.

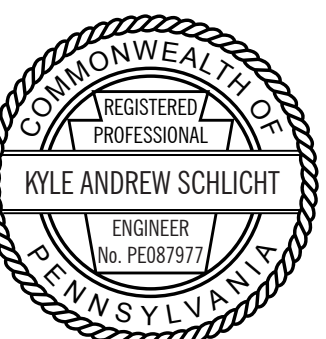
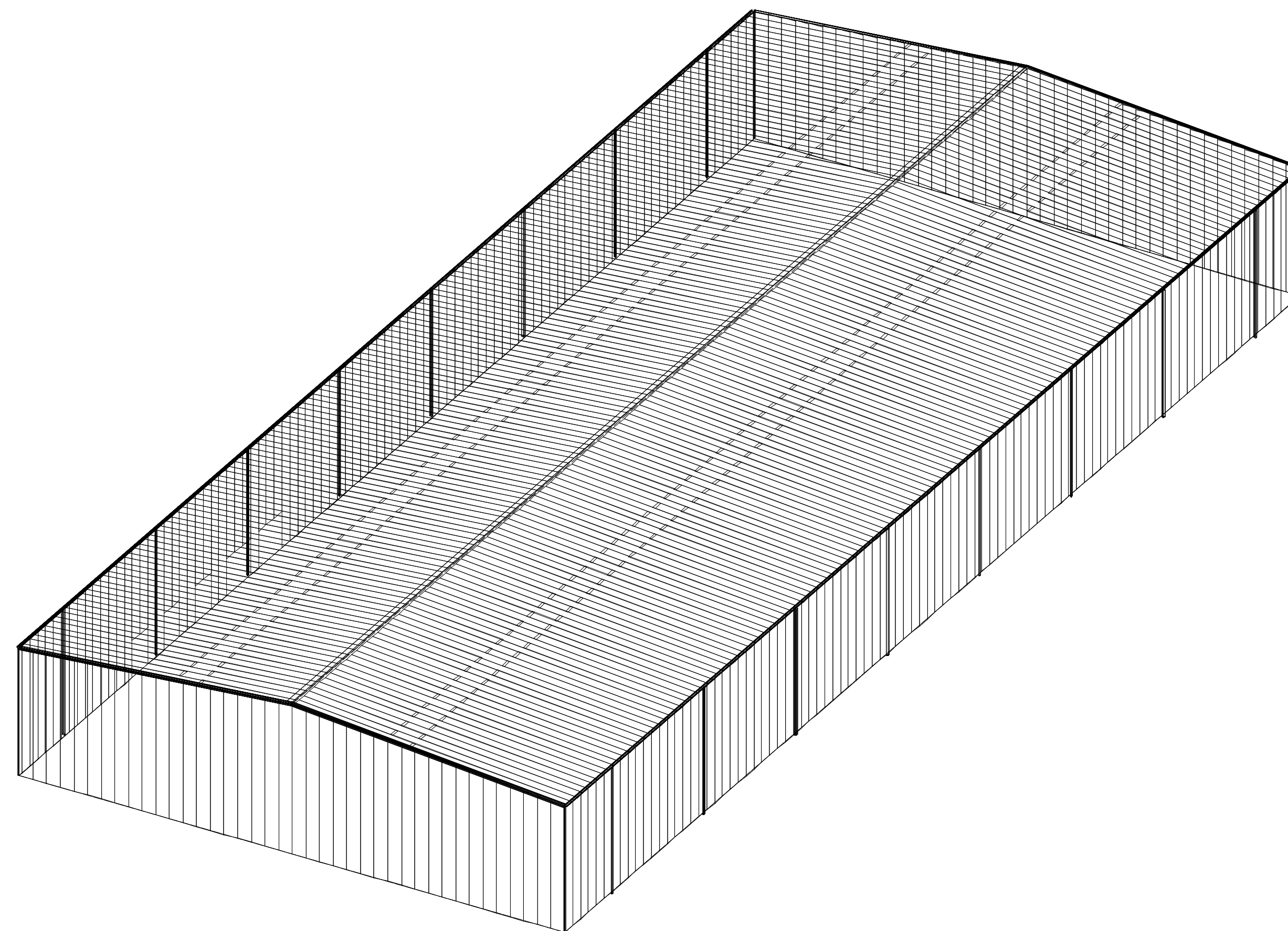
INSPECTION AND TESTING

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.

Additional Notes:

Building is not designed for any future expansion.

Doors should be closed during high wind events.



07/18/2023

FOR BUILDING DEPT APPROVAL ONLY

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THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF BUTLER MFG. 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 BUTLER MFG.

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 BUTLER MFG. ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.

D BUTLER MANUFACTURING
1540 GENESSEE ST. KANSAS CITY, MO 64102

COVER SHEET	
BUILDER: C & M SALES, INC.	JOB #:
CUSTOMER:	DATE: 7/5/2023
LOCATION: Lake Ariel, Pennsylvania	DRAWN/CHECK: /
PROJECT: WEDCO 2023	PAGE: 1
BUILDER'S PO#: _____	



Butler Manufacturing
VPC VERSION: 2023.2

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: Lake Ariel County: Wayne State: Pennsylvania Country: United States

Building Code
 Building Code: 2022 Pennsylvania Uniform Construction Code Structural: 16AISC - ASD Rainfall: I: 5.28 inches per hour
 Based on Building Code: 2018 International Building Code Cold Form: 16AISI - ASD f'c: 3000.00 psi Concrete
 Building Risk/Occupancy Category: II (Standard Occupancy Structure)

Dead and Collateral Loads
 Collateral Gravity: 2.00 psf
 Collateral Uplift: 0.00 psf
 Material Dead Weight
 Roof Covering + Second. Dead Load: 2.41 psf
 Frame Weight (assumed for seismic): 2.50 psf

Wind Load
 Wind Speed: Vult: 112.00 (Vasd: 86.75) mph
 The 'Envelope Procedure' is Used
 Primaries Wind Exposure: B - Kz: 0.701
 Parts Wind Exposure Factor: 0.686
 Wind Enclosure: Enclosed
 Topographic Factor: Kzt: 1.0000
 Ground Elevation Factor: Ke: 0.9509

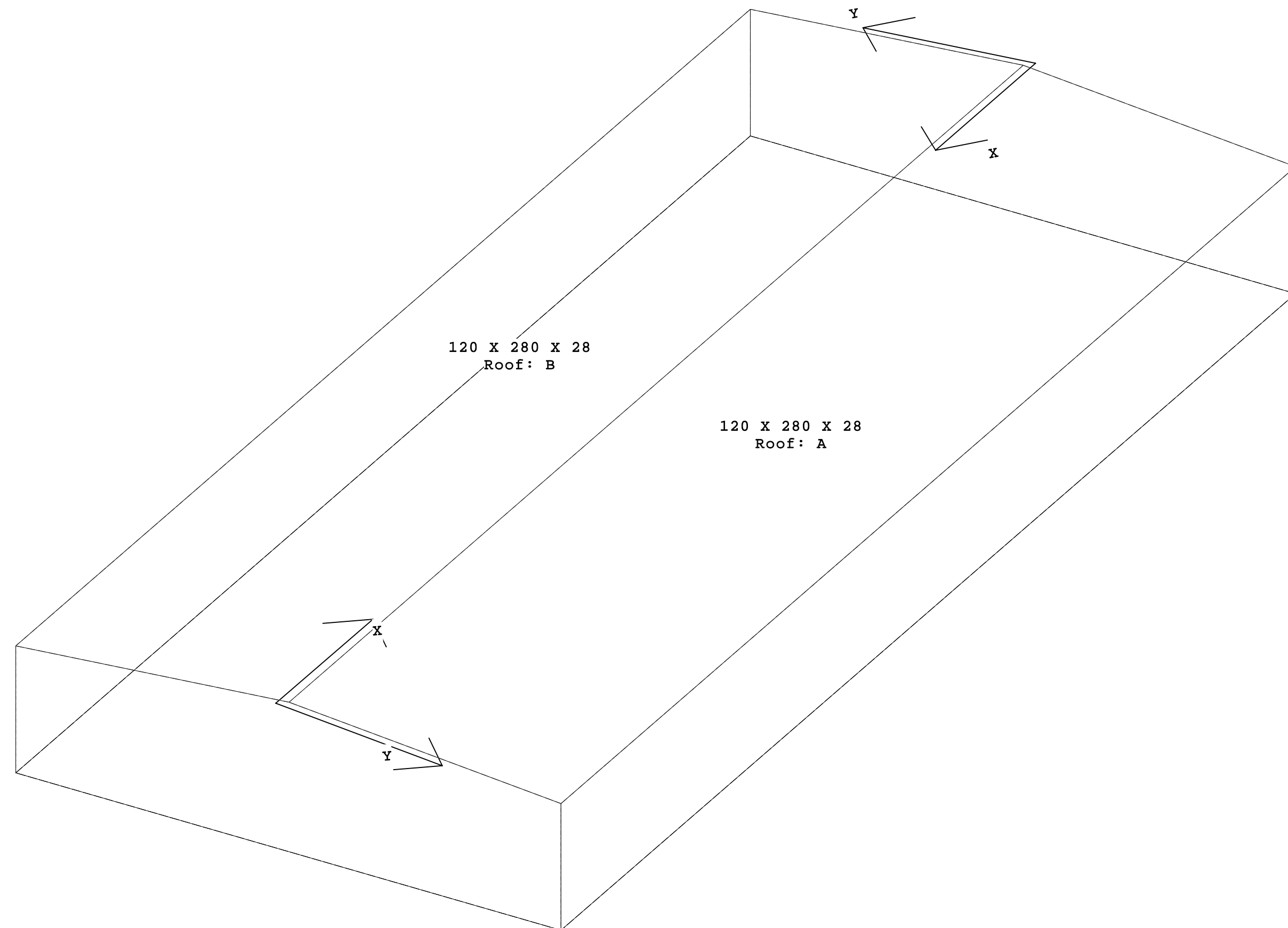
NOT Windborne Debris Region
 Base Elevation: 0/0/0
 Site Elevation: 1390.0 ft
 Primary Zone Strip Width: 2a: 22/3/10
 Parts / Portions Zone Strip Width:
 Walls, a: 11/1/13
 Roof(s), 0.6h: 16/8/11
 Velocity Pressure: qz: 18.18, (C&C) 17.81 psf

Snow Load
 Ground Snow Load: pg: 50.00 psf
 Flat Roof Snow: pf: 35.00 psf
 Design Snow (Sloped): ps: 35.00 psf
 Rain Surcharge: 0.00
 Specified Minimum Roof Snow: 20.00 psf (Code)
 Exposure Factor: 2 Partially Exposed - Ce: 1.00
 Snow Importance: Is: 1.000
 Thermal Factor: Heated - Ct: 1.00
 Ground / Roof Conversion: 0.70
 Obstructed or Not Slippery

Roof Live Load
 Roof Live Load: 20.00 psf Reducible
 Seismic Load
 Lateral Force Resisting Systems using Equivalent Force Procedure
 Mapped MCE Acceleration: Ss: 13.90 %g
 Mapped MCE Acceleration: S1: 4.60 %g
 Site Class: Stiff soil (D) - Default
 Seismic Importance: Ie: 1.000
 Design Acceleration Parameter: Sds: 0.1483
 Design Acceleration Parameter: Sd1: 0.0736
 Seismic Design Category: B
 Seismic Snow Load: 7.00 psf
 % Snow Used in Seismic: 20.00
 Diaphragm Condition: Flexible
 Fundamental Period Height Used: 30/4/8
 Transverse Direction Parameters
 System NOT detailed for Seismic
 Redundancy Factor: Rho: 1.00
 Fundamental Period: Ta: 0.4297
 R-Factor: 3.00
 Overstrength Factor: Omega: 2.50
 Deflection Amplification Factor: Cd: 3.00
 Base Shear: V: 0.0494 x W
 Longitudinal Direction Parameters
 System NOT detailed for Seismic
 Redundancy Factor: Rho: 1.00
 Fundamental Period: Ta: 0.2588
 R-Factor: 3.00
 Overstrength Factor: Omega: 2.50
 Deflection Amplification Factor: Cd: 3.00
 Base Shear: V: 0.0494 x W

Snow Buildup Shape	Surface	Description	X Location	Y Location	Magnitude
120 X 280 X 28	Roof: A	Unbalanced Snow Load 1, Shifted Left : Roof: A	0.0 ft	29.4 ft	18.8 psf
			0.0 ft	0.0 ft	18.8 psf
			280.0 ft	0.0 ft	18.8 psf
			280.0 ft	29.4 ft	18.8 psf
			0.0 ft	29.4 ft	18.8 psf
			0.0 ft	0.0 ft	18.8 psf
			280.0 ft	0.0 ft	18.8 psf
			280.0 ft	29.4 ft	18.8 psf
120 X 280 X 28	Roof: B	Unbalanced Snow Load 1, Shifted Right : Roof: B	0.0 ft	29.4 ft	18.8 psf
			0.0 ft	0.0 ft	18.8 psf
			280.0 ft	0.0 ft	18.8 psf
			280.0 ft	29.4 ft	18.8 psf
			0.0 ft	29.4 ft	18.8 psf
			0.0 ft	0.0 ft	18.8 psf
			280.0 ft	0.0 ft	18.8 psf
			280.0 ft	29.4 ft	18.8 psf

- The Snow Buildup loading shown is in addition to the flat or sloped roof snow.
- The X and Y Location dimensions are from the point of origin of each surface.



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			<p>REV: DATE: BY: DESCRIPTION:</p>	<p>BUILDER: C & M SALES, INC.</p> <p>CUSTOMER:</p> <p>LOCATION: Lake Ariel, Pennsylvania</p> <p>PROJECT: WEDCO 2023</p> <p>BUILDER'S PO#:</p>	
<p>DRAWING SCALE: NTS</p>		<p>7/17/2023 15:01:53</p>		<p>a division of BlueScope Buildings North America, Inc.</p>	

BUILDER/CONTRACTOR RESPONSIBILITIES

Butler Mfg. follows the guidelines as outlined in the AISC and MBMA Codes of Standard Practice. Butler Mfg. standard product specifications, design, fabrication, quality criteria shall govern all work unless stipulated otherwise in the contract documents. In case of discrepancies between Butler Mfg. structural plans and plans for other trades, Butler Mfg. 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 Butler Mfg drawings constitutes the builders acceptance of Butler interpretation of the contract purchase order. Unless specific design criteria concerning interface design and details are furnished as part of the contract, Butler Mfg. design assumptions shall govern.

Butler engineers are not Project Engineers or Engineer of Record for the overall project. Butler engineering supply sealed engineering design data and drawings for Butler 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 Butler 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 Butler Mfg. "FOR CONSTRUCTION" drawings and all applicable product installation guides. Butler is not responsible for work done from any other Butler 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. Butler 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

Butler must be advised of any structure that is within 20 ft. of Butler's building. Load effects from snow drifting, wind effects, and seismic separation must be considered for both the new and existing structures. Butler has designed the new Butler 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 Butler 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 Butler 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 Butler components. Butler accepts no responsibility for design or installation of bracing systems not furnished by Butler.

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).

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.

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.

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 Butler'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 Butler 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 Butler building has been provided to avoid structural damage due to differential movements, or inadvertently apply loads to the Butler structure. Butler 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 Butler of any special requirements to be furnished by Butler.

FIELD MODIFICATIONS

Modifications to this building from details and instructions contained on these drawings must be approved in writing by Butler Mfg. 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. Butler Mfg. accepts no responsibility for the consequences of any unauthorized additions, alterations, or added loads to this structure.

If the builder intends to invoice Butler Mfg. for modifications in excess of \$1000, The builder must notify Butler Mfg. immediately, and obtain a Work Authorization from Butler Mfg prior to proceeding. All final claims must be submitted to Butler Mfg 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 Butler Mfg, any wall to steel compatibility issues such as drift and deflection compatibility, special base details, and wall to Butler 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 Butler 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 Butler, 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. Butler 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 Butler'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 Butler shop coat that the painting contractor verifies compatibility between his finish coat and Butler's shop coat.

BUTLER MFG. 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;
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 Butler Manufacturing, a Division of BlueScope Buildings North America, Inc.

Canadian CSA A660 Certifications

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

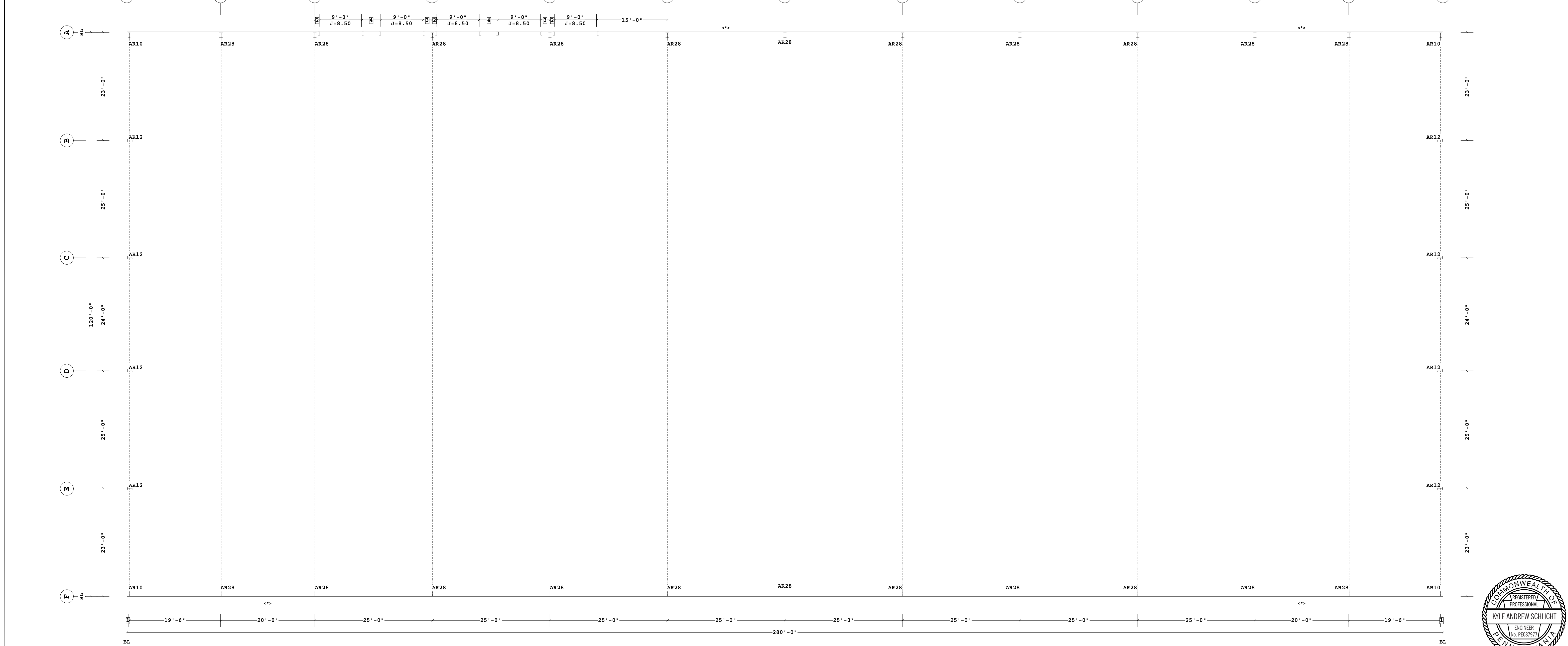
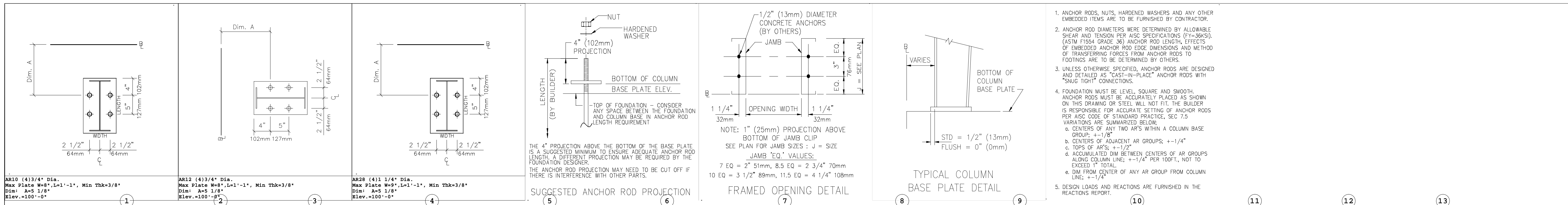
Engineering Certifications of Authorization

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



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ANCHOR ROD PLAN

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

Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)

<-> THE BUILDING IS DESIGNED WITH BRACING DIAGONALS IN THE DESIGNATED BAYS. COLUMN BASE REACTIONS, BASE PLATES AND ANCHOR RODS ARE AFFECTED BY THIS BRACING AND DIAGONALS MAY NOT BE RELOCATED WITHOUT CONSULTING THE BUILDING SUPPLIERS ENGINEER.

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

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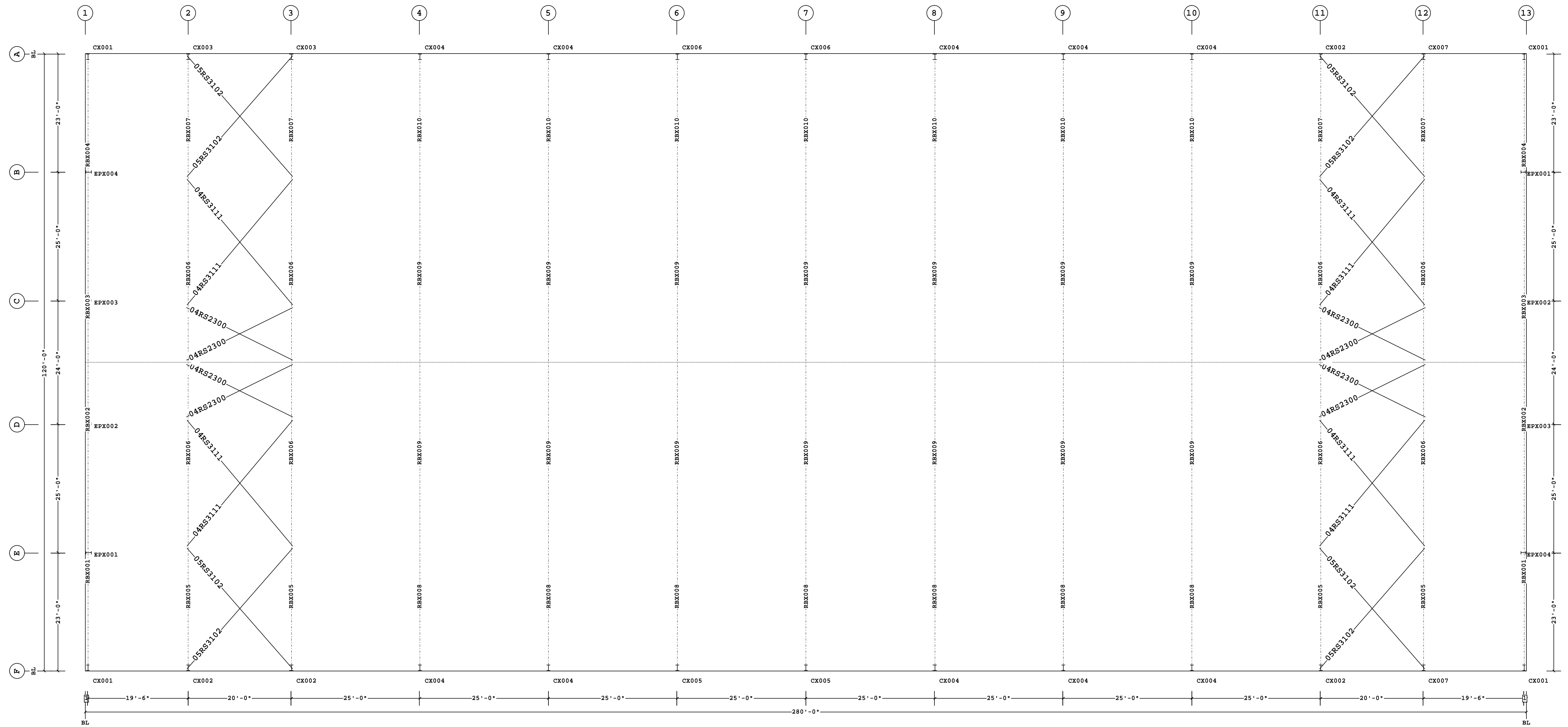
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D		BUTLER MANUFACTURING 1540 GENESSEE ST. KANSAS CITY, MO 64102	
REV:	DATE:	BY:	DESCRIPTION:
DRAWING SCALE: NTS			

ANCHOR ROD PLAN		JOB #:	
BUILDER: C & M SALES, INC.	DATE: 7/5/2023	DRAWN/CHECK: /	
CUSTOMER:	LOCATION: Lake Ariel, Pennsylvania	PAGE: 5	
PROJECT: WEDCO 2023	BUILDER'S PO#:	Butler Manufacturing VPC VERSION: 2023.2	



FOR BUILDING DEPT APPROVAL ONLY



PRIMARY AND ROOF BRACING PLAN

Bracing Part Schedule

Part	Qty	Length	Detail
04RS2300	8	23'-0"	BR01G2
04RS3111	8	31'-11"	BR01G2
05RS3102	8	31'-2"	BR01G2

1 6"
Dimension Key

Shape Name = 120 X 280 X 28

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

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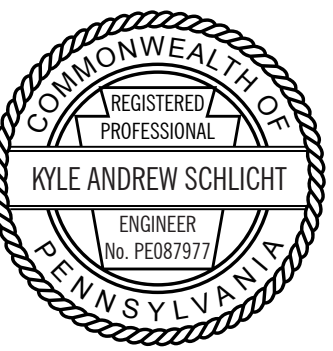
D			
BUTLER MANUFACTURING 1540 GENESSEE ST. KANSAS CITY, MO 64102			
REV:	DATE:	BY:	DESCRIPTION:
DRAWING SCALE: NTS			

PRIMARY AND ROOF BRACING PLAN

BUILDER:	C & M SALES, INC.
CUSTOMER:	
LOCATION:	Lake Ariel, Pennsylvania
PROJECT:	WEDCO 2023
BUILDER'S PO#:	



JOB #:	
DATE:	7/5/2023
DRAWN/CHECK:	
PAGE:	4



07/18/2023

FOR BUILDING DEPT APPROVAL ONLY

NOTES FOR LARGE CLEARSPAN PROJECTS (TYPICALLY 120' & GREATER):

*TYPICALLY 120' OR GREATER, HOWEVER, IF BUILDING HAS HEAVY ROOF LOADS OR LARGE BAYS 100' OR SMALLER MAY BE OF CONCERN; REVIEW WITH SERVICE CENTER IF QUESTIONS.

*LARGE CLEARSPAN PROJECTS WILL VERTICALLY DEFLECT UNDER THEIR SELF WEIGHT AS WELL AS UNDER THE ADDITIONAL WEIGHT OF MATERIAL ATTACHING TO THE FRAMES (COLLATERAL LOAD).

*FOUR REFERENCE SCHEMATICS ARE PROVIDED. THE FIRST SCHEMATIC IS THE FRAME IN ITS THEORETICAL UNLOADED POSITION (NO SETTLEMENT). THE SECOND SCHEMATIC IS THE FRAME SETTLEMENT UNDER JUST THE FRAME SELF WEIGHT. THE THIRD SCHEMATIC IS THE FRAME SETTLEMENT UNDER THE TOTAL DEAD LOAD OF MATERIAL (FRAME SELF WEIGHT PLUS PURLINS, INSULATION, & ROOF PANEL). THE FOURTH SCHEMATIC IS THE FRAME SETTLEMENT UNDER DEAD LOAD AND COLLATERAL LOAD.

*DURING THE COURSE OF CONSTRUCTION, THERE MAY BE DIFFERENTIAL SETTLEMENTS IN RAFTER ELEVATIONS FROM FRAMELINE TO FRAMELINE. AS LONG AS SETTLEMENTS DO NOT EXCEED THE SCHEMATICS AS DISPLAYED, NO CONCERN IS NECESSARY.

*IF THE SETTLEMENTS EXCEED THE SCHEMATICS, REVIEW THE SITUATION WITH YOUR SERVICE CENTER TO ENSURE THE STRUCTURAL INTEGRITY OF THE BUILDING SYSTEM SUPPLIED.

*THERE ARE MANY FIELD CONDITIONS WHICH CAN CAUSE THIS VARIATION IN ELEVATION. IF ALL OTHER FIELD CONDITIONS HAVE BEEN REVIEWED AND DETERMINED TO HAVE BEEN INSTALLED CORRECTLY IN ACCORDANCE TO PROVIDED DRAWINGS, SHIMMING OF THE FRAME IS A VIABLE SOLUTION TO ADJUSTING ELEVATIONS TO A CORRECT LEVEL.

*FOR THOSE INSTANCES WHEN IT HAS BEEN DETERMINED THE FRAME HAS EXCESSIVELY SETTLED (IE FRAME ELEVATION IS LOWER THAN 1/2" OR HIGHER THAN 1" FROM INDICATED VALUES), SHIMMING IS AN ACCEPTABLE SOLUTION.

***SHIMS ARE TO BE PROVIDED BY THE ERECTOR.**

*SEE BUTLER'S *WIDESPAN INSTALLATION GUIDE (3586)*- SECTION E (BOLT TIGHTENING E-4) FOR SHIMMING GUIDELINES (SKETCHES PROVIDED TO RIGHT FOR REFERENCE).

*SHIMMING OF CONNECTIONS SHOULD BE EXPECTED TO MAINTAIN KEY DIMENSIONS SUCH AS CLEARANCE, HEIGHT, AND PLUMBNESS OF THE ERECTED BUILDING. AS NOTED ABOVE SHIMS ARE NORMALLY PROVIDED BY THE ERECTOR, BUT MAY BE ORDERED UPON REQUEST BY CONTACTING YOUR PROJECT MANAGER.

On occasion shims may be required to fill joint gaps, level beams, accommodate varying depth of members, level frame bases, adjust for differential frame deflection, etc. Some shimming must be anticipated by the erector and is considered by the Code of Standard Practice to be part of the erection contract. Shims are provided by the erector.

Shimming between gaps at flanges is accomplished with thin flat plates stacked between the joints.

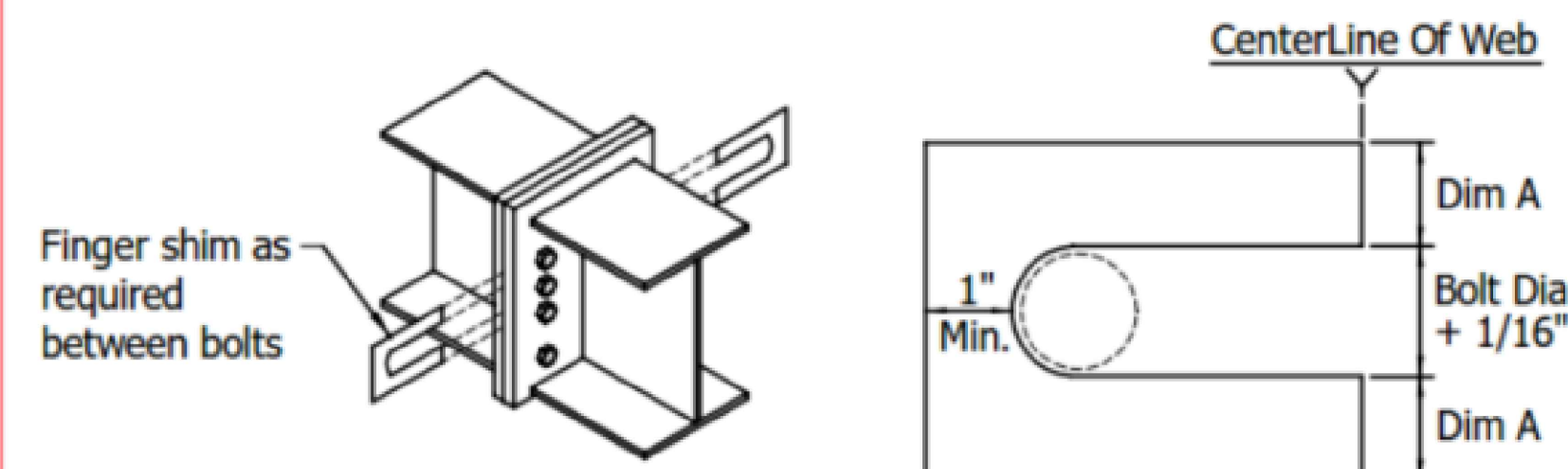
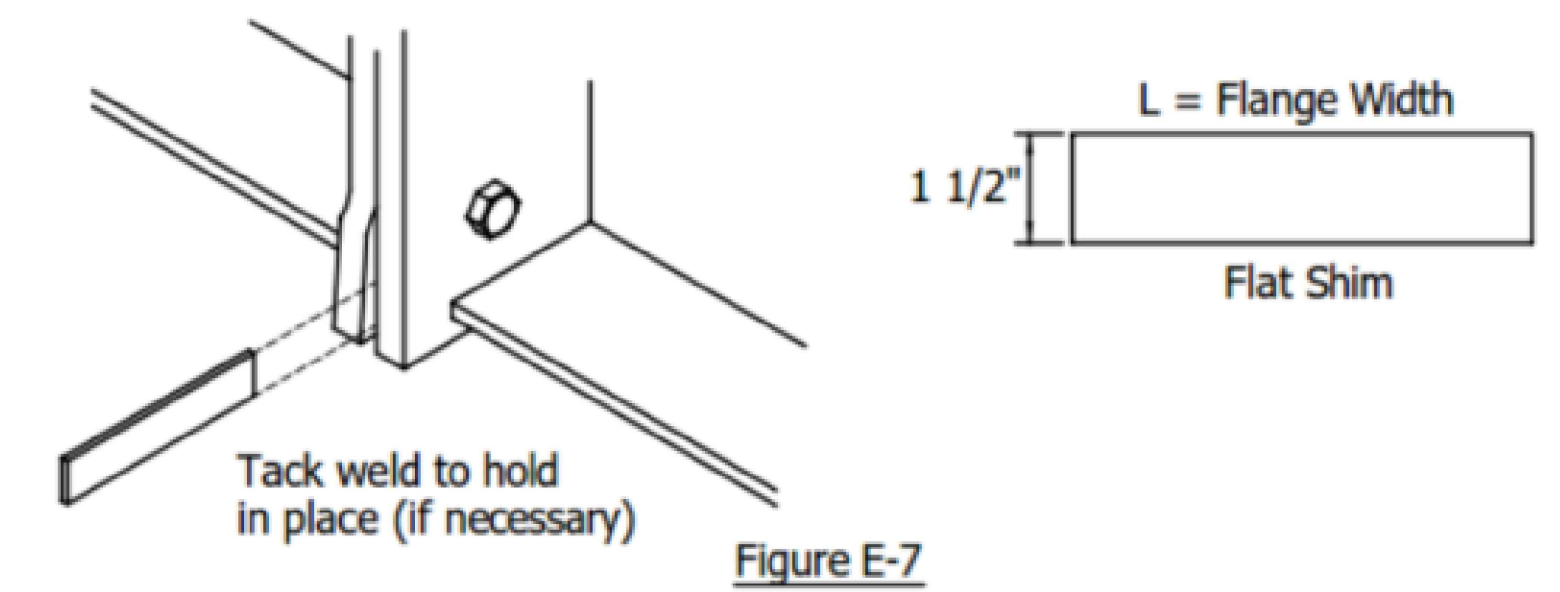
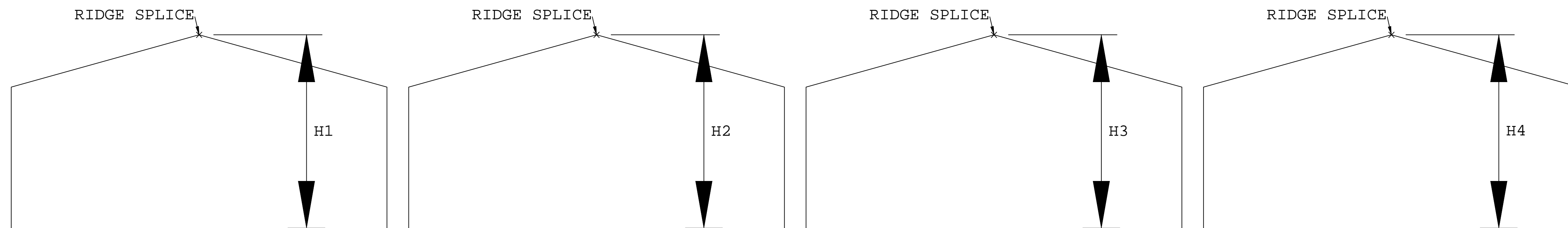


Figure E-8

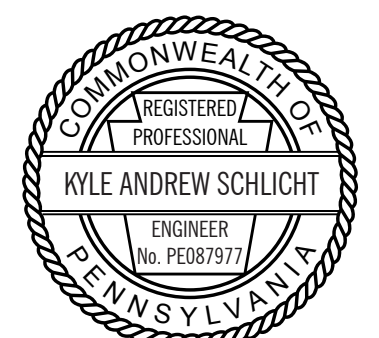
- Dim A = 1". Shim dimensions may vary from those shown if required for fit up
- Multiple shims may be stacked to fill required gap.
- Gaps greater than a 1/4" require engineering review. Contact your Project Manager.

**CAMBER (DL OR DL+CG) IS NOT INCLUDED ON THE FRAMES OF THIS PROJECT.
 **ALL DIMENSIONS ARE FROM FINISH FLOOR TO THE TOP OF THE SPLICE PLATE AT THE RIDGE.
 **NEGATIVE DEFLECTIONS ARE DOWNWARD, POSITIVE DEFLECTIONS OR CAMBER ARE UPWARD.
 **HEIGHTS ABOVE FINISH FLOOR ARE ROUNDED TO NEAREST SIXTEENTH.



Scenarios

1) THEORETICAL SHAPE			2) DEFLECTED SHAPE VIA SELF WT			3) DEFLECTED SHAPE VIA DL			4) DEFLECTED SHAPE VIA DL+CG		
GRID	(IN) FROM DATUM	H1 (FT) AFF	GRID	(IN) FROM DATUM	H2 (FT) AFF	GRID	(IN) FROM DATUM	H3 (FT) AFF	GRID	(IN) FROM DATUM	H4 (FT) AFF
ALL	0.000	32'-0 15/16"	FL 2&12	-0.342	32'-0 5/8"	FL 2&12	-0.622	32'-0 5/16"	FL 2&12	-0.854	32'-0 1/16"
			FL 3&11	-0.342	32'-0 5/8"	FL 3&11	-0.661	32'-0 1/4"	FL 3&11	-0.925	32'-0"
			FL 4-10	-0.342	32'-0 5/8"	FL 4-10	-0.696	32'-0 1/4"	FL 4-10	-0.990	31'-11 15/16"



07/18/2023

FOR BUILDING DEPT APPROVAL ONLY

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D BUTLER MANUFACTURING 1540 GENESSEE ST. KANSAS CITY, MO 64102			
REV:	DATE:	BY:	DESCRIPTION:
DRAWING SCALE:	NTS		
SAVE DATE:	SAVE TIME:		

LARGE CLEARSPAN NOTES			
BUILDER:	JOB #: 23-017456-01		
CUSTOMER:	DATE: 7/17/23		
LOCATION:	DRAWN/CHECK:		
PROJECT:	PAGE: 6		
BUILDER'S PO#:	VPC VERSION:		
a division of BlueScope Buildings North America, Inc.			

MODIFIED IN AUTOCAD

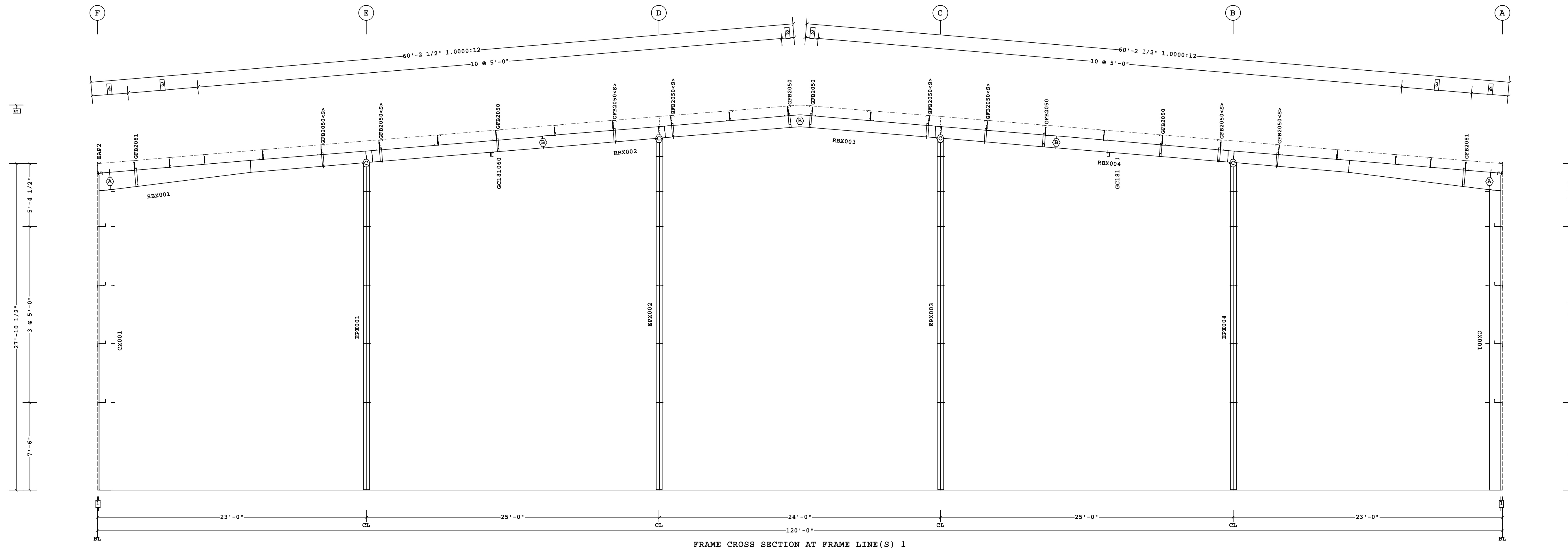
FILENAME:

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth	Approx.Weight	Detail
CX001	1	6.0000	.2500	.1644	1'-0"	1'-0"	27'-1 7/16"	485#	
RBX001	2	5.0000	.1875	.1345	1'-6"	1'-0"	37'-1 1/2"	503#	
	3	5.0000	.1875	.1345	1'-0"	1'-0"			
	4	5.0000	.1875	.1345	1'-0"	1'-0"			
RBX002	5-6	5.0000	.1875	.1345	1'-0"	1'-0"	22'-0 11/16"	294#	
RBX003	7-8	5.0000	.1875	.1345	1'-0"	1'-0"	22'-0 5/16"	293#	
RBX004	9	5.0000	.1875	.1345	1'-0"	1'-0"	37'-1 7/8"	503#	
	10	5.0000	.1875	.1345	1'-0"	1'-0"			
	11	5.0000	.1875	.1345	1'-0"	1'-6"			
CX001	12	6.0000	.2500	.1644	1'-0"	1'-0"	27'-1 7/16"	485#	
EPX001	13	6.0000	.2500	.1644	1'-0"	1'-0"	27'-11 11/16"	493#	BR25CA
EPX002	14	6.0000	.2500	.1644	1'-0"	1'-0"	30'-0 11/16"	529#	BR25CA
EPX003	15	6.0000	.2500	.1644	1'-0"	1'-0"	30'-0 11/16"	529#	BR25CA
EPX004	16	6.0000	.2500	.1644	1'-0"	1'-0"	27'-11 11/16"	493#	BR25CA

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"	2	1	0097284	
B	4	A325	3/4"	2 1/2"	3/8"	1	1	0097284	
C	4	A325	1/2"	1 1/2"	3/8"	1	1	49080	

<S> - (2) Washers (095872) req'd at Flange Brace to Secondary.

Frame Clearances
 Horiz. Clearance between members 1(CX001) and 12(CX001): 117'-8 11/16"
 Vert. Clearance at member 1(CX001): 25'-7 1/16"
 Vert. Clearance at member 12(CX001): 25'-7 1/16"
 Vert. Clearance at member 13(EPX001): 27'-11 7/16"
 Vert. Clearance at member 14(EPX002): 30'-0 7/16"
 Vert. Clearance at member 15(EPX003): 30'-0 7/16"
 Vert. Clearance at member 16(EPX004): 27'-11 7/16"
 Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



- 5 32'-10 1/2" Ridge Ht.
 - 4 3'-1 7/16"
 - 3 2 @ 3'-0"
 - 2 1'-1 1/16"
 - 1 1 5/8"
- Dimension Key

Shape Name = 120 X 280 X 28 Wall 4, Frame 1

1. USE 1/2 X 1 1/2 A325T BOLT (49080) AND NUT (47120) WO WASHERS. SNUG TIGHTEN BOLTS FOR ALL SECONDARY CONNECTIONS, SECONDARY CLIP CONNECTIONS, AND FLANGE BRACE CONNECTIONS, UNLESS NOTED OTHERWISE.
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D BUTLER MANUFACTURING 1540 GENESSEE ST. KANSAS CITY, MO 64102			
REV:	DATE:	BY:	DESCRIPTION:
DRAWING SCALE: NTS			

FRAME CROSS SECTION AT FRAME LINE(S) 1

BUILDER: C & M SALES, INC.
 CUSTOMER:
 LOCATION: Lake Ariel, Pennsylvania
 PROJECT: WEDCO 2023
 BUILDER'S PO#:



JOB #:
 DATE: 7/5/2023
 DRAWN/CHECK: /
 PAGE: 7

FOR BUILDING DEPT APPROVAL ONLY



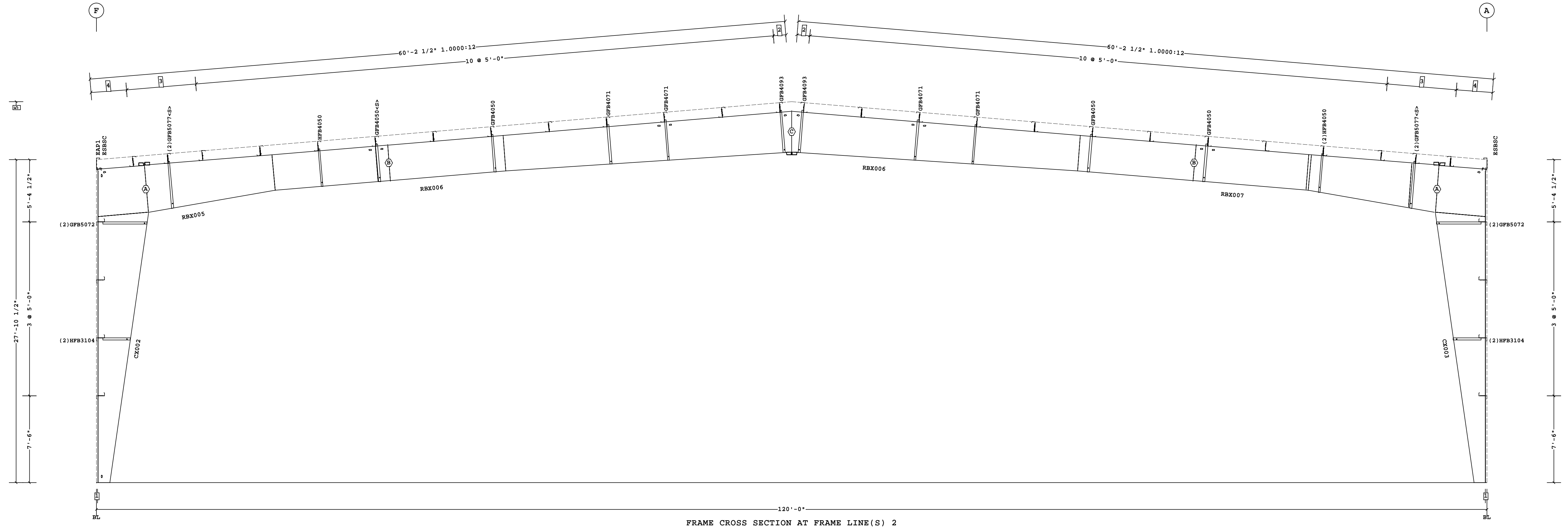
07/18/2023

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth	Approx.Weight
CX002	1	8.0000	.7500	.2500	1'-0"	4'-4"	27'-4 9/16"	2115#
RBX005	2	8.0000	.7500	.2500	4'-1"	3'-1"	21'-0 13/16"	1582#
	3	8.0000	.6250	.1875	3'-1"	3'-1"		
RBX006	4	8.0000	.5000	.1875	3'-1"	3'-1"	35'-0"	2088#
	5	8.0000	.6250	.1875	3'-1"	3'-6"		
RBX006	6	8.0000	.6250	.1875	3'-6"	3'-1"	35'-0"	2088#
	7	8.0000	.5000	.1875	3'-1"	3'-1"		
RBX007	8	8.0000	.6250	.1875	3'-1"	3'-1"	21'-0 13/16"	1605#
	9	8.0000	.7500	.2500	3'-1"	4'-1"		
CX003	10	8.0000	.7500	.2500	1'-0"	4'-4"	27'-4 9/16"	2115#

Bolt Connection & Plate Schedule									
Id	Qty	Grade	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	PartNo	
A	10	A325	7/8"	3 1/2"	3/4"	4	1	0097380	
B	8	A325	3/4"	2 1/2"	1/2"	2	1	0097284	
C	10	A325	3/4"	2 1/2"	5/8"	1	4	0097284	

<S> - (2) Washers (095872) req'd at Flange Brace to Secondary.

Frame Clearances
 Horiz. Clearance between members 1(CX002) and 10(CX003): 111'-0 11/16"
 Vert. Clearance at member 1(CX002): 23'-3 1/4"
 Vert. Clearance at member 10(CX003): 23'-3 1/4"
 Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



FRAME CROSS SECTION AT FRAME LINE(S) 2

- 5 32'-10 1/2" Ridge Ht.
 - 4 3'-1 7/16"
 - 3 2 @ 3'-0"
 - 2 1'-1 1/16"
 - 1 1 5/8"
- Dimension Key

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D BUTLER MANUFACTURING 1540 GENESSEE ST. KANSAS CITY, MO 64102			
REV:	DATE:	BY:	DESCRIPTION:
DRAWING SCALE: NTS			

FOR BUILDING DEPT APPROVAL ONLY			
BUILDER: C & M SALES, INC.		JOB #:	
CUSTOMER:		DATE: 7/5/2023	
LOCATION: Lake Ariel, Pennsylvania		DRAWN/CHECK: /	
PROJECT: WEDCO 2023		PAGE: 8	
BUILDER'S PO#:		Butler Manufacturing VPC VERSION: 2023.2	

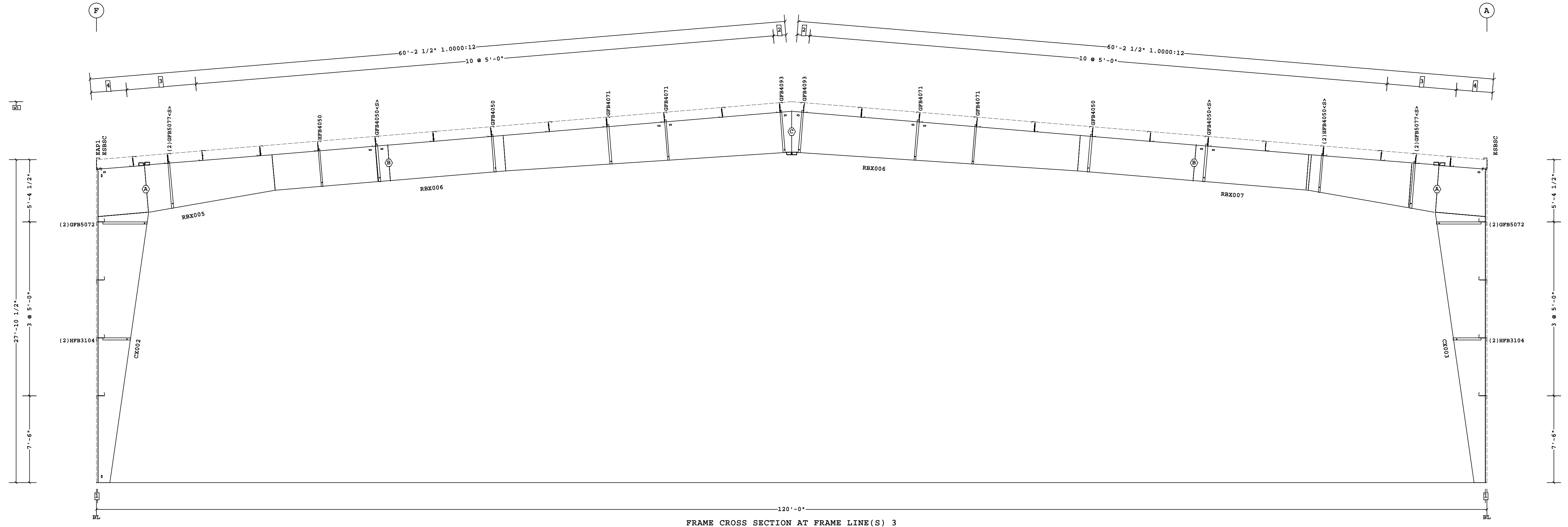


Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth	Approx.Weight
CX002	1	8.0000	.7500	.2500	1'-0"	4'-4"	27'-4 9/16"	2115#
RBX005	2	8.0000	.7500	.2500	4'-1"	3'-1"	21'-0 13/16"	1582#
	3	8.0000	.6250	.1875	3'-1"	3'-1"		
RBX006	4	8.0000	.5000	.1875	3'-1"	3'-1"	35'-0"	2088#
	5	8.0000	.6250	.1875	3'-1"	3'-6"		
RBX006	6	8.0000	.6250	.1875	3'-6"	3'-1"	35'-0"	2088#
	7	8.0000	.5000	.1875	3'-1"	3'-1"		
RBX007	8	8.0000	.6250	.1875	3'-1"	3'-1"	21'-0 13/16"	1605#
	9	8.0000	.7500	.2500	3'-1"	4'-1"		
CX003	10	8.0000	.7500	.2500	1'-0"	4'-4"	27'-4 9/16"	2115#

Bolt Connection & Plate Schedule									
Id	Qty	Grade	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	PartNo	
A	10	A325	7/8"	3 1/2"	3/4"	4	1	0097380	
B	8	A325	3/4"	2 1/2"	1/2"	2	1	0097284	
C	10	A325	3/4"	2 1/2"	5/8"	1	4	0097284	

<S> - (2) Washers (095872) req'd at Flange Brace to Secondary.

Frame Clearances
 Horiz. Clearance between members 1(CX002) and 10(CX003): 111'-0 11/16"
 Vert. Clearance at member 1(CX002): 23'-3 1/4"
 Vert. Clearance at member 10(CX003): 23'-3 1/4"
 Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



FRAME CROSS SECTION AT FRAME LINE(S) 3

- 5 32'-10 1/2" Ridge Ht.
 - 4 3'-1 7/16"
 - 3 2 @ 3'-0"
 - 2 1'-1 1/16"
 - 1 1 5/8"
- Dimension Key



FOR BUILDING DEPT APPROVAL ONLY

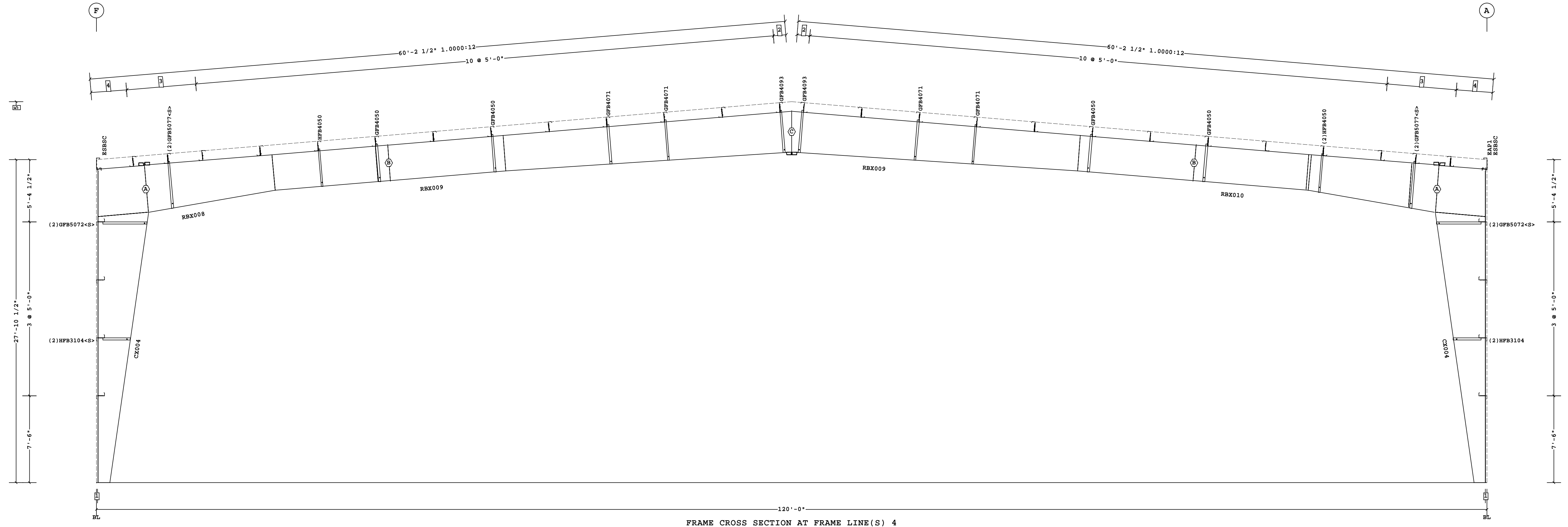
1. USE 1/2 X 1 1/2 A325T BOLT (49080) AND NUT (47120) WO WASHERS. SNUG TIGHTEN BOLTS FOR ALL SECONDARY CONNECTIONS, SECONDARY CLIP CONNECTIONS, AND FLANGE BRACE CONNECTIONS, UNLESS NOTED OTHERWISE. 2. SLOT REINFORCEMENT PLATES NEED NOT BE LOCATED ON THE SAME SIDE OF THE WEB AS THE HILLSIDE WASHER.	THE BUTLER MFG. ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF BUTLER MFG. AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER. THE BUTLER MFG. ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY BUTLER EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER.	THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF BUTLER MFG. 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 BUTLER MFG. 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 BUTLER MFG. ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.	D BUTLER MANUFACTURING 1540 GENESSEE ST. KANSAS CITY, MO 64102	FRAME CROSS SECTION AT FRAME LINE(S) 3	
				REV: DATE: BY: DESCRIPTION:	BUILDER: C & M SALES, INC. CUSTOMER: LOCATION: Lake Ariel, Pennsylvania PROJECT: WEDCO 2023 BUILDER'S PO#:

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth	Approx.Weight
CX004	1	8.0000	.7500	.2500	1'-0"	4'-4"	27'-4 9/16"	2115#
RBX008	2	8.0000	.7500	.2500	4'-1"	3'-1"	21'-0 13/16"	1582#
	3	8.0000	.6250	.1875	3'-1"	3'-1"		
RBX009	4	8.0000	.5000	.1875	3'-1"	3'-1"	35'-0"	2088#
	5	8.0000	.6250	.1875	3'-1"	3'-6"		
RBX009	6	8.0000	.6250	.1875	3'-6"	3'-1"	35'-0"	2088#
	7	8.0000	.5000	.1875	3'-1"	3'-1"		
RBX010	8	8.0000	.6250	.1875	3'-1"	3'-1"	21'-0 13/16"	1605#
	9	8.0000	.7500	.2500	3'-1"	4'-1"		
CX004	10	8.0000	.7500	.2500	1'-0"	4'-4"	27'-4 9/16"	2115#

Bolt Connection & Plate Schedule									
Id	Qty	Grade	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	PartNo	
A	10	A325	7/8"	3 1/2"	3/4"	4	1	0097380	
B	8	A325	3/4"	2 1/2"	1/2"	2	1	0097284	
C	10	A325	3/4"	2 1/2"	5/8"	1	4	0097284	

<S> - (2) Washers (095872) req'd at Flange Brace to Secondary.

Frame Clearances
 Horiz. Clearance between members 1(CX004) and 10(CX004): 111'-0 11/16"
 Vert. Clearance at member 1(CX004): 23'-3 1/4"
 Vert. Clearance at member 10(CX004): 23'-3 1/4"
 Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



FRAME CROSS SECTION AT FRAME LINE(S) 4

- 5 32'-10 1/2" Ridge Ht.
 - 4 3'-1 7/16"
 - 3 2 @ 3'-0"
 - 2 1'-1 1/16"
 - 1 1 5/8"
- Dimension Key



FOR BUILDING DEPT APPROVAL ONLY

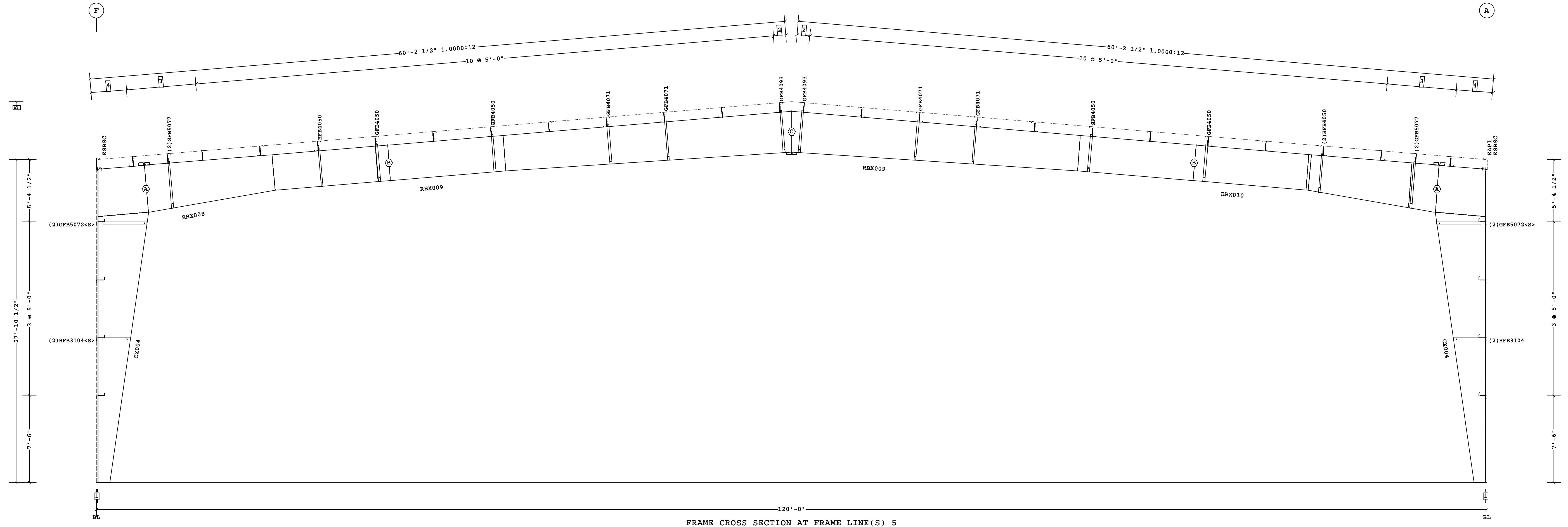
1. USE 1/2 X 1 1/2 A325T BOLT (49080) AND NUT (47120) WO WASHERS. SNUG TIGHTEN BOLTS FOR ALL SECONDARY CONNECTIONS, SECONDARY CLIP CONNECTIONS, AND FLANGE BRACE CONNECTIONS, UNLESS NOTED OTHERWISE. 2. SLOT REINFORCEMENT PLATES NEED NOT BE LOCATED ON THE SAME SIDE OF THE WEB AS THE HILLSIDE WASHER.	THE BUTLER MFG. ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF BUTLER MFG. AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER. THE BUTLER MFG. ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY BUTLER EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER.	THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF BUTLER MFG. 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 BUTLER MFG. 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 BUTLER MFG. ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.	D BUTLER MANUFACTURING 1540 GENESSEE ST. KANSAS CITY, MO 64102	FRAME CROSS SECTION AT FRAME LINE(S) 4	
				REV: DATE: BY: DESCRIPTION:	BUILDER: C & M SALES, INC. CUSTOMER: LOCATION: Lake Ariel, Pennsylvania PROJECT: WEDCO 2023 BUILDER'S PO#:

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth	Approx.Weight
CX004	1	8.0000	.7500	.2500	1'-0"	4'-4"	27'-4 9/16"	2115#
RBX008	2	8.0000	.7500	.2500	4'-1"	3'-1"	21'-0 13/16"	1582#
	3	8.0000	.6250	.1875	3'-1"	3'-1"		
RBX009	4	8.0000	.5000	.1875	3'-1"	3'-1"	35'-0"	2088#
	5	8.0000	.6250	.1875	3'-1"	3'-6"		
RBX009	6	8.0000	.6250	.1875	3'-1"	3'-1"	35'-0"	2088#
	7	8.0000	.5000	.1875	3'-1"	3'-1"		
RBX010	8	8.0000	.6250	.1875	3'-1"	3'-1"	21'-0 13/16"	1605#
	9	8.0000	.7500	.2500	3'-1"	4'-1"		
CX004	10	8.0000	.7500	.2500	1'-0"	4'-4"	27'-4 9/16"	2115#

Bolt Connection & Plate Schedule									
Id	Qty	Grade	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	PartNo	
A	10	A325	7/8"	3 1/2"	3/4"	4	1	0097380	
B	8	A325	3/4"	2 1/2"	1/2"	2	1	0097284	
C	10	A325	3/4"	2 1/2"	5/8"	1	4	0097284	

<S> - (2) Washers (095872) req'd at Flange Brace to Secondary.

Frame Clearances
 Horiz. Clearance between members 1(CX004) and 10(CX004): 111'-0 11/16"
 Vert. Clearance at member 1(CX004): 23'-3 1/4"
 Vert. Clearance at member 10(CX004): 23'-3 1/4"
 Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



- 5 32'-10 1/2" Ridge Ht.
 - 4 3'-1 7/16"
 - 3 2 @ 3'-0"
 - 2 1'-1 1/16"
 - 1 1 5/8"
- Dimension Key

Shape Name = 120 X 280 X 28 Wall 4, Frame 5

1. USE 1/2 X 1 1/2 A325T BOLT (49080) AND NUT (47120) WO 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 BUTLER MFG. ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF BUTLER MFG. AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER. THE BUTLER MFG. ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY BUTLER EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER.

THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF BUTLER MFG. 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 BUTLER MFG.

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 BUTLER MFG. ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.

D BUTLER MANUFACTURING 1540 GENESSEE ST. KANSAS CITY, MO 64102			
REV:	DATE:	BY:	DESCRIPTION:
DRAWING SCALE: NTS			

FRAME CROSS SECTION AT FRAME LINE(S) 5

BUILDER: C & M SALES, INC.
CUSTOMER:
LOCATION: Lake Ariel, Pennsylvania
PROJECT: WEDCO 2023
BUILDER'S PO#:



JOB #:
DATE: 7/5/2023
DRAWN/CHECK: /
PAGE: 11

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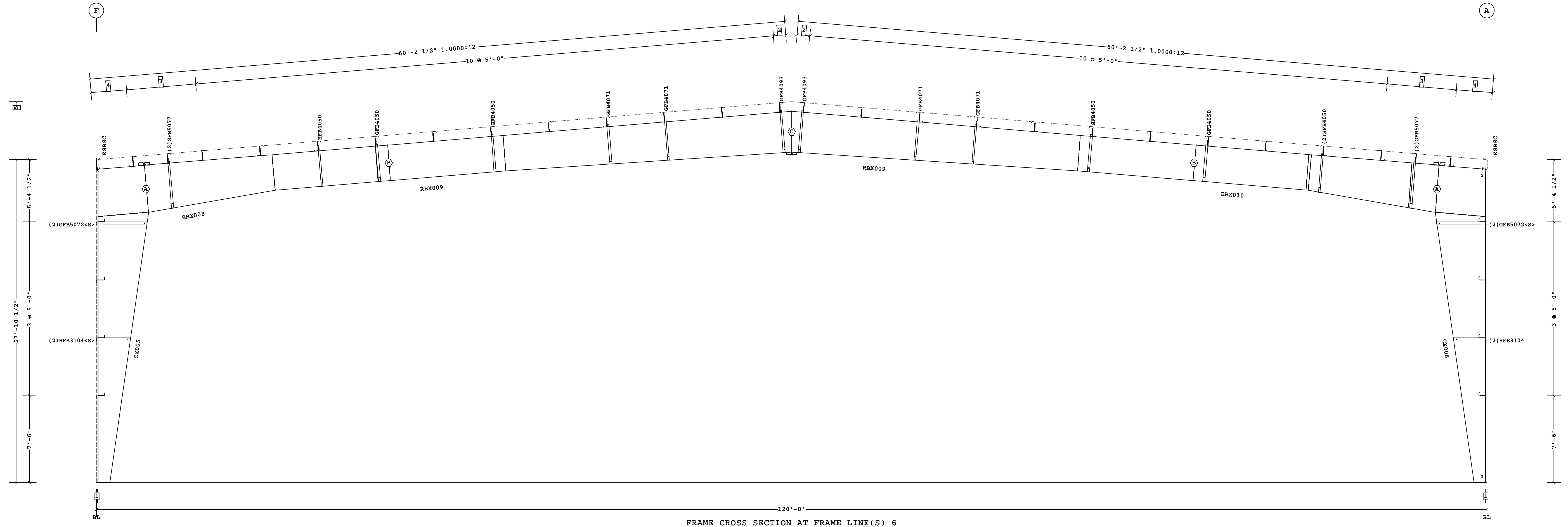
07/18/2023

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth	Approx.Weight
CX005	1	8.0000	.7500	.2500	1'-0"	4'-4"	27'-4 9/16"	2142#
RBX008	2	8.0000	.7500	.2500	4'-1"	3'-1"	21'-0 13/16"	1582#
	3	8.0000	.6250	.1875	3'-1"	3'-1"		
RBX009	4	8.0000	.5000	.1875	3'-1"	3'-1"	35'-0"	2088#
	5	8.0000	.6250	.1875	3'-1"	3'-6"		
RBX009	6	8.0000	.6250	.1875	3'-6"	3'-1"	35'-0"	2088#
	7	8.0000	.5000	.1875	3'-1"	3'-1"		
RBX010	8	8.0000	.6250	.1875	3'-1"	3'-1"	21'-0 13/16"	1605#
	9	8.0000	.7500	.2500	3'-1"	4'-1"		
CX006	10	8.0000	.7500	.2500	1'-0"	4'-4"	27'-4 9/16"	2115#

Bolt Connection & Plate Schedule									
Id	Qty	Grade	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	PartNo	
A	10	A325	7/8"	3 1/2"	3/4"	4	1	0097380	
B	8	A325	3/4"	2 1/2"	1/2"	2	1	0097284	
C	10	A325	3/4"	2 1/2"	5/8"	1	4	0097284	

<S> - (2) Washers (095872) req'd at Flange Brace to Secondary.

Frame Clearances
 Horiz. Clearance between members 1(CX005) and 10(CX006): 111'-0 11/16"
 Vert. Clearance at member 1(CX005): 23'-3 1/4"
 Vert. Clearance at member 10(CX006): 23'-3 1/4"
 Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



FRAME CROSS SECTION AT FRAME LINE(S) 6

- 5 32'-10 1/2" Ridge Ht.
 - 4 3'-1 7/16"
 - 3 2 @ 3'-0"
 - 2 1'-1 1/16"
 - 1 1 5/8"
- Dimension Key



FOR BUILDING DEPT APPROVAL ONLY

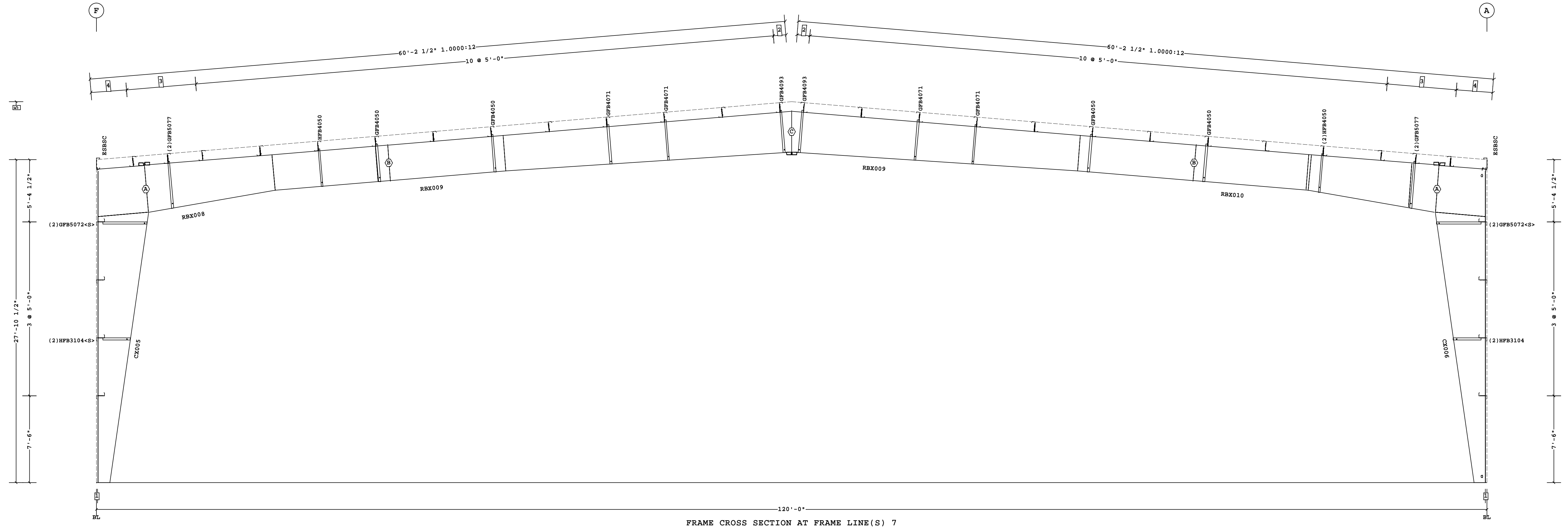
1. USE 1/2 X 1 1/2 A325T BOLT (49080) AND NUT (47120) WO WASHERS. SNUG TIGHTEN BOLTS FOR ALL SECONDARY CONNECTIONS, SECONDARY CLIP CONNECTIONS, AND FLANGE BRACE CONNECTIONS, UNLESS NOTED OTHERWISE. 2. SLOT REINFORCEMENT PLATES NEED NOT BE LOCATED ON THE SAME SIDE OF THE WEB AS THE HILLSIDE WASHER.	THE BUTLER MFG. ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF BUTLER MFG. AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER. THE BUTLER MFG. ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY BUTLER EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER.	THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF BUTLER MFG. 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 BUTLER MFG. 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 BUTLER MFG. ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.	D BUTLER MANUFACTURING 1540 GENESSEE ST. KANSAS CITY, MO 64102	FRAME CROSS SECTION AT FRAME LINE(S) 6	
				REV: DATE: BY: DESCRIPTION:	BUILDER: C & M SALES, INC. CUSTOMER: LOCATION: Lake Ariel, Pennsylvania PROJECT: WEDCO 2023 BUILDER'S PO#:

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth	Approx.Weight
CX005	1	8.0000	.7500	.2500	1'-0"	4'-4"	27'-4 9/16"	2142#
RBX008	2	8.0000	.7500	.2500	4'-1"	3'-1"	21'-0 13/16"	1582#
	3	8.0000	.6250	.1875	3'-1"	3'-1"		
RBX009	4	8.0000	.5000	.1875	3'-1"	3'-1"	35'-0"	2088#
	5	8.0000	.6250	.1875	3'-1"	3'-6"		
RBX009	6	8.0000	.6250	.1875	3'-6"	3'-1"	35'-0"	2088#
	7	8.0000	.5000	.1875	3'-1"	3'-1"		
RBX010	8	8.0000	.6250	.1875	3'-1"	3'-1"	21'-0 13/16"	1605#
	9	8.0000	.7500	.2500	3'-1"	4'-1"		
CX006	10	8.0000	.7500	.2500	1'-0"	4'-4"	27'-4 9/16"	2115#

Bolt Connection & Plate Schedule									
Id	Qty	Grade	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	PartNo	
A	10	A325	7/8"	3 1/2"	3/4"	4	1	0097380	
B	8	A325	3/4"	2 1/2"	1/2"	2	1	0097284	
C	10	A325	3/4"	2 1/2"	5/8"	1	4	0097284	

<S> - (2) Washers (095872) req'd at Flange Brace to Secondary.

Frame Clearances
 Horiz. Clearance between members 1(CX005) and 10(CX006): 111'-0 11/16"
 Vert. Clearance at member 1(CX005): 23'-3 1/4"
 Vert. Clearance at member 10(CX006): 23'-3 1/4"
 Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



- 5 32'-10 1/2" Ridge Ht.
 - 4 3'-1 7/16"
 - 3 2 @ 3'-0"
 - 2 1'-1 1/16"
 - 1 1 5/8"
- Dimension Key



FOR BUILDING DEPT APPROVAL ONLY

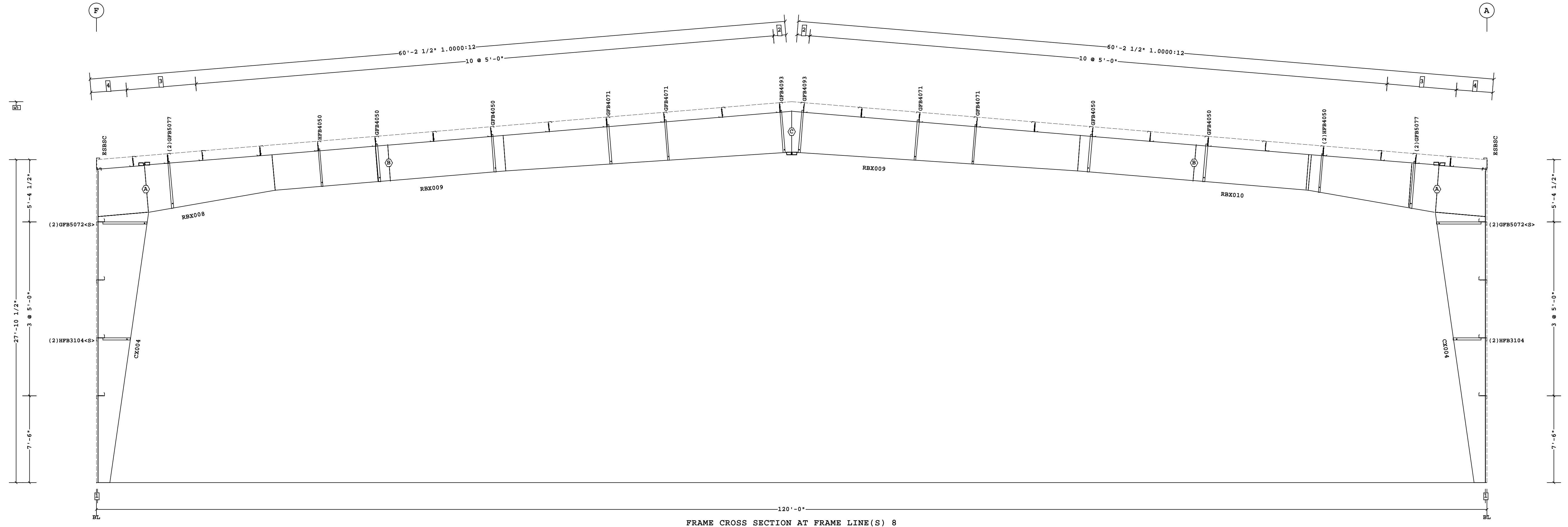
1. USE 1/2 X 1 1/2 A325T BOLT (49080) AND NUT (47120) WO WASHERS. SNUG TIGHTEN BOLTS FOR ALL SECONDARY CONNECTIONS, SECONDARY CLIP CONNECTIONS, AND FLANGE BRACE CONNECTIONS, UNLESS NOTED OTHERWISE. 2. SLOT REINFORCEMENT PLATES NEED NOT BE LOCATED ON THE SAME SIDE OF THE WEB AS THE HILLSIDE WASHER.	THE BUTLER MFG. ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF BUTLER MFG. AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER. THE BUTLER MFG. ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY BUTLER EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER.	THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF BUTLER MFG. 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 BUTLER MFG. 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 BUTLER MFG. ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.	D BUTLER MANUFACTURING 1540 GENESSEE ST. KANSAS CITY, MO 64102	FRAME CROSS SECTION AT FRAME LINE(S) 7	
				REV: DATE: BY: DESCRIPTION:	BUILDER: C & M SALES, INC. CUSTOMER: LOCATION: Lake Ariel, Pennsylvania PROJECT: WEDCO 2023 BUILDER'S PO#:

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth	Approx.Weight
CX004	1	8.0000	.7500	.2500	1'-0"	4'-4"	27'-4 9/16"	2115#
RBX008	2	8.0000	.7500	.2500	4'-1"	3'-1"	21'-0 13/16"	1582#
	3	8.0000	.6250	.1875	3'-1"	3'-1"		
RBX009	4	8.0000	.5000	.1875	3'-1"	3'-1"	35'-0"	2088#
	5	8.0000	.6250	.1875	3'-1"	3'-6"		
RBX009	6	8.0000	.6250	.1875	3'-6"	3'-1"	35'-0"	2088#
	7	8.0000	.5000	.1875	3'-1"	3'-1"		
RBX010	8	8.0000	.6250	.1875	3'-1"	3'-1"	21'-0 13/16"	1605#
	9	8.0000	.7500	.2500	3'-1"	4'-1"		
CX004	10	8.0000	.7500	.2500	1'-0"	4'-4"	27'-4 9/16"	2115#

Bolt Connection & Plate Schedule									
Id	Qty	Grade	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	PartNo	
A	10	A325	7/8"	3 1/2"	3/4"	4	1	0097380	
B	8	A325	3/4"	2 1/2"	1/2"	2	1	0097284	
C	10	A325	3/4"	2 1/2"	5/8"	1	4	0097284	

<S> - (2) Washers (095872) req'd at Flange Brace to Secondary.

Frame Clearances
 Horiz. Clearance between members 1(CX004) and 10(CX004): 111'-0 11/16"
 Vert. Clearance at member 1(CX004): 23'-3 1/4"
 Vert. Clearance at member 10(CX004): 23'-3 1/4"
 Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



FRAME CROSS SECTION AT FRAME LINE(S) 8

- 5 32'-10 1/2" Ridge Ht.
 - 4 3'-1 7/16"
 - 3 2 @ 3'-0"
 - 2 1'-1 1/16"
 - 1 1 5/8"
- Dimension Key



FOR BUILDING DEPT APPROVAL ONLY

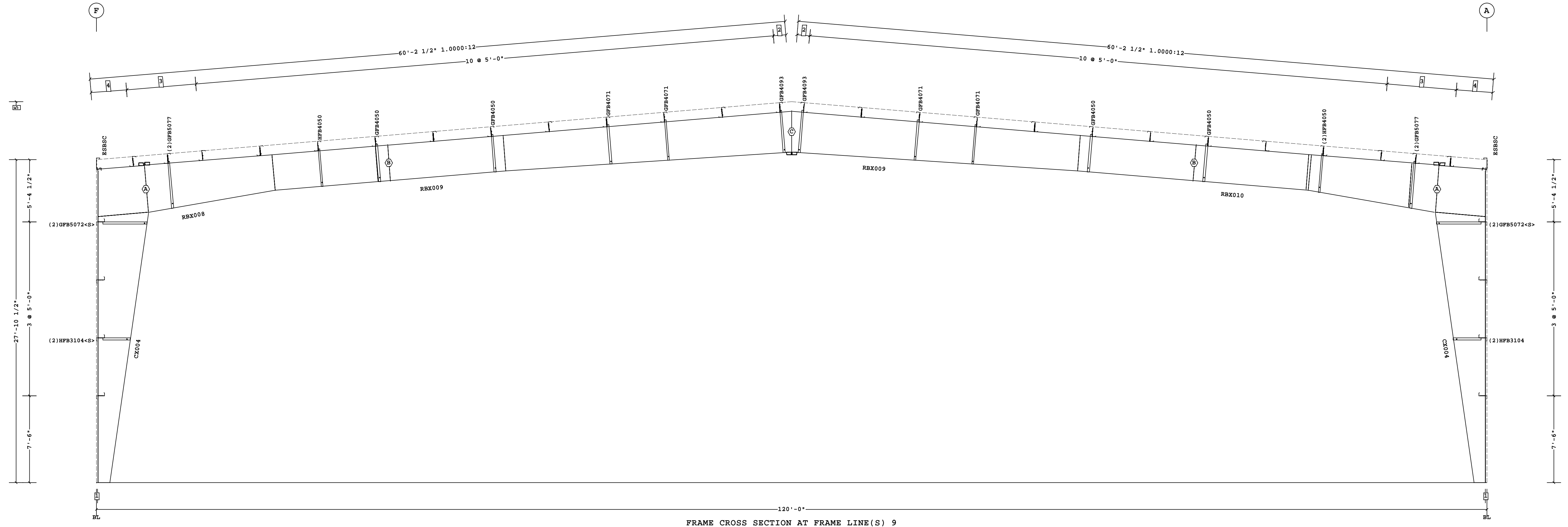
1. USE 1/2 X 1 1/2 A325T BOLT (49080) AND NUT (47120) W/O WASHERS. SNUG TIGHTEN BOLTS FOR ALL SECONDARY CONNECTIONS, SECONDARY CLIP CONNECTIONS, AND FLANGE BRACE CONNECTIONS, UNLESS NOTED OTHERWISE. 2. SLOT REINFORCEMENT PLATES NEED NOT BE LOCATED ON THE SAME SIDE OF THE WEB AS THE HILLSIDE WASHER.	THE BUTLER MFG. ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF BUTLER MFG. AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER. THE BUTLER MFG. ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY BUTLER EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER.	THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF BUTLER MFG. 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 BUTLER MFG. 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 BUTLER MFG. ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.	D BUTLER MANUFACTURING 1540 GENESSEE ST. KANSAS CITY, MO 64102	FRAME CROSS SECTION AT FRAME LINE(S) 8	
				REV: DATE: BY: DESCRIPTION:	BUILDER: C & M SALES, INC. CUSTOMER: LOCATION: Lake Ariel, Pennsylvania PROJECT: WEDCO 2023 BUILDER'S PO#:

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth	Approx.Weight
CX004	1	8.0000	.7500	.2500	1'-0"	4'-4"	27'-4 9/16"	2115#
RBX008	2	8.0000	.7500	.2500	4'-1"	3'-1"	21'-0 13/16"	1582#
	3	8.0000	.6250	.1875	3'-1"	3'-1"		
RBX009	4	8.0000	.5000	.1875	3'-1"	3'-1"	35'-0"	2088#
	5	8.0000	.6250	.1875	3'-1"	3'-6"		
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	7	8.0000	.5000	.1875	3'-1"	3'-1"		
RBX010	8	8.0000	.6250	.1875	3'-1"	3'-1"	21'-0 13/16"	1605#
	9	8.0000	.7500	.2500	3'-1"	4'-1"		
CX004	10	8.0000	.7500	.2500	1'-0"	4'-4"	27'-4 9/16"	2115#

Bolt Connection & Plate Schedule									
Id	Qty	Grade	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	PartNo	
A	10	A325	7/8"	3 1/2"	3/4"	4	1	0097380	
B	8	A325	3/4"	2 1/2"	1/2"	2	1	0097284	
C	10	A325	3/4"	2 1/2"	5/8"	1	4	0097284	

<S> - (2) Washers (095872) req'd at Flange Brace to Secondary.

Frame Clearances
 Horiz. Clearance between members 1(CX004) and 10(CX004): 111'-0 11/16"
 Vert. Clearance at member 1(CX004): 23'-3 1/4"
 Vert. Clearance at member 10(CX004): 23'-3 1/4"
 Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



FRAME CROSS SECTION AT FRAME LINE(S) 9

- 5 32'-10 1/2" Ridge Ht.
 - 4 3'-1 7/16"
 - 3 2 @ 3'-0"
 - 2 1'-1 1/16"
 - 1 1 5/8"
- Dimension Key



FOR BUILDING DEPT APPROVAL ONLY

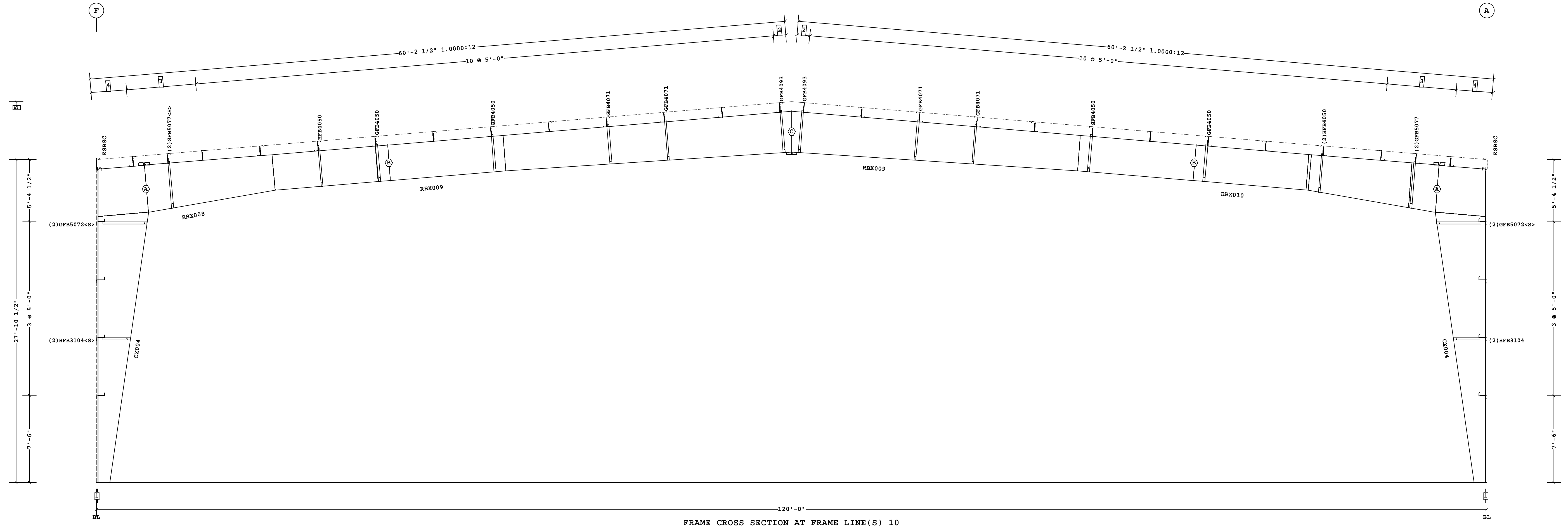
1. USE 1/2 X 1 1/2 A325T BOLT (49080) AND NUT (47120) WO WASHERS. SNUG TIGHTEN BOLTS FOR ALL SECONDARY CONNECTIONS, SECONDARY CLIP CONNECTIONS, AND FLANGE BRACE CONNECTIONS, UNLESS NOTED OTHERWISE. 2. SLOT REINFORCEMENT PLATES NEED NOT BE LOCATED ON THE SAME SIDE OF THE WEB AS THE HILLSIDE WASHER.	THE BUTLER MFG. ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF BUTLER MFG. AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER. THE BUTLER MFG. ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY BUTLER EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER.	THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF BUTLER MFG. 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 BUTLER MFG. 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 BUTLER MFG. ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.	D BUTLER MANUFACTURING 1540 GENESSEE ST. KANSAS CITY, MO 64102	FRAME CROSS SECTION AT FRAME LINE(S) 9	
				REV: DATE: BY: DESCRIPTION:	BUILDER: C & M SALES, INC. CUSTOMER: LOCATION: Lake Ariel, Pennsylvania PROJECT: WEDCO 2023 BUILDER'S PO#:

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth	Approx.Weight
CX004	1	8.0000	.7500	.2500	1'-0"	4'-4"	27'-4 9/16"	2115#
RBX008	2	8.0000	.7500	.2500	4'-1"	3'-1"	21'-0 13/16"	1582#
	3	8.0000	.6250	.1875	3'-1"	3'-1"		
RBX009	4	8.0000	.5000	.1875	3'-1"	3'-1"	35'-0"	2088#
	5	8.0000	.6250	.1875	3'-1"	3'-6"		
RBX009	6	8.0000	.6250	.1875	3'-6"	3'-1"	35'-0"	2088#
	7	8.0000	.5000	.1875	3'-1"	3'-1"		
RBX010	8	8.0000	.6250	.1875	3'-1"	3'-1"	21'-0 13/16"	1605#
	9	8.0000	.7500	.2500	3'-1"	4'-1"		
CX004	10	8.0000	.7500	.2500	1'-0"	4'-4"	27'-4 9/16"	2115#

Bolt Connection & Plate Schedule									
Id	Qty	Grade	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	PartNo	
A	10	A325	7/8"	3 1/2"	3/4"	4	1	0097380	
B	8	A325	3/4"	2 1/2"	1/2"	2	1	0097284	
C	10	A325	3/4"	2 1/2"	5/8"	1	4	0097284	

<S> - (2) Washers (095872) req'd at Flange Brace to Secondary.

Frame Clearances
 Horiz. Clearance between members 1(CX004) and 10(CX004): 111'-0 11/16"
 Vert. Clearance at member 1(CX004): 23'-3 1/4"
 Vert. Clearance at member 10(CX004): 23'-3 1/4"
 Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



- 5 32'-10 1/2" Ridge Ht.
 - 4 3'-1 7/16"
 - 3 2 @ 3'-0"
 - 2 1'-1 1/16"
 - 1 1 5/8"
- Dimension Key

1. USE 1/2 X 1 1/2 A325T BOLT (49080) AND NUT (47120) WO 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 BUTLER MFG. ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF BUTLER MFG. AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER. THE BUTLER MFG. ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY BUTLER EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER.

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D	BUTLER MANUFACTURING 1540 GENESSEE ST. KANSAS CITY, MO 64102		
	REV:	DATE:	BY:
			DESCRIPTION:
DRAWING SCALE:			NTS

FOR BUILDING DEPT APPROVAL ONLY		FRAME CROSS SECTION AT FRAME LINE(S) 10
BUILDER:	C & M SALES, INC.	JOB #:
CUSTOMER:		DATE:
LOCATION:	Lake Ariel, Pennsylvania	7/5/2023
PROJECT:	WEDCO 2023	DRAWN/CHECK:
BUILDER'S PO#:		PAGE:
		16

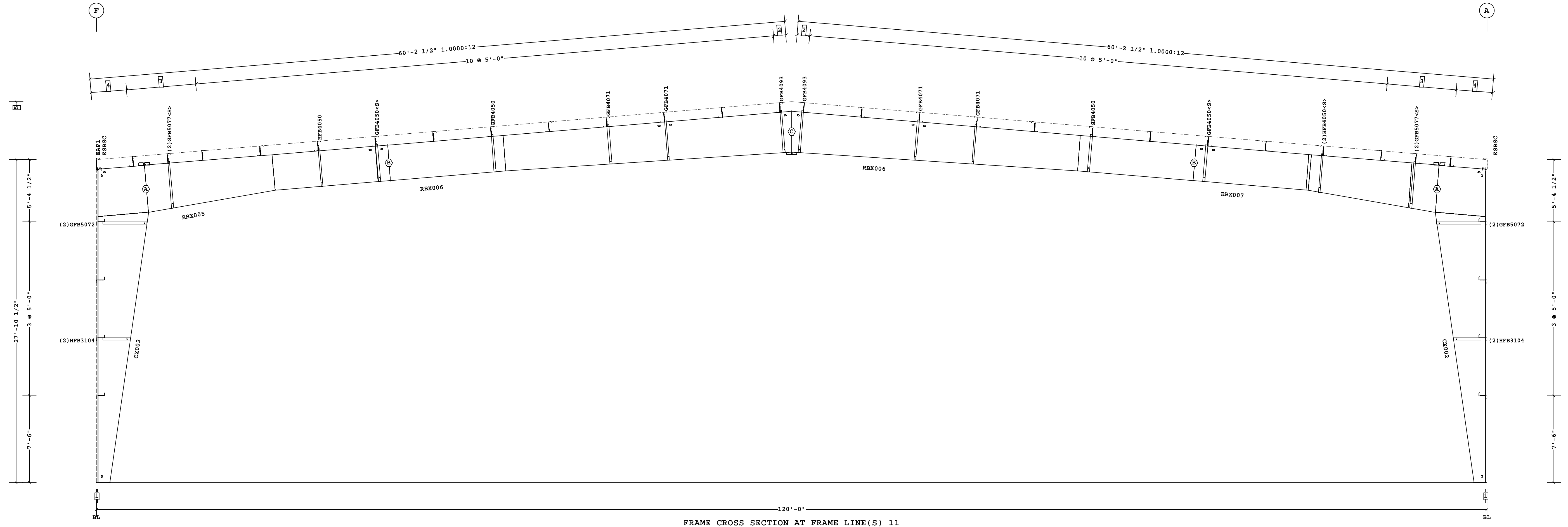


Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth	Approx.Weight
CX002	1	8.0000	.7500	.2500	1'-0"	4'-4"	27'-4 9/16"	2115#
RBX005	2	8.0000	.7500	.2500	4'-1"	3'-1"	21'-0 13/16"	1582#
	3	8.0000	.6250	.1875	3'-1"	3'-1"		
RBX006	4	8.0000	.5000	.1875	3'-1"	3'-1"	35'-0"	2088#
	5	8.0000	.6250	.1875	3'-1"	3'-6"		
RBX006	6	8.0000	.6250	.1875	3'-6"	3'-1"	35'-0"	2088#
	7	8.0000	.5000	.1875	3'-1"	3'-1"		
RBX007	8	8.0000	.6250	.1875	3'-1"	3'-1"	21'-0 13/16"	1605#
	9	8.0000	.7500	.2500	3'-1"	4'-1"		
CX002	10	8.0000	.7500	.2500	1'-0"	4'-4"	27'-4 9/16"	2115#

Bolt Connection & Plate Schedule									
Id	Qty	Grade	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	PartNo	
A	10	A325	7/8"	3 1/2"	3/4"	4	1	0097380	
B	8	A325	3/4"	2 1/2"	1/2"	2	1	0097284	
C	10	A325	3/4"	2 1/2"	5/8"	1	4	0097284	

<S> - (2) Washers (095872) req'd at Flange Brace to Secondary.

Frame Clearances
 Horiz. Clearance between members 1(CX002) and 10(CX002): 111'-0 11/16"
 Vert. Clearance at member 1(CX002): 23'-3 1/4"
 Vert. Clearance at member 10(CX002): 23'-3 1/4"
 Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



FRAME CROSS SECTION AT FRAME LINE(S) 11

- 5 32'-10 1/2" Ridge Ht.
 - 4 3'-1 7/16"
 - 3 2 @ 3'-0"
 - 2 1'-1 1/16"
 - 1 1 5/8"
- Dimension Key

1. USE 1/2 X 1 1/2 A325T BOLT (49080) AND NUT (47120) WO 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 BUTLER MFG. ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF BUTLER MFG. AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER. THE BUTLER MFG. ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY BUTLER EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER.

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D BUTLER MANUFACTURING 1540 GENESSEE ST. KANSAS CITY, MO 64102			
REV:	DATE:	BY:	DESCRIPTION:
DRAWING SCALE: NTS			

FOR BUILDING DEPT APPROVAL ONLY			
BUILDER: C & M SALES, INC.		JOB #:	
CUSTOMER:		DATE: 7/5/2023	
LOCATION: Lake Ariel, Pennsylvania		DRAWN/CHECK: /	
PROJECT: WEDCO 2023		PAGE: 17	
BUILDER'S PO#:		Butler Manufacturing VPC VERSION: 2023.2	

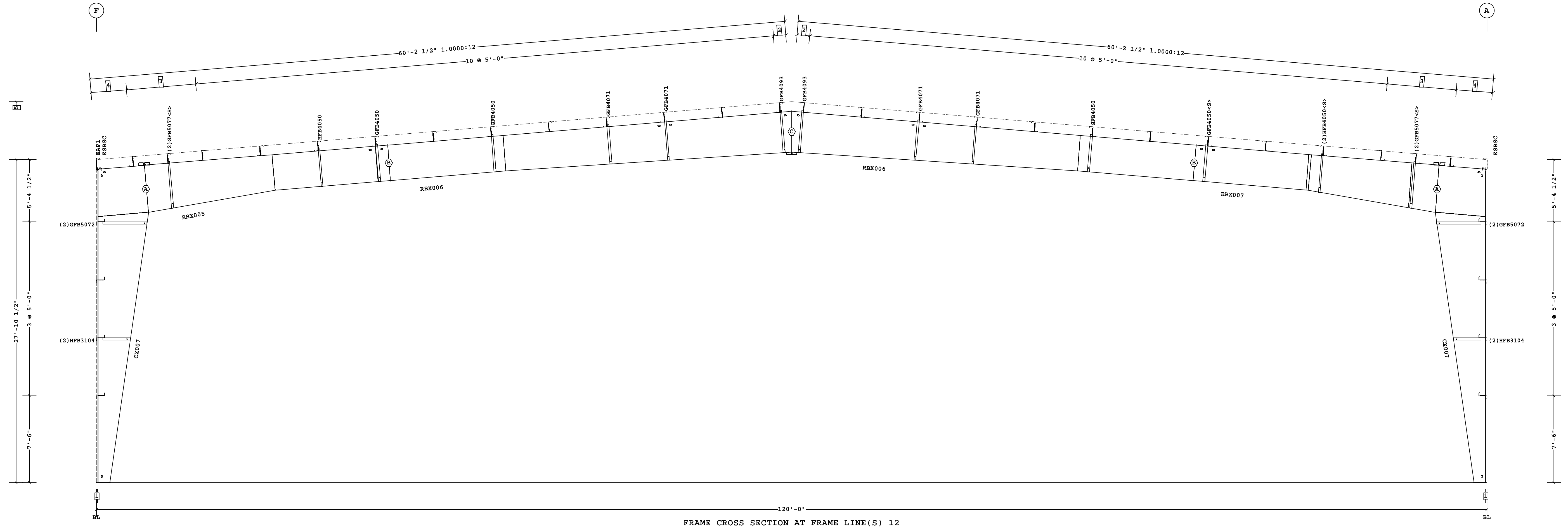


Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth	Approx.Weight
CX007	1	8.0000	.7500	.2500	1'-0"	4'-4"	27'-4 9/16"	2115#
RBX005	2	8.0000	.7500	.2500	4'-1"	3'-1"	21'-0 13/16"	1582#
	3	8.0000	.6250	.1875	3'-1"	3'-1"		
RBX006	4	8.0000	.5000	.1875	3'-1"	3'-1"	35'-0"	2088#
	5	8.0000	.6250	.1875	3'-1"	3'-6"		
RBX006	6	8.0000	.6250	.1875	3'-6"	3'-1"	35'-0"	2088#
	7	8.0000	.5000	.1875	3'-1"	3'-1"		
RBX007	8	8.0000	.6250	.1875	3'-1"	3'-1"	21'-0 13/16"	1605#
	9	8.0000	.7500	.2500	3'-1"	4'-1"		
CX007	10	8.0000	.7500	.2500	1'-0"	4'-4"	27'-4 9/16"	2115#

Bolt Connection & Plate Schedule									
Id	Qty	Grade	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	PartNo	
A	10	A325	7/8"	3 1/2"	3/4"	4	1	0097380	
B	8	A325	3/4"	2 1/2"	1/2"	2	1	0097284	
C	10	A325	3/4"	2 1/2"	5/8"	1	4	0097284	

<S> - (2) Washers (095872) req'd at Flange Brace to Secondary.

Frame Clearances
 Horiz. Clearance between members 1(CX007) and 10(CX007): 111'-0 11/16"
 Vert. Clearance at member 1(CX007): 23'-3 1/4"
 Vert. Clearance at member 10(CX007): 23'-3 1/4"
 Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



FRAME CROSS SECTION AT FRAME LINE(S) 12

- 5 32'-10 1/2" Ridge Ht.
 - 4 3'-1 7/16"
 - 3 2 @ 3'-0"
 - 2 1'-1 1/16"
 - 1 1 5/8"
- Dimension Key



FOR BUILDING DEPT APPROVAL ONLY

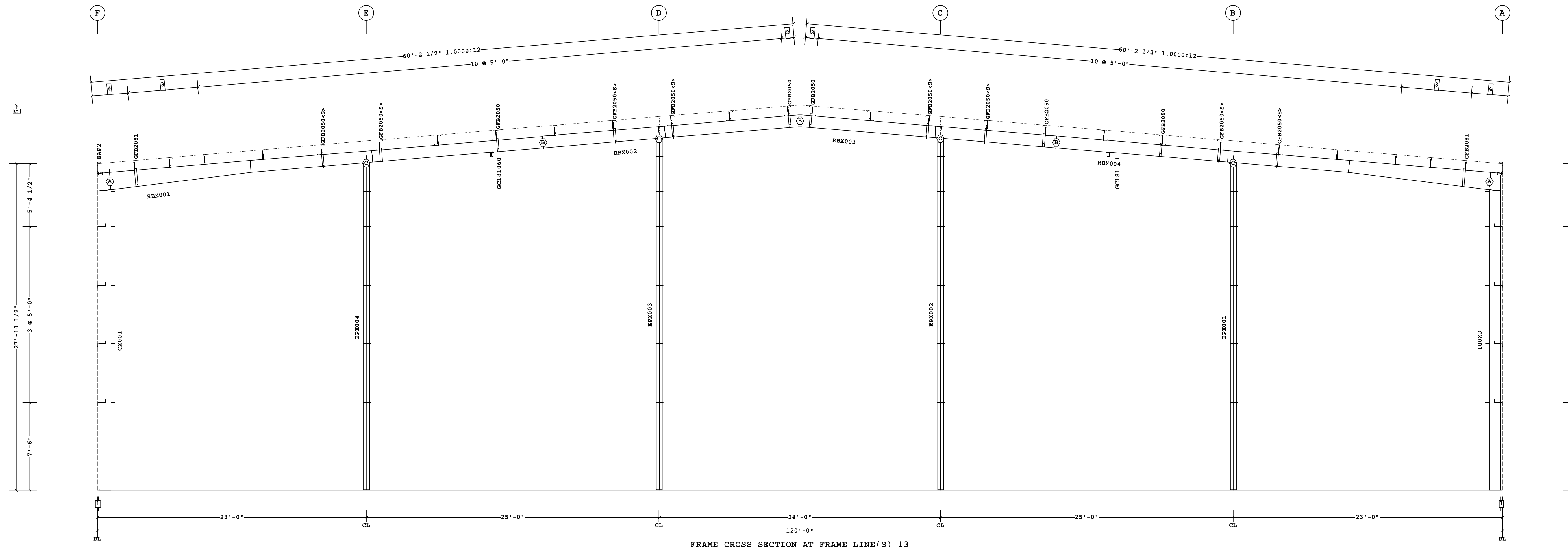
1. USE 1/2 X 1 1/2 A325T BOLT (49080) AND NUT (47120) WO WASHERS. SNUG TIGHTEN BOLTS FOR ALL SECONDARY CONNECTIONS, SECONDARY CLIP CONNECTIONS, AND FLANGE BRACE CONNECTIONS, UNLESS NOTED OTHERWISE. 2. SLOT REINFORCEMENT PLATES NEED NOT BE LOCATED ON THE SAME SIDE OF THE WEB AS THE HILLSIDE WASHER.	THE BUTLER MFG. ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF BUTLER MFG. AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER. THE BUTLER MFG. ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY BUTLER EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER.	THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF BUTLER MFG. 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 BUTLER MFG. 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 BUTLER MFG. ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.	D BUTLER MANUFACTURING 1540 GENESSEE ST. KANSAS CITY, MO 64102	FRAME CROSS SECTION AT FRAME LINE(S) 12	
				REV: DATE: BY: DESCRIPTION:	BUILDER: C & M SALES, INC. CUSTOMER: LOCATION: Lake Ariel, Pennsylvania PROJECT: WEDCO 2023 BUILDER'S PO#:

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth	Approx.Weight	Detail
CX001	1	6.0000	.2500	.1644	1'-0"	1'-0"	27'-1 7/16"	485#	
RBX001	2	5.0000	.1875	.1345	1'-6"	1'-0"	37'-1 1/2"	503#	
	3	5.0000	.1875	.1345	1'-0"	1'-0"			
	4	5.0000	.1875	.1345	1'-0"	1'-0"			
RBX002	5-6	5.0000	.1875	.1345	1'-0"	1'-0"	22'-0 11/16"	294#	
RBX003	7-8	5.0000	.1875	.1345	1'-0"	1'-0"	22'-0 5/16"	293#	
RBX004	9	5.0000	.1875	.1345	1'-0"	1'-0"	37'-1 7/8"	503#	
	10	5.0000	.1875	.1345	1'-0"	1'-0"			
	11	5.0000	.1875	.1345	1'-0"	1'-6"			
CX001	12	6.0000	.2500	.1644	1'-0"	1'-0"	27'-1 7/16"	485#	
EPX004	13	6.0000	.2500	.1644	1'-0"	1'-0"	27'-11 11/16"	493#	BR25CA
EPX003	14	6.0000	.2500	.1644	1'-0"	1'-0"	30'-0 11/16"	529#	BR25CA
EPX002	15	6.0000	.2500	.1644	1'-0"	1'-0"	30'-0 11/16"	529#	BR25CA
EPX001	16	6.0000	.2500	.1644	1'-0"	1'-0"	27'-11 11/16"	493#	BR25CA

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"	2	1	0097284	
B	4	A325	3/4"	2 1/2"	3/8"	1	1	0097284	
C	4	A325	1/2"	1 1/2"	3/8"	1	1	49080	

<S> - (2) Washers (095872) req'd at Flange Brace to Secondary.

Frame Clearances
 Horiz. Clearance between members 1(CX001) and 12(CX001): 117'-8 11/16"
 Vert. Clearance at member 1(CX001): 25'-7 1/16"
 Vert. Clearance at member 12(CX001): 25'-7 1/16"
 Vert. Clearance at member 13(EPX004): 27'-11 7/16"
 Vert. Clearance at member 14(EPX003): 30'-0 7/16"
 Vert. Clearance at member 15(EPX002): 30'-0 7/16"
 Vert. Clearance at member 16(EPX001): 27'-11 7/16"
 Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



FRAME CROSS SECTION AT FRAME LINE(S) 13

- 5 32'-10 1/2" Ridge Ht.
 - 4 3'-1 7/16"
 - 3 2 @ 3'-0"
 - 2 1'-1 1/16"
 - 1 1 5/8"
- Dimension Key

1. USE 1/2 X 1 1/2 A325T BOLT (49080) AND NUT (47120) WO 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.

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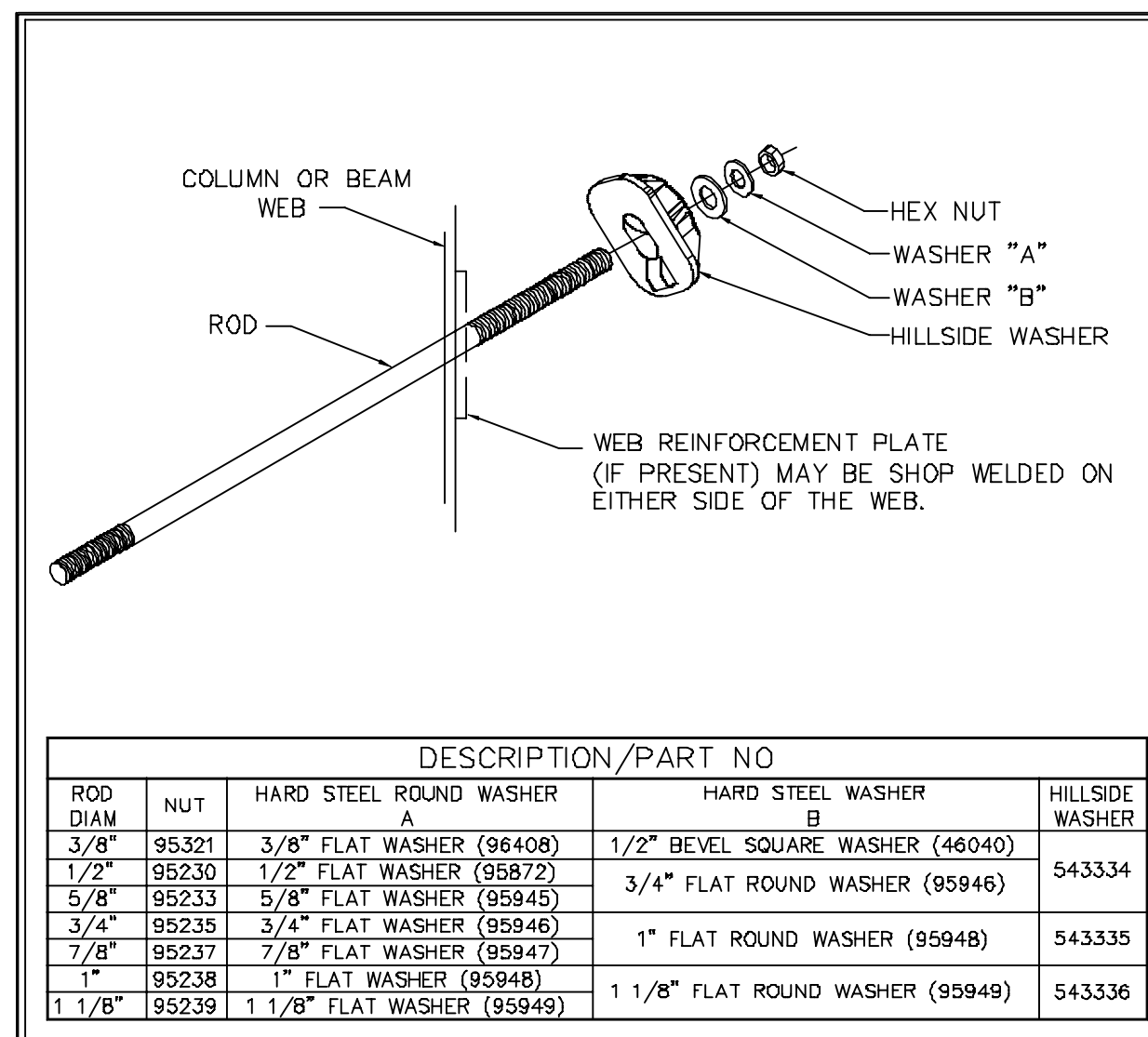
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D			
BUTLER MANUFACTURING		1540 GENESSEE ST. KANSAS CITY, MO 64102	
REV:	DATE:	BY:	DESCRIPTION:
DRAWING SCALE: NTS			

FRAME CROSS SECTION AT FRAME LINE(S) 13		BUILDER: C & M SALES, INC.	JOB #:
		CUSTOMER:	DATE: 7/5/2023
		LOCATION: Lake Ariel, Pennsylvania	DRAWN/CHECK: /
		PROJECT: WEDCO 2023	PAGE: 19
		BUILDER'S PO#:	

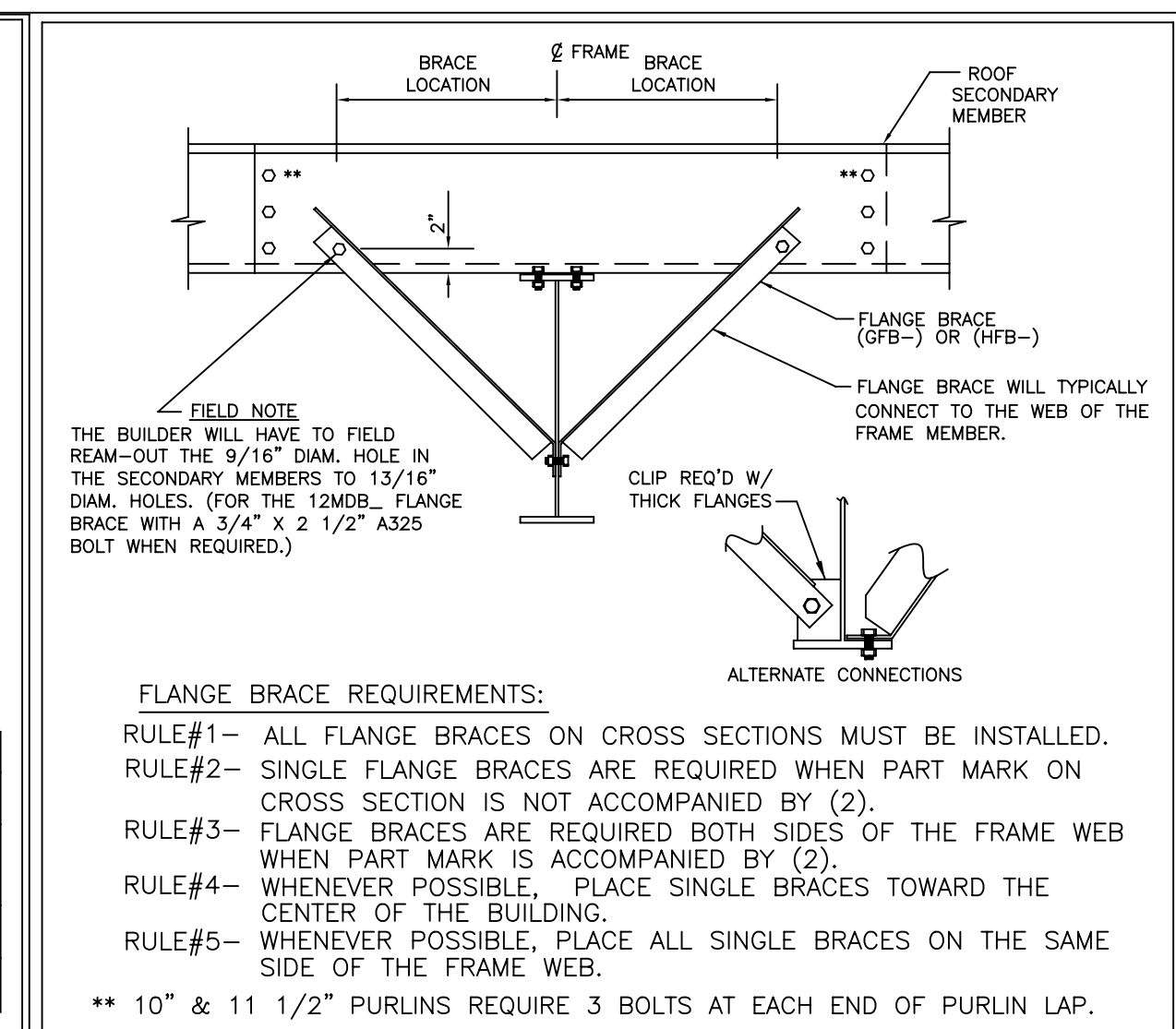


FOR BUILDING DEPT APPROVAL ONLY

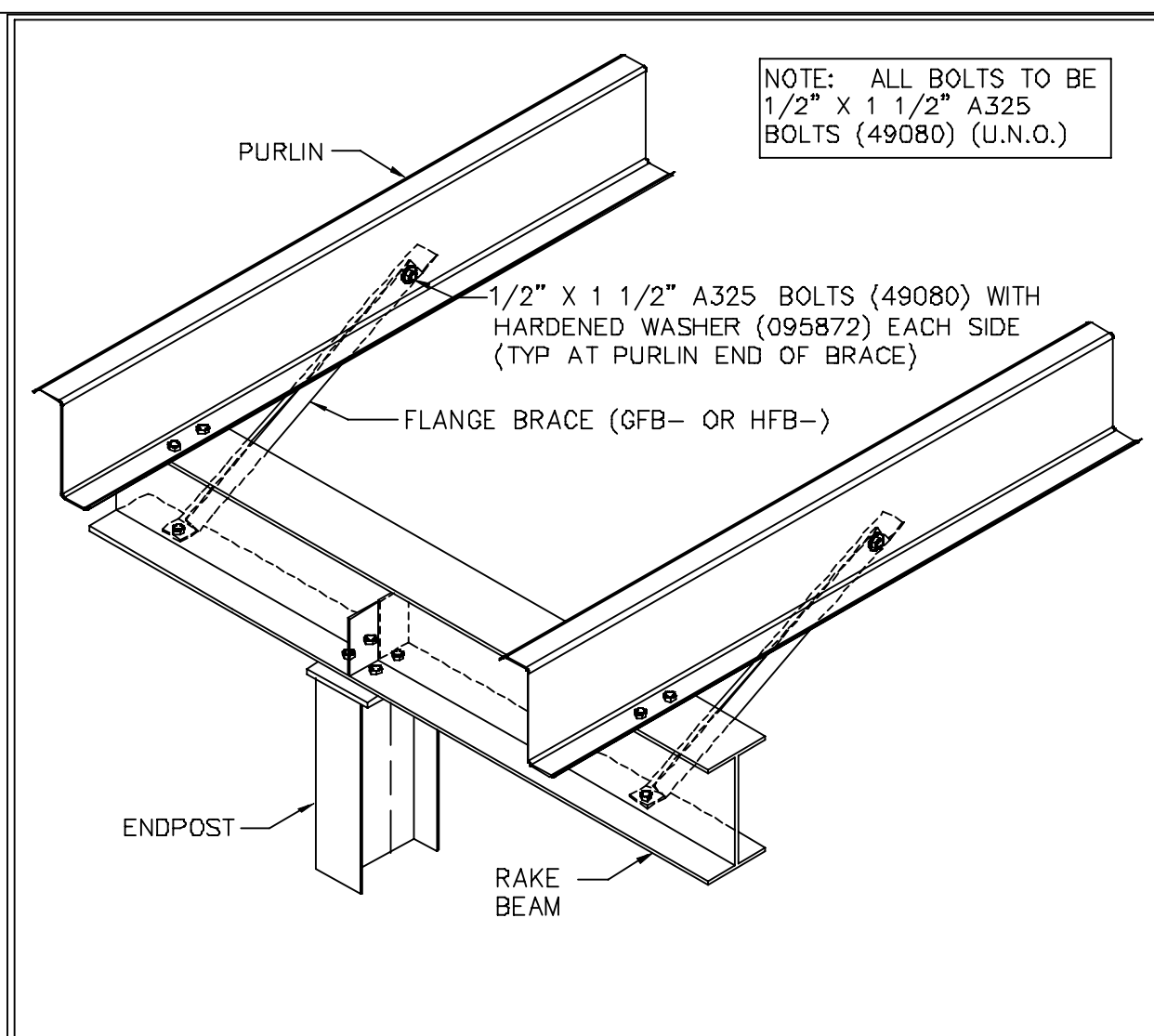


DESCRIPTION/PART NO				
ROD DIAM	NUT	HARD STEEL ROUND WASHER	HARD STEEL WASHER	HILLSIDE WASHER
3/8"	95321	3/8" FLAT WASHER (96408)	1/2" BEVEL SQUARE WASHER (46040)	
1/2"	95230	1/2" FLAT WASHER (95872)	3/4" FLAT ROUND WASHER (95946)	543334
5/8"	95233	5/8" FLAT WASHER (95945)		
3/4"	95235	3/4" FLAT WASHER (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



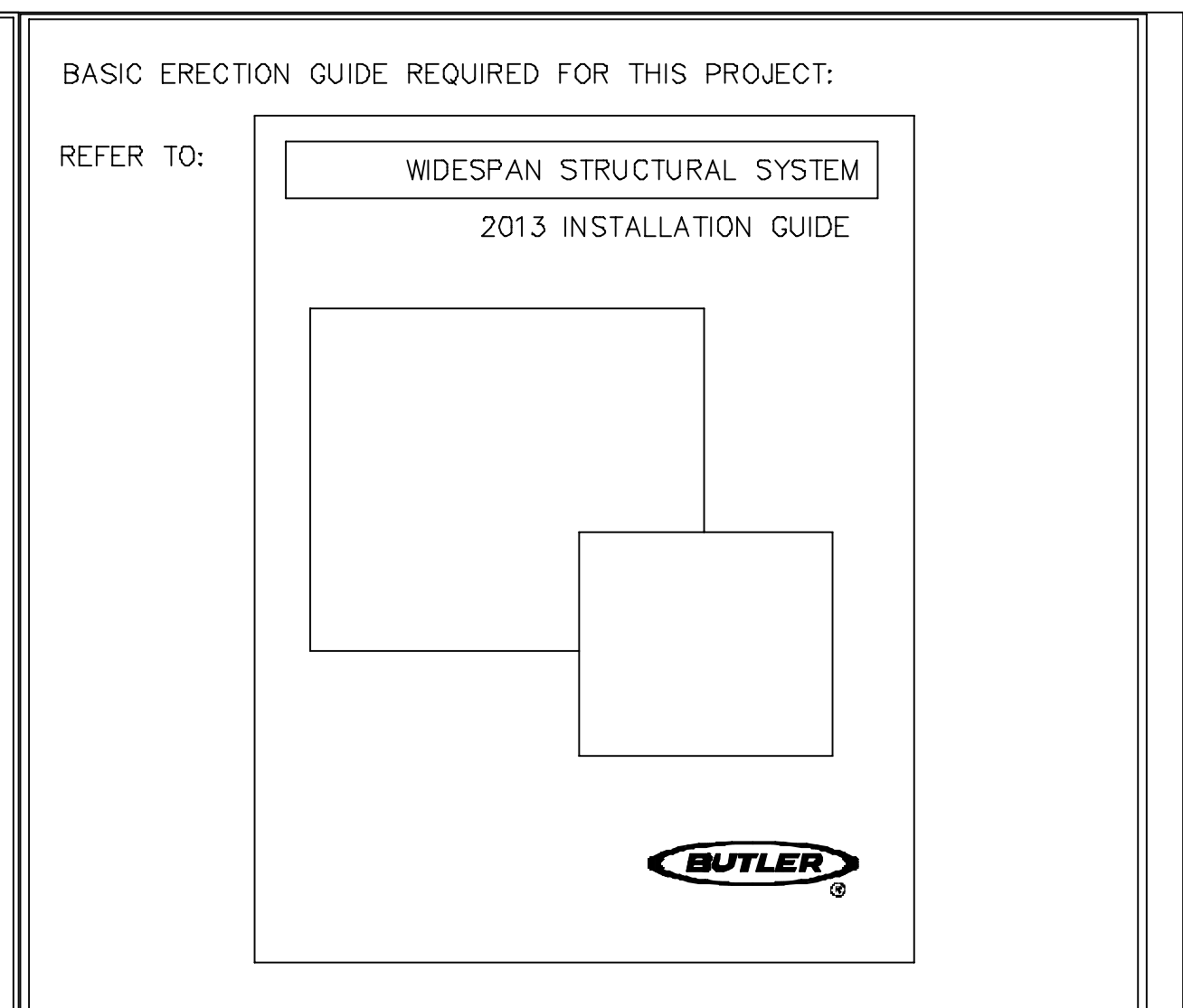
REV. DATE:05/08/18 | REV. NO. 02 | TYPICAL FLANGE BRACE CONNECTIONS CONT. PURLIN LAP SHOWN, CONT. GIRT & SIMPLE PURLIN | BR06AE



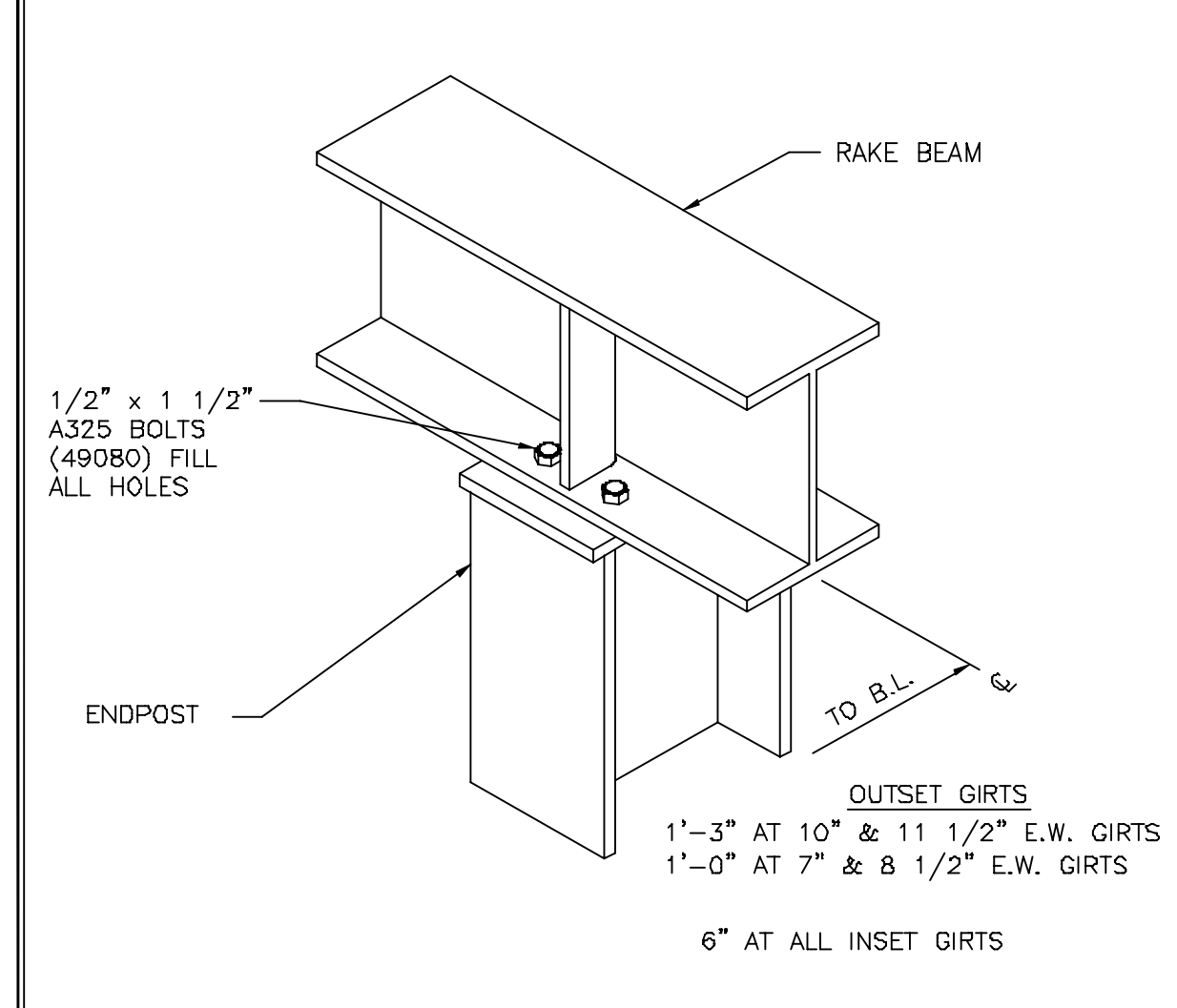
REV. DATE:11/16/15 | REV. NO. 03 | ENDPOST TOP BETWEEN PURLINS NO CAP CHANNEL - BRACED TO PURLINS ONLY | BR25CA

<p>F = FEET G = GAGE I = INCHES O = OPERATION E = EIGHTHS C = FIN/COLOR</p> <p>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</p> <p>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</p> <p>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</p> <p>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</p> <p>ROD BRACING O 3 R S 2 5 1 0 I E * * F F I I DIA LENGTH</p>	<p>CX*** = COLUMN (PLATE) CGX*** = COLUMN (GAGE) WCX*** = COLUMN (HOTROLL)</p> <p>RBX*** = RAFTER (PLATE) BGX*** = RAFTER (GAGE) WRX*** = RAFTER (HOTROLL) TRX*** = TRUSS RAFTER</p> <p>ICX*** = INTERIOR COLUMN PCX*** = PIPE COLUMN TCX*** = TUBE COLUMN</p> <p>EPX*** = ENDPOST (PLATE) EGX*** = ENDPOST (GAGE)</p> <p>CBX*** = CANOPY (PLATE) CBX*** = PIGGYBACK CANOPY</p> <p>DCC*** = 8 1/2" GAGE POST DCE*** = 10" GAGE POST</p> <p>RS = THREADS BOTH ENDS RT = THREADS ONE END - CLEVIS ONE END RU = CLEVIS BOTH ENDS RP = THREAD BOTH ENDS - NO HILLSIDES</p>
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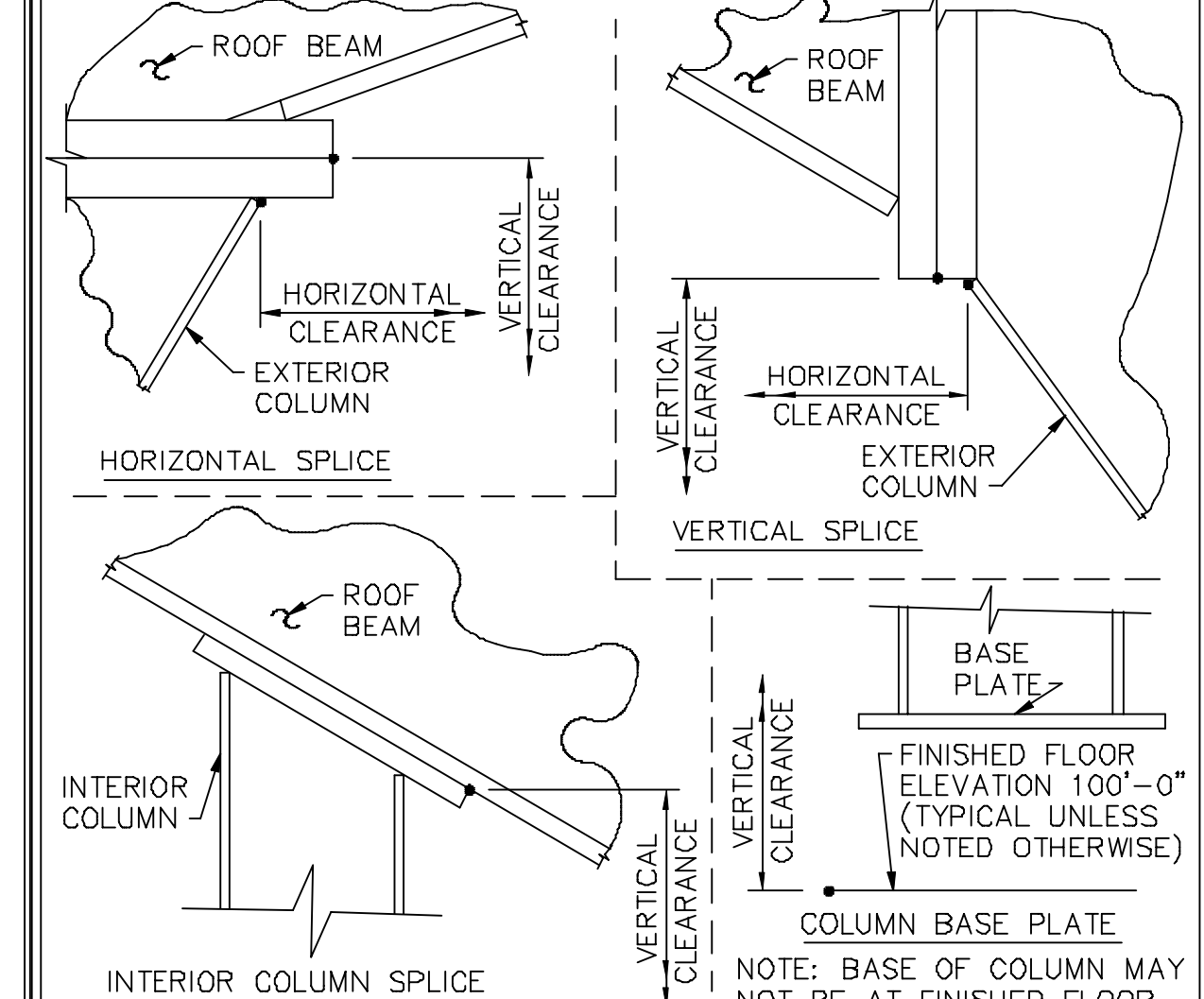
REV. DATE:08/29/12 | REV. NO. 01 | MARK NUMBER KEY COMMON GENERATED MARK NUMBERS | EN50B1



REV. DATE:01/30/14 | REV. NO. 00 | BASIC ERECTION GUIDE - STRUCTURAL | ENB002



REV. DATE:07/01/09 | REV. NO. 00 | RAKE BEAM CONNECTION TO ENDPOST | PF10C2



REV. DATE:08/12/16 | REV. NO. 00 | CLEAR HEIGHT DIMENSION WORK POINTS AS SHOWN ON FRAME CROSS SECTION DRAWINGS | PFR007

1. USE 1/2 X 1 1/2 A325T BOLT (49080) AND NUT (47120) WO 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 BUTLER MFG. ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF BUTLER MFG. AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER. THE BUTLER MFG. ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY BUTLER EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER.

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D	BUTLER MANUFACTURING 1540 GENESSEE ST. KANSAS CITY, MO 64102		PRIMARY BRACING SED'S	
	REV:	DATE:		BUILDER: C & M SALES, INC.
	BY:	DESCRIPTION:		CUSTOMER:
	DRAWING SCALE: NTS	PROJECT: WEDCO 2023		LOCATION: Lake Ariel, Pennsylvania
		BUILDER'S PO#:	DATE: 7/5/2023 DRAWN/CHECK: / PAGE: 20	

FOR BUILDING DEPT APPROVAL ONLY

07/18/2023

Butler Manufacturing
VPC VERSION: 2023.2

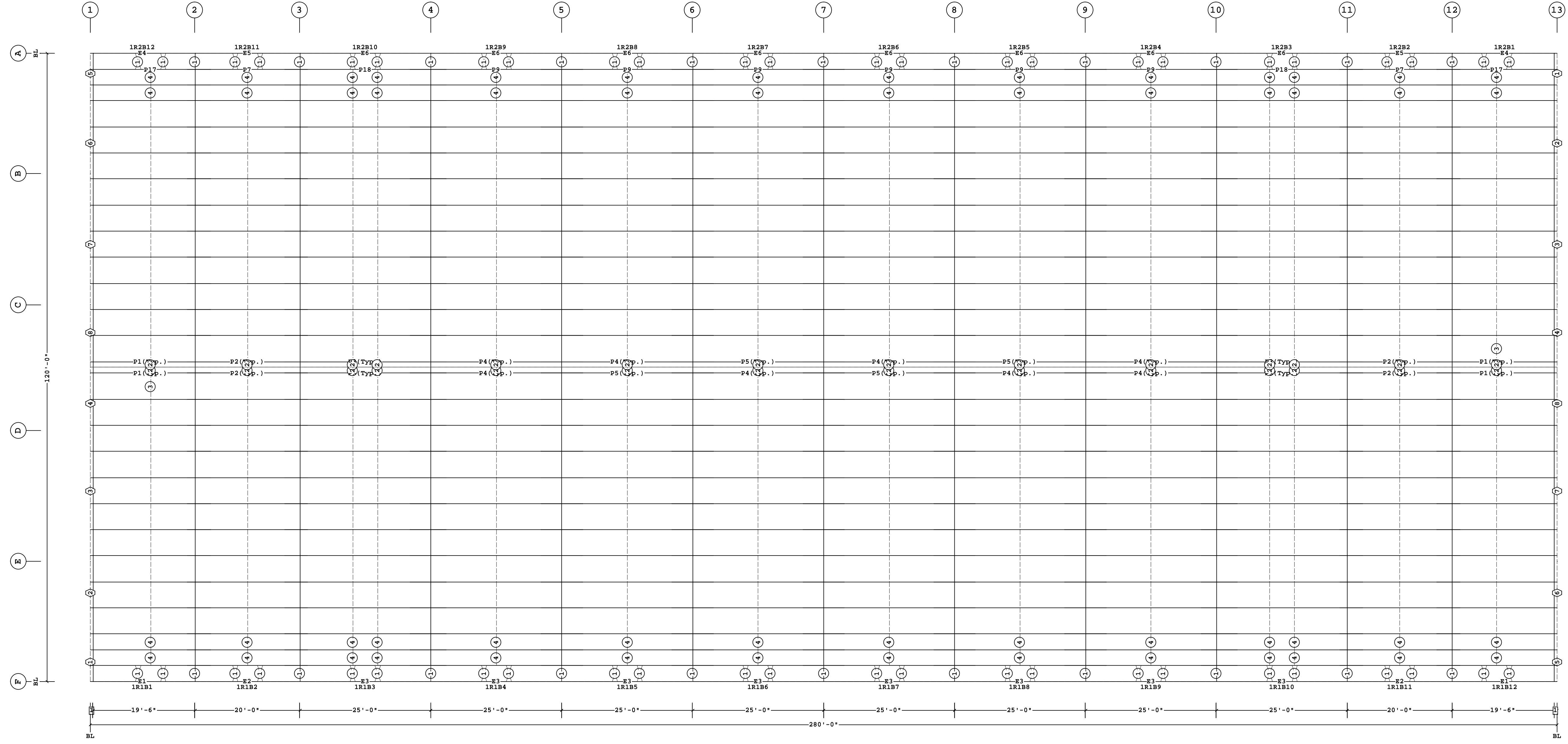
a division of BlueScope Buildings North America, Inc.

Mark	Part	Thick.	Depth	Lap	Detail
E1	11E1911416BDB31	0.0680	11 1/2"		RS12PF,RS12PE,RS12PJ
E2	11E1911416DDB31	0.0680	11 1/2"		RS12PE,RS12PJ
E3	11E2411416DDB31	0.0680	11 1/2"		RS12PA,RS12PE,RS12PJ
E4	11E1911411BDB31	0.1130	11 1/2"		RS12PH,RS12PA,RS12PJ
E5	11E1911411DDB31	0.1130	11 1/2"		RS12PA,RS12PJ
E6	11E2411411DDB31	0.1130	11 1/2"		RS12PA,RS12PJ
P1	10Z2211413B4A3	0.0880	10"	2'-10 1/2"	RS02T1,RS01U1
P17	10Z2211417B4A3	0.0600	10"	2'-10 1/2"	RS02T1,RS01U1
P18	10Z301141744B2	0.0600	10"	2'-10 1/2"	RS01U1
P2	10Z221141622B2	0.0680	10"	1'-4 1/2"	RS01U1
P3	10Z301141444B2	0.0790	10"	2'-10 1/2"	RS01U1
P4	10Z321141455B2	0.0790	10"	3'-10 1/2"	RS01U1
P5	10Z321141555B2	0.0730	10"	3'-10 1/2"	RS01U1
P7	10Z221141722B2	0.0600	10"	1'-4 1/2"	RS01U1
P9	10Z321141755B2	0.0600	10"	3'-10 1/2"	RS01U1

Secondary Bracing Schedule			
Id	Qty	Mark No	Spacing
1	118	PBA0305	3'-1 7/16"
2	28	CPBRB010512	1'-1 1/16"
3	280	CPBB050108 (Typ)	5'-0"
4	56	CPBB030108	3'-0"

See SED:
BR09K5, BR09JG, BR09RY, BR09RZ, BR09PK
BR09PH, BR09JR, BR09JH, BR09K2

Part Mark Key	
1	002SGA07067
2	002SGA18114
3	002SGA19114
4	002SGA13065
5	001SGA07067
6	001SGA18114
7	001SGA19114
8	001SGA13065



ROOF SECONDARY PLAN

1/6" Dimension Key

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.
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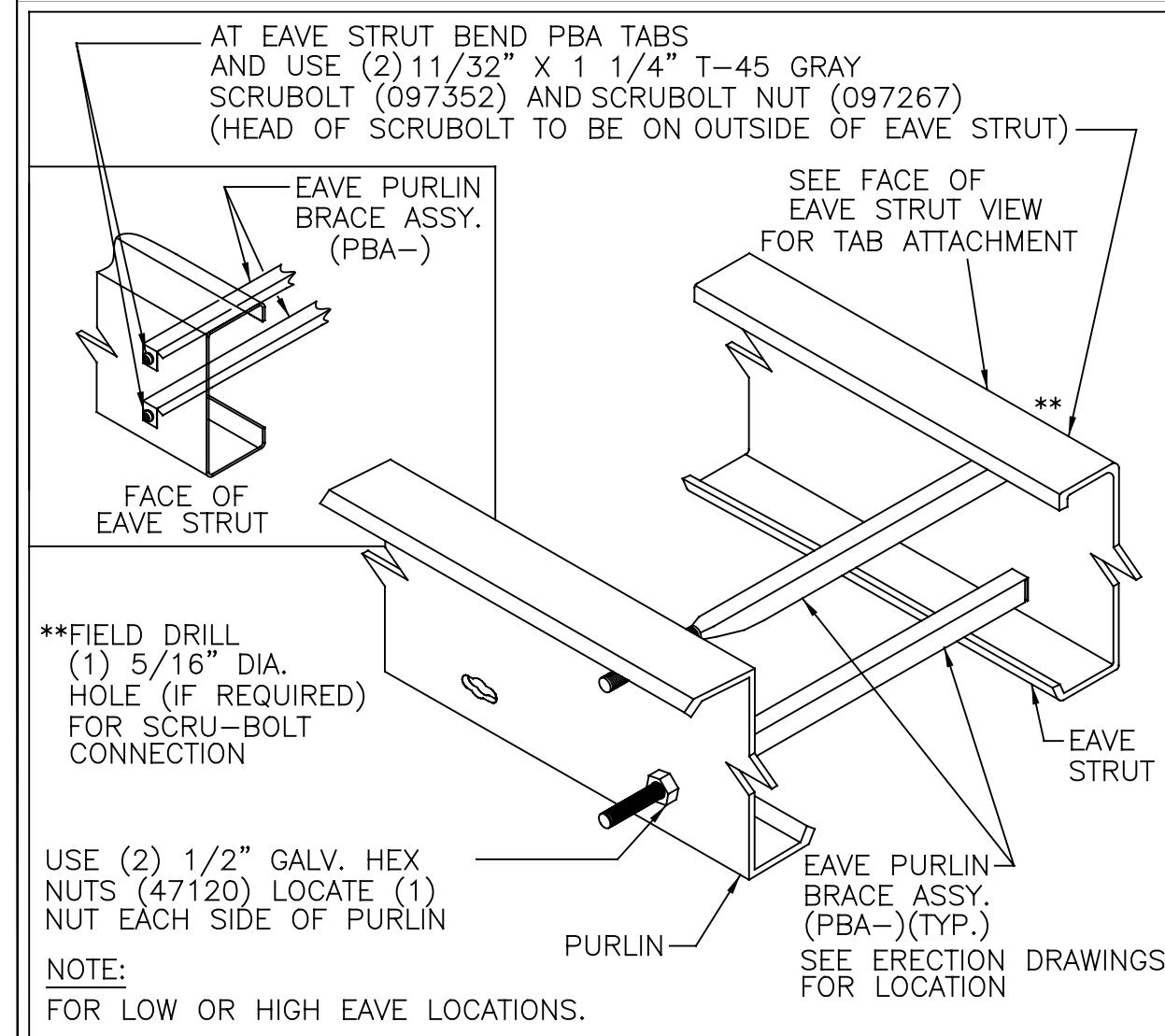
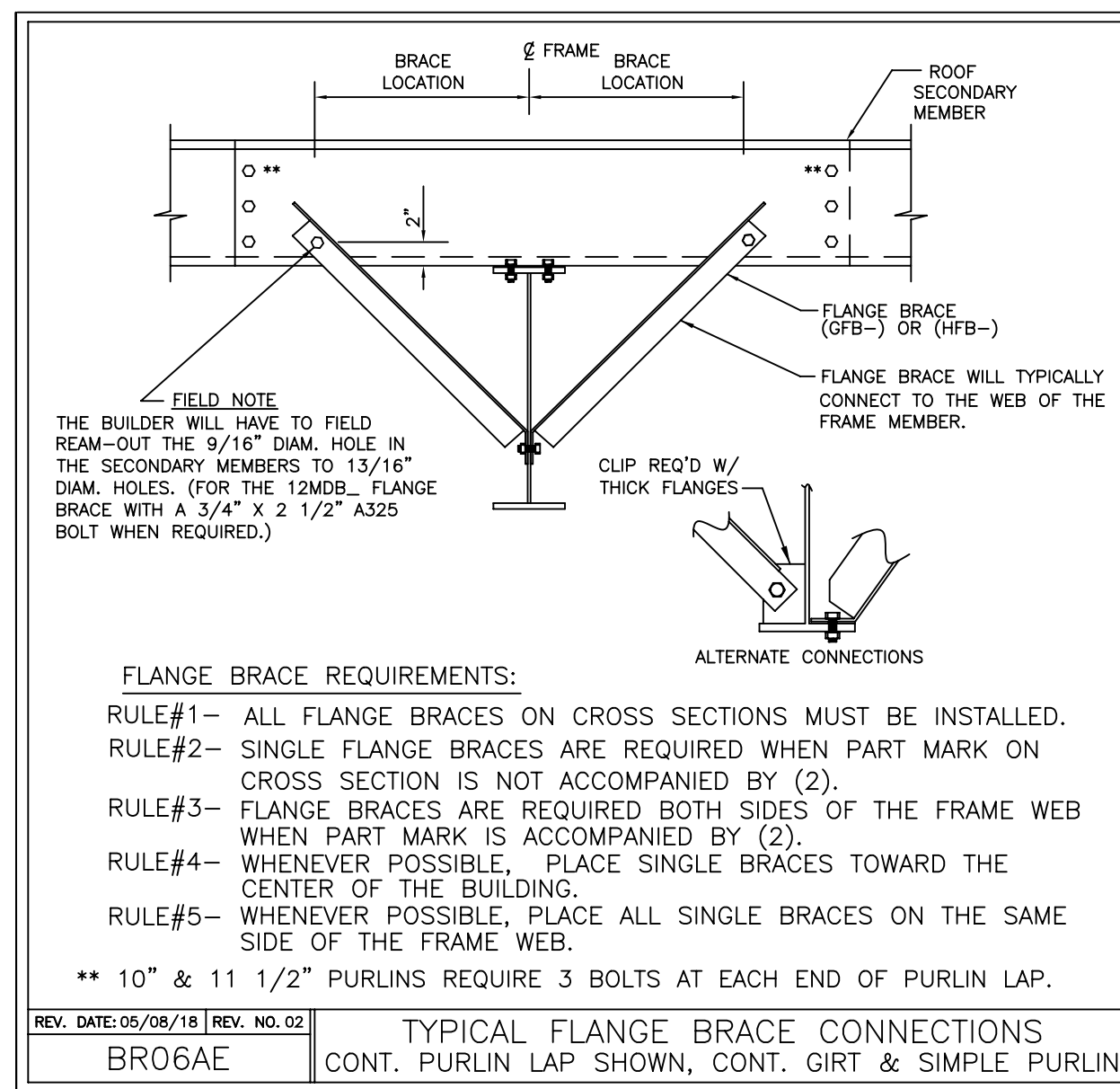
BUTLER MANUFACTURING 1540 GENESSEE ST. KANSAS CITY, MO 64102			
REV:	DATE:	BY:	DESCRIPTION:
DRAWING SCALE: NTS			

ROOF SECONDARY PLAN		JOB #:	
BUILDER:	C & M SALES, INC.	DATE:	7/5/2023
CUSTOMER:		DRAWN/CHECK:	
LOCATION:	Lake Ariel, Pennsylvania	PAGE:	21
PROJECT:	WEDCO 2023	Butler Manufacturing	
BUILDER'S PO#:		VPC VERSION: 2023.2	



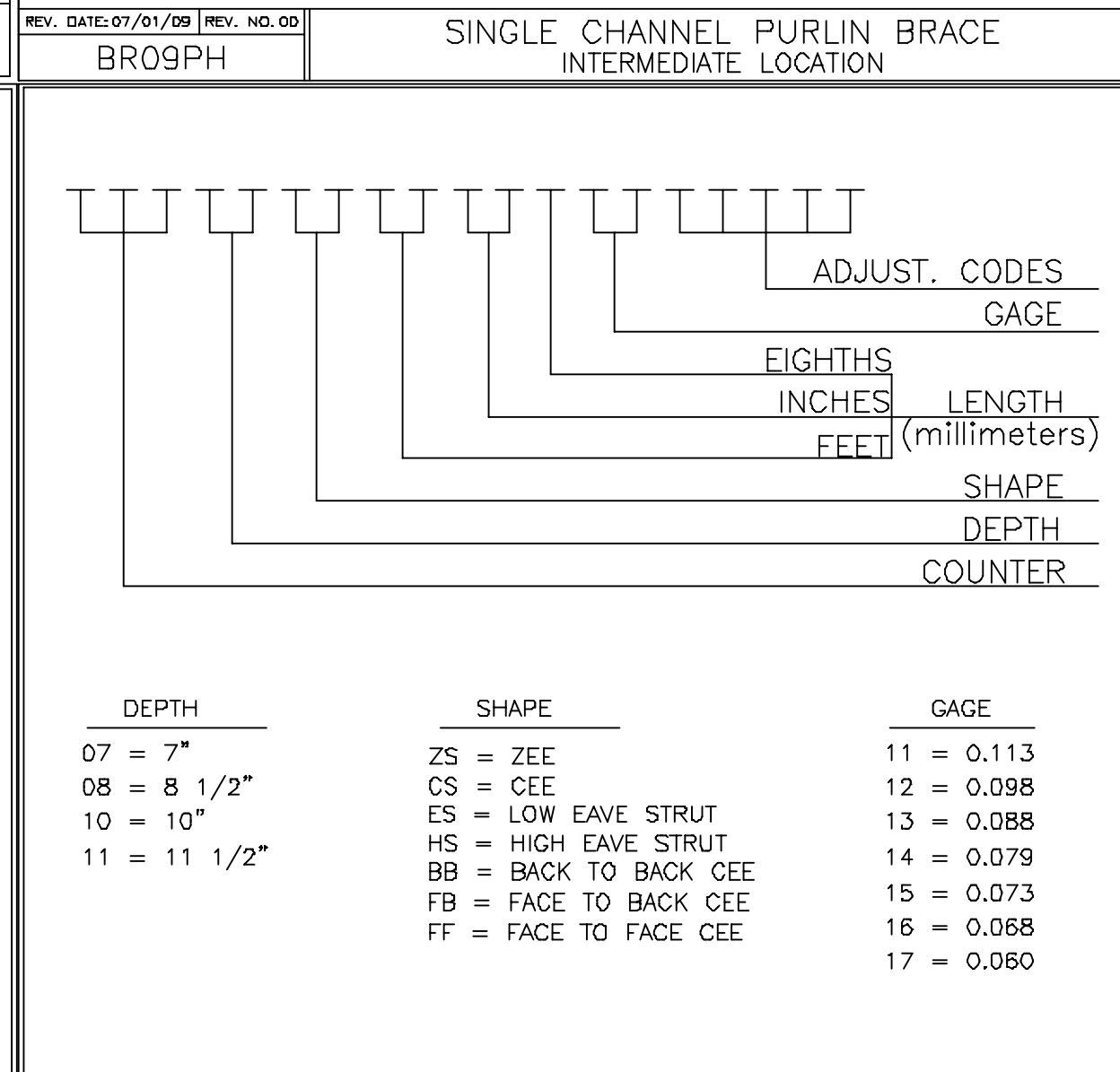
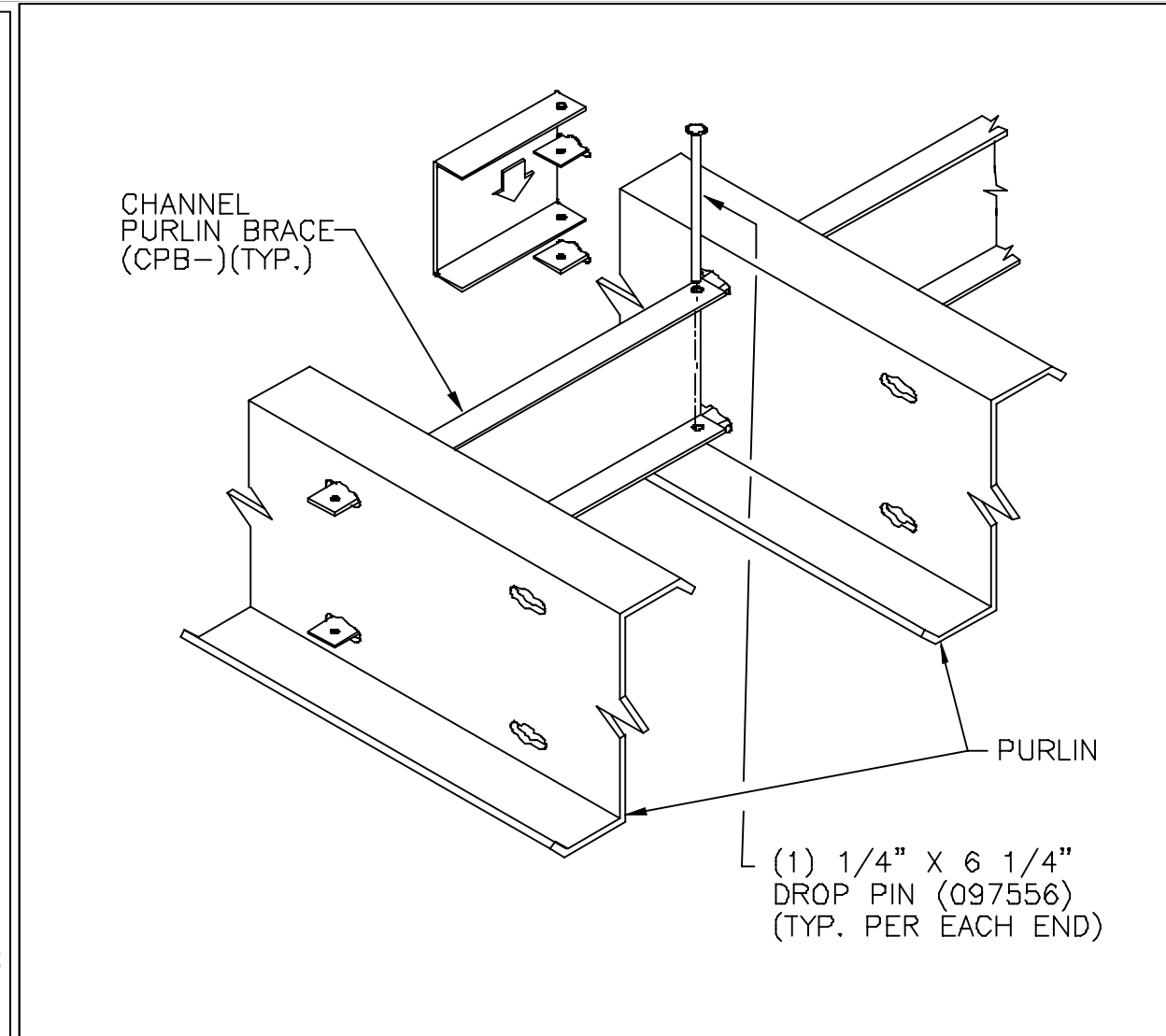
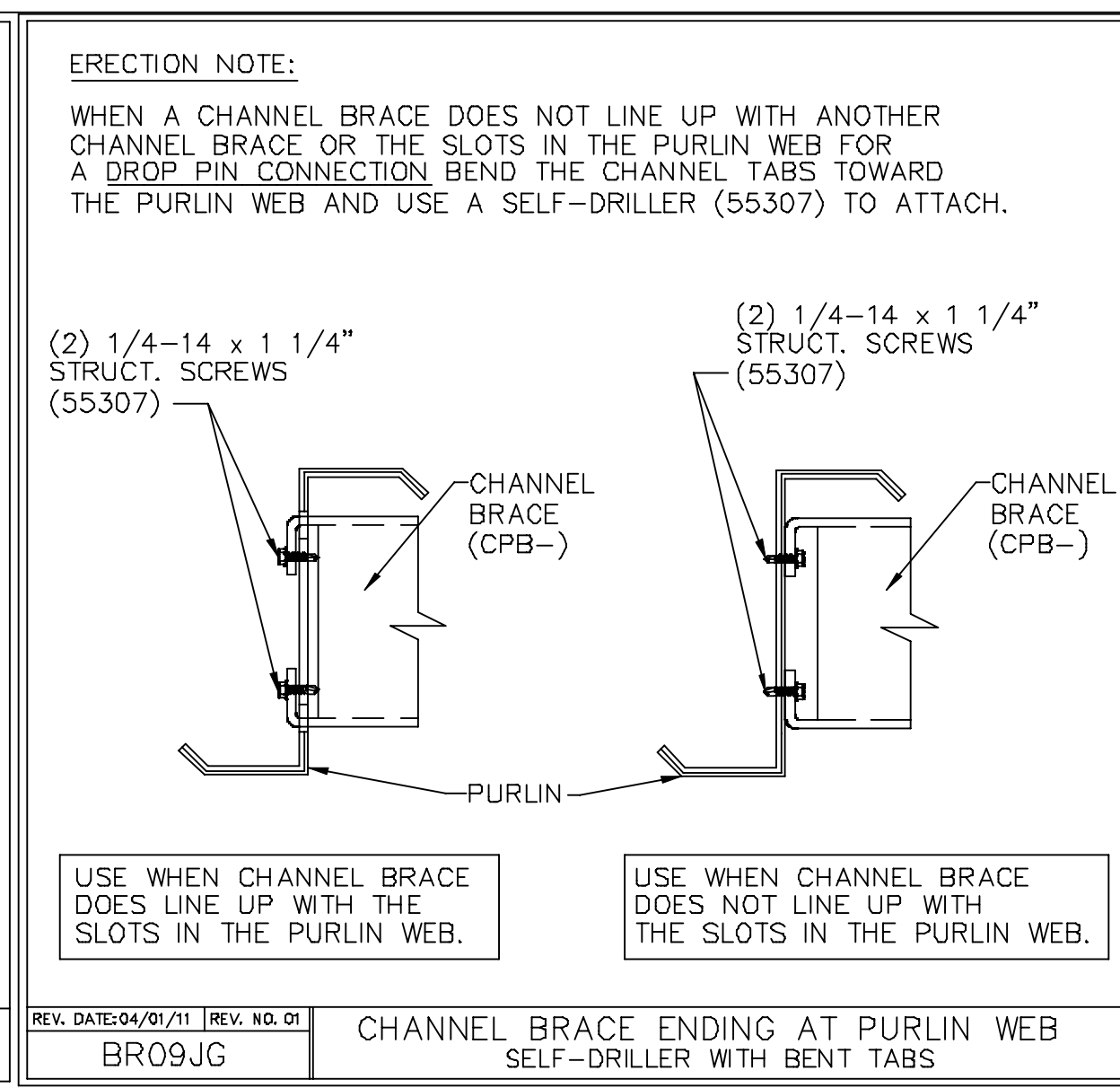
07/18/2023

FOR BUILDING DEPT APPROVAL ONLY

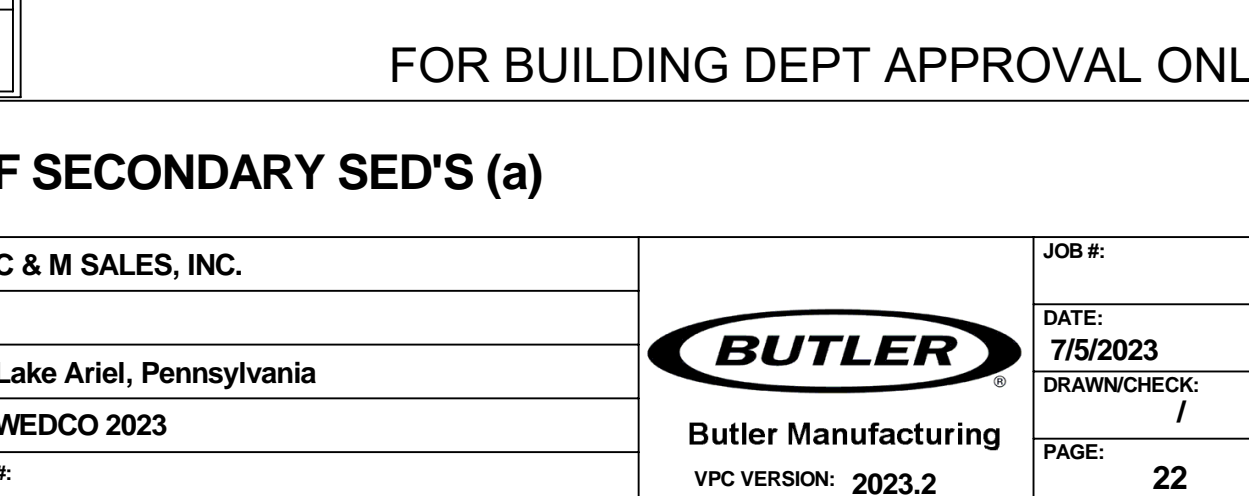
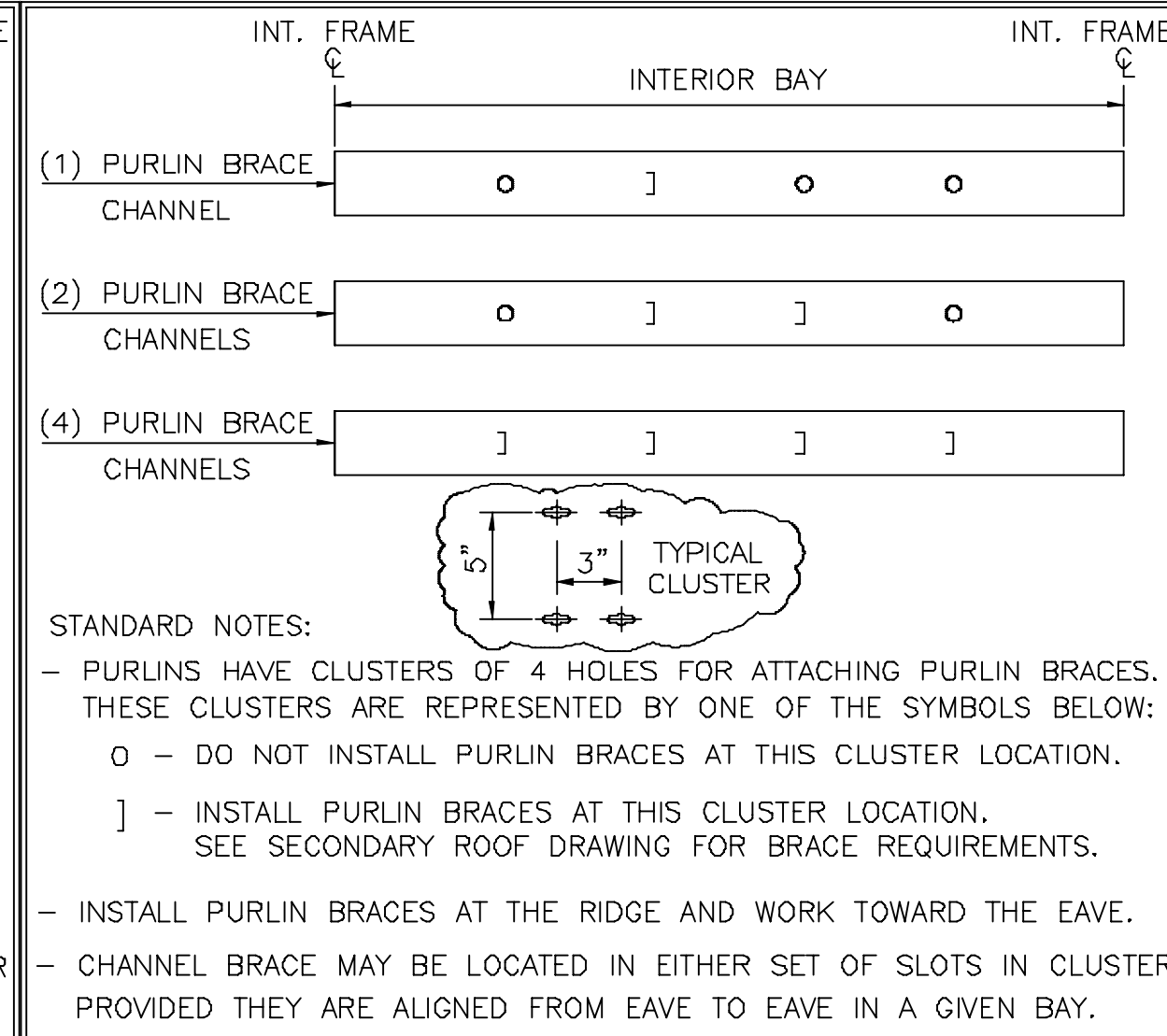
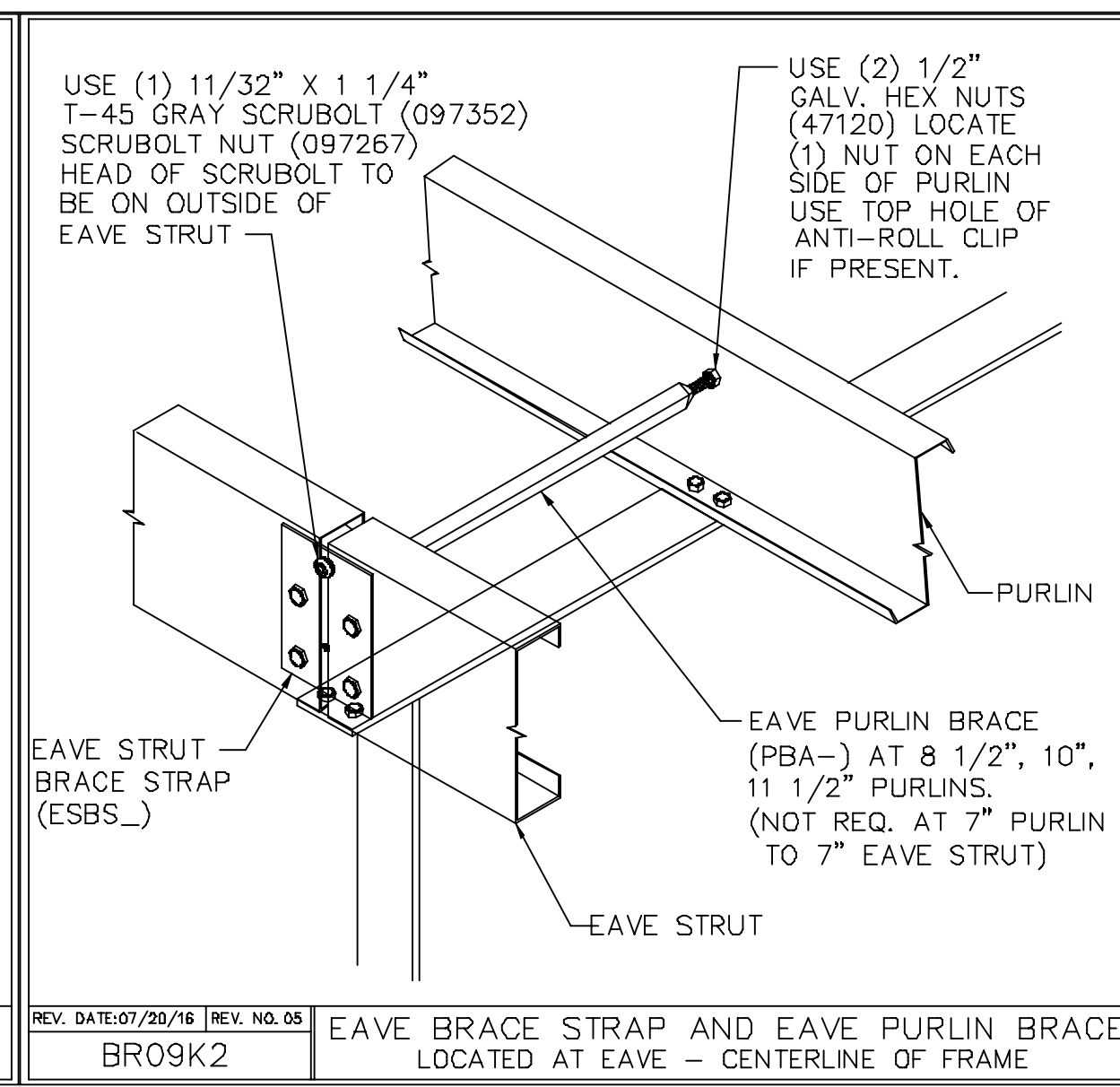
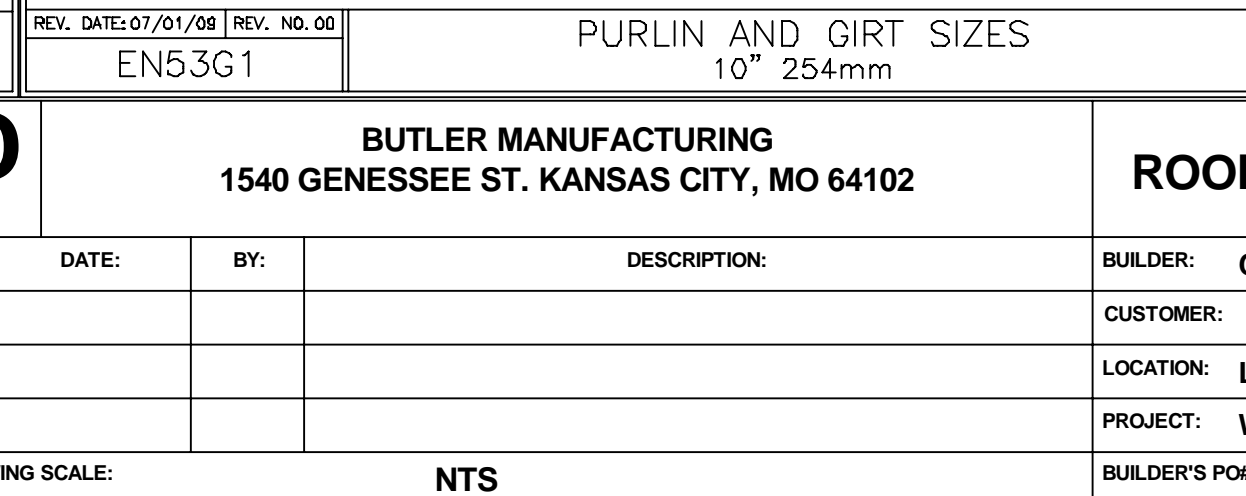
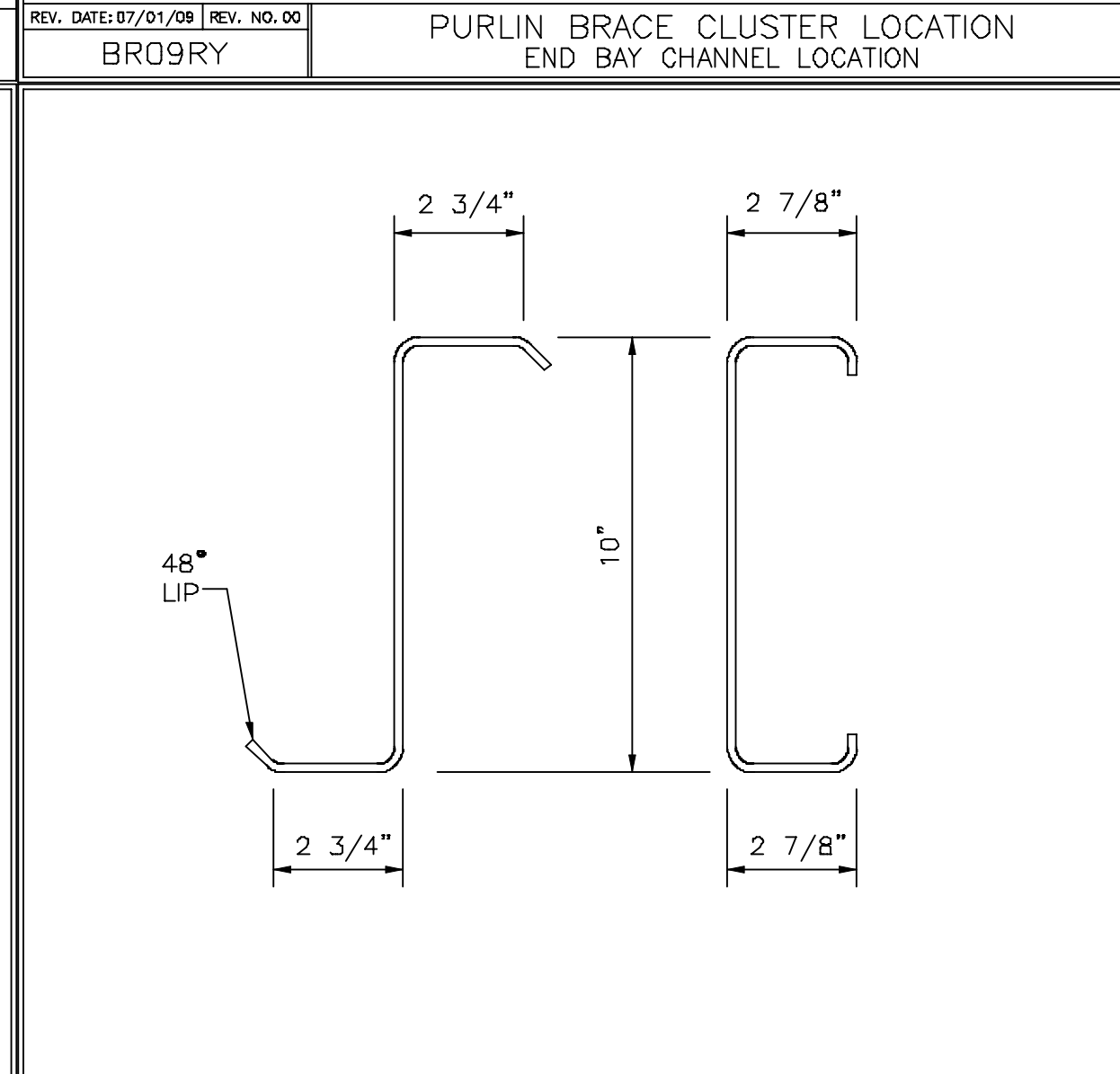
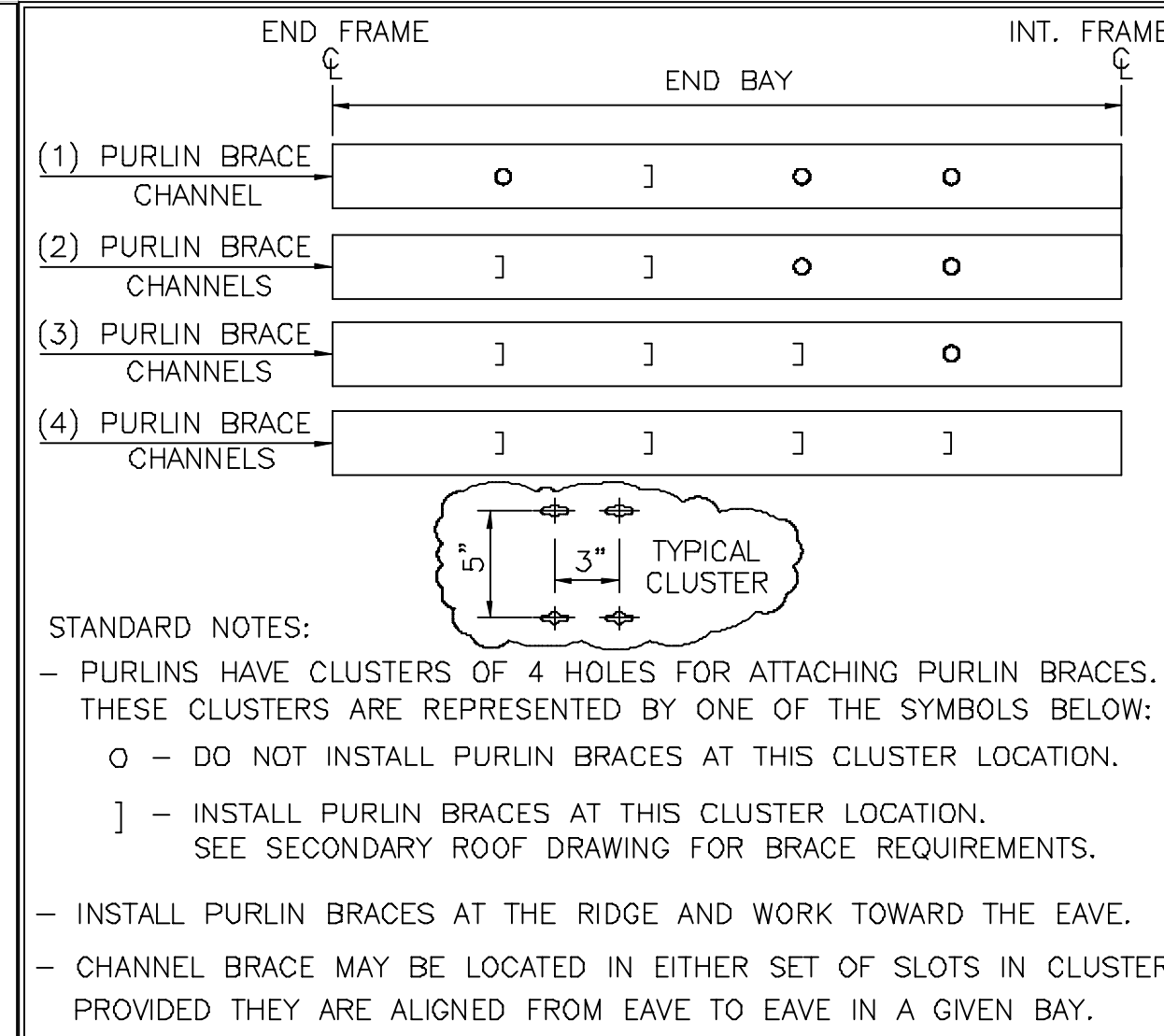
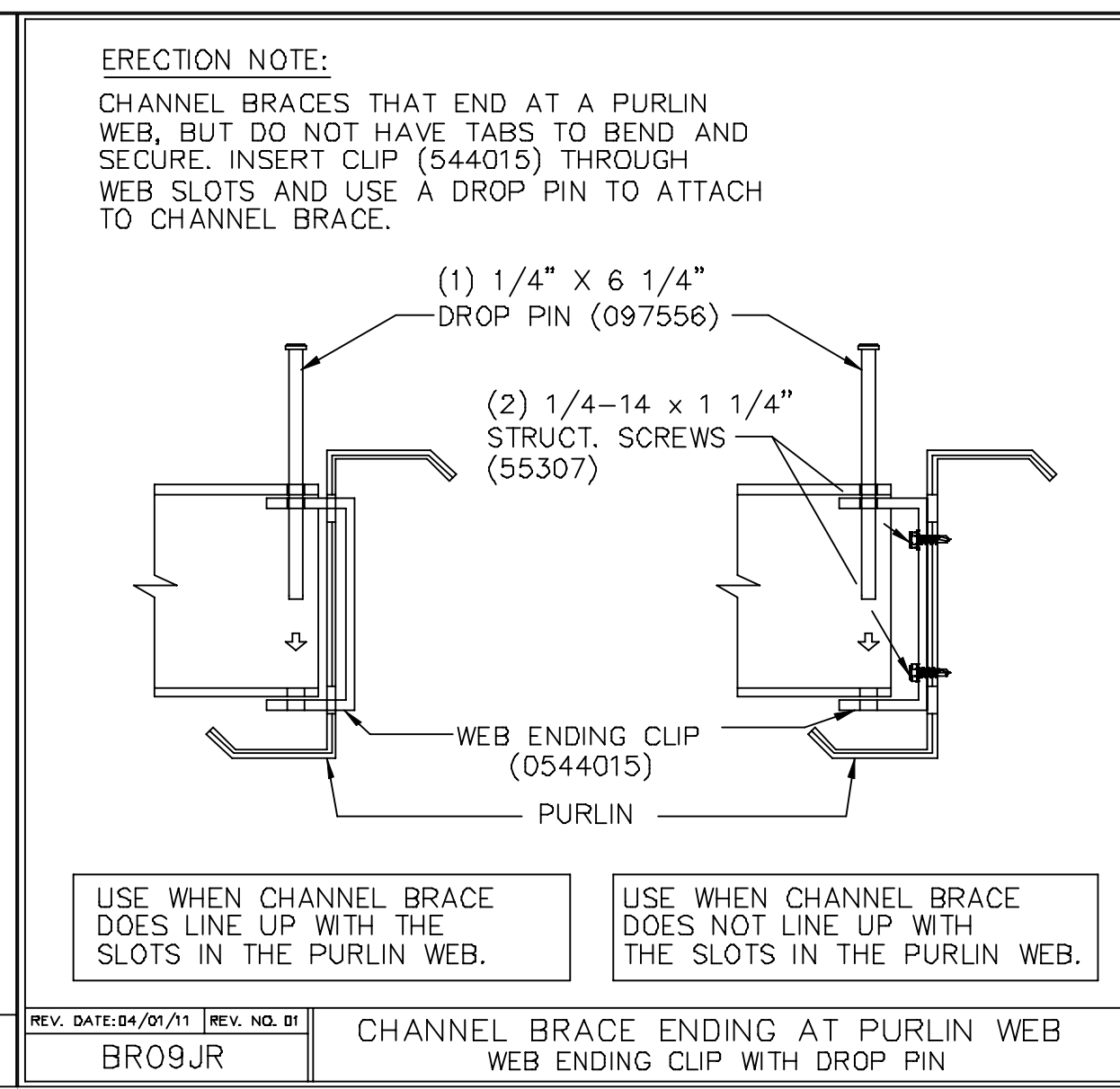
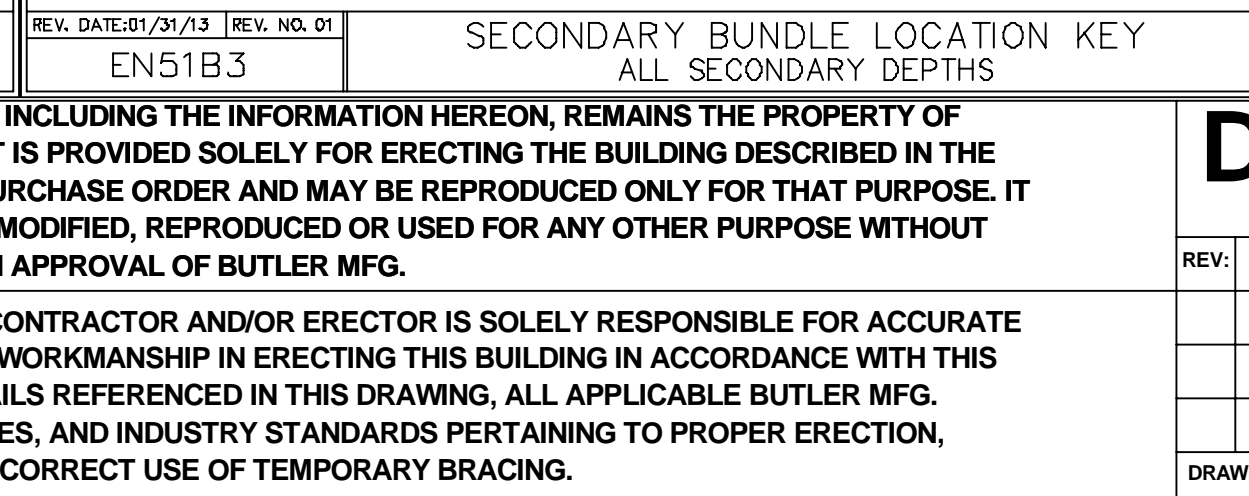
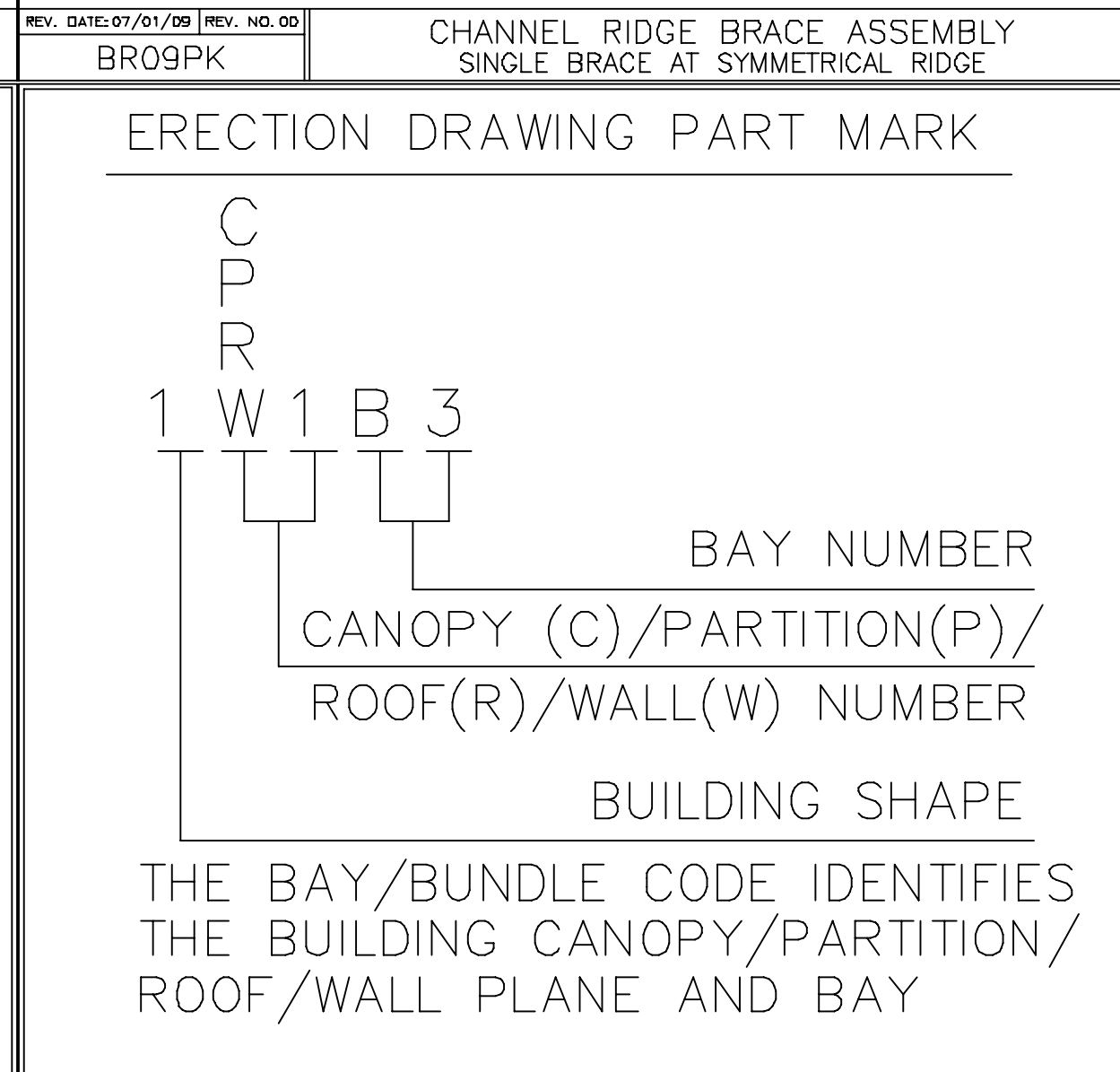
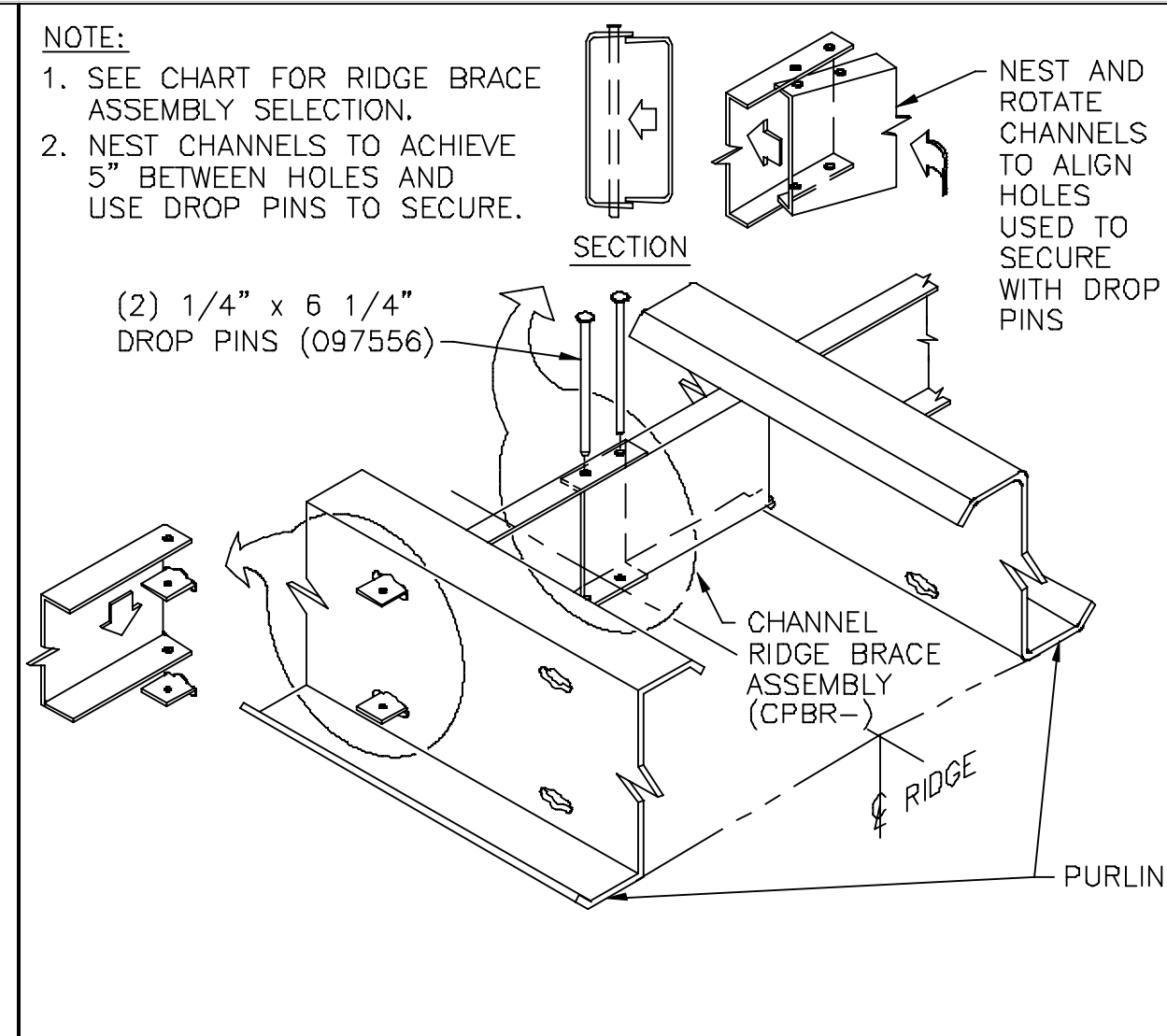
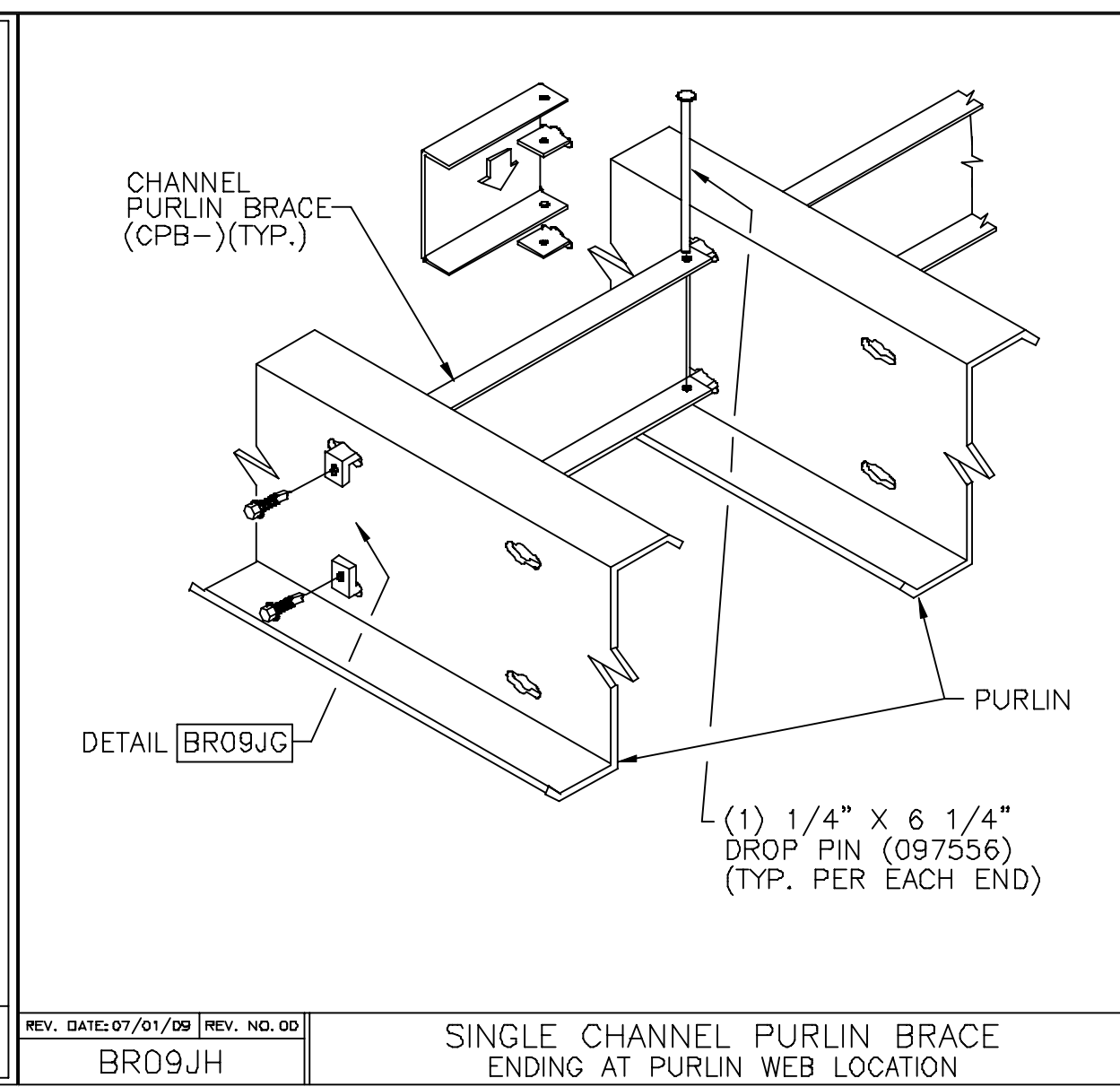


DEPTH	SHAPE	GAGE
07 = 7"	Z = ZEE	11 = 0.113
08 = 8 1/2"	C = CEE	12 = 0.098
10 = 10"	E = LOW EAVE STRUT	13 = 0.088
14 = 11 1/2"	H = HIGH EAVE STRUT	14 = 0.079
		15 = 0.073
		16 = 0.068
		17 = 0.060

DEPTH	SHAPE	GAGE
07 = 7"	ZS = ZEE	11 = 0.113
08 = 8 1/2"	CS = CEE	12 = 0.098
10 = 10"	ES = LOW EAVE STRUT	13 = 0.088
14 = 11 1/2"	HS = HIGH EAVE STRUT	14 = 0.079
	BB = BACK TO BACK CEE	15 = 0.073
	FB = FACE TO BACK CEE	16 = 0.068
	FF = FACE TO FACE CEE	17 = 0.060



DEPTH	SHAPE	GAGE
07 = 7"	ZS = ZEE	11 = 0.113
08 = 8 1/2"	CS = CEE	12 = 0.098
10 = 10"	ES = LOW EAVE STRUT	13 = 0.088
14 = 11 1/2"	HS = HIGH EAVE STRUT	14 = 0.079
	BB = BACK TO BACK CEE	15 = 0.073
	FB = FACE TO BACK CEE	16 = 0.068
	FF = FACE TO FACE CEE	17 = 0.060



FOR BUILDING DEPT APPROVAL ONLY

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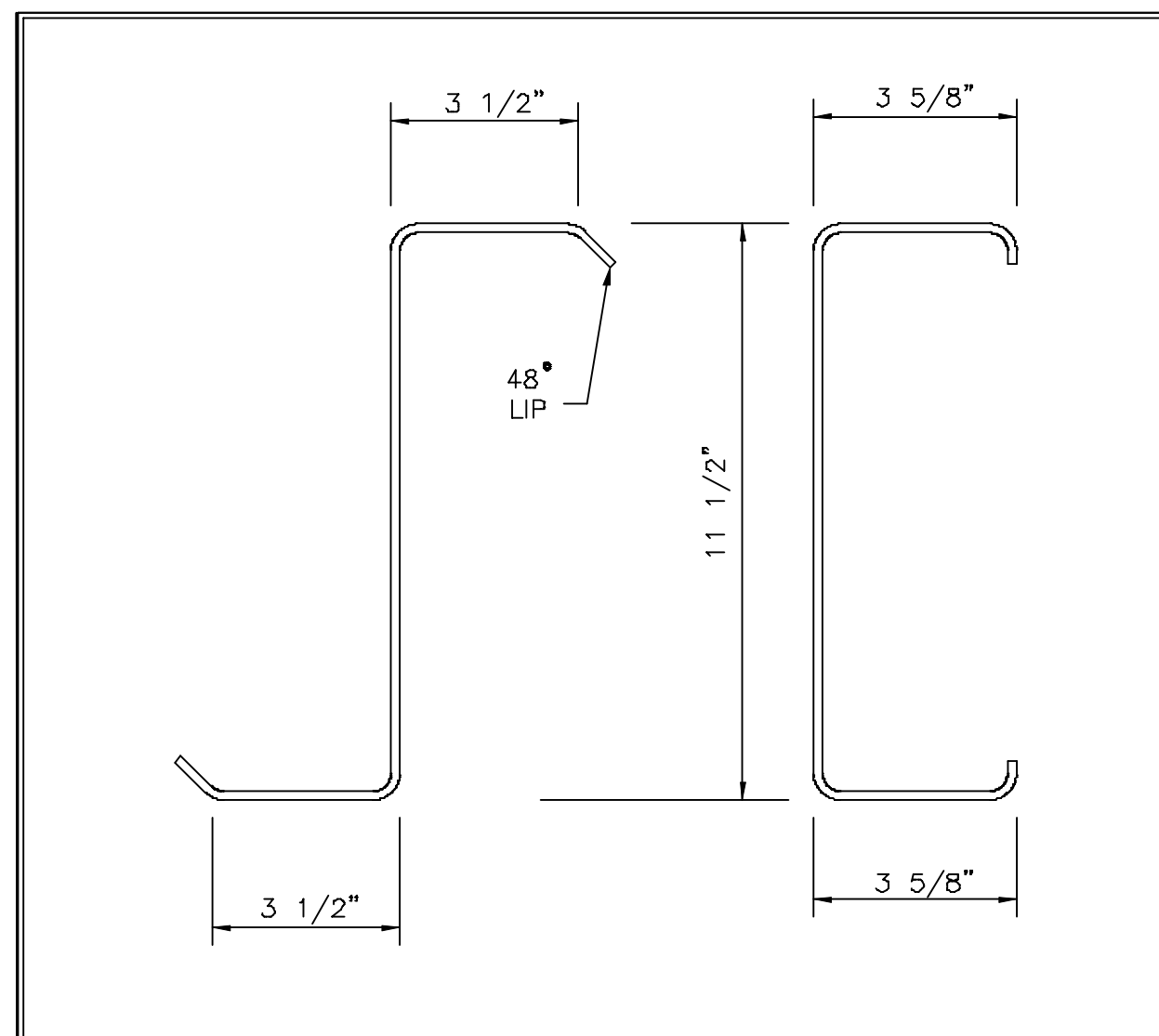
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REV.	DATE:	BY:	DESCRIPTION:

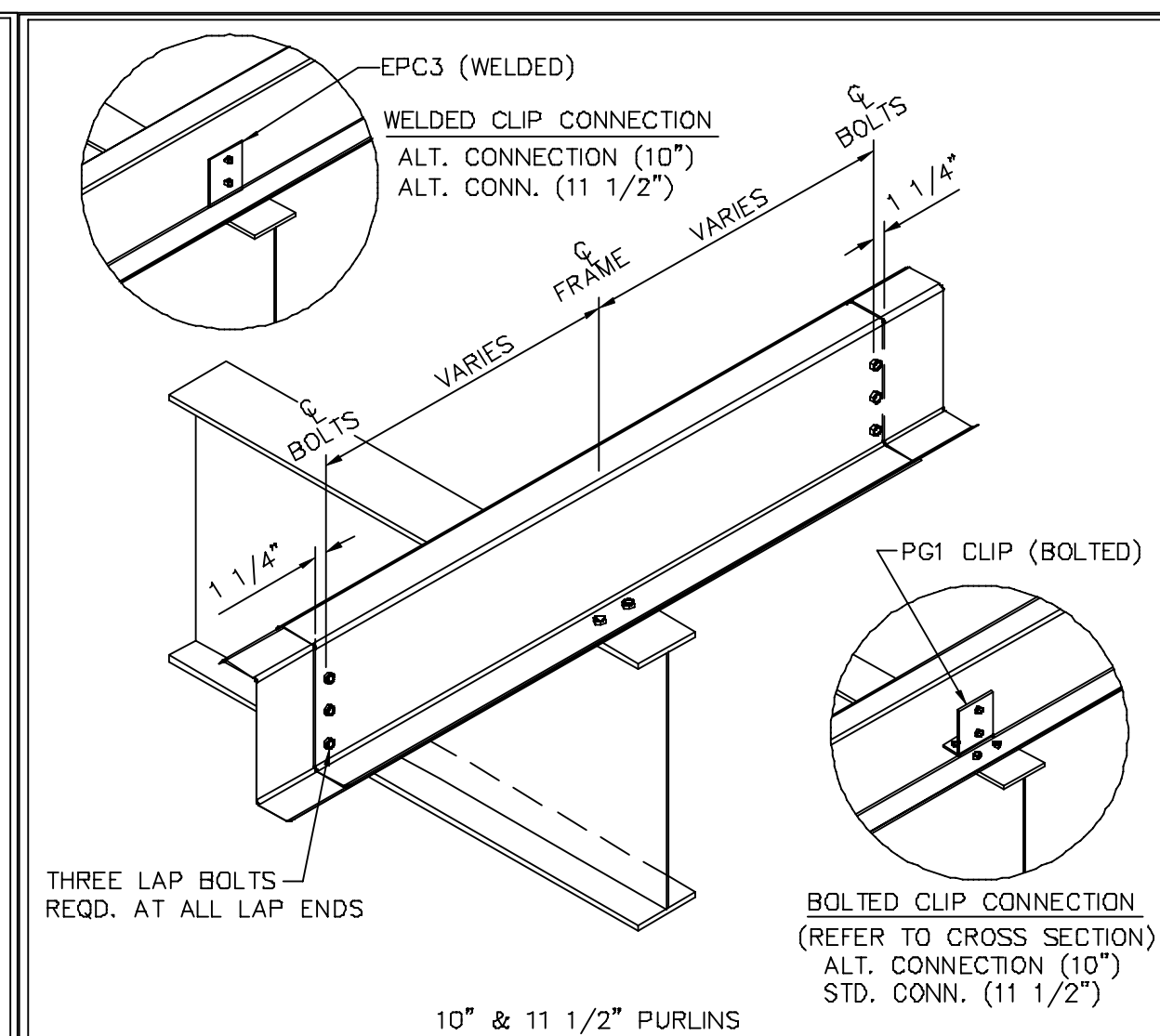
BUTLER MANUFACTURING 1540 GENESSEE ST. KANSAS CITY, MO 64102		ROOF SECONDARY SED'S (a)	
BUILDER: C & M SALES, INC.	DATE: 7/5/2023	JOB #:	
CUSTOMER:	LOCATION: Lake Ariel, Pennsylvania	DRAWN/CHECK:	
PROJECT: WEDCO 2023	BUILDER'S PO#:	PAGE:	22



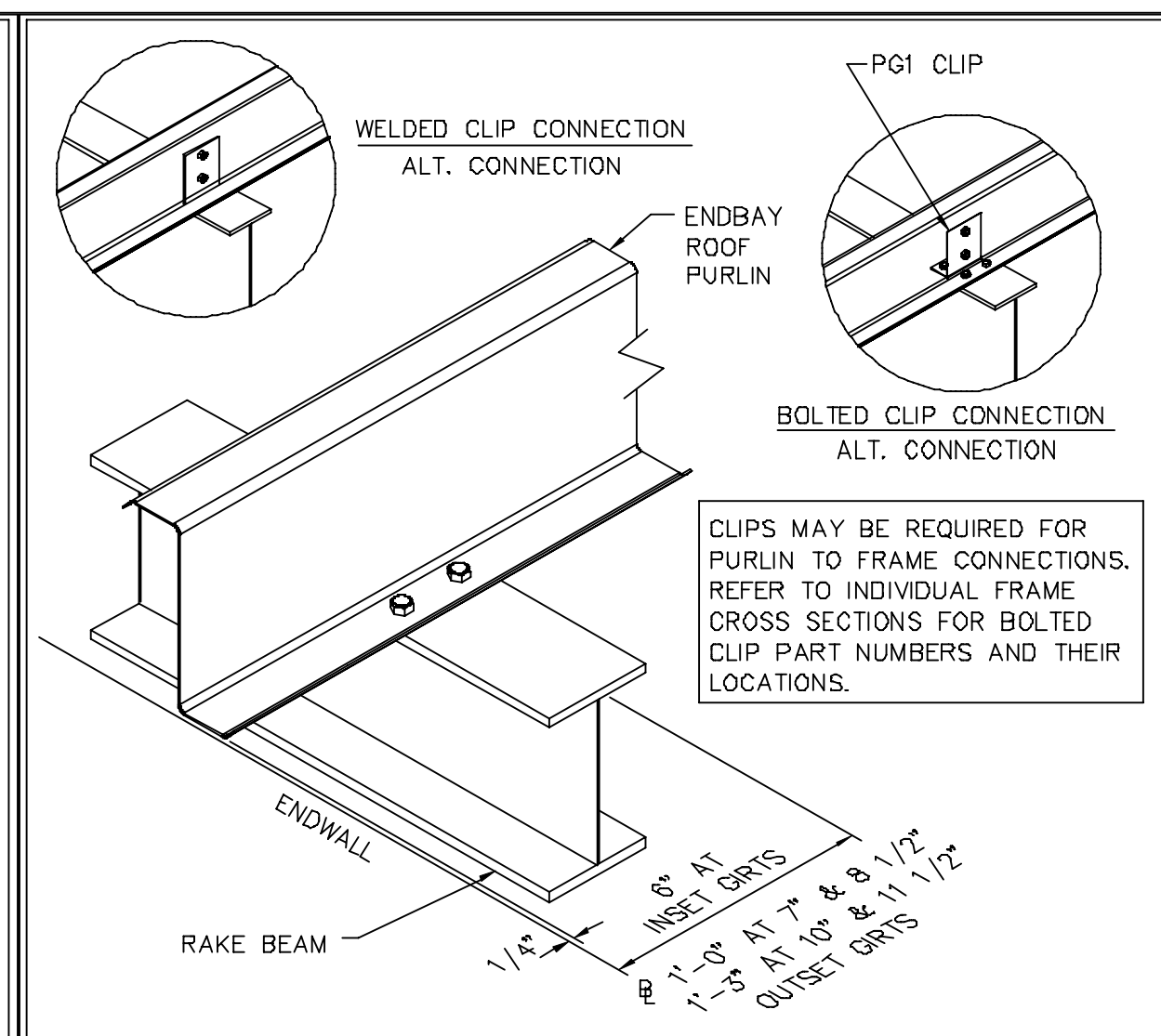
Butler Manufacturing
VPC VERSION: 2023.2



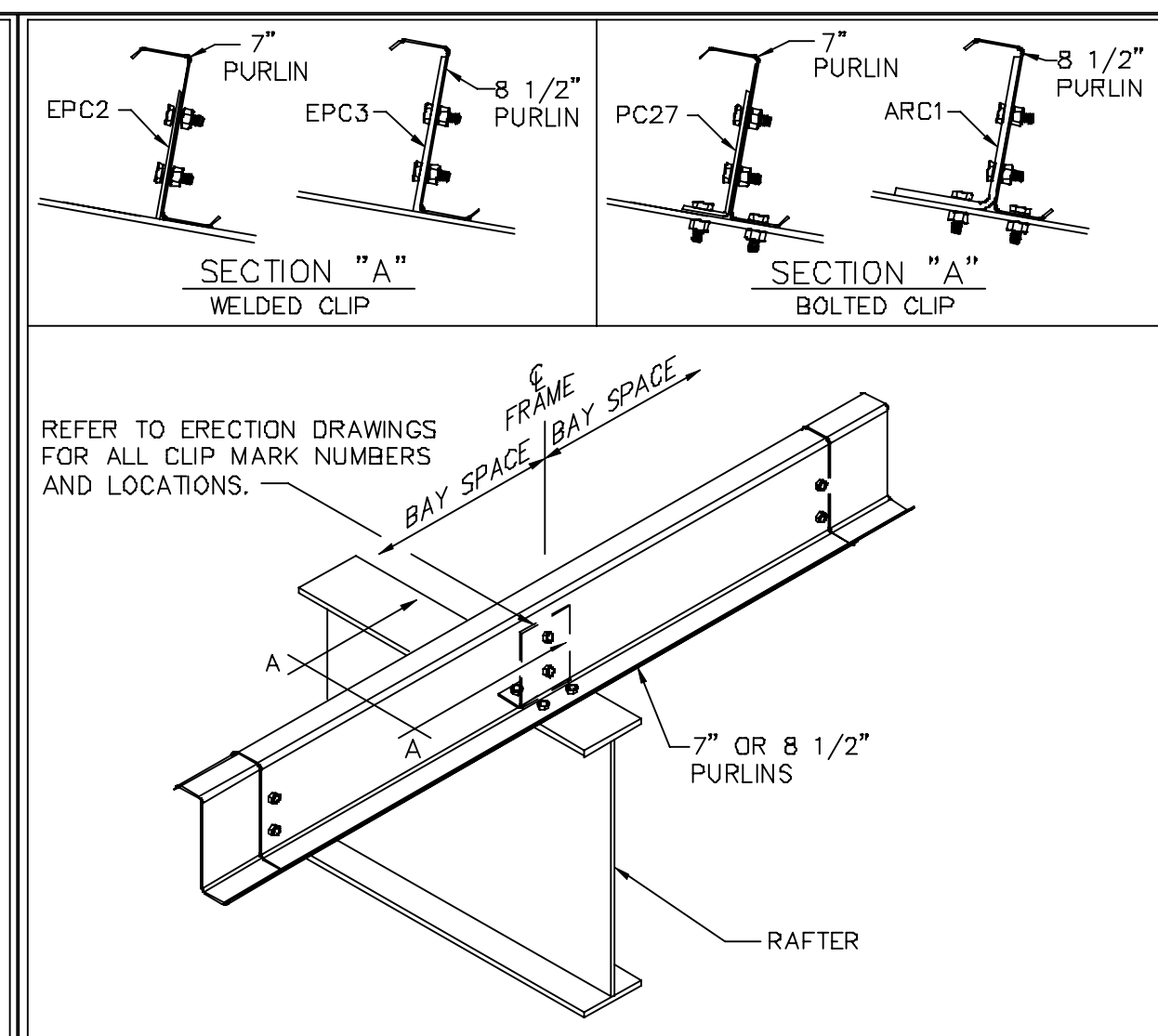
REV. DATE:07/01/09 | REV. NO. 00
EN53H1 PURLIN / GIRT
 11 1/2" 292mm



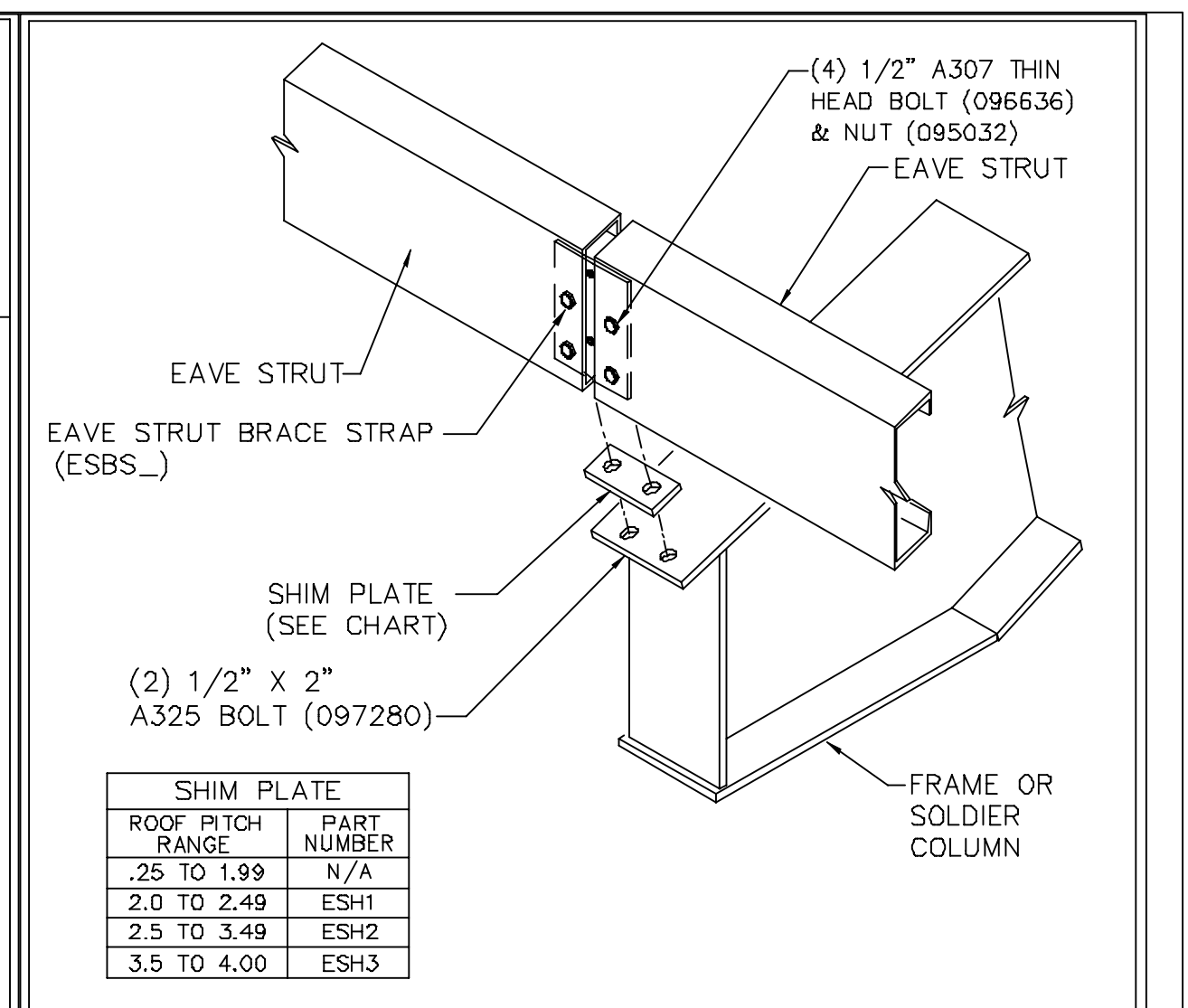
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RS01U1 PURLINS AT INTERIOR FRAME
 CONTINUOUS PURLINS



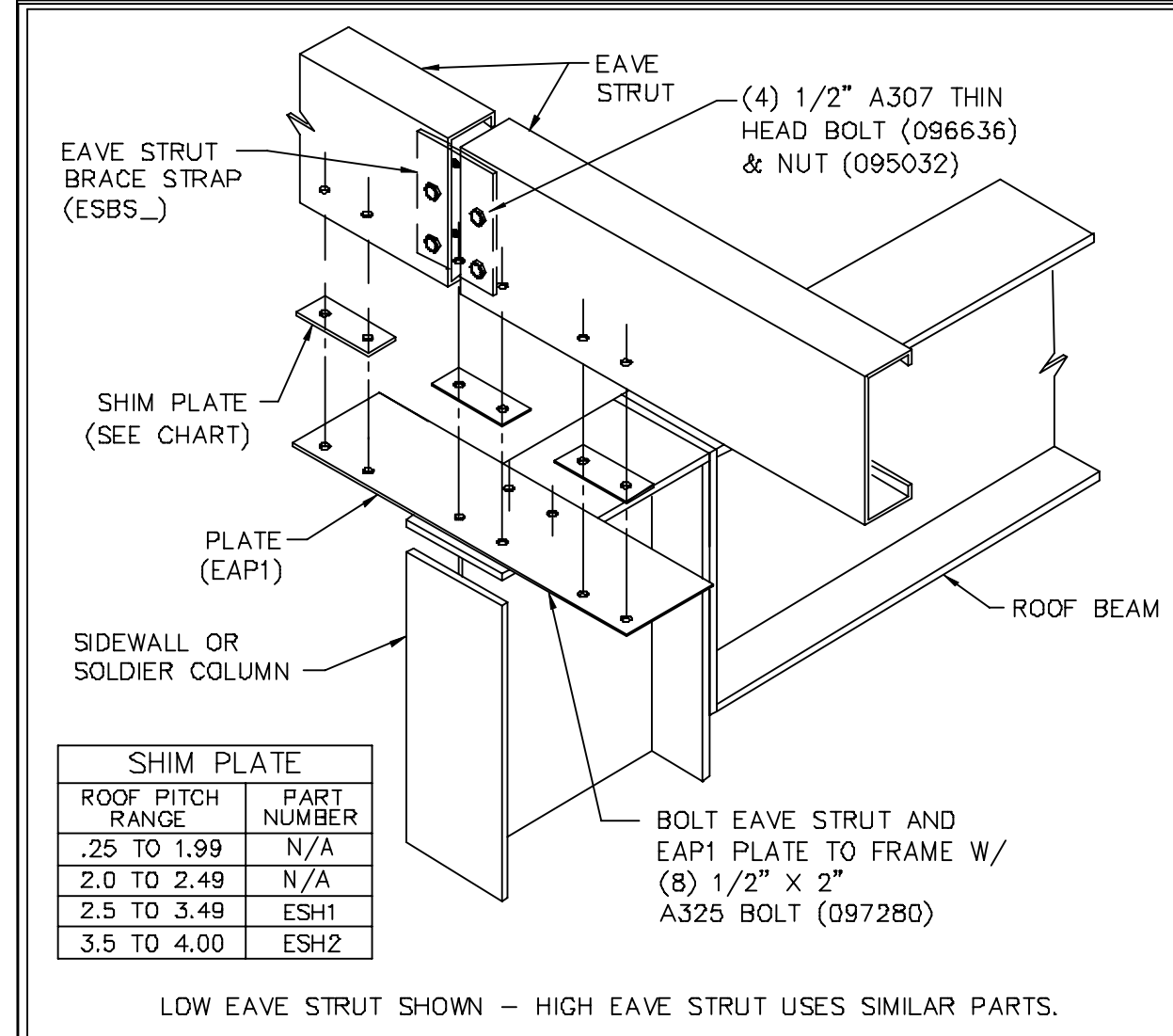
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RS02T1 PURLIN CONNECTION TO END FRAME
 CONTINUOUS PURLINS



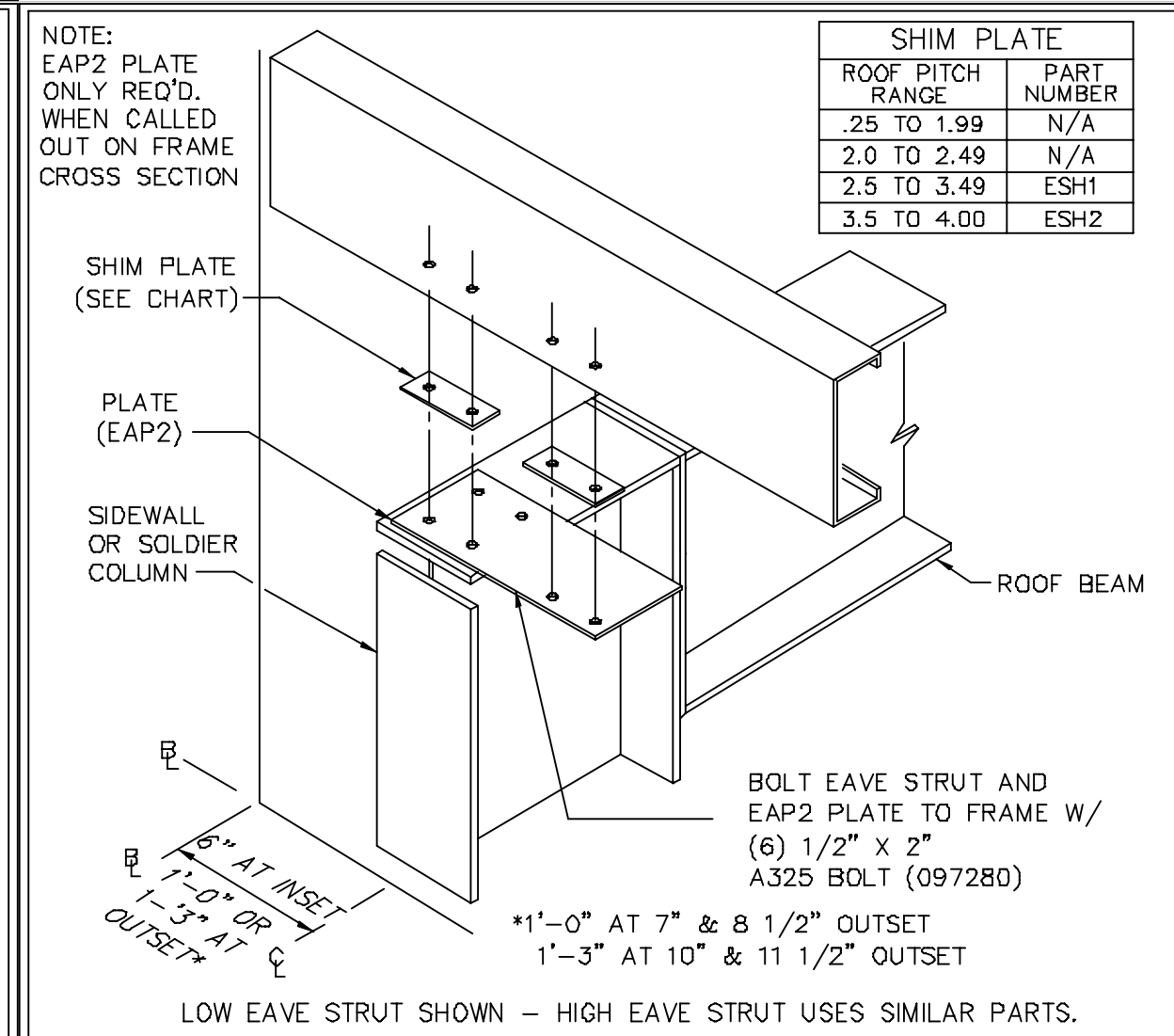
REV. DATE:06/11/14 | REV. NO. 04
RS03J1 ANTI-ROLL PURLIN CLIPS
 WHEN REQUIRED BY DESIGN



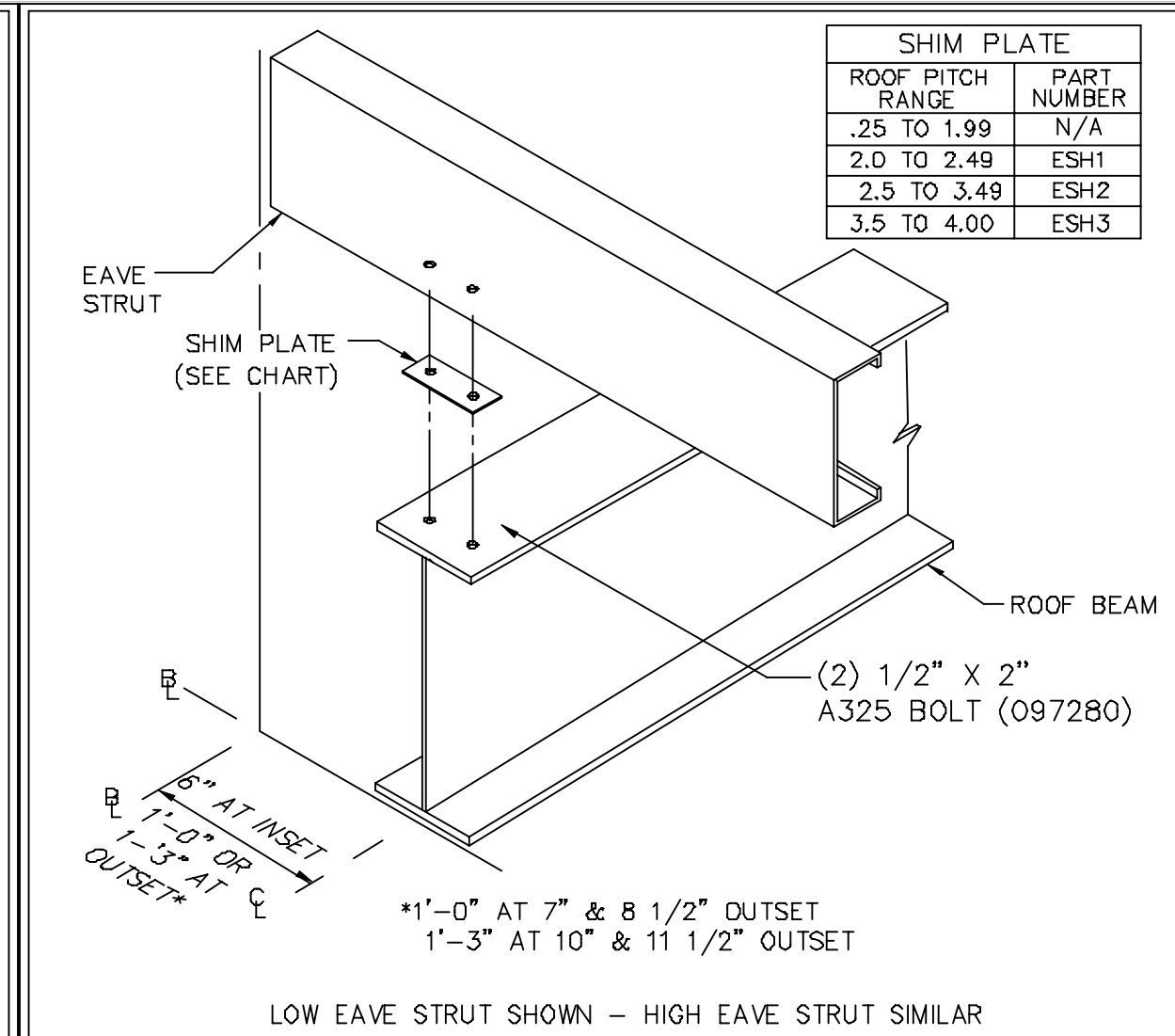
REV. DATE:07/20/16 | REV. NO. 03
RS12PA EAVE STRUT CONNECTION
 AT INTERIOR FRAME



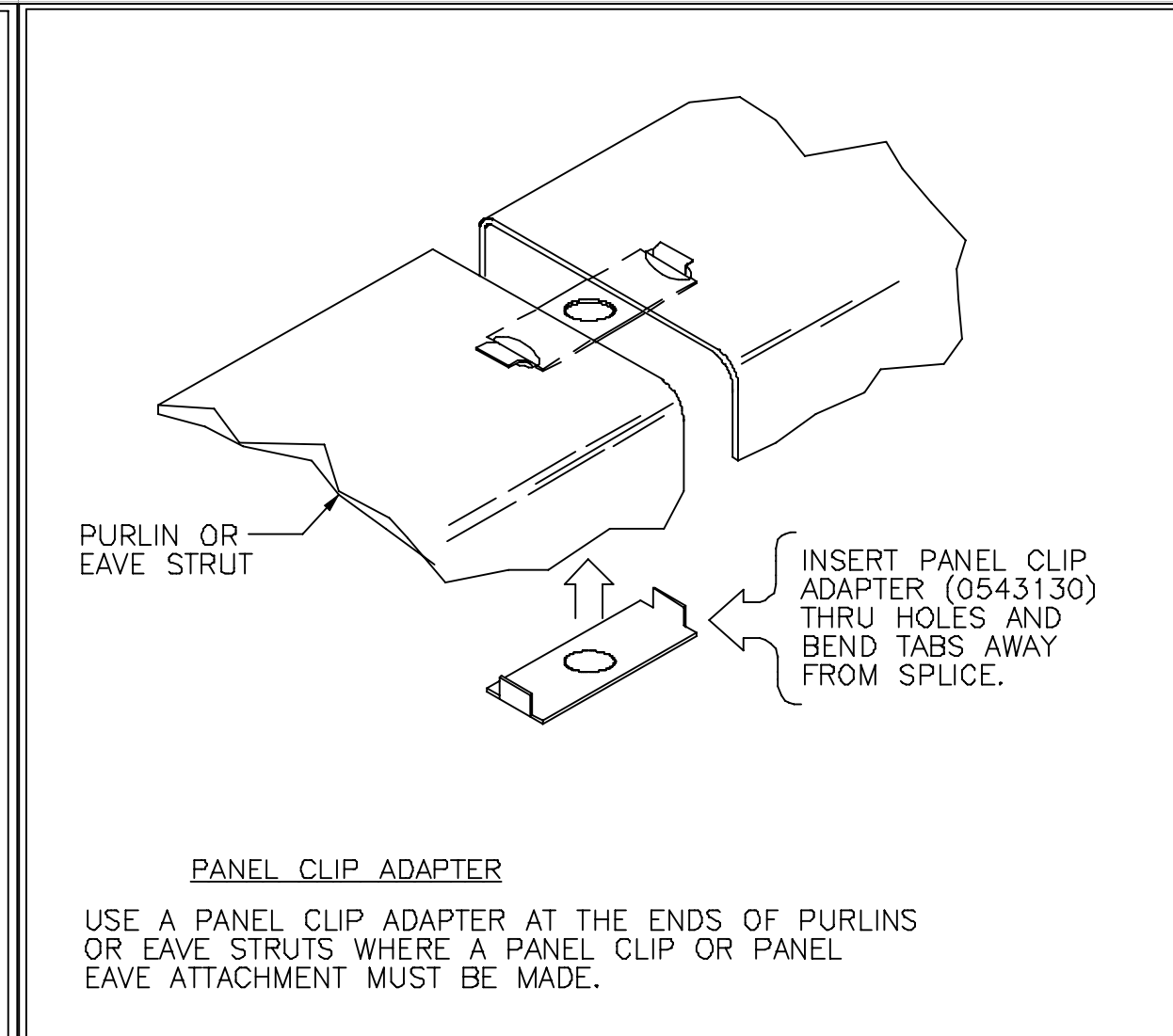
REV. DATE:07/20/16 | REV. NO. 05
RS12PE EAVE STRUT W/ ATTACHMENT PLATE
 INTERIOR FRAME



REV. DATE:03/28/15 | REV. NO. 02
RS12PF EAVE STRUT W/ ATTACHMENT PLATE
 END FRAME



REV. DATE:03/28/15 | REV. NO. 01
RS12PH EAVE STRUT CONNECTION
 AT END FRAME



REV. DATE:12/05/09 | REV. NO. 00
RS12PJ PANEL CLIP AT EAVE STRUT
 LOCATED WHERE STRUT STOPS BUT CONNECTION REQUIRED

1. UNLESS NOTED, USE 1/2 X 1 1/2 A325T BOLT (49080) AND NUT (47120) WO WASHERS. SNUG TIGHTEN BOLTS FOR ALL SECONDARY CONNECTIONS.
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D		BUTLER MANUFACTURING 1540 GENESSEE ST. KANSAS CITY, MO 64102		ROOF SECONDARY SED'S (b)	
REV:	DATE:	BY:	DESCRIPTION:	BUILDER:	C & M SALES, INC.
				CUSTOMER:	
				LOCATION:	Lake Ariel, Pennsylvania
				PROJECT:	WEDCO 2023
				BUILDER'S PO#:	
DRAWING SCALE:			NTS		

FOR BUILDING DEPT APPROVAL ONLY

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER KYLE ANDREW SCHLICHT No. PE087977

07/18/2023

DATE: 7/5/2023
 DRAWN/CHECK: /
 PAGE: 23

Butler Manufacturing
 VPC VERSION: 2023.2

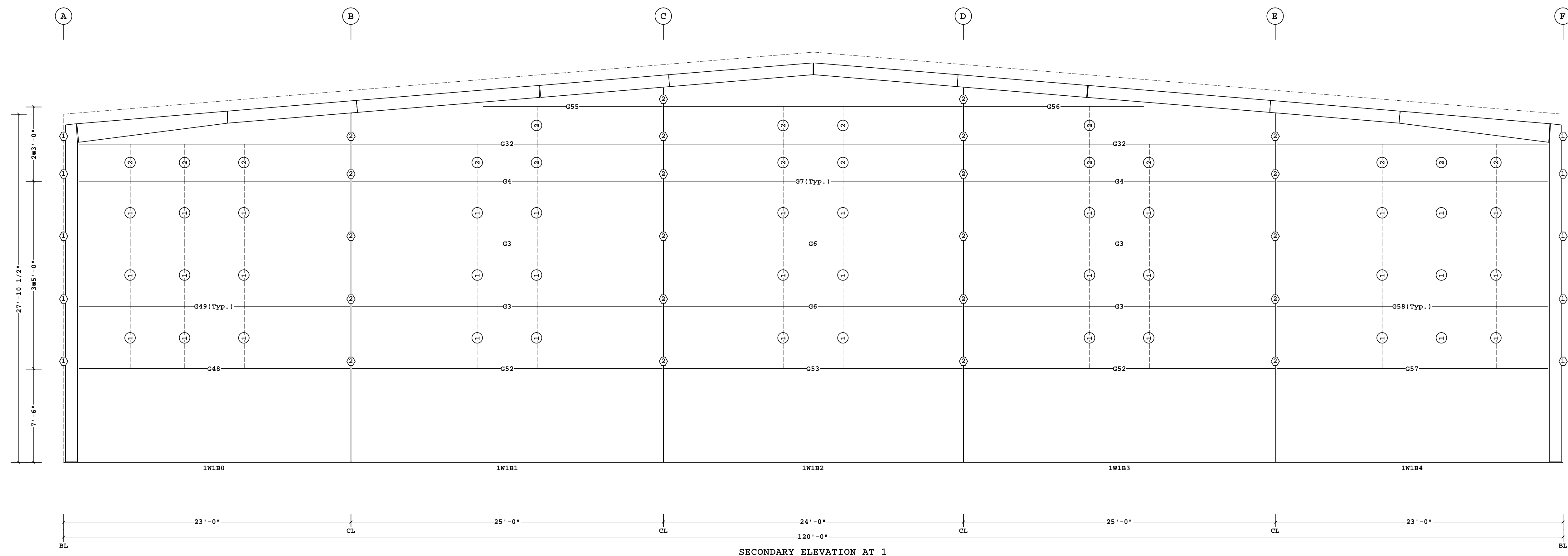
a division of BlueScope Buildings North America, Inc.

Secondary Part Schedule

Mark	Part	Thick.	Depth	Lap	Detail
G3	08Z2409415EEF2	0.0730	8 1/2"		BRR052,WS01R2
G32	08Z2409417EEF2	0.0600	8 1/2"		BRR052,WS01R2
G4	08Z2409416EEF2	0.0680	8 1/2"		BRR052,WS01R2
G48	00108ZS2107716F2	0.0680	8 1/2"		WSR029,WS01R2,BRR052
G49	00208ZS2107717F2	0.0600	8 1/2"		WSR029,WS01R2,BRR052
G52	08Z2409414EEF2	0.0790	8 1/2"		BRR052,WS01R2
G53	08Z2309415EEF2	0.0730	8 1/2"		BRR052,WS01R2
G55	00308ZS140351712	0.0600	8 1/2"		BRR052,WS01R2,WS04E2
G56	00408ZS140351712	0.0600	8 1/2"		WS04E2,BRR052,WS01R2
G57	00508ZS2107716F2	0.0680	8 1/2"		WSR029,BRR052,WS01R2
G58	00608ZS2107717F2	0.0600	8 1/2"		WSR029,BRR052,WS01R2
G6	08Z2309416EEF2	0.0680	8 1/2"		BRR052,WS01R2
G7	08Z2309417EEF2	0.0600	8 1/2"		BRR052,WS01R2

Secondary Bracing Schedule

Id	Qty	Mark No	Spacing
1	36	CPBB050108	5'-0"
2	16	CPBB030108	3'-0"
3	12	0544015	0'-0"



- 2 GFAP1054
- 1 GFAP1114
- Part Mark Key

Shape Name = 120 X 280 X 28, Wall = 1

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D BUTLER MANUFACTURING 1540 GENESSEE ST. KANSAS CITY, MO 64102			
REV:	DATE:	BY:	DESCRIPTION:
DRAWING SCALE: NTS			

SECONDARY ELEVATION AT 1	
BUILDER:	C & M SALES, INC.
CUSTOMER:	
LOCATION:	Lake Ariel, Pennsylvania
PROJECT:	WEDCO 2023
BUILDER'S PO#:	



JOB #:	
DATE:	7/5/2023
DRAWN/CHECK:	/
PAGE:	24

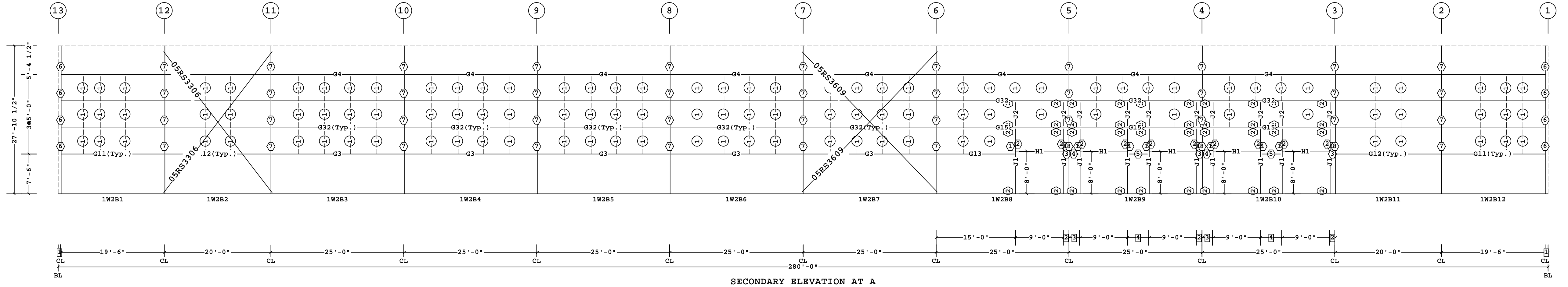


07/18/2023

FOR BUILDING DEPT APPROVAL ONLY

Mark	Part	Thick.	Depth	Lap	Detail
G11	08Z1903417EEF2	0.0600	8 1/2"		WSR029,WS01R2,BRR052
G12	08Z1909417EEF2	0.0600	8 1/2"		BRR052,WS01R2
G13	00708ZS140741712	0.0600	8 1/2"		WS20F2,BRR052,WS01R2
G14	JCP051070	0.0600	8 1/2"		BRR052,WS01R2,WS20F2
G15	08Z2409413EEF2	0.0880	8 1/2"		BRR052,WS01R2
G16	00808ZS010741712	0.0600	8 1/2"		WS20F2,BRR052,WS01R2
G17	00908ZS030541702	0.0600	8 1/2"		WS20F2
G3	08Z2409415EEF2	0.0730	8 1/2"		BRR052,WS01R2
G32	08Z2409417EEF2	0.0600	8 1/2"		BRR052,WS01R2
G4	08Z2409416EEF2	0.0680	8 1/2"		BRR052,WS01R2
H1	00108JS0900017	0.0600	8 1/2"		WS20F9
J1	00208JS1202217	0.0600	8 1/2"		WS20F9,WS20F2,WS20B2,WS20B8
J2	00308JS0404417	0.0600	8 1/2"		WS20B2,WS20H2

Secondary Bracing Schedule			
Id	Qty	Mark No	Spacing
1	111	CPBB050108	5'-0"
2	42	0544015	0'-0"



Part	Qty	Length	Detail
05RS3306	2	33'-6"	BR01G2
05RS3609	2	36'-9"	BR01G2

8	GFAP1084
7	GFAP1054
6	GFAP1024
5	G17
4	G16
3	G14
2	PG1
1	JTG1

□ Dimension Key ○ Part Mark Key



FOR BUILDING DEPT APPROVAL ONLY

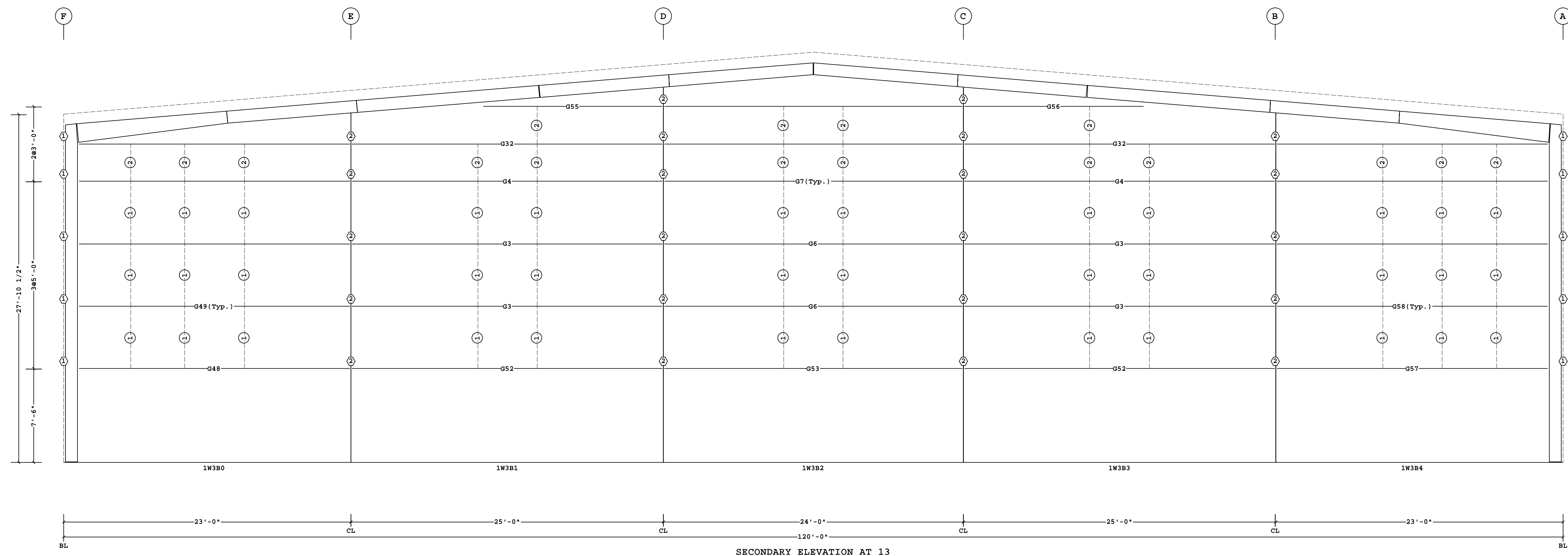
<p>1. UNLESS NOTED, USE 1/2 X 1 1/2 A325T BOLT (49080) AND NUT (47120) WO WASHERS. SNUG TIGHTEN BOLTS FOR ALL SECONDARY CONNECTIONS.</p> <p>2. FLANGE BRACES ARE AN INTEGRAL PART OF THE STABILITY OF THE STRUCTURAL SYSTEM AND MUST BE PROPERLY INSTALLED PRIOR TO ERECTION OF WALL AND ROOF SHEETS.</p> <p>3. REMOVAL OR ALTERATION OF ANY COMPONENT IS PROHIBITED.</p>	<p>THE BUTLER MFG. ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF BUTLER MFG. AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER. THE BUTLER MFG. ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY BUTLER EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER.</p>	<p>THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF BUTLER MFG. 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 BUTLER MFG.</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 BUTLER MFG. ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.</p>	<p>D BUTLER MANUFACTURING 1540 GENESSEE ST. KANSAS CITY, MO 64102</p>	<p>SECONDARY ELEVATION AT A</p>		
				<p>REV: DATE: BY: DESCRIPTION:</p>	<p>BUILDER: C & M SALES, INC.</p>	<p>JOB #:</p>
				<p>DRAWING SCALE: NTS</p>	<p>CUSTOMER:</p> <p>LOCATION: Lake Ariel, Pennsylvania</p> <p>PROJECT: WEDCO 2023</p> <p>BUILDER'S PO#:</p>	<p>DATE: 7/5/2023</p> <p>DRAWN/CHECK: /</p> <p>PAGE: 25</p>

Secondary Part Schedule

Mark	Part	Thick.	Depth	Lap	Detail
G3	08Z2409415EEF2	0.0730	8 1/2"		BRR052,WS01R2
G32	08Z2409417EEF2	0.0600	8 1/2"		BRR052,WS01R2
G4	08Z2409416EEF2	0.0680	8 1/2"		BRR052,WS01R2
G48	00108ZS2107716F2	0.0680	8 1/2"		WSR029,WS01R2,BRR052
G49	00208ZS2107717F2	0.0600	8 1/2"		WSR029,WS01R2,BRR052
G52	08Z2409414EEF2	0.0790	8 1/2"		BRR052,WS01R2
G53	08Z2309415EEF2	0.0730	8 1/2"		BRR052,WS01R2
G55	00308ZS140351712	0.0600	8 1/2"		BRR052,WS01R2,WS04E2
G56	00408ZS140351712	0.0600	8 1/2"		WS04E2,BRR052,WS01R2
G57	00508ZS2107716F2	0.0680	8 1/2"		WSR029,BRR052,WS01R2
G58	00608ZS2107717F2	0.0600	8 1/2"		WSR029,BRR052,WS01R2
G6	08Z2309416EEF2	0.0680	8 1/2"		BRR052,WS01R2
G7	08Z2309417EEF2	0.0600	8 1/2"		BRR052,WS01R2

Secondary Bracing Schedule

Id	Qty	Mark No	Spacing
1	36	CPBB050108	5'-0"
2	16	CPBB030108	3'-0"
3	12	0544015	0'-0"



SECONDARY ELEVATION AT 13

- 2 GFAP1054
- 1 GFAP1114

Part Mark Key

Shape Name = 120 X 280 X 28, Wall = 3

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D BUTLER MANUFACTURING 1540 GENESSEE ST. KANSAS CITY, MO 64102			
REV:	DATE:	BY:	DESCRIPTION:
DRAWING SCALE: NTS			

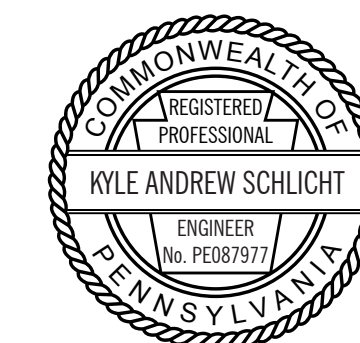
SECONDARY ELEVATION AT 13

BUILDER:	C & M SALES, INC.
CUSTOMER:	
LOCATION:	Lake Ariel, Pennsylvania
PROJECT:	WEDCO 2023
BUILDER'S PO#:	



JOB #:	
DATE:	7/5/2023
DRAWN/CHECK:	/
PAGE:	26

FOR BUILDING DEPT APPROVAL ONLY

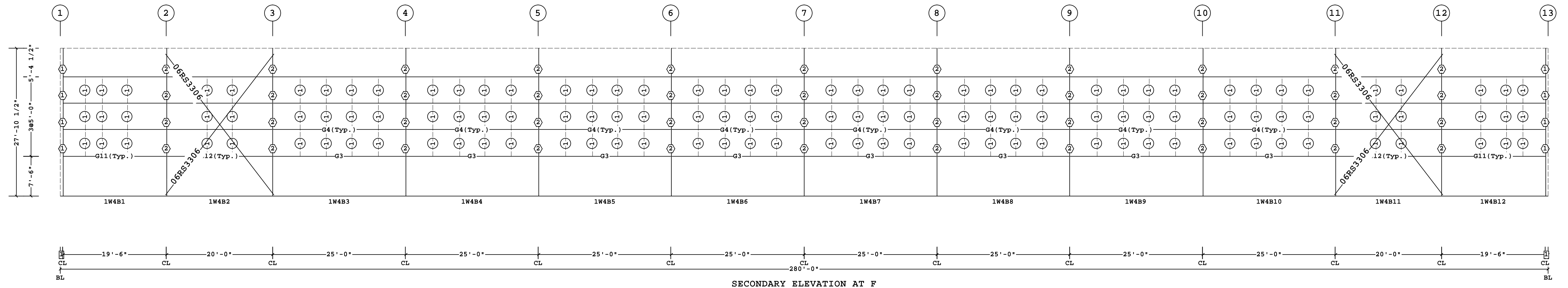


07/18/2023

Secondary Part Schedule

Mark	Part	Thick.	Depth	Lap	Detail
G11	08Z1903417EEF2	0.0600	8 1/2"		WSR029,WS01R2,BRR052
G12	08Z1909417EEF2	0.0600	8 1/2"		BRR052,WS01R2
G3	08Z2409415EEF2	0.0730	8 1/2"		BRR052,WS01R2
G4	08Z2409416EEF2	0.0680	8 1/2"		BRR052,WS01R2

Secondary Bracing Schedule			
Id	Qty	Mark No	Spacing
1	126	CPBB050108	5'-0"
2	42	0544015	0'-0"



- 1 6" Dimension Key
- 2 GFAP1054
- 1 GFAP1024
- Part Mark Key

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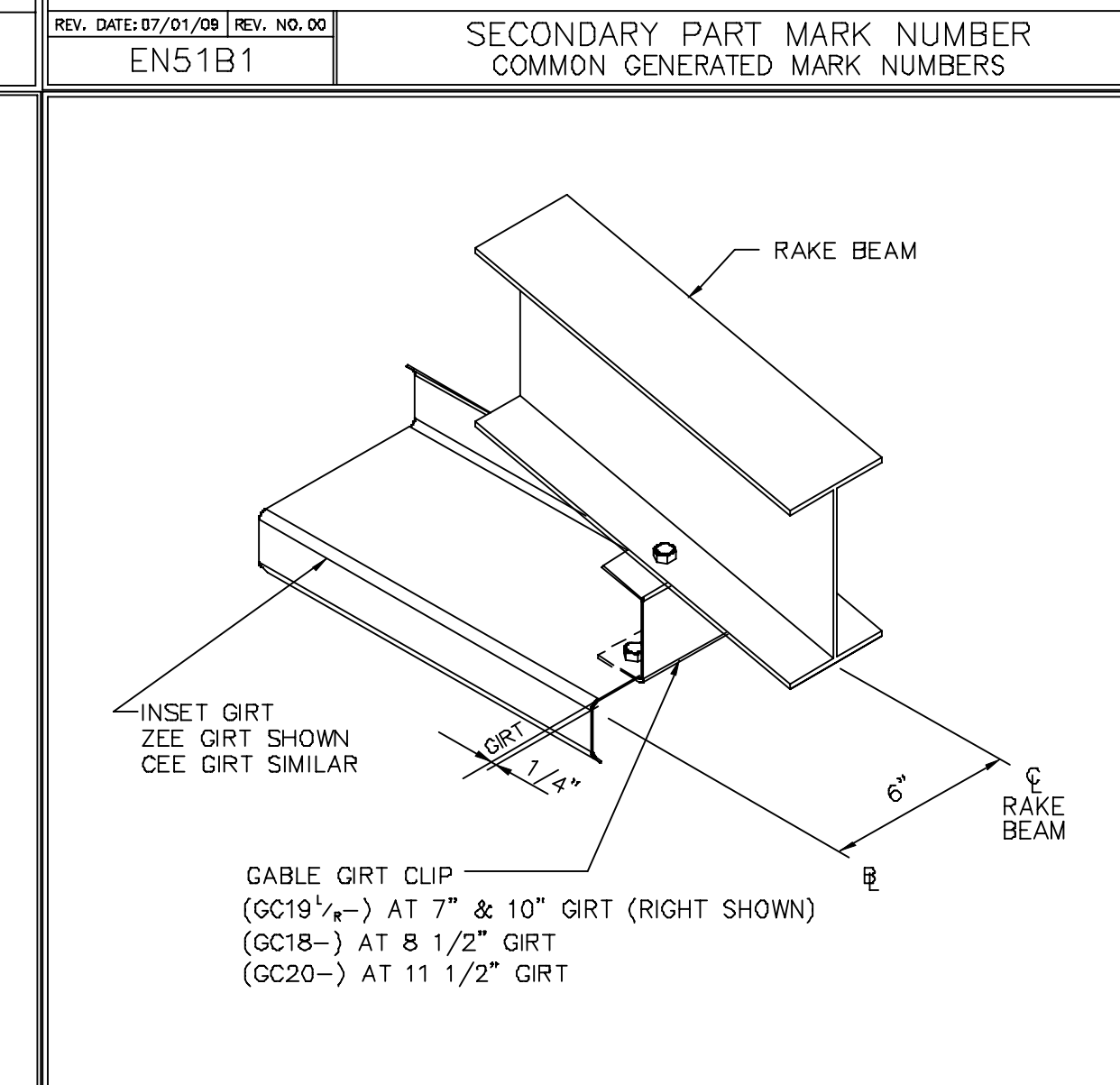
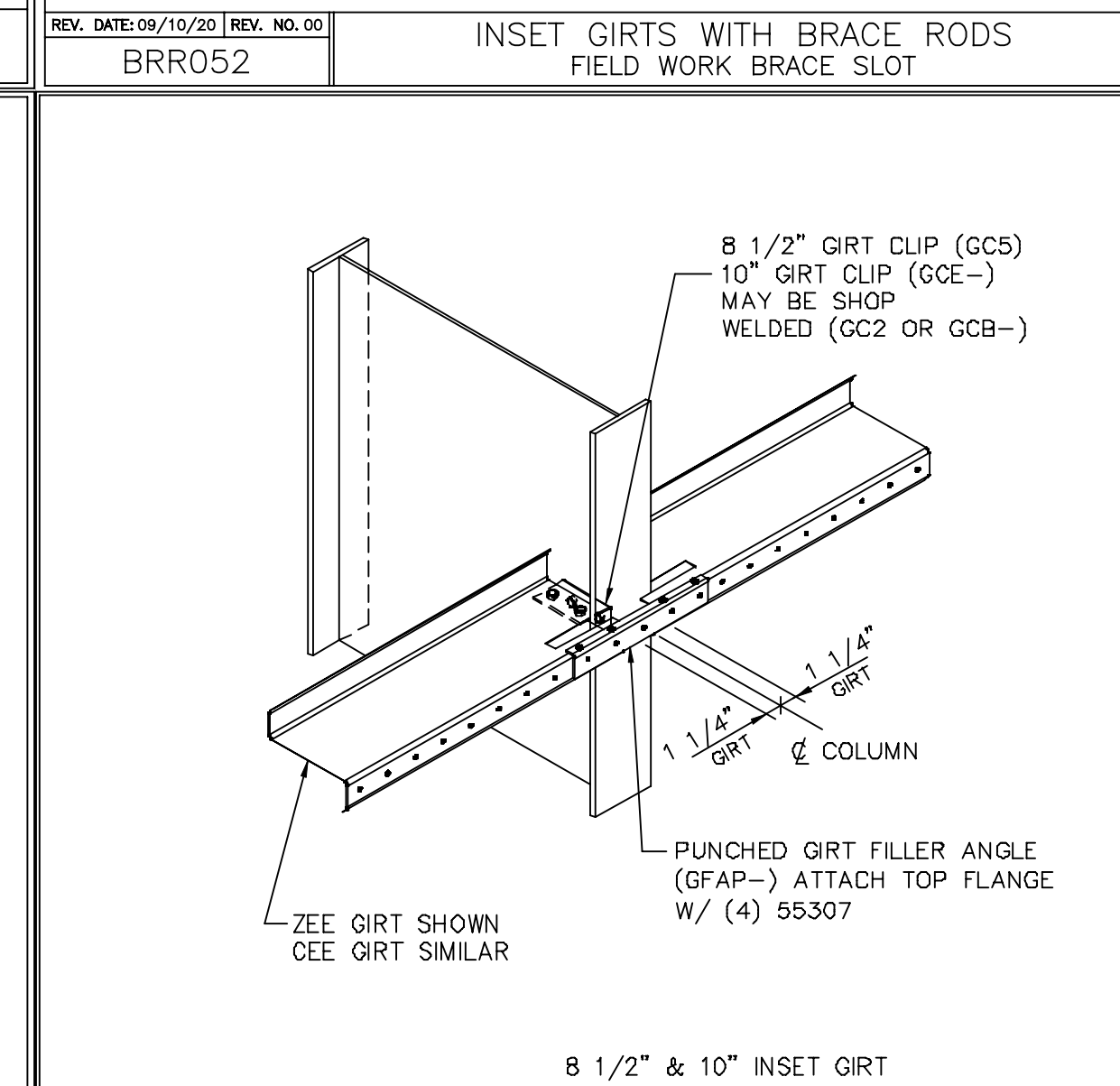
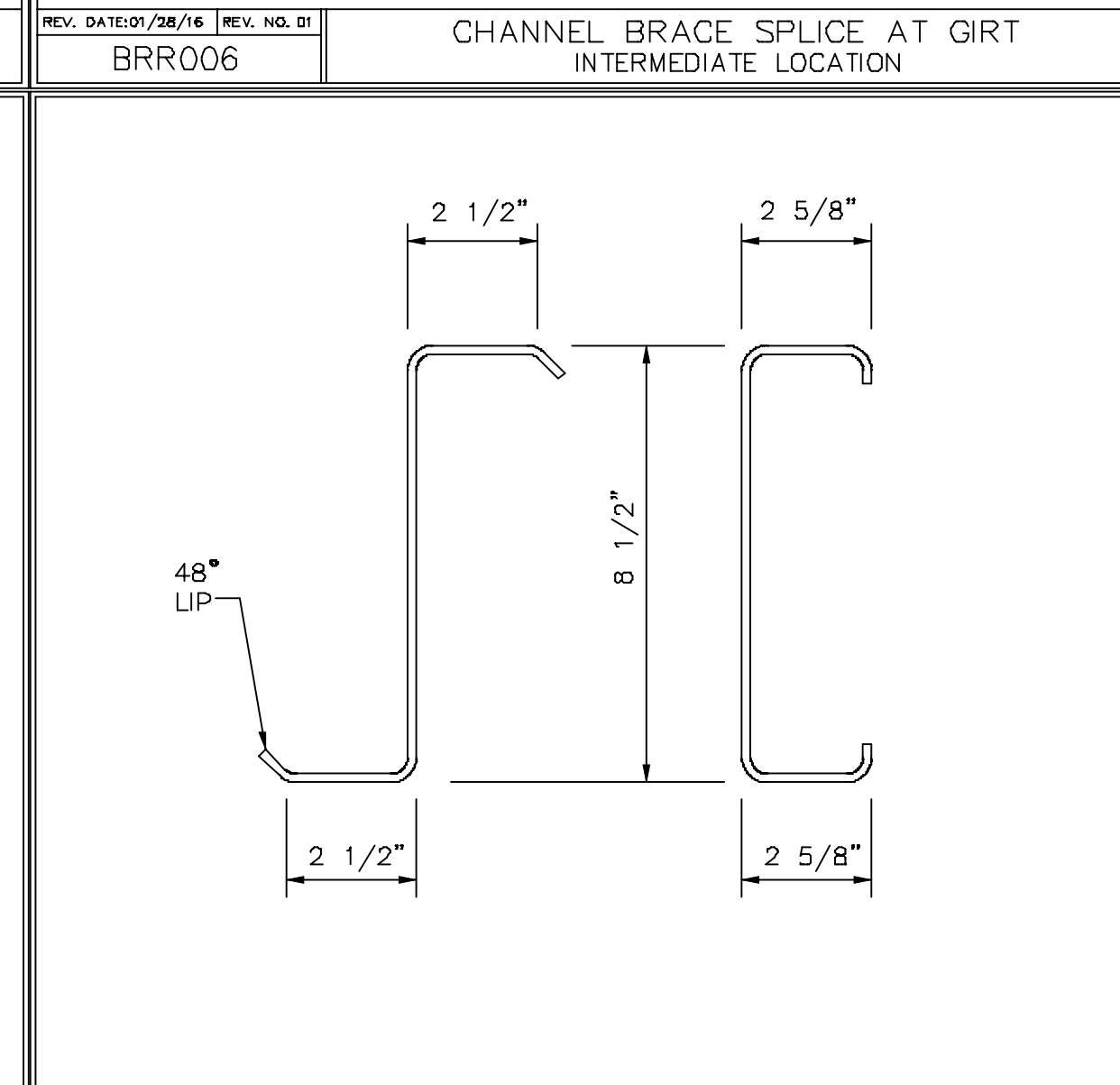
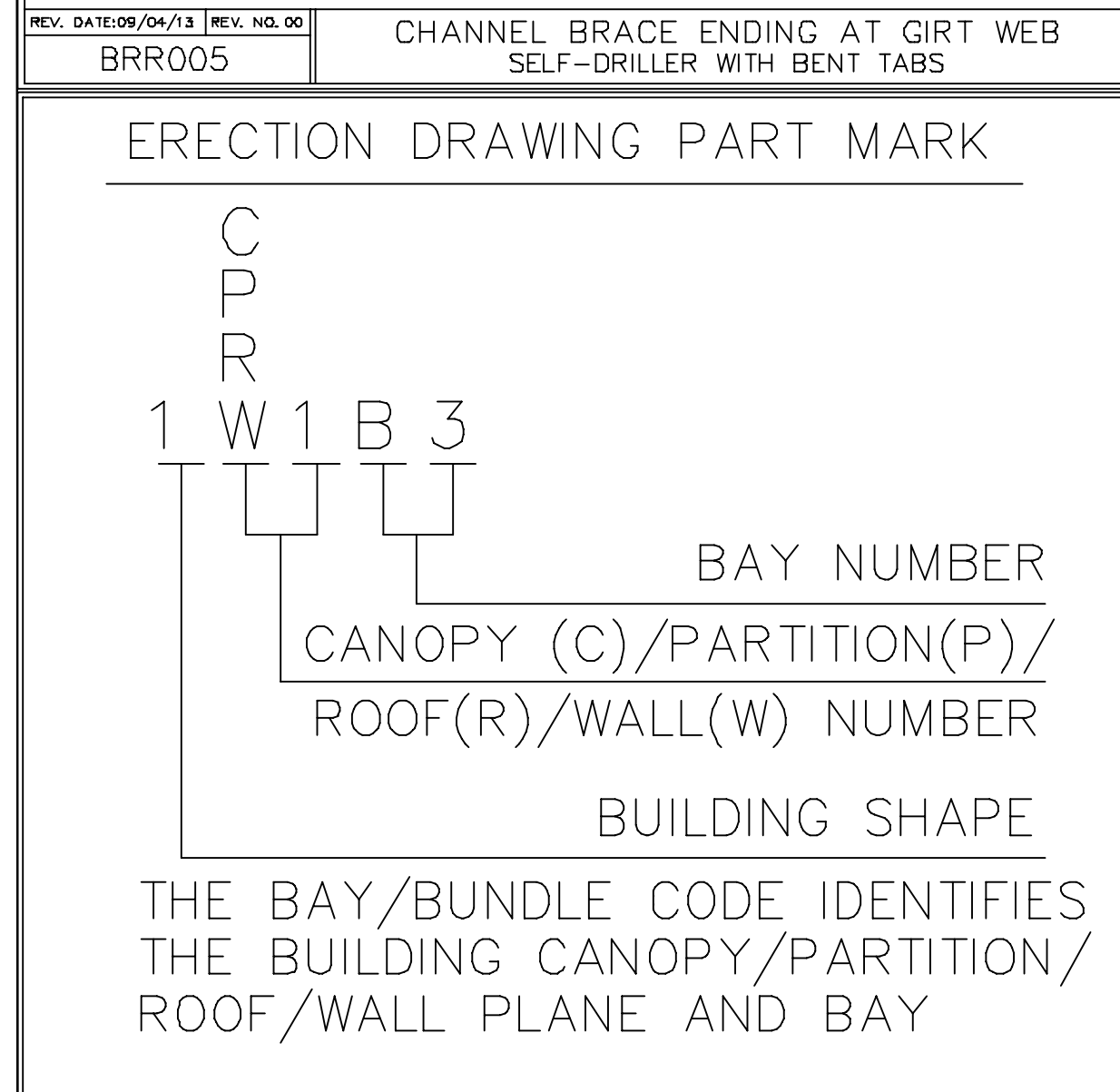
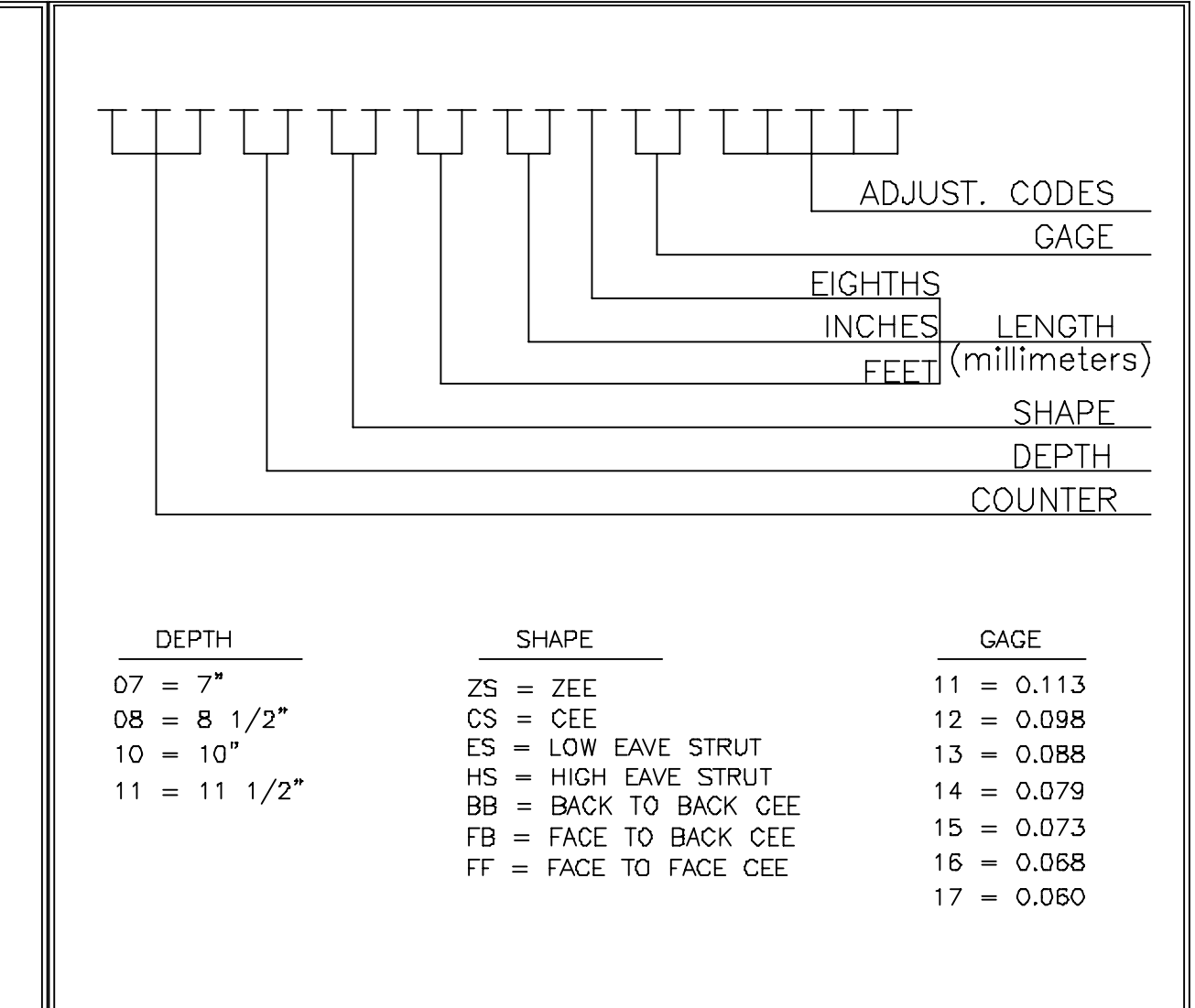
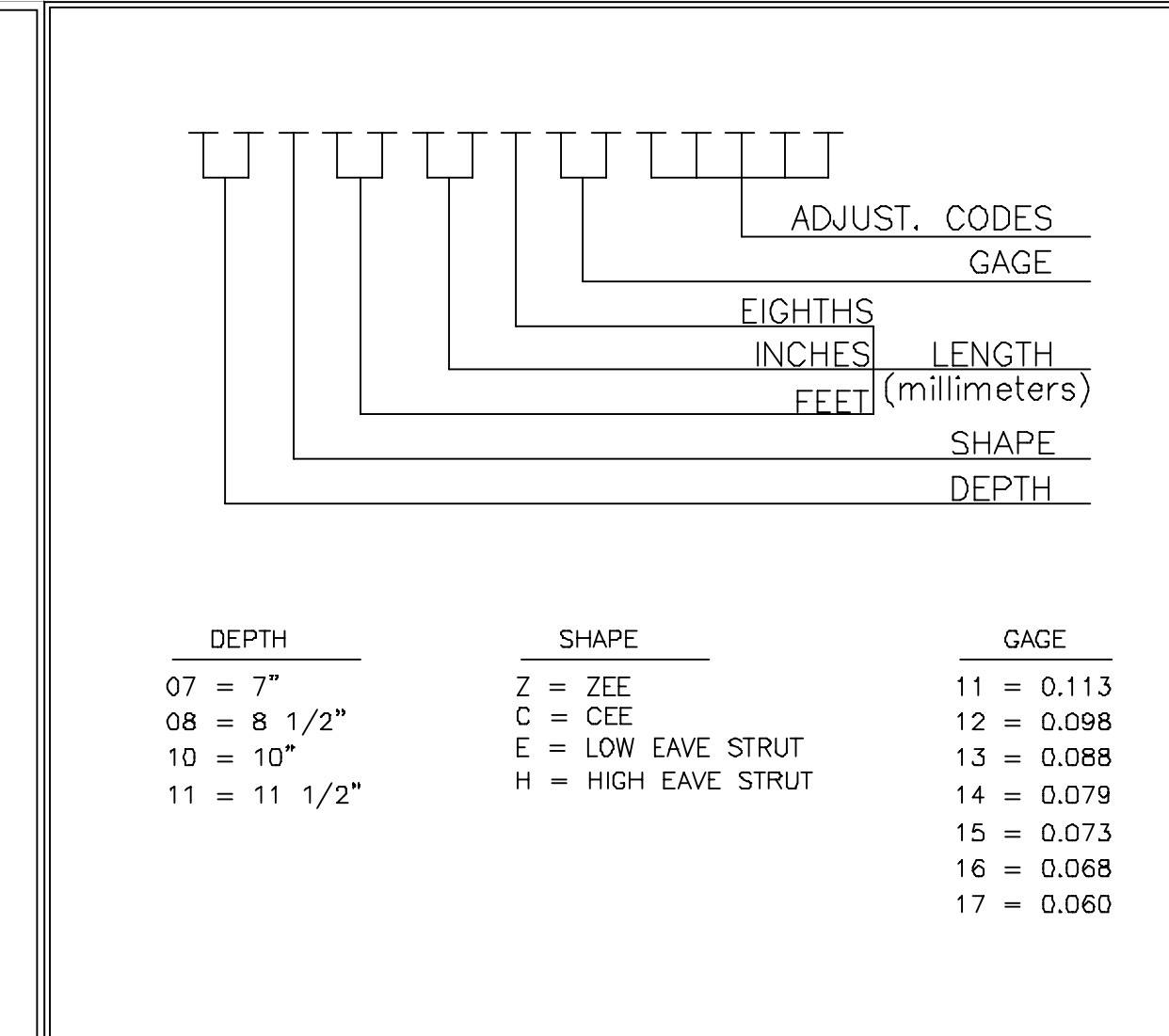
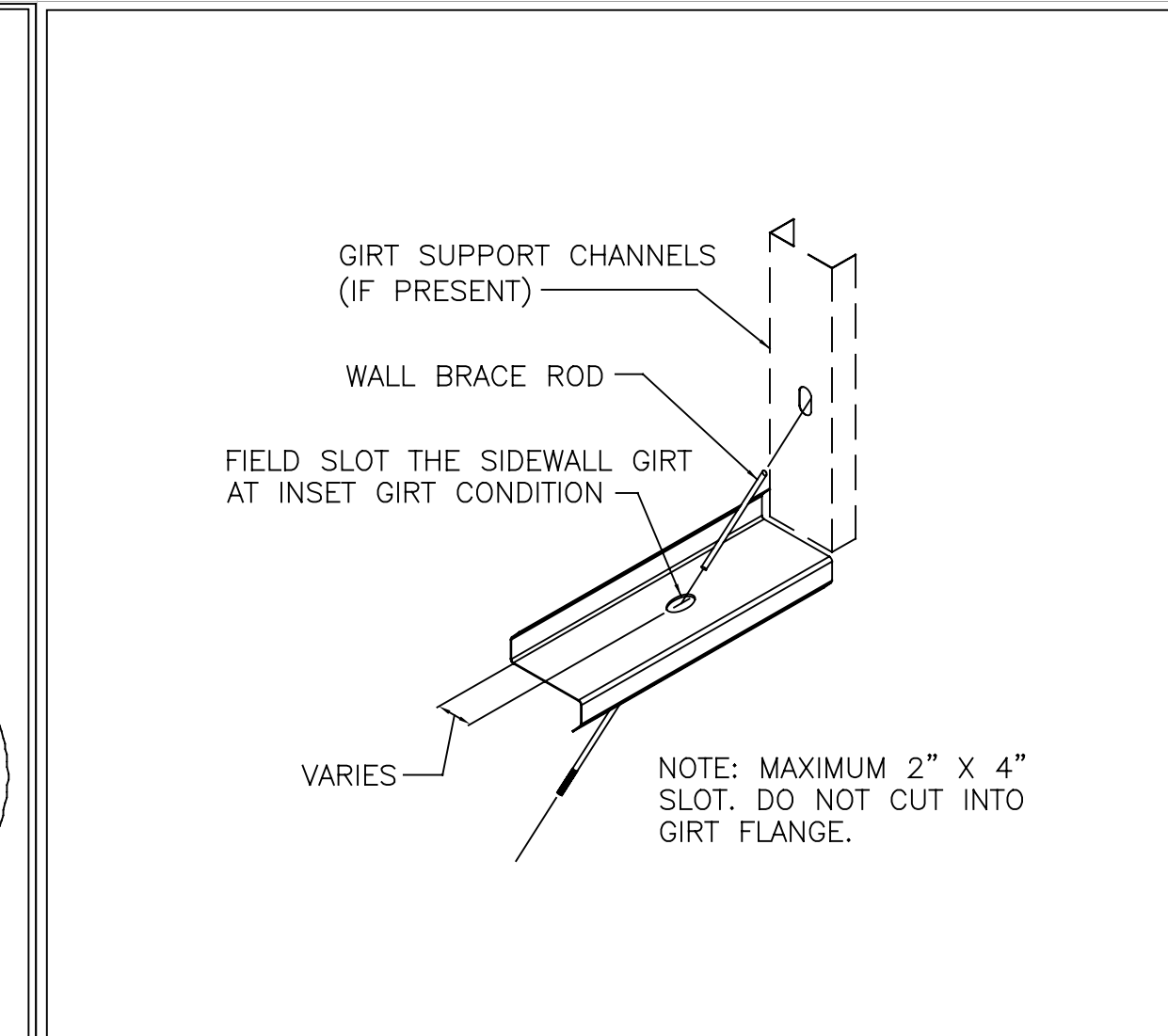
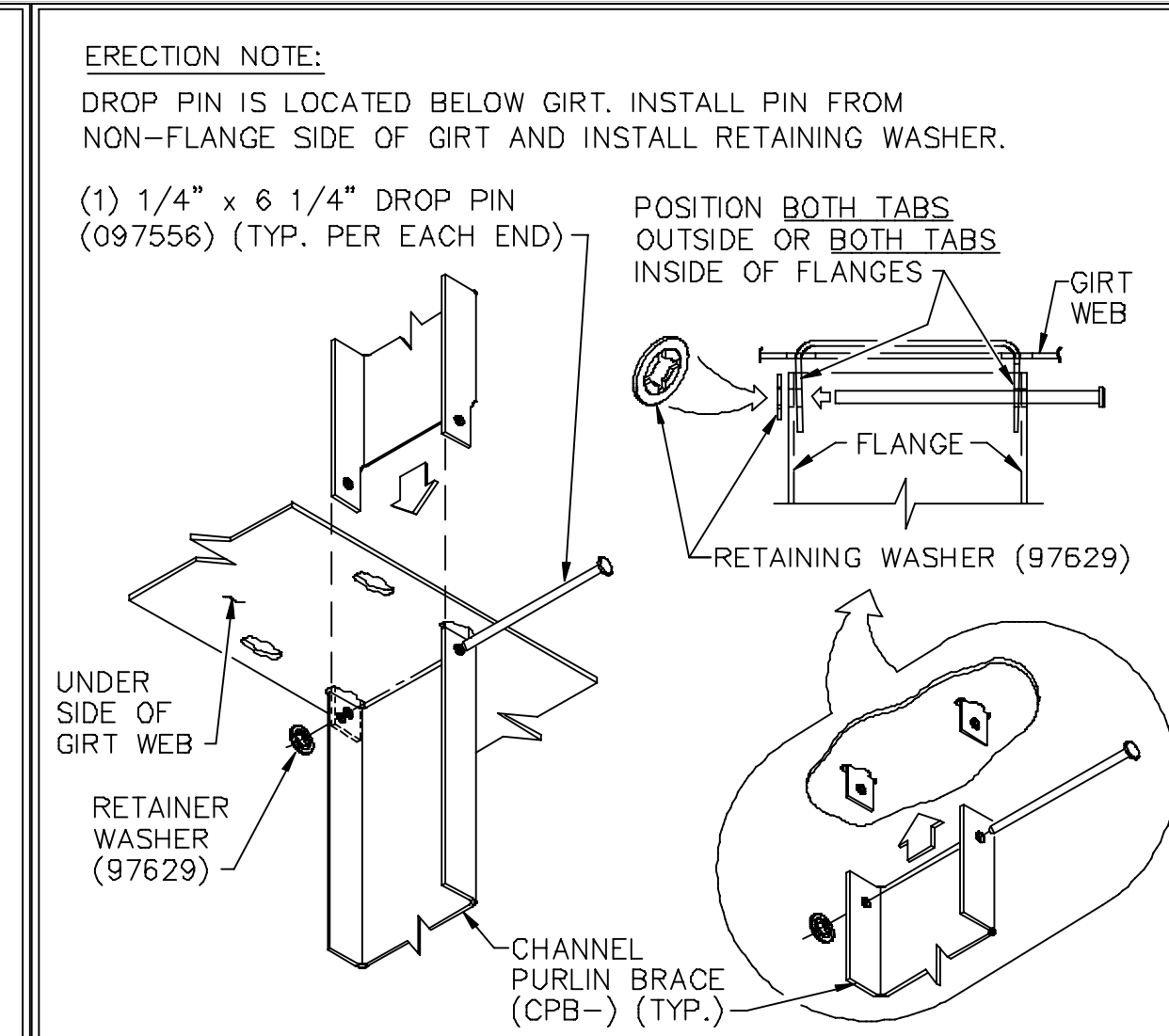
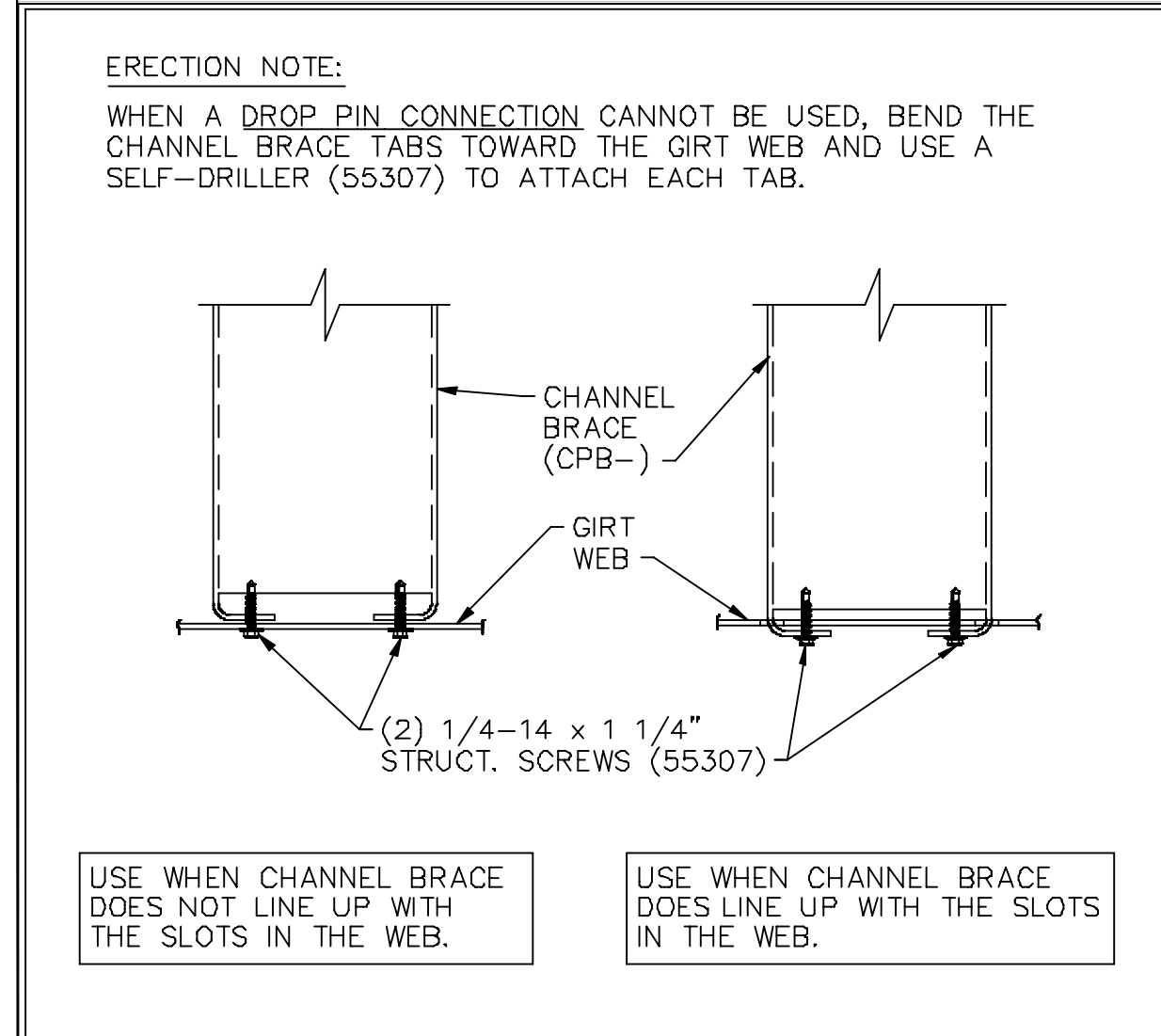
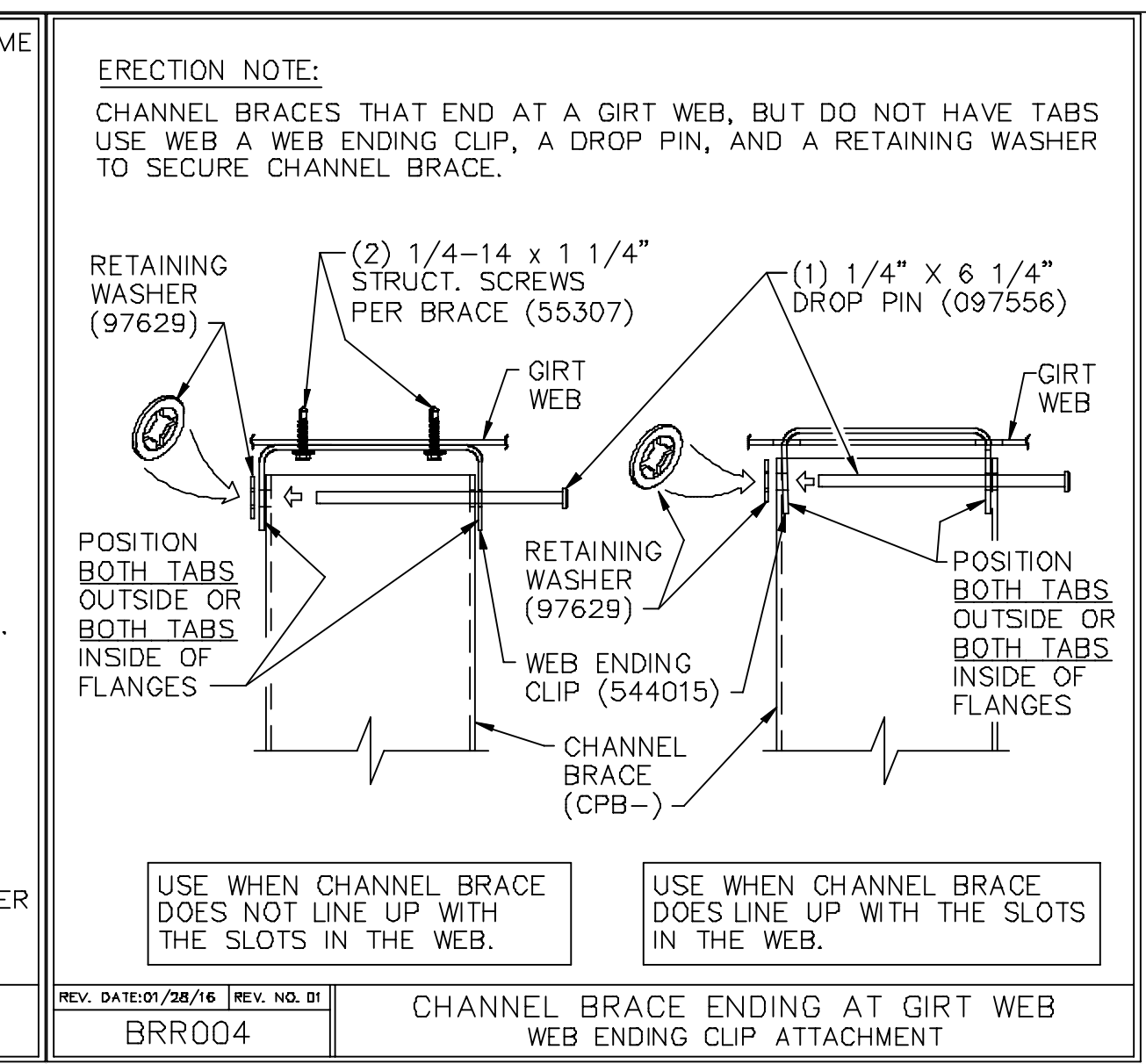
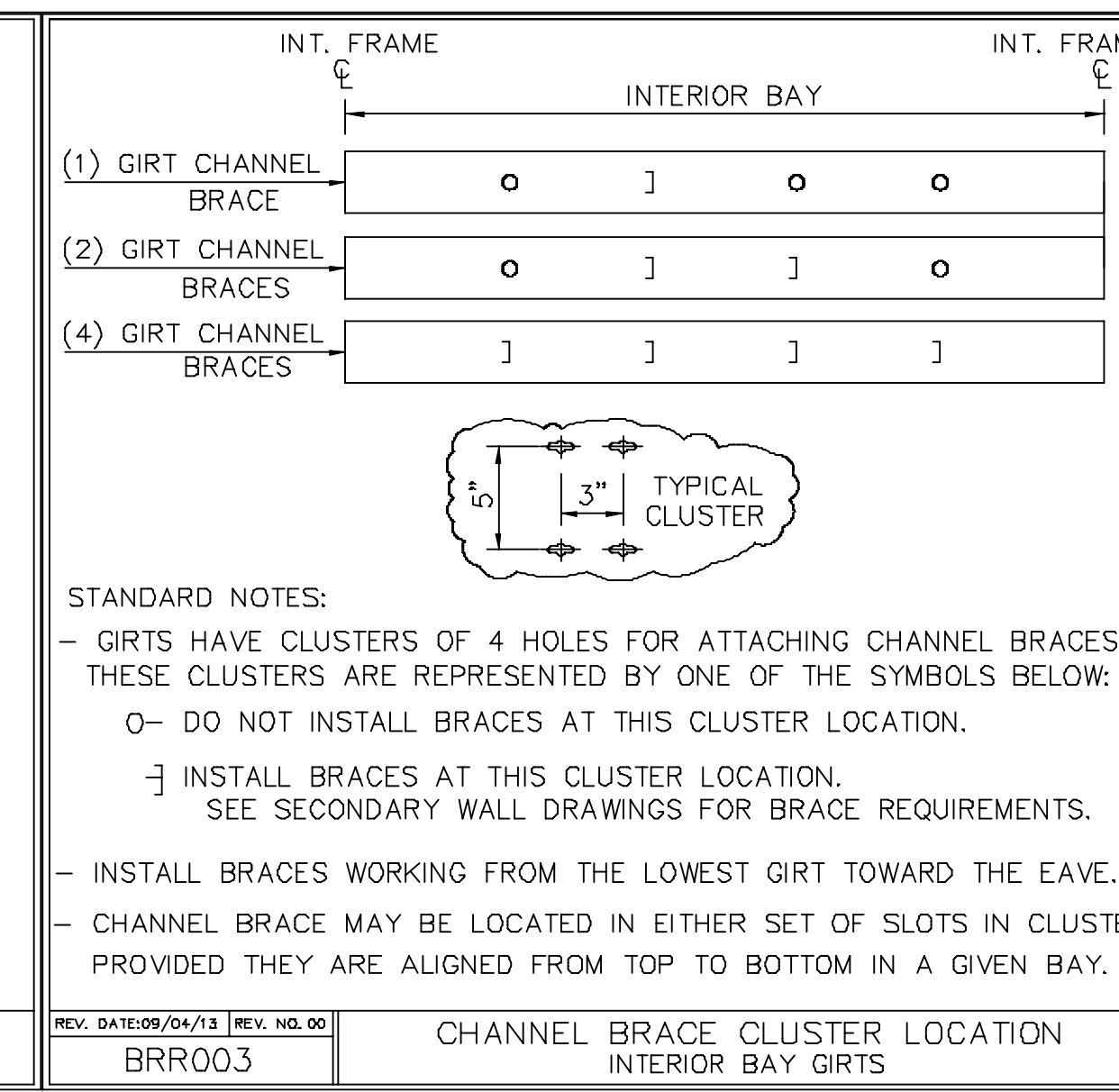
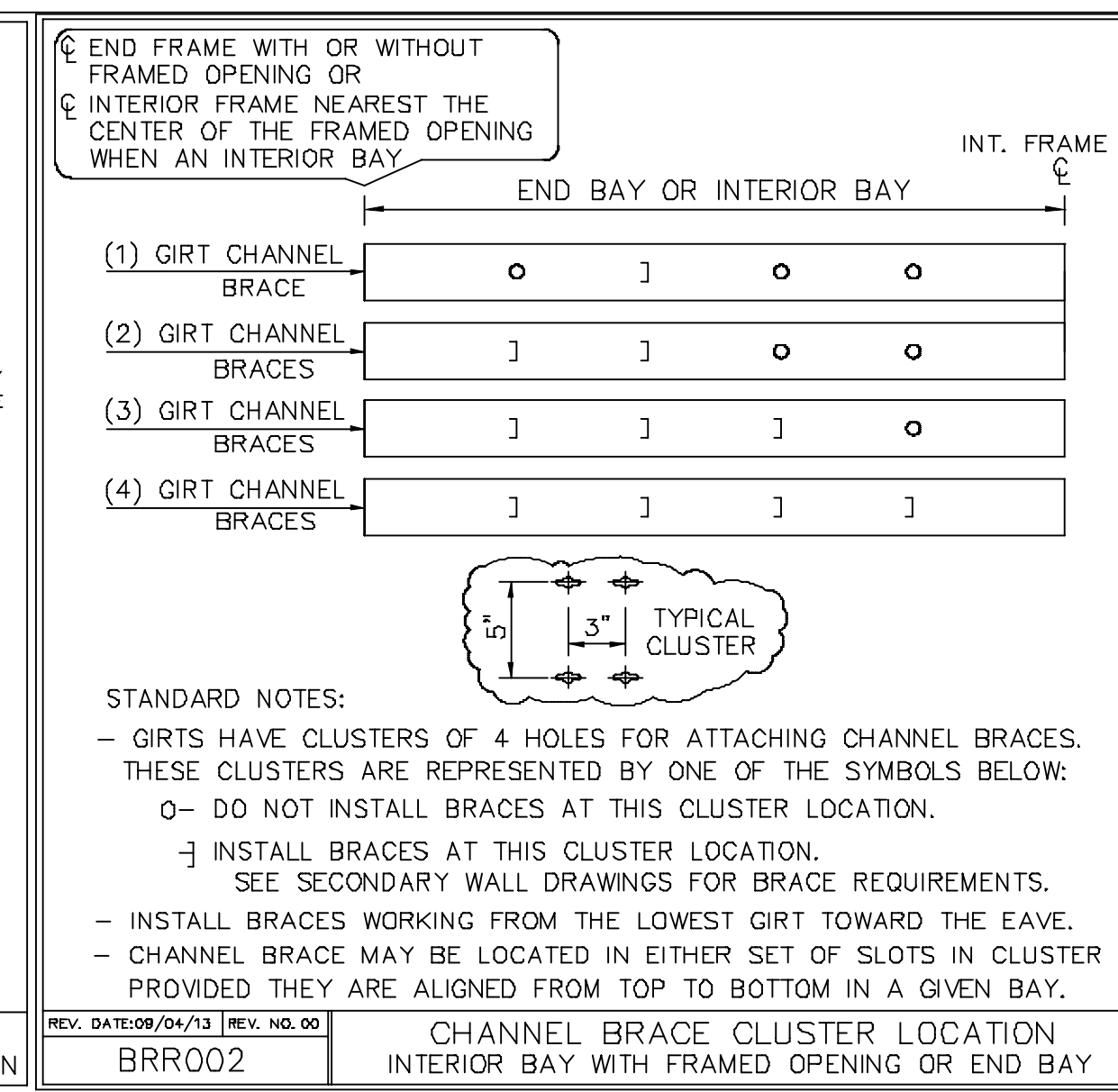
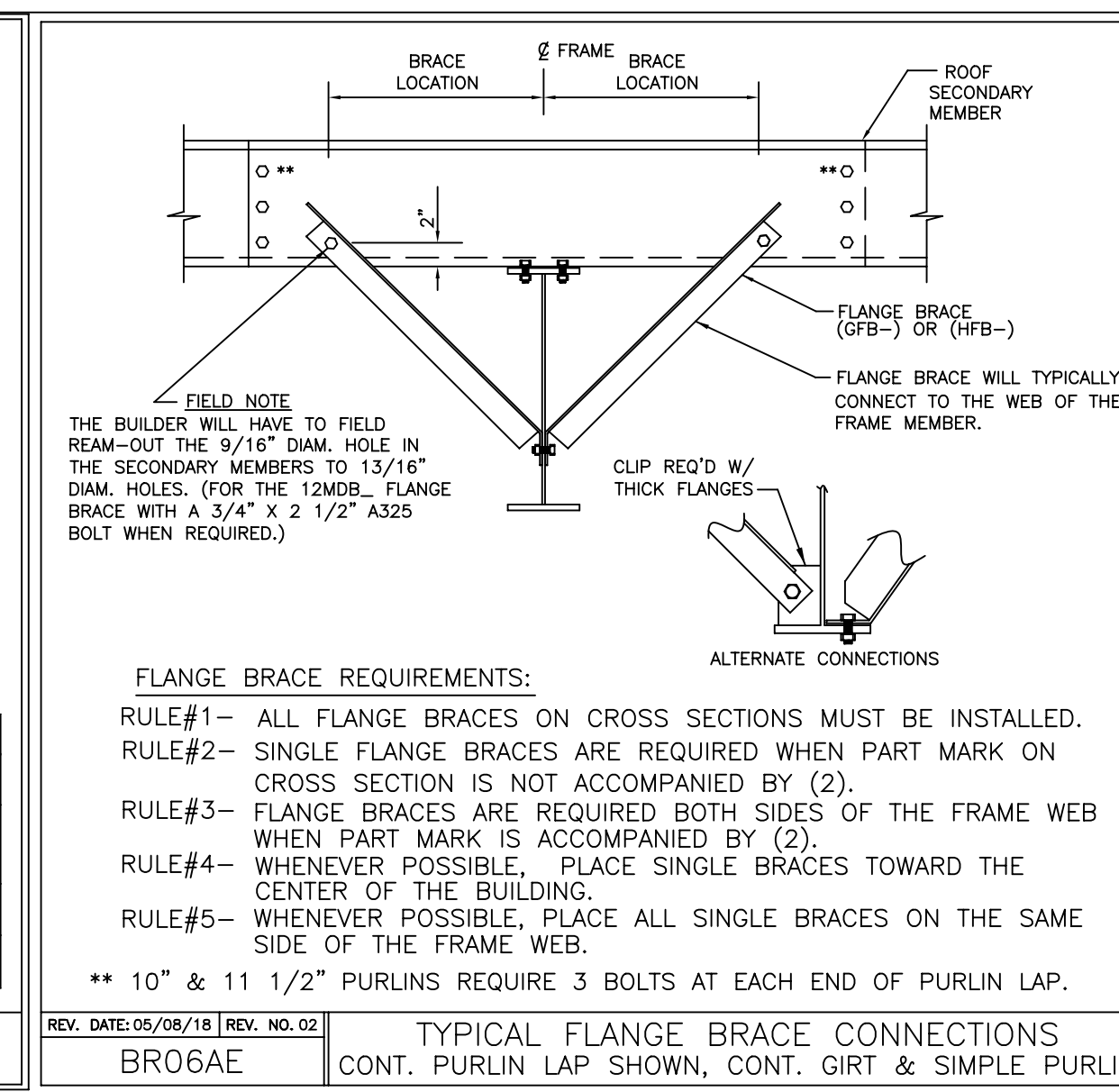
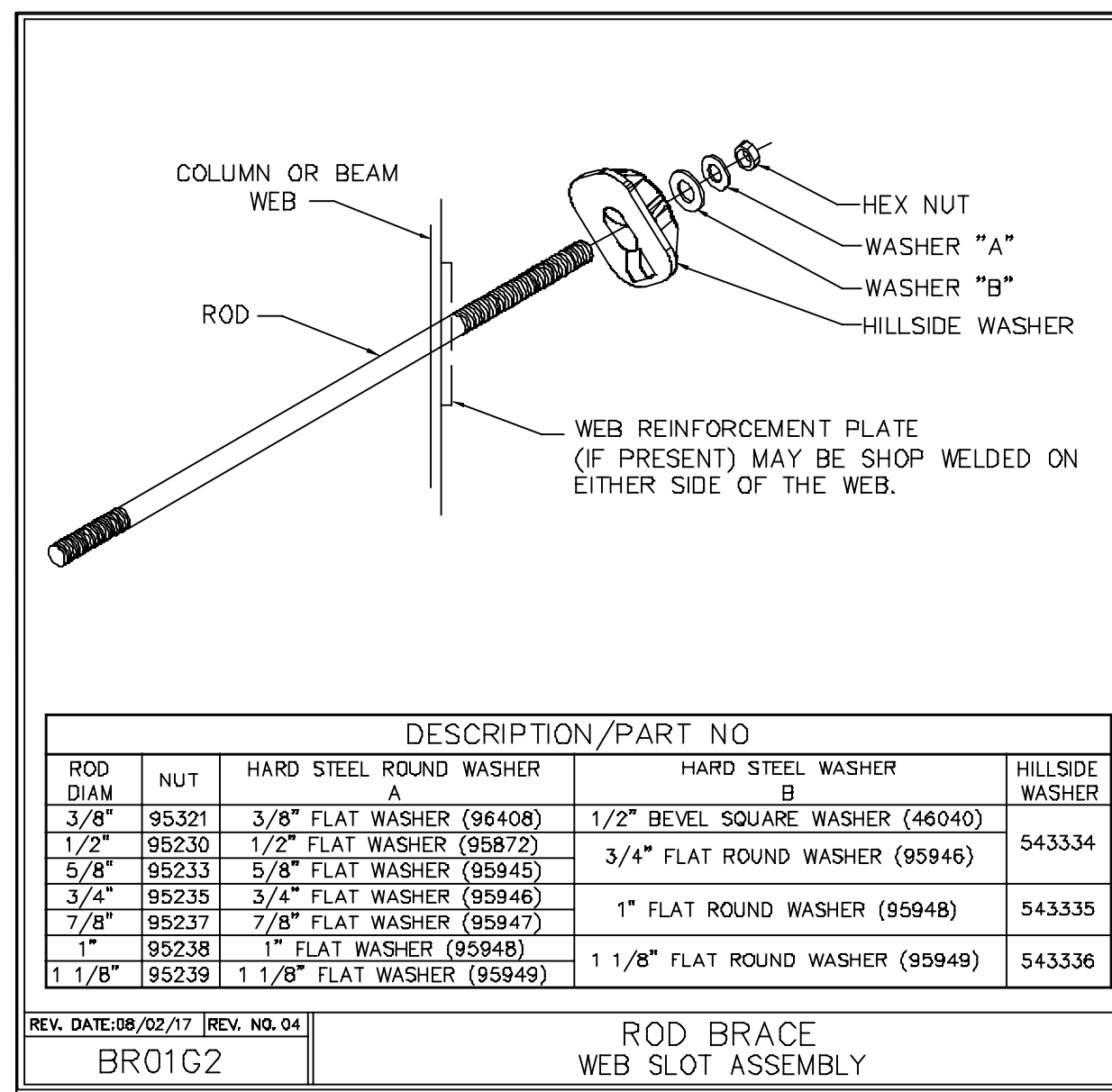
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D	BUTLER MANUFACTURING 1540 GENESSEE ST. KANSAS CITY, MO 64102		
	REV:	DATE:	DESCRIPTION:
DRAWING SCALE: NTS			

SECONDARY ELEVATION AT F		
BUILDER: C & M SALES, INC.	CUSTOMER: WEDCO 2023	JOB #: 27
LOCATION: Lake Ariel, Pennsylvania	PROJECT: WEDCO 2023	DATE: 7/5/2023
BUILDER'S PO#: 2023.2		DRAWN/CHECK: /
		PAGE: 27



FOR BUILDING DEPT APPROVAL ONLY



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D BUTLER MANUFACTURING
1540 GENESSEE ST. KANSAS CITY, MO 64102

REV.	DATE:	BY:	DESCRIPTION:

DRAWING SCALE: NTS

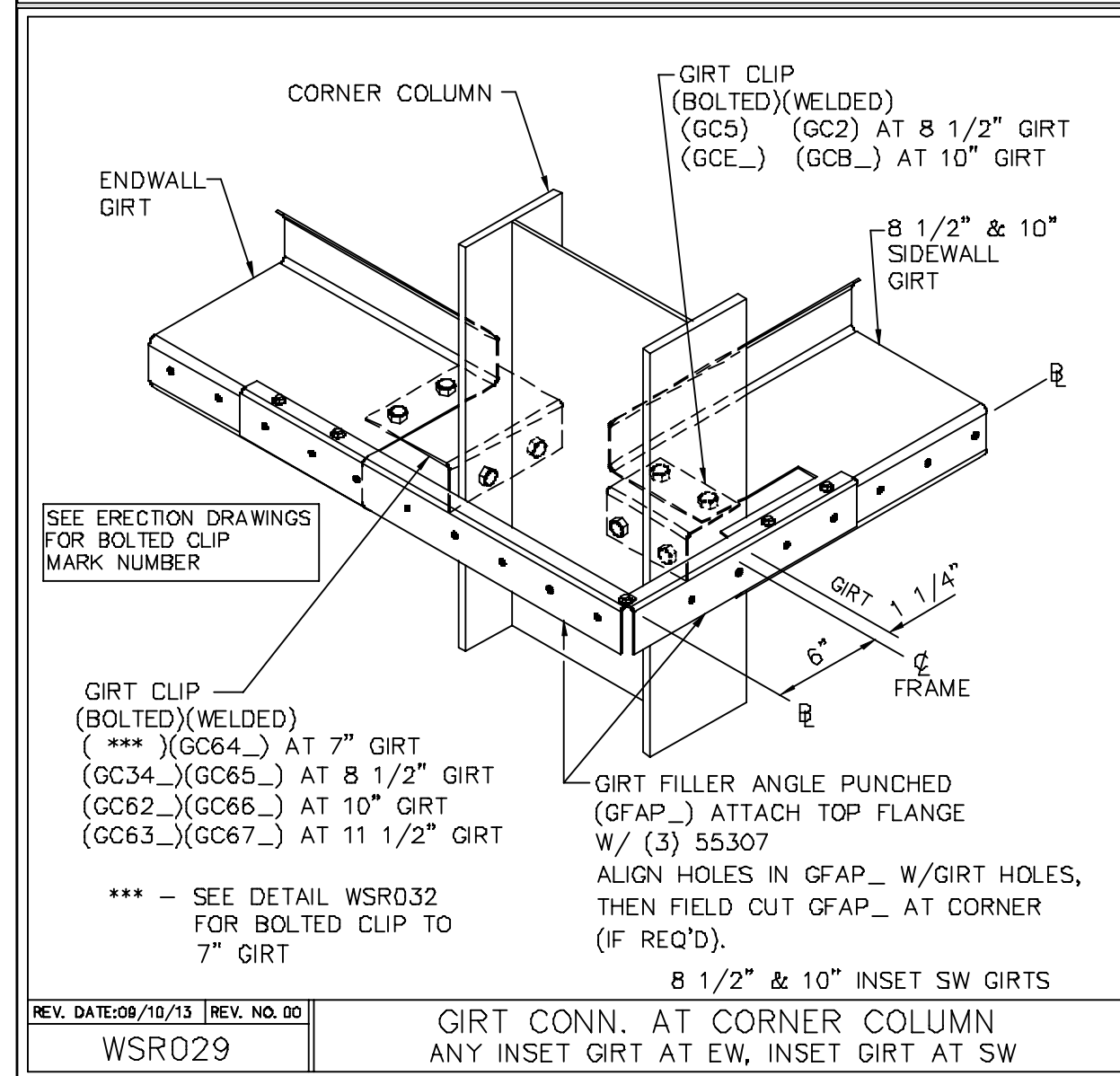
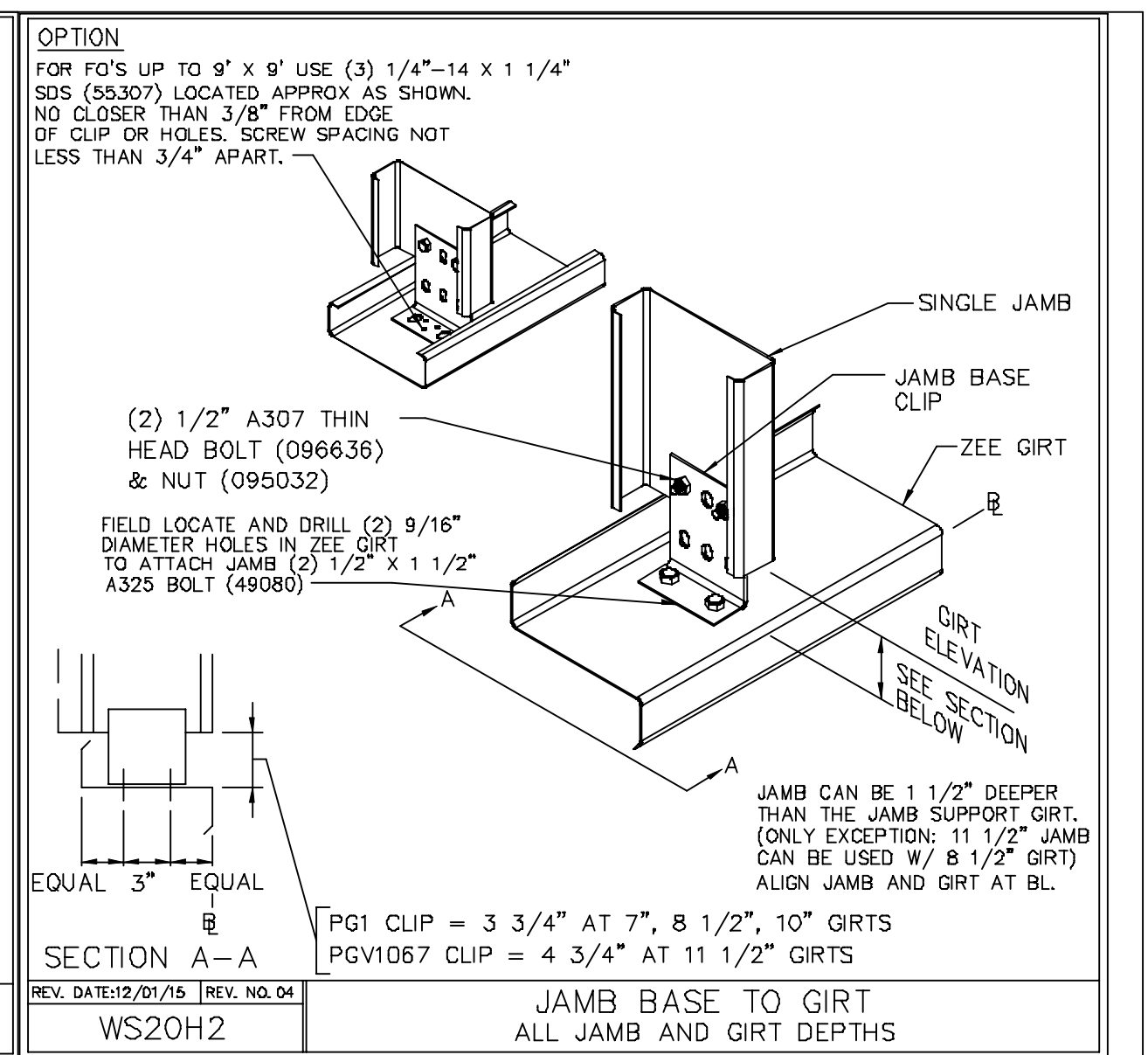
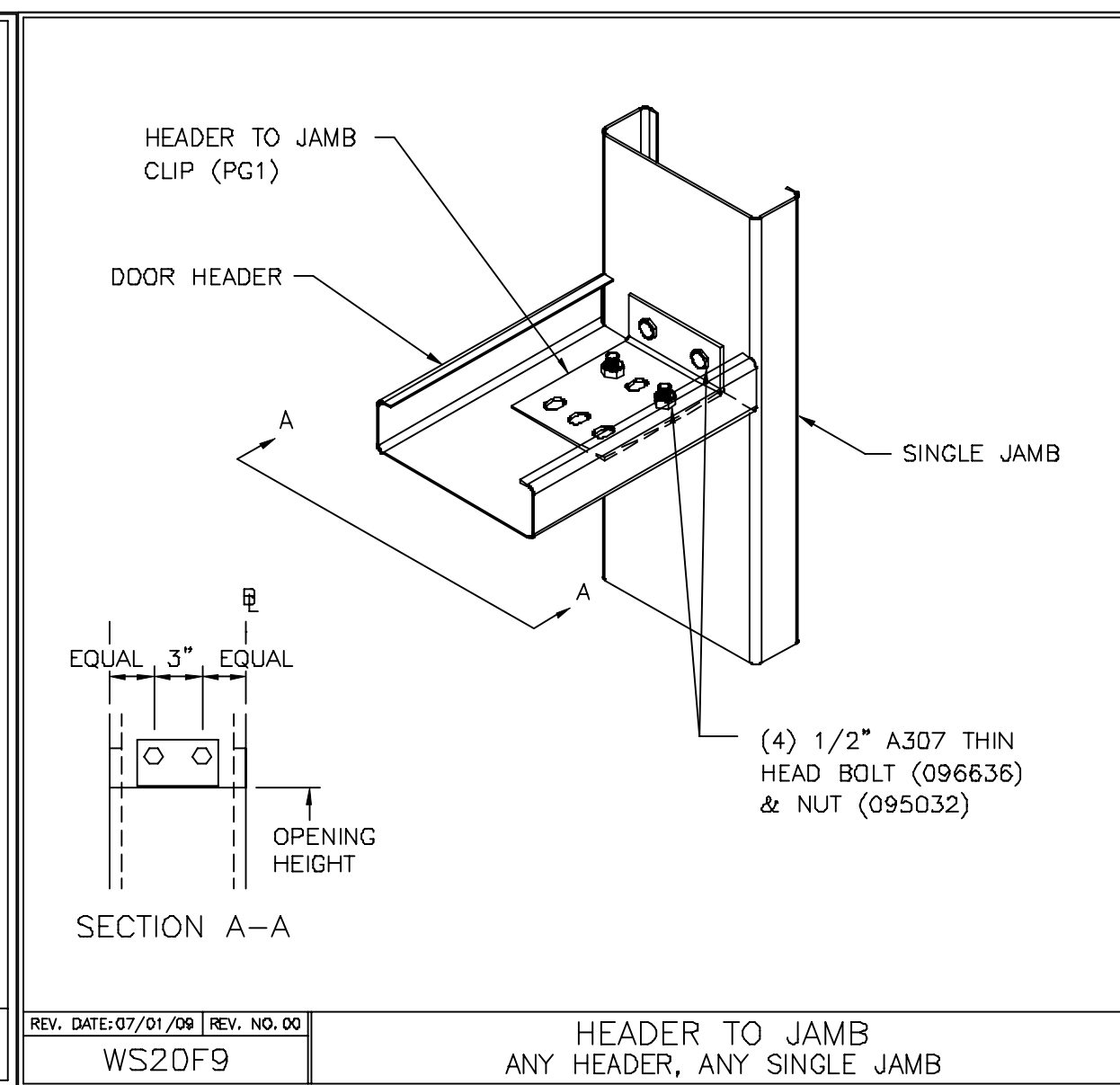
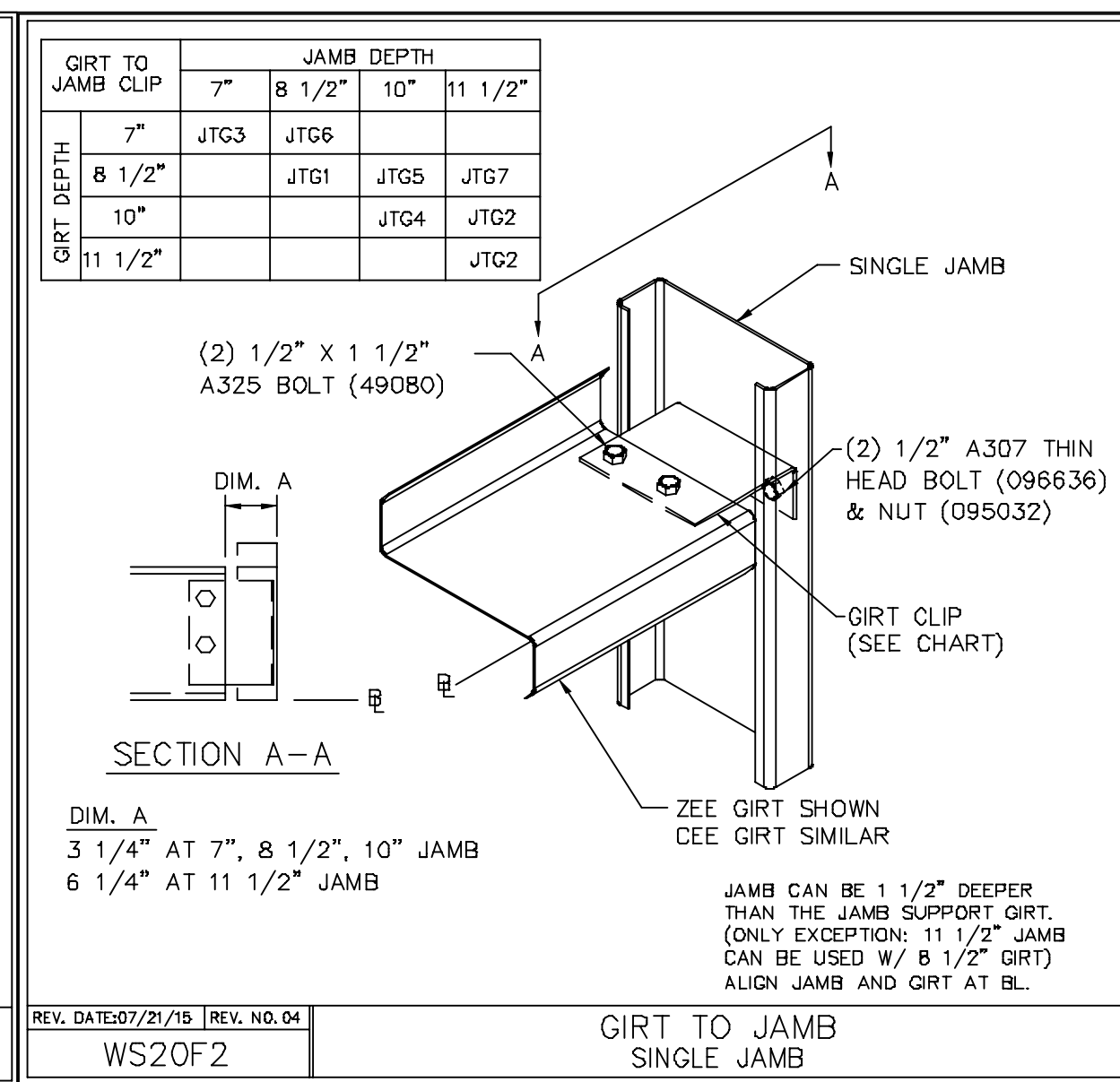
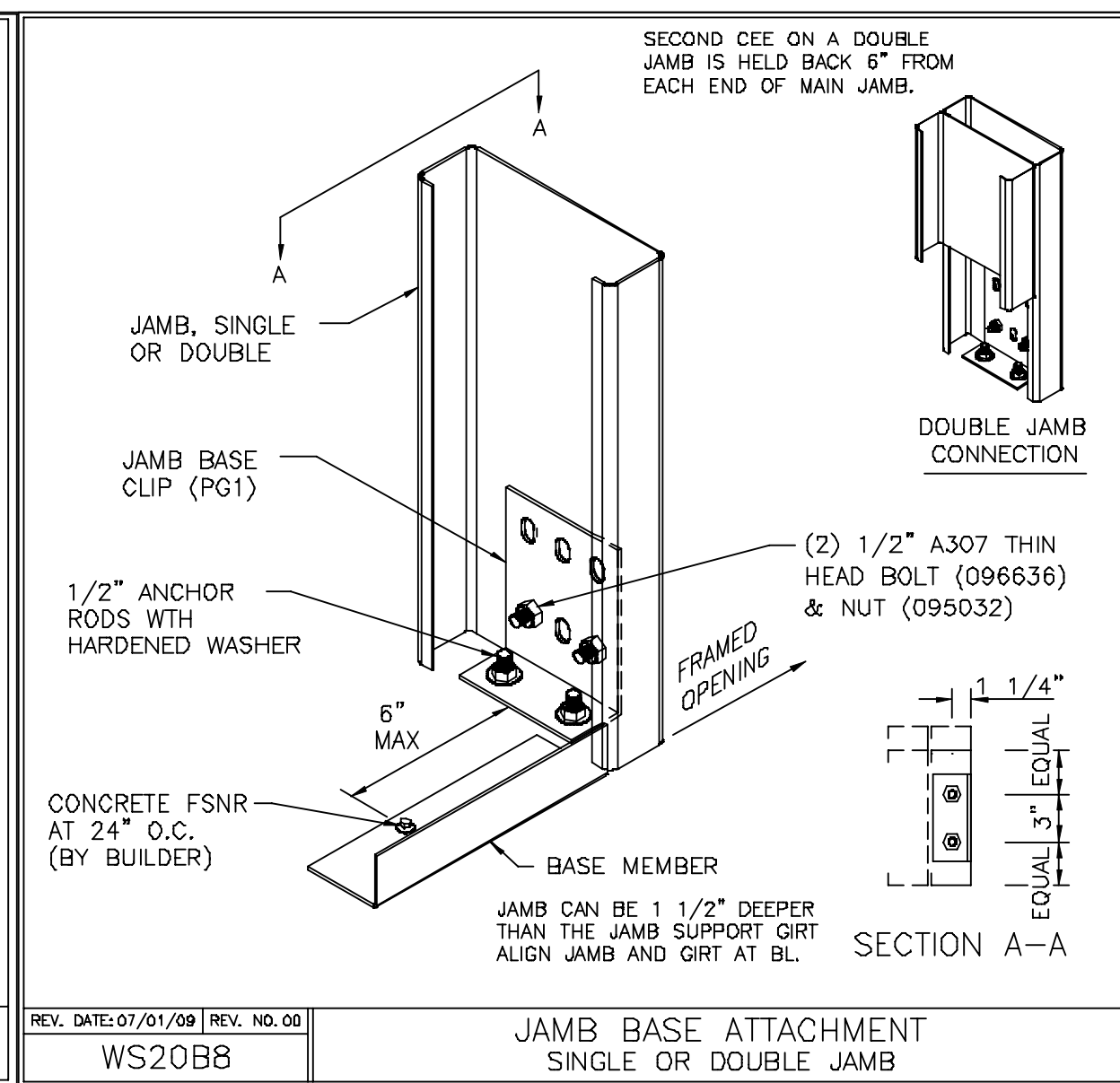
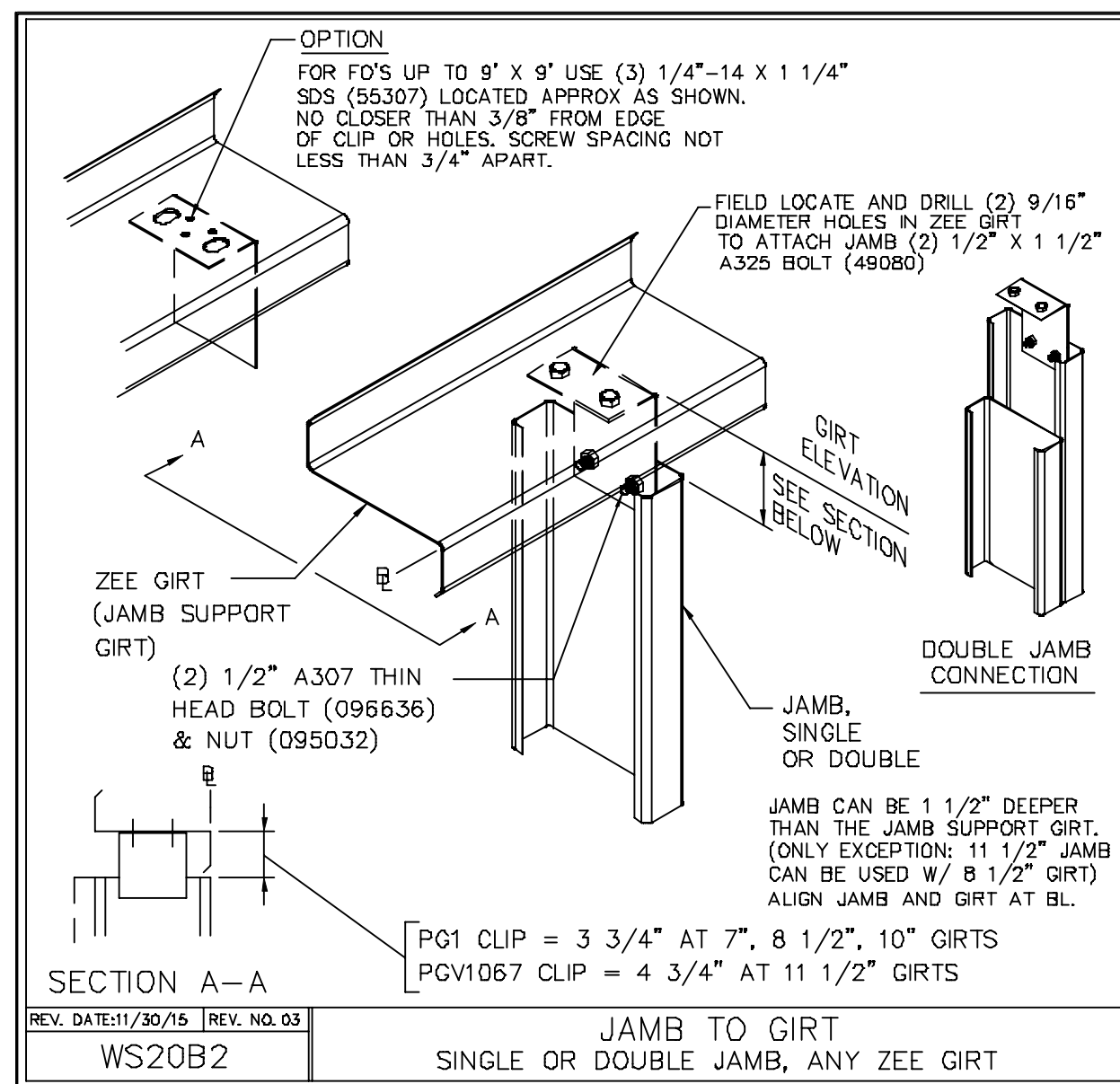
WALL SECONDARY SED'S (a)

BUILDER: C & M SALES, INC.	JOB #:
CUSTOMER:	DATE: 7/5/2023
LOCATION: Lake Ariel, Pennsylvania	DRAWN/CHECK: /
PROJECT: WEDCO 2023	PAGE: 28
BUILDER'S PO#:	

Butler Manufacturing
VPC VERSION: 2023.2



FOR BUILDING DEPT APPROVAL ONLY



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.

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D	BUTLER MANUFACTURING		1540 GENESSEE ST. KANSAS CITY, MO 64102	
	REV:	DATE:	BY:	DESCRIPTION:
DRAWING SCALE: NTS				

FOR BUILDING DEPT APPROVAL ONLY

WALL SECONDARY SED'S (b)

BUILDER: C & M SALES, INC.

CUSTOMER:

LOCATION: Lake Ariel, Pennsylvania

PROJECT: WEDCO 2023

BUILDER'S PO#:

JOB #:

DATE: 7/5/2023

DRAWN/CHECK: /

PAGE: 29

BUTLER

Butler Manufacturing

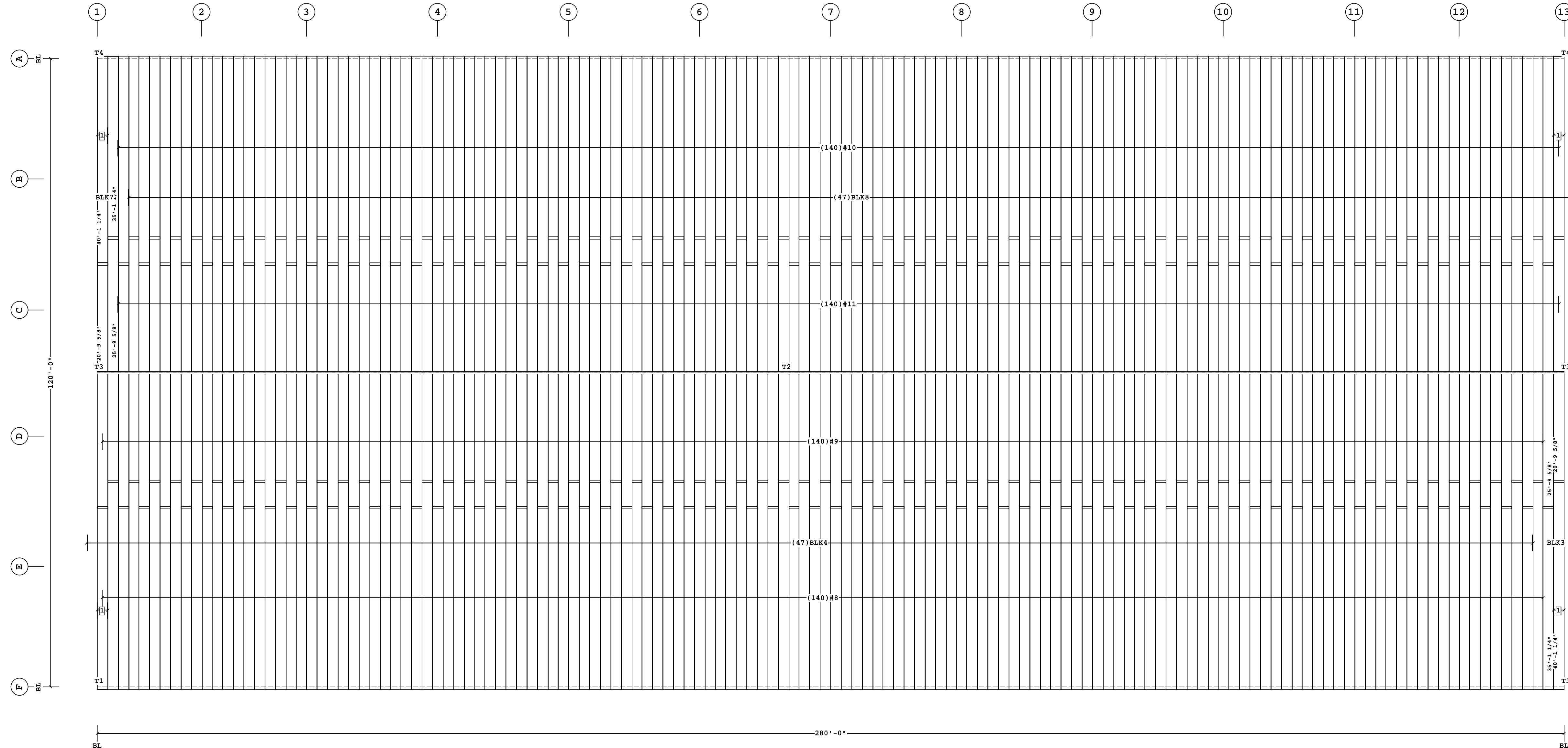
VPC VERSION: 2023.2

a division of BlueScope Buildings North America, Inc.



Covering Schedule										Trim Schedule				Insulation Schedule (Install in same direction as Covering)				Planograph Schedule						
Id	Qty	Start Length	Qty	Stagger	Length	Type	Gage	OP	Fin.	Color	Direction	Id	Parts	Color	Details	Id	Qty	Type	Start Run	Last Run	Thick.	Facing	Id	Details
#8	70	40'-1 1/4"	70	35'-1 1/4"	MR24	24	13	Z	AZ	Right to Left	T1	0630043	Match Wall Color		BLK1	1	IU	63'-6"			3.50	UF	T1	P-080572,P-081236,P-103223,P-104542,P-104714
#9	70	20'-9 5/8"	70	25'-9 5/8"	MR24	24	11	Z	AZ	Right to Left	T2	(28)IRT10B,(14)RC20	Plain AlZn	ENB004,NV667	BLK2	47	IU	63'-6"	63'-6"		3.50	UF	T2	P-080573,P-080575,P-080578,P-080949,P-ZRSLO
#10	70	40'-1 1/4"	70	35'-1 1/4"	MR24	24	13	Z	AZ	Right to Left	T3	0560173,MRRET,RBT2,TC1,(0.5)WA10C	Match Wall Color		BLK3	1	IC	63'-6"			6.00	AV	T3	P-081243,P-081722,P-GAI
#11	70	20'-9 5/8"	70	25'-9 5/8"	MR24	24	11	Z	AZ	Right to Left	T4	0630043	Match Wall Color		BLK4	47	IC	63'-6"	63'-6"		6.00	AV	T4	P-080572,P-081236,P-103223,P-104542,P-104714

Oper. Code:13=SQ,NT
Oper. Code:11=SQ,SQ
Finish:Z=AlZn
Color:AZ=Plain AlZn



ROOF COVERING PLAN

Accessory Schedule		
Qty	Color	Description
4	Bronze	3070 Door - Standard
4	Cool Shell Gray	eShadowall 3070 Walk Door Trim



FOR BUILDING DEPT APPROVAL ONLY

<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 BUTLER MFG. ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF BUTLER MFG. AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER. THE BUTLER MFG. ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY BUTLER EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER.</p>	<p>THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF BUTLER MFG. 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 BUTLER MFG.</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 BUTLER MFG. ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.</p>	<p>D</p> <p>BUTLER MANUFACTURING 1540 GENESSEE ST. KANSAS CITY, MO 64102</p>	<p>ROOF COVERING PLAN</p>		<p>BUILDER: C & M SALES, INC.</p> <p>CUSTOMER:</p> <p>LOCATION: Lake Ariel, Pennsylvania</p> <p>PROJECT: WEDCO 2023</p> <p>BUILDER'S PO#:</p>	<p>JOB #:</p> <p>DATE: 7/5/2023</p> <p>DRAWN/CHECK: /</p> <p>PAGE: 30</p>					
				REV:	DATE:			BY:	DESCRIPTION:			
				DRAWING SCALE: NTS				Butler Manufacturing		VPC VERSION: 2023.2		
								a division of BlueScope Buildings North America, Inc.				

Covering Schedule

Id	Qty	Type	Start Length	Gage	OP	Fin.	Color	Increment	Direction
#1	20	SHP	28'-0 1/4"	26	1	K	SY	3"	Left to Right
#2	20	SHP	32'-9 1/4"	26	1	K	SY	-3"	Left to Right

Oper. Code:1=SQ,SQ
Finish:K=Butler-Cote
Color:SY=Cool Shell Gray

Trim Schedule

Id	Parts
T1	(4.8)BA225,(10)SA212,(10)BT12B
T2	(4.5)0620163,(3)ICT12,(3)SHCTB12
T3	(3)MRGT20R,(5.5)SHCL12,(6)WA10C
T4	(3)MRGT20L,(5.5)SHCL12,(6)WA10C

Color	Details
Cool Shell Gray	ENB006,GV442,GV677,NV664,NV688,WSR065
Cool Shell Gray	NV679,NV689
Cool Gray Stone	KV977,KV978,MV822,MV831,NV691,PV167
Cool Gray Stone	KV977,KV978,MV822,MV831,NV691,PV167

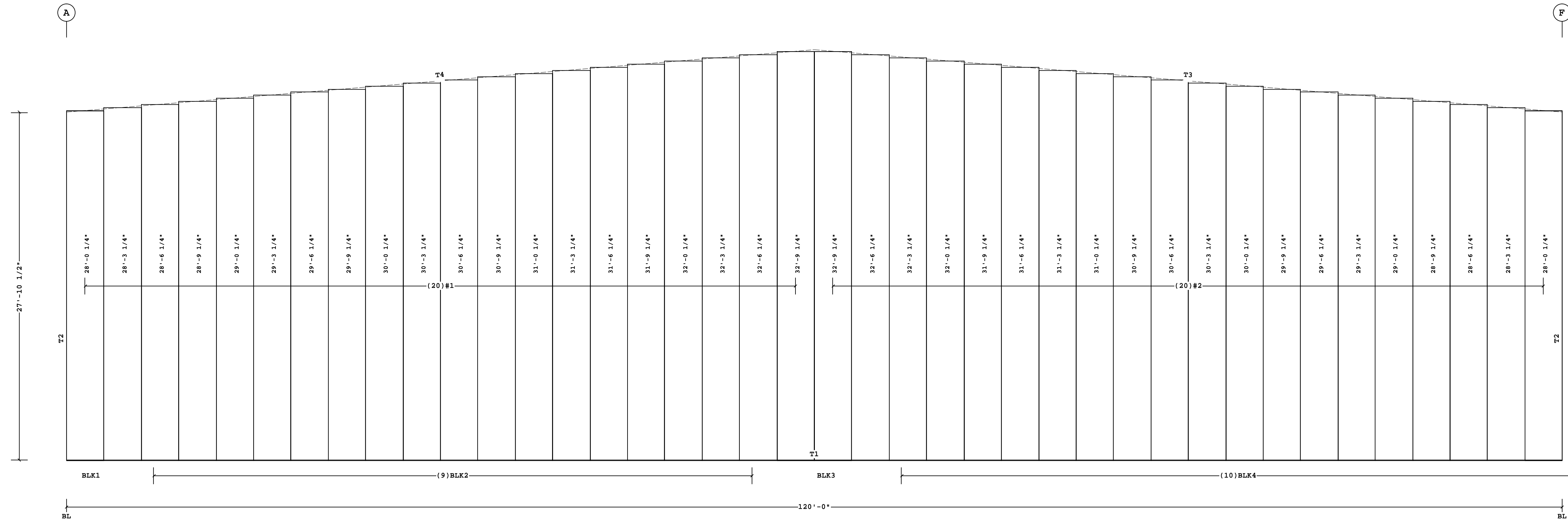
Planograph Schedule

Id	Details
T1	P-081730,P-081733,P-090029
T2	P-081713,P-081733
T3	P-081722,P-081728,P-081730,P-GAI
T4	P-081722,P-081728,P-081730,P-GAI

Insulation Schedule (Install in same direction as Covering)

Id	Qty	Type	Start Run	Last Run	Thick.	Facing	Increment
BLK1	1	IC	29'-6"		8.00	WM	
BLK2	9	IC	30'-0"	34'-0"	8.00	WM	6"
BLK3	1	IC	34'-0"		8.00	WM	
BLK4	10	IC	34'-0"	29'-6"	8.00	WM	6"

Starter Width= 4'-0", Interm. Width= 6'-0", End Width= 6'-0"
Location =Outside Secondary Structural
Direction =Across Secondary Structural
Type:IC=Fiberglass Blanket
Facing:WM=WMP-50
Shape Name = 120 X 280 X 28, Wall = 1



COVERING ELEVATION AT 1

Fastener Schedule

Part	Description
0097604-112	Scrubolt 11/32 x 3 1/2", T-45 Torx Hd w/Washer
0097364-112	(T-1) 1/4-14 x 3/4", T-30 Torx Hd w/Washer



FOR BUILDING DEPT APPROVAL ONLY

<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 BUTLER MFG. ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF BUTLER MFG. AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER. THE BUTLER MFG. ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY BUTLER EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER.</p>	<p>THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF BUTLER MFG. 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 BUTLER MFG.</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 BUTLER MFG. ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.</p>	<p>D</p> <p>BUTLER MANUFACTURING 1540 GENESSEE ST. KANSAS CITY, MO 64102</p>	COVERING ELEVATION AT 1					
				REV:	DATE:	BY:	DESCRIPTION:	BUILDER: C & M SALES, INC.	JOB #:
								CUSTOMER:	DATE: 7/5/2023
								LOCATION: Lake Ariel, Pennsylvania	DRAWN/CHECK: /
				PROJECT: WEDCO 2023	PAGE: 31				
				BUILDER'S PO#:					
DRAWING SCALE: NTS				Butler Manufacturing VPC VERSION: 2023.2					

Covering Schedule

Id	Qty	Type	Start Length	Gage	OP	Fin.	Color	Direction
#3	82	SHP	28'-0 1/4"	26	1	K	SY	Left to Right
#4	12	SHP	19'-11 3/8"	26	2	K	SY	Left to Right

Oper. Code:1=SQ,SQ
 Oper. Code:2=SQ,SQ
 Finish:K=Butler-Cote
 Color:SY=Cool Shell Gray

Trim Schedule

Id	Parts
T1	(0.7)BCS12,DSF12D
T2	DGS12E,(0.7)SA112
T3	(1.6)BA225,(3.4)SA212,(3.5)BT12B
T4	(0.2)BA225,(0.3)SA212,(0.5)BT12B
T5	(0.1)BA225,(0.2)SA212,(0.5)BT12B
T6	(7.2)BA225,(15)SA212,(15)BT12B
T7	CTB3L,CTB3R
T8	(4.5)0620163,(3)ICT12,(3)SHCTB12
T9	(24)CLE12C,(11.5)GTR25,(23.5)SHCL12
T10	0640492,4CE75,(3)CP410

Color	Details
Cool Shell Gray	NV684,WCB026
Cool Shell Gray	NV683
Cool Shell Gray	ENB006,GV442,GV677,NV664,NV688,WSR065
Cool Shell Gray	ENB006,GV442,GV677,NV664,NV688,WSR065
Cool Shell Gray	ENB006,GV442,GV677,NV664,NV688,WSR065
Cool Shell Gray	ENB006,GV442,GV677,NV664,NV688,WSR065
Match Wall Color	ENB006,NV664
Cool Shell Gray	NV679,NV689
Cool Gray Stone	MV813,MV821,MV822,NV690,NV694
Cool Shell Gray	KV851

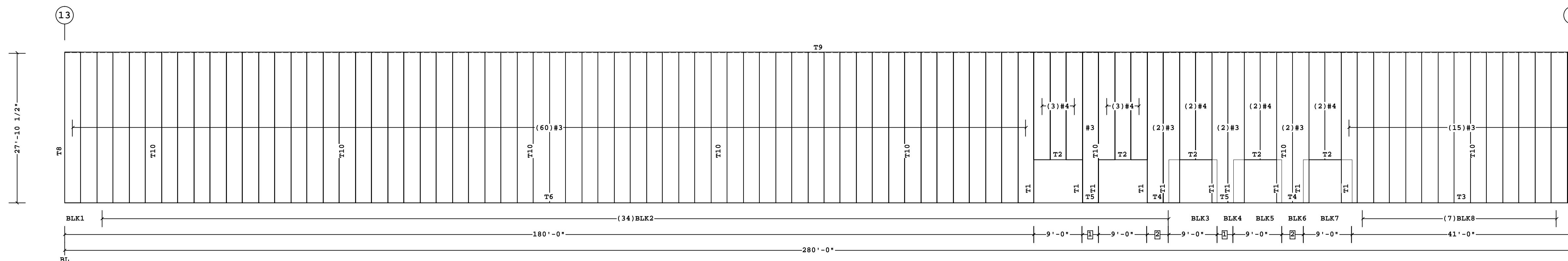
Planograph Schedule

Id	Details
T1	P-081714,P-081715
T2	P-081716
T3	P-081730,P-081733,P-090029
T4	P-081730,P-081733,P-090029
T5	P-081730,P-081733,P-090029
T6	P-081730,P-081733,P-090029
T7	P-081733,P-090029
T8	P-081713,P-081733
T9	P-103223,P-103315,P-104714
T10	P-105224,P-105225,P-105228

Insulation Schedule (Install in same direction as Covering)

Id	Qty	Type	Start Run	Last Run	Thick.	Facing	Increment
BLK1	1	IC	29'-0"		8.00	WM	
BLK2	34	IC	29'-0"	29'-0"	8.00	WM	
BLK3	1	IC	21'-0"		8.00	WM	
BLK4	1	IC	29'-0"		8.00	WM	
BLK5	1	IC	21'-0"		8.00	WM	
BLK6	1	IC	29'-0"		8.00	WM	
BLK7	1	IC	21'-0"		8.00	WM	
BLK8	7	IC	29'-0"	29'-0"	8.00	WM	

Starter Width= 4'-0", Interm. Width= 6'-0", End Width= 6'-0"
 Location =Outside Secondary Structural
 Direction =Across Secondary Structural
 Type:IC=Fiberglass Blanket
 Facing:WM=WMP-50
 Shape Name = 120 X 280 X 28, Wall = 2

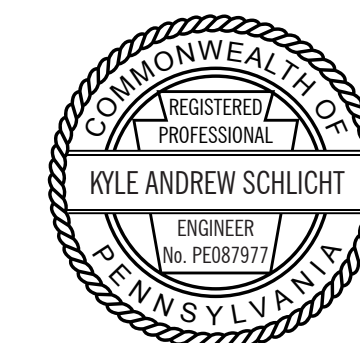


COVERING ELEVATION AT A

- 2 4'-0"
- 1 3'-0"
- Dimension Key

Fastener Schedule

Part	Description
0097604-112	Scrubolt 11/32 x 3 1/2", T-45 Torx Hd w/Washer
0097364-112	(T-1) 1/4-14 x 3/4", T-30 Torx Hd w/Washer



07/18/2023

FOR BUILDING DEPT APPROVAL ONLY

<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 BUTLER MFG. ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF BUTLER MFG. AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER. THE BUTLER MFG. ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY BUTLER EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER.</p>	<p>THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF BUTLER MFG. 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 BUTLER MFG.</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 BUTLER MFG. ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.</p>	<p>D</p> <p>BUTLER MANUFACTURING 1540 GENESSEE ST. KANSAS CITY, MO 64102</p>	<p>COVERING ELEVATION AT A</p>		
				<p>REV: _____ DATE: _____ BY: _____ DESCRIPTION: _____</p>	<p>BUILDER: C & M SALES, INC.</p>	<p>JOB #:</p>
				<p>DRAWING SCALE: NTS</p>	<p>CUSTOMER:</p>	<p>DATE: 7/5/2023</p>
				<p>PROJECT: WEDCO 2023</p>	<p>LOCATION: Lake Ariel, Pennsylvania</p>	<p>DRAWN/CHECK: /</p>
<p>BUILDER'S PO#:</p>	<p>Butler Manufacturing VPC VERSION: 2023.2</p>	<p>PAGE: 32</p>				

Covering Schedule									
Id	Qty	Type	Start Length	Gage	OP	Fin.	Color	Increment	Direction
#5	20	SHP	28'-0 1/4"	26	1	K	SY	3"	Left to Right
#6	20	SHP	32'-9 1/4"	26	1	K	SY	-3"	Left to Right

Oper. Code:1=SQ,SQ
Finish:K=Butler-Cote
Color:SY=Cool Shell Gray

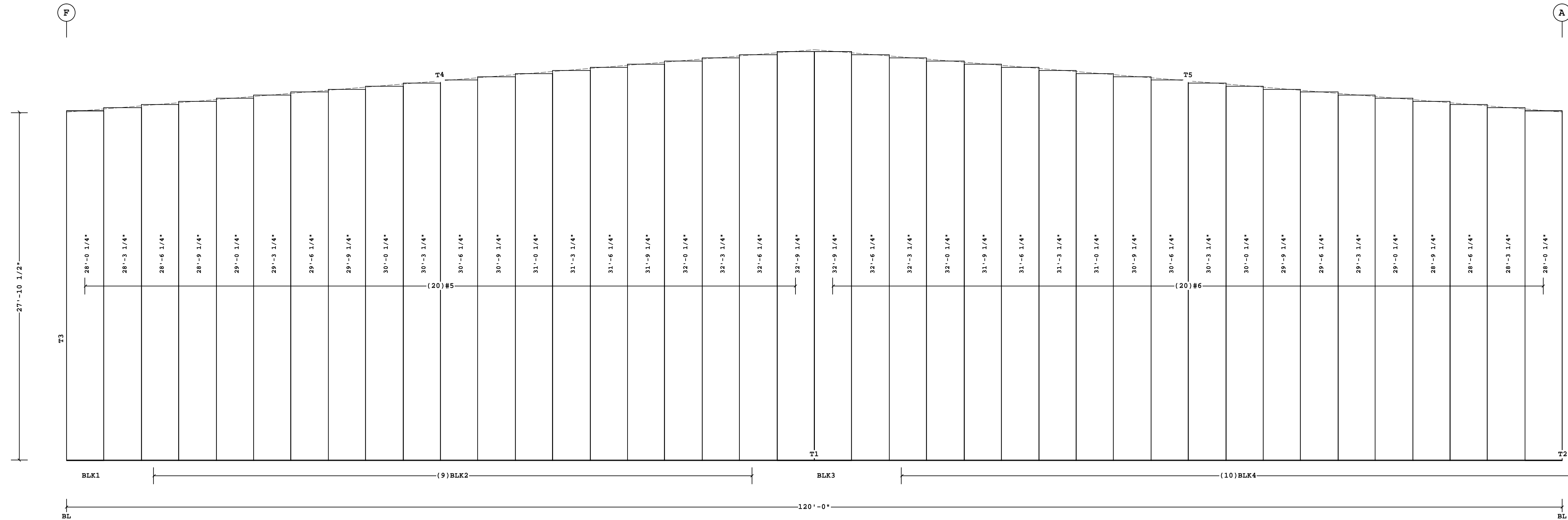
Trim Schedule	
Id	Parts
T1	(4.8)BA225,(10)SA212,(10)BT12B
T2	CTB3L,CTB3R
T3	(4.5)0620163,(3)ICT12,(3)SHCTB12
T4	(3)MRGT20L,(5.5)SHCL12,(6)WA10C
T5	(3)MRGT20R,(5.5)SHCL12,(6)WA10C

Color	Details
Cool Shell Gray	ENB006,GV442,GV677,NV664,NV688,WSR065
Match Wall Color	ENB006,NV664
Cool Shell Gray	NV679,NV689
Cool Gray Stone	KV977,KV978,MV822,MV831,NV691,PV167
Cool Gray Stone	KV977,KV978,MV822,MV831,NV691,PV167

Planograph Schedule	
Id	Details
T1	P-081730,P-081733,P-090029
T2	P-081733,P-090029
T3	P-081713,P-081733
T4	P-081722,P-081728,P-081730,P-GAI
T5	P-081722,P-081728,P-081730,P-GAI

Insulation Schedule (Install in same direction as Covering)							
Id	Qty	Type	Start Run	Last Run	Thick.	Facing	Increment
BLK1	1	IC	29'-6"		8.00	WM	
BLK2	9	IC	30'-0"	34'-0"	8.00	WM	6"
BLK3	1	IC	34'-0"		8.00	WM	
BLK4	10	IC	34'-0"	29'-6"	8.00	WM	6"

Starter Width= 4'-0", Interm. Width= 6'-0", End Width= 6'-0"
Location =Outside Secondary Structural
Direction =Across Secondary Structural
Type:IC=Fiberglass Blanket
Facing:WM=WMP-50
Shape Name = 120 X 280 X 28, Wall = 3



COVERING ELEVATION AT 13

Fastener Schedule	
Part	Description
0097604-112	Scrubolt 11/32 x 3 1/2", T-45 Torx Hd w/Washer
0097364-112	(T-1) 1/4-14 x 3/4", T-30 Torx Hd w/Washer



FOR BUILDING DEPT APPROVAL ONLY

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				REV:	DATE:	BY:	DESCRIPTION:	BUILDER: C & M SALES, INC.	JOB #:
								CUSTOMER:	DATE: 7/5/2023
								LOCATION: Lake Ariel, Pennsylvania	DRAWN/CHECK: /
				PROJECT: WEDCO 2023	PAGE: 33				
				BUILDER'S PO#:					
DRAWING SCALE: NTS				Butler Manufacturing VPC VERSION: 2023.2					

Covering Schedule
 Id Qty Type Start Length Gage OP Fin. Color Direction
 #7 94 SHP 28'-0 1/4" 26 1 K SY Left to Right
 Oper. Code:l=SQ,SQ
 Finish:K=Butler-Cote
 Color:SY=Cool Shell Gray

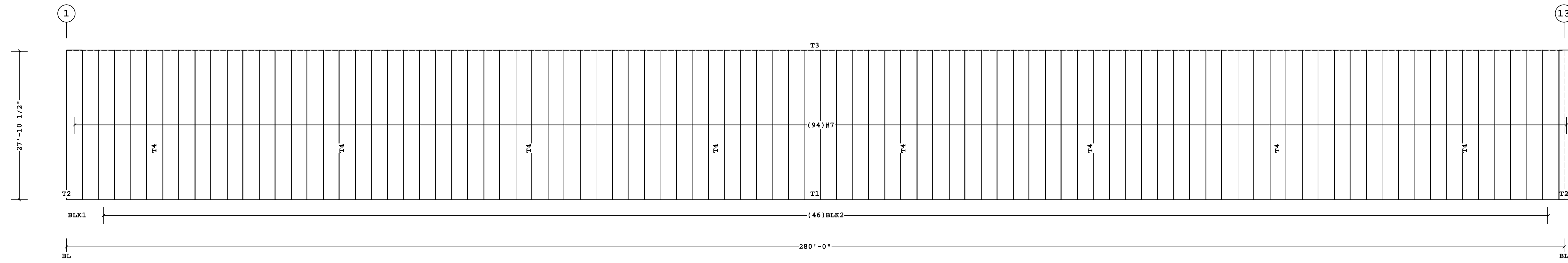
Trim Schedule
 Id Parts
 T1 (11.2)BA225,(23.3)SA212,(23.5)BT12B
 T2 CTB3L,CTB3R
 T3 (24)CLE12C,(11.5)GTR25,(23.5)SHCL12
 T4 0640492,4CE75,(3)CP410

Color
 Cool Shell Gray
 Match Wall Color
 Cool Gray Stone
 Cool Shell Gray

Details
 ENB006,GV442,GV677,NV664,NV688,WSR065
 ENB006,NV664
 MV813,MV821,MV822,NV690,NV694
 KV851

Planograph Schedule
 Id Details
 T1 P-081730,P-081733,P-090029
 T2 P-081733,P-090029
 T3 P-103223,P-103315,P-104714
 T4 P-105224,P-105225,P-105228

Insulation Schedule (Install in same direction as Covering)
 Id Qty Type Start Run Last Run Thick. Facing Increment
 BLK1 1 IC 29'-0" 29'-0" 8.00 WM
 BLK2 46 IC 29'-0" 29'-0" 8.00 WM
 Starter Width= 4'-0", Interm. Width= 6'-0", End Width= 6'-0"
 Location =Outside Secondary Structural
 Direction =Across Secondary Structural
 Type:IC=Fiberglass Blanket
 Facing:WM=WMP-50
 Shape Name = 120 X 280 X 28, Wall = 4

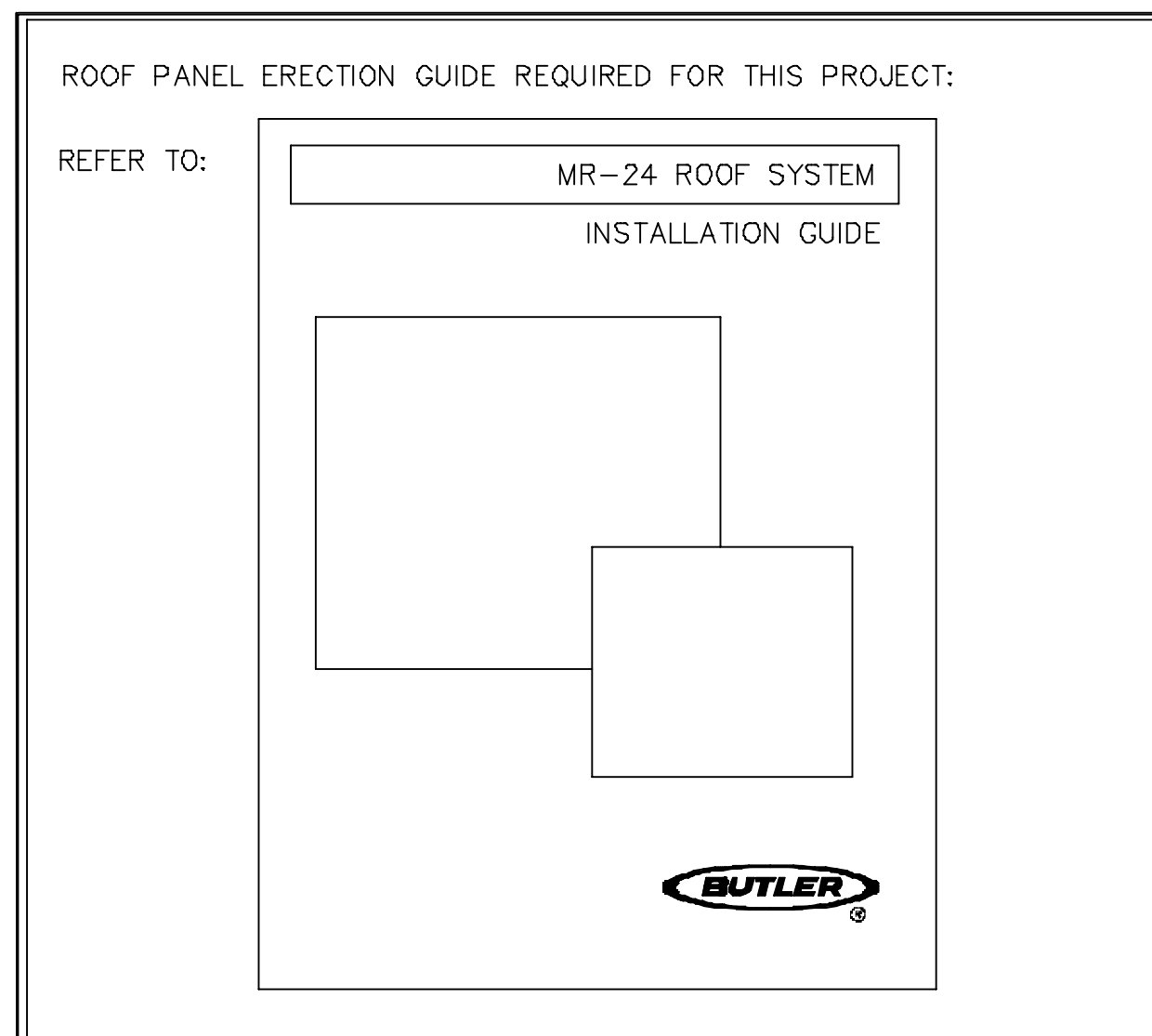


Fastener Schedule
 Part Description
 0097604-112 Scrubolt 11/32 x 3 1/2", T-45 Torx Hd w/Washer
 0097364-112 (T-1) 1/4-14 x 3/4", T-30 Torx Hd w/Washer

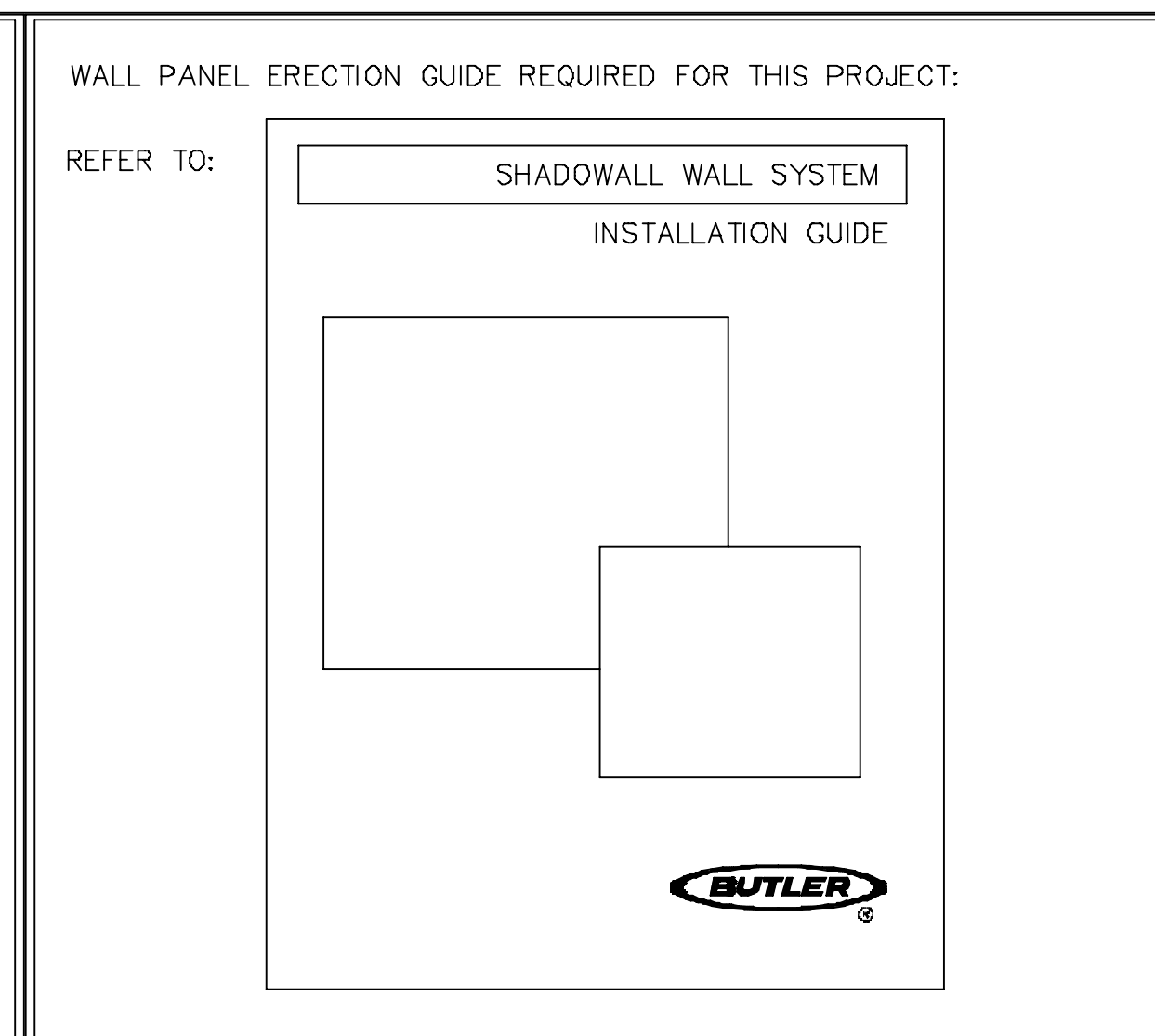


FOR BUILDING DEPT APPROVAL ONLY

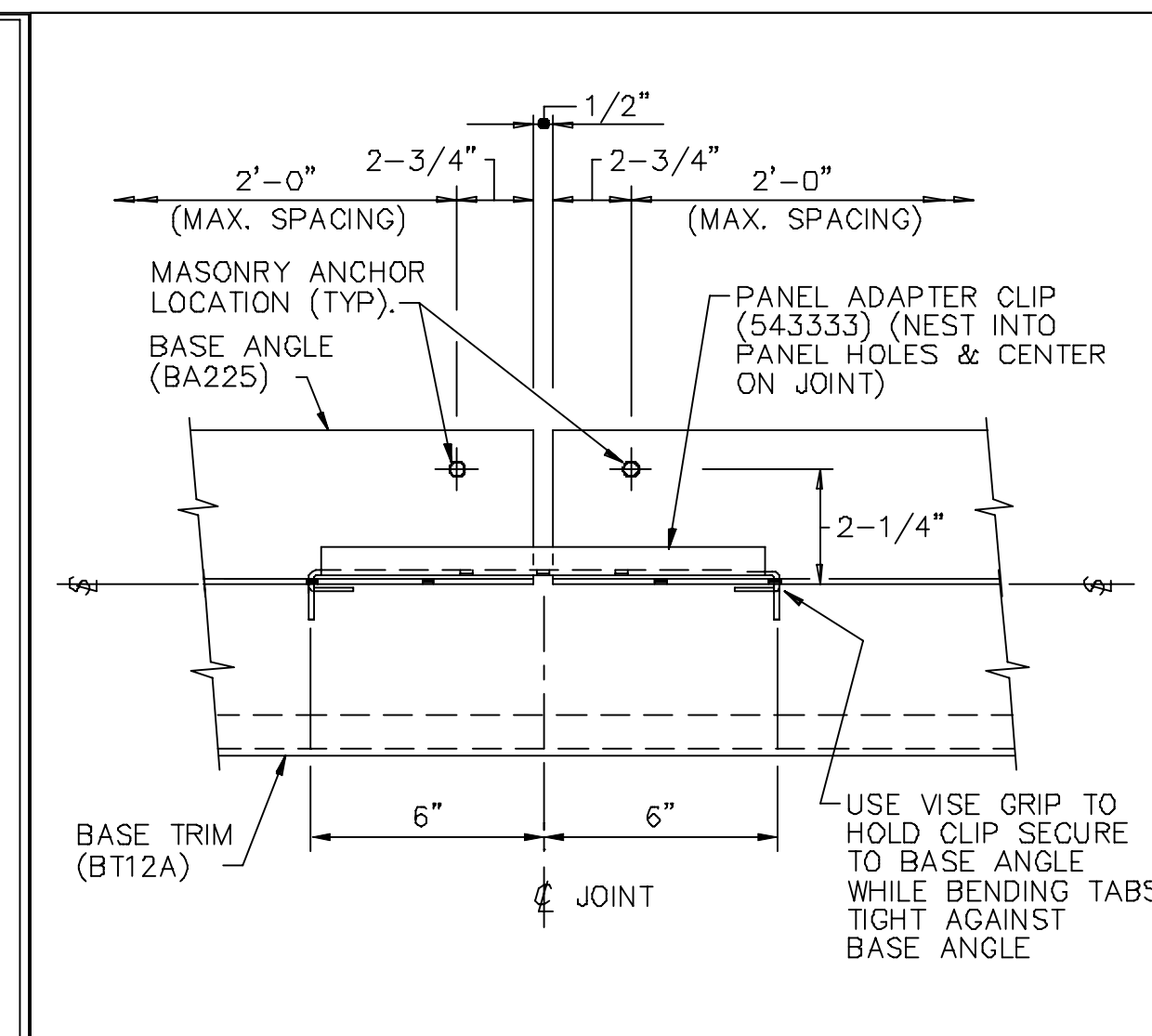
<p>1. PRE-DRILLING 1/8 DIAMETER HOLES FOR STRUCTURAL FASTENERS MAY BE REQUIRED FOR HEAVY GAGE NESTED ZEE'S AND/OR FASTENERS TO STRUCTURAL BEAMS</p> <p>2. STEEL PANELS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM. REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.</p> <p>3. DUE TO MANUFACTURING 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 BUTLER MFG. ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF BUTLER MFG. AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER. THE BUTLER MFG. ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY BUTLER EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER.</p>	<p>THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF BUTLER MFG. 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 BUTLER MFG.</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 BUTLER MFG. ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.</p>	<p>D</p> <p>BUTLER MANUFACTURING 1540 GENESSEE ST. KANSAS CITY, MO 64102</p>	<p>COVERING ELEVATION AT F</p>	
				<p>REV: DATE: BY: DESCRIPTION:</p>	<p>BUILDER: C & M SALES, INC.</p> <p>CUSTOMER:</p> <p>LOCATION: Lake Ariel, Pennsylvania</p> <p>PROJECT: WEDCO 2023</p> <p>BUILDER'S PO#:</p>



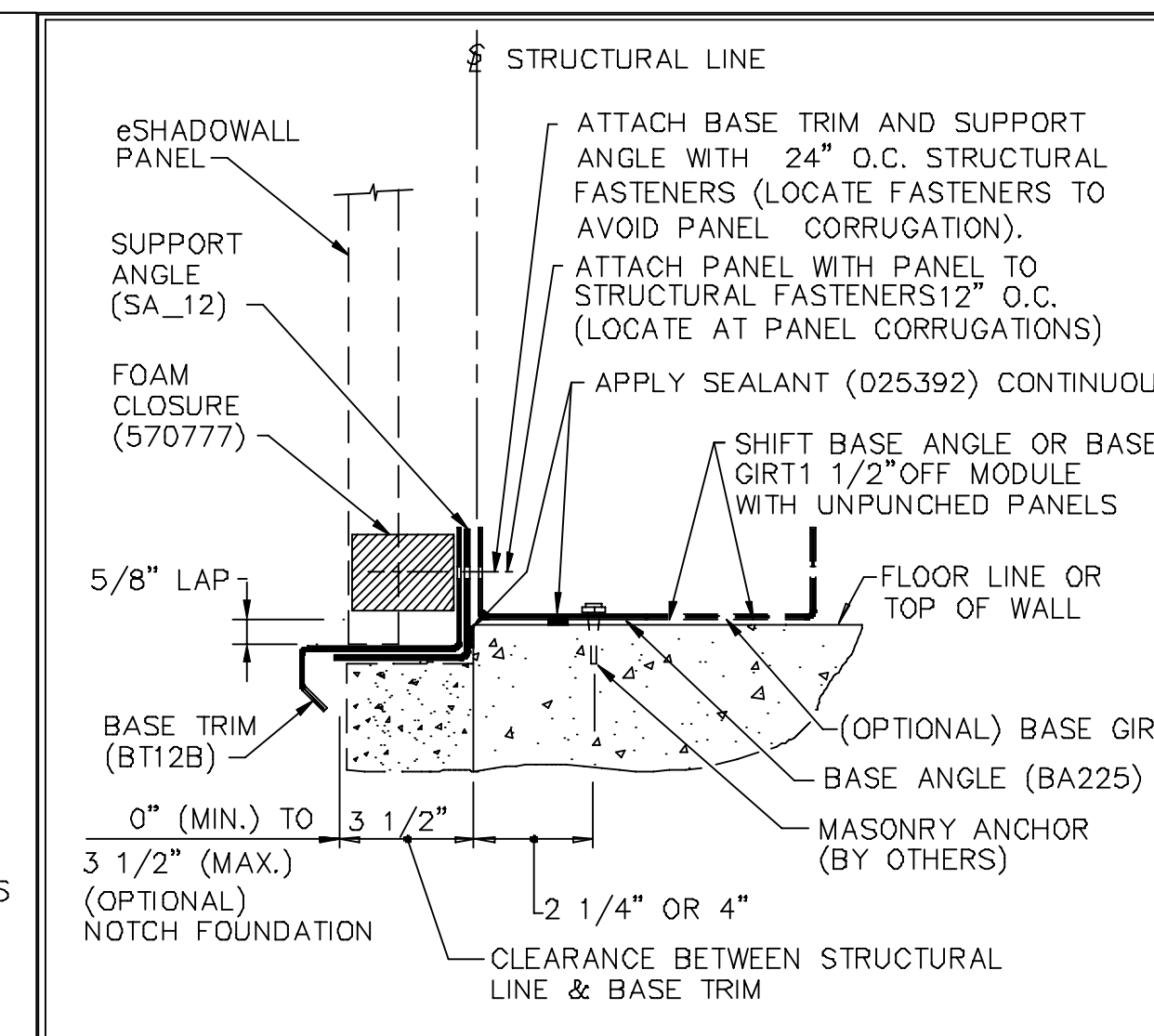
REV. DATE:01/30/14 REV. NO. 00
ENB004 MR-24 ROOF SYSTEM



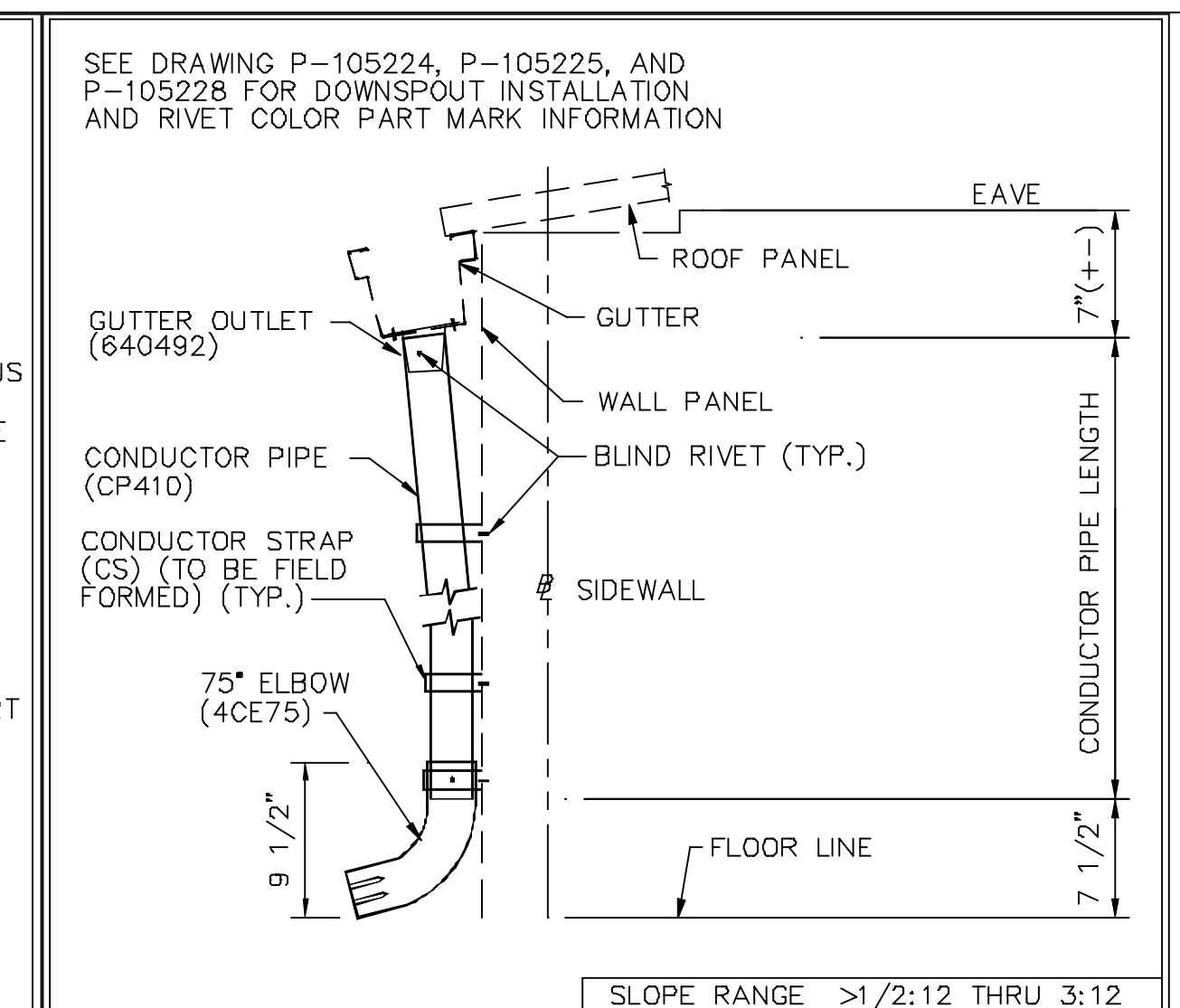
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ENB006 SHADOWALL WALL SYSTEM



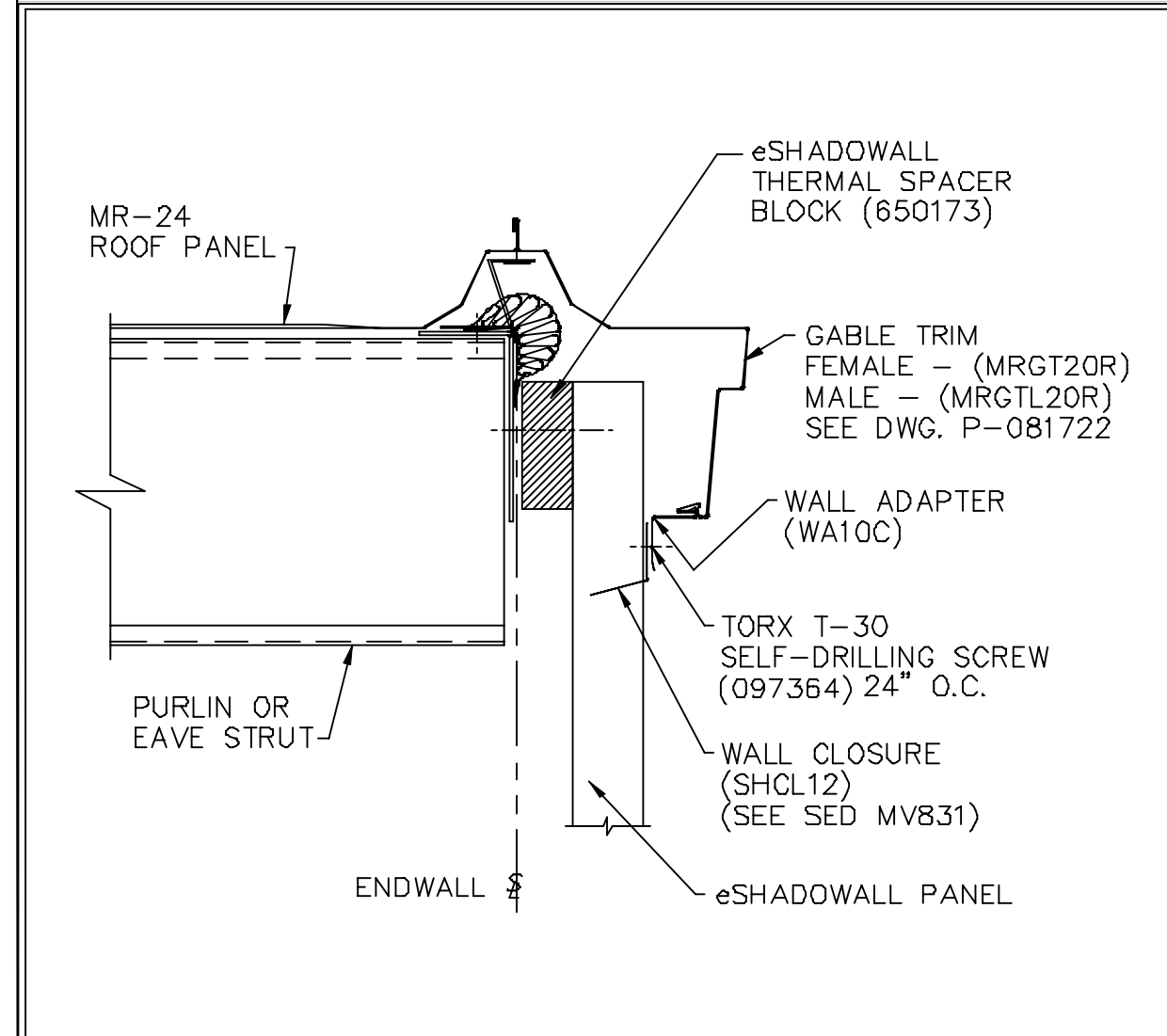
REV. DATE:01/14/10 REV. NO. 00
GV442 BASE ANGLE JOINT DETAIL - AT FLOOR LINE



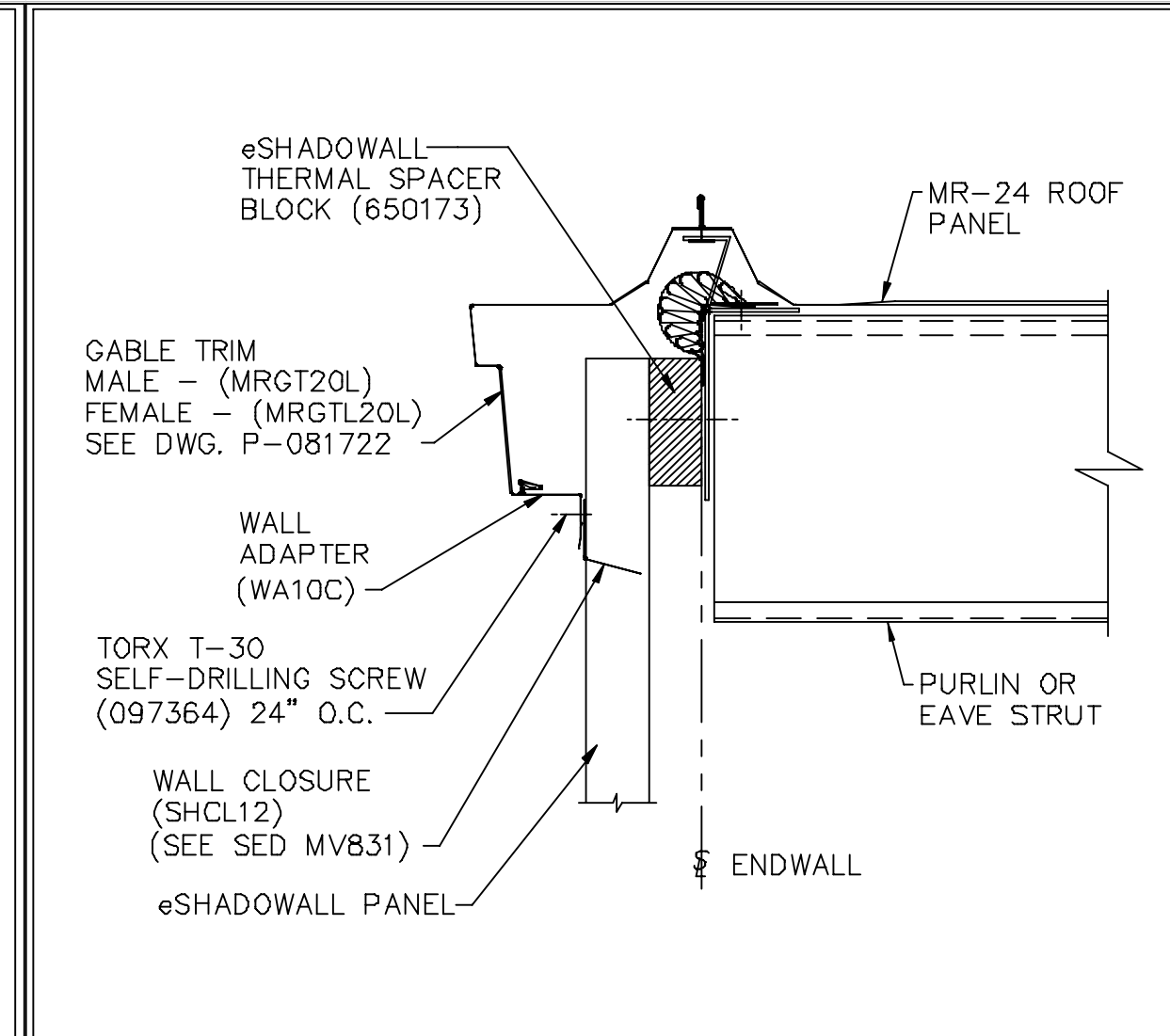
REV. DATE:12/15/15 REV. NO. 03
GV677 eSHADOWALL - STANDARD BASE TRIM LAPPED & NOTCHED FOUNDATION



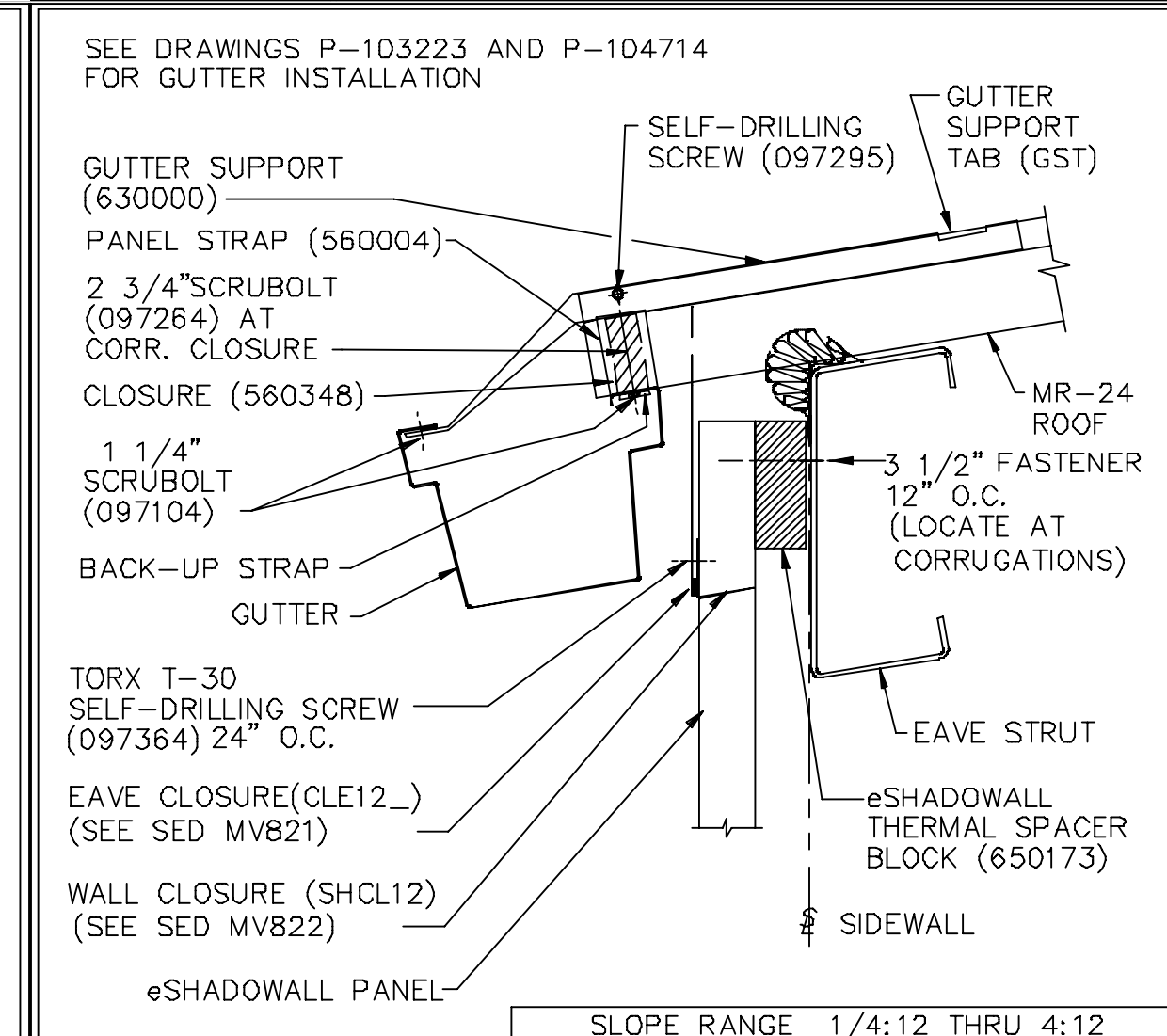
REV. DATE:01/23/14 REV. NO. 02
KV851 4 INCH DOWNSPOUT AT WALL BUTLERIB II AND SHADOWALL



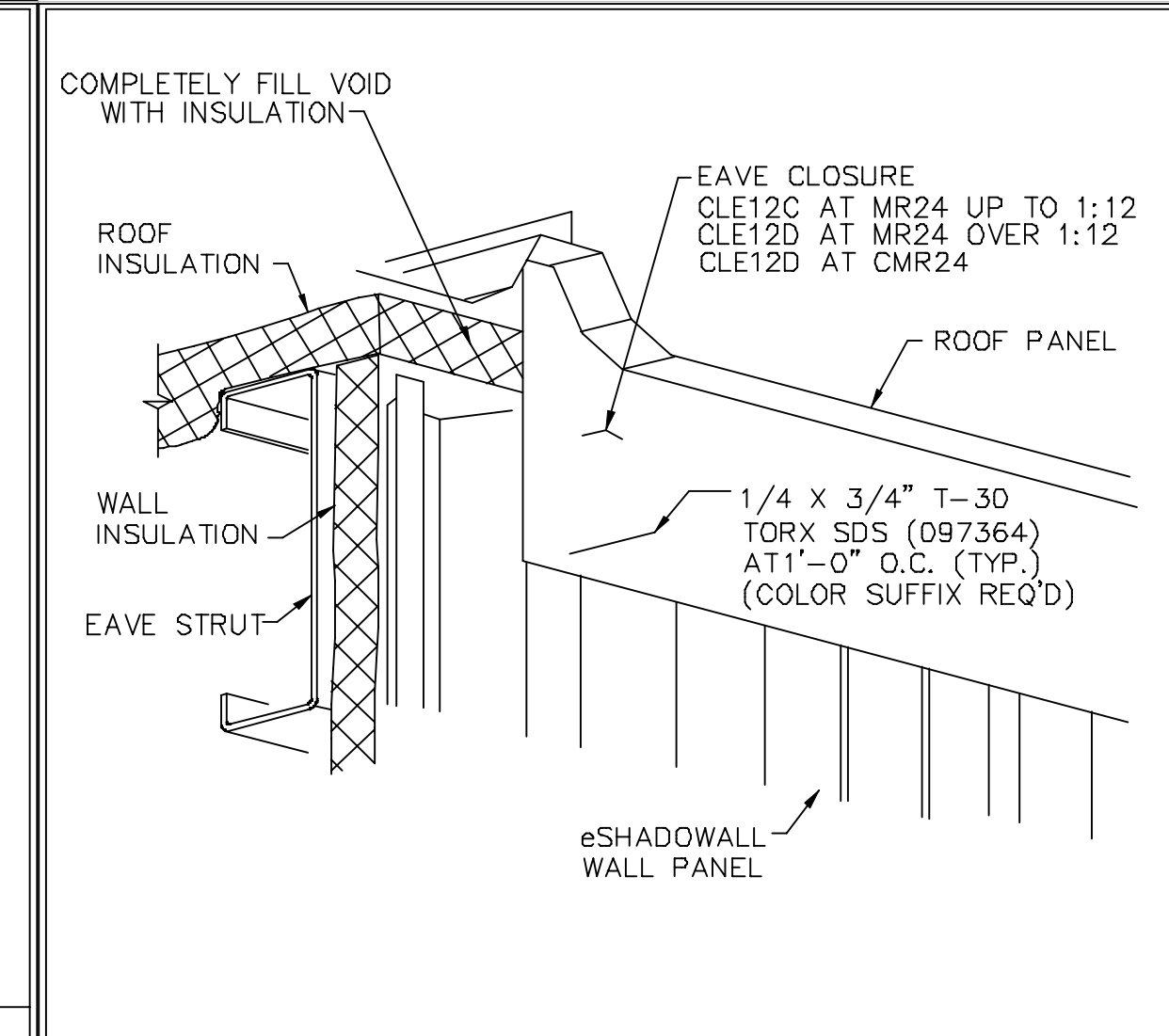
REV. DATE:04/23/16 REV. NO. 04
KV977 GABLE TRIM RIGHT WITH MR-24 eSHADOWALL WALL PANEL



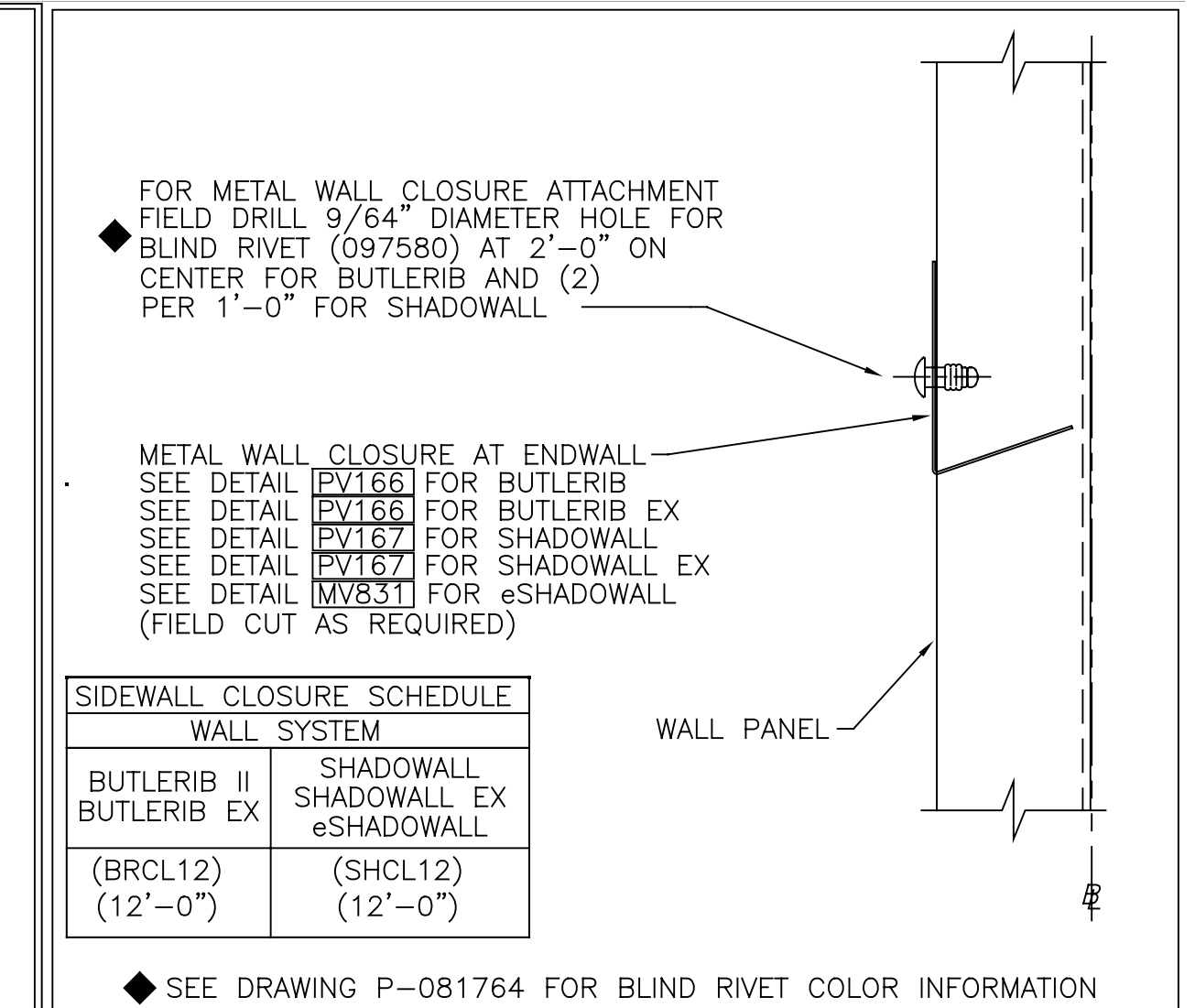
REV. DATE:04/23/16 REV. NO. 05
KV978 GABLE TRIM LEFT WITH MR-24 ROOF eSHADOWALL WALL PANEL



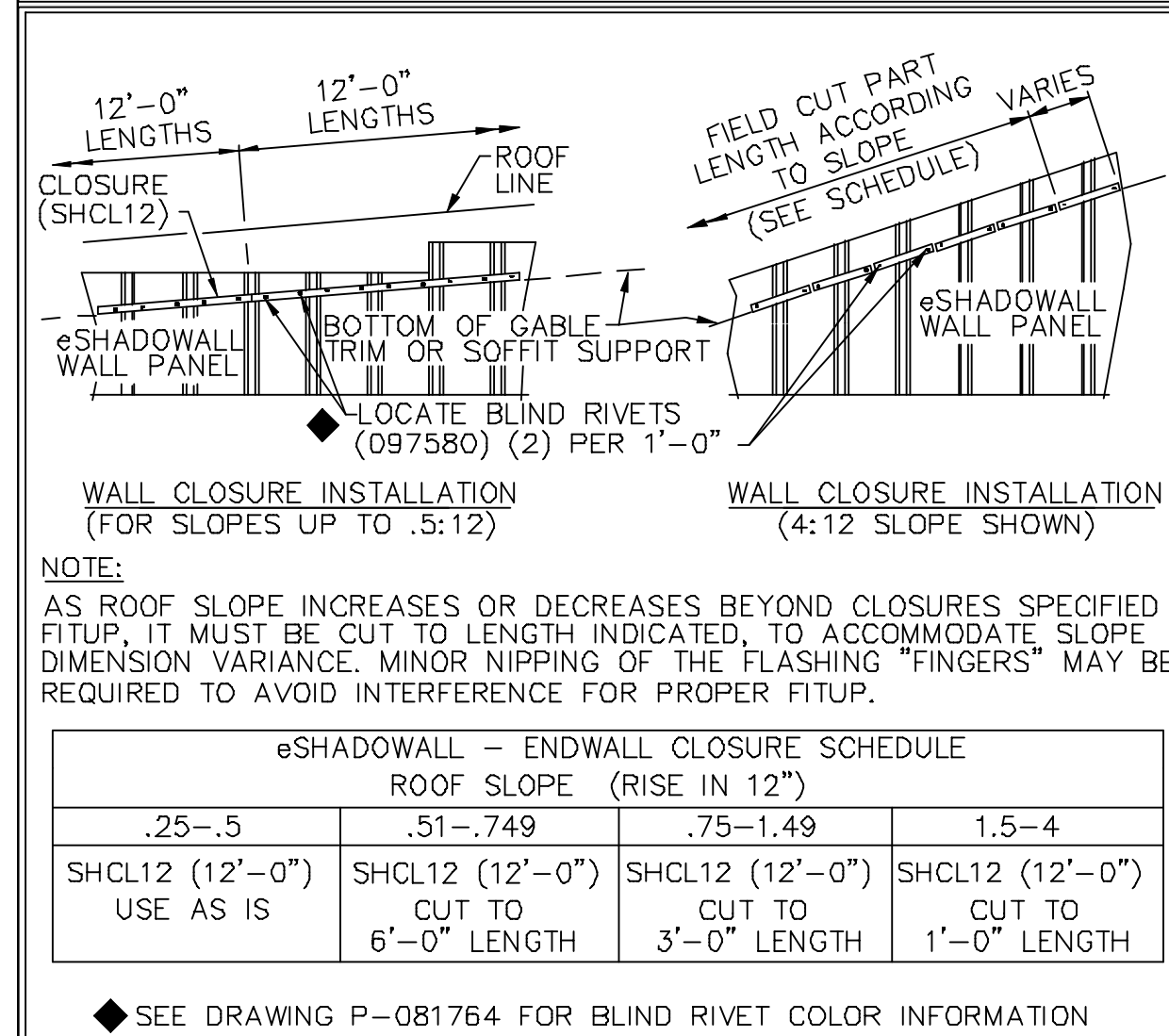
REV. DATE:06/10/15 REV. NO. 02
MV813 GUTTER W/WTHR. SEAL W/MR-24 ROOF eSHADOWALL PANEL



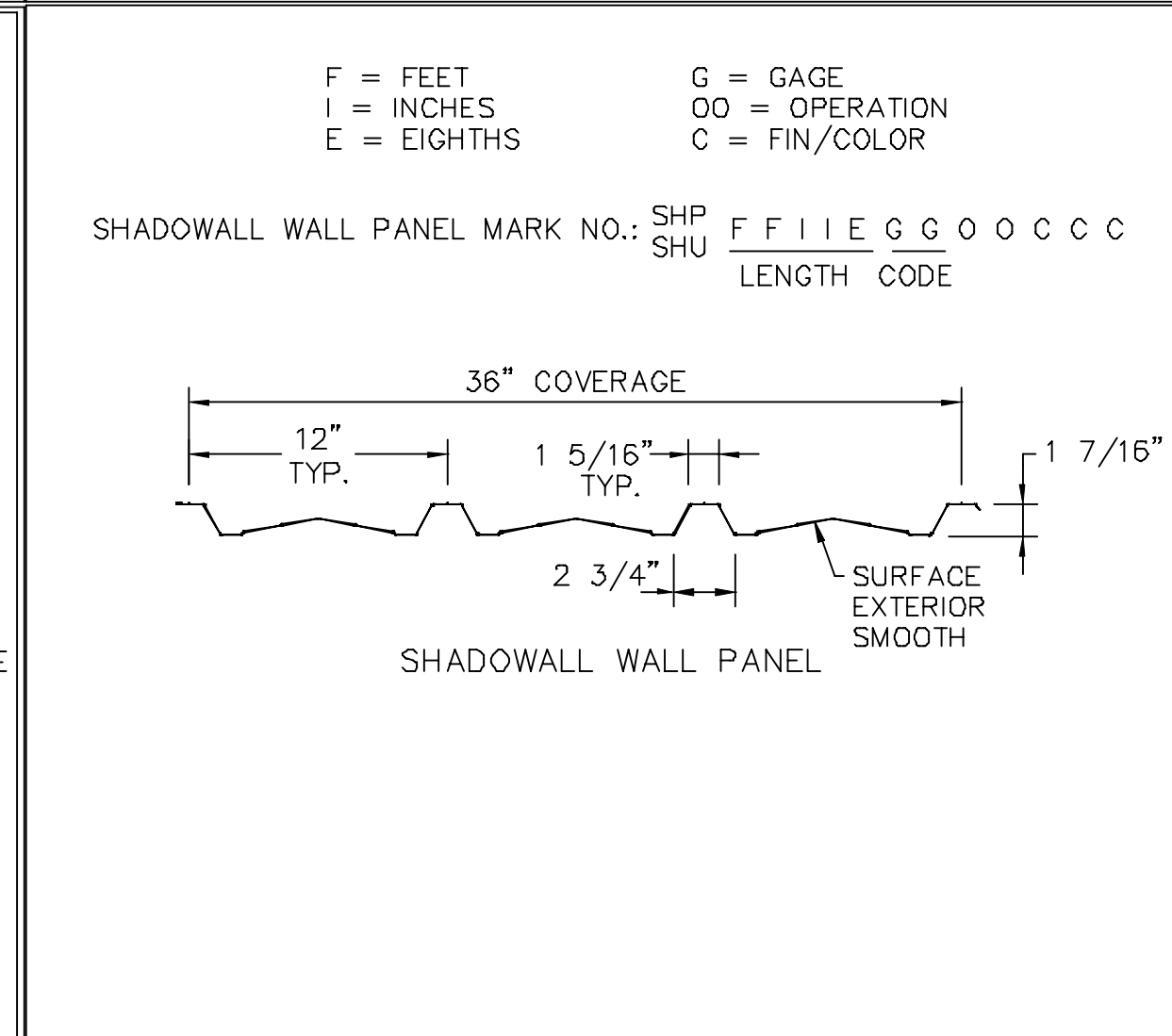
REV. DATE:06/24/13 REV. NO. 01
MV821 EAVE CLOSURE AT MR-24/CMR-24 eSHADOWALL PANELS



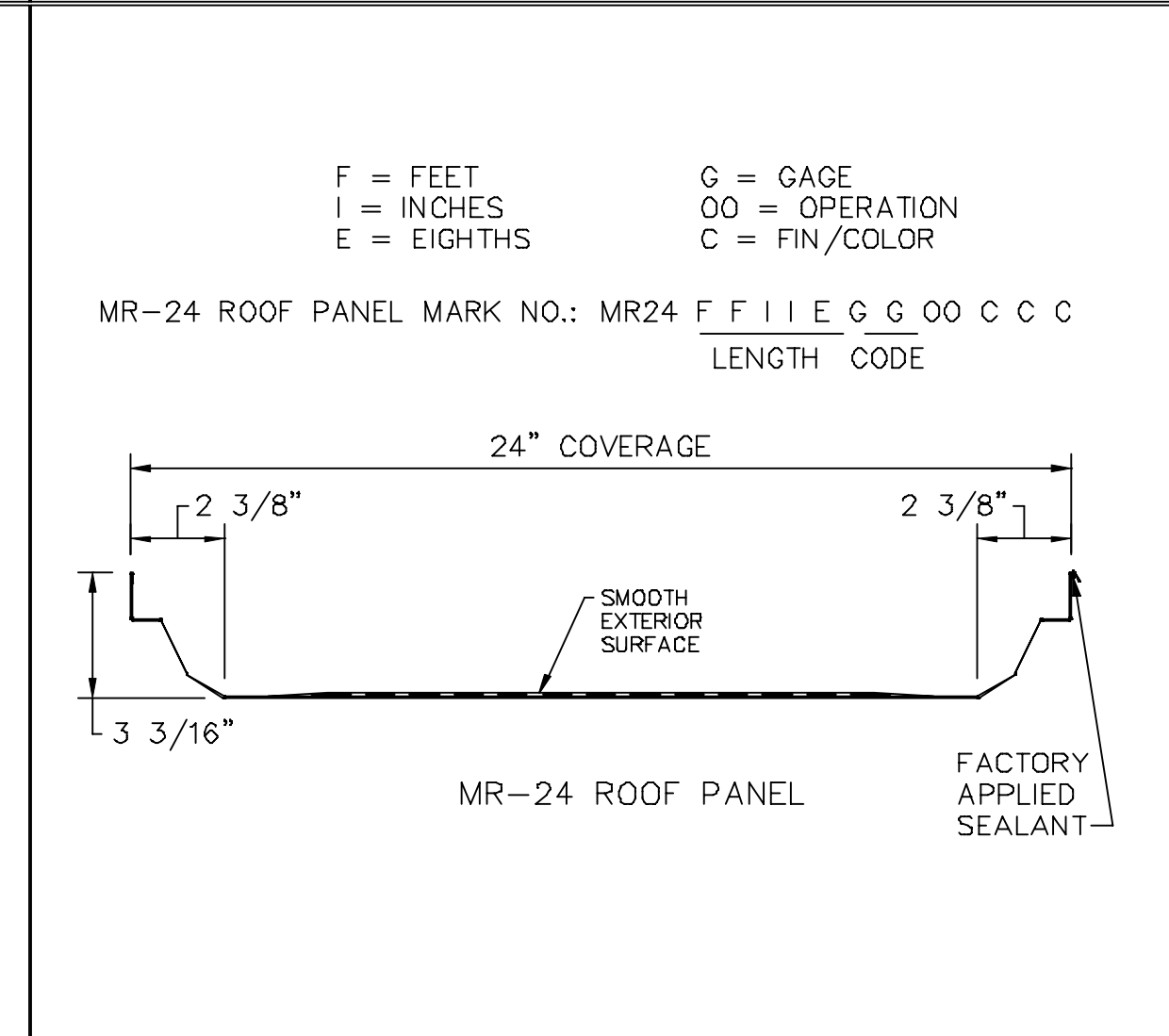
REV. DATE:03/15/21 REV. NO. 05
MV822 OPTIONAL METAL CLOSURE ATTACHMENT BR/BR EX/SHADOWALL/SHADOWALL EX/eSHADOWALL PANELS



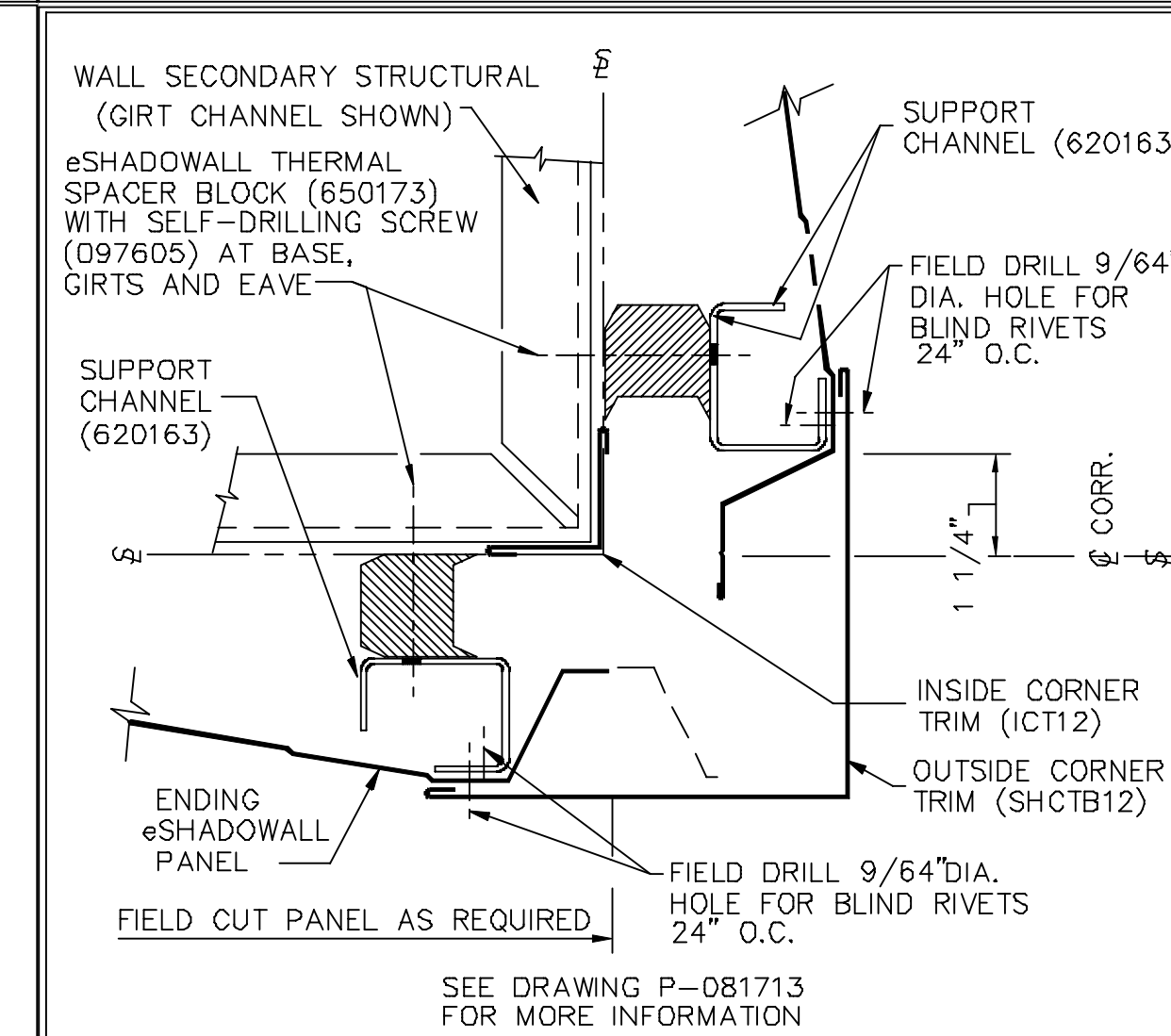
REV. DATE:07/10/17 REV. NO. 02
MV831 eSHADOWALL WALL PANEL ENDWALL CLOSURE SCHEDULE



REV. DATE:07/14/10 REV. NO. 00
NV664 SHADOWALL WALL PANELS



REV. DATE:07/14/10 REV. NO. 00
NV667 MR-24 STANDING SEAM ROOF PANEL



REV. DATE:06/11/15 REV. NO. 02
NV679 OUTSIDE CORNER - ON MODULE eSHADOWALL WALL PANEL

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D BUTLER MANUFACTURING
1540 GENESSEE ST. KANSAS CITY, MO 64102

REV. DATE: BY: DESCRIPTION:

DRAWING SCALE: NTS

BUILDER: C & M SALES, INC.
CUSTOMER:
LOCATION: Lake Ariel, Pennsylvania
PROJECT: WEDCO 2023
BUILDER'S PO#:

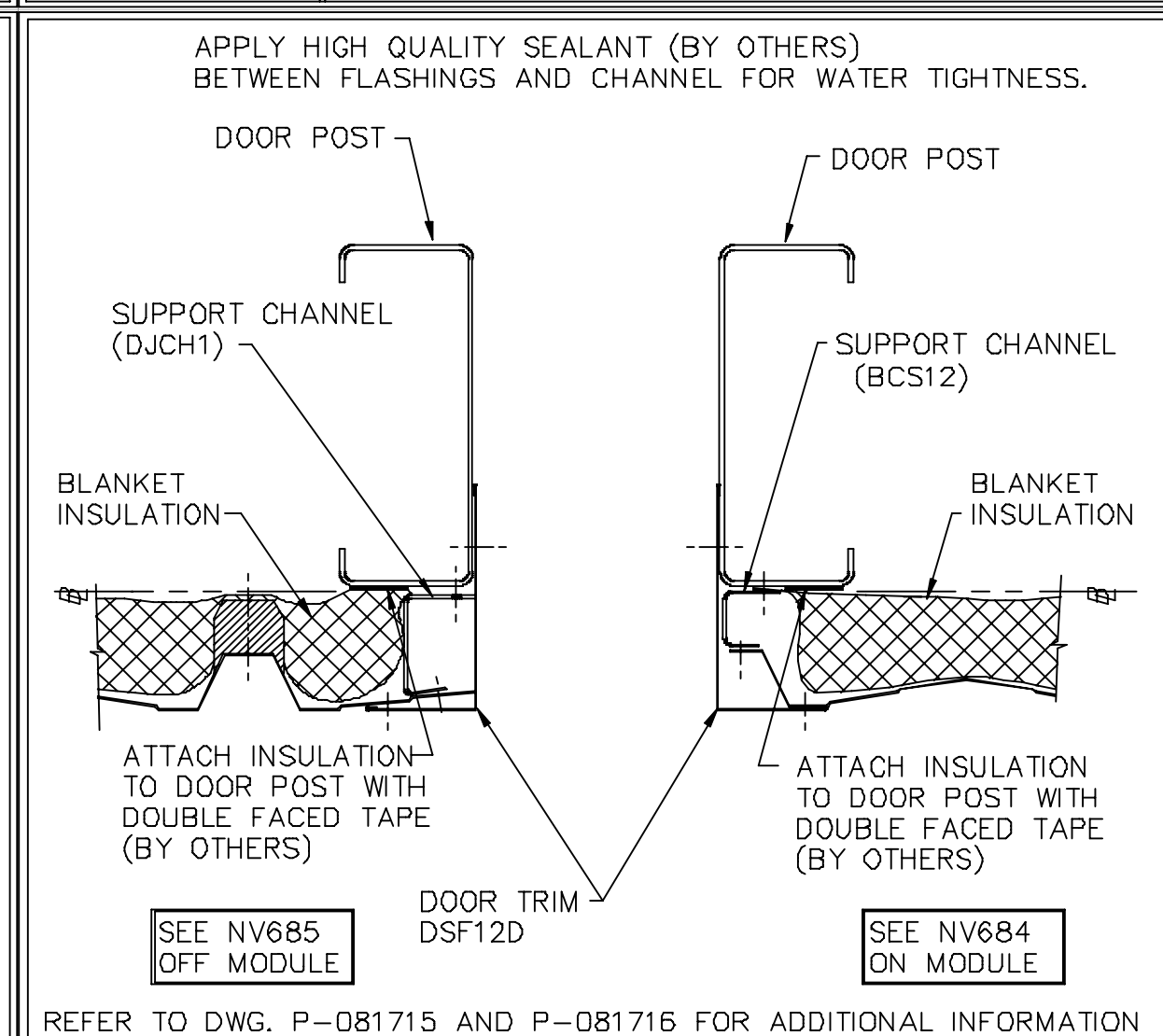
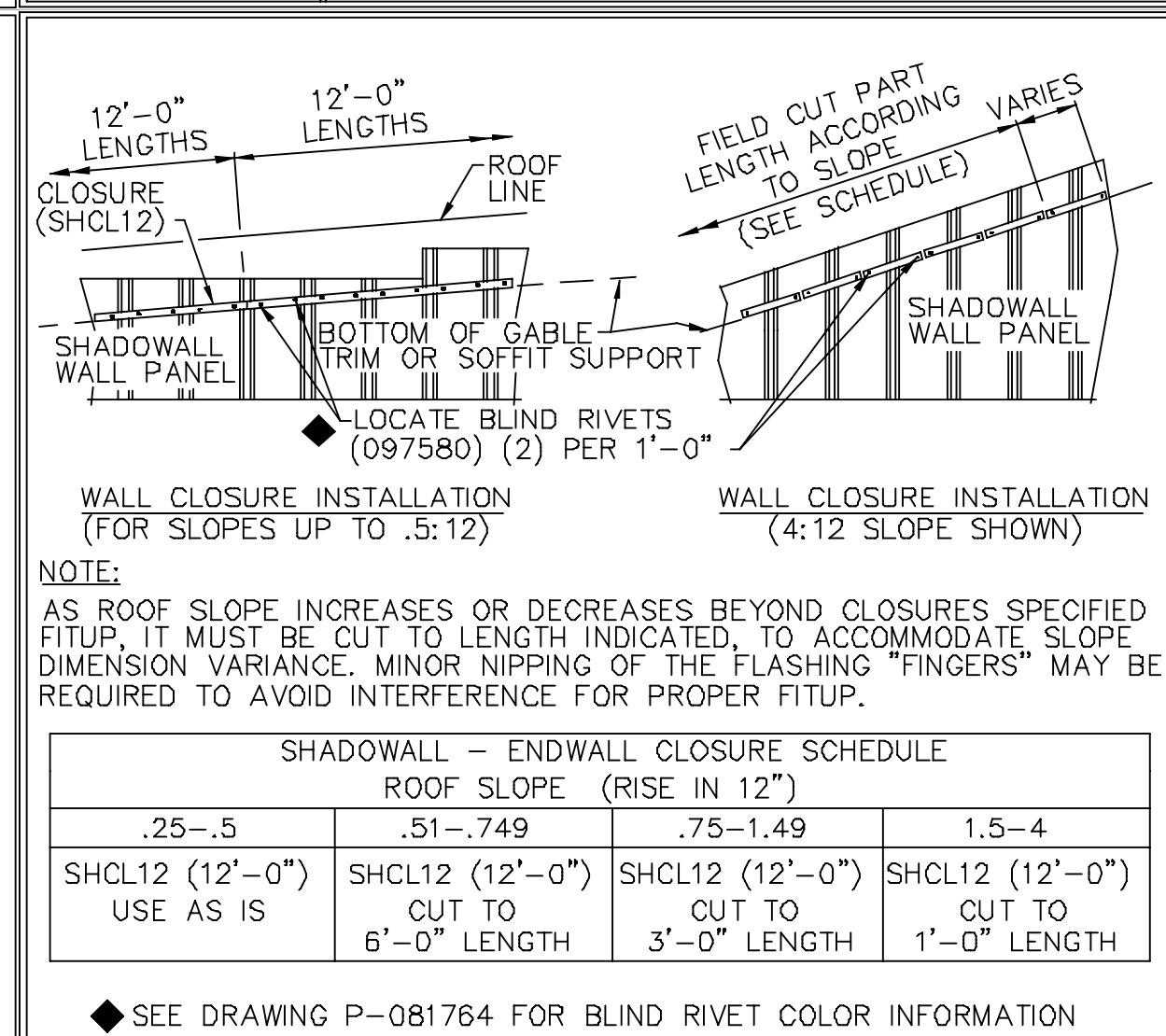
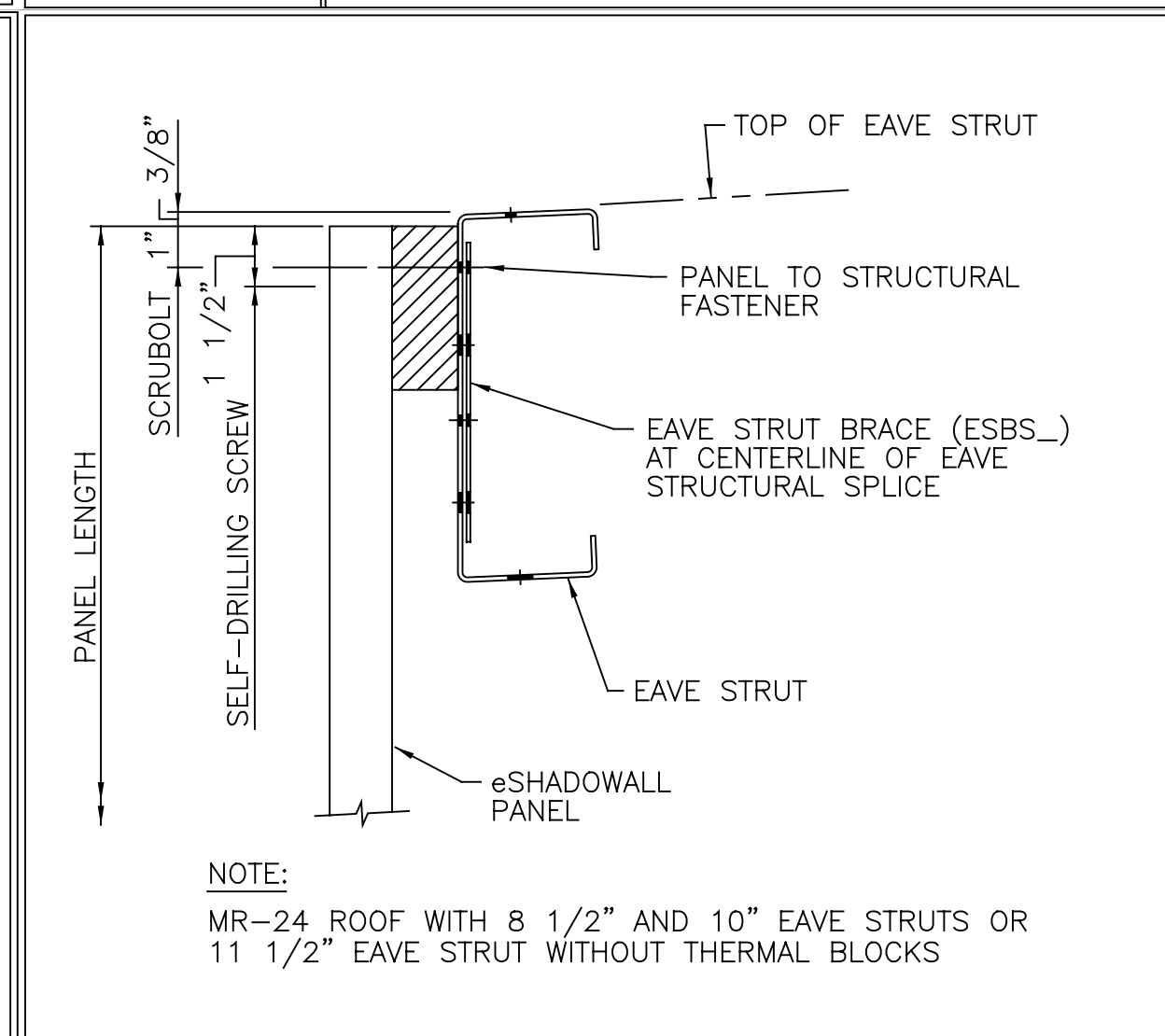
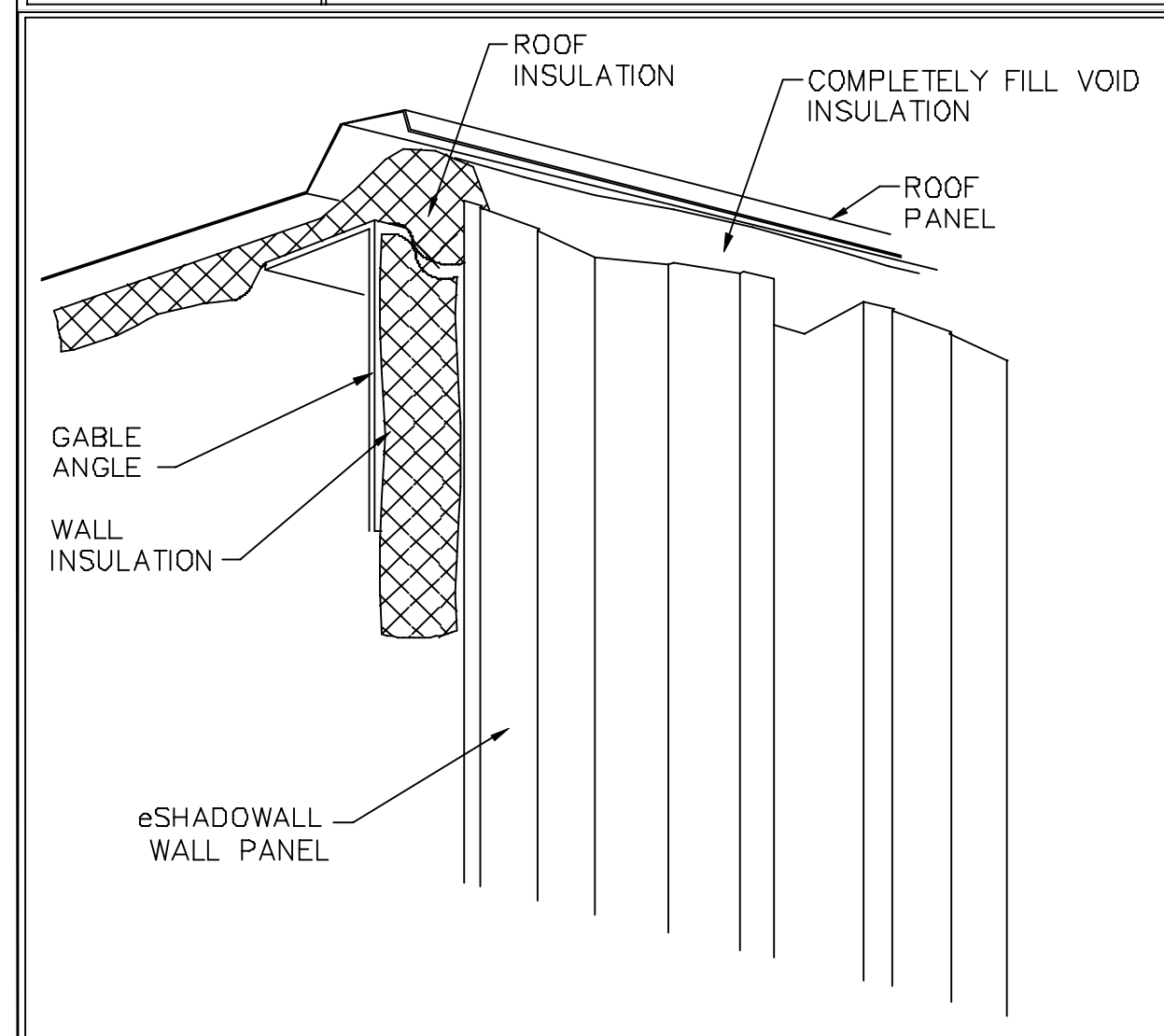
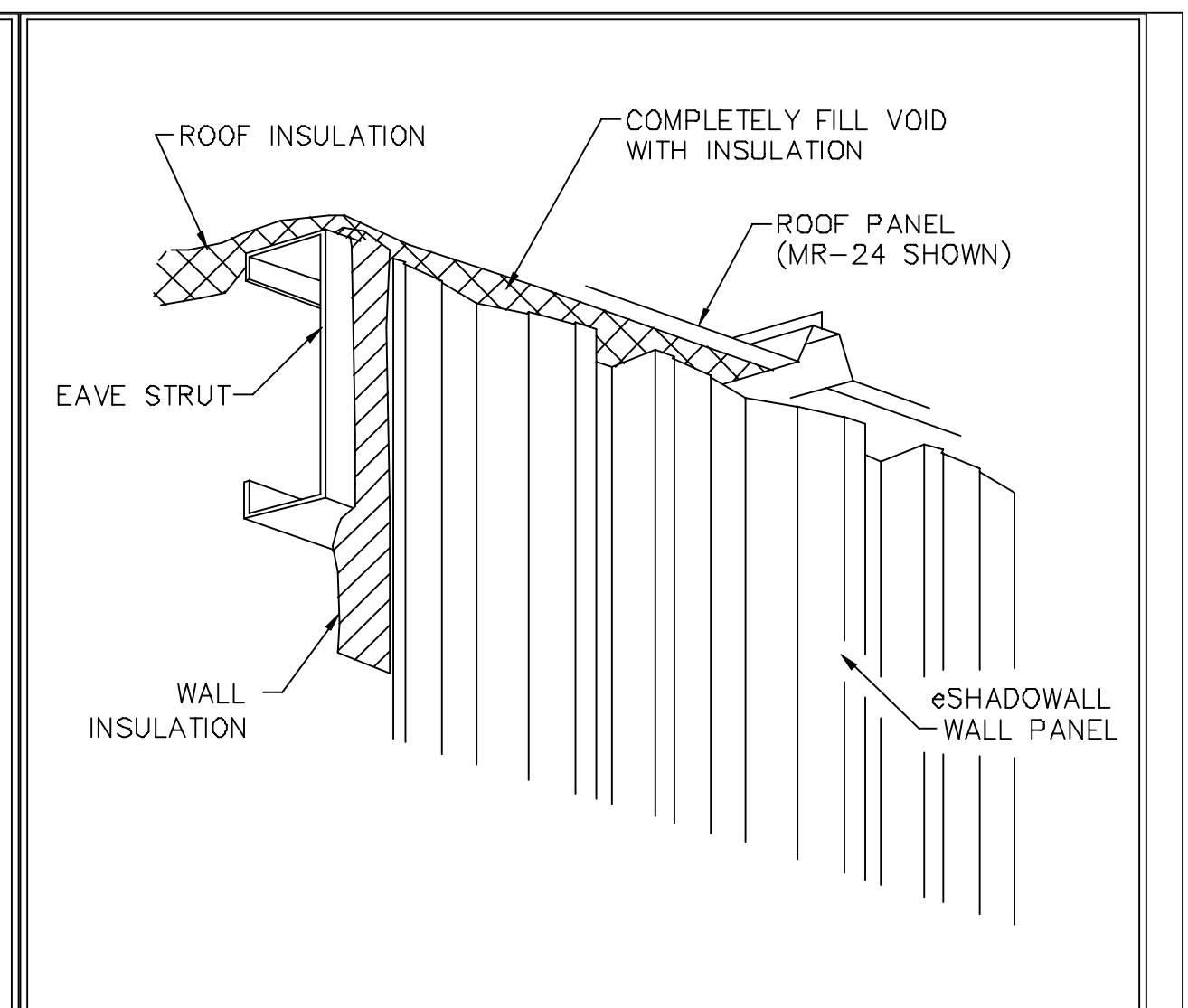
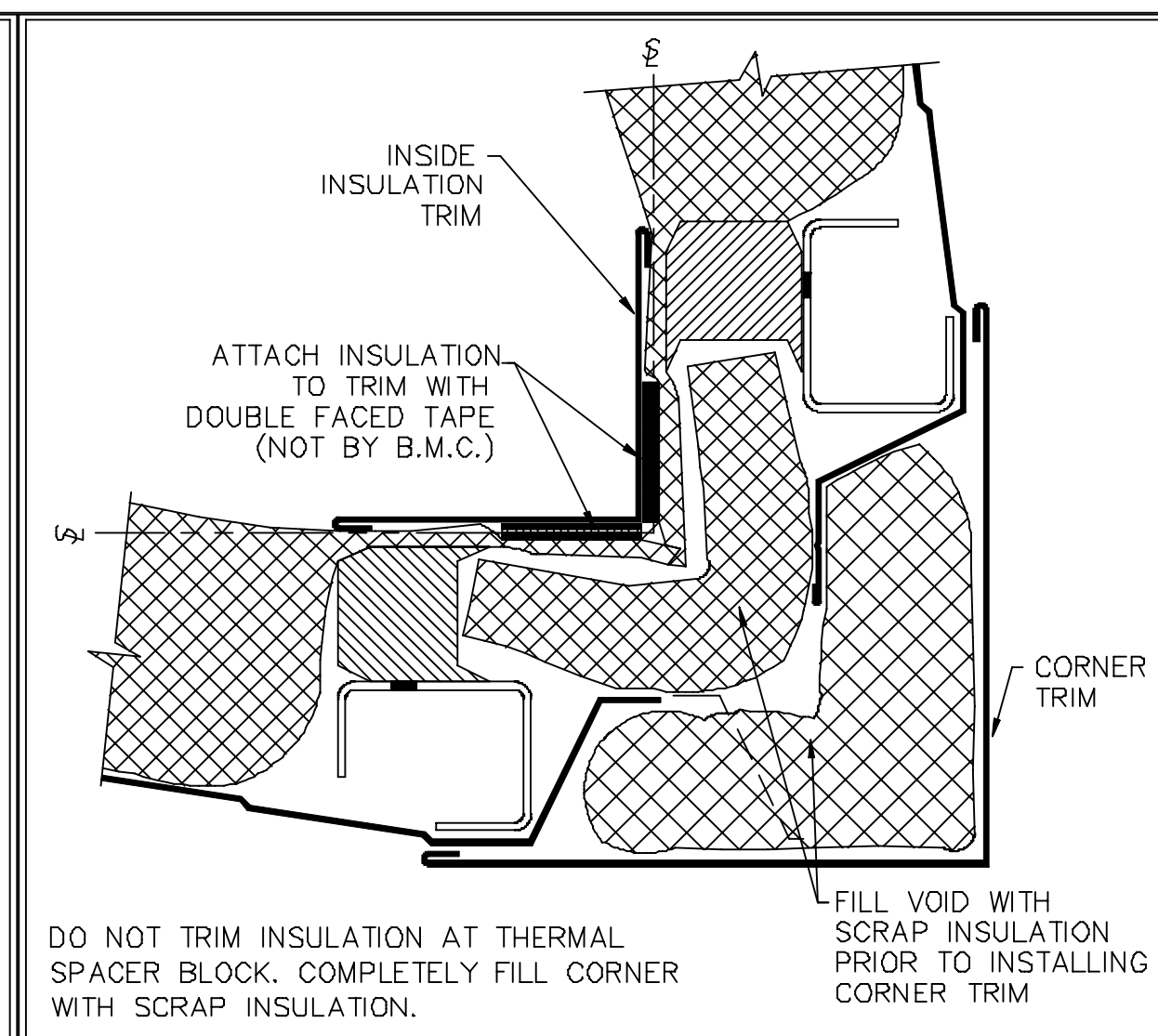
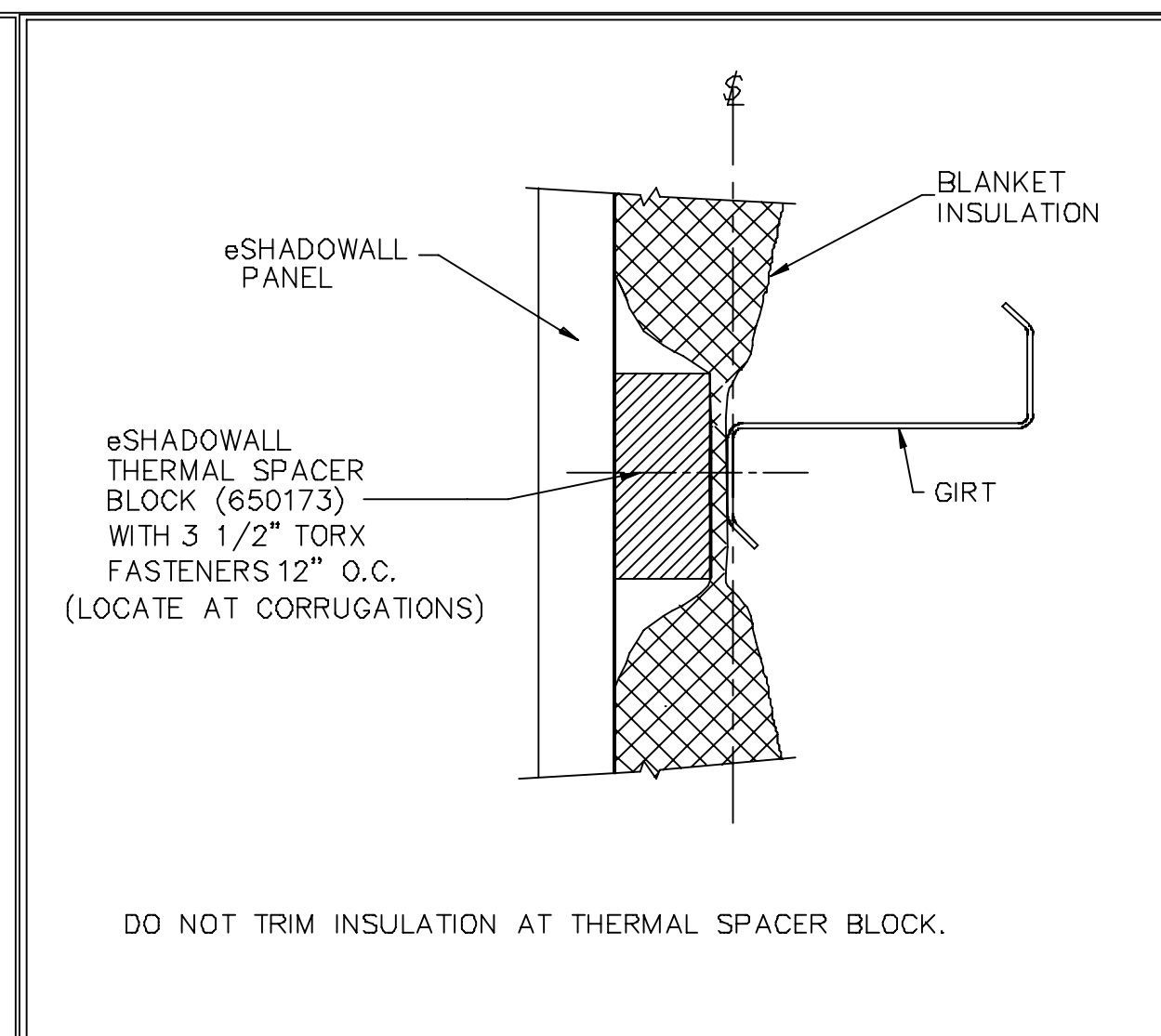
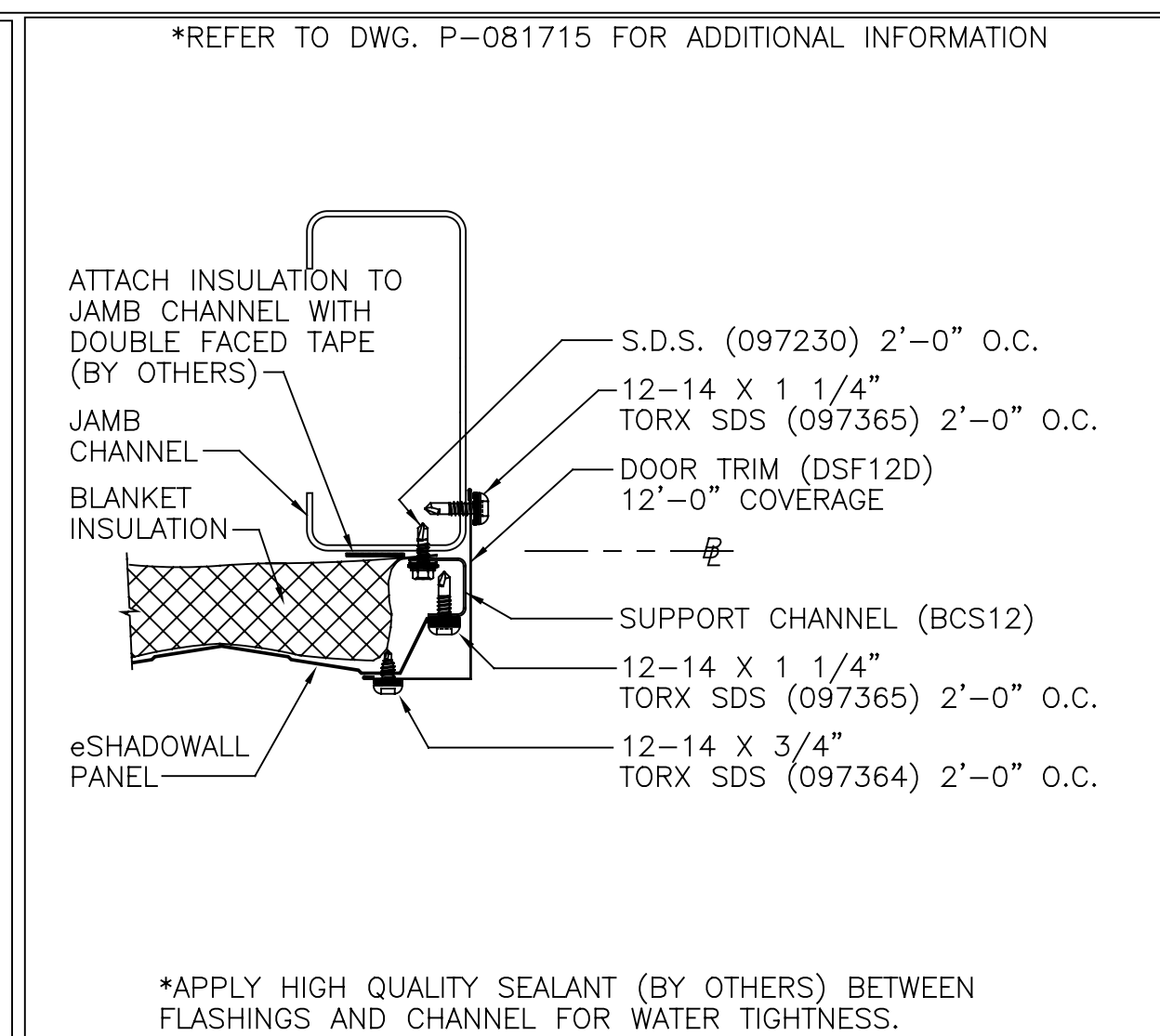
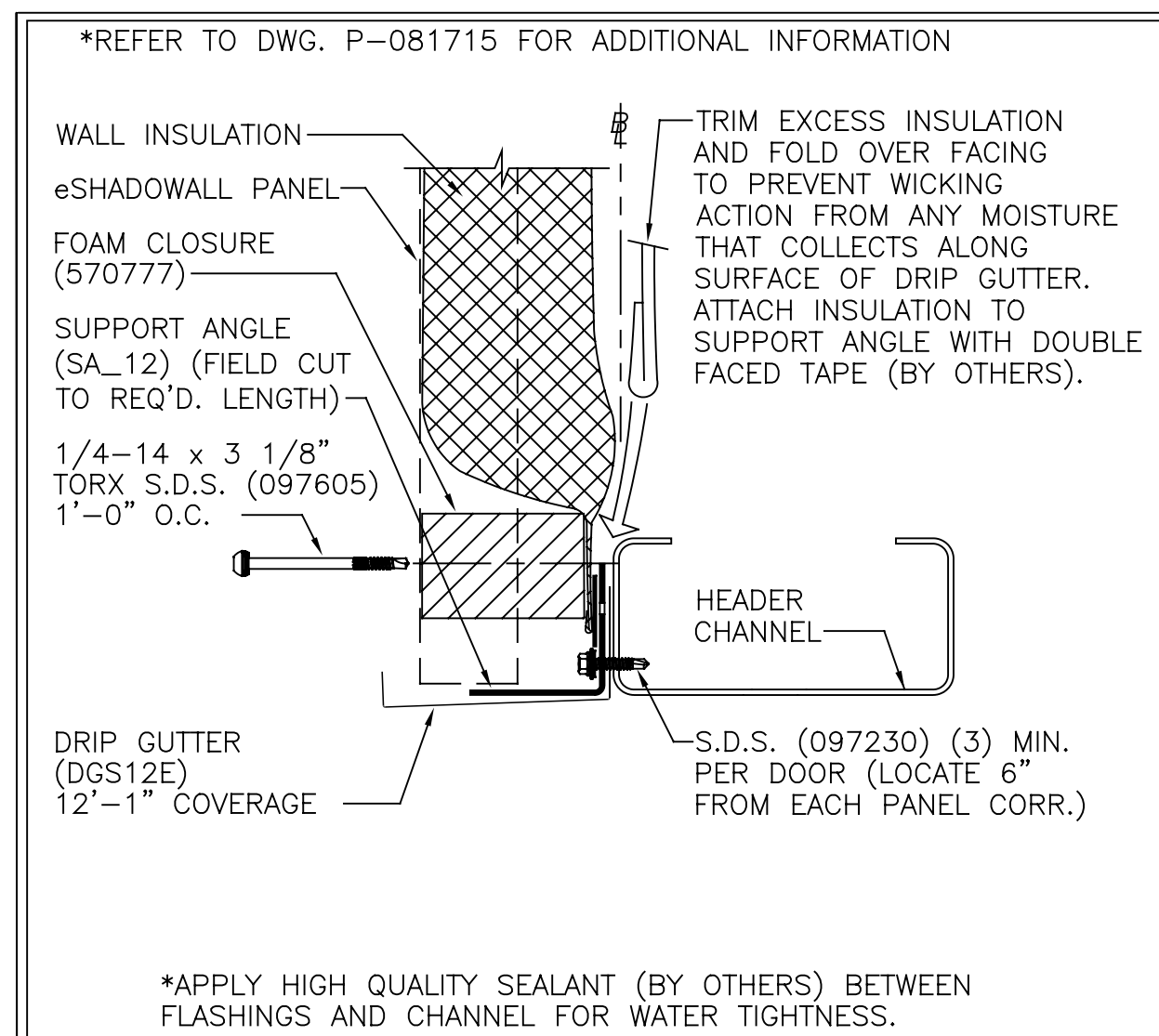
COVERING & TRIM SED'S (a)

ENGINEER: KYLE ANDREW SCHLICHT
REGISTERED PROFESSIONAL ENGINEER
No. PE087971
PENNSYLVANIA
07/18/2023

DATE: 7/5/2023
DRAWN/CHECK: /
PAGE: 35

Butler Manufacturing
VPC VERSION: 2023.2

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INSULATION AT GABLE eSHADOWALL PANEL

S.W. PANEL TOP CONNECTION eSHADOWALL EAVE STRUT SPLICE MR-24 ROOF SLOPES 1:12 OR LESS

SHADOWALL WALL PANEL ENDWALL CLOSURE SCHEDULE

OVERHEAD DOOR JAMB - eSHADOWALL ONE SIDE ON MOD - ONE SIDE OFF MOD



FOR BUILDING DEPT APPROVAL ONLY

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D	BUTLER MANUFACTURING 1540 GENESSEE ST. KANSAS CITY, MO 64102		
	REV:	DATE:	BY:
			DESCRIPTION:
DRAWING SCALE: NTS			

COVERING & TRIM SED'S (b)		BUILDER: C & M SALES, INC.	JOB #:
		CUSTOMER:	DATE: 7/5/2023
		LOCATION: Lake Ariel, Pennsylvania	DRAWN/CHECK: /
		PROJECT: WEDCO 2023	PAGE: 36
		BUILDER'S PO#:	

