



PROJECT NUMBER: U1600196A
PROJECT NAME: Routt County Road & Bridge
PROJECT LOCATION: Oak Creek CO
CUSTOMER: Routt County Road & Bridge

FOR BUILDING

DEPARTMENT REVIEW
APR 18 2016

BUILDING LOADS

DESIGN CODE: IBC 09
 ROOF LIVE LOAD: 20.00 PSF MBMA OCC. CLASS: II
 LIVE LOAD REDUCIBLE No

GROUND SNOW LOAD: 78.5 PSF SNOW EXP. FACTOR, Ce: 1.00
 SNOW IMPORTANCE FACTOR, Is: 1.00

WIND: 90 MPH WIND IMPORTANCE FACTOR, Iw: 1.00
 EXPOSURE: C

UL 90 NO
 Classic Roof—Const. No. 161; Classic Roof w/ Translucent Panel—Const. No. 167
 CFR Roof—Const. No. 552; CFR Roof w/ Translucent Panel—Const. No. 590; Composite CFR Roof—Const. No. 552A; VR16 II Roof—Const. No. 332.

SEISMIC INFORMATION Ss: 0.270 S1: 0.074
 Design Sds/Sd1: 0.285 / 0.118 Site Class: D
 Seismic Imp. Factor: 1.00 Seismic Design Category: B

Analysis Procedure: Equivalent Lateral Force Method
 Basic SFRS: Ordinary Steel Moment Frames & Ordinary Steel Conc. - Braced Frames

NOTES:
 1) COLLATERAL DEAD LOADS, UNLESS OTHERWISE NOTED, ARE ASSUMED TO BE UNIFORMLY DISTRIBUTED. WHEN SUSPENDED SPRINKLER SYSTEMS, LIGHTING, HVAC EQUIPMENT, CEILING, ETC., ARE SUSPENDED FROM ROOF MEMBERS, CONSULT THE M.B.S. IF THESE CONCENTRATED LOADS EXCEED 500 POUNDS (USING THE WEB MOUNT DETAIL) OR 200 POUNDS (USING THE FLANGE MOUNT DETAIL), OR IF INDIVIDUAL MEMBERS ARE LOADED SIGNIFICANTLY MORE THAN OTHERS.
 2) THE DESIGN OF STRUCTURAL MEMBERS SUPPORTING GRAVITY LOADS IS CONTROLLED BY THE MORE CRITICAL EFFECT OF ROOF LIVE LOAD OR ROOF SNOW LOAD, AS DETERMINED BY THE APPLICABLE CODE.

BUILDING	
ROOF DEAD (PSF):	3.60
PRL. COL. (PSF):	1
SEC. COL. (PSF):	1
SNOW Ct:	1.00
SNOW Cs:	0.788
ROOF SNOW (PSF):	78.50
WIND ENCLOSURE:	Closed
GCoI:	0.18
SEISMIC R:	3
SEISMIC Cs:	0.095
BASE SHEAR (KIPS):	12.14

△ CORRECTED USER OVERRIDE SNOW

ERECTOR MANUALS REQUIRED
(ERECTOR MANUALS ARE SHIPPED WITH THE BUILDING IN A WAREHOUSE PACKING CRATE)

<input type="checkbox"/> CFR ROOF	<input type="checkbox"/> H9700 OR <input type="checkbox"/> H8260	<input type="checkbox"/> SINGLE CURB (H9850)
<input checked="" type="checkbox"/> CLASSIC ROOF	<input type="checkbox"/> H9420 OR <input checked="" type="checkbox"/> H8201	<input type="checkbox"/> DOUBLE CURB (H9800)
<input checked="" type="checkbox"/> WALL SHEETING	<input type="checkbox"/> H9430 OR <input type="checkbox"/> H8300	<input type="checkbox"/> VR16 II (H9925)

DRAWING INDEX

COVERSHEET C1, C2, C3
 ANCHOR BOLT DRAWINGS F1, F2
 COLUMN BASE REACTIONS F2
 STRUCTURAL/SHEETING DRAWINGS E1, E2, E3, E4, E5, E6, E7, E8
 DETAILS D1, D2, D3, D4, D5, D6, D7, D8, D9

Notes and Specifications

Building Erection Notes

- The general contractor and/or erector is responsible to safely and properly erect the metal building system in accordance with these drawings, OSHA requirements and metal building system in accordance with these drawings, OSHA requirements and either MBMA or CSA S16 standards pertaining to proper erection. This includes, but is not limited to, the correct use of temporary guys and bracing where needed for squaring, plumbing, and securing the structural and secondary framing. Secondary wall framing members (girts or bar joists) are not designed to function as a work platform or provide safety tie-off attachment in accordance with OSHA requirements. Secondary roof framing members (purlins or bar joists) are not designed to provide safety tie-off attachment in accordance with OSHA requirements.
- A325 & A490 Bolt Tightening requirements:**
It is the responsibility of the erector to ensure proper bolt tightness in accordance with applicable regulations. See the **RCSC Specification for Structural Joints Using A325 or A490 Bolts** or **CAN/CSA S16 "Limit States Design of Steel Structures"** for more information. The following criteria may be used to determine the bolt tightness (i.e., "snug-tight" or "fully-pretensioned"), unless required otherwise by local jurisdiction or contract requirements:
 - B) All A325 bolts in primary framing (rigid frames and bracing) may be "snug-tight", except as follows:
 - a) Building supports a crane system with a capacity greater than 5 tons.
 - b) Building supports machinery that creates vibration, impact or stress-reversals on the connections. The Engineer-of-Record for the project should be consulted to evaluate for this condition.
 - c) The project site is located in a high seismic area. For IBC-based codes, "High Seismic Area" is defined as "Seismic Design Category" of "D", "E", or "F". See the "Building Loads" section of this page for the defined seismic design category for this project.
 - d) Any connection designated in these drawings as "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.
 - C) In Canada, all A325 and A490 bolts shall be "fully pre-tensioned", except for secondary members (purlins, girts, opening framing, etc.) and flange braces.
 - D) Secondary members (purlins, girts, opening framing, etc.) and flange brace connections may always be "snug-tight", unless indicated otherwise in these drawings.
- The metal building supplier shall be notified prior to any field modifications. Modifications shall be approved by the metal building supplier before work is undertaken.
- Common Abbreviations:**
 - a) TYP UNO - Typical Unless Noted Otherwise
 - f) SIM - Similar
 - b) SLV - Short Leg Vertical
 - g) NIC - Not in Contract
 - c) LLV - Long Leg Vertical
 - h) SL - Steel Line
 - d) NS & FS - Near Side and Far Side
 - i) N/A - Not Applicable
 - e) O.A.L. - Overall Length
 - j) MBS - Metal Building Supplier
- Construction loads shall not be placed on any structural steel framework unless such framework is safely bolted, welded, or otherwise adequately secured.
- Purlins and girts shall not be used as an anchorage point for a fall arrest system unless written approval is obtained from the metal building supplier.
- Purlins may only be used as a walking/working surface when installing safety systems, after all permanent bridging has been installed and fall protection is provided.
- Construction loads may be placed only within a zone that is within 8 feet of the center line of the primary support member. CFR bundles should be placed directly over the rigid frames.
- All lifting devices must meet OSHA or MSHA standards and in no case is it acceptable to use structural members supplied by the MBS as a spreader bar or lifting device.

General Design Notes

- All structural steel sections and welded plate members are designed in accordance with ANSI/AISC 360 "Specifications for Structural Steel Buildings" or the CAN/CSA S16 "Limit States Design of Steel Structures", as required by the specified building code.
- All welding of structural steel is based on either AWS D1.1 "Structural Welding Code - Steel" or CAN/CSA W59 "Welded Steel Construction (Metal Arc Welding)", as required by the specified building code.
- All cold formed members are designed in accordance with ANSI/AISI S11 or CAN/CSA S136 "Specifications for the Design of Cold Formed Steel Structural Members", as required by the specified building code.
- All welding of cold formed steel is based on AWS D1.3 "Structural Welding Code - Sheet Steel" or CAN/CSA W59 "Welded Steel Construction (Metal Arc Welding)", as required by the specified building code.
- This Metal Building Supplier facility is IAS AC-472 Accredited and CAN/CSA A660 and W47.1 Certified (if applicable) for the design and manufacturing of Metal Building Systems.
- If joists are included with this project, they are supplied as a part of the systems engineered metal building and are fabricated in accordance with the requirements of Section 1926.758 of the OSHA safety standards for steel erection, dated January 18, 2001.

Material Specifications

Plate and Flange Material:	
5" - 12" Wide, to 1 1/4" Th.	A529 Grade 55
Others	A572 Grade 50
Built-Up Structural Web	A1011 SS (or HSLAS Class 1) Grade 55
Hot-Rolled Structural	A36 or A572 Grade 50 or A992 Grade 50
Structural Tube	A500 Grade B (46 KSI)
Structural Pipe	A500 Grade B (42 KSI)
Cold-Formed Structural	A1011 or A1039 SS (or HSLAS Class 1) Grade 55
Classic Roof Panel	A792 Grade 80
CFR / VR16 II Roof Panel	A792 Grade 50, Class 1
All Wall Panel Profiles	A653 Grade 80, Class 1 or A792 Grade 80, Class 1
Roof Bracing	A529 Grade 50
Welds	AWS D1.1/D1.3 or CSA W59 per Building Code
High-Strength Bolts	A325 Type 1 or A490 Type 1 Heavy Hex
Machine Bolts	A307 Grade A Hex

PRIMARY AND SECONDARY STEEL PRIMER COLOR: RED
 ROOF SHEETING, TYPE: CR 26 GAGE, FINISH: Polar White SP
 ROOF PANEL CLIP TYPE: N/A TALL SHORT UTILITY FIXED FLOATING
 THERMAL BLOCKS: YES NO EPS FOAM SPACER: YES NO
 SEAMING METHOD (FOR CFR ONLY): ROLL LOCK™ VISE LOCK™ VISE LOCK 360™
 REFER TO THE DETAIL PAGES FOR ADDITIONAL SEAMING INFORMATION
 COMPOSITE CFR DECK, TYPE: N/A GAGE, FINISH:
 ROOF LINE TRIM, PAINTED: Polar White SP
 EXTERIOR WALL SHEETING, TYPE: AW 26 GAGE, FINISH: Fox Gray SP
 EXTERIOR WALL CORNER TRIM FINISH: Polar White SP
 EXTERIOR BASE TRIM, PAINTED: Polar White SP
 FRAMED OPENING TRIM, PAINTED: Polar White SP
 WALL FRAMED OPENING, SIZES: FSW (1) 3'-0" x 3'-0", sill at 4'-0"
 BSW (1) 3'-0" x 3'-0", sill at 4'-0"
 LEW (1) 24'-0" x 16'-0" (1) 3'-0" x 7'-0"
 REW none

INTERIOR WALL SHEETING, TYPE: CL 26 GAGE, FINISH: Galvalume
 INTERIOR CEILING LINER, TYPE: none GAGE, FINISH:
 INTERIOR WALL TRIM, PAINTED: Galvalume

YES NO
 DOWNSPOUTS PAINTED: GUTTERS PAINTED:
 WALKDOORS, QUANTITY: (1) 3070 PAINTED: WHITE
 WINDOWS: PAINTED:
 INSULATION (NOT BY MBS), ROOF: 4 INCH WALLS: 6 INCH
 CRANES (SEE CRANE PLAN FOR ADDITIONAL CRANE INFORMATION)
 MEZZANINE (SEE MEZZANINE PLAN FOR ADDITIONAL MEZZANINE INFO)
 WALL TRANSLUCENT PANELS:
 ROOF TRANSLUCENT PANELS:
 INSULATED PANELS YES NO
 PIPE JACKS, SIZE: QUANTITY:
 ROOF FRAMED OPENINGS, SEE ROOF FRAMING PLAN FOR SIZES
 RIDGE VENTS, 10'-0" LONG X 9" THROAT. QUANTITY:

ERECTOR NOTE:

ALTERNATE FASTENERS HAVE BEEN SUBSTITUTED ON THIS BUILDING. 2" WALL FASTENERS HAVE BEEN SUPPLIED FOR WALL PANEL TO GIRT ATTACHMENT. WHERE THE DRAWINGS INDICATE AN H1040 STRUCTURAL FASTENER, H1045 or H1047 FASTENERS WITH WASHERS HAVE BEEN SUPPLIED. WHERE THE DRAWINGS INDICATE AN H1060 TRIM FASTENER, H1061 FASTENERS WITH WASHERS HAVE BEEN SUPPLIED.

FOR OCCUPANCY CATEGORY I OR II BUILDINGS, IBC ALLOWS FOR SINGLE STORY BUILDINGS TO HAVE NO LIMIT FOR SEISMIC STORY DRIFT. PLEASE NOTE THAT ANY INTERIOR WALLS, PARTITIONS, CEILINGS, AND EXTERIOR WALLS SHOULD BE DETAILED (BY OTHERS) TO ACCOMMODATE THIS STORY DRIFT.

THIS BUILDING SYSTEM DESIGN IS BASED ON UNIFORMLY APPLYING THE CONTRACT-SPECIFIED LIVE LOAD AND ROOF SNOW LOAD. IN ADDITION, THE DESIGN IS BASED ON APPLYING A CODE-DEFINED LIVE LOAD (INCLUDING APPLICABLE REDUCTIONS) AND A CODE-DEFINED SNOW LOAD (BASED ON CONTRACT-SPECIFIED GROUND SNOW) FOR ALL PARTIAL LOADING AND UNBALANCED SNOW LOAD CONDITIONS.

YES NO
 FASCIA, PROJECTION: TOP OF FASCIA HEIGHT:
 FACE PANEL, TYPE: GAGE, FINISH:
 BACK PANEL, TYPE: GAGE, FINISH:
 CAP TRIM PAINTED: BASE TRIM PAINTED:
 CLOSED SYSTEM, CLEAR UNDER SOFFIT TRIM:
 SOFFIT PANEL, TYPE: GAGE, FINISH:
 SOFFIT TRIM AT BUILDING LINE PAINTED:
 OPEN SYSTEM, (NO SOFFIT PANEL PROVIDED)
 CLEAR UNDER FASCIA:
 PARAPET SYSTEM
 STRUCTURAL PARAPET NON-STRUCTURAL PARAPET
 TOP OF PARAPET HEIGHT:
 BACKER PANEL, TYPE: GAGE, FINISH:
 CANOPY (EXPOSED BEAM), PROJECTION:
 AT EAVE LINE BELOW EAVE
 ROOF PANEL, TYPE: GAGE, FINISH:
 SOFFIT PANEL, TYPE: GAGE, FINISH:
 SOFFIT TRIM AT BUILDING LINE PAINTED:
 CLEAR UNDER CANOPY BEAM:
 EAVE EXTENSION (CONCEALED BEAM), PROJECTION:
 SOFFIT PANEL, TYPE: GAGE, FINISH:
 SOFFIT TRIM AT BUILDING LINE PAINTED:
 RAKE EXTENSION, PROJECTION:
 SOFFIT PANEL, TYPE: GAGE, FINISH:
 SOFFIT TRIM AT BUILDING LINE PAINTED:
 PARTITION WALL SHEETING
 PANEL TYPE: GAGE, FINISH:
 PARTITION WALL TRIM COLOR:
 WAINSCOT
 WALL PANEL, TYPE: GAGE, FINISH:
 BASE TRIM PAINTED: JAMB TRIM PAINTED:
 TRANSITION TRIM PAINTED:

DUE TO THE PROXIMITY OF AN EXISTING BUILDING, STRUCTURAL SEPARATION FROM THE MBS STRUCTURAL STEEL IS REQUIRED. THE ENGINEER OF RECORD (NOT THE METAL BUILDING SUPPLIER) IS RESPONSIBLE FOR ASSURING THAT THE MBS SEISMIC STORY DRIFT OF 1.00 INCH PLUS THE STORY DRIFT OF THE EXISTING BUILDING IS ADEQUATELY PROVIDED BETWEEN THE NEW AND EXISTING STRUCTURES.

INSULATION NOT TO EXCEED 1.5 PSF.

ANCHOR BOLT PLANS FOR CONST.	PMG GRU	04/15/16
PERMIT DRAWINGS	PMG GRU	04/15/16

OLYMPIA STEEL BUILDING SYSTEMS
 400 ISLAND AVENUE
 MCKEES ROCKS, PA 15136
 PHONE: (888) 449-7756

PROJECT NAME
 ROUNTT COUNTY ROAD & BRIDGE
 OAK CREEK CO
 CUSTOMER NAME
 ROUNTT COUNTY ROAD & BRIDGE
 STEAMBOAT SPRINGS CO
 SHEET TITLE
 JOB NUMBER
 U1600196A



This seal remains only in the possession of the individual engineer who has designed and supervised the construction of the building which they represent on this drawing. The seal of a professional engineer who is not employed by the metal building manufacturer and does not serve as erector shall not be used on drawings representing the paper engineer of record and the manufacturer unless the manufacturer has been notified in writing.



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CUSTOMER: Routt County Road & Bridge

STRUCTURAL TESTS AND INSPECTION:

- 1) THE SPECIAL INSPECTOR'S DUTIES ARE AS DESCRIBED IN SPECIAL INSPECTION. THE SPECIAL INSPECTOR'S DUTIES ARE AS DESCRIBED IN IBC 1704.3 AND IBC 1705
- 2) ALL TESTS AND INSPECTIONS SHALL BE PERFORMED BY AN INDEPENDENT TESTING AND INSPECTION AGENCY EMPLOYED BY THE OWNER OR ARCHITECT.
- 3) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE TEST AND INSPECTION FIRM WITH A SCHEDULE TO FACILITATE THE PROPER COORDINATION OF WORK.
- 4) PORTIONS OF WORK REQUIRING SPECIAL INSPECTION:

AGENCY RESPONSIBLE FOR INSPECTION AND TESTING TO BE NAMED BY OWNER LATER.

A. STRUCTURAL STEEL:

1. MILL REPORTS AND IDENTIFICATION OF STEEL (AFFIDAVIT OF COMPLIANCE)
2. SAMPLING AND TESTING OF SPECIMENS

B. WELDING:

1. ALL STRUCTURAL WELDING (INCLUDES DECKING AND WELDED STUDS), EXCEPT WELDING IN APPROVED SHOPS PER IBC 1704.2.2
2. ULTRASONIC TESTING OF FULL PENETRATION WELD CONNECTIONS AT MOMENT FRAMES, BRACED FRAMES, BEAM SPLICES, AND FIELD WELDS.
3. STRUCTURAL LIGHT GAGE METAL FRAME WELDING

C. BOLTING:

1. HIGH STRENGTH BOLT A325SC AND A490SC (PRETENSION VERIFICATION)
2. HIGH STRENGTH BOLT A325N AND A490X (PER COVER SHEET NOTES)
3. EXPANSION/ADHESIVE ANCHORS IN CONCRETE OR MASONRY

	YES	NO	N/A
1. MILL REPORTS AND IDENTIFICATION OF STEEL (AFFIDAVIT OF COMPLIANCE)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. SAMPLING AND TESTING OF SPECIMENS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1. ALL STRUCTURAL WELDING (INCLUDES DECKING AND WELDED STUDS), EXCEPT WELDING IN APPROVED SHOPS PER IBC 1704.2.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. ULTRASONIC TESTING OF FULL PENETRATION WELD CONNECTIONS AT MOMENT FRAMES, BRACED FRAMES, BEAM SPLICES, AND FIELD WELDS.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. STRUCTURAL LIGHT GAGE METAL FRAME WELDING	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1. HIGH STRENGTH BOLT A325SC AND A490SC (PRETENSION VERIFICATION)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. HIGH STRENGTH BOLT A325N AND A490X (PER COVER SHEET NOTES)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. EXPANSION/ADHESIVE ANCHORS IN CONCRETE OR MASONRY	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ISSUE	DATE	BY	DATE	BY	
Anchor Bolt Plans for Const.	PMG	GRJ	RHW	CDS	04/15/16
Permit Drawings	PMG	GRJ	RHW	CDS	04/15/16

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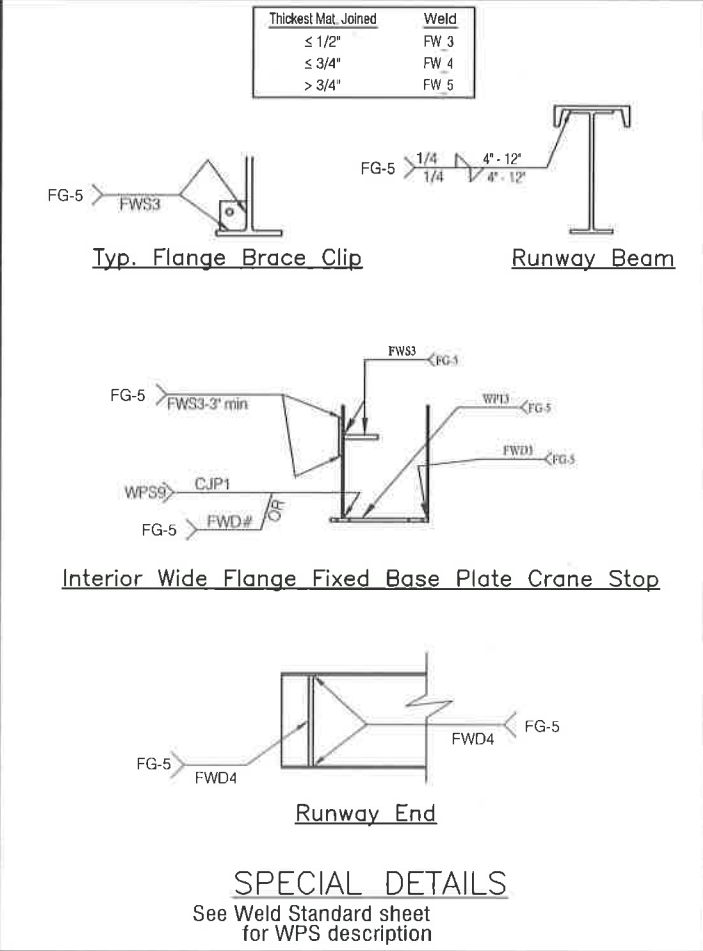
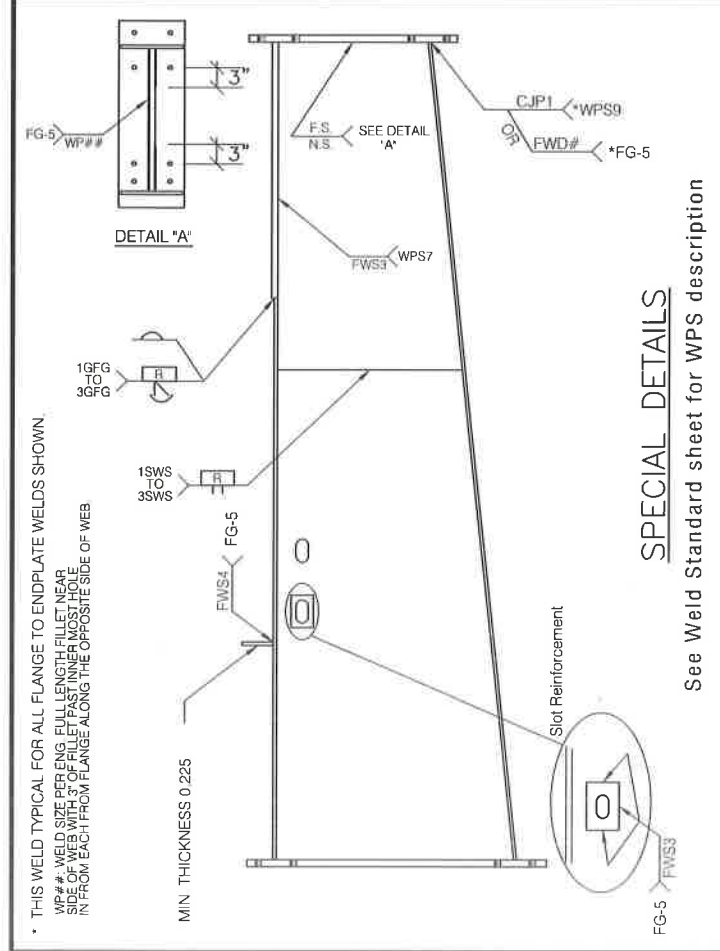
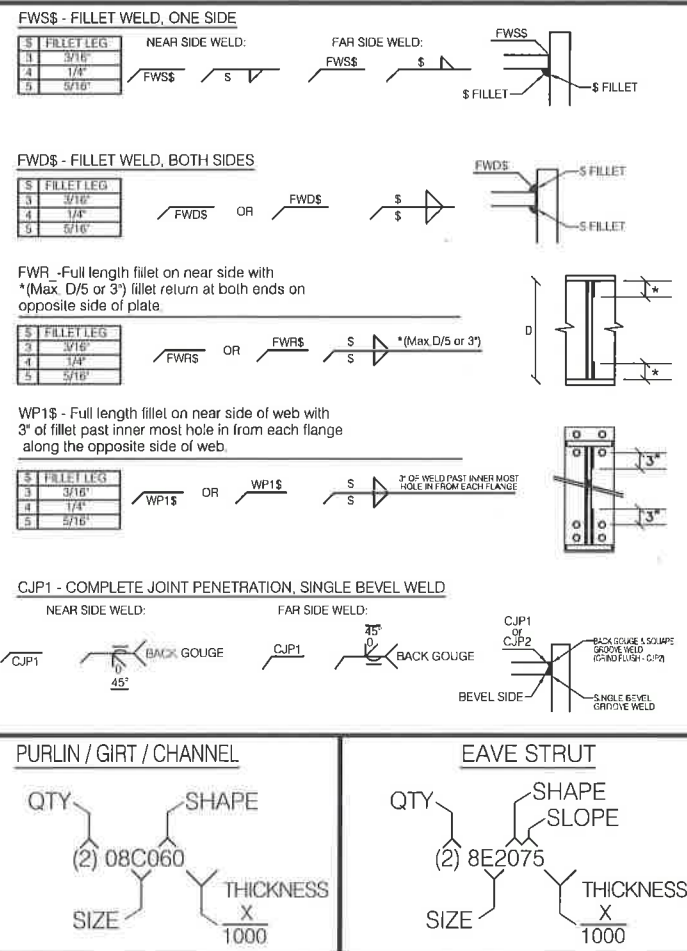
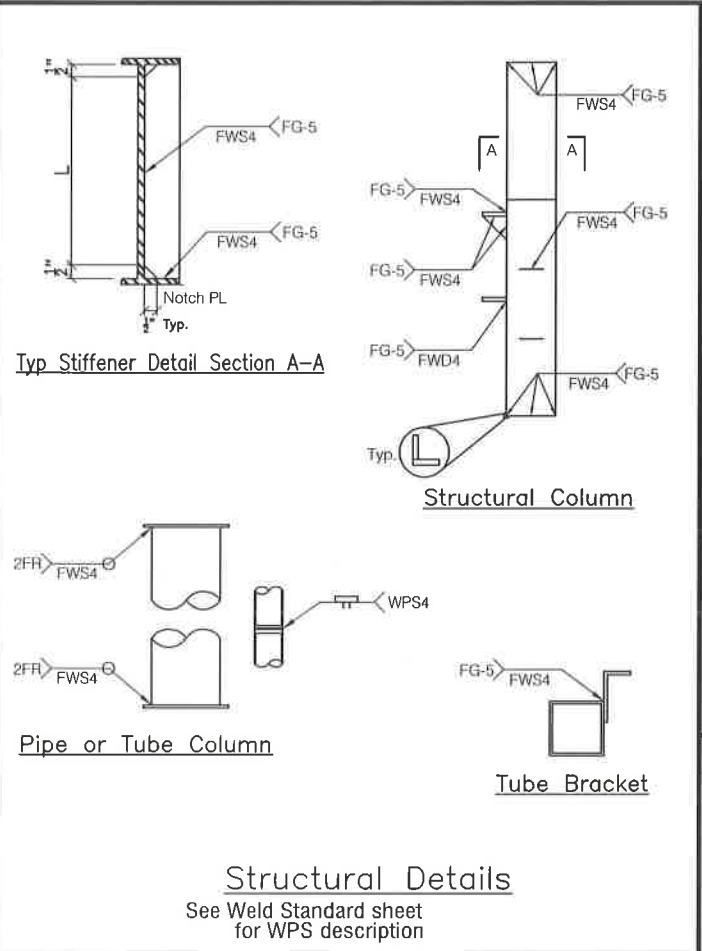
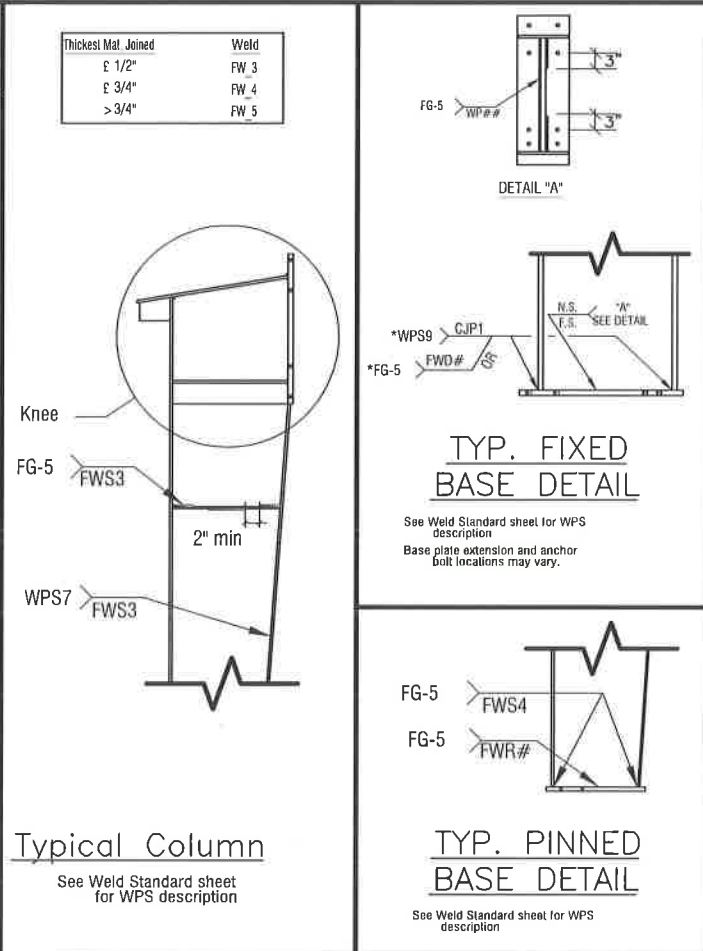
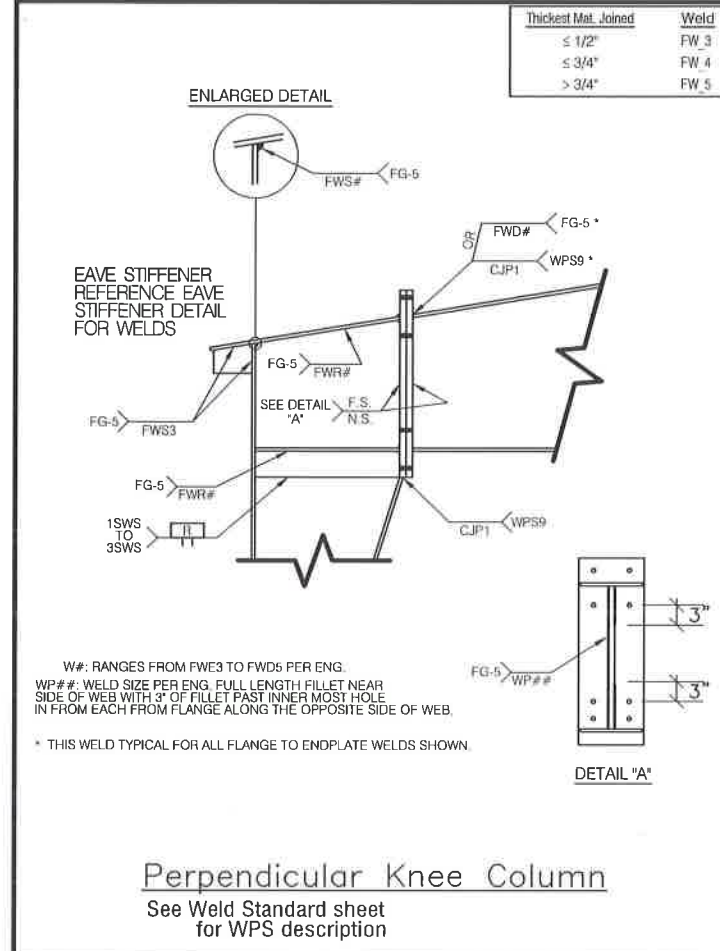
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SHEET
 C2 of 3

STANDARD WELDS AND LEGEND

DATE: 04/15/16
 RHW CDS
 GRJ RHW CDS
 PMG CDS
 Anchor Bolt Plans for Const.
 Permit Drawings



WPS #	Description	Weld Code	Process	Position	Limitation	Plant Location	
						UT	SC TX
FG-4	1/8" & 3/8" multi-pass fillet weld	AWSD1-1-10	GMAW (Shielded Metal Arc Weld)	1G	1/8" - 3/8"	X	X
FG-5	1/8" & 3/8" single-pass fillet weld	AWSD1-1-10	GMAW (Shielded Metal Arc Weld)	2F	1/8" - 1 1/2"	X	X
1GFG	1/8" through 1" flange splice	AWSD1-1-10	GMAW (Shielded Metal Arc Weld)	1G	3/8" - 1"	X	X
2GFG	1/8" flange splice	AWSD1-1-10	GMAW (Shielded Metal Arc Weld)	1G	3/8" - 1"	X	X
3GFG	1/2" to 1" flange splice	AWSD1-1-10	GMAW (Shielded Metal Arc Weld)	1G-2F	Groove, Tee, Flange, Lap	X	X
2036	1/2" to 1" flange splice	AWSD1-1-10	GMAW (Shielded Metal Arc Weld)	1G-2F	Groove, Tee, Flange, Lap	X	X
5GFG	1" flange splice	AWSD1-1-10	GMAW (Shielded Metal Arc Weld)	1G-2F	Groove, Tee, Flange, Lap	X	X
1SWS	web splice for 0.275" through 0.313" thick	AWSD1-1-10	SAW (0.275-0.313" Web Splice)	1G	0.275 - 0.313	X	X
2SWS	web splice for 0.125" through 0.150" thick	AWSD1-1-10	SAW (0.125-0.150" Web Splice)	1G	0.125 - 0.150	X	X
3SWS	web splice for 0.175" through 0.250" thick	AWSD1-1-10	SAW (0.175-0.250" Web Splice)	1G	0.175 - 0.250	X	X
2038	web splice for 0.375" through 0.500" thick	AWSD1-1-10	SAW (0.375-0.500" Web Splice)	1G	0.375 - 0.500	X	X
2FR	pipe to endplate weld	AWSD1-1-10	GMAW (Pipe-to-Endplate Weld)	2F ROTATED	6" Dia. to 12" Dia.	X	X
FBG-1	Rod to plate/angle weld	AWSD1-1-10	GMAW (Rod-to-Plate Weld)	1G	Diameter 1/2" to 1"	X	X
WPS4	pipe splice for 0.134" through 0.375" thick	AWSD1-1-10	GMAW (Pipe Splice)	1G ROTATED	Diameter 1/2" to 1"	X	X
WPS5	pipe splice for 0.375" through 0.500" thick	AWSD1-1-10	GMAW (Pipe Splice)	1G ROTATED	Diameter 1/2" to 1"	X	X
WPS6	wide-flange beam splice, all sizes	AWSD1-1-10	GMAW (Wide-Flange Beam Splice)	1G	0.313 - 1.50	X	X
WPS7	flange to web weld made by autowelder using 0.062" electrode	AWSD1-1-10	SAW (Autowelder Weld)	2F	0.175 - 1.00	X	X
WPS8	flange to web weld made by autowelder using 0.052" electrode	AWSD1-1-10	SAW (Small Autowelder Weld)	2F	0.135 - 1.00	X	X
WPS9	complete penetration groove weld for tee connection, 1/8" thick	AWSD1-1-10	GMAW (Flange to endplate weld)	1G	0.375 - 1.00	X	X
WPS11	vertical tack-fillet	AWSD1-1-10	GMAW (Vertical tack-fillet)	YES	0.125 - Unlimited	X	X
WPS-1	Cold-Form seam stitch weld	AWSD1-3-08	GMAW (CF seam stitch weld)	POR	0.0525 - 0.210	X	X
WPS-1a	Cold-Form seam stitch weld (galvanized)	AWSD1-3-08	GMAW (CF seam stitch weld)	POR	0.0525 - 0.210	X	X
WPS-2	Cold-Form seam weld	AWSD1-3-08	GMAW (CF seam weld)	POR	11 - 0.0625" - 0.215" - 0.215"	X	X
WPS-2a	Cold-Form seam weld (galvanized)	AWSD1-3-08	GMAW (CF seam weld)	POR	11 - 0.0625" - 0.215" - 0.215"	X	X
WPS-3	cold-form seam weld to support steel 1/8" thick (galvanized)	AWSD1-3-08	GMAW (CF seam weld to support steel)	POR	11 - 0.0625" - 0.215" - 0.215"	X	X
WPS-3a	cold-form seam weld to support steel 1/8" thick (galvanized)	AWSD1-3-08	GMAW (CF seam weld to support steel)	POR	11 - 0.0625" - 0.215" - 0.215"	X	X
WPS-4	cold-form tee connection fillet weld	AWSD1-3-08	GMAW (CF tee fillet weld)	POR	11 - 0.0625" - 0.215" - 0.215"	X	X
WPS-4a	cold-form tee connection fillet weld (galvanized)	AWSD1-3-08	GMAW (CF tee fillet weld)	POR	11 - 0.0625" - 0.215" - 0.215"	X	X
WPS-5	cold-form tee connection fillet weld to support steel >= 0.313" thick	AWSD1-3-08	GMAW (CF tee fillet to support steel)	POR	11 - 0.0625" - 0.215" - 0.215"	X	X
WPS-5a	cold-form tee connection fillet weld to support steel >= 0.313" thick (galvanized)	AWSD1-3-08	GMAW (CF tee fillet to support steel)	POR	11 - 0.0625" - 0.215" - 0.215"	X	X
WPS-6	cold-form lap fillet weld	AWSD1-3-08	GMAW (CF lap fillet weld)	POR	11 - 0.0625" - 0.215" - 0.215"	X	X
WPS-6a	cold-form lap fillet weld (galvanized)	AWSD1-3-08	GMAW (CF lap fillet weld)	POR	11 - 0.0625" - 0.215" - 0.215"	X	X
WPS-7	cold-form lap fillet weld to support steel >= 0.313" thick	AWSD1-3-08	GMAW (CF lap fillet to support steel)	POR	11 - 0.0625" - 0.215" - 0.215"	X	X
WPS-7a	cold-form lap fillet weld to support steel >= 0.313" thick (galvanized)	AWSD1-3-08	GMAW (CF lap fillet to support steel)	POR	11 - 0.0625" - 0.215" - 0.215"	X	X

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 MCKEES ROCKS, PA 15136
 PHONE: (888) 449-7756

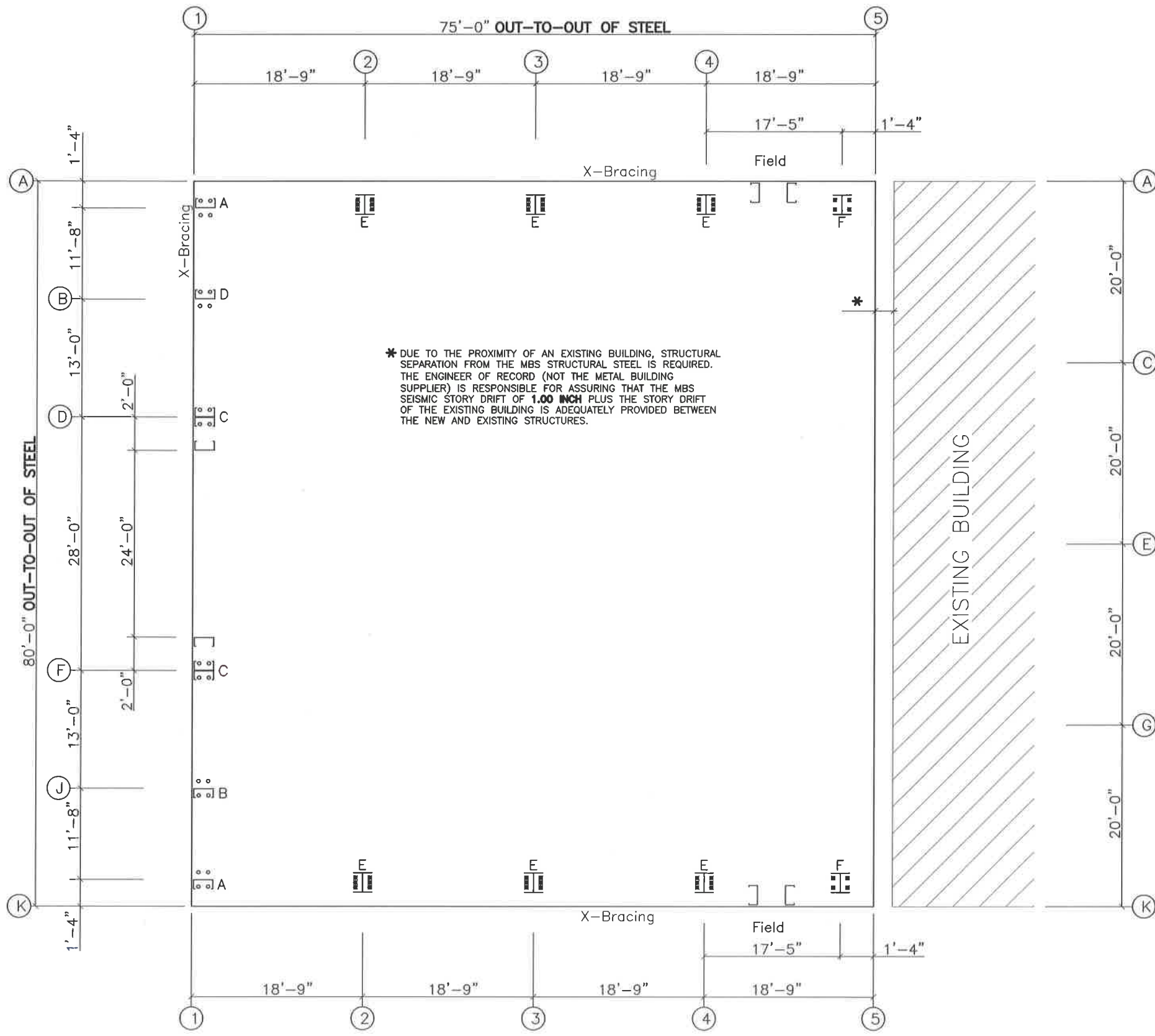
PROJECT NAME
 ROUTT COUNTY ROAD & BRIDGE
 OAK CREEK CO

CUSTOMER NAME
 ROUTT COUNTY ROAD & BRIDGE
 STEAMBOAT SPRINGS CO

JOB NUMBER
 U1600196A

SHEET TITLE
 SHEET C3 of 3

PROFESSIONAL ENGINEER
 COLORADO LICENSED
 49599



ANCHOR BOLT PLAN
 NOTE: All Base Plates @ 100'-0" (U.N.)

○ Dia= 3/4"
 ⊗ Dia=1"

ANCHOR BOLT SUMMARY				
Qty	Locate	Dia (in)	Type	Proj (in)
○ 24	Endwall	3/4"	F1554	3.00
⊗ 44	Frame	1"	F1554	3.00

ANCHOR BOLT PLAN

GENERAL NOTES

1. THE SPECIFIED ANCHOR ROD DIAMETER ASSUMES F1554 GRADE 55 UNLESS NOTED OTHERWISE. ANCHOR ROD MATERIAL OF EQUAL DIAMETER MEETING OR EXCEEDING THE STRENGTH REQUIREMENTS SET FORTH ON THESE DRAWINGS MAY BE UTILIZED AT THE DISCRETION OF THE FOUNDATION DESIGN ENGINEER. ANCHOR ROD EMBEDMENT LENGTH SHALL BE DETERMINED BY THE FOUNDATION DESIGN ENGINEER.
2. METAL BUILDING MANUFACTURER IS NOT RESPONSIBLE FOR PROJECT FOUNDATION DESIGN. THE FOUNDATION DESIGN IS THE RESPONSIBILITY OF A REGISTERED PROFESSIONAL ENGINEER, FAMILIAR WITH LOCAL SITE CONDITIONS.
3. ALL ANCHOR RODS, FLAT WASHERS FOR ANCHOR RODS, EXPANSION BOLTS, AS WELL AS ALL CONCRETE/MASONRY EMBEDMENT PLATES ARE NOT BY METAL BUILDING MANUFACTURER.
4. THIS DRAWING IS NOT TO SCALE.
5. FINISHED FLOOR ELEVATION = 100'-0" UNLESS NOTED OTHERWISE.
6. "SINGLE" CEE COLUMNS SHALL BE ORIENTED WITH THE "TOES" TOWARD THE LOW EAVE UNLESS NOTED OTHERWISE.
7. ANCHOR RODS ARE REQUIRED ONLY IN THE QUANTITIES SPECIFIED. BASEPLATES MAY BE FABRICATED WITH MORE HOLES THAN NEEDED FOR THIS PROJECT.
8. THE ANCHOR BOLT LOCATIONS PROVIDED BY METAL BUILDING MANUFACTURER SATISFY PERTINENT REQUIREMENTS FOR THE DESIGN OF THE MATERIALS SUPPLIED BY THE METAL BUILDING MANUFACTURER. PLEASE NOTE THAT THESE REQUIREMENTS MAY NOT SATISFY ALL ANCHOR BOLT CONCRETE EDGE DISTANCE REQUIREMENTS DEPENDING ON THE DETAILS OF THE FOUNDATION DESIGN. BECAUSE FOUNDATION DESIGN IS NOT WITHIN THE METAL BUILDING MANUFACTURER'S SCOPE OF WORK, IT IS THE RESPONSIBILITY OF THE QUALIFIED PROFESSIONAL DESIGNING THE FOUNDATION TO MAKE CERTAIN THAT SUFFICIENT CONCRETE EDGE DISTANCE IS PROVIDED FOR THE ANCHOR BOLTS IN THE DETAILS OF THE FOUNDATION DESIGN.

DATE	BY	CHKD	DATE
04/15/16	CDS	CDS	04/15/16
04/15/16	RHW	RHW	04/15/16

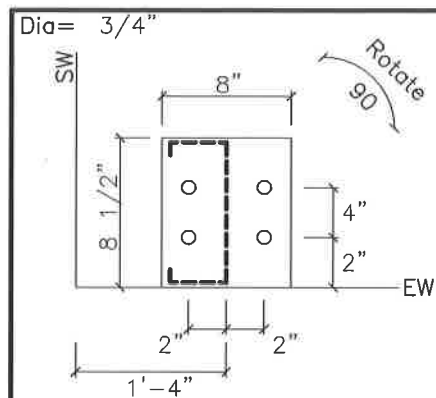
Anchor Bolt Plans for Const. Permit Drawings
 OLYMPIA STEEL BUILDING SYSTEMS
 400 ISLAND AVENUE
 MCKEES ROCKS, PA 15136
 PHONE: (888) 449-7756

PROJECT NAME
 ROUTT COUNTY ROAD & BRIDGE
 OAK CREEK CO
 CUSTOMER NAME
 ROUTT COUNTY ROAD & BRIDGE
 STEAMBOAT SPRINGS CO
 JOB NUMBER
 U1600196A
 SHEET TITLE

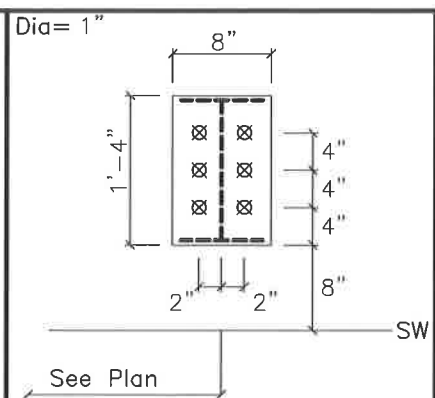


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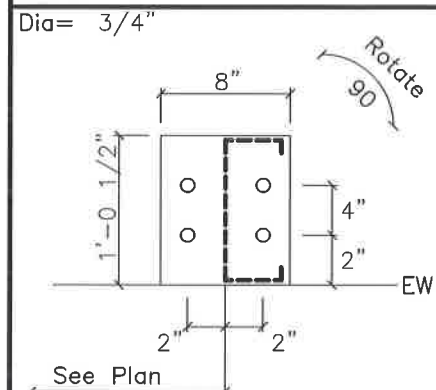
SHEET
 F1 of 2



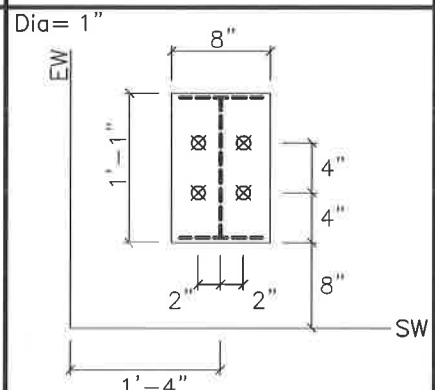
DETAIL A



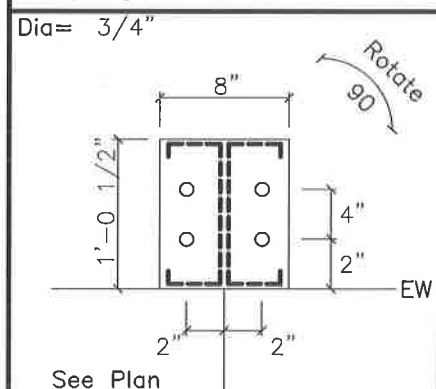
DETAIL E



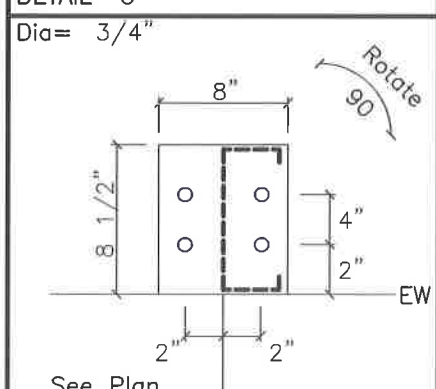
DETAIL B



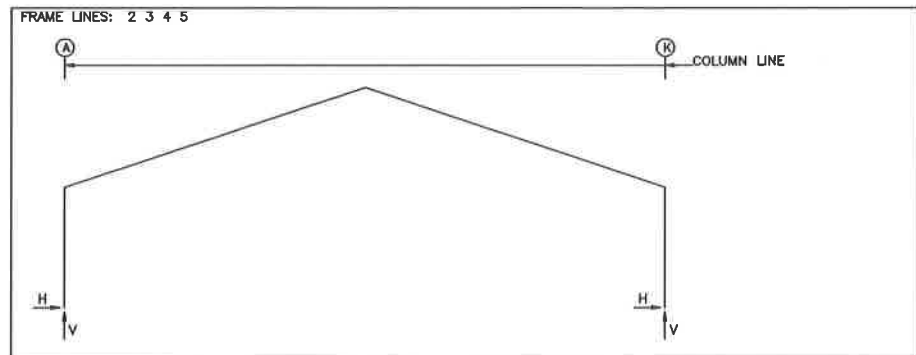
DETAIL F



DETAIL C



DETAIL D



RIGID FRAME: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc. Bolt Qty	Bolt Dia	Base Plate (in) Width	Base Plate (in) Length	Thick	Elev. (in)
2*	A	6	1.000	8.000	16.000	0.375	0.0
2*	K	6	1.000	8.000	16.000	0.375	0.0
2* Frame lines: 2 3 4							

RIGID FRAME: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc. Bolt Qty	Bolt Dia	Base Plate (in) Width	Base Plate (in) Length	Thick	Elev. (in)
5	A	4	1.000	8.000	13.000	0.375	0.0
5	K	4	1.000	8.000	13.000	0.375	0.0

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead	Collat	Live	Snow	Wind Left1	Wind Right1	Wind Left2	Wind Right2	Wind Press	Wind Suct	Wind Long1	Wind Long2
1	A	0.4	0.1	1.2	2.7	-1.0	-0.9	-0.8	-0.7	-0.8	1.1	-0.9	-0.5
1	B	0.8	0.1	1.9	4.1	-3.2	-1.7	-3.7	-1.6	-2.0	2.2	-1.9	-1.1
1	D	1.6	0.3	4.9	10.7	-5.5	-3.0	-3.2	-3.3	-3.9	4.3	-2.9	-1.7
1	F	1.6	0.3	4.9	10.7	-2.5	-4.0	-2.1	-4.3	-3.9	4.3	-2.9	-1.7
1	J	0.6	0.1	1.9	4.1	-1.9	-2.7	-2.1	-2.6	-2.0	2.2	-1.9	-1.1
1	K	0.4	0.1	1.2	2.7	-1.2	-1.0	-1.4	-0.9	-0.8	1.1	-0.9	-0.5

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Sels Left	Sels Right	-MIN_SNOW	E1UNB_SL_L	E1UNB_SL_R	-LWIND1_L	-LWIND1_R
1	A	0.1	0.6	0.0	4.8	0.0	2.9	0.0
1	B	-0.7	0.1	0.0	7.4	0.0	3.1	0.0
1	D	0.6	-0.6	0.0	19.2	0.0	14.8	0.0
1	F	0.4	-0.4	0.0	19.2	0.0	14.8	0.0
1	J	-0.3	0.3	0.0	7.4	0.0	3.1	0.0
1	K	0.0	0.0	0.0	4.8	0.0	2.9	0.0

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	-LWIND2_L	-LWIND2_R
1	A	0.0	-0.3
1	B	0.0	-0.6
1	D	0.0	0.1
1	F	0.0	0.0
1	J	0.0	0.0
1	K	0.0	-0.4

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column	Dead	Collateral	Live	Snow	Wind Left1	Wind Right1
5	A	1.7	3.1	0.3	0.4	5.7	8.4
5	K	-1.7	3.1	-0.3	0.4	-5.7	8.4

Frame Line	Column	Wind Left2	Wind Right2	Wind Long1	Wind Long2	Seismic Left	Seismic Right
5	A	-4.6	-5.3	-1.7	-3.6	-2.9	-7.6
5	K	1.7	-3.6	4.8	-5.3	3.7	-6.8

Frame Line	Column	MIN_SNOW	LWIND1_L2E	LWIND1_R2E	LWIND2_L2E	LWIND2_R2E	F1UNB_SL_L	F1UNB_SL_R
5	A	22.2	33.1	0.0	0.0	-0.2	-0.1	11.0
5	K	-22.2	33.1	0.0	0.0	-0.1	-0.8	11.2

Frame Line	Column	Dead	Collateral	Live	Snow	Wind Left1	Wind Right1
2*	A	2.9	5.1	0.6	0.8	10.5	15.7
2*	K	-2.9	5.1	-0.6	0.8	-10.5	15.7

Frame Line	Column	Wind Left2	Wind Right2	Wind Long1	Wind Long2	Seismic Left	Seismic Right
2*	A	-7.1	-6.2	-1.3	-3.9	-4.9	-11.1
2*	K	1.3	-3.9	7.1	-6.2	4.9	-11.1

Frame Line	Column	MIN_SNOW	LWIND1_L2E	LWIND1_R2E	LWIND2_L2E	LWIND2_R2E	F2UNB_SL_L	F2UNB_SL_R
2*	A	41.3	61.8	0.1	-1.5	-0.4	-0.3	20.4
2*	K	-41.3	61.8	0.4	-0.3	-0.1	-1.5	20.9

Frame Line	Column	Dead	Collateral	Live	Snow	Wind Left1	Wind Right1
2*	A	2.9	5.1	0.6	0.8	10.5	15.7
2*	K	-2.9	5.1	-0.6	0.8	-10.5	15.7

Frame Line	Column	Wind Left2	Wind Right2	Wind Long1	Wind Long2	Seismic Left	Seismic Right
2*	A	-7.1	-6.2	-1.3	-3.9	-4.9	-11.1
2*	K	1.3	-3.9	7.1	-6.2	4.9	-11.1

Frame Line	Column	MIN_SNOW	LWIND1_L2E	LWIND1_R2E	LWIND2_L2E	LWIND2_R2E	F2UNB_SL_L	F2UNB_SL_R
2*	A	41.3	61.8	0.1	-1.5	-0.4	-0.3	20.3
2*	K	-41.3	61.8	0.4	-0.3	-0.1	-1.5	20.9

ENDWALL COLUMN: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc. Bolt Qty	Bolt Dia	Base Plate (in) Width	Base Plate (in) Length	Thick	Elev. (in)
1	A	4	0.750	8.000	8.500	0.375	0.0
1	B	4	0.750	8.000	8.500	0.375	0.0
1	D	4	0.750	8.000	12.50	0.375	0.0
1	F	4	0.750	8.000	12.50	0.375	0.0
1	J	4	0.750	8.000	12.50	0.375	0.0
1	K	4	0.750	8.000	8.500	0.375	0.0

BUILDING BRACING REACTIONS

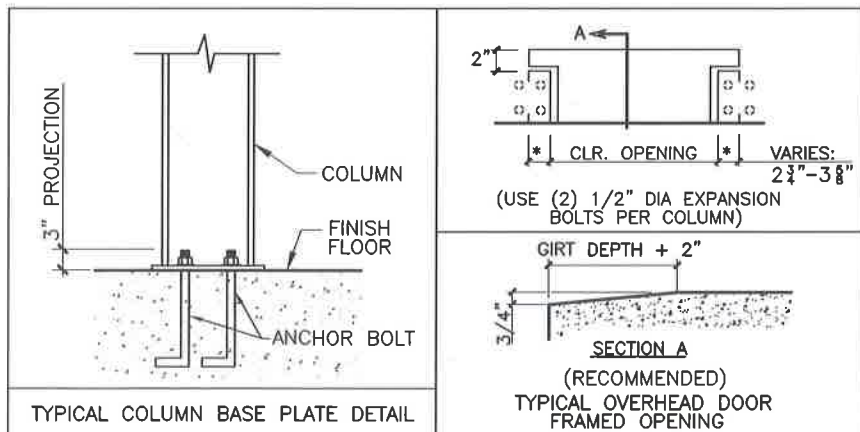
Loc	Wall	Col Line	± Reactions (k)	Panel Shear (lb/ft)
			Wind	Seis
L_EW	1	A,B	2.2	3.4
F_SW	K	3,4	6.2	4.6
R_EW	5		6.4	4.8
B_SW	A	4,3	6.2	4.6

GENERAL NOTES

- ALL LOADING CONDITIONS ARE EXAMINED. THE MAXIMUM AND MINIMUM HORIZONTAL (H) AND VERTICAL (V) REACTIONS AND THE CORRESPONDING VERTICAL (V) OR HORIZONTAL (H) REACTIONS ARE REPORTED.
- REACTIONS ARE PROVIDED BY LOAD CASE IN ORDER TO AID THE FOUNDATION ENGINEER IN DETERMINING THE APPROPRIATE LOAD FACTORS AND COMBINATION TO BE USED WITH EITHER WORKING STRESS OR ULTIMATE STRENGTH DESIGN METHODS. WIND LOAD CASES ARE GIVEN FOR EACH PRIMARY WIND DIRECTION.
- FOR ASCE7-10 BASED BUILDING CODES THE UNFACTORED LOAD CASE REACTIONS DUE TO WIND ARE GENERATED USING ULTIMATE DESIGN WIND SPEEDS (Vult).
- POSITIVE (+) REACTIONS ARE AS SHOWN ABOVE. FOUNDATION LOADS ARE IN OPPOSITE DIRECTIONS.
- BRACING REACTIONS ARE IN THE PLANE OF THE BRACE WITH THE HORIZONTAL REACTION (H) ACTING AWAY FROM THE BRACED BAY AND THE VERTICAL REACTION (V) ACTING DOWNWARD.

***** RIGID FRAME LOAD CASE ABBREVIATIONS: *****
 Wind_L1/Wind_R1: LATERAL WIND FROM THE LEFT/RIGHT, CASE 1
 Wind_L2/Wind_R2: LATERAL WIND FROM THE LEFT/RIGHT, CASE 2
 Wind_Ln1/Wind_Ln2: LONGITUDINAL WIND, CASE 1/2
 Seismic_L/Seismic_R: LATERAL SEISMIC LOAD FROM LEFT/RIGHT
 LWIND#_L/E/LWIND#_R/E: LONGITUDINAL WIND EDGE ZONES
 F#UNB_SL_L/F#UNB_SL_R: UNBALANCED ROOF SNOW WITH WIND FROM LEFT/RIGHT
 F#PAT_LL/F#PAT_SL #: PARTIAL LIVE/SNOW LOADING FOR CONTINUOUS BEAM SYSTEMS

***** ENDWALL COLUMN LOAD CASE ABBREVIATIONS: *****
 Collat: COLLATERAL LOAD
 Rafter Wind_L/Rafter Wind_R: LATERAL WIND FROM THE LEFT/RIGHT
 Brace Wind_L/Brace Wind_R: LATERAL WIND FROM THE LEFT/RIGHT
 Wind_P/Wind_S: LONGITUDINAL WIND PRESSURE/SUCTION ON COLUMNS
 Wind_Ln: LONGITUDINAL WIND SUCTION ON ROOF
 Seis_L/Seis_R: LATERAL SEISMIC LOAD FROM LEFT/RIGHT
 E#UNB_SL_L/E#UNB_SL_R: UNBALANCED ROOF SNOW WITH WIND FROM LEFT/RIGHT
 E#PAT_LL/E#PAT_SL #: PARTIAL LIVE/SNOW LOADING FOR CONTINUOUS BEAM SYSTEMS



FOUNDATION DESIGN NOTES:

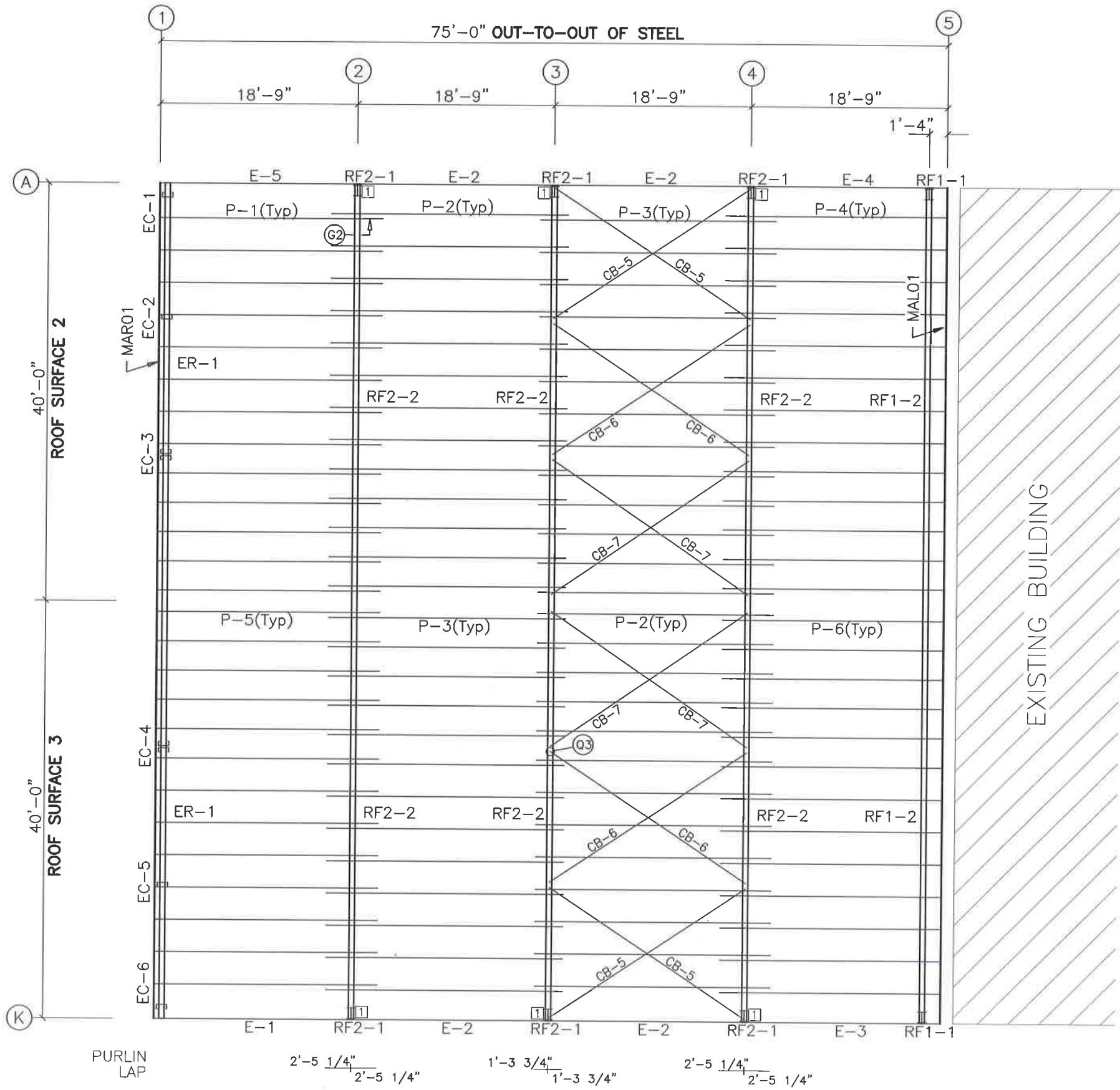
- THE ORIENTATION OF THE ANCHOR BOLT DETAILS SHOWN ON THIS PAGE MAY NOT COINCIDE WITH THE ACTUAL COLUMN ORIENTATION SHOWN ON PAGE F1. PLEASE REFERENCE THE SIDEWALL (SW) AND ENDWALL (EW) STEEL LINES SHOWN ON THE ANCHOR BOLT DETAILS WITH THE ANCHOR BOLT PLAN ON PAGE F1 DURING LAYOUT OF COLUMN AND ANCHOR BOLT LOCATIONS.
- COLUMN BASE PLATES MAY HAVE MORE HOLES THAN ARE REQUIRED DUE TO PRODUCTION LIMITATIONS. PLEASE FOLLOW ANCHOR BOLT DETAILS FOR QUANTITY OF ANCHOR BOLTS REQUIRED. EXTRA BASE PLATE HOLES DO NOT NEED INFILLED PER THE MBS DESIGN SPECIFICATIONS.

PROJECT NAME: ROUNT COUNTY ROAD & BRIDGE
 OAK CREEK CO
 CUSTOMER NAME: ROUNT COUNTY ROAD & BRIDGE
 STEAMBOAT SPRINGS CO
 JOB NUMBER: U1600196A
 SHEET TITLE: SHEET
 SHEET NUMBER: F2 of 2
 DATE: 04/15/16
 DRAWN BY: RWH
 CHECKED BY: RWH
 PERMIT DRAWINGS: ANCHOR BOLT PLANS FOR CONST.

OLYMPIA STEEL BUILDING SYSTEMS
 400 ISLAND AVENUE
 MCKEES ROCKS, PA 15136
 PHONE: (888) 449-7756

PROFESSIONAL ENGINEER
 COLORADO LICENSED
 COLT DAVIS
 APR 18 2016
 49599

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ROOF FRAMING PLAN

TRIM TABLE			
ROOF PLAN			
ID	PART	LENGTH	DETAIL
1	RGA35	36.000	TRIM_3

MEMBER TABLE		
ROOF PLAN		
MARK	PART	LENGTH
P-1	08Z067	254.000
P-2	08Z067	270.000
P-3	08Z067	270.000
P-4	08Z067	254.000
P-5	08Z067	254.000
P-6	08Z067	254.000
E-1	08E3060	224.500
E-2	08E3060	224.500
E-3	08E3060	224.500
E-4	08E3060	224.500
E-5	08E3060	224.500
CB-5	RDB-	271.000
CB-6	RDB-	275.000
CB-7	RDB-	282.000

CONNECTION PLATES	
ROOF PLAN	
ID	MARK/PART
1	ESC02

ROOF SHEETING

PANELS: 26 Ga. CR
Polar White SP

ROOF FRAMING PLAN

GENERAL NOTES

- PLACE TAGGED END OF RAFTERS TOWARDS THE LOW EAVE.
- STD. ROD/CABLE SIZES PER PART PREFIX ARE:

ROD	CABLE
RDB- = 5/8" ROD	CAA- = 1/4" CABLE
RDC- = 3/4" ROD	CAB- = 3/8" CABLE
RDD- = 7/8" ROD	CAC- = 1/2" CABLE
RDE- = 1" ROD	
RDF- = 1 1/8" ROD	
RDG- = 1 1/4" ROD	
- PURLIN AND EAVE STRUT CONNECTIONS UTILIZE BOTH A307 AND A325 BOLTS. REFER TO THE DETAILS FOR SPECIFIC USAGE REQUIREMENTS.
- THIS DRAWING IS NOT TO SCALE.

<p>PROJECT NAME ROUTT COUNTY ROAD & BRIDGE</p> <p>CUSTOMER NAME OAK CREEK CO</p> <p>PROJECT ADDRESS ROUTT COUNTY ROAD & BRIDGE</p> <p>JOB NUMBER STEAMBOAT SPRINGS CO</p> <p>SHEET TITLE U1600196A</p>	<p>DATE 04/15/16</p> <p>DATE 04/15/16</p> <p>DATE 04/15/16</p> <p>DATE 04/15/16</p>	<p>ANCHOR BOLT PLANS FOR CONST.</p> <p>PERMIT DRAWINGS</p>	<p>OLYMPIA STEEL BUILDING SYSTEMS</p> <p>400 ISLAND AVENUE MCKEES ROCKS, PA 15136</p> <p>PHONE: (888) 449-7756</p>
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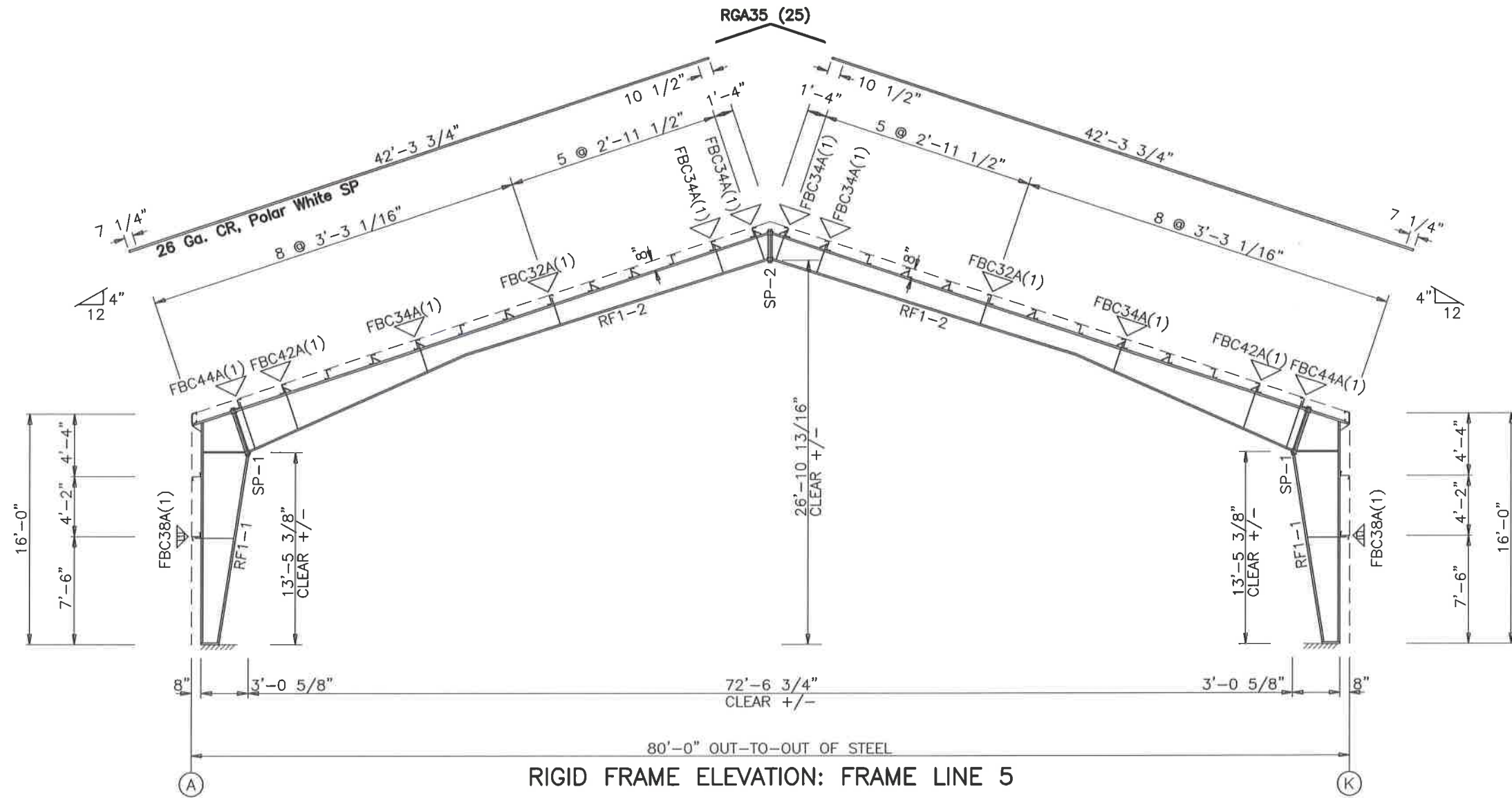
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SPLICE PLATE & BOLT TABLE									
Mark	Qty		Int	Type	Dia	Length	Width	Thick	Length
	Top	Bot							
SP-1	4	4	0	A325	0.750	3.00	6"	3/4"	3'-5 1/2"
SP-2	4	4	0	A325	0.625	2.25	6"	3/8"	2'-2 5/8"

MEMBER TABLE								
Mark	Web Depth		Web Plate		Outside Flange		Inside Flange	
	Start/End	Thick	Length	Thick	W x Thk x Length	W x Thk x Length	W x Thk x Length	
RF1-1	11.5/36.0	0.220	157.5		6 x 1/4" x 185.5	6 x 3/8" x 159.4		
RF1-2	36.0/24.0	0.250	36.1		6 x 5/16" x 33.6			
	34.5/15.0	0.220	198.3		6 x 1/4" x 470.1	6 x 3/8" x 199.2		
		0.125	271.8			6 x 1/4" x 265.4		

CONNECTION PLATES

ID	Mark/Part
1	FBT01



RIGID FRAME ELEVATION: FRAME LINE 5

GENERAL NOTES

- ▽ INDICATES FLANGE BRACING LOCATIONS. (1) = ONE SIDE; (2) = TWO SIDES.
- IF FLANGE BRACING IS REQUIRED ON BOTH SIDES OF AN EXPANDABLE RIGID FRAME, THE OPPOSITE SIDE FLANGE BRACES WILL HAVE TO BE INSTALLED AT THE TIME OF FUTURE EXPANSION. THESE FLANGE BRACES HAVE BEEN PROVIDED, AS REQUIRED, FOR THIS FUTURE CONDITION.
- RIGID FRAMES SHALL HAVE 50% OF THEIR BOLTS INSTALLED AND TIGHTENED ON BOTH SIDES OF THE WEB ADJACENT TO EACH FLANGE BEFORE THE HOISTING EQUIPMENT IS RELEASED.

DATE	BY	CHK	APP
04/15/16	PMG	GRJ	RHW
04/15/16	PMG	GRJ	RHW

Anchor Bolt Plans for Const. Permit Drawings

OLYMPIA STEEL BUILDING SYSTEMS
400 ISLAND AVENUE
MCKEES ROCKS, PA 15136
PHONE: (888) 449-7756

PROJECT NAME
ROUTT COUNTY ROAD & BRIDGE
OAK CREEK CO

CUSTOMER NAME
ROUTT COUNTY ROAD & BRIDGE
STEAMBOAT SPRINGS CO

JOB NUMBER
U1600196A

SHEET TITLE



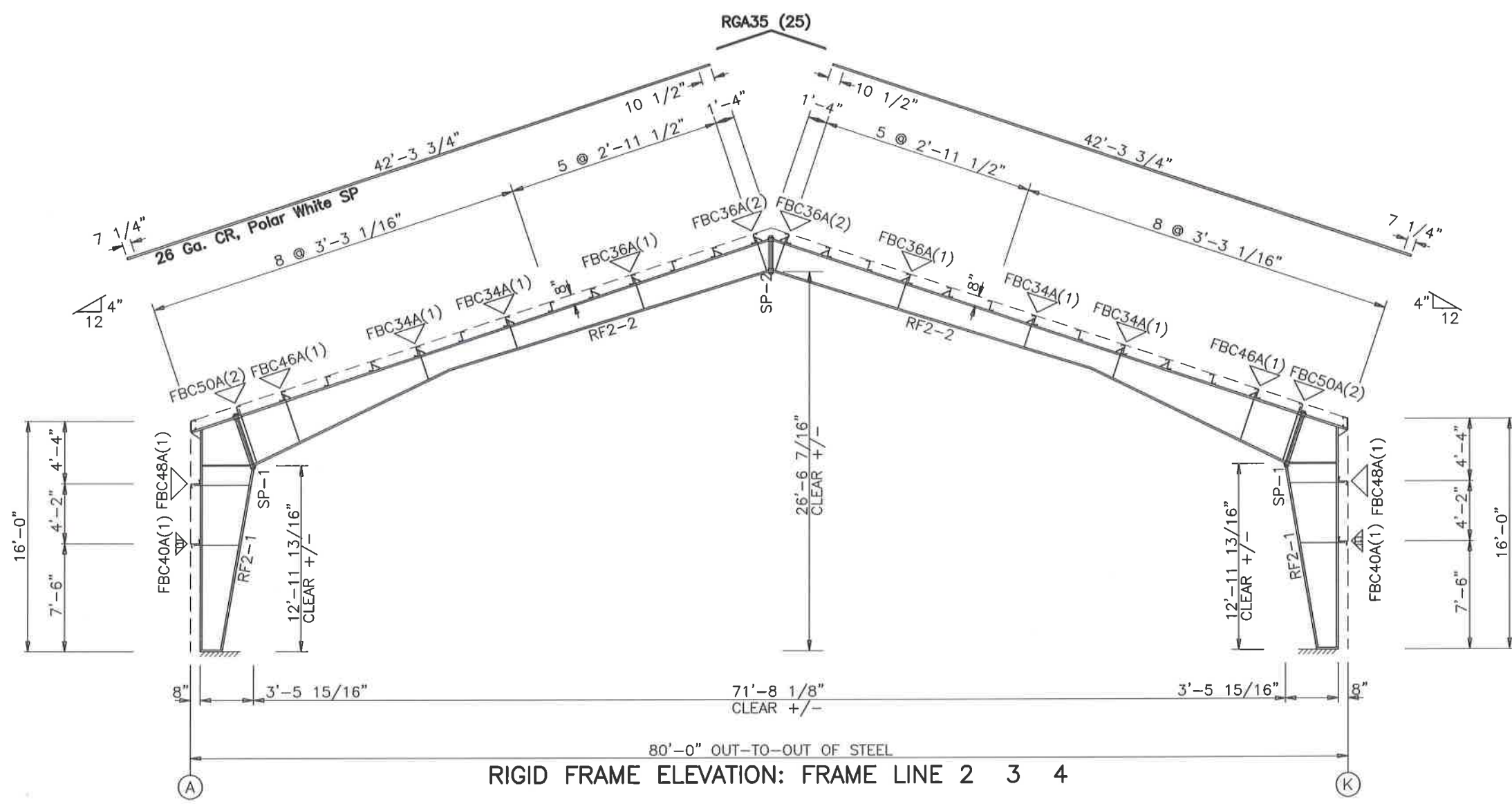
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E2 of 8

SPLICE PLATE & BOLT TABLE									
Mark	Qty		Int	Type	Dia	Length	Width	Thick	Length
	Top	Bot							
SP-1	4	4	0	A325	1.000	3.25	6"	3/4"	4'-1 3/4"
SP-2	4	4	0	A325	0.625	2.25	6"	3/8"	2'-6 7/8"

MEMBER TABLE						
Mark	Web Depth		Web Plate		Outside Flange	Inside Flange
	Start/End	Thick	Length	Length	W x Thk x Length	W x Thk x Length
RF2-1	15.0/41.0	0.275	151.3		6 x 5/16" x 185.5	6 x 5/8" x 153.4
RF2-2	41.0/26.6	0.313	43.1		6 x 3/8" x 36.4	
	41.0/17.0	0.275	180.5		6 x 5/16" x 467.2	6 x 5/8" x 182.0
	17.0/23.0	0.164	286.8			6 x 3/8" x 279.0

CONNECTION PLATES	
ID	Mark/Part
1	FBT01



RIGID FRAME ELEVATION: FRAME LINE 2 3 4

GENERAL NOTES

- ▽ INDICATES FLANGE BRACING LOCATIONS. (1) = ONE SIDE; (2) = TWO SIDES.
- IF FLANGE BRACING IS REQUIRED ON BOTH SIDES OF AN EXPANDABLE RIGID FRAME, THE OPPOSITE SIDE FLANGE BRACES WILL HAVE TO BE INSTALLED AT THE TIME OF FUTURE EXPANSION. THESE FLANGE BRACES HAVE BEEN PROVIDED, AS REQUIRED, FOR THIS FUTURE CONDITION.
- RIGID FRAMES SHALL HAVE 50% OF THEIR BOLTS INSTALLED AND TIGHTENED ON BOTH SIDES OF THE WEB ADJACENT TO EACH FLANGE BEFORE THE HOISTING EQUIPMENT IS RELEASED.

DATE	ISSUE	BY	CHK	APP
04/15/16				
04/15/16				

Anchor Bolt Plans for Const. Permit Drawings

OLYMPIA STEEL BUILDING SYSTEMS
400 ISLAND AVENUE
MCKEES ROCKS, PA 15136
PHONE: (888) 449-7756

PROJECT NAME
ROUTT COUNTY ROAD & BRIDGE

CUSTOMER NAME
OAK CREEK CO

CUSTOMER NAME
ROUTT COUNTY ROAD & BRIDGE

STEAMBOAT SPRINGS CO

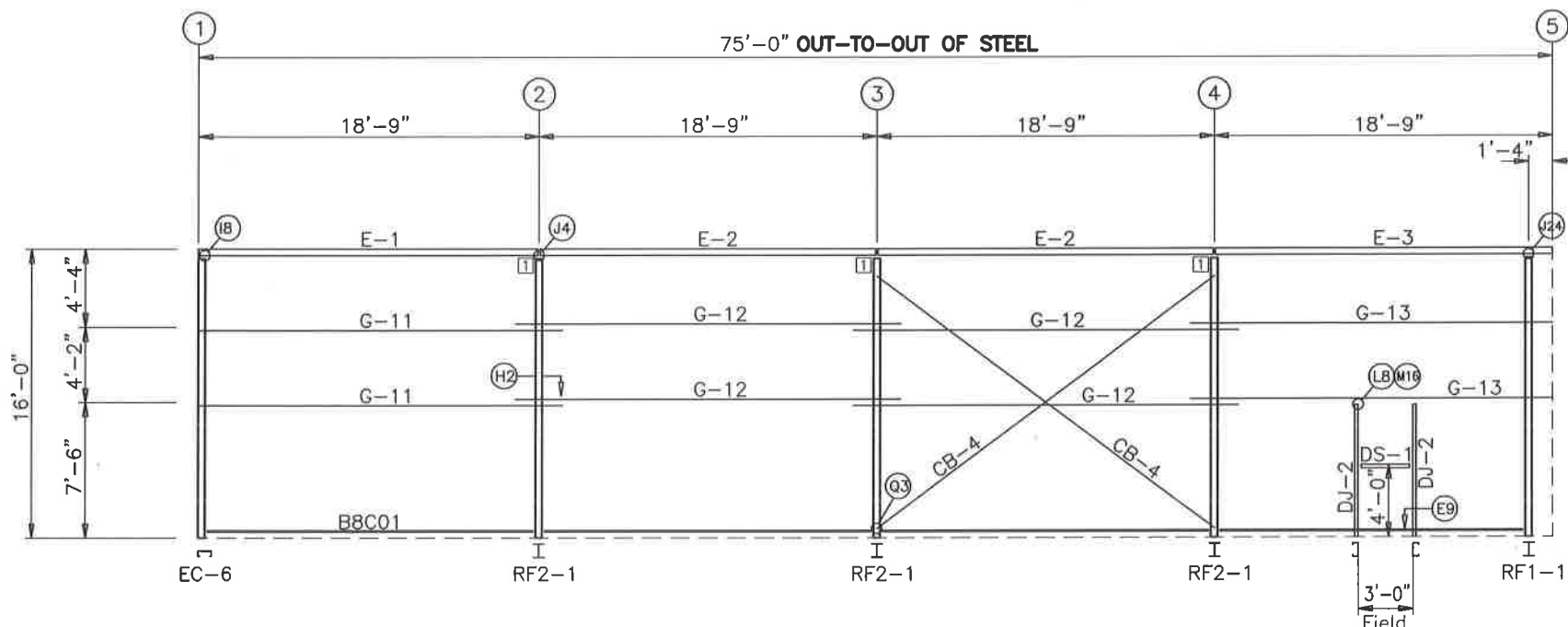
JOB NUMBER
U1600196A

SHEET TITLE



Approved for use on the project as shown on these drawings is the responsibility of the project engineer of record and shall not be construed as such.

SHEET
E3 of 8



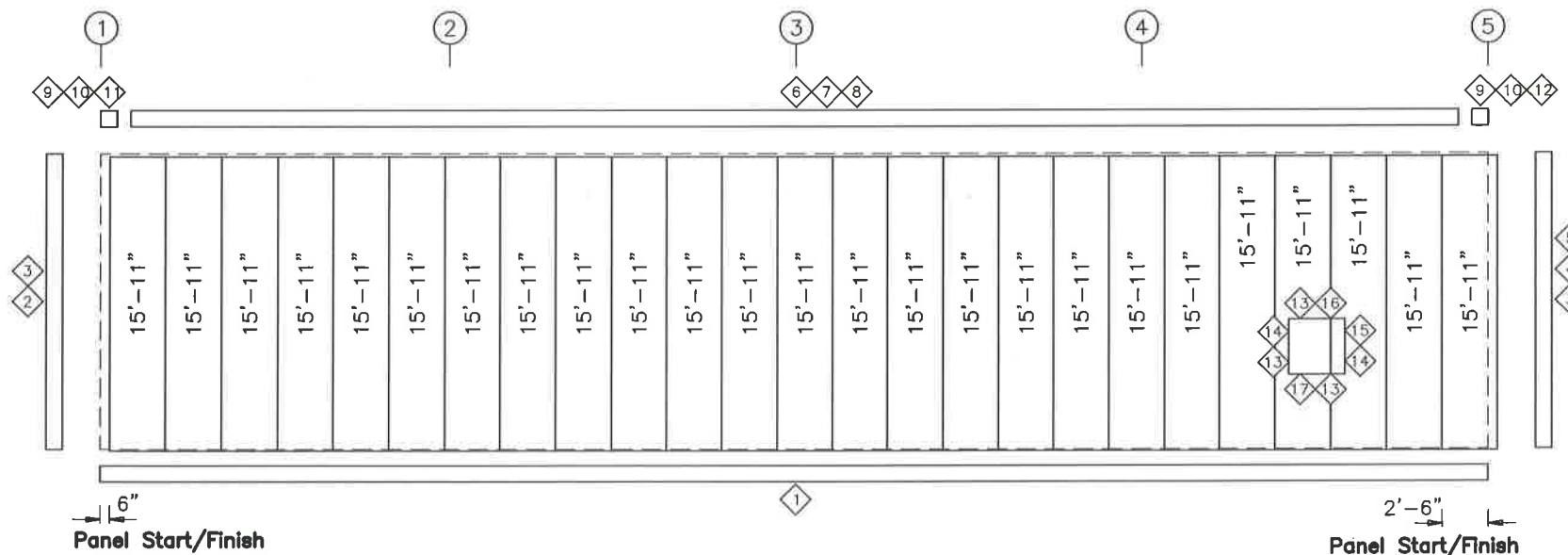
GIRT LAPS

1'-3 3/4" 1'-3 3/4"

1'-3 3/4" 1'-3 3/4"

1'-3 3/4" 1'-3 3/4"

SIDEWALL FRAMING: FRAME LINE K



SIDEWALL SHEETING & TRIM: FRAME LINE K

PANELS: 26 Ga. AW - Fox Gray SP

TRIM TABLE FRAME LINE K			
ID	PART	LENGTH	DETAIL
1	BSB01	122.000	TRIM_303
2	OCA01	242.000	TRIM_8
3	MFA01	121.000	TRIM_8
4	OCC01	121.000	TRIM_708
5	JTA121	121.000	TRIM_708
6	SET01	121.000	TRIM_850
7	CTA02	121.000	
8	CTA03	121.000	
9	H4000	5.000	
10	ERA01	8.060	
11	RCA01	9.250	
12	RCA02	9.250	
13	CCA121	121.000	TRIM_19
14	JTA087	87.000	TRIM_99
15	CCA121	Use Drop	TRIM_19
16	CCE044	44.000	TRIM_19
17	STA040	40.000	TRIM_99

MEMBER TABLE FRAME LINE K		
MARK	PART	LENGTH
DJ-2	J08C060	90.000
DS-1	J08C060	36.000
E-1	08E3060	224.500
E-2	08E3060	224.500
E-3	08E3060	224.500
G-11	08Z054	240.500
G-12	08Z054	256.500
G-13	08Z054	240.500
CB-4	RDB-	289.000

CONNECTION PLATES FRAME LINE K	
ID	MARK/PART
1	ESC02

SIDEWALL FRAMING PLAN

GENERAL NOTES

- STD. ROD/CABLE SIZES PER PART PREFIX ARE:

ROD	CABLE
RDB- = 5/8" ROD	CAA- = 1/4" CABLE
RDC- = 3/4" ROD	CAB- = 3/8" CABLE
RDD- = 7/8" ROD	CAC- = 1/2" CABLE
RDE- = 1" ROD	
RDF- = 1 1/8" ROD	
RDG- = 1 1/4" ROD	
- ROD/CABLE BRACING THAT OCCURS IN FLUSH OR INSET GIRT CONDITIONS WILL REQUIRE FIELD SLOTTING OF GIRT WEBS TO ALLOW FOR BRACING.
- FRAMED OPENINGS WHICH ARE FIELD LOCATED WILL REQUIRE FIELD CUTTING OF GIRTS AND SHEETING.
- THIS DRAWING IS NOT TO SCALE.

DATE	BY	CHKD	APP'D
04/15/16	CDS		
04/15/16	RHW		
04/15/16	GRU		
04/15/16	GRU		

Anchor Bolt Plans for Const.
Permit Drawings

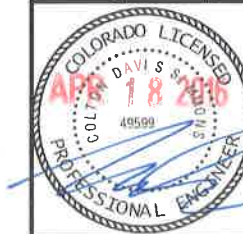
OLYMPIA STEEL BUILDING SYSTEMS
400 ISLAND AVENUE
MCKEES ROCKS, PA 15136
PHONE: (888) 448-7756

PROJECT NAME
ROUTT COUNTY ROAD & BRIDGE
OAK CREEK CO

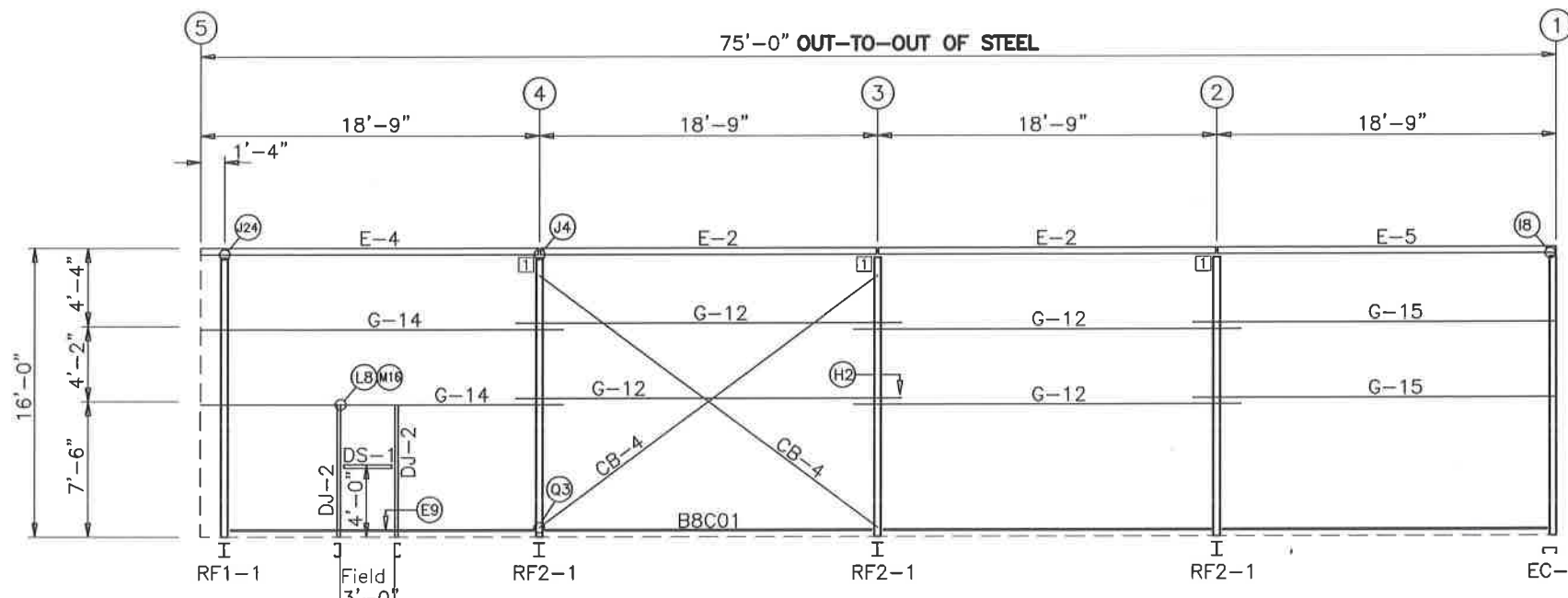
CUSTOMER NAME
ROUTT COUNTY ROAD & BRIDGE
STEAMBOAT SPRINGS CO

JOB NUMBER
U1600196A

SHEET TITLE
E4 of 8



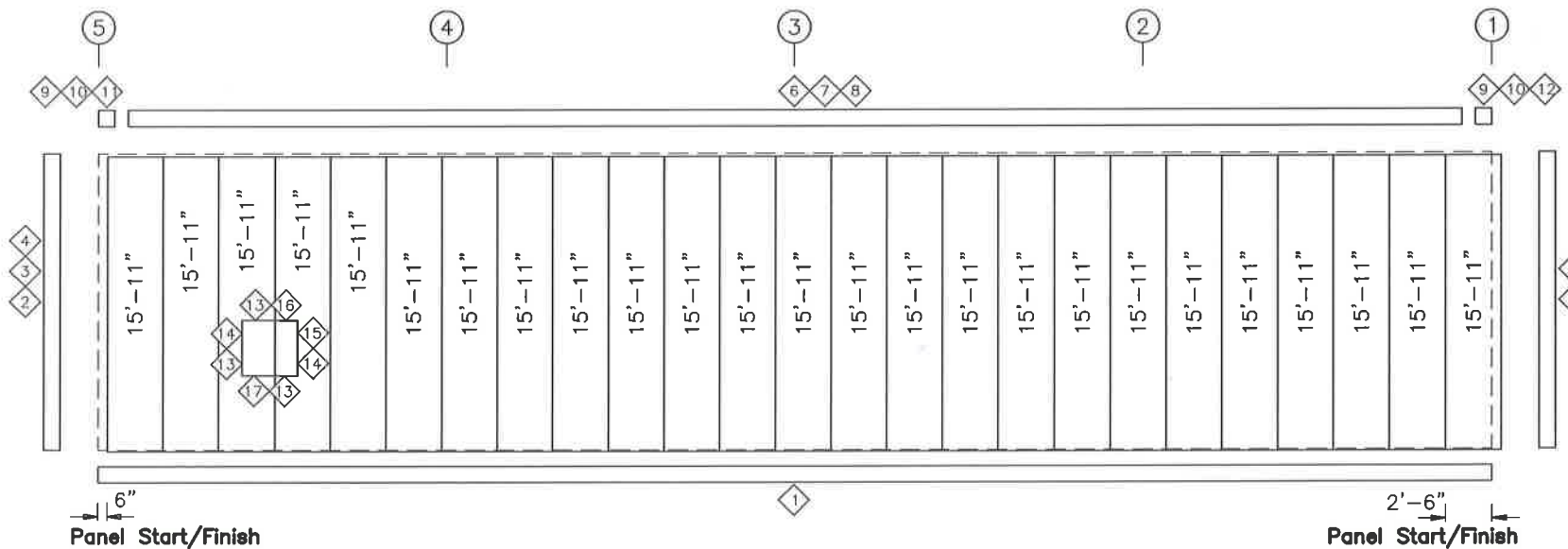
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GIRT LAPS

1'-3 3/4" 1'-3 3/4" 1'-3 3/4" 1'-3 3/4"

SIDEWALL FRAMING: FRAME LINE A



SIDEWALL SHEETING & TRIM: FRAME LINE A

PANELS: 26 Ga. AW - Fox Gray SP

TRIM TABLE FRAME LINE A			
ID	PART	LENGTH	DETAIL
1	BSB01	122.000	TRIM_303
2	MFA01	121.000	TRIM_8
3	OCC01	121.000	TRIM_708
4	JTA121	121.000	TRIM_708
5	OCA01	242.000	TRIM_8
6	SET01	121.000	TRIM_850
7	CTA02	121.000	
8	CTA03	121.000	
9	H4000	5.000	
10	ERA01	8.060	
11	RCA01	9.250	
12	RCA02	9.250	
13	CCA121	121.000	TRIM_19
14	JTA087	87.000	TRIM_99
15	CCA121	Use Drop	TRIM_19
16	CCE044	44.000	TRIM_19
17	STA040	40.000	TRIM_99

MEMBER TABLE FRAME LINE A		
MARK	PART	LENGTH
DJ-2	J08C060	90.000
DS-1	J08C060	36.000
E-2	08E3060	224.500
E-4	08E3060	224.500
E-5	08E3060	224.500
G-12	08Z054	256.500
G-14	08Z054	240.500
G-15	08Z054	240.500
CB-4	RDB-	289.000

CONNECTION PLATES FRAME LINE A	
ID	MARK/PART
1	ESC02

SIDEWALL FRAMING PLAN

GENERAL NOTES

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ROD	CABLE
RDB- = 5/8" ROD	CAA- = 1/4" CABLE
RDC- = 3/4" ROD	CAB- = 3/8" CABLE
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RDF- = 1 1/8" ROD	
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DATE	BY	CHKD	DATE
04/15/16	PMG	GRJ	RHW
04/15/16	PMG	GRJ	RHW

Anchor Bolt Plans for Const.
Permit Drawings

OLYMPIA STEEL BUILDING SYSTEMS
400 ISLAND AVENUE
MCKEES ROCKS, PA 15136
PHONE: (888) 448-7756

PROJECT NAME
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OAK CREEK CO

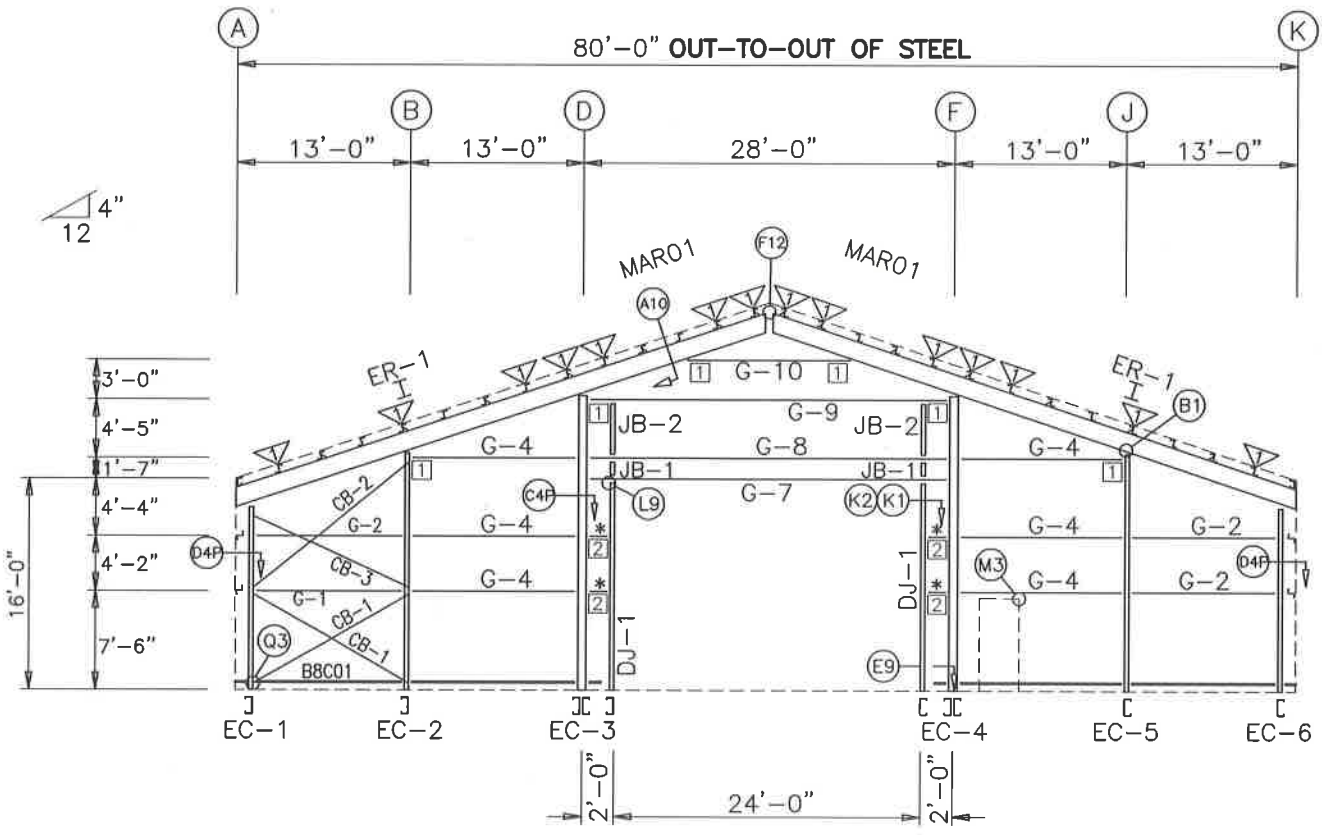
CUSTOMER NAME
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JOB NUMBER
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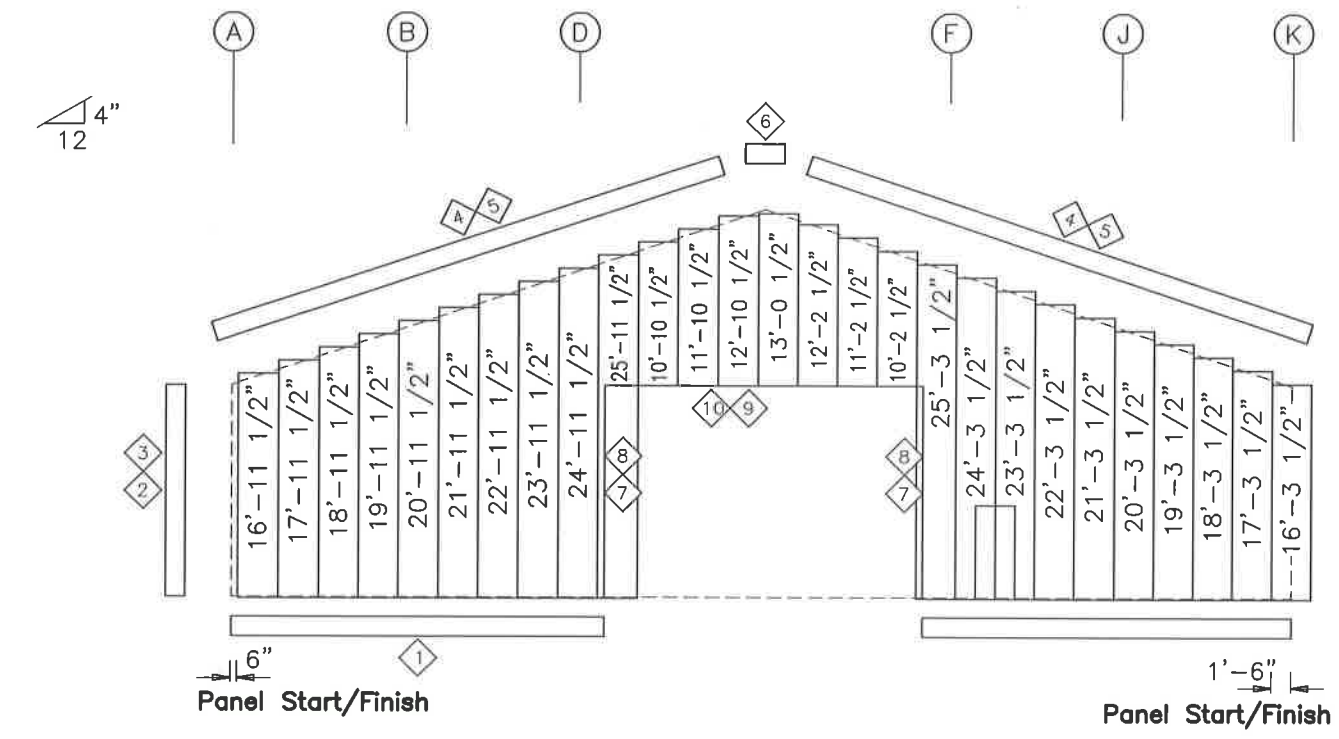


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SHEET
E5 of 8



ENDWALL FRAMING: FRAME LINE 1



ENDWALL SHEETING & TRIM: FRAME LINE 1
PANELS: 26 Ga. AW - Fox Gray SP

BOLT TABLE
FRAME LINE 1

LOCATION	QUAN	TYPE	DIA	LENGTH
ER-1/ER-1	8	A325	5/8"	2 1/4"
Columns/Raf	6	A325	1/2"	2"

TRIM TABLE
FRAME LINE 1

ID	PART	LENGTH	DETAIL
1	BSB01	122.000	TRIM_303
2	OCA01	242.000	TRIM_8
3	MFA01	121.000	TRIM_8
4	RTA01	121.000	TRIM_2
5	RTA02	242.000	TRIM_2
6	M1704	26.440	
7	CCA193	193.000	TRIM_19
8	JTA193	193.000	TRIM_98
9	CCA145	145.000	TRIM_19
10	HTA148	148.000	TRIM_98

FLANGE BRACE TABLE
FRAME LINE 1

ID	QUAN	MARK	LENGTH
1	14	FBC30	30.000

MEMBER TABLE
FRAME LINE 1

MARK	PART	LENGTH
EC-1	W08S075	176.250
EC-2	W08S105	222.938
EC-3	W12SD089	274.938
EC-4	W12SD089	274.938
EC-5	W12S075	222.938
EC-6	W08S075	176.250
ER-1	W1212525	505.688
DJ-1	J08C089	192.000
G-1	08Z075	131.500
G-2	08Z054	131.500
*	S8Z84	FIELD CUT
G-4	08Z054	147.500
G-7	08C089	327.500
G-8	08Z089	327.500
G-9	08Z099	327.500
G-10	08Z067	174.500
CB-1	RDB-	166.000
CB-2	RDB-	188.000
CB-3	RDB-	163.000
JB-1	J08C060	10.625
JB-2	J08C060	44.625

CONNECTION PLATES
FRAME LINE 1

ID	MARK/PART
1	GCR34gcb
2	JCA&P02

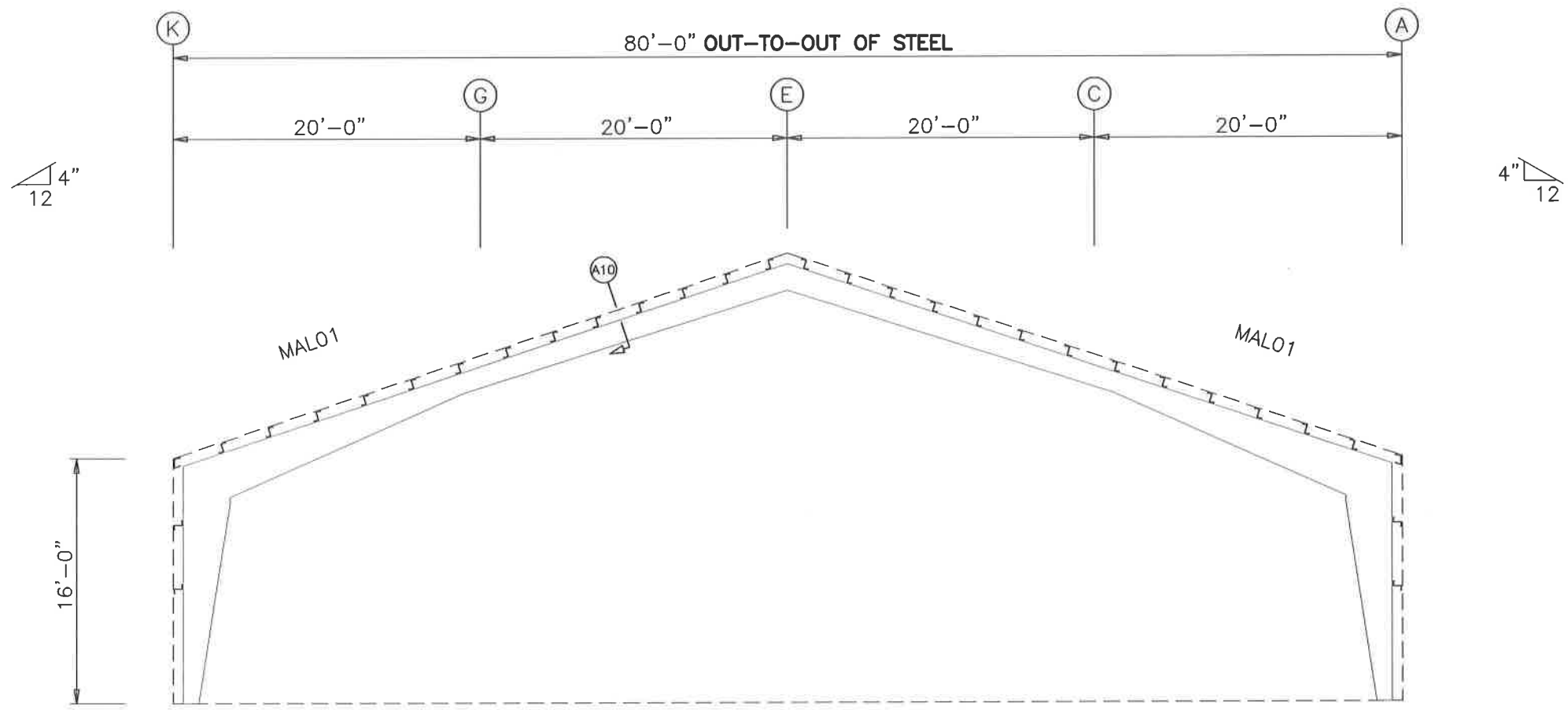
ENDWALL FRAMING PLAN

GENERAL NOTES

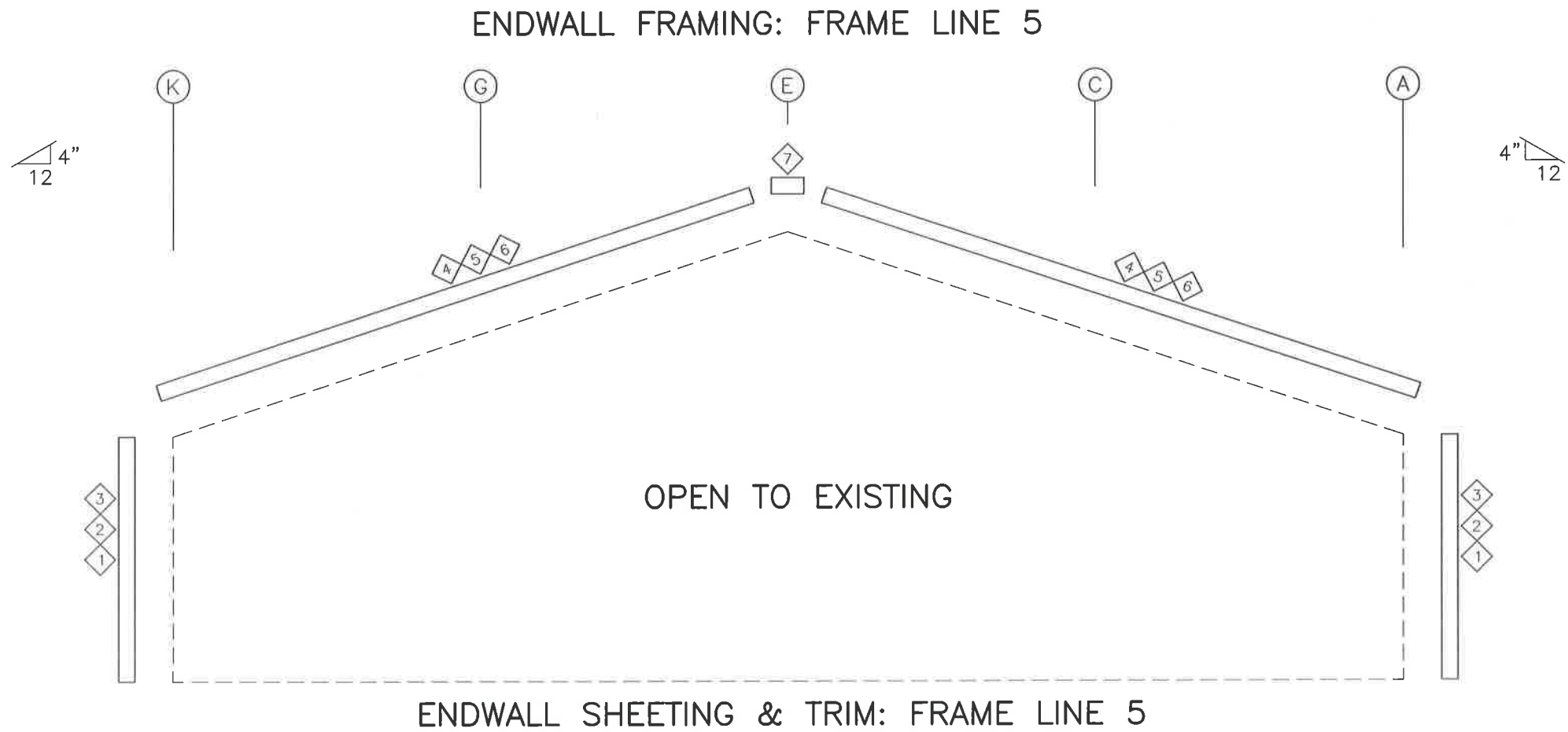
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ROD	CABLE
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- THIS DRAWING IS NOT TO SCALE.

<p>PROJECT NAME ROUTT COUNTY ROAD & BRIDGE</p> <p>CUSTOMER NAME OAK CREEK CO</p> <p>PROJECT ADDRESS ROUTT COUNTY ROAD & BRIDGE</p> <p>JOB NUMBER STEAMBOAT SPRINGS CO</p> <p>SHEET TITLE U1600196A</p>	<p>ISSUE</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>DATE</th> <th>BY</th> <th>CHK</th> <th>APP</th> </tr> <tr> <td>04/15/16</td> <td>PMG</td> <td>GRU</td> <td>GRU</td> </tr> <tr> <td>04/15/16</td> <td>PMG</td> <td>GRU</td> <td>GRU</td> </tr> </table> <p>Anchor Bolt Plans for Const.</p> <p>Permit Drawings</p>	DATE	BY	CHK	APP	04/15/16	PMG	GRU	GRU	04/15/16	PMG	GRU	GRU	<p>OLYMPIA STEEL BUILDING SYSTEMS</p> <p>400 ISLAND AVENUE MCKEES ROCKS, PA 15136</p> <p>PHONE: (888) 449-7756</p>	<p>PROFESSIONAL ENGINEER</p> <p>49599</p> <p>APR 18 2016</p>	<p>SHEET</p> <p>E6 of 8</p>
DATE	BY	CHK	APP													
04/15/16	PMG	GRU	GRU													
04/15/16	PMG	GRU	GRU													



TRIM TABLE FRAME LINE 5			
◇ ID	PART	LENGTH	DETAIL
1	MFA01	121.000	TRIM_708
2	OCC01	121.000	TRIM_708
3	JTA121	121.000	TRIM_708
4	RTA01	121.000	TRIM_701
5	RTA02	242.000	TRIM_701
6	LEE10	121.000	
7	M1704	26.440	



ENDWALL FRAMING PLAN

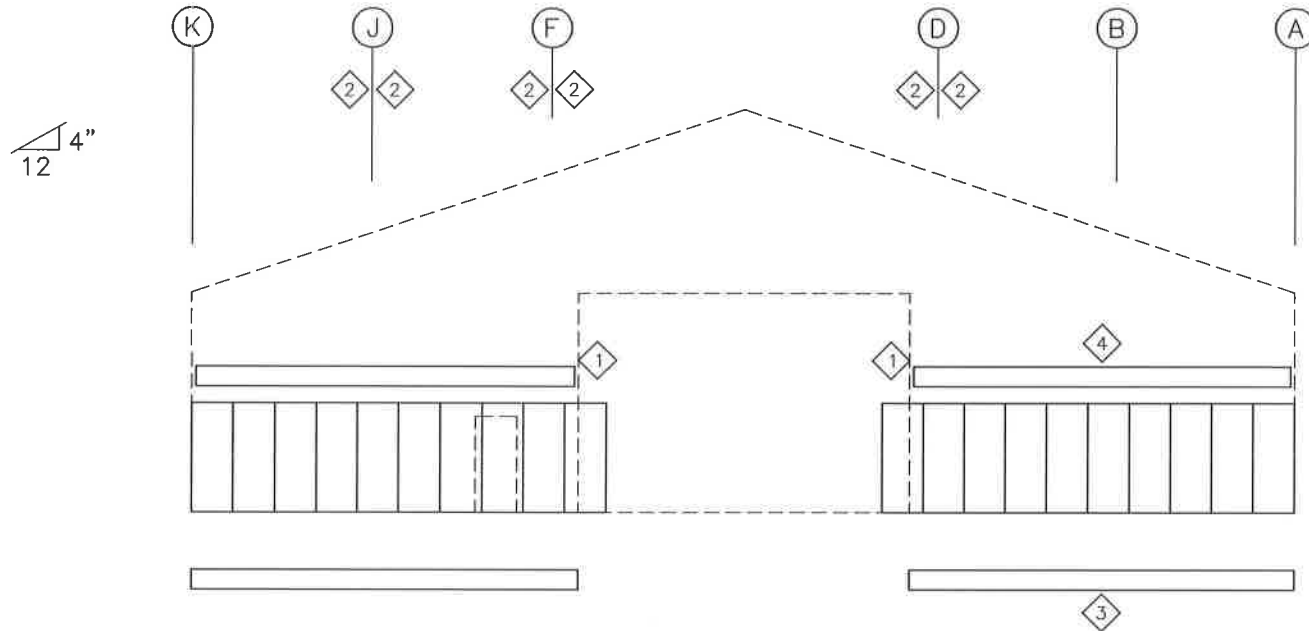
GENERAL NOTES

- STD. ROD/CABLE SIZES PER PART PREFIX ARE:

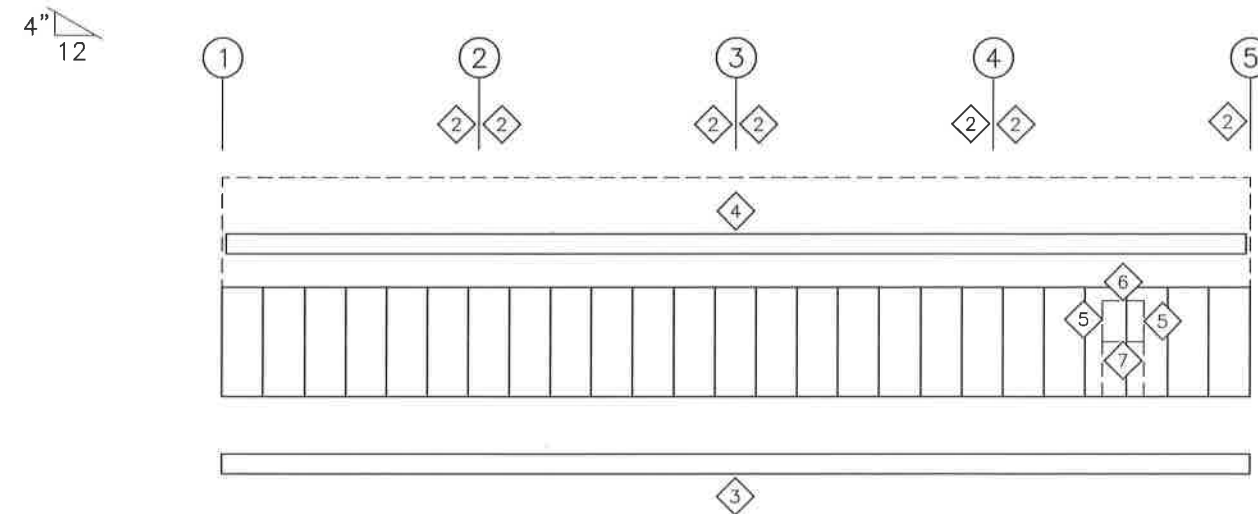
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RDC- = 3/4" ROD	CAB- = 3/8" CABLE
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Anchor Bolt Plans for Const.		DATE	04/15/16
Permit Drawings		DATE	04/15/16
PROJECT NAME ROUTT COUNTY ROAD & BRIDGE OAK CREEK CO			
CUSTOMER NAME ROUTT COUNTY ROAD & BRIDGE STEAMBOAT SPRINGS CO			
PROJECT TITLE U1600196A			
OLYMPIA STEEL BUILDING SYSTEMS 400 ISLAND AVENUE MCKEES ROCKS, PA 15136 PHONE: (888) 449-7756			
PROFESSIONAL ENGINEER COLORADO LICENSED APR 18 2016 49599			
SHEET E7 of 8			

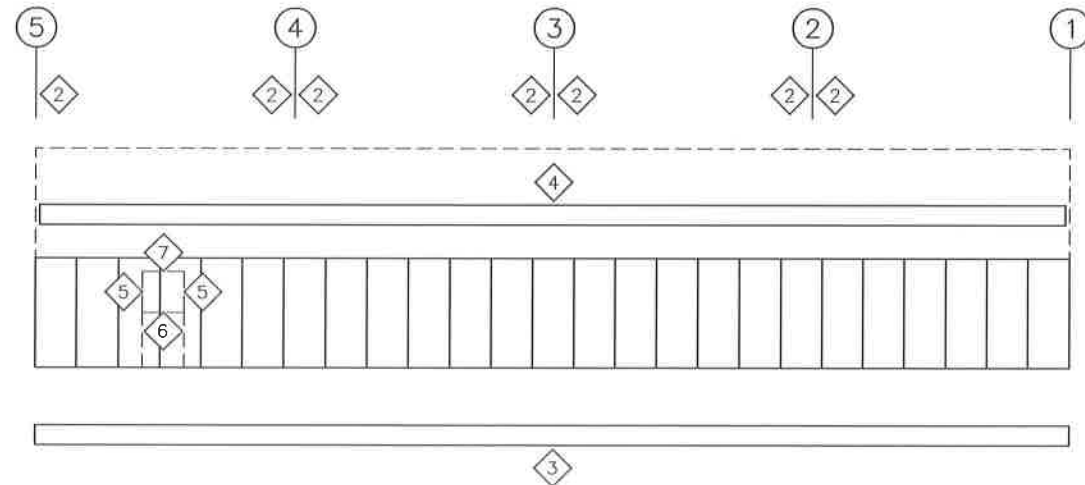
TRIM TABLE			
FRAME LINE 1 K A			
ID	PART	LENGTH	DETAIL
1	HTD194	194.000	TRIM_23
2	HTD096	96.000	TRIM_32
3	MAR02	242.000	TRIM_38
4	HTD121	121.000	TRIM_39
5	HTD096	96.000	TRIM_23
6	HTD096	96.000	TRIM_27
7	HTD096	96.000	TRIM_28



ENDWALL LINER SHEETING & TRIM: FRAME LINE 1
 PANELS: 8'-0", 26 Ga. CL - Galvalume
 (As Viewed From Inside Of Building)



SIDEWALL LINER SHEETING & TRIM: FRAME LINE A
 PANELS: 8'-0", 26 Ga. CL - Galvalume
 (As Viewed From Inside Of Building)



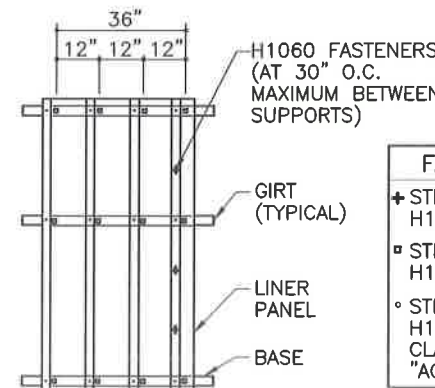
SIDEWALL LINER SHEETING & TRIM: FRAME LINE K
 PANELS: 8'-0", 26 Ga. CL - Galvalume
 (As Viewed From Inside Of Building)

GENERAL NOTES:

1. FIELD WORK OF THE LINER PANELS AT THE FLANGE BRACE LOCATIONS MAY BE REQUIRED.

ERECTOR NOTE:

THE ERECTION OF THE LINER PANEL MUST BE COORDINATED PROPERLY WITH THE BRACING AND BRACE STRUTS TO ENSURE PROPER FIT-UP. IT IS THE ERECTOR'S RESPONSIBILITY TO ENSURE THAT THE STRUCTURE IS ADEQUATELY BRACED DURING THE ERECTION PROCESS. TEMPORARY REMOVAL OF BRACING AND BRACE STRUTS IS ACCEPTABLE FOR LINER PANEL ERECTION, PROVIDED ADEQUATE TEMPORARY BRACING IS USED.



FASTENER CHART	
+	STITCH FASTENER H1060
□	STRUCTURAL FASTENER H1040 AT "CLASSIC" WALL
°	STRUCTURAL FASTENER H1040 AT "REVERSE CLASSIC" H1040 AT "ACCENT" WALL

LINER PANEL ERECTION NOTES
 (PANELS 36" NET LAY)

DATE	BY	REVISION
04/15/16	PMG	GRU RHW COS
04/15/16	PMG	GRU RHW COS

Anchor Bolt Plans for Const.
 Permit Drawings

OLYMPIA STEEL BUILDING SYSTEMS
 400 ISLAND AVENUE
 MCKEES ROCKS, PA 15136
 PHONE: (888) 449-7756

PROJECT NAME
 ROUTT COUNTY ROAD & BRIDGE
 OAK CREEK CO

CUSTOMER NAME
 ROUTT COUNTY ROAD & BRIDGE
 STEAMBOAT SPRINGS CO

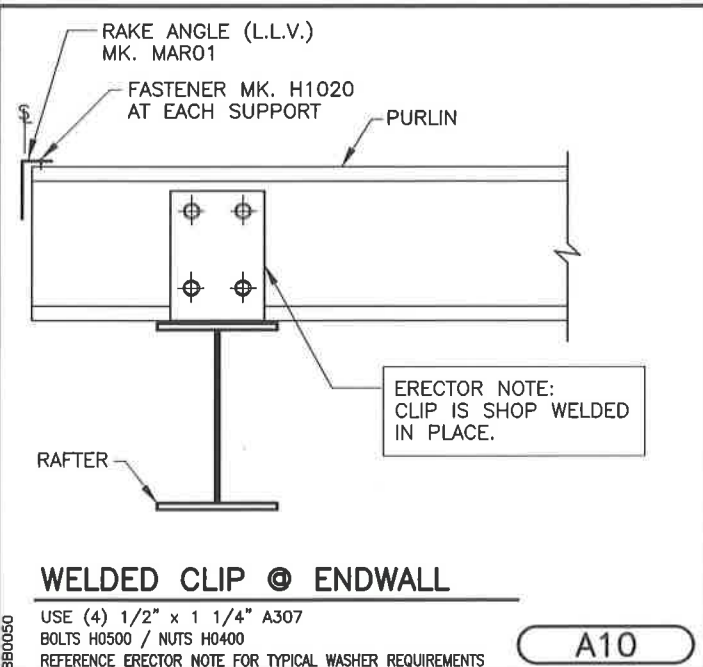
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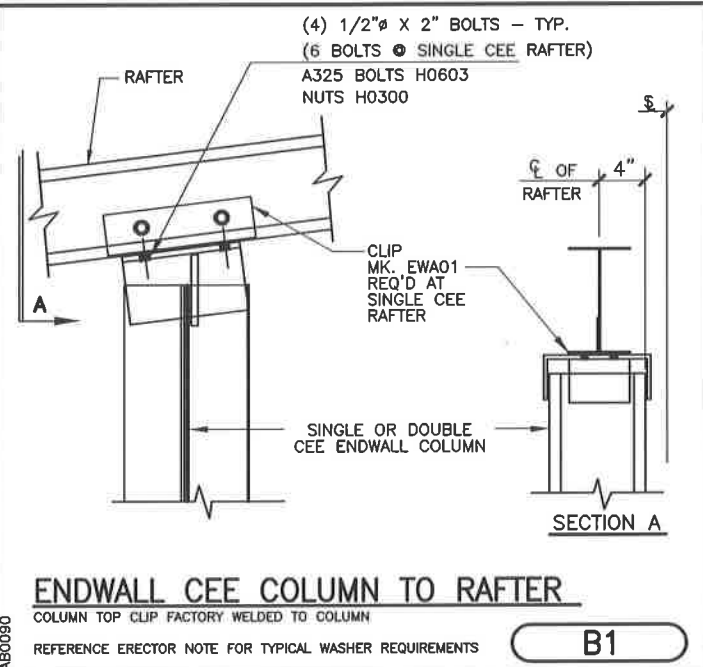
140070

E8 of 8



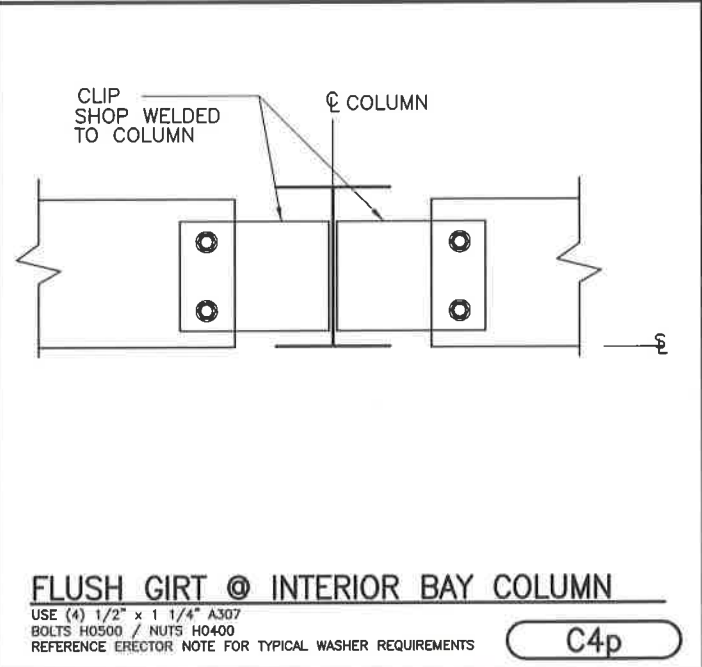
USE (4) 1/2" x 1 1/4" A307 BOLTS H0500 / NUTS H0400
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

A10



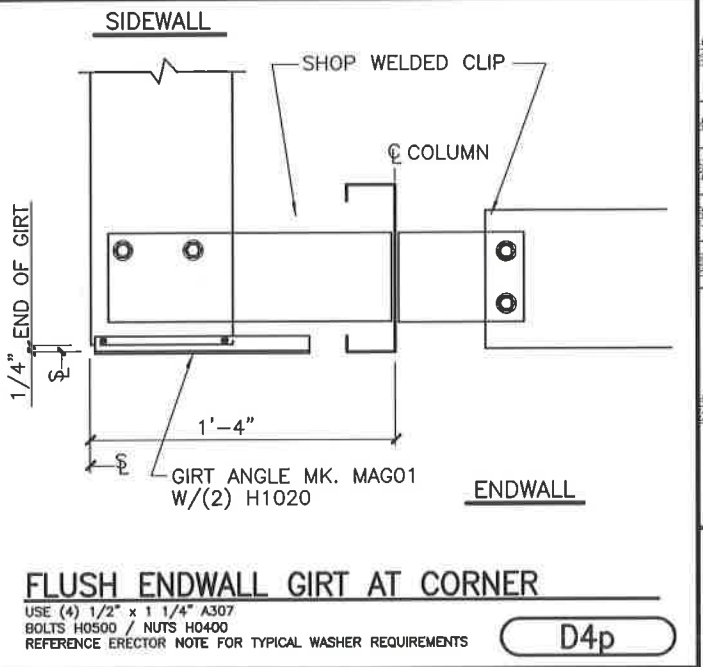
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

B1



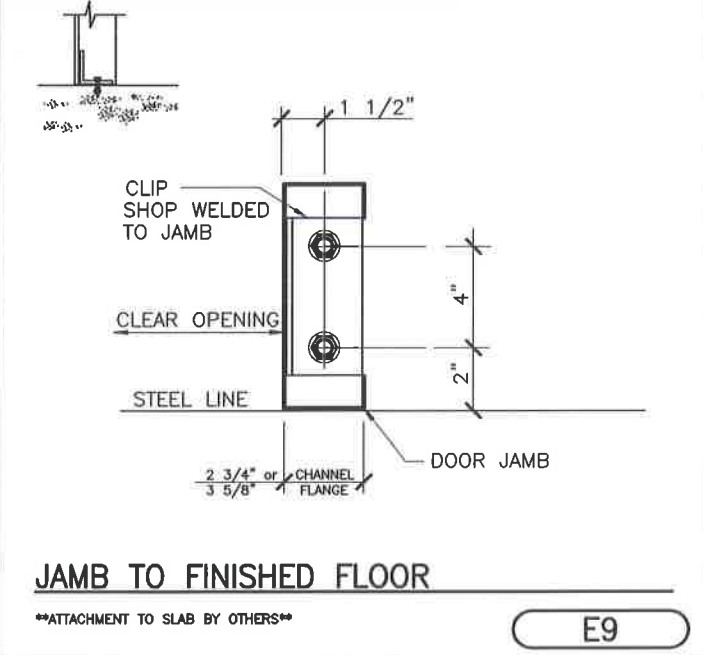
USE (4) 1/2" x 1 1/4" A307 BOLTS H0500 / NUTS H0400
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

C4p



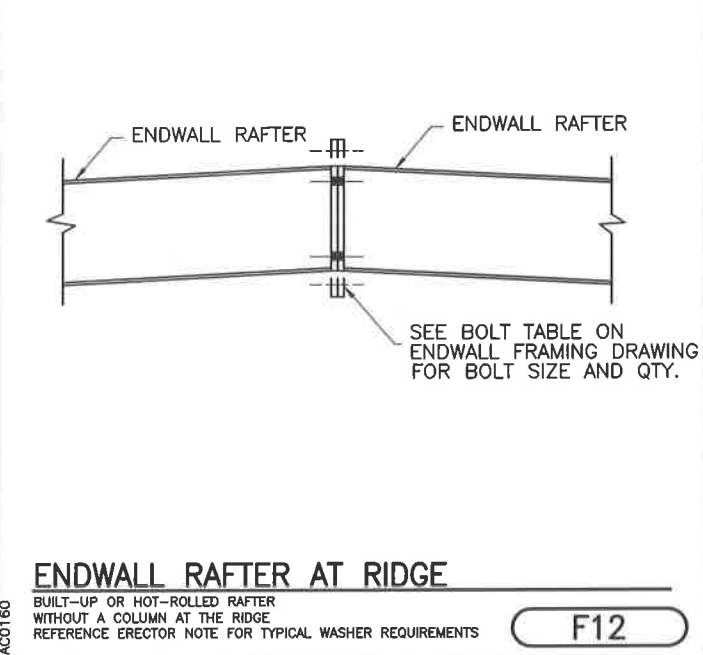
USE (4) 1/2" x 1 1/4" A307 BOLTS H0500 / NUTS H0400
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

D4p



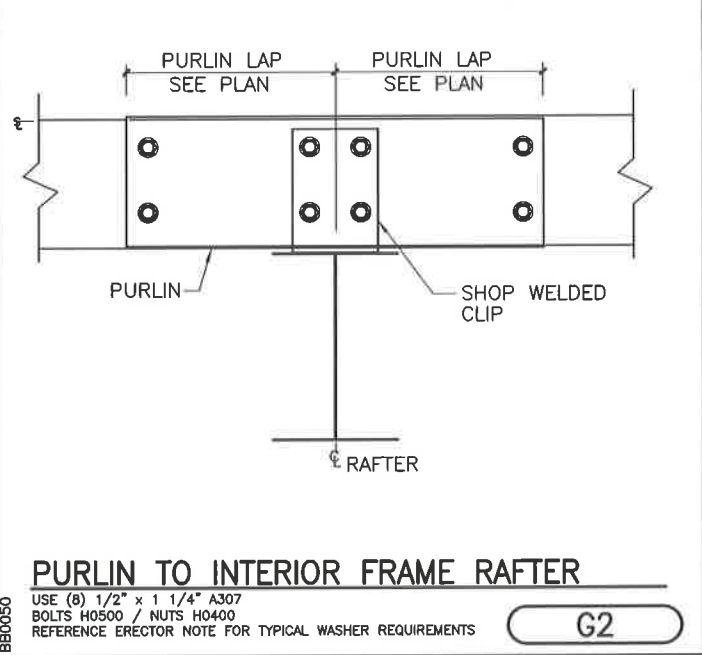
ATTACHMENT TO SLAB BY OTHERS

E9



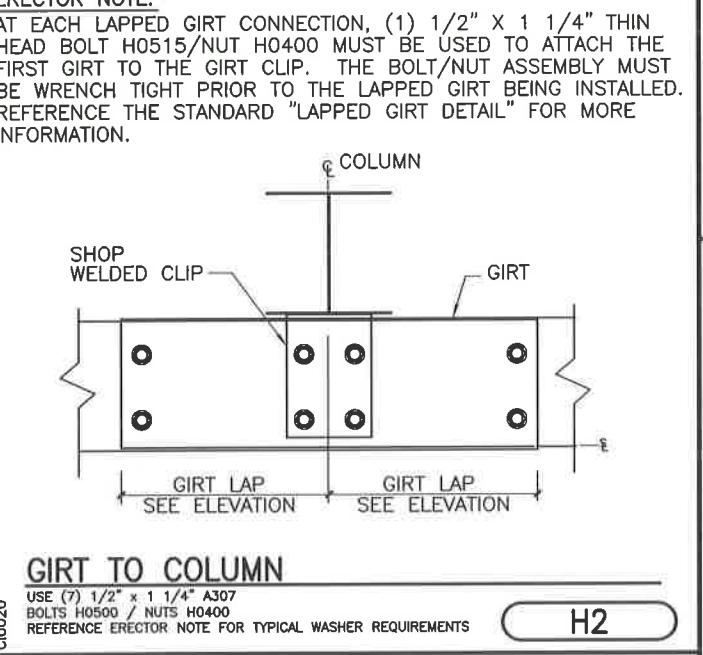
BUILT-UP OR HOT-ROLLED RAFTER WITHOUT A COLUMN AT THE RIDGE
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

F12



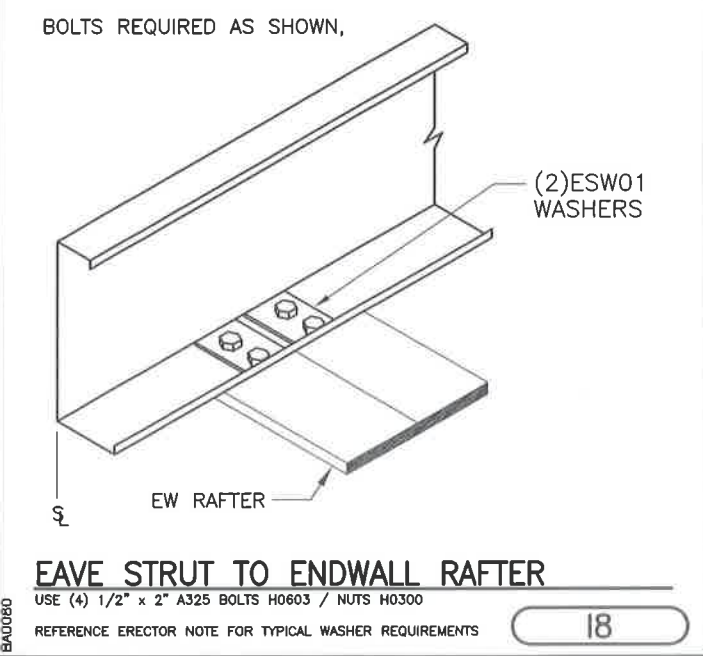
USE (8) 1/2" x 1 1/4" A307 BOLTS H0500 / NUTS H0400
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

G2



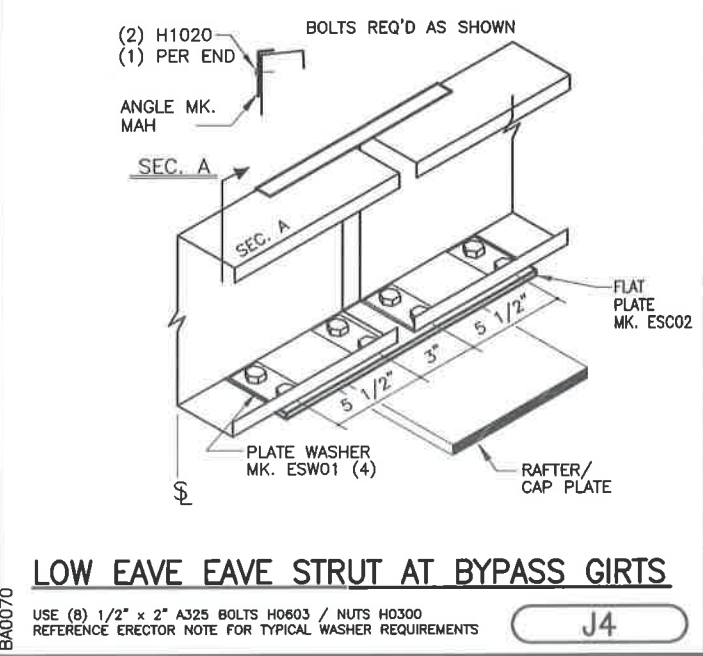
USE (7) 1/2" x 1 1/4" A307 BOLTS H0500 / NUTS H0400
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

H2



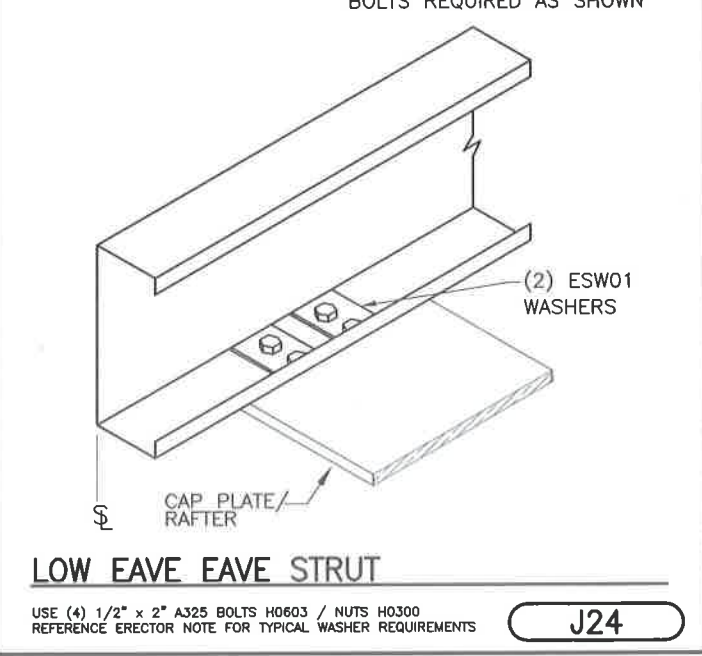
USE (4) 1/2" x 2" A325 BOLTS H0603 / NUTS H0300
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

I8



USE (8) 1/2" x 2" A325 BOLTS H0603 / NUTS H0300
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

J4



USE (4) 1/2" x 2" A325 BOLTS H0603 / NUTS H0300
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

J24

Anchor Bolt Plans for Const.	PMG	GRU	RHW	CDS	04/15/16
Permit Drawings	PMG	GRU	RHW	CDS	04/15/16

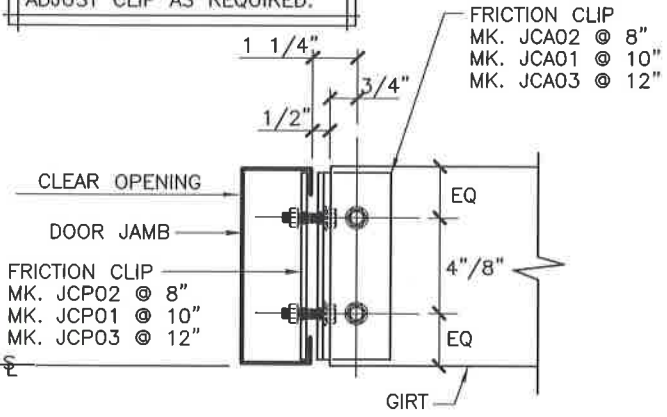
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STEAMBOAT SPRINGS CO
JOB NUMBER
U1600196A



PROFESSIONAL ENGINEER
DAVID S. DAVIS
49599
APR 18 2016
SHEET
D1 of 9

NOTE:
INSTALL CLIPS ON JAMB
BEFORE STANDING JAMB. USE
LEVEL TO ALIGN GIRTS
ADJUST CLIP AS REQUIRED.

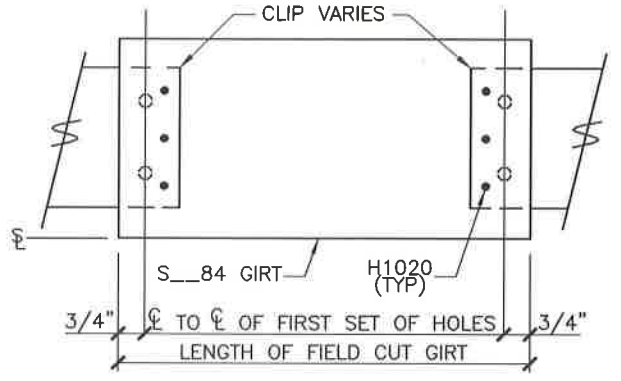


GIRT TO JAMB

USE (4) 1/2" x 1 1/4" A307
BOLTS H0300 / NUTS H0400
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

K1

PART #	MTRL SIZE	MTRL THICK.
S8Z84	8" ZEE	.060 MIN.
S8C84	8" CEE	.060 MIN.
S1Z84	10" ZEE	.060 MIN.
S1C84	10" CEE	.060 MIN.
S2Z84	12" ZEE	.075 MIN.
S2C84	12" CEE	.075 MIN.

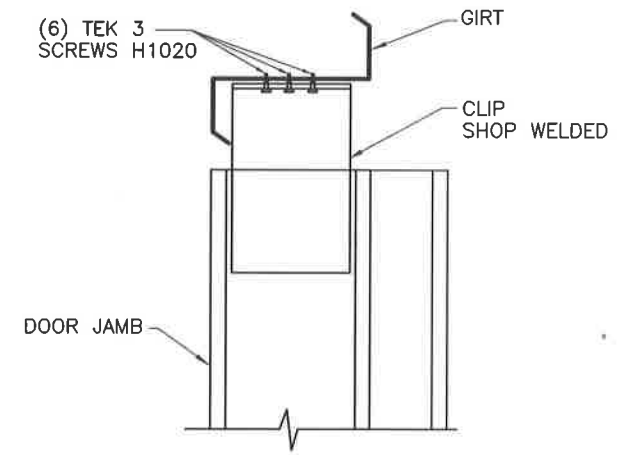


UNPUNCHED SHORT GIRT DETAIL

FIELD CUT TO LENGTH AND FASTEN
WITH (3) H1020 AT EACH END

K2

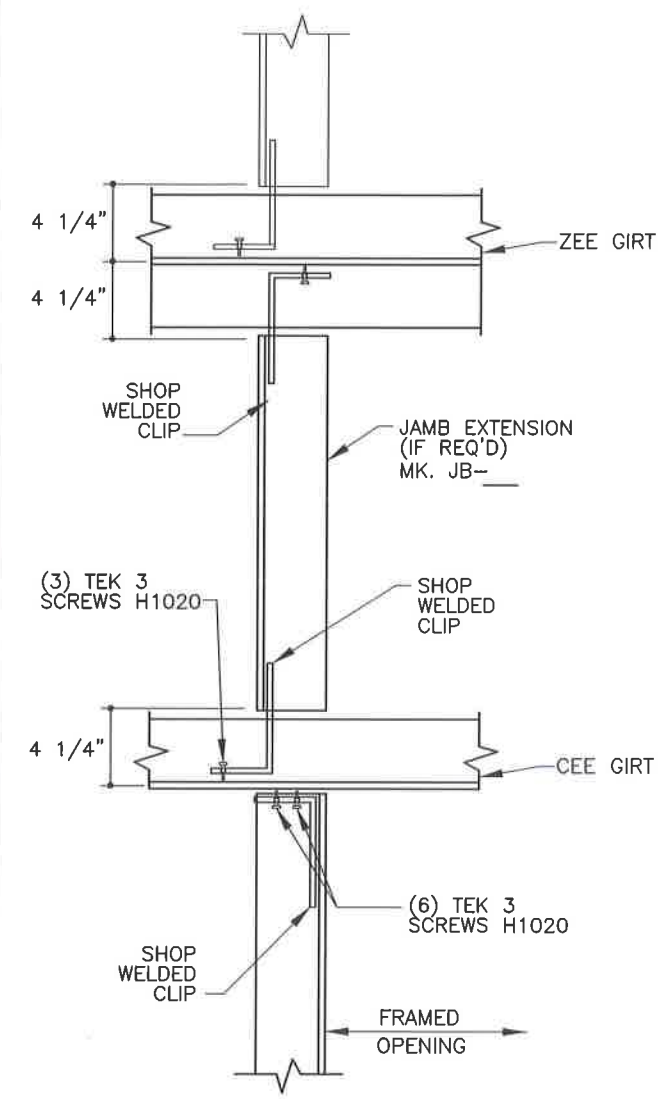
ERECTOR NOTE:
PRE-DRILL HOLES @ NESTED ZEE GIRTS
& DOUBLE CEE GIRTS IF REQUIRED.



DOOR JAMB TO GIRT

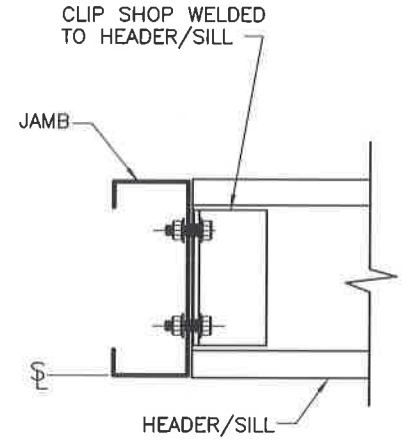
L8

ERECTOR NOTES:
-IF THE T-CLIP IS LOCATED IN THE SAME LOCATION AS NESTED GIRT BOLTS, THE
NESTED GIRT BOLTS CAN BE REMOVED.
-PRE-DRILL HOLES AT NESTED ZEE GIRTS AND DOUBLE CEE GIRTS AS REQUIRED.



DOOR JAMB TO GIRT

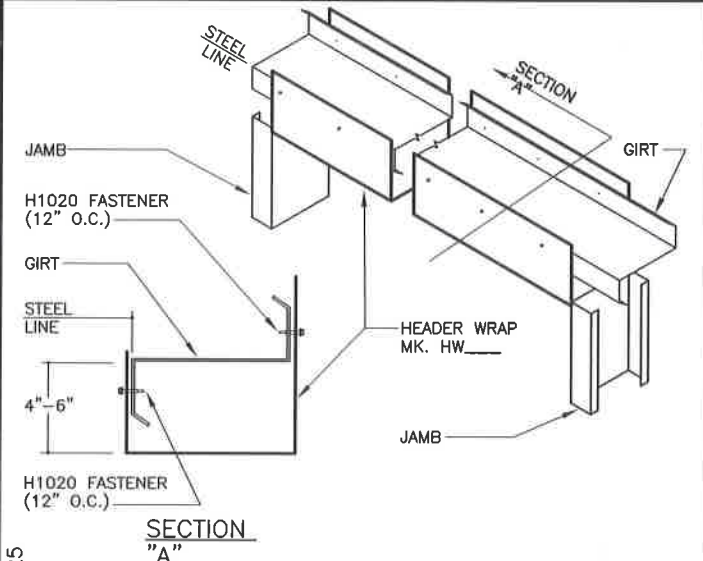
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HEADER/SILL TO JAMB

USE (2) 1/2" x 1 1/4" A307 BOLTS H0500 / NUTS H0400
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

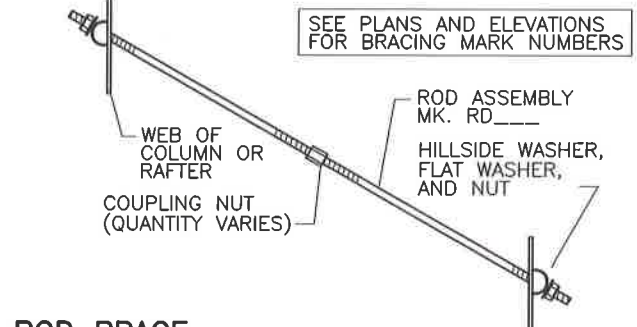
M3



HEADER WRAP DETAIL

M16

ROD DIAMETER	MARK NUMBER	HILLSIDE WASHERS	FLAT WASHERS	A307/A325 NUTS	COUPLING NUTS
5/8" Ø	RDB	(2) H0930	(2) H0210	(2) H0310	H0810
3/4" Ø	RDC	(2) H0930	(2) H0220	(2) H0320	H0820
7/8" Ø	RDD	(2) H0930	(2) H0230	(2) H0325	H0830
1" Ø	RDE	(2) H0960	(2) H0240	(2) H0330	H0840
1 1/8" Ø	RDF	(2) H0960	(2) H0250	(2) H0450	H0850
1 1/4" Ø	RDG	(2) H0960	(2) H0260	(2) H0340	H0860



ROD BRACE

WEB TO WEB

Q3

DATE	BY	CHKD	ISSUE
04/15/16	GRJ	RHW	CDS
04/15/16	GRJ	RHW	CDS

Anchor Bolt Plans for Const.
Permit Drawings

OLYMPIA STEEL BUILDING SYSTEMS
400 ISLAND AVENUE
MCKEES ROCKS, PA 15136
PHONE: (888) 449-7756

PROJECT NAME
ROUTT COUNTY ROAD & BRIDGE
OAK CREEK CO

CUSTOMER NAME
ROUTT COUNTY ROAD & BRIDGE
STEAMBOAT SPRINGS CO

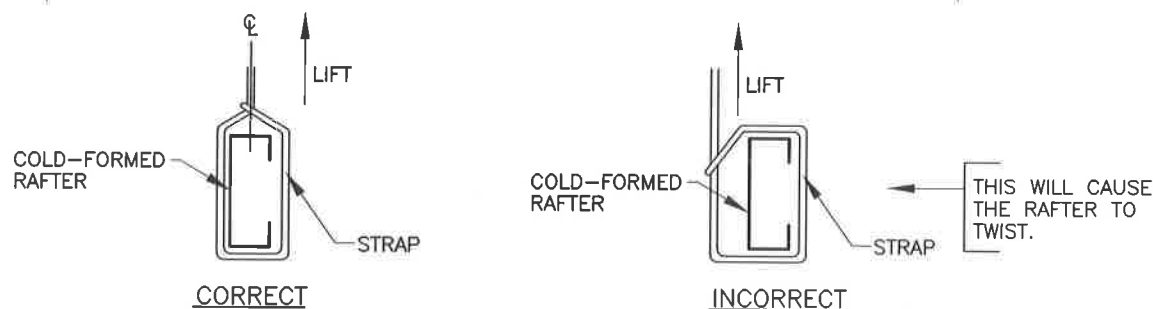
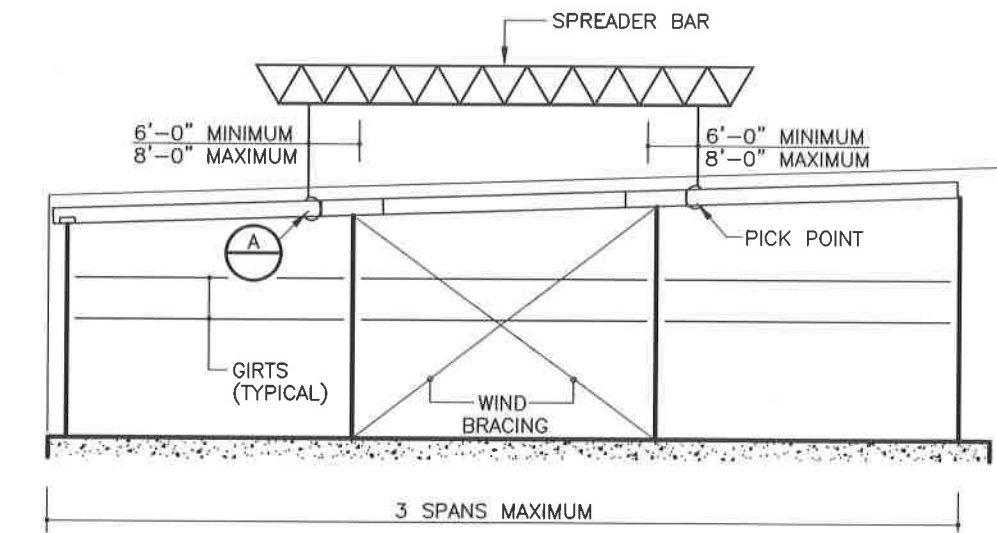
JOB NUMBER
U1600196A

SHEET TITLE
SHEET



DESIGNED AND SUPPLIED BY THE METAL BUILDING MANUFACTURER. THE DRAWINGS AND THE METAL BUILDINGS WHEN THEY REPRESENT ARE THE PRODUCT OF THE METAL BUILDING MANUFACTURER. THE REGISTERED PROFESSIONAL ENGINEER WHOSE NAME APPEARS ON THESE DRAWINGS HAS REVIEWED AND FOUND THEM TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE ENGINEERING ACT AND SHALL NOT BE CONSIDERED AS SUCH.

D2 of 9



SECTION A

COLD FORMED ENDWALL ERECTOR DETAIL

- 1) GIRTS, CLIPS, RAFTERS AND COLUMNS MUST BE SECURELY AND TIGHTLY BOLTED TOGETHER PRIOR TO STANDING UP THE ENDWALL SECTION. (NOTE: THE GIRTS PROVIDE STABILITY TO THE ENDWALL SYSTEM DURING THE ERECTION PROCESS)
- 2) BUILT-UP COLUMNS/RAFTERS MUST BE ERECTED INDIVIDUALLY WHEN USED WITH COLD FORMED ENDWALL PARTS
- 3) THIS DETAIL IS SUGGESTED IN ORDER TO MAINTAIN STRUCTURAL INTEGRITY OF ENDWALL PARTS AFTER ERECTION. SOUND JUDGEMENT BASED ON ERECTION KNOWLEDGE AND EXPERIENCE SHOULD BE APPLIED REGARDING SAFETY AND PRACTICALITY OF INDIVIDUAL SITUATIONS.
- 4) REGULATIONS SET FORTH BY THE OCCUPATIONAL SAFETY AND HEALTH ACT, LOCAL, STATE, AND/OR FEDERAL AGENCIES SHOULD BE ADHERED TO AT ALL TIMES. THE METAL BUILDING MANUFACTURER IS NOT RESPONSIBLE FOR INJURY, DAMAGE, OR FAILURE WHICH MAY RESULT FROM FAILING TO MEET ANY OF THESE REGULATIONS.

AA0005

TYPICAL FIELD WELD REQUIREMENTS ERECTOR NOTE: (UNLESS NOTED OTHERWISE ON DRAWINGS)

ALL FIELD WELDING MUST BE PERFORMED BY AWS/CWB CERTIFIED WELDERS WHO ARE QUALIFIED FOR THE WELDING PROCESSES AND POSITIONS INDICATED.

ALL WORK MUST BE COMPLETED AND INSPECTED IN ACCORDANCE WITH THE APPLICABLE AWS/CWB SPECIFICATIONS.

WELD ELECTRODES USED FOR THE SMAW (OR STICK) WELD PROCESS MUST BE 70 KSI/483 MPa MATERIAL AND LOW HYDROGEN CONTENT.

GALVANIZED STEEL FIELD WELDING RECOMMENDATIONS

PREPARATION OF WELD AREA

AWS D-19.0, WELDING ZINC COATED STEEL, CALLS FOR WELDS TO BE MADE ON STEEL THAT IS FREE OF ZINC IN THE AREA TO BE WELDED. FOR GALVANIZED STRUCTURAL COMPONENTS, THE ZINC COATING SHOULD BE REMOVED AT LEAST ONE TO FOUR INCHES (2.5-10 cm) FROM EITHER SIDE OF THE INTENDED WELD ZONE AND ON BOTH SIDES OF THE WORKPIECE. GRINDING BACK THE ZINC COATING IS THE PREFERRED AND MOST COMMON METHOD; BURNING THE ZINC AWAY OR PUSHING BACK THE MOLTEN ZINC FROM THE WELD AREA ARE ALSO EFFECTIVE.

TOUCH-UP OF WELD AREA

WELDING ON GALVANIZED SURFACES DESTROYS THE ZINC COATING ON AND AROUND THE WELD AREA. RESTORATION OF THE AREA WILL BE PERFORMED IN ACCORDANCE WITH ASTM A 780, STANDARD PRACTICE FOR REPAIR OF DAMAGED AND UNCOATED AREAS OF HOT-DIP GALVANIZED COATINGS, WHICH SPECIFIES THE USE OF PAINTS CONTAINING ZINC DUST, ZINC-BASED SOLDERS OR SPRAYED ZINC. ALL TOUCHUP AND REPAIR METHODS ARE CAPABLE OF BUILDING A PROTECTIVE LAYER TO THE THICKNESS REQUIRED BY ASTM A 780.

SAFETY & HEALTH

WHEN WELDING DIRECTLY ON GALVANIZED STEEL IS UNAVOIDABLE, OSHA PERMISSIBLE EXPOSURE LIMITS (PELS) MAY BE EXCEEDED AND EVERY PRECAUTION, INCLUDING HIGH-VELOCITY CIRCULATING FANS WITH FILTERS, AIR RESPIRATORS AND FUME-EXTRACTION SYSTEMS SUGGESTED BY AWS, SHOULD BE EMPLOYED. FUMES FROM WELDING GALVANIZED STEEL CAN CONTAIN ZINC, IRON, AND LEAD. FUME COMPOSITION TYPICALLY DEPENDS ON THE COMPOSITION OF THE MATERIALS USED, AS WELL AS THE HEAT APPLIED BY THE PARTICULAR WELDING PROCESS. IN ANY EVENT, GOOD VENTILATION MINIMIZES THE AMOUNT OF EXPOSURE TO FUMES.

PRIOR TO WELDING ON ANY METAL, CONSULT ANSI/ASC Z-49.1, SAFETY IN WELDING, CUTTING AND ALLIED PROCESSES, WHICH CONTAINS INFORMATION ON THE PROTECTION OF PERSONNEL AND THE GENERAL AREA, VENTILATION AND FIRE PREVENTION.

INFORMATION COURTESY OF AMERICAN GALVANIZERS ASSOCIATION

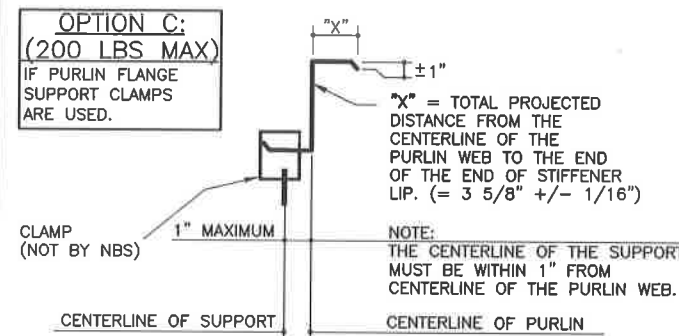
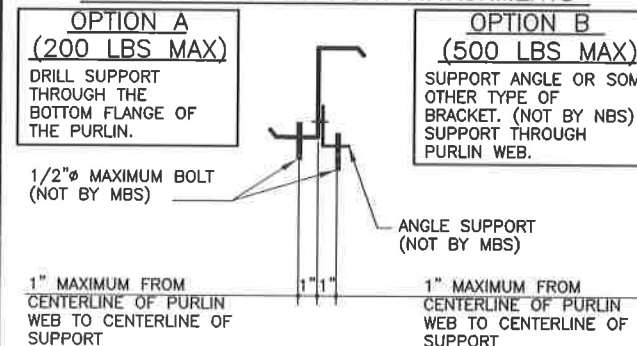
COLLATERAL DEAD LOADS, UNLESS OTHERWISE NOTED, ARE ASSUMED TO BE UNIFORMLY DISTRIBUTED. WHEN SUSPENDED SPRINKLER SYSTEMS, LIGHTING, HVAC EQUIPMENT, CEILINGS, ETC. ARE SUSPENDED FROM ROOF MEMBERS, CONSULT ENGINEER OF RECORD IF THESE CONCENTRATED LOADS EXCEED 500 POUNDS (USING THE WEB MOUNT DETAIL) OR 200 POUNDS (USING THE FLANGE MOUNT DETAIL), OR IF INDIVIDUAL MEMBERS ARE LOADED SIGNIFICANTLY MORE THAN OTHERS.



GENERAL RESTRICTION:

UNDER NO CIRCUMSTANCES CAN THE PURLIN STIFFENING LIP BE FIELD MODIFIED FROM THE FACTORY SUPPLIED CONDITION. ALSO DO NOT HANG ANYTHING FROM PURLIN STIFFENING LIP.

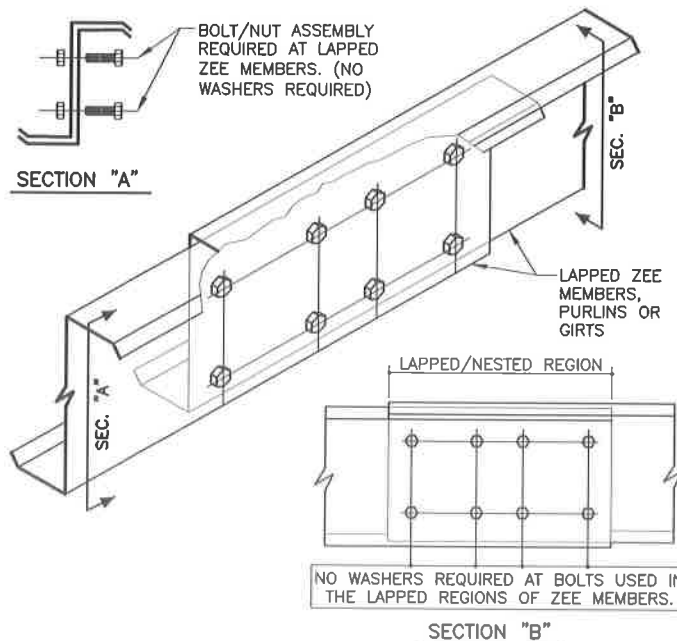
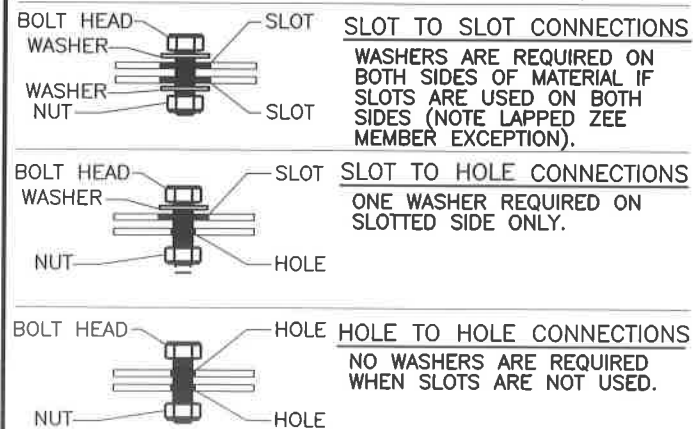
OPTIONS FOR SUPPORT ATTACHMENTS



PURLIN SUPPORT METHODS

B00010

TYPICAL WASHER REQUIREMENTS ERECTOR NOTE (UNLESS NOTED OTHERWISE ON DRAWINGS)



WASHER PART NUMBERS	
H0200 - 1/2" FLAT WASHER	H0240 - 1" FLAT WASHER
H0210 - 5/8" FLAT WASHER	H0250 - 1 1/8" FLAT WASHER
H0220 - 3/4" FLAT WASHER	H0260 - 1 1/4" FLAT WASHER
H0230 - 7/8" FLAT WASHER	

DATE	ISSUE	BY	CHKD
04/15/16	CDS	GRJ	RHW
04/15/16	CDS	GRJ	RHW

Anchor Bolt Plans for Const.
Permit Drawings

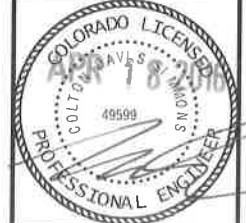
OLYMPIA STEEL BUILDING SYSTEMS
400 ISLAND AVENUE
McKEES ROCKS, PA 15136
PHONE: (888) 449-7756

PROJECT NAME
ROUTT COUNTY ROAD & BRIDGE
OAK CREEK CO

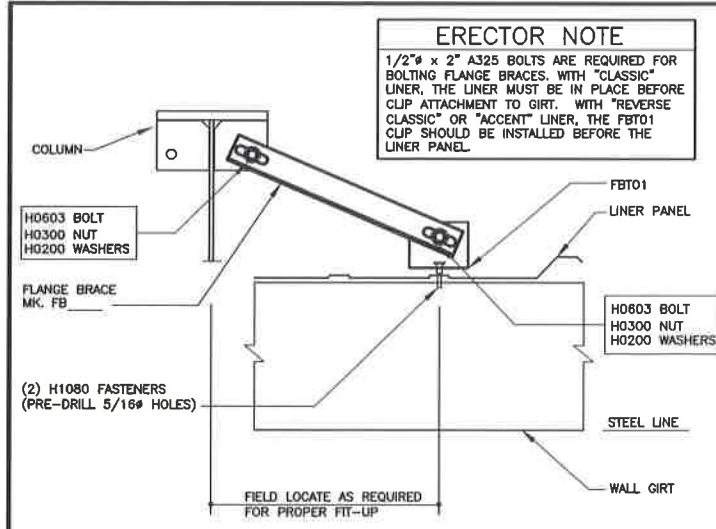
CUSTOMER NAME
ROUTT COUNTY ROAD & BRIDGE
STEAMBOAT SPRINGS CO

JOB NUMBER
U1600196A

SHEET TITLE



D3 of 9

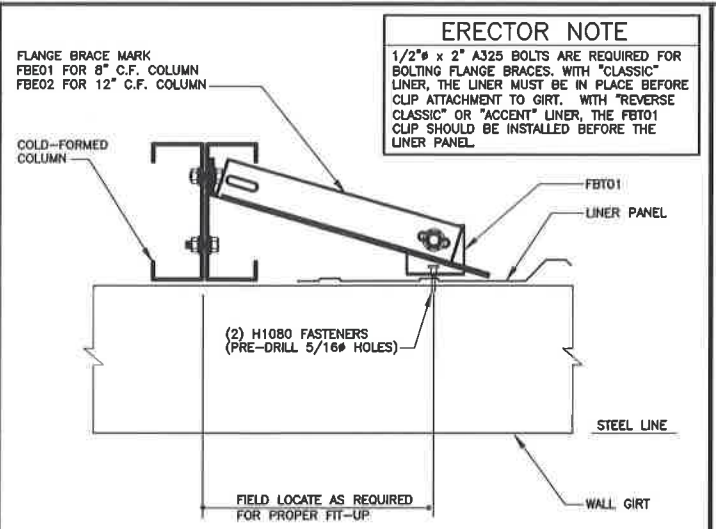


ERECTOR NOTE
1/2" x 2" A325 BOLTS ARE REQUIRED FOR BOLTING FLANGE BRACES WITH "CLASSIC" LINER. THE LINER MUST BE IN PLACE BEFORE CLIP ATTACHMENT TO GIRTS. WITH "REVERSE CLASSIC" OR "ACCENT" LINER, THE FBT01 CLIP SHOULD BE INSTALLED BEFORE THE LINER PANEL.

TYP FLANGE BRACE AT BUILT-UP COLUMN & GIRTS

SEE PLANS AND ELEVATIONS FOR FLANGE BRACE PART MARKS
PRE-DRILL (2) 5/16" PILOT HOLES IN GIRTS
FIELD CUT AND FLATTEN PANEL RIB IF INTERFERENCE WITH FLANGE BRACE OCCURS.

ANGLE_102



ERECTOR NOTE
1/2" x 2" A325 BOLTS ARE REQUIRED FOR BOLTING FLANGE BRACES WITH "CLASSIC" LINER. THE LINER MUST BE IN PLACE BEFORE CLIP ATTACHMENT TO GIRTS. WITH "REVERSE CLASSIC" OR "ACCENT" LINER, THE FBT01 CLIP SHOULD BE INSTALLED BEFORE THE LINER PANEL.

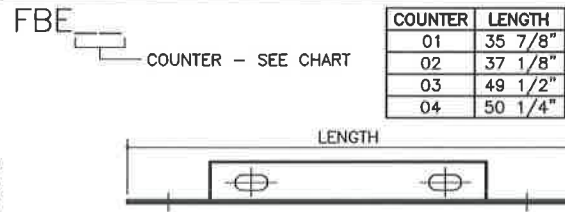
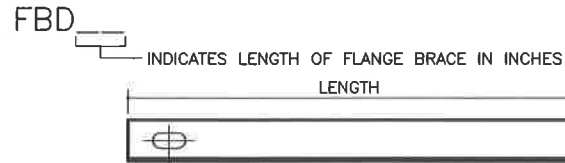
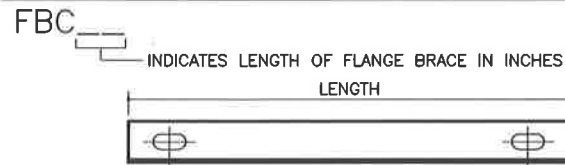
TYP FLANGE BRACE @ COLD-FORMED COLUMN & GIRTS

SEE PLANS AND ELEVATIONS FOR FLANGE BRACE PART MARKS
PRE-DRILL (2) 5/16" PILOT HOLES IN GIRTS
FIELD CUT AND FLATTEN PANEL RIB IF INTERFERENCE WITH FLANGE BRACE OCCURS.

ANGLE_103

TYPICAL FLANGE BRACE MARK NUMBERS

ACTUAL FLANGE BRACES DO NOT HAVE MARK NUMBERS ON THEM



STD. 1/2" A307 BOLTS
MK. H0500
(NO WASHERS REQUIRED)

OUTSIDE FLANGE

GIRT LAP BOLTS NOT SHOWN FOR CLARITY. REFERENCE THE STD. LAPPED GIRTS DETAIL FOR THOSE REQUIREMENTS.

THIN HEAD 1/2" BOLT
MK. H0515**
(NO WASHER REQUIRED)

FIRST LAPPED GIRTS

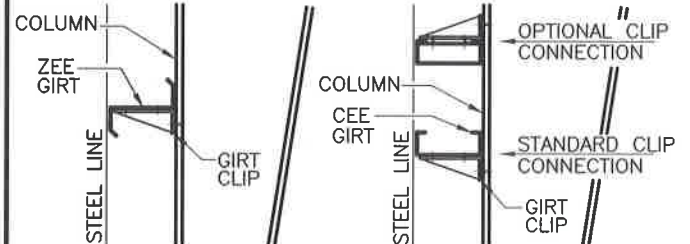
STD. 1/2" A307 NUTS MK. H0400

LAPPED GIRTS DETAIL

LAPPED GIRTS @ INTERIOR BAY COLUMNS
** THE THIN HEAD 1/2" A307 BOLT MUST BE INSTALLED INTO THE FIRST GIRTS AND CLIP OF A LAPPED GIRTS. THE BOLT/NUT ASSEMBLY MUST BE WRENCH TIGHT PRIOR TO THE SECOND LAPPED GIRTS BEING INSTALLED.

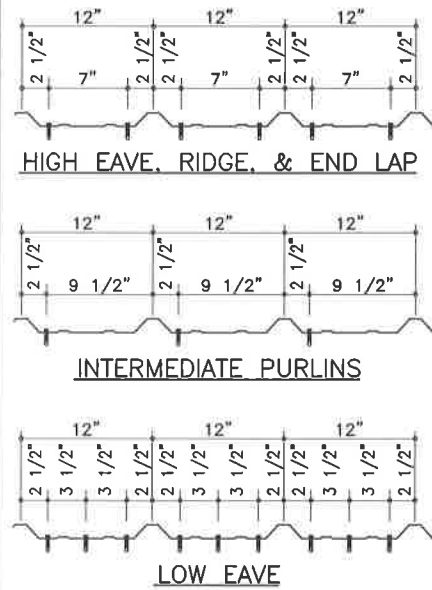
ERECTOR NOTE: UNLESS SPECIFICALLY NOTED OTHERWISE, STANDARD ZEE GIRTS ORIENTATION IS TO HAVE THE GIRTS TOED DOWN AT THE STEEL LINE AS SHOWN IN THE DETAIL BELOW.

UNLESS SPECIFICALLY NOTED OTHERWISE, STANDARD CEE GIRTS ORIENTATION IS TO HAVE THE GIRTS TOED UP AS SHOWN IN THE DETAIL BELOW. STANDARD CLIP ATTACHMENT IS BELOW THE GIRTS, HOWEVER SOME DETAILS REQUIRE THAT THE CLIP BE ABOVE THE GIRTS. (REFER TO THE GIRTS DETAILS ON THE ERECTION DRAWINGS FOR REQUIREMENTS) BOTH CLIP ATTACHMENTS ARE SHOWN IN THE DETAIL BELOW.



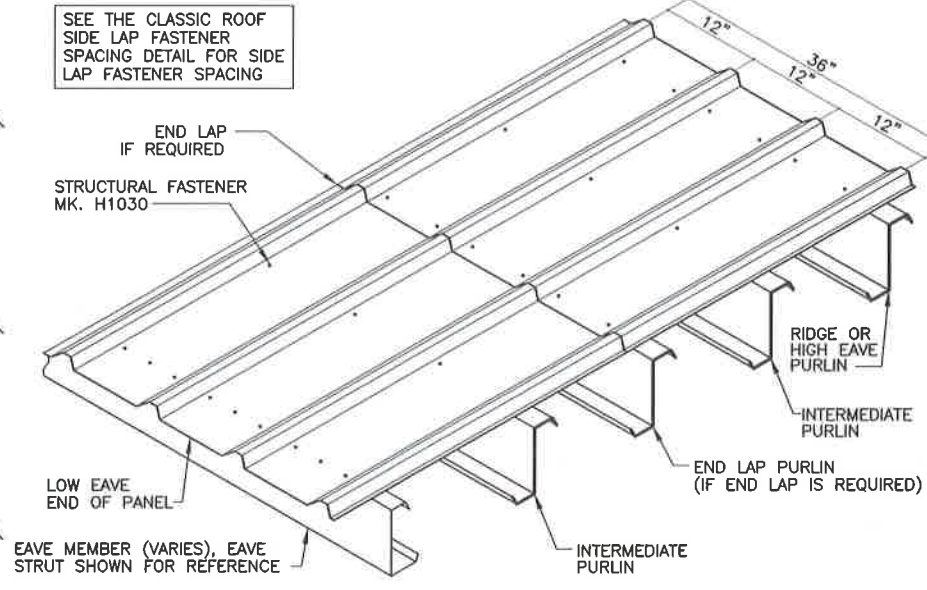
STANDARD GIRTS ORIENTATION DETAIL

NOTE: BYPASS GIRTS CONDITION IS SHOWN FOR REFERENCE ONLY. YOUR PROJECT MAY HAVE FLUSH OR INSET GIRTS.



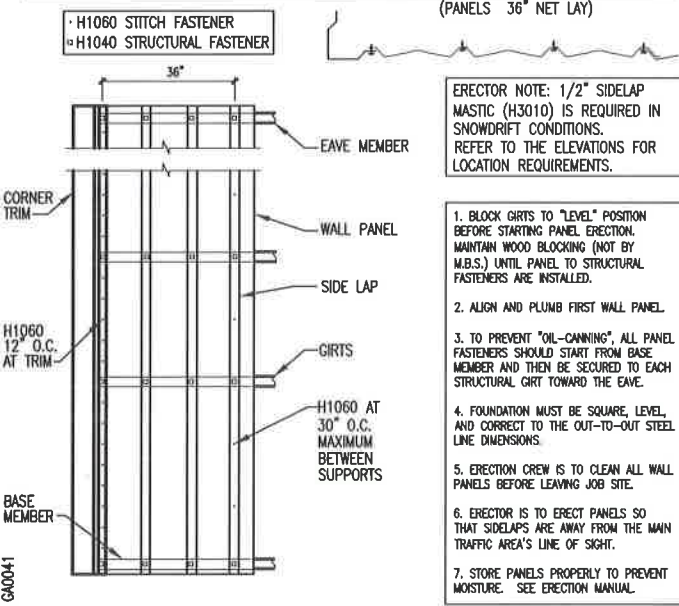
SEE THE CLASSIC ROOF SIDE LAP FASTENER SPACING DETAIL FOR SIDE LAP FASTENER SPACING

END LAP IF REQUIRED
STRUCTURAL FASTENER MK. H1030



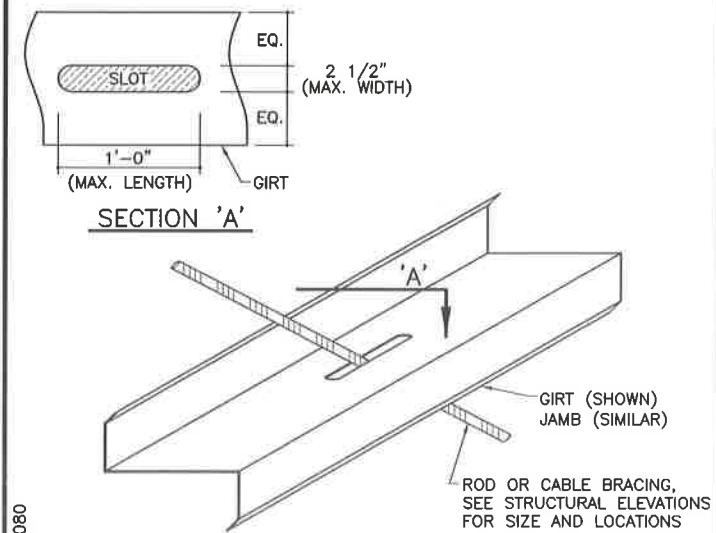
CLASSIC ROOF STRUCTURAL FASTENER SPACING (STANDARD)

"ACCENT PANEL" ERECTION NOTES

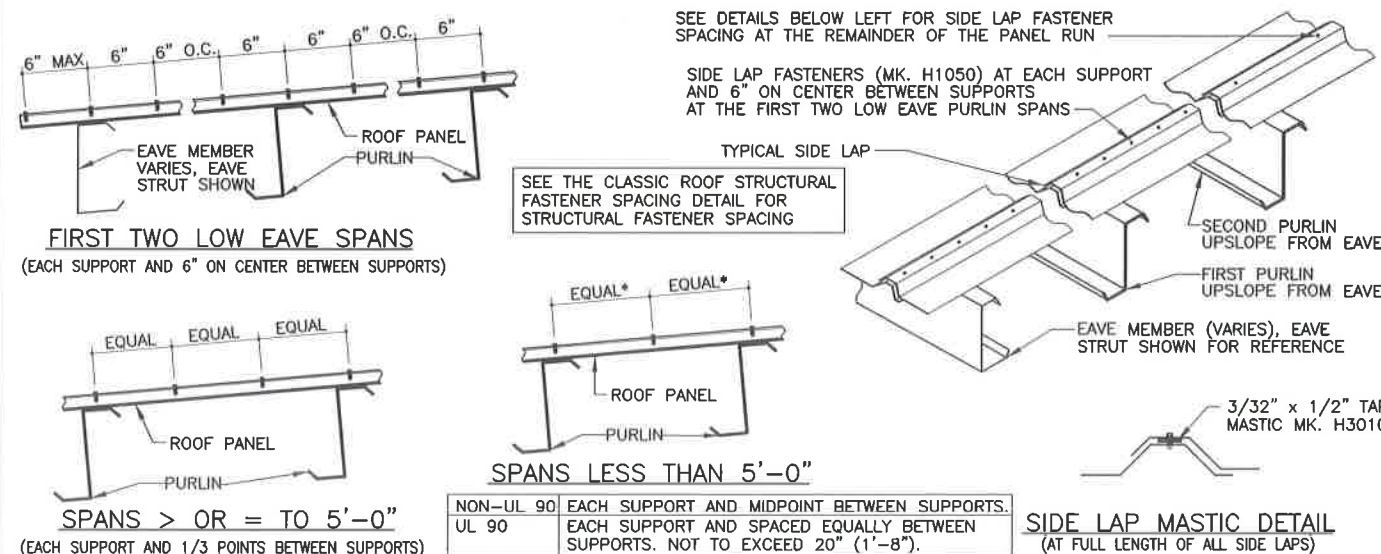


ERECTOR NOTE: 1/2" SIDELAP MASTIC (H3010) IS REQUIRED IN SNOWDRIFT CONDITIONS. REFER TO THE ELEVATIONS FOR LOCATION REQUIREMENTS.

- BLOCK GIRTS TO "LEVEL" POSITION BEFORE STARTING PANEL ERECTION. MAINTAIN WOOD BLOCKING (NOT BY M.B.S.) UNTIL PANEL TO STRUCTURAL FASTENERS ARE INSTALLED.
- ALIGN AND PLUMB FIRST WALL PANEL.
- TO PREVENT "OIL-CANNING", ALL PANEL FASTENERS SHOULD START FROM BASE MEMBER AND THEN BE SECURED TO EACH STRUCTURAL GIRTS TOWARD THE EAVE.
- FOUNDATION MUST BE SQUARE, LEVEL, AND CORRECT TO THE OUT-TO-OUT STEEL LINE DIMENSIONS.
- ERECTION CREW IS TO CLEAN ALL WALL PANELS BEFORE LEAVING JOB SITE.
- ERECTOR IS TO ERECT PANELS SO THAT SIDELAPS ARE AWAY FROM THE MAIN TRAFFIC AREA'S LINE OF SIGHT.
- STORE PANELS PROPERLY TO PREVENT MOISTURE. SEE ERECTION MANUAL.



GUIDELINES FOR FIELD SLOTTING SECONDARY WEBS AT INSET OR FLUSH CONDITION



CLASSIC ROOF SIDE LAP FASTENER SPACING (STANDARD)

AE0080/AF0080

DA0002

DATE	04/15/16	04/15/16					
DESIGNED BY	CDS	RHW	CDS	RHW	CDS	RHW	CDS
CHECKED BY							
APPROVED BY							
ANCHOR BOLT PLANS FOR CONST.	PNG	GRU	CONSL	PNG	GRU	CONSL	
PERMIT DRAWINGS							

OLYMPIA STEEL BUILDING SYSTEMS
400 ISLAND AVENUE
MCKEES ROCKS, PA 15136
PHONE: (888) 449-7756

PROJECT NAME
ROUTT COUNTY ROAD & BRIDGE
OAK CREEK CO

CUSTOMER NAME
ROUTT COUNTY ROAD & BRIDGE
STEAMBOAT SPRINGS CO

JOB NUMBER
U1600196A

SHEET TITLE

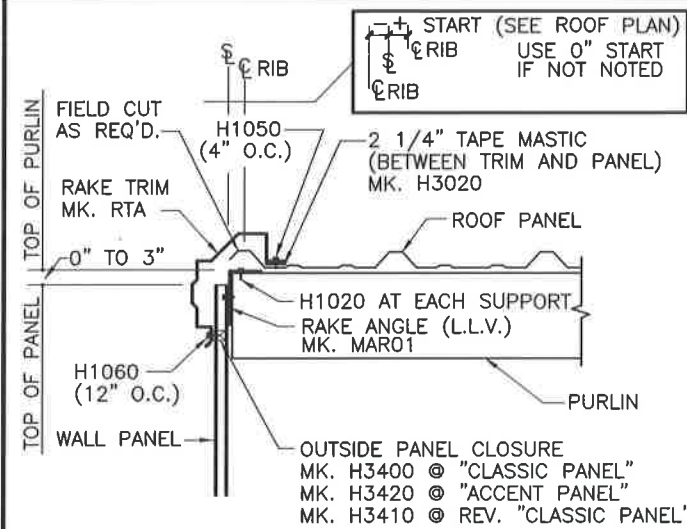
DAVID S. DAVIS
PROFESSIONAL ENGINEER
COLORADO LICENSED
49599

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STANDARD FASTENER SCHEDULE

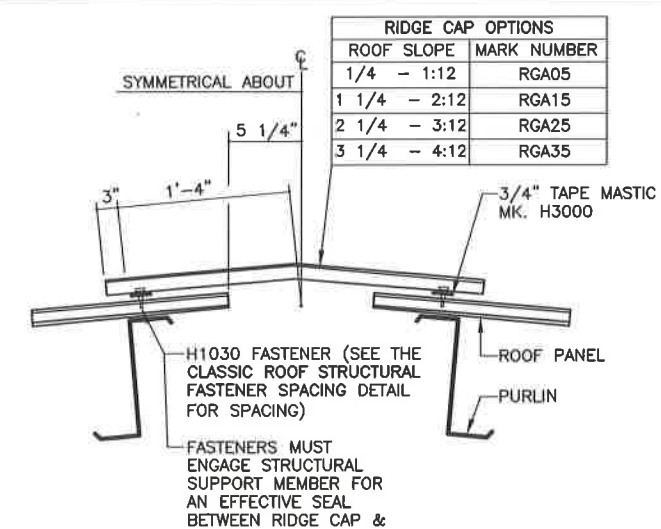
H1000 SELF-TAPPING SCREW (GOOF SCREW) WITH WASHER LONG LIFE FASTENER 3/8" HEAD	H1042 SELF-DRILLING SCREW 12-14 x 7/8" TCP3 W/O WASHER 5/16" HEAD	H1070 SELF-DRILLING SCREW 12-24 x 1 1/2" TCP5 W/O WASHER 5/16" HEAD 1/2" THK MAX DRILLING CAPACITY
H1020 SELF-DRILLING SCREW 1/4-14 x 1 1/4" TCP3 W/O WASHER 3/16" THK MAX DRILLING CAPACITY	H1045 SELF-DRILLING SCREW 12-14 x 2" TCP3 W/O WASHER 5/16" HEAD	
H1030 SELF-DRILLING SCREW 12-14 x 1 1/4" TCP2 WITH WASHER LONG LIFE FASTENER 5/16" HEAD	H1047 SELF-DRILLING SCREW 12-14 x 2" TCP3 FLAT TOP WITH WASHER 5/16" HEAD	H1100 1/8" x 3/16" STAINLESS STEEL BLIND POP RIVET
H1035 SELF-DRILLING SCREW 12-14 x 1 1/2" TCP2 WITH WASHER LONG LIFE FASTENER 5/16" HEAD	H1050 SELF-DRILLING SCREW 1/4-14 x 7/8" TCP1 WITH WASHER LONG LIFE FASTENER 5/16" HEAD	H1110 3/8" STAINLESS GROMMET FASTENER
H1040 SELF-DRILLING SCREW 12-14 x 1 1/4" TCP2 W/O WASHER 5/16" HEAD	H1060 SELF-DRILLING SCREW 12-14 x 7/8" TCP1 W/O WASHER 5/16" HEAD	H1220 SELF-DRILLING SCREW 12-14 x 1" TCP3 W/O WASHER PHILLIPS HEAD
H1041 SELF-DRILLING SCREW 12-14 x 1 1/4" TCP2 FLAT TOP WITH WASHER 5/16" HEAD	H1061 SELF-DRILLING SCREW 12-14 x 7/8" TCP1 FLAT TOP WITH WASHER 5/16" HEAD	

PLEASE REFER TO THE ROOF AND WALL SHEETING ERECTION MANUALS FOR FURTHER ASSEMBLY INSTRUCTIONS



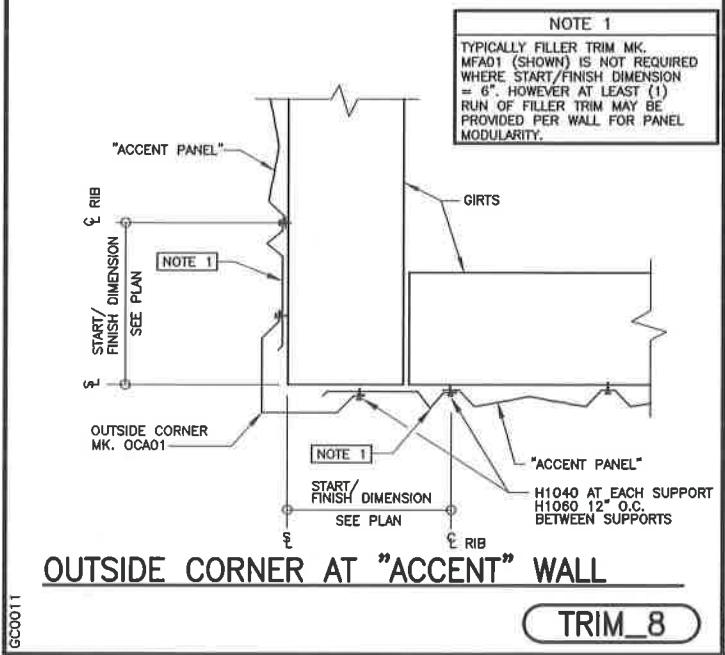
SCULPTURED RAKE AT "CLASSIC" ROOF

SEE WALL SHEETING ERECTION NOTES FOR FASTENER LOCATIONS **TRIM_2**



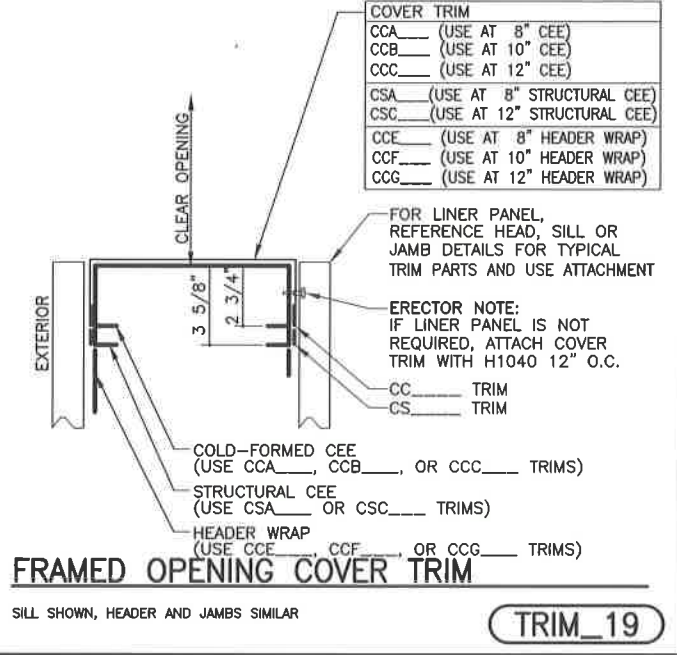
DIE-FORMED RIDGE AT "CLASSIC" ROOF

TRIM_3



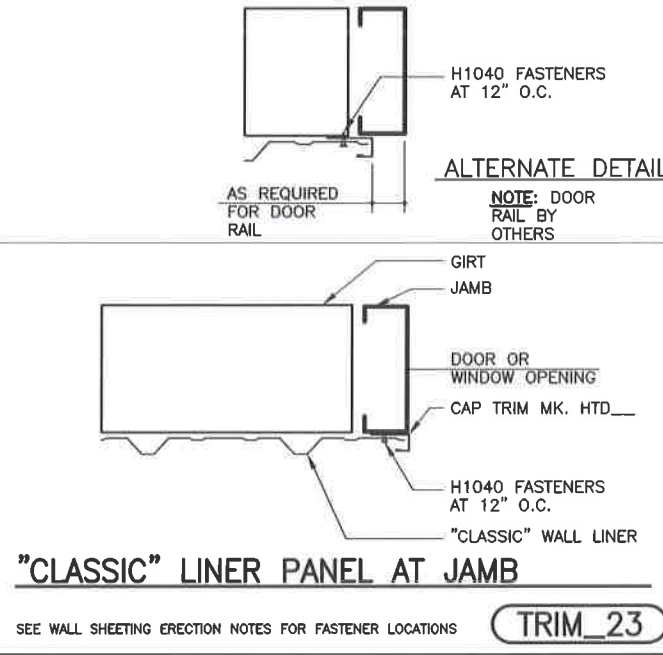
OUTSIDE CORNER AT "ACCENT" WALL

TRIM_8



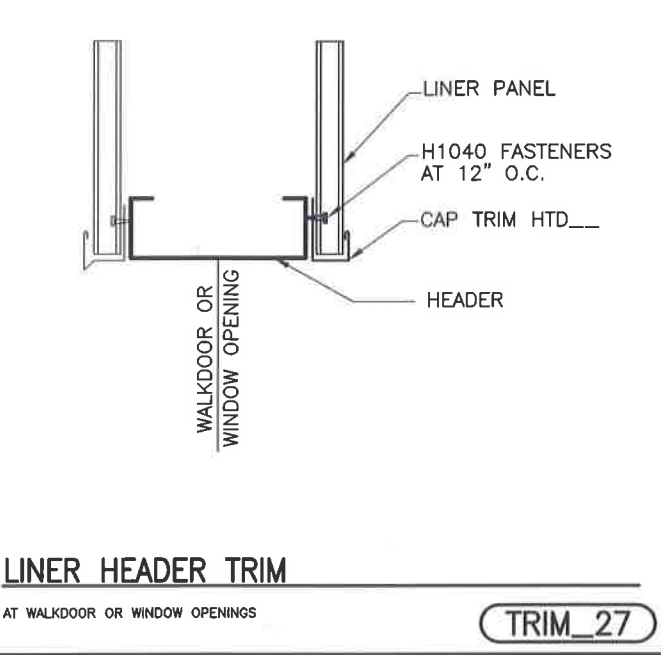
FRAMED OPENING COVER TRIM

SILL SHOWN, HEADER AND JAMBS SIMILAR **TRIM_19**



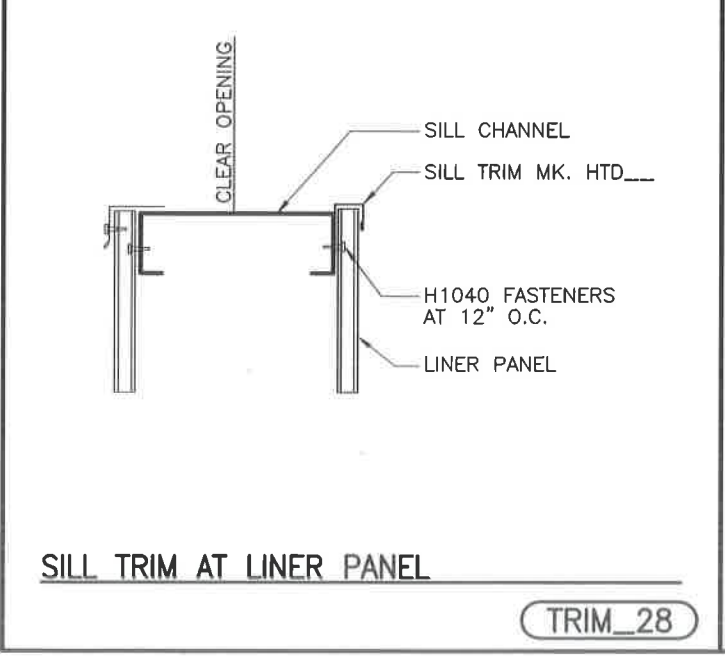
"CLASSIC" LINER PANEL AT JAMB

SEE WALL SHEETING ERECTION NOTES FOR FASTENER LOCATIONS **TRIM_23**



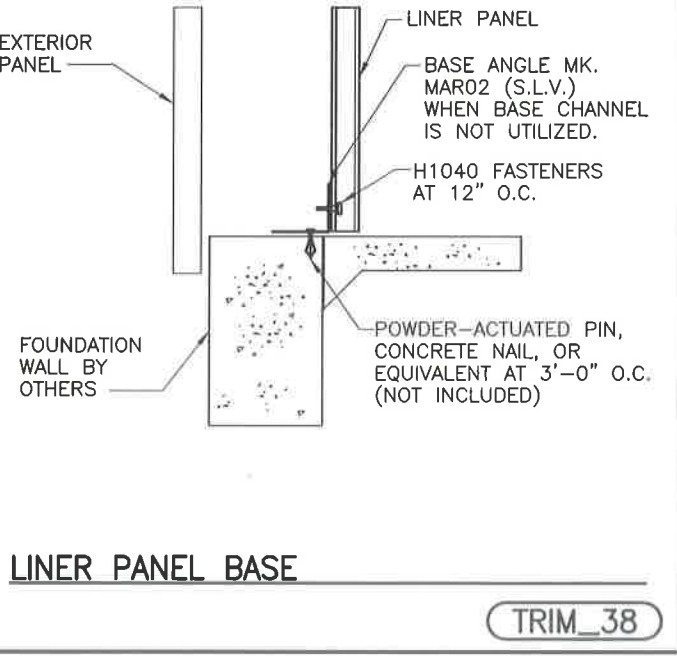
LINER HEADER TRIM

AT WALKDOOR OR WINDOW OPENINGS **TRIM_27**



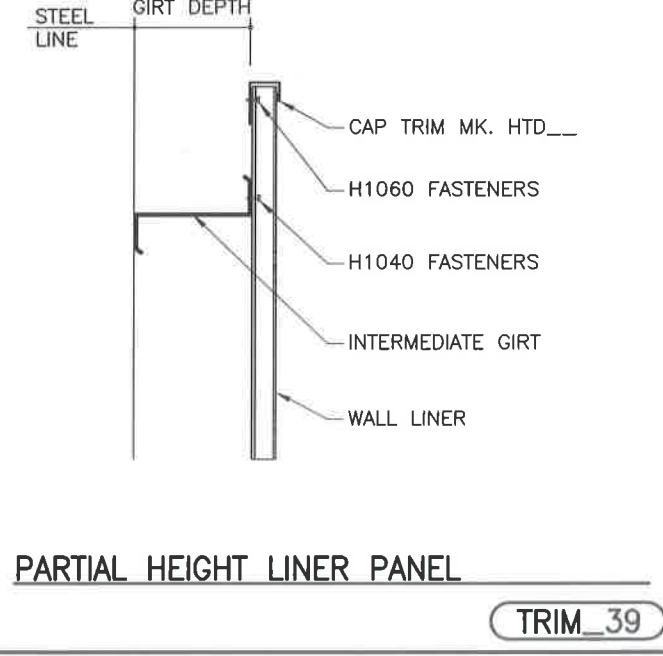
SILL TRIM AT LINER PANEL

TRIM_28



LINER PANEL BASE

TRIM_38



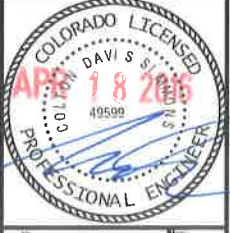
PARTIAL HEIGHT LINER PANEL

TRIM_39

Anchor Bolt Plans for Const.	PNG	GRU	RHW	CDS	04/15/16
Permit Drawings	PNG	GRU	RHW	CDS	04/15/16

OLYMPIA STEEL BUILDING SYSTEMS
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PHONE: (888) 448-7756

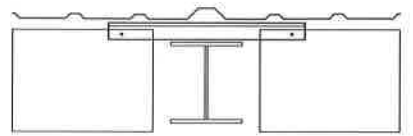
PROJECT NAME
ROUTT COUNTY ROAD & BRIDGE
OAK CREEK CO
CUSTOMER NAME
ROUTT COUNTY ROAD & BRIDGE
STEAMBOAT SPRINGS CO
JOB NUMBER
U1600196A
SHEET TITLE



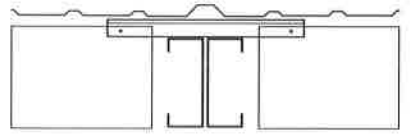
These drawings were prepared by the manufacturer. The drawings and the steel buildings which they represent are the product of the Metal Building Manufacturer. The registered professional engineer whose seal appears on these drawings is employed by the Metal Building Manufacturer and does not serve as or represent an independent engineering firm. The drawings shall not be construed as such.

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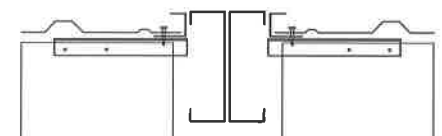
BUILT UP COLUMN
(FLANGE EXTENDS PAST INSIDE FACE OF GIRT)



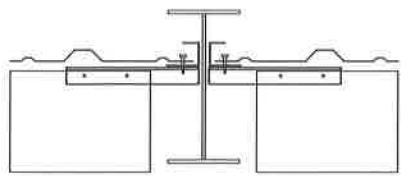
BUILT UP COLUMN
(FLANGE INSET TO INSIDE FACE OF GIRT)



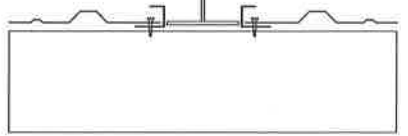
SINGLE OR DOUBLE CEE COLUMN
(FLANGE INSET TO INSIDE FACE OF GIRT)



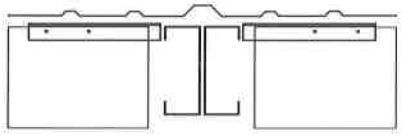
SINGLE OR DOUBLE CEE COLUMN
(FLANGE EXTENDS PAST INSIDE FACE OF GIRT)



BUILT UP COLUMN
(FLANGE EXTENDS PAST INSIDE FACE OF GIRT)



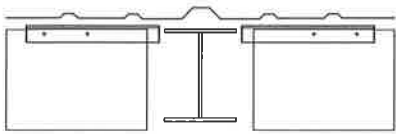
BUILT UP COLUMN OR RAFTER
(GIRT OR PURLIN BYPASSES FRAME)



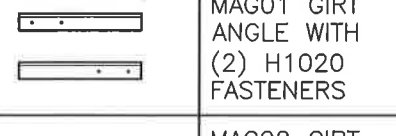
SINGLE OR DOUBLE CEE COLUMN
(FLANGE FLUSH TO INSIDE FACE OF GIRT)



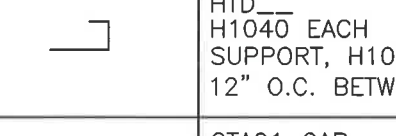
SINGLE CEE COLUMN
(GIRT BYPASSES FRAME)



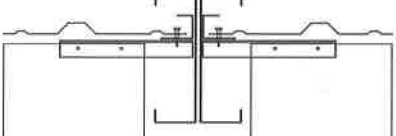
BUILT UP COLUMN
(FLANGE FLUSH TO INSIDE FACE OF GIRT)



MAG02 GIRT ANGLE WITH (2) H1020 FASTENERS



HTD H1040 EACH SUPPORT, H1060 12" O.C. BETWEEN



CTA01 CAP TRIM WITH H1100 RIVETS AT 36" O.C.

SINGLE-DOUBLE 12" CEE COLUMN
(FLANGE EXTENDS PAST INSIDE FACE OF GIRT)



"CLASSIC" LINER TERMINATION DETAILS AT INTERMEDIATE COLUMNS

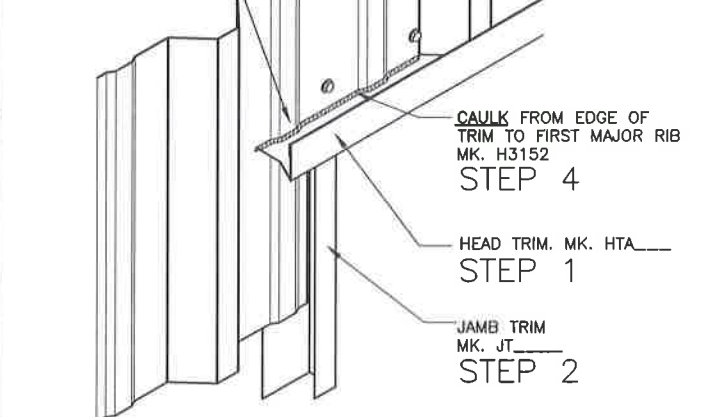
TRIM_32

PARTS LEGEND

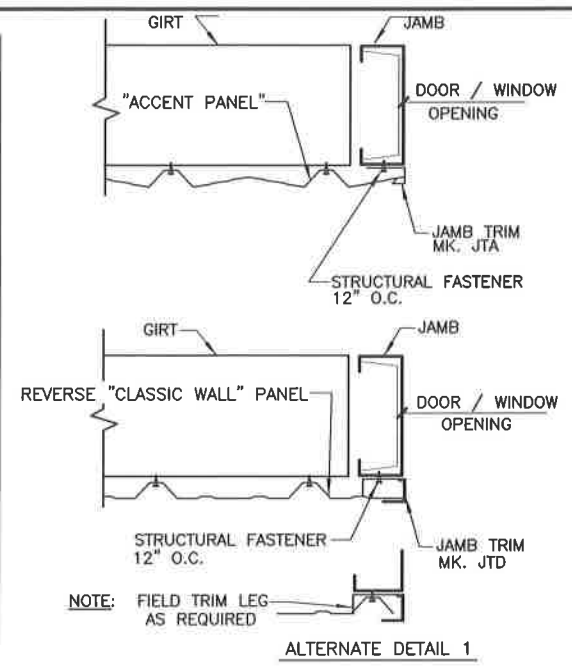
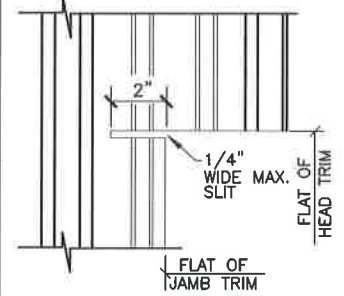
	MAG01 GIRT ANGLE WITH (2) H1020 FASTENERS
	MAG02 GIRT ANGLE WITH (2) H1020 FASTENERS
	HTD H1040 EACH SUPPORT, H1060 12" O.C. BETWEEN
	CTA01 CAP TRIM WITH H1100 RIVETS AT 36" O.C.

PANEL SLIT STEP 3

SLIT PANEL 2" AND SLIDE ONTO HEAD TRIM (SEE ABOVE) STEP 3

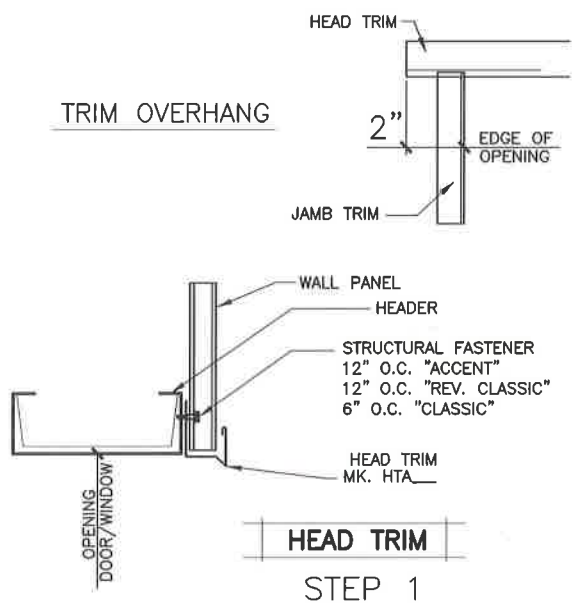


6D0040 DOOR FRAMED OPENING TRIM DETAIL
FOR ALL STANDARD WALL PANEL TYPES
LEFT HAND SHOWN, RIGHT HAND SIMILAR
TRIM_98



FASTENER KEY
STITCH FASTENER = H106_
STRUCTURAL FASTENER = H104_
WITH COLD-FORM
STRUCTURAL FASTENER = H1070
WITH HOT-ROLLED

JAMB TRIM STEP 2
NOTE: FIELD CUT PANELS AS REQUIRED



HEAD TRIM STEP 1

DATE	04/15/16
BY	GRU RHW
CHECKED	GRU RHW
DATE	04/15/16
BY	GRU RHW
CHECKED	GRU RHW
DATE	
BY	
CHECKED	
DATE	
BY	
CHECKED	

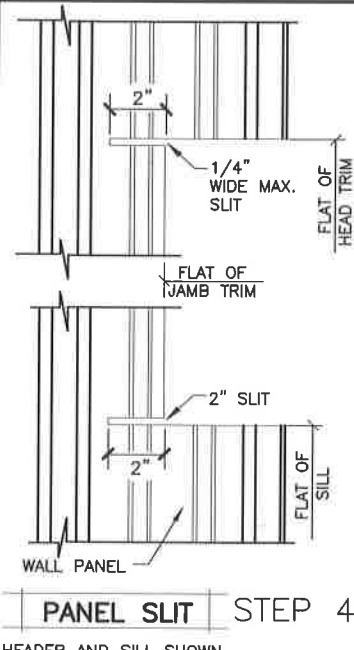
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OAK CREEK CO
CUSTOMER NAME
ROUTT COUNTY ROAD & BRIDGE
STEAMBOAT SPRINGS CO
JOB NUMBER
U1600196A
SHEET TITLE

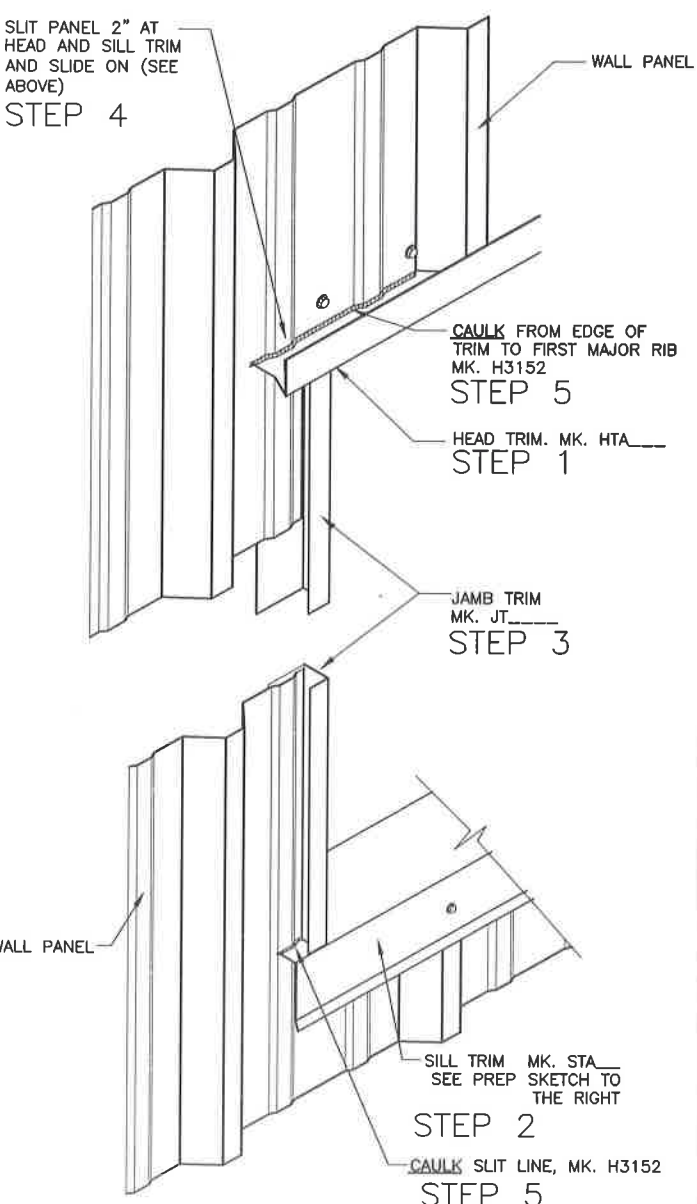


These drawings were prepared by the undersigned in accordance with the requirements of the Colorado Building Code and the rules and regulations of the State Board of Professional Engineers. The undersigned hereby certifies that he is a duly licensed Professional Engineer in the State of Colorado and that he is the author of these drawings. The registered professional engineer who has signed these drawings is employed by the Metal Building Manufacturers Association and does not intend to be construed as an endorsement of the product or service of the Metal Building Manufacturers Association.

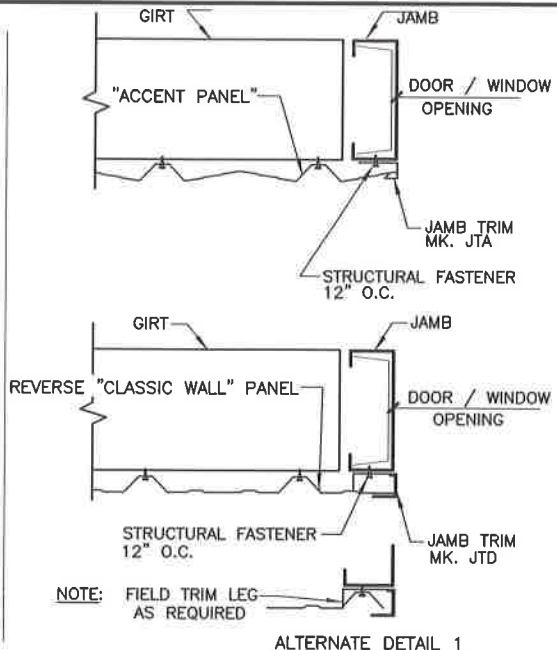
D6 of 9



HEADER AND SILL SHOWN

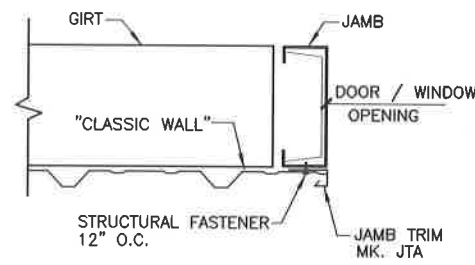


WINDOW FRAMED OPENING TRIM DETAIL
FOR ALL STD WALL PANEL TYPES. TYPICAL INSTALL
LEFT HAND SHOWN, RIGHT HAND SIMILAR

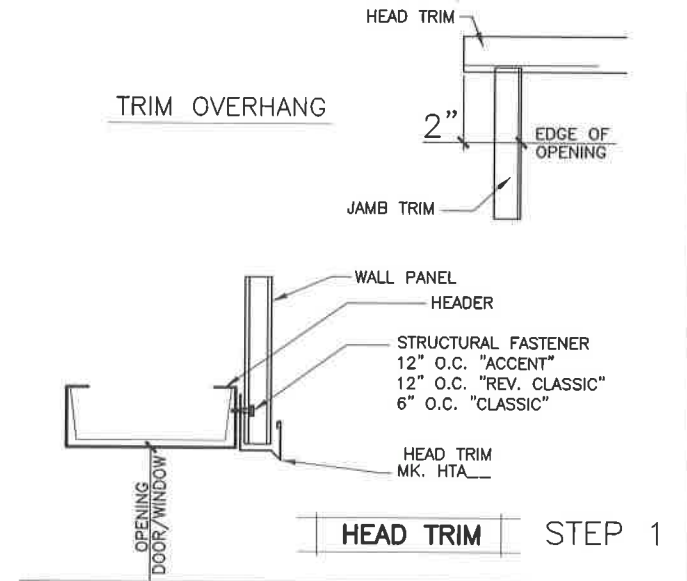


ALTERNATE DETAIL 1

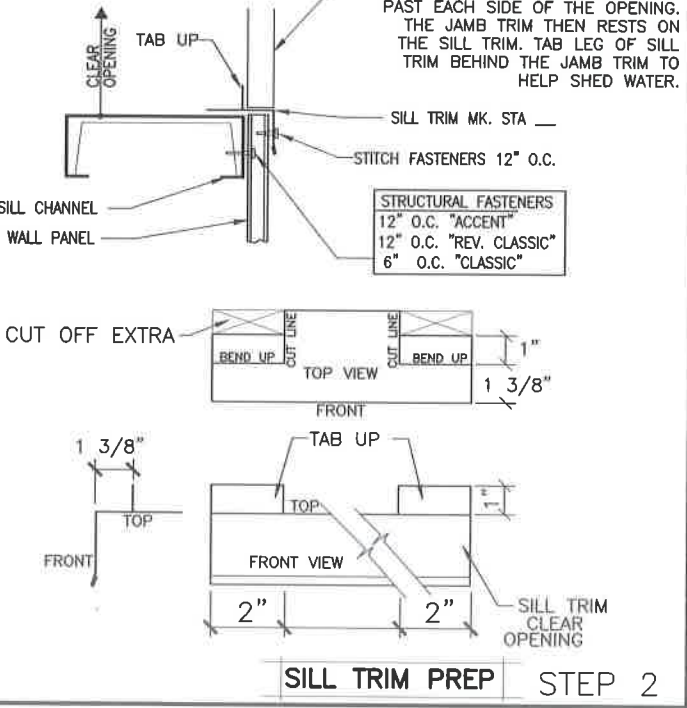
FASTENER KEY
STITCH FASTENER = H106_
STRUCTURAL FASTENER = H104_
WITH COLD-FORM
STRUCTURAL FASTENER = H1070
WITH HOT-ROLLED



JAMB TRIM STEP 3
NOTE: FIELD CUT PANELS AS REQUIRED



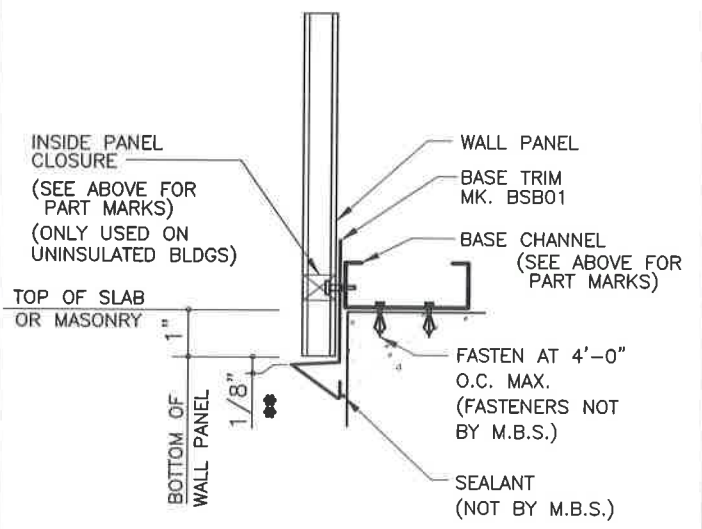
HEAD TRIM STEP 1



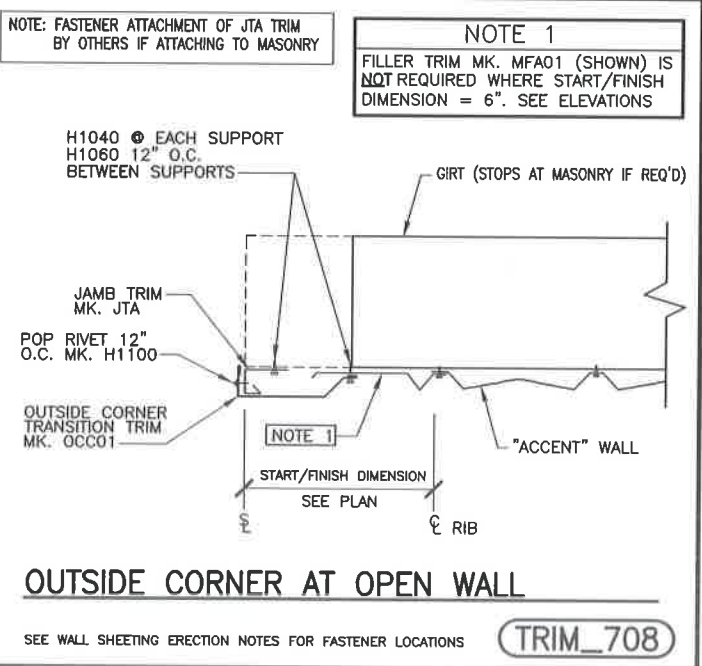
SILL TRIM PREP STEP 2

OUTSIDE CORNER TRIM MK. H4200
INSIDE CORNER TRIM MK. H4210
END CLOSURE MK. H4220 (PW). APPLY TUBE CAULK (H3152) ALL AROUND AND INSERT INTO THE END OF THE BSB01 TRIM AT FRAMED OPENINGS.
BASE CHANNEL PART MARKS
8" CHANNEL - MK. B8C01
10" CHANNEL - MK. B1C01
12" CHANNEL - MK. B2C01
PANEL CLOSURE PART MARKS
CLASSIC - MK. H3410
ACCENT - MK. H3430
REV. CLASSIC - MK. H3400

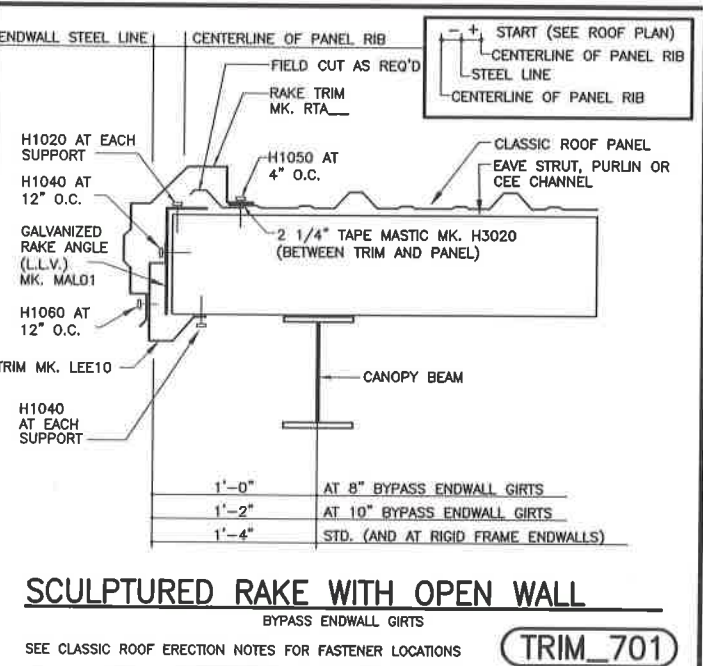
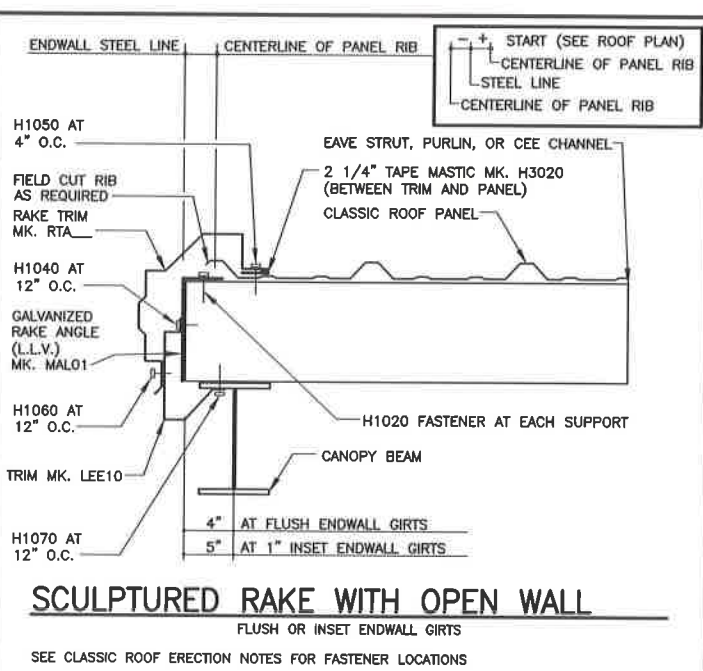
ERECTOR NOTES:
- UNTIL WALL PANELS ARE INSTALLED, (3) H1040 SCREWS ARE TO BE USED FOR TEMPORARY INSTALLATION OF THE BASE TRIM.
- PANEL SCREWS MUST ENGAGE THE BASE CHANNEL.
- FIELD NOTCHING OF THE BASE CHANNEL MAY BE REQUIRED AT THE COLUMNS AND CORNERS.



BASE TRIM WITH CHANNEL
SEE WALL PANEL ERECTION NOTES FOR FASTENER LOCATIONS
● - 1/8" GAP RECOMMENDED FOR WATER DRAINAGE



OUTSIDE CORNER AT OPEN WALL
SEE WALL SHEETING ERECTION NOTES FOR FASTENER LOCATIONS



SCULPTURED RAKE WITH OPEN WALL
BYPASS ENDWALL GIRTS

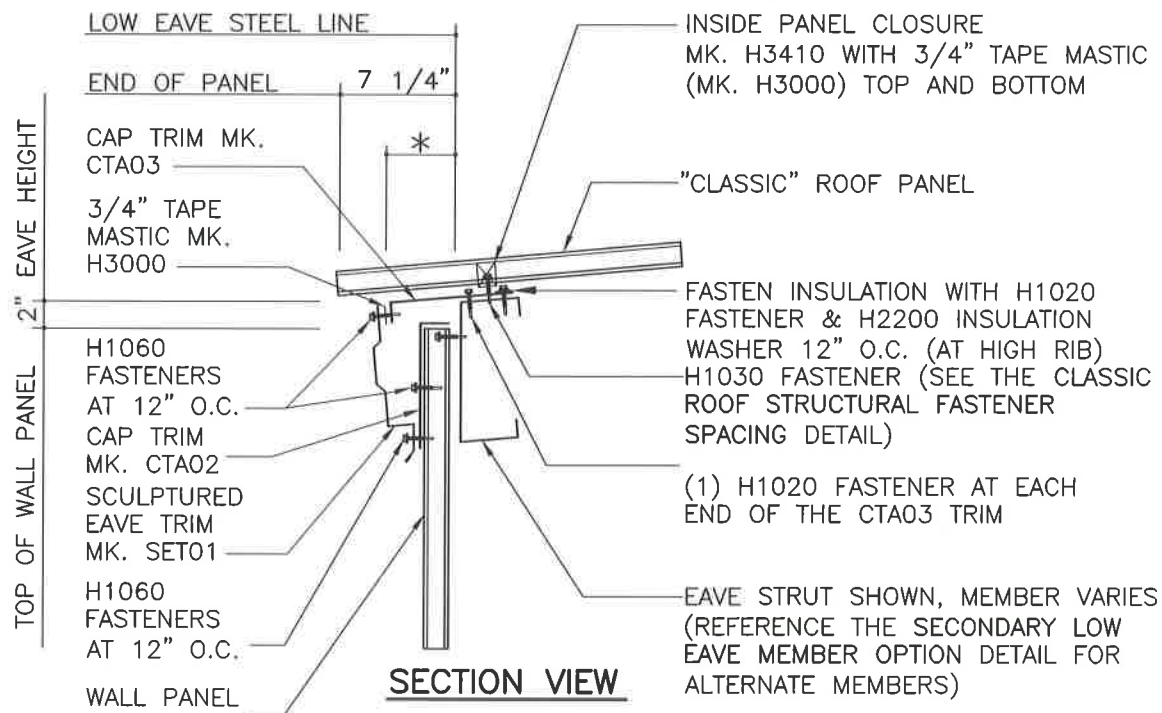
DATE	04/15/16	04/15/16
ISSUE		
WORK	PMG GRU RHW	PMG GRU RHW
DESIGN	PMG GRU RHW	PMG GRU RHW
PERMIT	PMG GRU RHW	PMG GRU RHW
ANCHOR BOLT PLANS FOR CONST.		
PERMIT DRAWINGS		

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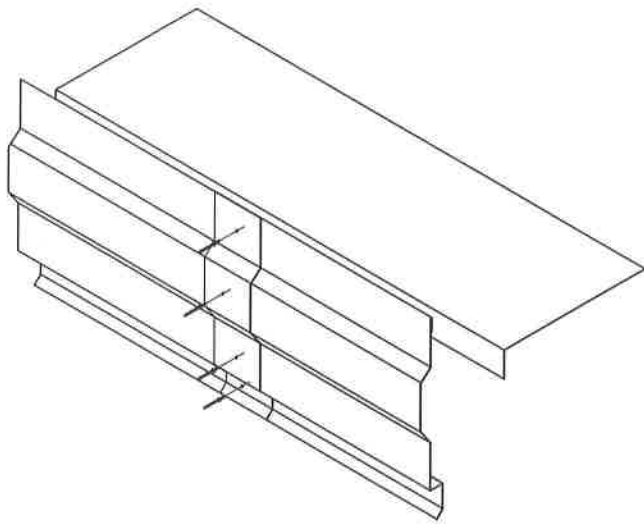
PROJECT NAME
ROUTT COUNTY ROAD & BRIDGE
OAK CREEK CO
CUSTOMER NAME
ROUTT COUNTY ROAD & BRIDGE
STEAMBOAT SPRINGS CO
JOB NUMBER
U1600196A



SHEET TITLE
U1600196A
SHEET
D7 of 9



	3" AT 1/2:12 ROOF SLOPE
	3 1/2" AT 1:12 ROOF SLOPE
*	4 1/8" AT 2:12 ROOF SLOPE
	4 5/8" AT 3:12 ROOF SLOPE
	5 1/8" AT 4:12 ROOF SLOPE

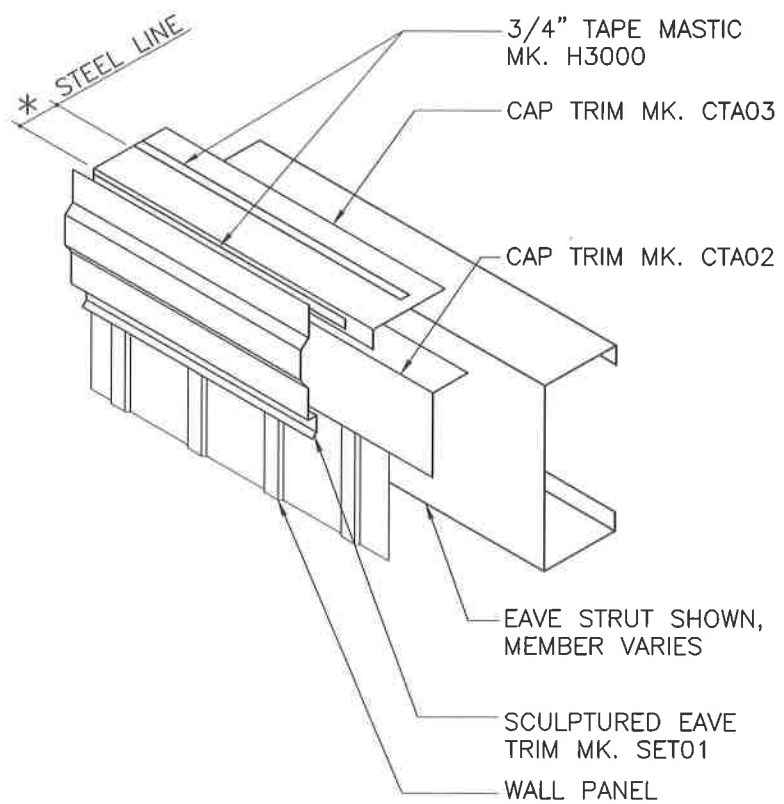


SCULPTURED EAVE TRIM SPLICE

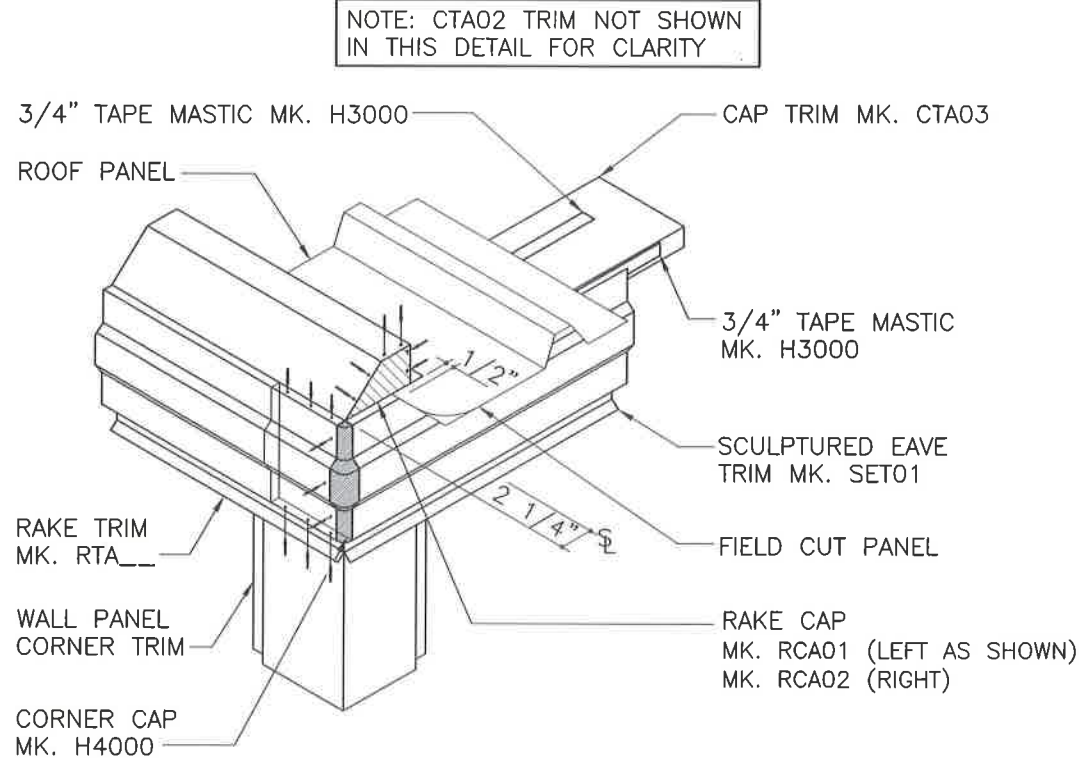
APPLY A CONTINUOUS BEAD OF TUBE CAULK (MK. H3152) TO THE END OF THE ADJOINING TRIM PIECE AND LAP 1". FASTEN WITH (4) COLORED POP RIVETS (MK. H1100) AS SHOWN.

FOLLOW THE CLASSIC ROOF ERECTION MANUAL WITH THE FOLLOWING EXCEPTIONS AT SCULPTURED EAVE TRIM APPLICATIONS:

- 1) THE CTA03 CAP TRIM ON THE EAVE STRUT MUST BE ERECTED PRIOR TO INSTALLING THE ROOF PANEL AND THE SCULPTURED EAVE TRIM. (SEE THE CLASSIC ROOF ERECTION MANUAL).
- 2) INSULATION MUST BE INSTALLED PRIOR TO INSTALLING THE ROOF PANELS. INSULATION IS NOT SHOWN IN THIS DETAIL FOR CLARITY. (SEE THE CLASSIC ROOF ERECTION MANUAL FOR PROPER INSTALLATION OF THE INSULATION)
- 3) INSTALL 3/4" TAPE MASTIC (MK. H3000) TO THE SHORT VERTICAL LEG OF THE CTA03 CAP TRIM. EXTEND THE SCULPTURED EAVE TRIM 2 1/4" PAST THE ENDWALL STEEL LINE (1" PAST THE EDGE OF THE WALL CORNER TRIM). COPE THE BOTTOM VERTICAL LEG FLUSH WITH THE EDGE OF THE CORNER TRIM. FASTEN THE TRIM TO THE WALL PANEL AND CAP TRIM WITH H1060 FASTENERS AT 12" O.C.
- 4) APPLY A CONTINUOUS BEAD OF TUBE CAULK (MK. H3152) AROUND THE PERIMETER OF THE RCA__ CORNER CAP, CLOSE TO THE INSIDE EDGE OF THE CAP.
- 5) INSERT THE CORNER CAP INTO THE SCULPTURED RAKE TRIM, LEAVING 1/2" EXPOSURE ALL AROUND. FASTEN WITH (3) H1100 COLORED POP RIVETS AT FRONT ONLY.
- 6) INSTALL THE RAKE CAP AT THE RAKE EDGE OF THE SCULPTURED EAVE TRIM & 1/2" FROM THE FIRST VERTICAL FACE OF THE SCULPTURED EAVE (AS SHOWN AT LEFT). UTILIZE TUBE CAULK (MK. H3152) AROUND THE PERIMETER OF EDGE OF THE RAKE CAP.
- 7) APPLY A BEAD OF TUBE CAULK (MK. H3152) 1 1/2" FROM THE FACE OF THE EAVE TRIM ALONG THE RAKE SIDE OF THE CORNER CAP. THIS BEAD SHOULD INCLUDE BOTH THE TOP & BOTTOM EDGES OF THE CORNER CAP.
- 8) INSTALL THE RAKE TRIM RTA__ PER THE CLASSIC ROOF ERECTION MANUAL, 1/2" FROM THE FACE OF THE SCULPTURED EAVE TRIM.
- 9) FASTEN THE CORNER CAP AND THE RAKE CAP, AS SHOWN AT LEFT, WITH (15) COLORED POP RIVETS (MK. H1100).



ISOMETRIC VIEW AT LOW EAVE



ISOMETRIC VIEW AT CORNER

POP RIVET

SCULPTURED EAVE TRIM w/ CLASSIC ROOF

SEE WALL PANEL ERECTION NOTES FOR FASTENER LOCATIONS

TRIM_850

DATE	04/15/16
ISSUE	
REV	
DATE	04/15/16
ISSUE	
REV	
DATE	04/15/16
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DATE	04/15/16
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REV	
DATE	04/15/16
ISSUE	
REV	

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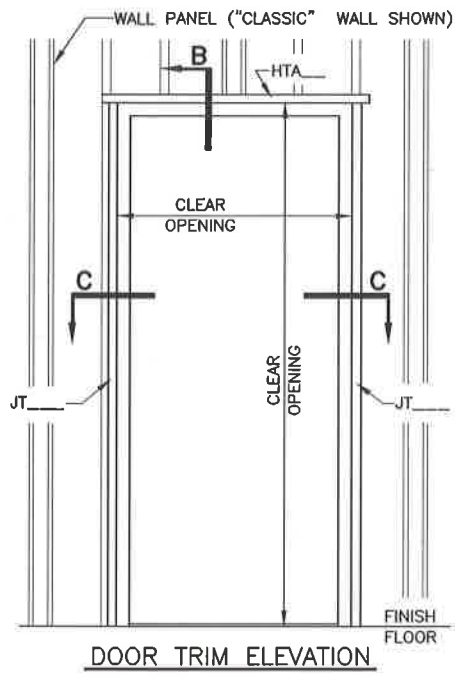
PROJECT NAME
 ROUTT COUNTY ROAD & BRIDGE
 OAK CREEK CO
 CUSTOMER NAME
 ROUTT COUNTY ROAD & BRIDGE
 STEAMBOAT SPRINGS CO
 JOB NUMBER
 U1600196A



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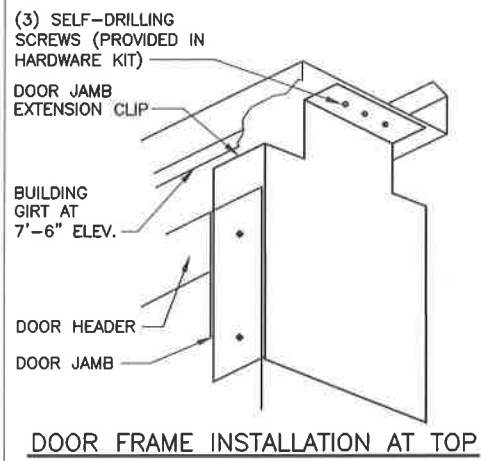
SHEET
 D8 of 9

GA0020

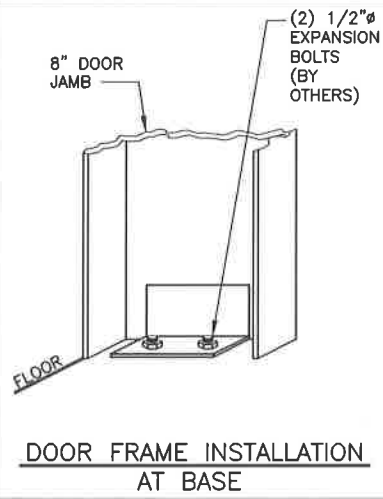


KNOCK DOWN DOOR ERECTION DETAILS

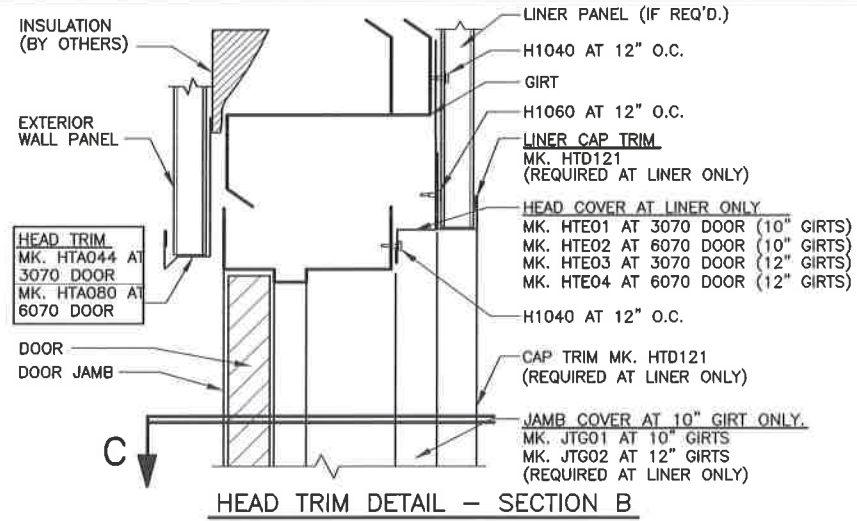
- 1) USE ONLY WHERE KNOCK DOWN DOORS ARE REQUIRED. SEE COVERSHEET (SHEET C1) FOR DOOR REQUIREMENTS.
- 2) FOLLOW DOOR AND FRAME ASSEMBLY INSTRUCTIONS PACKAGED WITH FRAME KIT.
- 3) HTA & JT TRIMS ARE FACTORY CUT TO LENGTH.



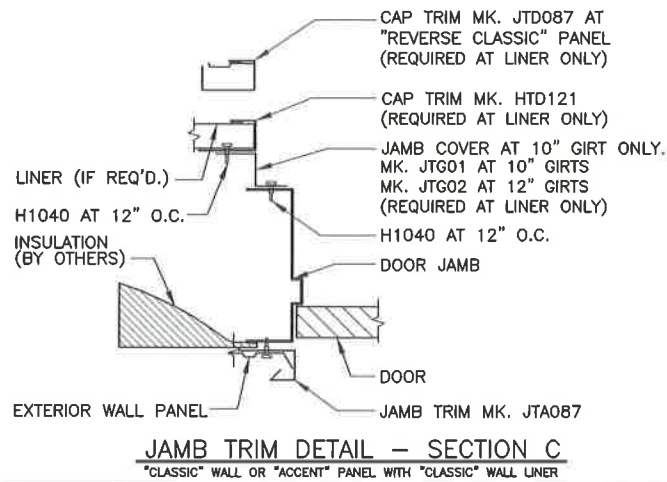
DOOR FRAME INSTALLATION AT TOP



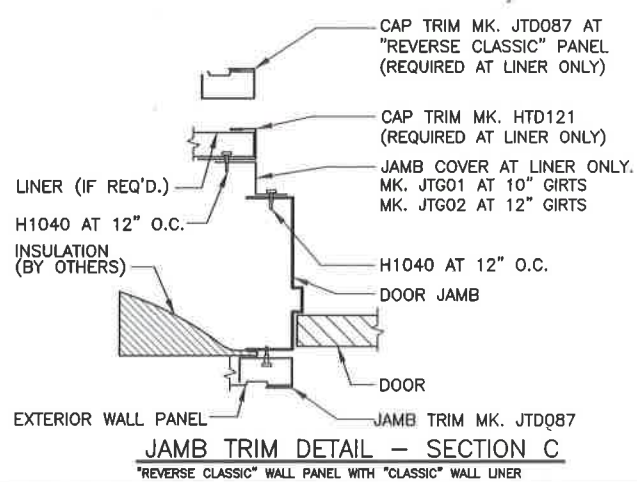
DOOR FRAME INSTALLATION AT BASE



HEAD TRIM DETAIL - SECTION B



JAMB TRIM DETAIL - SECTION C
"CLASSIC" WALL OR "ACCENT" PANEL WITH "CLASSIC" WALL LINER



JAMB TRIM DETAIL - SECTION C
"REVERSE CLASSIC" WALL PANEL WITH "CLASSIC" WALL LINER

DO NOT ATTACH INTERMEDIATE GIRT BELOW 7'-6" TO PRE-ASSEMBLED DOOR SUB-JAMB. EXTRA JAMBS HAVE BEEN PROVIDED FOR ATTACHMENT OF THE INTERMEDIATE GIRT BELOW 7'-6".

DATE	BY	FOR
04/15/16	CD	CD
04/15/16	CD	CD

Anchor Bolt Plans for Const.
Permit Drawings

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