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PROJECT NAME: BISHOP PARK

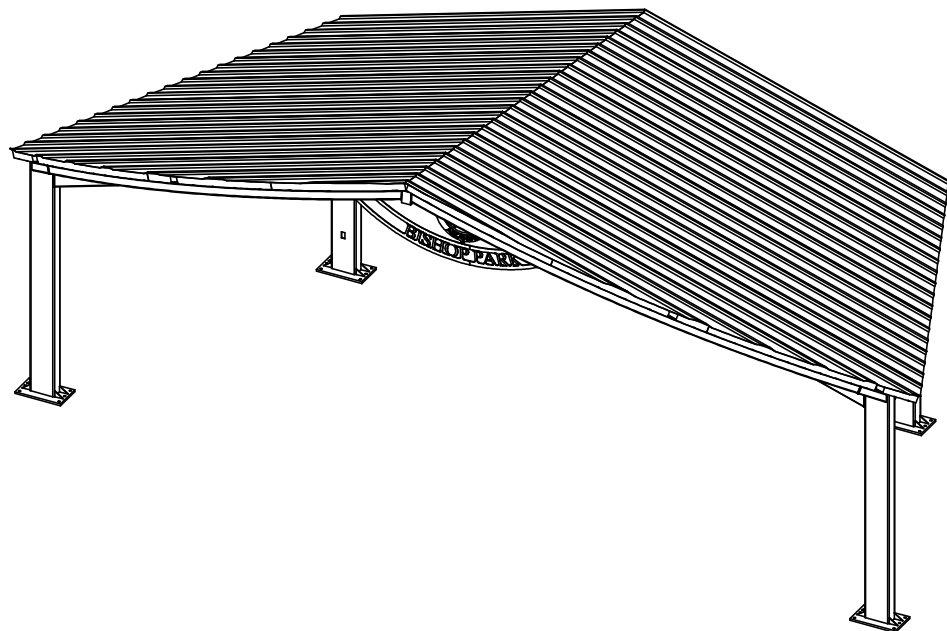
PROJECT LOCATION: BRYANT, AR

BUILDING TYPE: KMO 50X25

ROOF TYPE: MULTI-RIB OVER SIP

BUILDING NUMBER: P11010

ORDER NUMBER: 67063



DRAWING LIST:

SHEET NUMBER	DRAWING DESCRIPTION
CS	COVER SHEET
1	ARCHITECTURAL ELEVATIONS
2-2.1	ANCHOR AND FOOTING LAYOUT / DETAILS
3-3.1	STRUCTURAL FRAMING PLAN
4-4.3	FRAME CONNECTION DETAILS
5-5.2	ROOF LAYOUT
6-6.2	ROOF CONNECTION DETAILS

MANUFACTURER NOTES:

MATERIALS:

DESCRIPTION	ASTM DESIGNATION
TUBE STEEL	A500 (GRADE B)
SCHEDULE PIPE	A53 (GRADE B)
RMT PIPE	A519
LIGHT GAGE COLD FORMED	A1003 (GRADE 50)
STRUCTURAL STEEL PLATE	A36
ROOF PANELS (STEEL)	A653
ANCHOR BOLTS	SEE SHEET 2.1

GENERAL NOTES:

UNLESS NOTED OTHERWISE, THIS STRUCTURE WAS DESIGNED TO ONLY SUPPORT WHAT IS SHOWN ON THESE DRAWINGS. POLIGON MUST BE CONTACTED IF ANYTHING ELSE IS TO BE ATTACHED TO THIS STRUCTURE (WALLS, COLUMN WRAPS, RAILINGS, ETC.) SO THE DESIGN OF THIS STRUCTURE CAN BE REVIEWED AND POSSIBLY REVISED.

UNLESS NOTED OTHERWISE, THIS STRUCTURE WAS DESIGNED ASSUMING A 20' SEPARATION BETWEEN ANY ADJACENT STRUCTURE WITH AN EAVE HEIGHT EQUAL TO OR GREATER THAN THE EAVE HEIGHT OF THIS STRUCTURE. IF THAT SEPARATION DOES NOT EXIST, POLIGON MUST BE CONTACTED SO THE DESIGN OF THIS STRUCTURE CAN BE REVIEWED AND POSSIBLY REVISED.

STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED, AND ERECTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) SPECIFICATION MANUAL.

ALL WELDING IS PERFORMED BY AMERICAN WELDING SOCIETY CERTIFIED WELDERS AND CONFORMS TO THE LATEST EDITION OF AWS D1.1 OR D1.3 AS REQUIRED.

PARTS SHOWN MAY BE UPGRADED DUE TO STANDARDIZED FABRICATION. REFER TO THE SHIPPING BILL OF MATERIALS AND FINAL INSTALLATION INSTRUCTIONS INCLUDED WITH THE STRUCTURE FOR POSSIBLE SUBSTITUTIONS AND IMPROVEMENTS.

FOR PROPER FIELD INSTALLATION OF THE BUILDING IT IS RECOMMENDED THAT THE PRIMARY FRAME INSTALLER AND THE ROOF INSTALLER HAVE A MINIMUM FIVE (5) YEARS DOCUMENTED EXPERIENCE INSTALLING THIS TYPE OF PRODUCT.

FOR PROPER FIELD INSTALLATION OF THE BUILDING IT IS RECOMMENDED THAT ELECTRIC WIRING, IF REQUIRED, BE RUN THROUGH THE STRUCTURAL MEMBERS BEFORE THE BUILDING IS ERECTED.

FABRICATOR APPROVALS:

- CITY OF PHOENIX, AZ APPROVED FABRICATOR #C08-2010
- CITY OF LOS ANGELES, CA APPROVED FABRICATOR #1596
- CITY OF RIVERSIDE, CA APPROVED FABRICATOR #SP06-0033
- CITY OF HOUSTON, TX APPROVED FABRICATOR #470
- CLARK COUNTY, NV APPROVED FABRICATOR #264
- STATE OF UTAH APPROVED FABRICATOR 02008-14

CERTIFICATES:

- MIAMI-DADE COUNTY CERTIFICATE OF COMPETENCY NO. 19-0806.05
- PCI (POWDER COATING INSTITUTE) 4000 CERTIFIED

DESIGN CRITERIA:

GENERAL:

2012 INTERNATIONAL BUILDING CODE
 RISK CATEGORY: II

DEAD LOAD:

ROOF DEAD LOAD: 6 PSF
 FRAME DEAD LOAD: SELF WEIGHT

LIVE LOAD:

ROOF LIVE LOAD: 20 PSF

SNOW DESIGN DATA:

GROUND SNOW LOAD (Pg): 10 PSF
 FLAT ROOF SNOW LOAD (Pf): 10 PSF
 SNOW EXPOSURE FACTOR (Ce): 1.0
 SNOW LOAD IMPORTANCE FACTOR (Is): 1.0
 THERMAL FACTOR (Ct): 1.2

WIND DESIGN DATA:

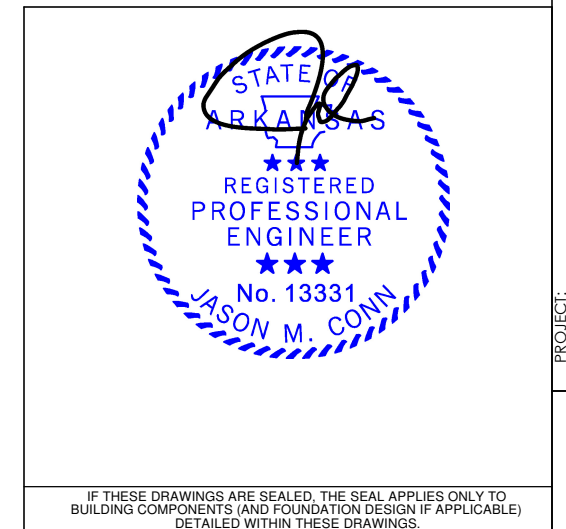
BASIC WIND SPEED (V): 115 MPH
 GUST EFFECT FACTOR (G): 0.85
 INTERNAL PRESSURE COEFFICIENT (GCpi): 0
 WIND EXPOSURE: C

SEISMIC DESIGN DATA:

STEEL ORDINARY CANTILEVER COLUMN SYSTEMS
 SEISMIC IMPORTANCE FACTOR (Ie): 1.0
 SEISMIC DESIGN CATEGORY: D
 SEISMIC SITE CLASS: D
 SEE CALCULATIONS FOR ADDITIONAL DATA

ADDITIONAL CRITERIA:

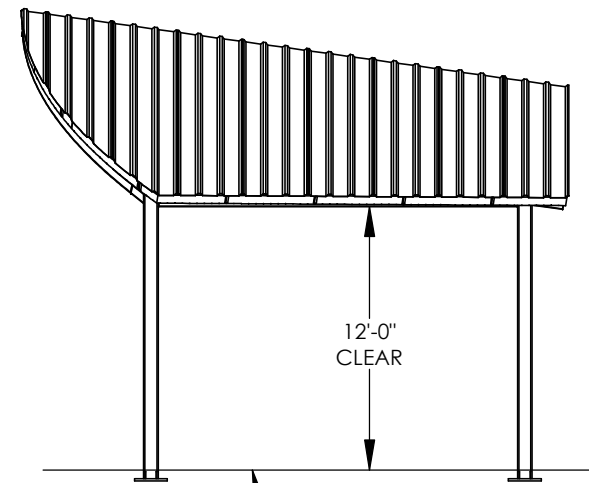
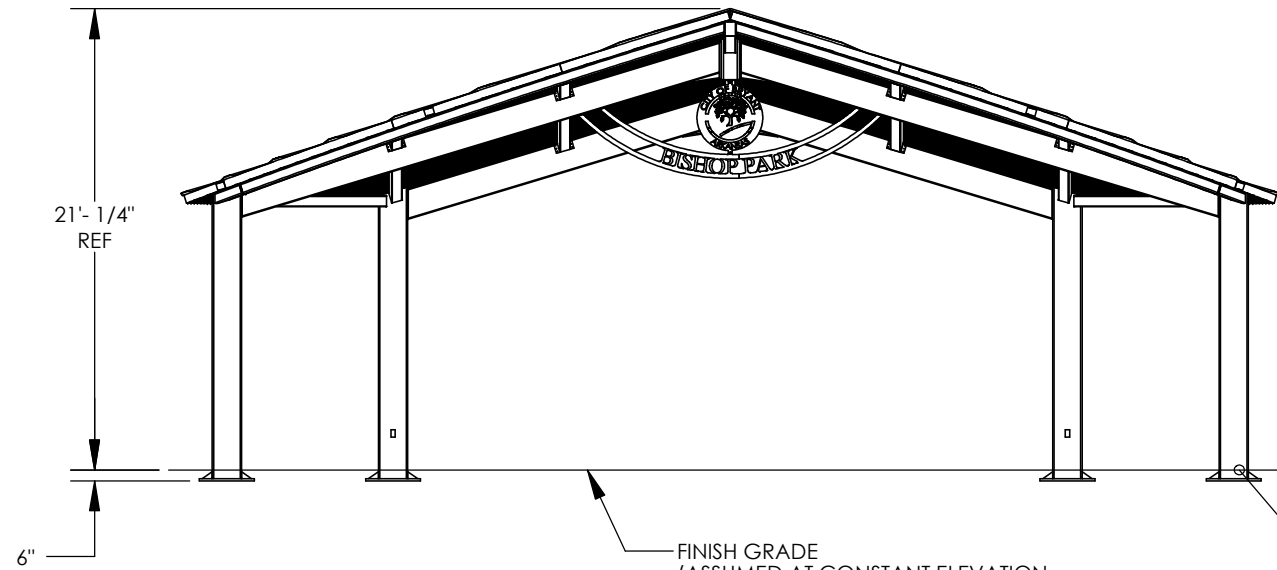
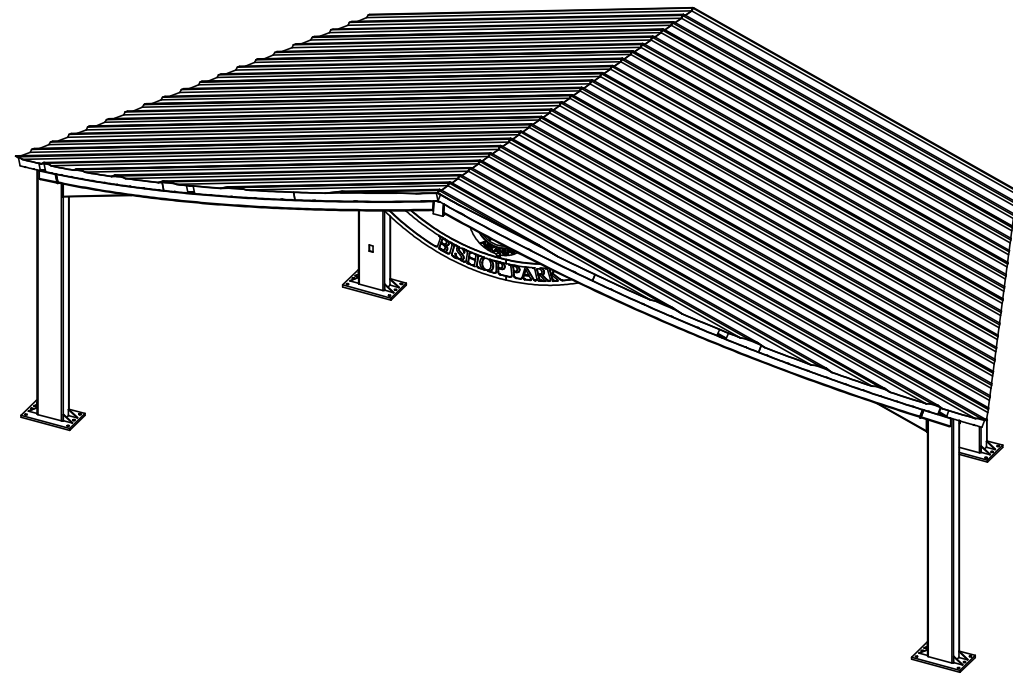
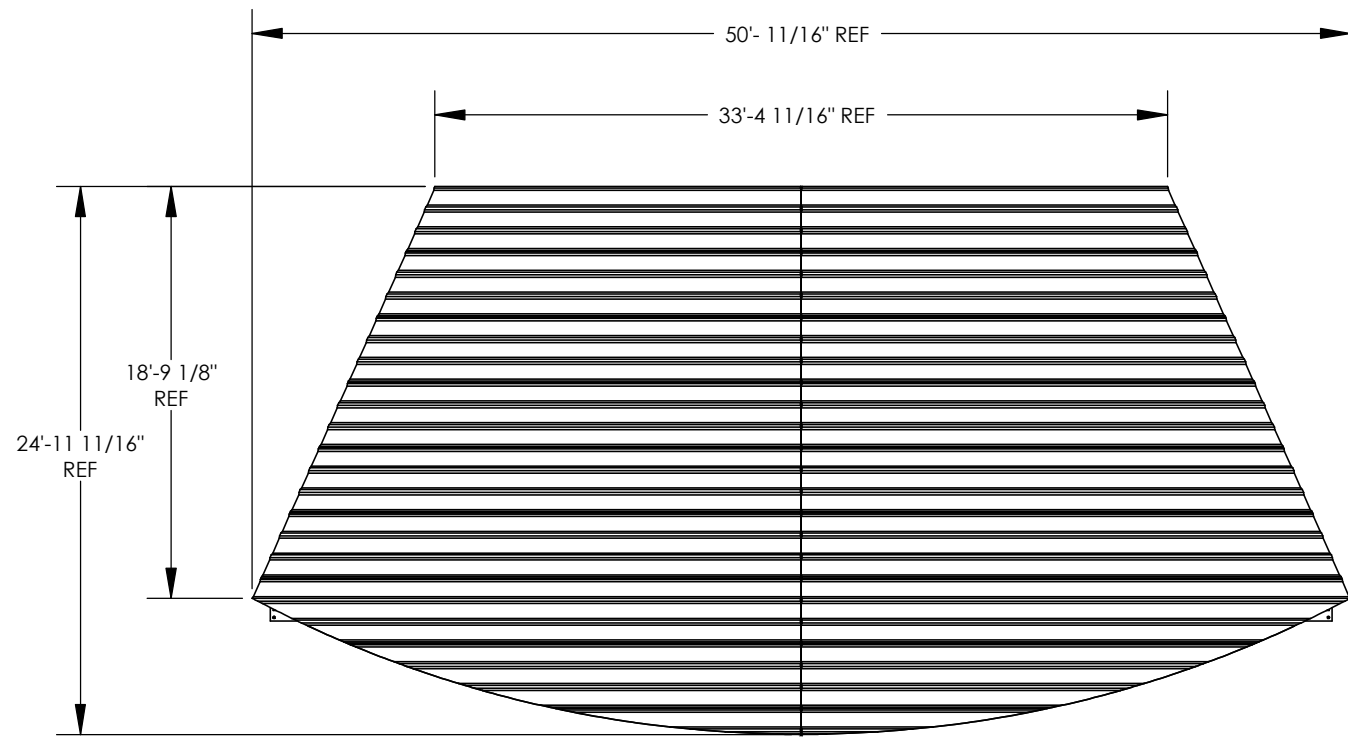
NONE



PROJECT: BISHOP PARK
 PROJECT LOCATION: BRYANT, AR
 DRAWING: COVER SHEET
 SHEET: CS
 IF THESE DRAWINGS ARE SEALED, THE SEAL APPLIES ONLY TO BUILDING COMPONENTS (AND FOUNDATION DESIGN IF APPLICABLE) DETAILED WITHIN THESE DRAWINGS.

PRINT DATE: 4/9/2020
 SCALE: 1:112
 DRAWN BY: Dave Spethriste
 REV LEVEL: A
 CREATION DATE: 10/17/2014
 BUILDING NO: 67063
 CAD MODEL: ~P11010

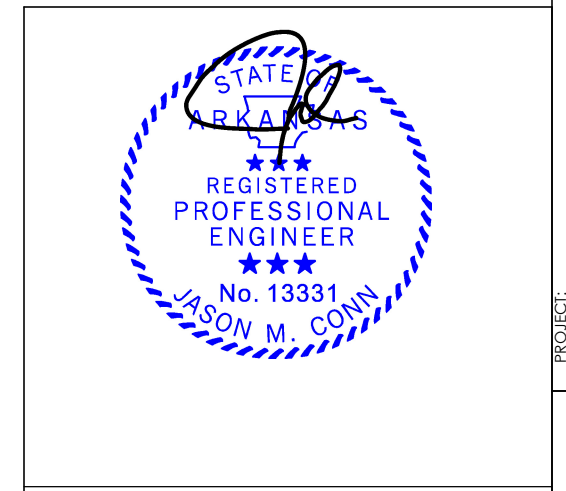
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FINISH GRADE
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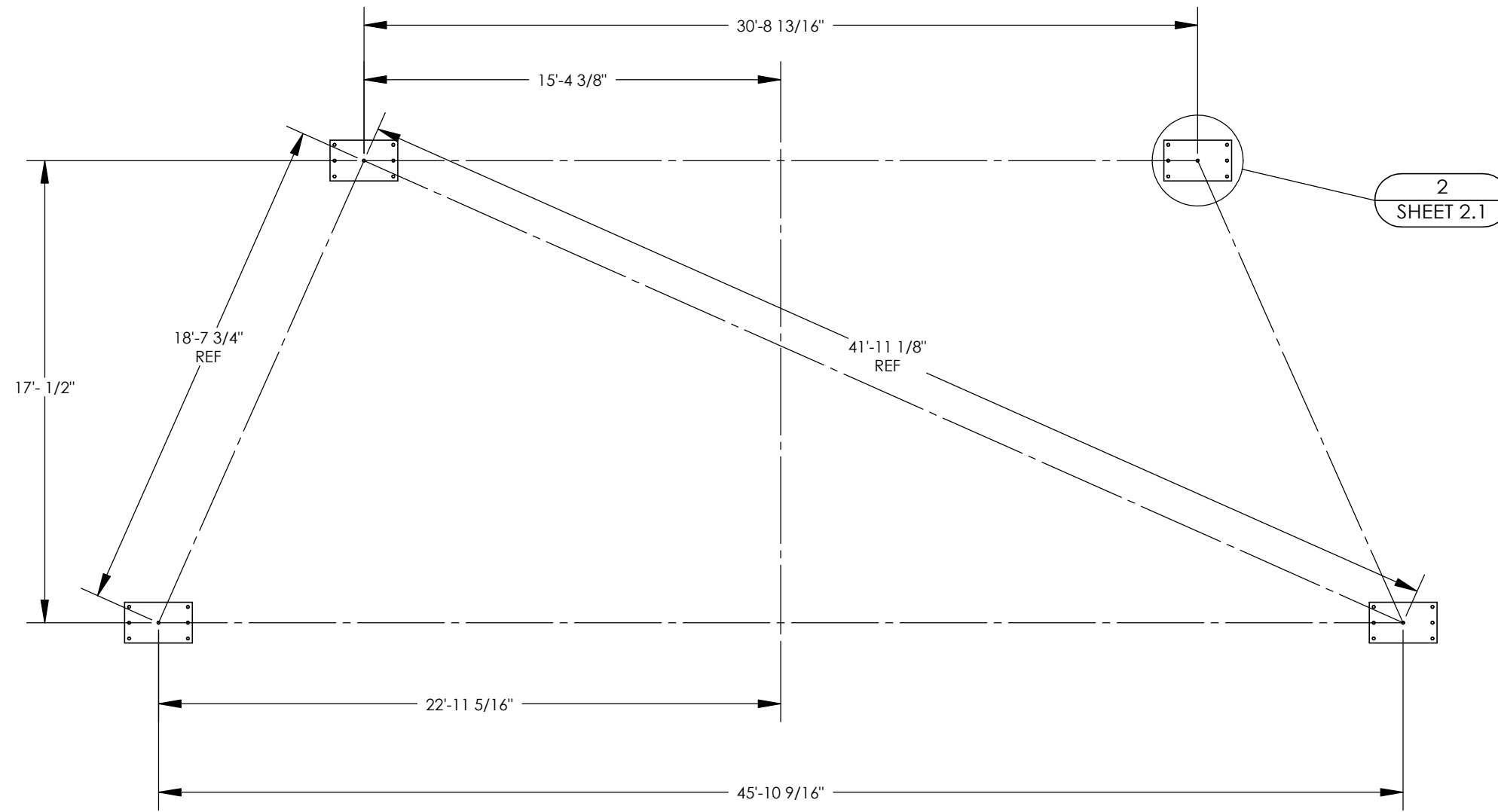
1
SHEET 2.1

FINISH GRADE
(ASSUMED AT CONSTANT ELEVATION
UNLESS OTHERWISE NOTED)



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PROJECT:	BISHOP PARK	PRINT DATE:	4/9/2020
PROJECT LOCATION:	BRYANT, AR	DRAWN BY:	briste
DRAWING:	ARCHITECTURAL ELEVATIONS	REV LEVEL:	A
		SCALE:	1:105
		CREATION DATE:	10/17/2014
		JOB NO.:	P11010
		CAD MODEL:	~P11010
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ANCHOR AND FOOTING LAYOUT NOTES:

1. ANCHORS MUST BE CENTERED IN FOOTINGS
2. FOOTINGS MUST BE TURNED TO ALIGN WITH COLUMN AND TRUSS CENTERLINE.

STATE OF ARKANSAS
 REGISTERED PROFESSIONAL ENGINEER
 No. 13331
 JASON M. CONN

IF THESE DRAWINGS ARE SEALED, THE SEAL APPLIES ONLY TO BUILDING COMPONENTS (AND FOUNDATION DESIGN IF APPLICABLE) DETAILED WITHIN THESE DRAWINGS.

PROJECT:	BISHOP PARK	PRINT DATE:	4/9/2020
PROJECT LOCATION:	BRYANT, AR	SCALE:	1:64
DRAWING:	ANCHOR AND FOOTING LAYOUT	DRAWN BY:	briste
		REV LEVEL:	A
		CREATION DATE:	10/17/2014
		JOB NO.:	P11010
		CAD MODEL:	~P11010
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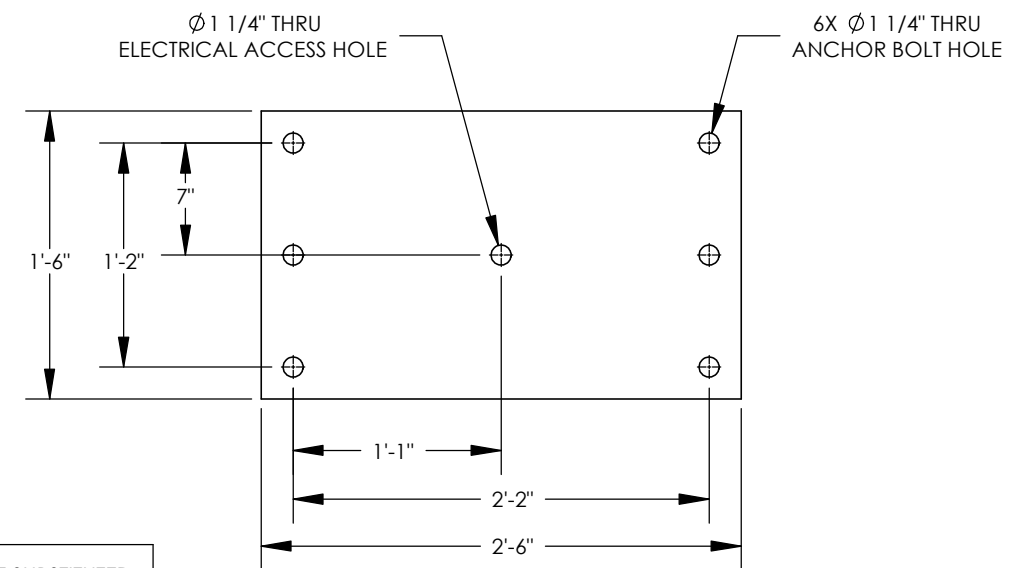
FOUNDATION NOTES:

- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE REQUIREMENTS OF THE BUILDING CODE, AMERICAN CONCRETE INSTITUTE, AND ALL APPLICABLE STATE AND LOCAL ORDINANCES AND REQUIREMENTS.
- THE CONCRETE DESIGN IS BASED ON THE FOLLOWING PROPERTIES:
 - 28 DAY STRENGTH OF 4500 psi.
 - SLUMP OF 4" (+/-1").
- THE FOOTING SHALL BEAR ON COMPETENT UNDISTURBED SOIL OR 95% COMPACTED FILL. IF SIGNS OF ORGANIC MATERIAL, UNCONTROLLED FILL, CLAY OR SILT, HIGH WATER TABLE OR OTHER POSSIBLE DETRIMENTAL CONDITIONS ARE FOUND, INSTALLATION OF THE FOUNDATION MUST BE DISCONTINUED AND A SOILS ENGINEER CONTACTED.
- THE REINFORCING STEEL SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615, GRADE 60.
- IF FOOTING DEPTH SHOWN DOES NOT MEET LOCAL FROST REQUIREMENTS, THE DRILLED PIER FOOTING MAY BE EXTENDED. EXTEND VERTICAL BARS AS REQUIRED AND PROVIDE ADDITIONAL TIES TO MEET SPACING REQUIREMENTS AS SHOWN. IF LOCAL FROST DEPTH REQUIREMENTS ARE NOT MET AND NO DRILLED PIER FOOTING OPTION IS GIVEN, CONTACT ENGINEERING. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCAL FROST LINE DEPTH BELOW GRADE PRIOR TO CONSTRUCTION.

THE FOUNDATION DESIGN SHOWN ON THESE DRAWINGS IS NOT SITE SPECIFIC, BUT BASED ON THE PRESUMPTIVE ALLOWABLE FOUNDATION PRESSURES IN CHAPTER 18 OF THE BUILDING CODE (CLASS 5 SOIL). THE BUILDING OFFICIAL IN THE JURISDICTION IN WHICH THIS STRUCTURE IS LOCATED MAY REQUIRE A SITE SPECIFIC GEOTECHNICAL REPORT OR LETTER FROM A QUALIFIED LOCAL PROFESSIONAL ENGINEER ATTESTING TO WHETHER THE ACTUAL SITE CONDITIONS MEET THE ASSUMPTIONS IDENTIFIED ABOVE.

ANCHOR BOLT NOTES - EXTERNAL (ANCHOR BOLTS LOCATED OUTSIDE COLUMN):

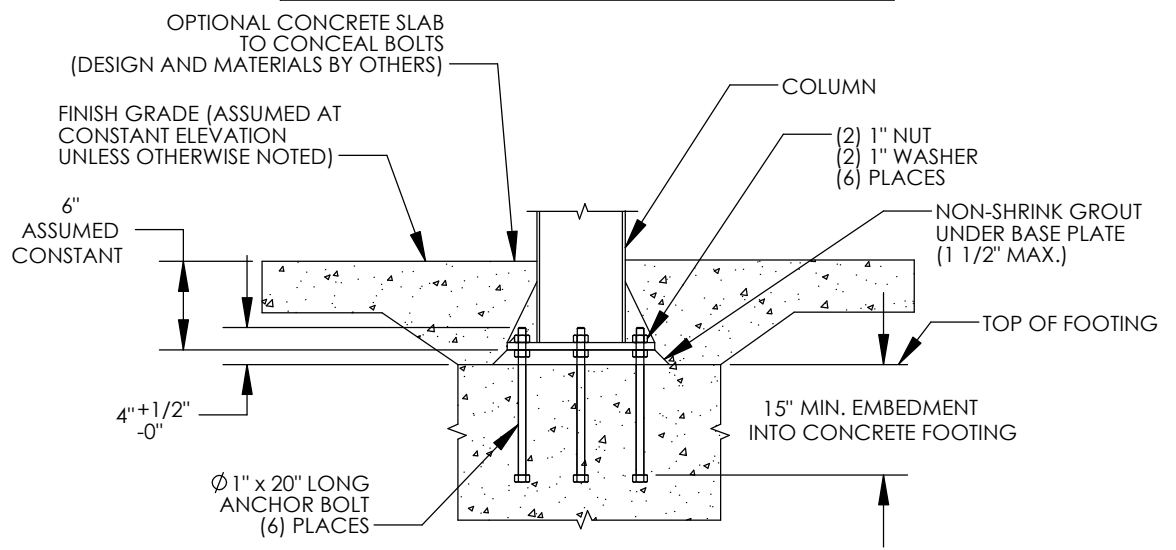
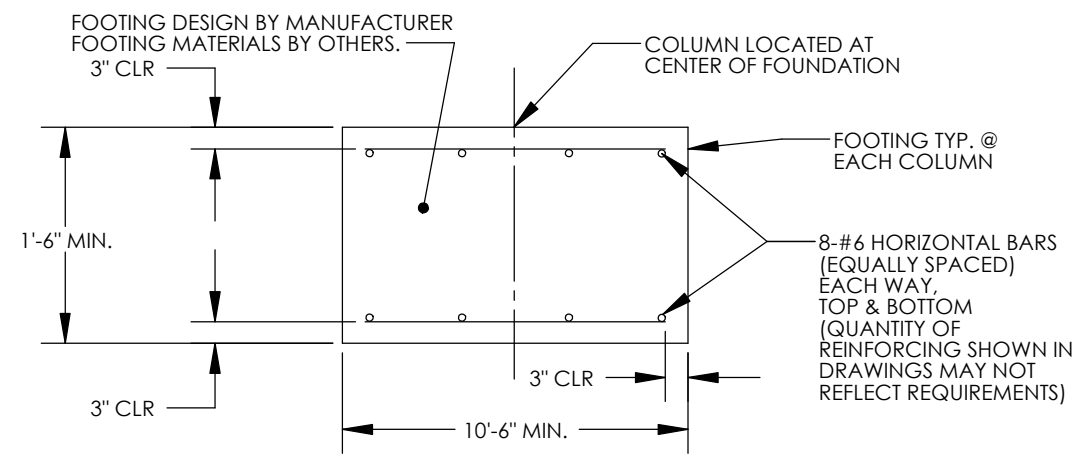
- ANCHOR BOLTS SHALL BE ASTM F1554 (GRADE 55) MATERIAL UNLESS OTHERWISE NOTED.
- ANCHOR BOLTS SHALL BE EITHER "HEADED" OR "THREADED WITH NUT" AS DEFINED IN THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION MANUAL.
- HOOKED ANCHOR BOLTS ARE NOT ACCEPTABLE.
- ACCURATE ANCHOR BOLT PLACEMENT IS CRITICAL. TO ENSURE THE ANCHOR BOLT LAYOUT MEETS THE DIMENSIONS REQUIRED ON THE DRAWINGS, SURVEY (OR MEASURE) THE LOCATION OF ALL ANCHOR BOLTS PRIOR TO POURING THE FOOTINGS. AN ADDITIONAL SURVEY (OR MEASUREMENT) SHOULD BE MADE AFTER THE FOOTINGS ARE POURED TO CONFIRM THE ANCHOR BOLTS DID NOT SHIFT DURING THE CONCRETE POUR.
- THE MANUFACTURER STRONGLY RECOMMENDS USING ANCHOR BOLT TEMPLATES BECAUSE THEY SIGNIFICANTLY IMPROVE THE ACCURACY OF ANCHOR BOLT PLACEMENT. AN ANCHOR BOLT TEMPLATE IS PROVIDED WITH ANY ANCHOR BOLT KIT PURCHASED.
- IF OUTSIDE CONSULTING ENGINEERS ARE DESIGNING THE FOUNDATIONS FOR THIS STRUCTURE, THEY MUST REFER TO THE MANUFACTURER'S CALCULATIONS FOR MINIMUM CONCRETE PROPERTIES (COMPRESSIVE STRENGTH, EDGE DISTANCE, ETC.) REQUIRED FOR THE ANCHOR BOLT DESIGN.
- ELECTRICAL ACCESS HOLE IS ALWAYS LOCATED IN THE COLUMN BASE PLATE AS SHOWN.
- GROUT UNDER BASEPLATES SHALL BE NON-METALLIC, NON-SHRINK GROUT WITH MINIMUM $f'c=6500$ PSI.
- THE CALCULATIONS FOR THIS STRUCTURE ASSUME A FIXED COLUMN BASE.



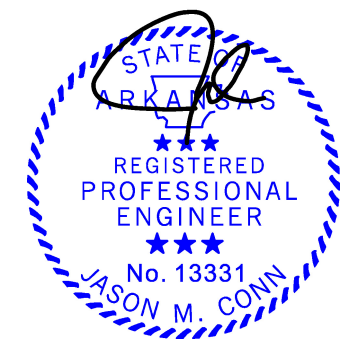
ANCHOR BOLT SUBSTITUTION
 THE FOLLOWING ADHESIVE ANCHORS MAY BE SUBSTITUTED FOR THE CAST-IN-PLACE ANCHOR BOLTS:
 -HILTI HIT-HY 200 (A OR R) ADHESIVE w/ $\varnothing 1"$ HAS-E ROD WITH MINIMUM - EMBEDMENT.
 CONTRACTOR SHALL FOLLOW ALL INSTALLATION SPECIFICATIONS AND REQUIREMENTS OF ANCHOR MANUFACTURER.

2 ANCHOR BOLT PATTERN
 2 BASE PLATE THICKNESS: 1-1/4"

SQUARE FOOTING OPTION

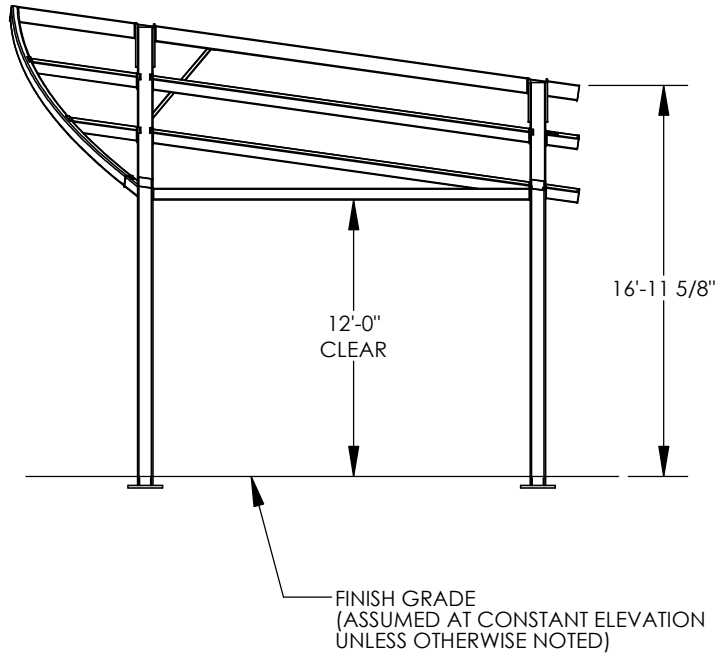
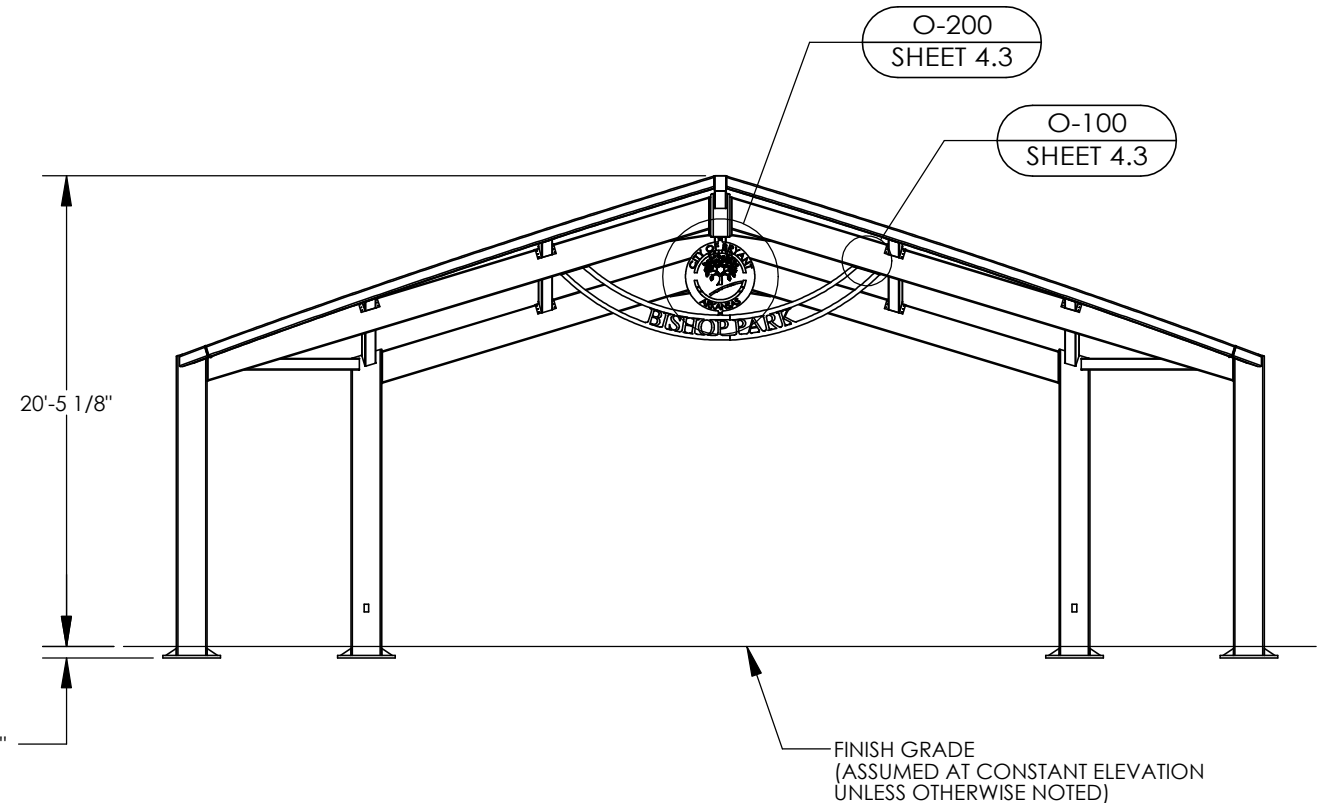
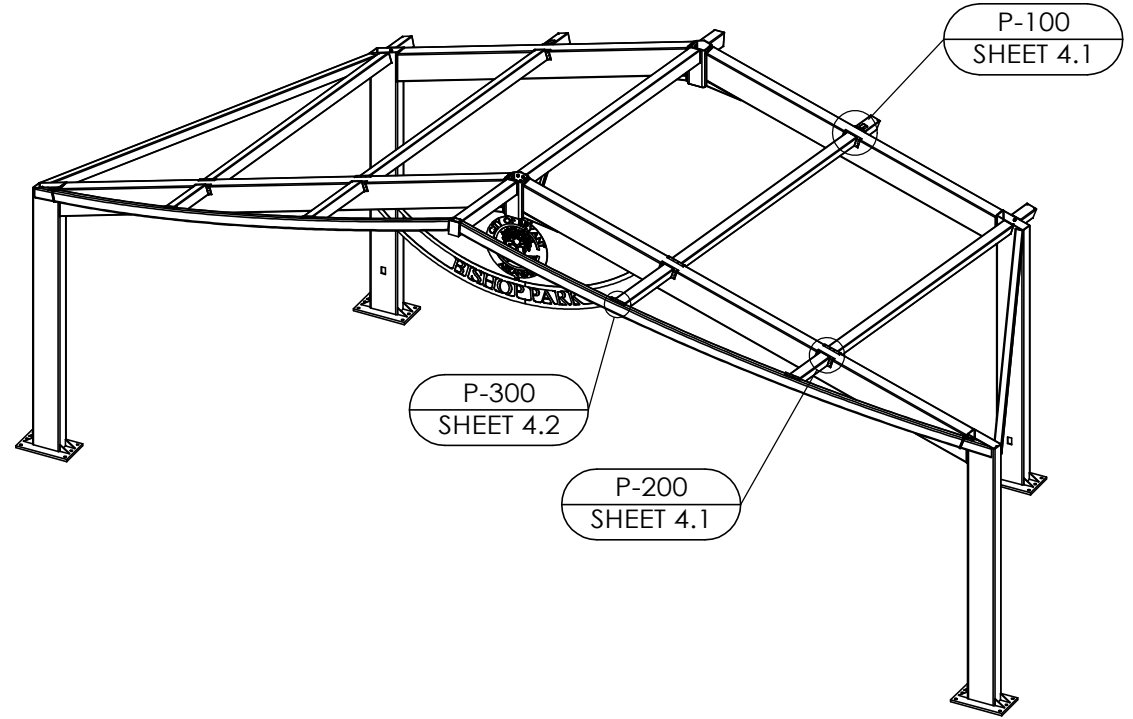
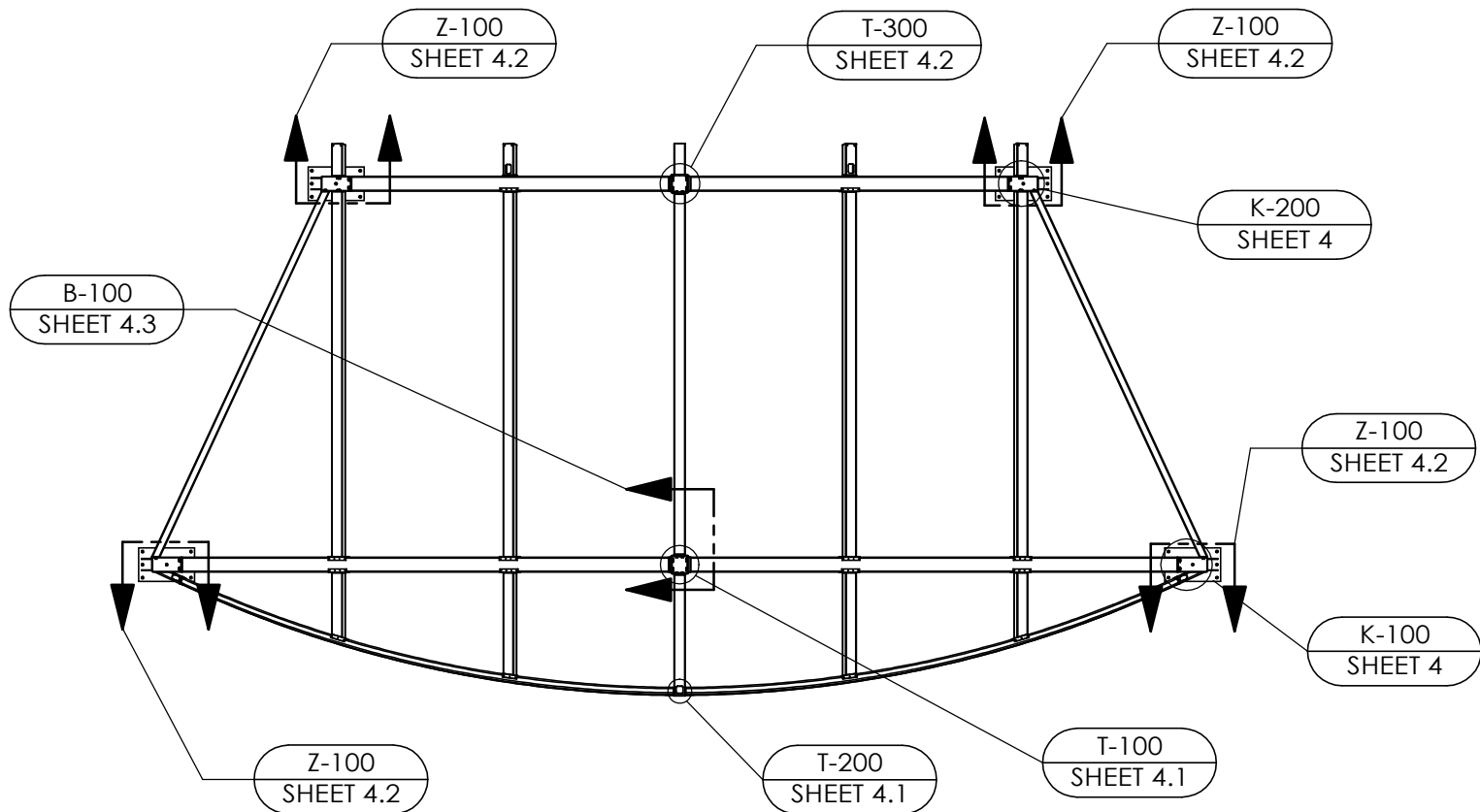


1 ANCHOR BOLT DETAIL



PROJECT: BISHOP PARK
 PROJECT LOCATION: BRYANT, AR
 DRAWING: ANCHOR AND FOOTING DETAILS
 SHEET: 2.1
 CREATION DATE: 10/17/2014
 JOB NO: P11010
 CAD MODEL: ~P11010
 DRAWN BY: briste
 REV LEVEL: A
 PRINT DATE: 4/9/2020
 SCALE: 1:8
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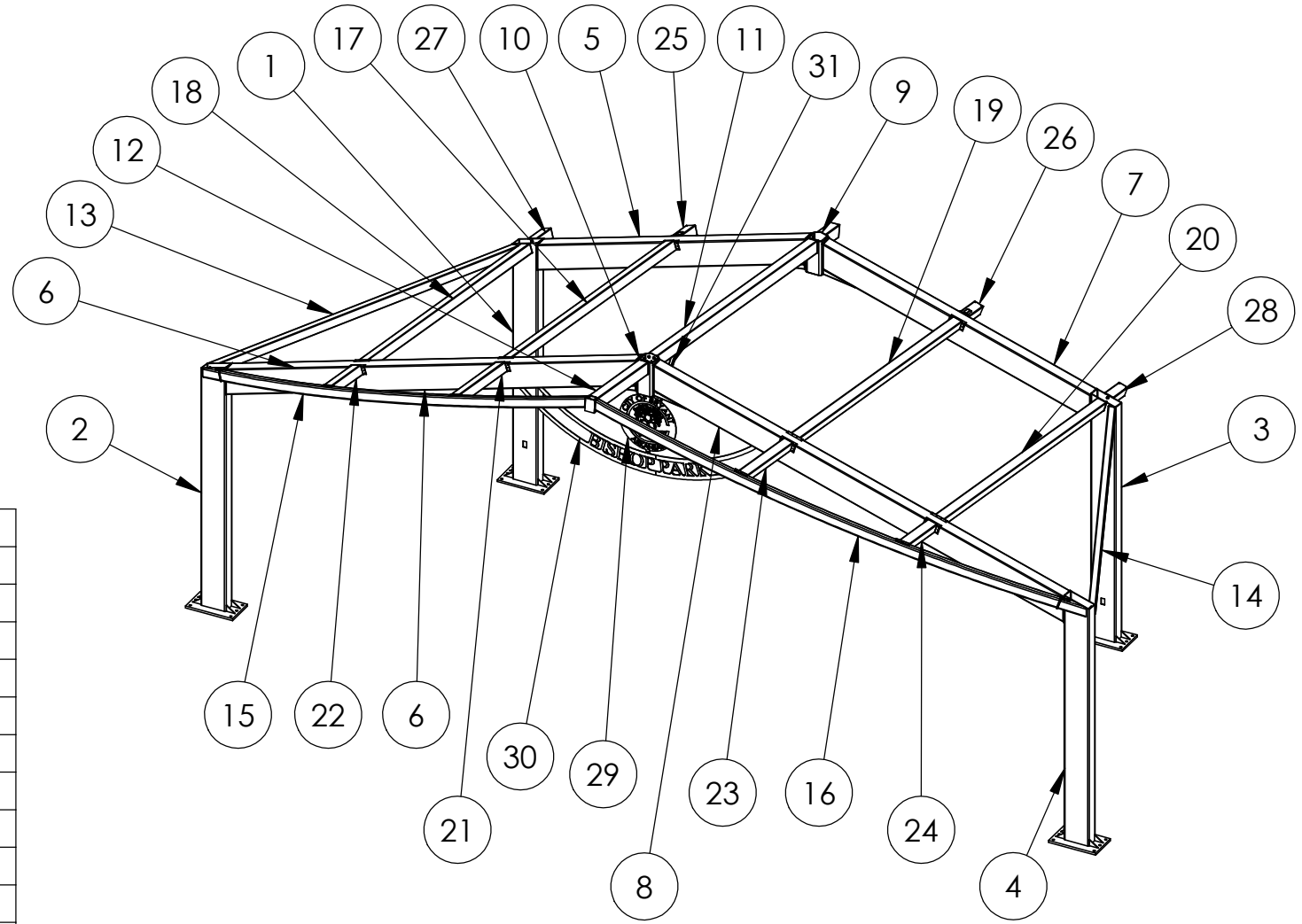
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PROJECT: BISHOP PARK PROJECT LOCATION: BRYANT, AR DRAWING: STRUCTURAL FRAMING PLAN	CREATION DATE: 10/17/2014 JOB NO: P11010 CAD MODEL: ~P11010	DRAWN BY: briste REV LEVEL: A	PRINT DATE: 4/9/2020 SCALE: 1:100	(616)399-1963 www.poligon.com by PORTERCORP <small>COPYRIGHT 2014 PATENTED OR PATENTS PENDING PORTERCORP 4240 N. 136th AVE HOLLAND, MI 49424</small>
	SHEET 3			

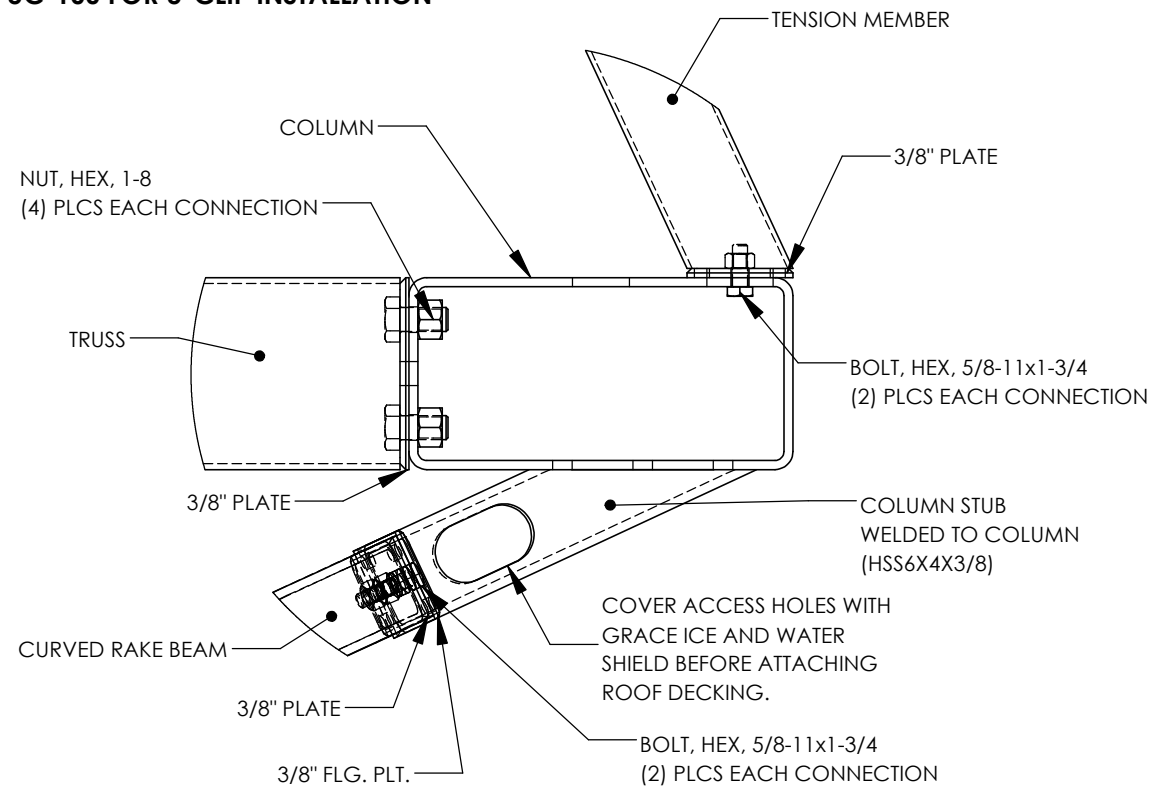
ITEM	QTY.	PART NO.	DESCRIPTION	MATERIAL	WEIGHT
31	1	-	KICKER ASM	HSS2X2X1/8	13.59
30	1	-	TEXT ARCH ASM	SH250HR01	78.69
29	1	-	MEDALLION ASM	SH250HR01	54.33
28	1	-	COL TAIL RH ASM	HSS6X6X3/16	25.20
27	1	-	COL TAIL LH ASM	HSS6X6X3/16	25.05
26	1	-	PURLIN TAIL RH ASM	HSS6X6X3/16	23.75
25	1	-	PURLIN TAIL LH ASM	HSS6X6X3/16	23.75
24	1	-	PURLIN 8 ASM	HSS6X6X3/16	48.97
23	1	-	PURLIN 7 ASM	HSS6X6X3/16	74.02
22	1	-	PURLIN 6 ASM	HSS6X6X3/16	48.97
21	1	-	PURLIN 5 ASM	HSS6X6X3/16	74.02
20	1	-	PURLIN 4 ASM	HSS6X6X3/16	244.48
19	1	-	PURLIN 3 ASM	HSS6X6X3/16	245.78
18	1	-	PURLIN 2 ASM	HSS6X6X3/16	244.48
17	1	-	PURLIN 1 ASM	HSS6X6X3/16	245.78
16	1	-	CURVED RAKE 2 ASM	HSS6X4X3/8	514.43
15	1	-	CURVED RAKE 1 ASM	HSS6X4X3/8	514.43
14	1	-	TENSION MEMBER 2 ASM	HSS6X4X3/16	218.82
13	1	-	TENSION MEMBER 1 ASM	HSS6X4X3/16	218.82
12	1	-	RIDGE BEAM 2 ASM	HSS8X6X3/16	100.93
11	1	-	RIDGE BEAM ASM	HSS8X6X3/16	292.08
10	1	-	C-TUBE 2 ASM	HSS10X10X5/8	169.71
9	1	-	C-TUBE 1 ASM	HSS10X10X5/8	191.73
8	1	-	TRUSS 4 ASM	HSS16X8X1/4	962.32
7	1	-	TRUSS 3 ASM	HSS16X8X1/4	656.09
6	1	-	TRUSS 2 ASM	HSS16X8X1/4	962.32
5	1	-	TRUSS 1 ASM	HSS16X8X1/4	656.09
4	1	-	COLUMN 4 ASM	HSS16X8X3/8	971.71
3	1	-	COLUMN 3 ASM	HSS16X8X3/8	942.96
2	1	-	COLUMN 2 ASM	HSS16X8X3/8	971.71
1	1	-	COLUMN 1 ASM	HSS16X8X3/8	942.96



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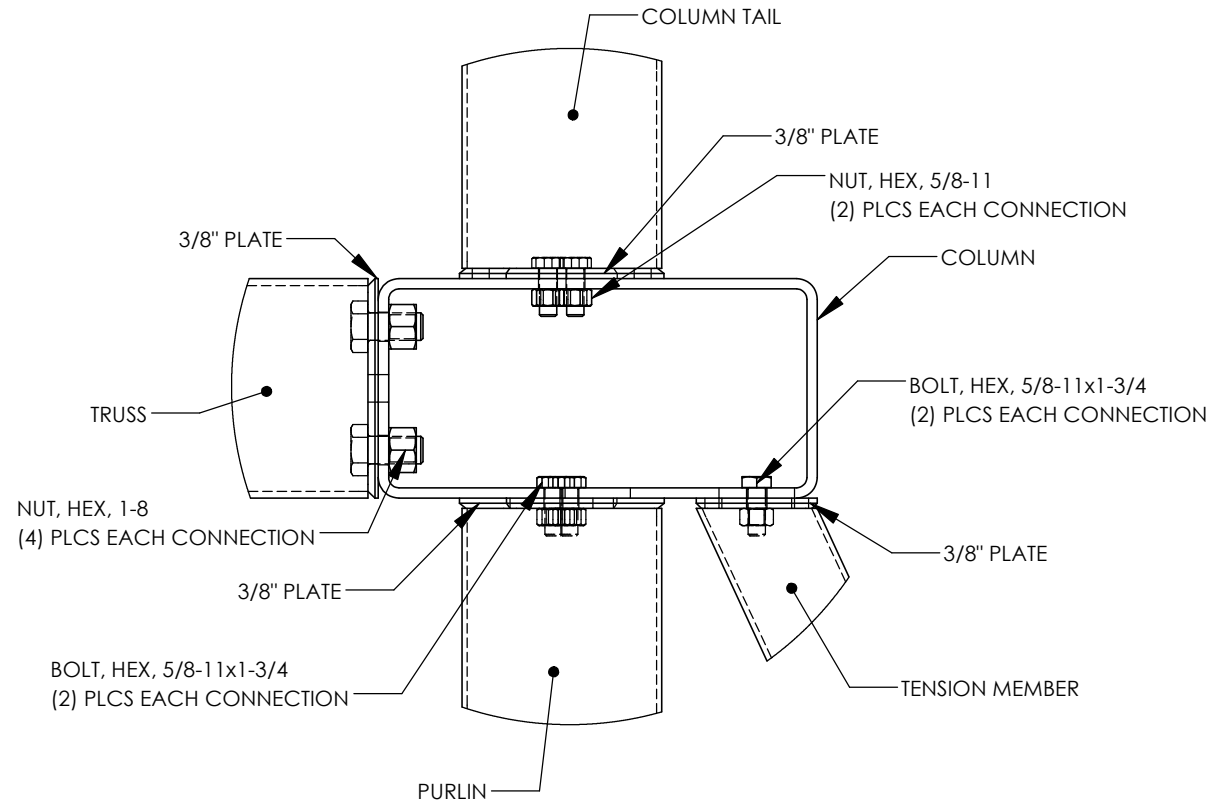
<p>PROJECT: BISHOP PARK</p> <p>PROJECT LOCATION: BRYANT, AR</p> <p>DRAWING: STRUCTURAL FRAMING PLAN</p>	<p>CREATION DATE: 10/17/2014</p> <p>JOB NO: P11010</p> <p>CAD MODEL: ~P11010</p>	<p>PRINT DATE: 4/9/2020</p> <p>SCALE: 1:96</p> <p>DRAWN BY: briste</p> <p>REV LEVEL: A</p>	<p>(616)399-1963</p> <p>www.poligon.com</p> <p>by PORTERCORP</p> <p style="font-size: x-small;">COPYRIGHT 2014 PATENTED OR PATENTS PENDING PORTERCORP 4240 N. 136th AVE HOLLAND, MI 49424</p>
SHEET			3.1

**NOTE:
SEE UC-100 FOR U-CLIP INSTALLATION**



FRONT COLUMN CONNECTIONS

K-100

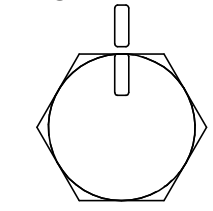


REAR COLUMN CONNECTIONS

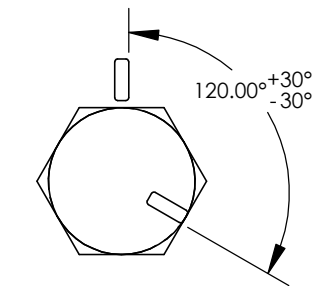
K-200

TURN-OF-NUT PRETENSIONING METHOD:
THESE STEPS ILLUSTRATE THE REQUIREMENTS OUTLINED IN THE AISC SPECIFICATION. THE ROTATION INDICATED IS ACCURATE FOR MOST BOLT DIAMETERS AND LENGTHS BUT IT IS THE RESPONSIBILITY OF THE INSTALLER TO MEET AISC REQUIREMENTS.

STEP ONE:
AFTER SNUG TIGHT, MATCH MARK PLATE



STEP TWO:
THEN TURN BOLT/NUT PAST SNUG TIGHT 1/3 TURN



CONNECTION NOTES:

- ALL HIGH STRENGTH BOLTS ARE A325 BOLTS AND TO BE INSTALLED BY THE "TURN -OF-NUT" PRETENSIONING METHOD AS SPECIFIED IN THE 13TH EDITION OF THE AISC "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS", SECTION 8 (SEE ILLUSTRATION). A325 BOLTS MAY BE INSTALLED WITHOUT WASHERS WHEN TIGHTENED BY THE "TURN-OF-NUT" PRETENSIONING METHOD. IT IS THE RESPONSIBILITY OF THE ERECTOR TO INSURE PROPER TIGHTNESS. THIS METHOD IS ONLY REQUIRED ON 5/8" DIAMETER AND LARGER BOLTS. ANCHOR BOLTS NEED NOT BE TIGHTENED PAST SNUG TIGHT.
- LOCAL JURISDICTIONS MAY REQUIRE AN INSPECTOR TO BE PRESENT TO WITNESS HARDWARE INSTALLATION AND INDEPENDENT TESTING. INSPECTION REQUIREMENTS SHOULD BE VERIFIED PRIOR TO STEEL ERECTION.
- ERECTION OF THE FRAMING MEMBERS WILL REQUIRE THE MAIN COLUMNS TO BE PLUMB SQUARE AND TIGHTENED TO THE TRUSSES AND TENSION MEMBERS BEFORE INSTALLING THE PURLINS. PURLINS, IF REQUIRED, MUST BE PARALLEL TO THE EAVE BEAMS AND TENSION MEMBERS.
- TOUCH-UP PAINT MUST BE APPLIED TO ALL EXPOSED BOLTS & NUTS. PERIODIC TOUCH-UP AT THESE BOLTED CONNECTIONS IS REQUIRED.
- UNLESS THE BUILDING HAS A FACTORY APPLIED POWDERCOAT, E-COAT OR GALVANIZING, THE FRAME WILL BE PRIME PAINTED AND WILL BE REQUIRED TO BE FINISH PAINTED IN THE FIELD WITH ALL PAINT, MATERIALS AND LABOR NOT BY POLIGON (PORTERCORP). REFER TO FINAL SALES ORDER.
- PRIOR TO THE ERECTION OF SHELTER COMPONENTS, IT IS RECOMMENDED TO CHASE AND TAP STRUCTURAL HARDWARE. EVEN THOUGH POLIGON MAKES EVERY EFFORT TO PROTECT THE HARDWARE DURING THE PROCESS OF PRODUCTION, FINISH, AND SHIPPING, THE ON-SITE CHASING AND TAPPING OF THREADS IS ALWAYS GOOD POLICY.
- TO PREVENT RUST STAINING OF FINISH, ALL METAL SHAVINGS MUST BE REMOVED AFTER INSTALLATION. ENSURE NO SHAVING ARE TRAPPED BETWEEN MEMBER SURFACES.

REGISTERED PROFESSIONAL ENGINEER
No. 13331
JASON M. CONN

STATE OF ARKANSAS

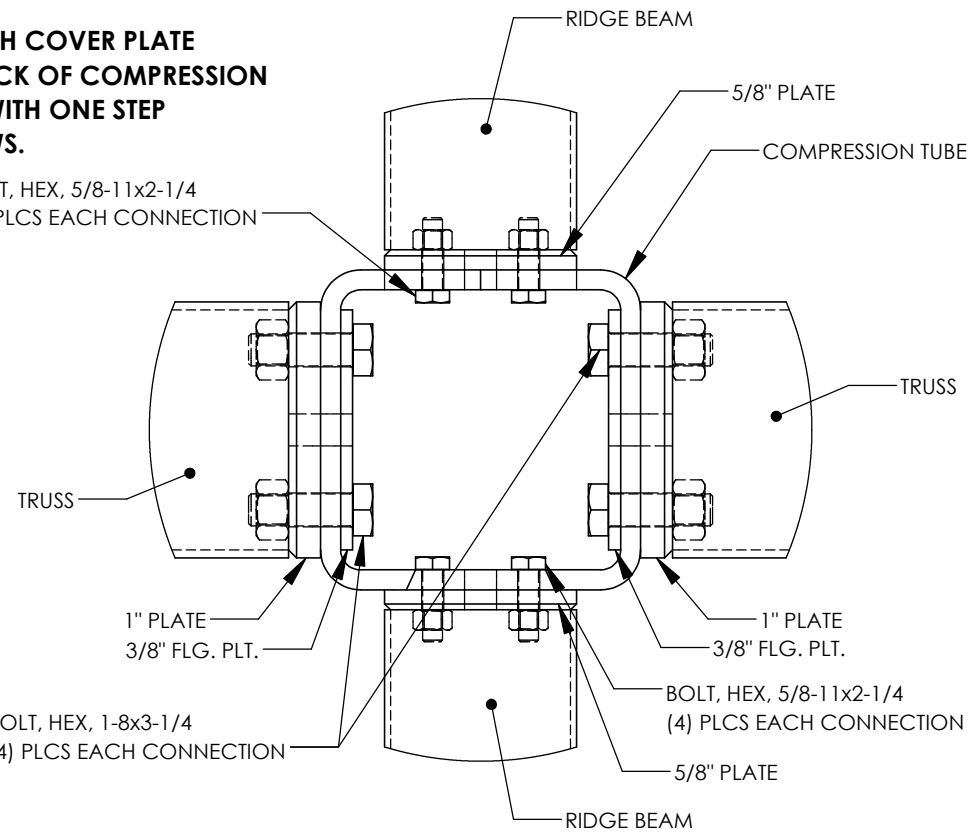
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<p>PROJECT: BISHOP PARK</p> <p>PROJECT LOCATION: BRYANT, AR</p> <p>DRAWING: FRAME CONNECTION DETAILS</p>	<p>CREATION DATE: 10/17/2014</p> <p>JOB NO: P11010</p> <p>CAD MODEL: ~P11010</p>	<p>PRINT DATE: 4/9/2020</p> <p>SCALE: 1:7</p>	<p>DRAWN BY: briste</p> <p>REV LEVEL: A</p>
<p>SHEET</p> <p style="font-size: 2em; font-weight: bold;">4</p>			

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**NOTE:
ATTACH COVER PLATE
TO BACK OF COMPRESSION
TUBE WITH ONE STEP
SCREWS.**

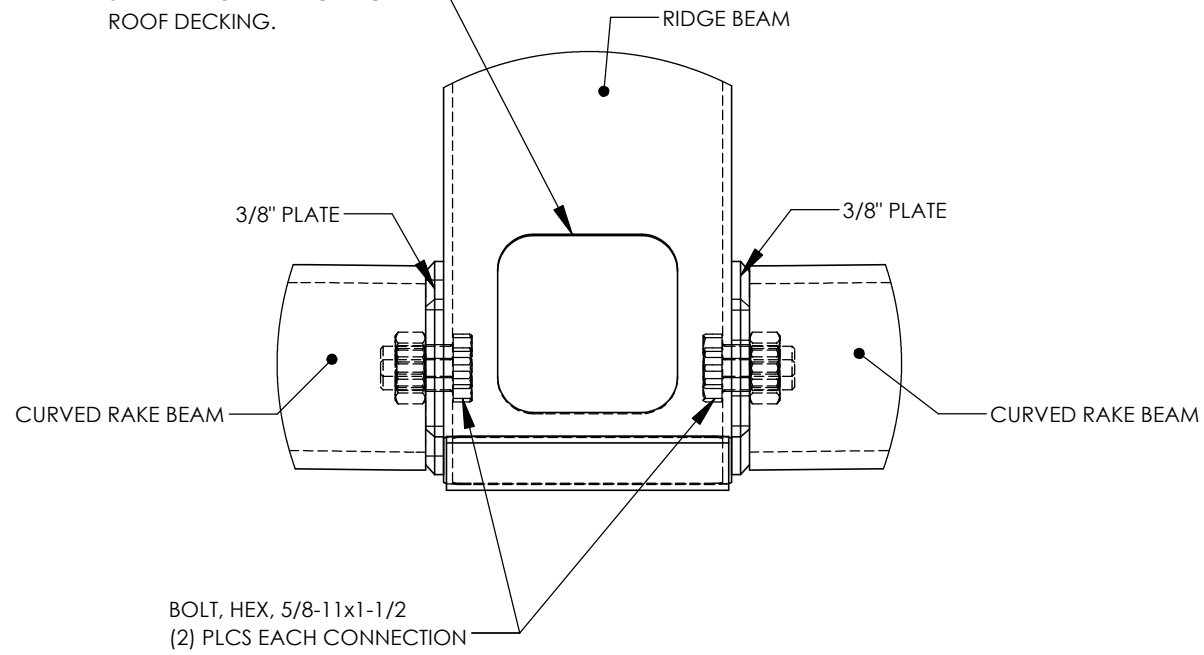
BOLT, HEX, 5/8-11x2-1/4
(4) PLCS EACH CONNECTION



COMPRESSION MEMBER CONNECTION

T-100

COVER ACCESS HOLES WITH
GRACE ICE AND WATER
SHIELD BEFORE ATTACHING
ROOF DECKING.

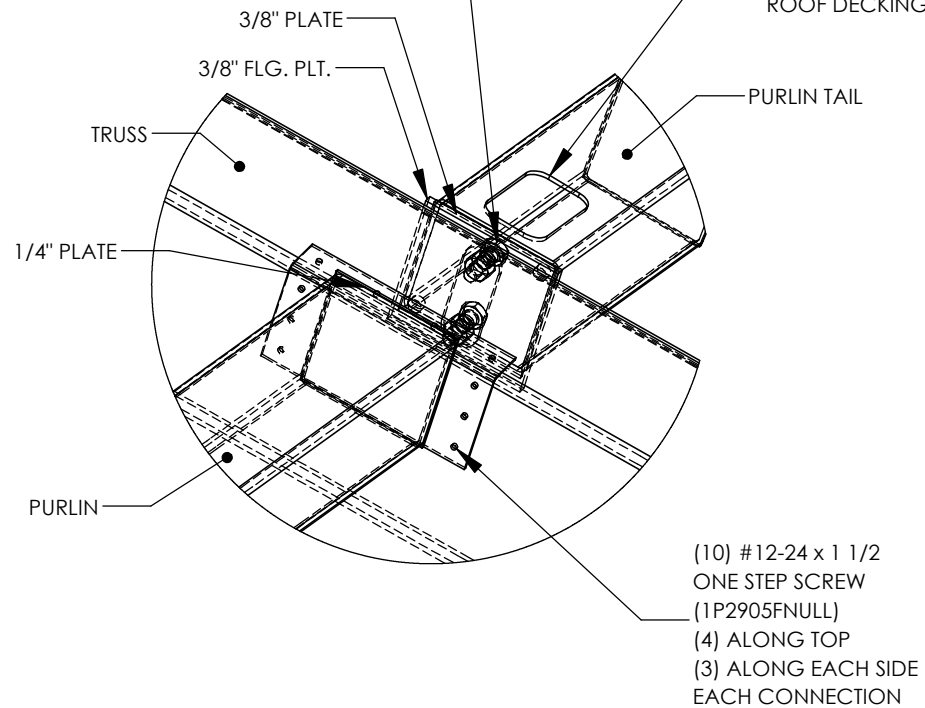


RIDGE BEAM CONNECTION

T-200

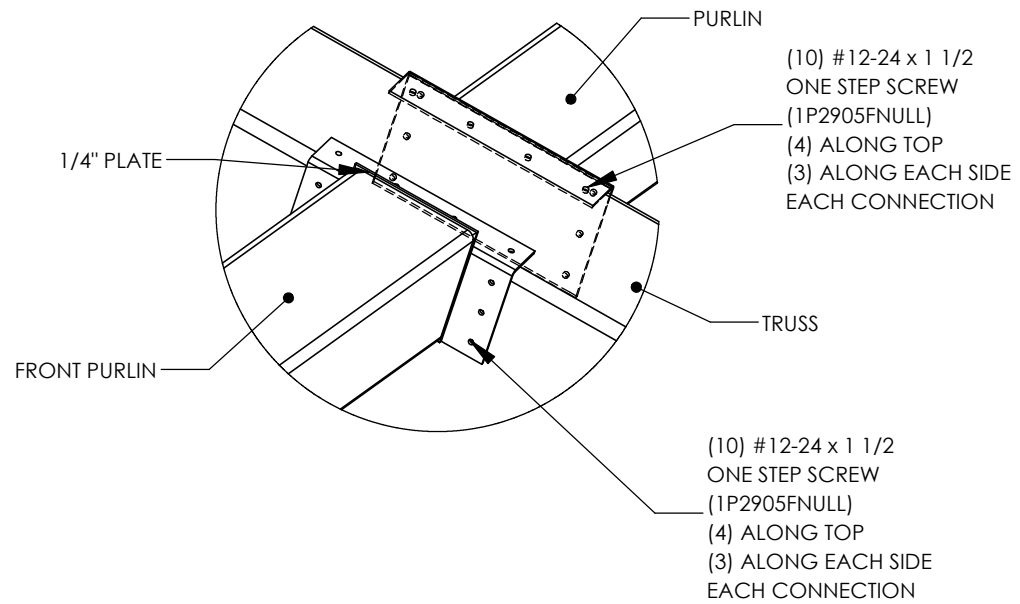
BOLT, HEX, 5/8-11x2
(2) PLCS EACH CONNECTION

COVER ACCESS HOLES WITH
GRACE ICE AND WATER
SHIELD BEFORE ATTACHING
ROOF DECKING.



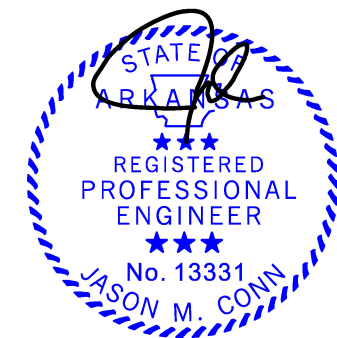
PURLIN CONNECTION

P-100



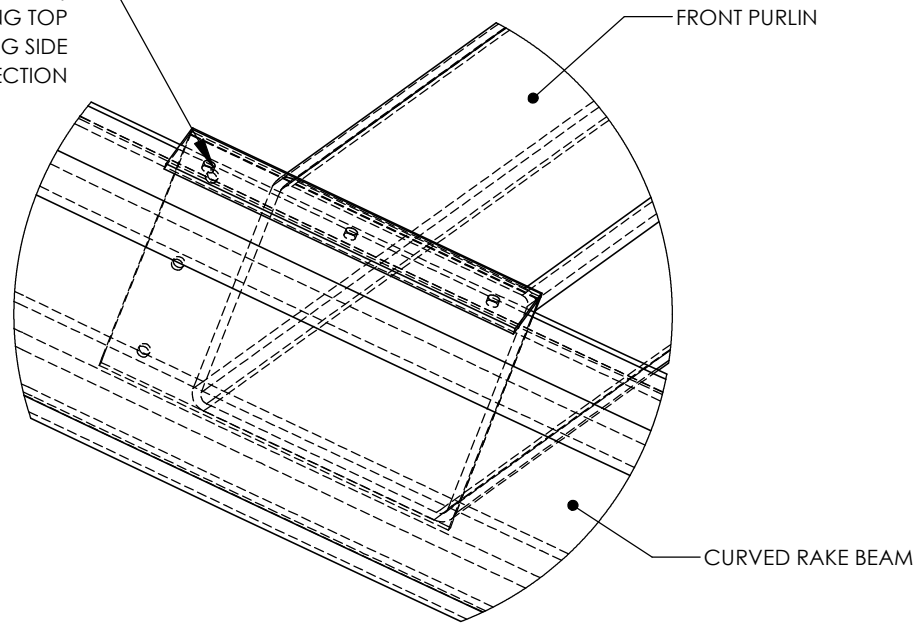
PURLIN CONNECTION

P-200



IF THESE DRAWINGS ARE SEALED, THE SEAL APPLIES ONLY TO BUILDING COMPONENTS (AND FOUNDATION DESIGN IF APPLICABLE) DETAILED WITHIN THESE DRAWINGS.

(6) #12-24 x 1 1/2
ONE STEP SCREW
(1P2905FNULL)
(3) ALONG TOP
(3) ALONG SIDE
EACH CONNECTION



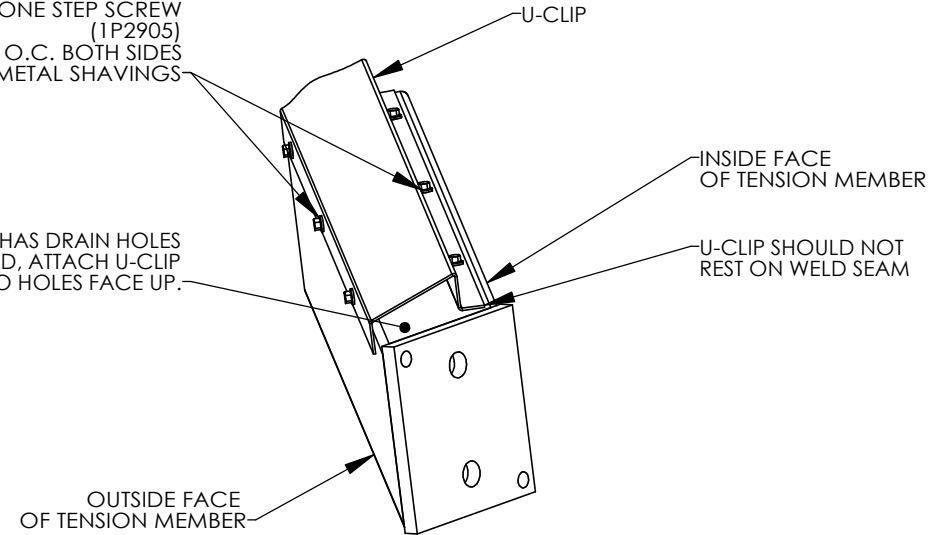
PURLIN CONNECTION

P-300

**NOTE:
U-CLIP MUST BE ATTACHED TO
TENSION MEMBER AS SHOWN
PRIOR TO BUILDING ASSEMBLY.**

12-24 X 1 1/2" ONE STEP SCREW
(1P2905)
12" O.C. BOTH SIDES
REMOVE METAL SHAVINGS

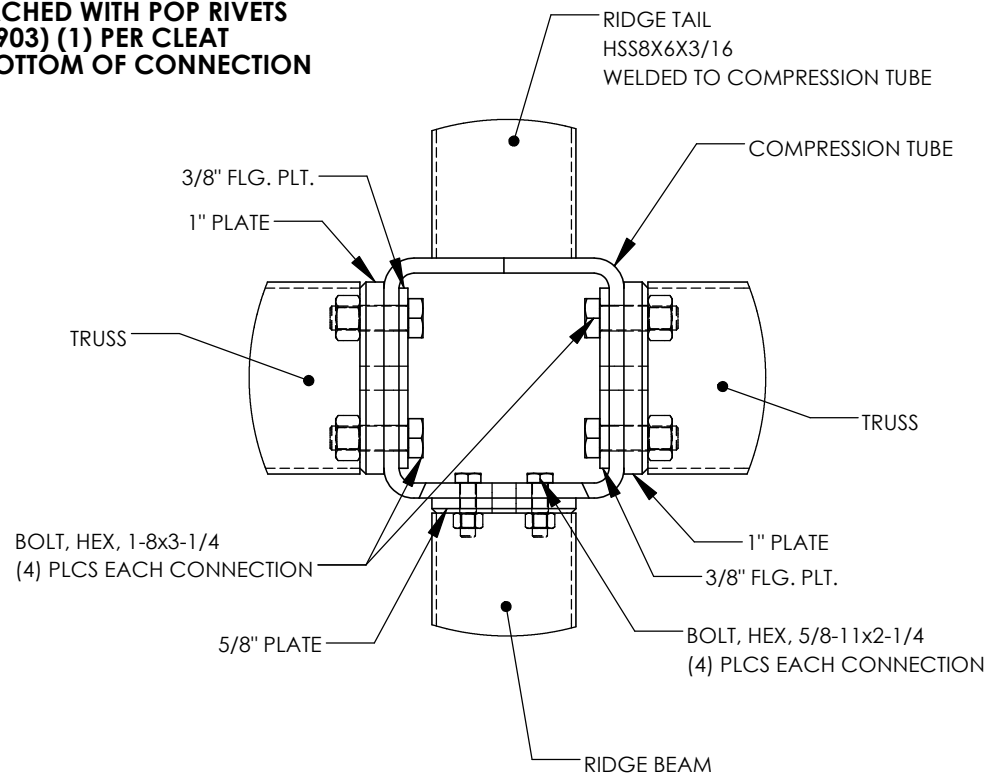
IF TUBE HAS DRAIN HOLES
NEAR TUBE END, ATTACH U-CLIP
SO HOLES FACE UP.



U-CLIP CONNECTION

UC-100

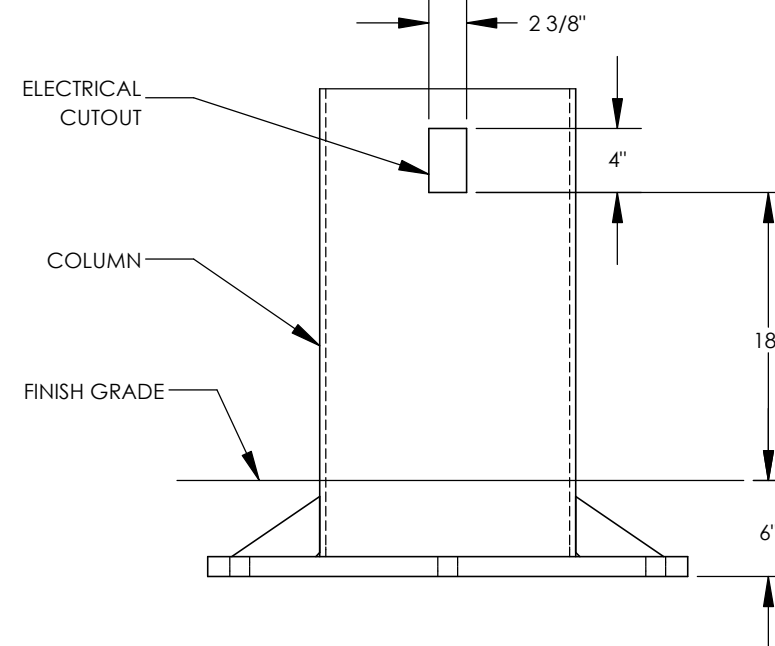
**NOTE:
C-TUBE COVER PLATE
ATTACHED WITH POP RIVETS
(1P2903) (1) PER CLEAT
AT BOTTOM OF CONNECTION**



RIDGE BEAM TAIL CONNECTION

T-300

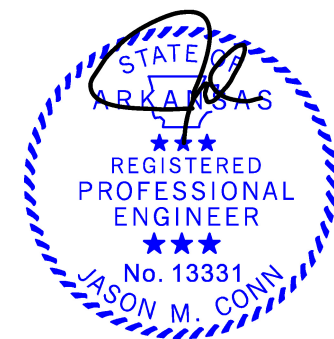
NOTE: COVER PLATES PROVIDED FOR ALL ELECTRICAL CUTOUTS

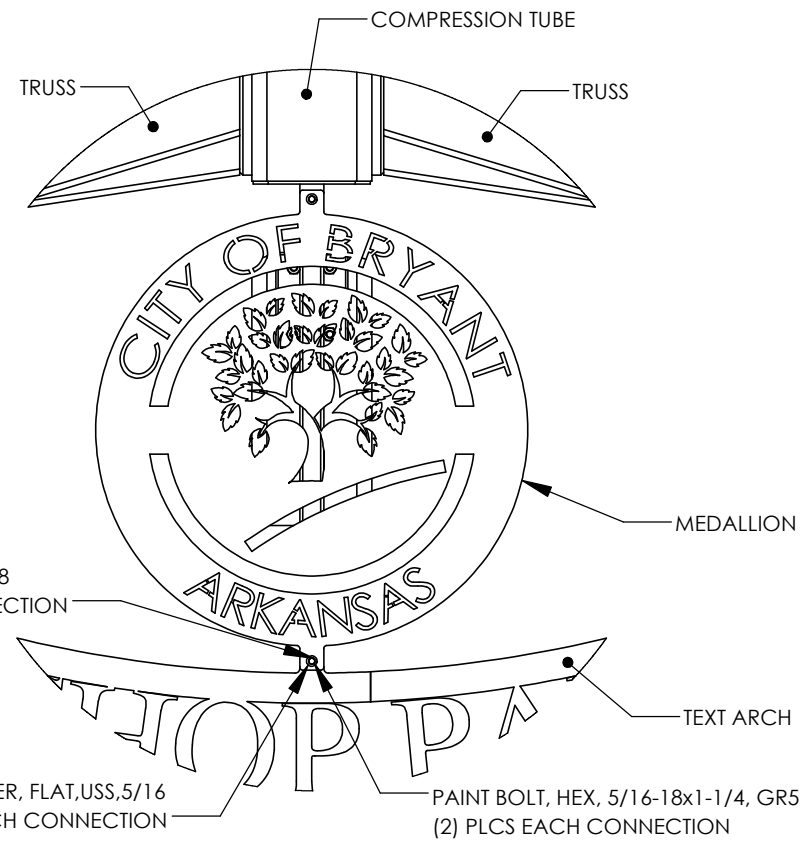


**NOTE: CUTOUT IS TYPICAL IN ALL COLUMNS
CUSTOMER TO VERIFY CUTOUT SIZE AND LOCATION**

ELECTRICAL CUTOUT LOCATION

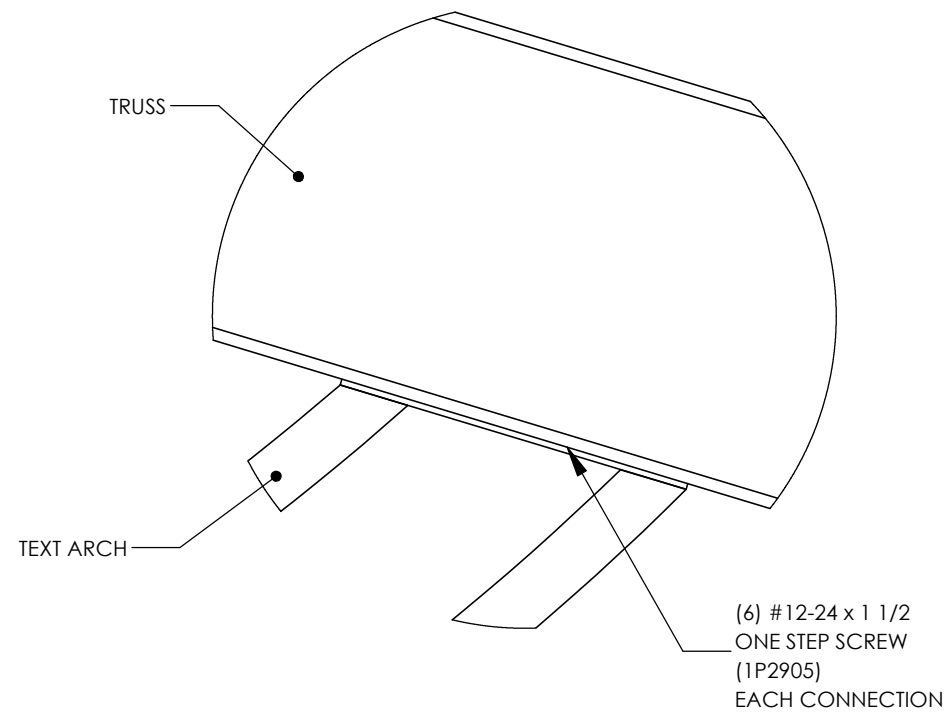
Z-100





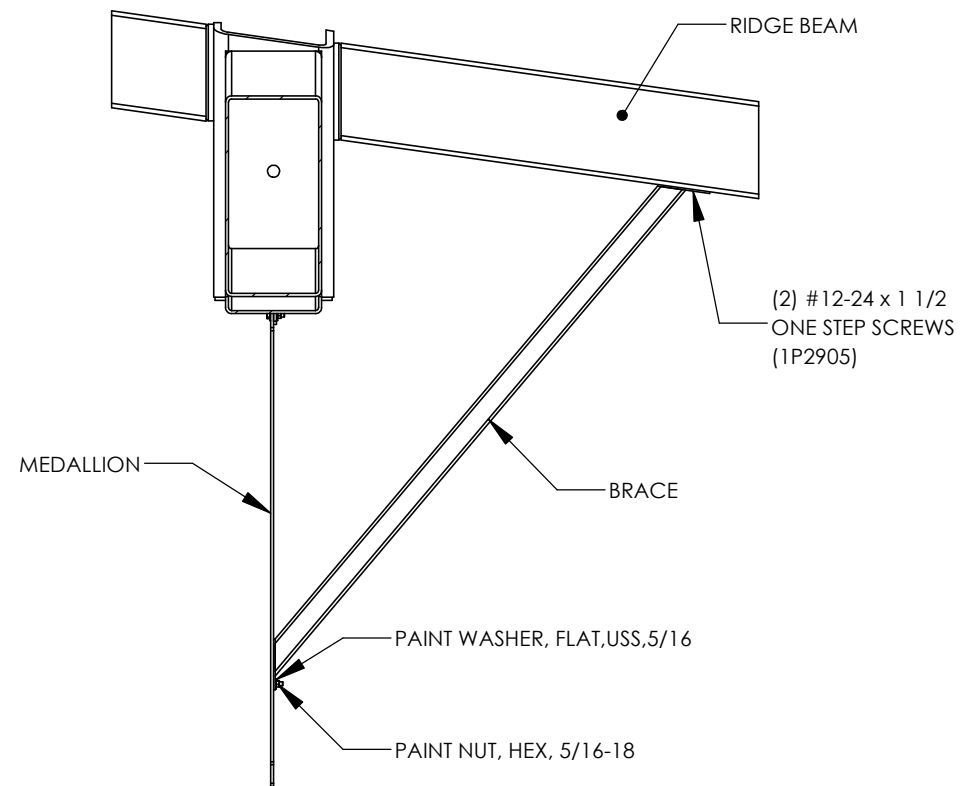
MEDALLION CONNECTION

O-200



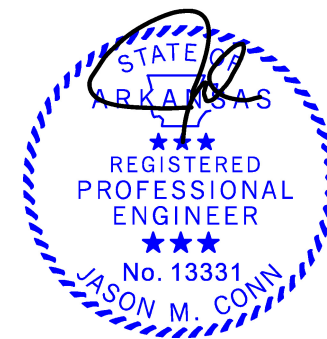
TEXT ARCH CONNECTION

O-100

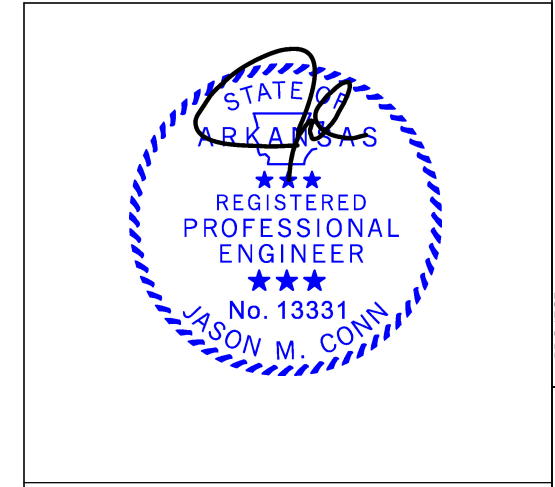
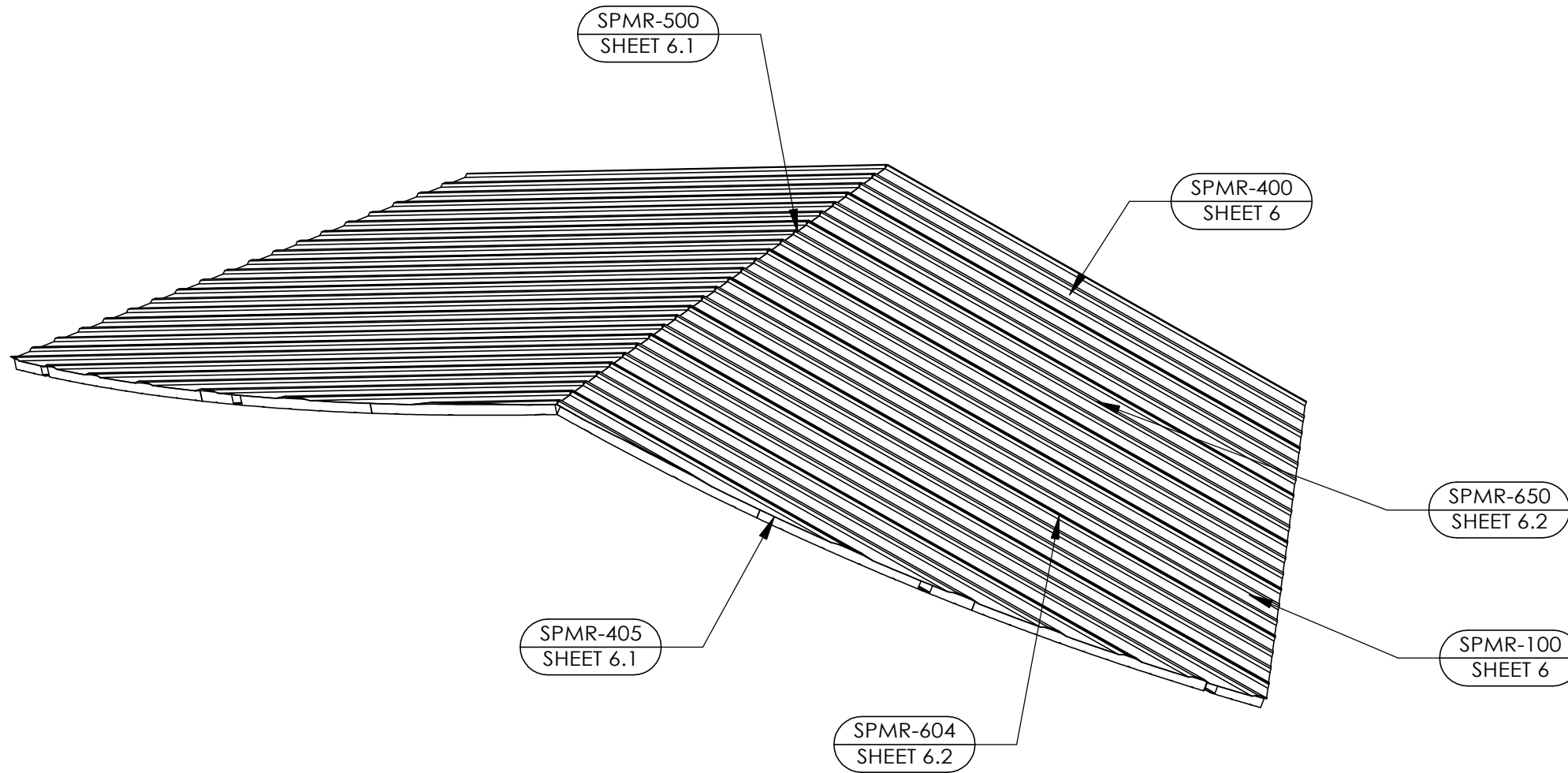


BRACE CONNECTION

B-100

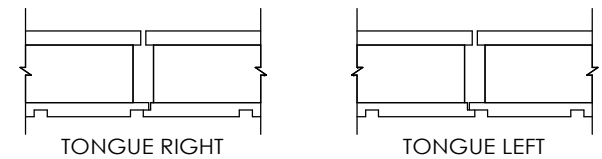
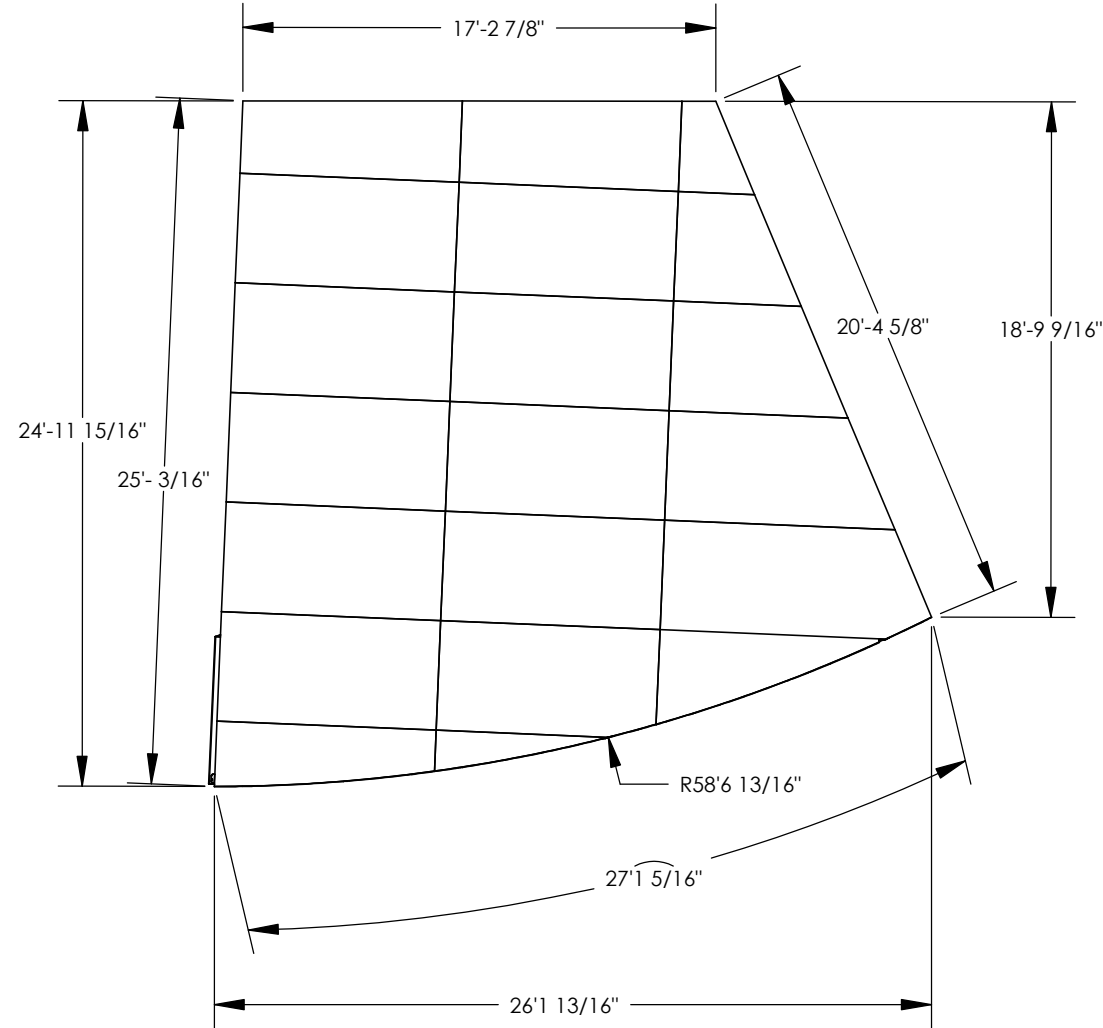
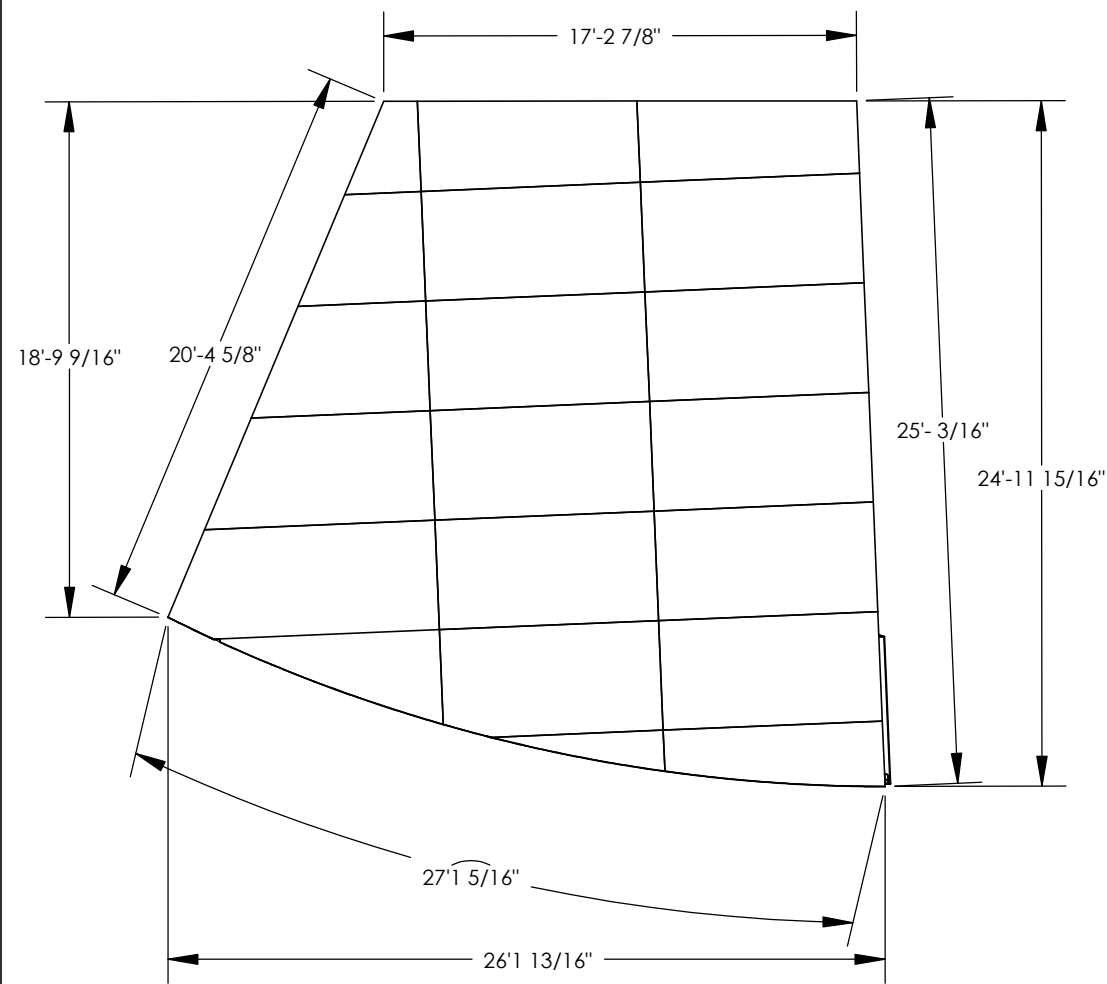


IF THESE DRAWINGS ARE SEALED, THE SEAL APPLIES ONLY TO BUILDING COMPONENTS (AND FOUNDATION DESIGN IF APPLICABLE) DETAILED WITHIN THESE DRAWINGS.

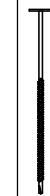


IF THESE DRAWINGS ARE SEALED, THE SEAL APPLIES ONLY TO BUILDING COMPONENTS (AND FOUNDATION DESIGN IF APPLICABLE) DETAILED WITHIN THESE DRAWINGS.

PROJECT: BISHOP PARK	CREATION DATE: 10/17/2014	DRAWN BY: briste	PRINT DATE: 4/9/2020	(616)399-1963 www.poligon.com
PROJECT LOCATION: BRYANT, AR	JOB NO: P11010	REV LEVEL: A	SCALE: 1:64	by PORTERCORP
DRAWING: ROOF LAYOUT	CAD MODEL: ~P11010			COPYRIGHT 2014 PORTERCORP 4240 N. 136th AVE HOLLAND, MI 49424
SHEET				
5				

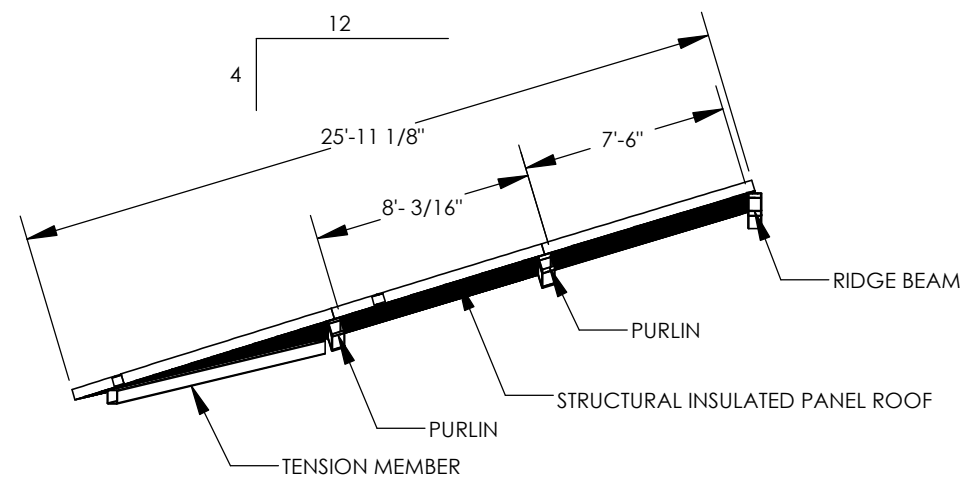


NOTE: All panels in any given bay of the building are either tongue right or tongue left. DO NOT attempt to install the panels in any other way.



FASTENERS: Roof panels are fastened to steel frame with 6" self-tapping SIP head screws

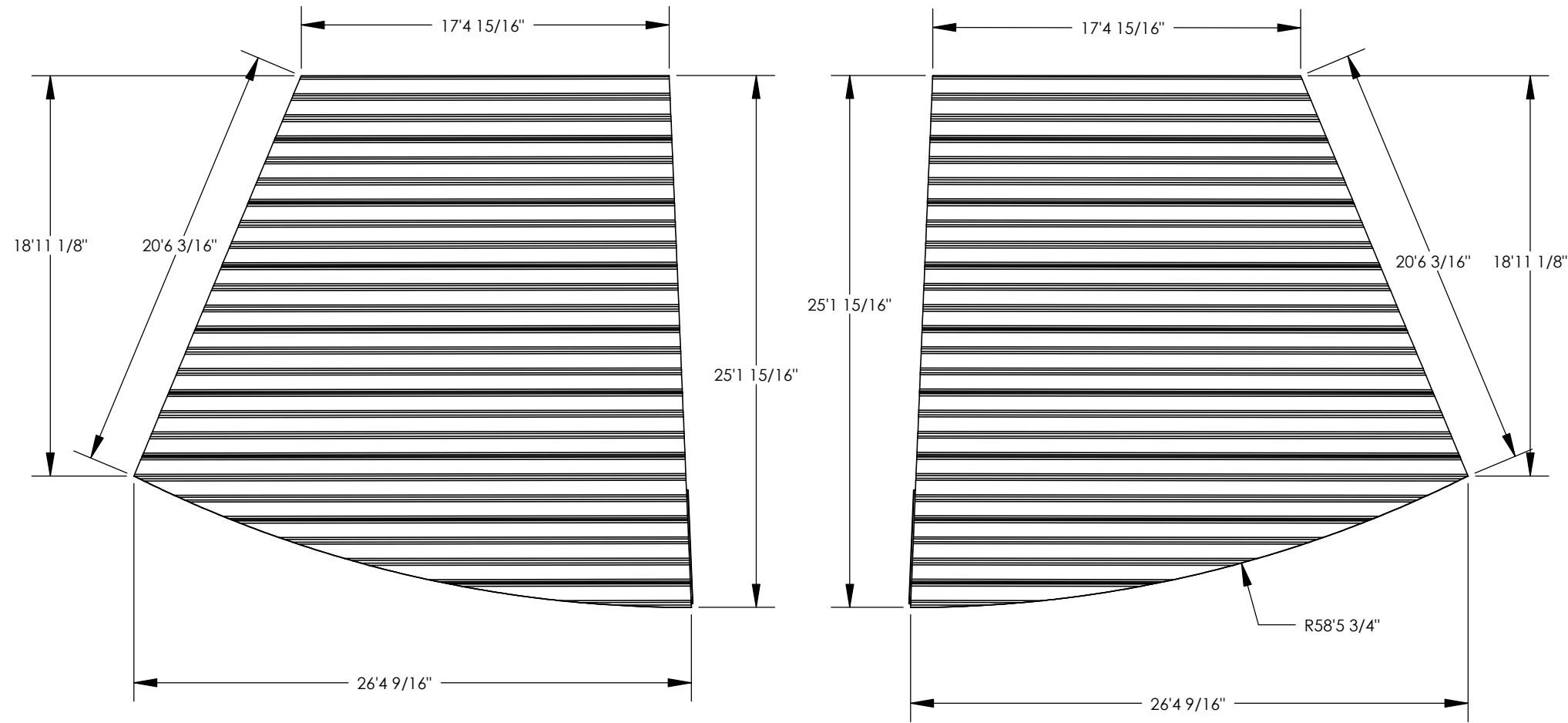
Panels are fastened to splines and subfascia with 2" Deck screws 6" O.C. @ top. Finish fascia is attached with 2" Deck screws



REGISTERED PROFESSIONAL ENGINEER
No. 13331
JASON M. CONN

IF THESE DRAWINGS ARE SEALED, THE SEAL APPLIES ONLY TO BUILDING COMPONENTS (AND FOUNDATION DESIGN IF APPLICABLE) DETAILED WITHIN THESE DRAWINGS.

PROJECT: BISHOP PARK PROJECT LOCATION: BRYANT, AR DRAWING: ROOF LAYOUT	CREATION DATE: 10/17/2014 JOB NO: P11010 CAD MODEL: ~P11010	DRAWN BY: briste REV LEVEL: A	PRINT DATE: 4/9/2020 SCALE: 1:84	(616)399-1963 www.poligon.com poligon by PORTERCORP <small>COPYRIGHT 2014 PATENTED OR PATENTS PENDING PORTERCORP 4240 N. 136th AVE HOLLAND, MI 49424</small>
SHEET <h1 style="margin: 0;">5.1</h1>				



MULTI-RIB NOTES:

THE DETAILS SHOWN ARE SUGGESTIONS OR GUIDELINES ON HOW TO ERECT THE SYSTEMS. THE INFORMATION SHOWN IS ACCURATE, BUT IT IS NOT INTENDED TO COVER ALL INSTANCES, BUILDING REQUIREMENTS, DESIGNS OR CODES. THE DETAILS MAY REQUIRE CHANGES OR REVISIONS DUE TO FIELD CONDITIONS.

IT SHALL BE THE RESPONSIBILITY OF THE ERECTOR TO ENSURE THAT THE DETAILS MEET PARTICULAR BUILDING REQUIREMENTS AND TO ASSURE ADEQUATE WATER TIGHTNESS.

THE ERECTOR SHOULD THOROUGHLY FAMILIARIZE HIMSELF/HERSELF WITH ALL ERECTION INSTRUCTIONS BEFORE STARTING WORK.

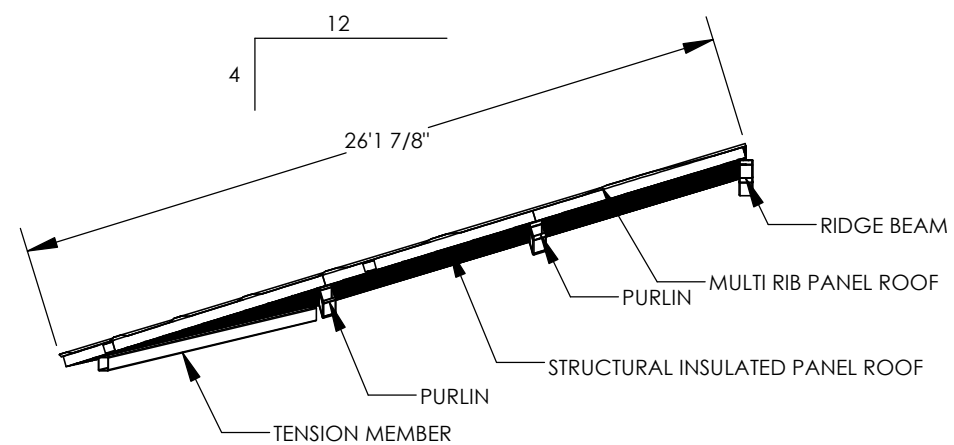
THE PANELS SHOULD BE INSTALLED PLUMB, STRAIGHT, AND ACCURATELY TO THE ADJACENT WORK.

FLASHING AND TRIM SHALL BE INSTALLED TRUE, AND IN PROPER ALIGNMENT, WITH ANY EXPOSED FASTENERS EQUALLY SPACED FOR THE BEST APPEARANCE.

SEALANT SHALL BE FIELD APPLIED ON DRY, CLEAN SURFACES. SOME FIELD CUTTING AND FITTING OF PANELS AND FLASHING IS TO BE EXPECTED BY THE ERECTOR AND MINOR FIELD CORRECTIONS ARE A PART OF NORMAL ERECTION WORK.

WORKMANSHIP SHALL BE OF THE BEST INDUSTRY STANDARDS AND INSTALLATION SHALL BE PERFORMED BY EXPERIENCED METAL CRAFTSMEN.

METAL SHAVINGS FROM DRILLING OR INSTALLATION OF ROOF FASTENERS MUST BE CAREFULLY REMOVED FROM THE ROOF BY BRUSHING OR SWEEPING AT THE END OF EACH DAY DURING INSTALLATION. SHAVINGS LEFT ON THE ROOF WILL QUICKLY RUST AND STAIN THE ROOF FINISH.

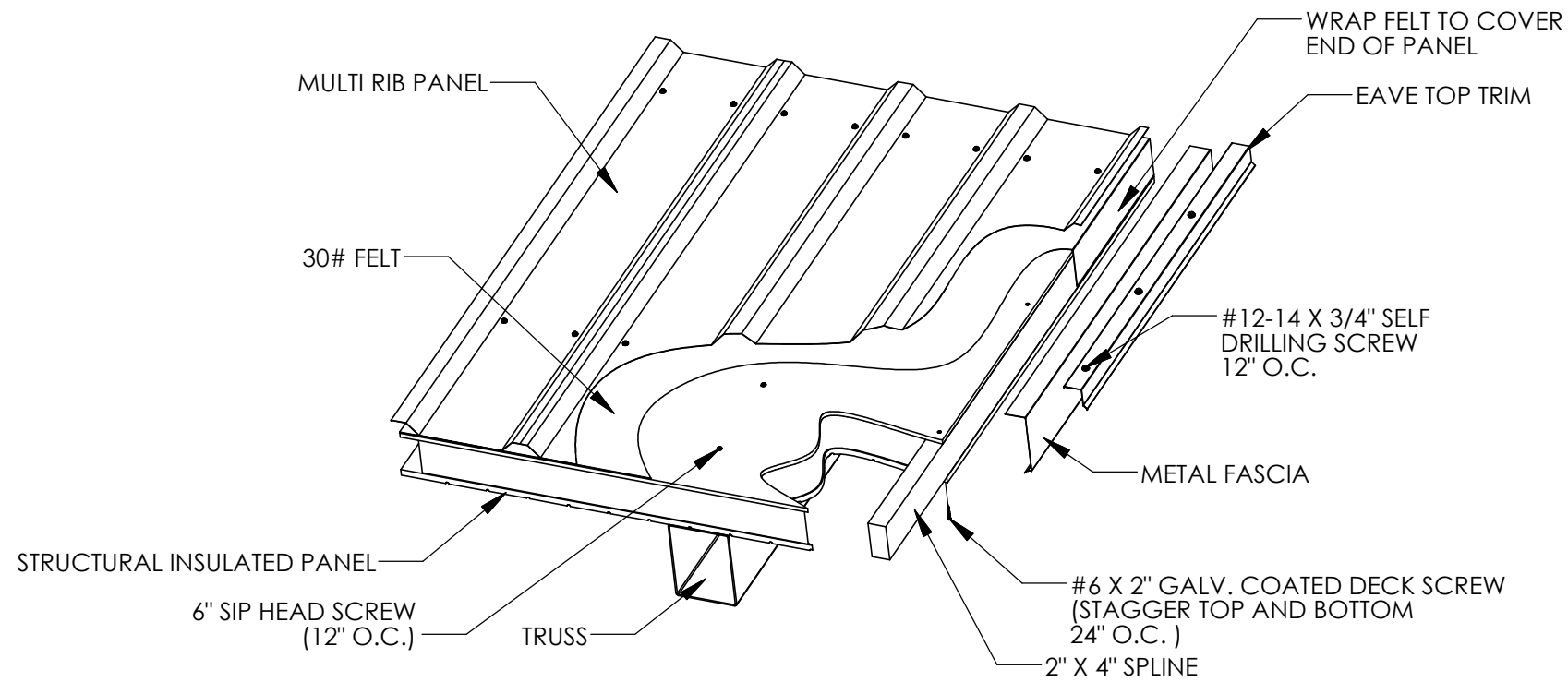


STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13331
JASON M. CONN

PROJECT: BISHOP PARK
PROJECT LOCATION: BRYANT, AR
DRAWING: ROOF LAYOUT

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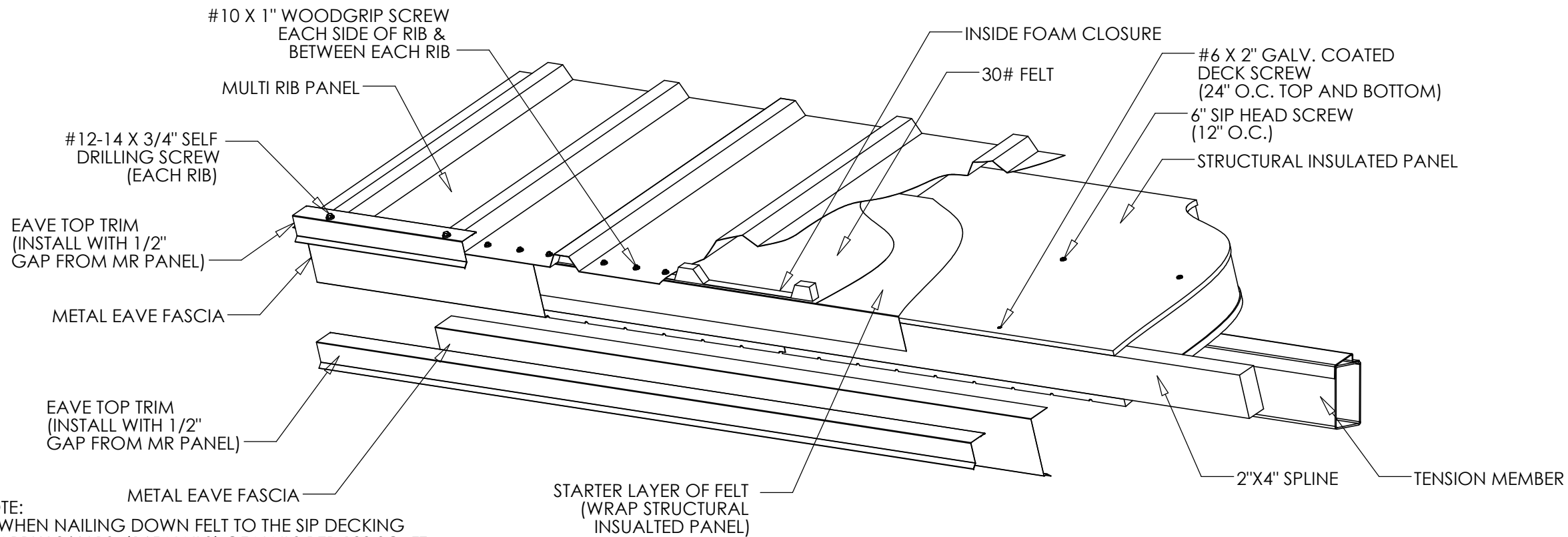
PROJECT:	BISHOP PARK	PRINT DATE:	4/9/2020
PROJECT LOCATION:	BRYANT, AR	SCALE:	1:84
DRAWING:	ROOF LAYOUT	DRAWN BY:	briste
		REV LEVEL:	A
		CREATION DATE:	10/17/2014
		JOB NO.:	P11010
		CAD MODEL:	~P11010
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NOTE:
 WHEN NAILING DOWN FELT TO THE SIP DECKING
 APPLY 3/4 LBS. (165 NAILS) OF NAILS PER 100 SQ. FT.
 EVENLY DISPERSED. (NAILS NOT BY POLIGON)

RAKE DETAIL

SPMR-400









NOTE:
 WHEN NAILING DOWN FELT TO THE SIP DECKING
 APPLY 3/4 LBS. (165 NAILS) OF NAILS PER 100 SQ. FT.
 EVENLY DISPERSED. (NAILS NOT BY POLIGON)

EAVE DETAIL

SPMR-100

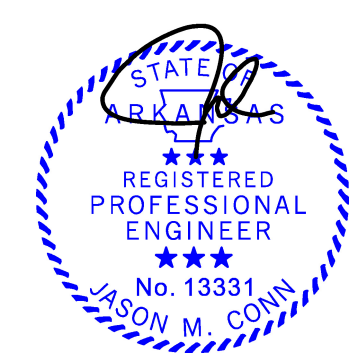
PART DESCRIPTIONS:

-  #12-14x3/4" SELF DRILLING SCREW.
-  6" SIP HEAD SCREW
-  8" SIP HEAD SCREW
-  #10x1" WOODGRIP SCREW
-  1 1/4" GALVANIZED ROOFING NAIL (NOT BY POLIGON)
-  2" DECK SCREWS

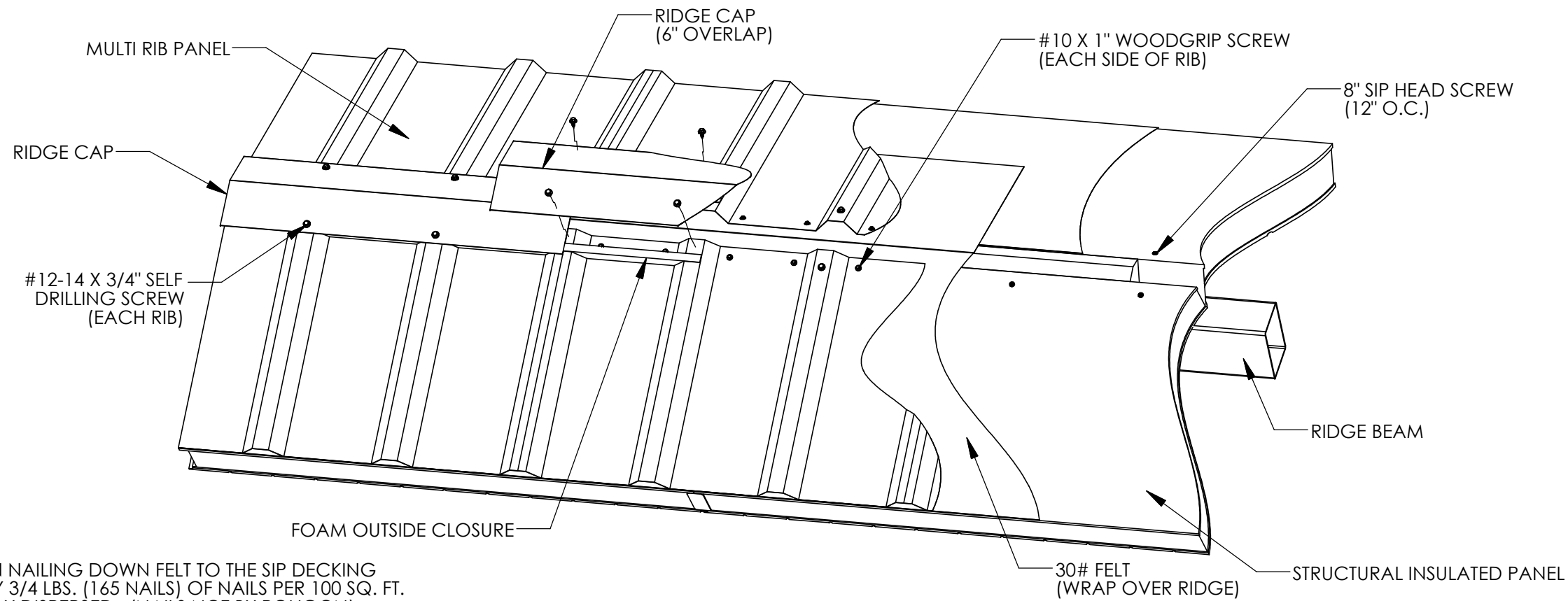
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PRINT DATE: 4/9/2020
 SCALE: 1:1
 DRAWN BY: briste
 REV LEVEL: A
 CREATION DATE: 10/17/2014
 JOB NO: P11010
 CAD MODEL: ~P11010

PROJECT: BISHOP PARK
 PROJECT LOCATION: BRYANT, AR
 DRAWING: ROOF CONNECTION DETAILS



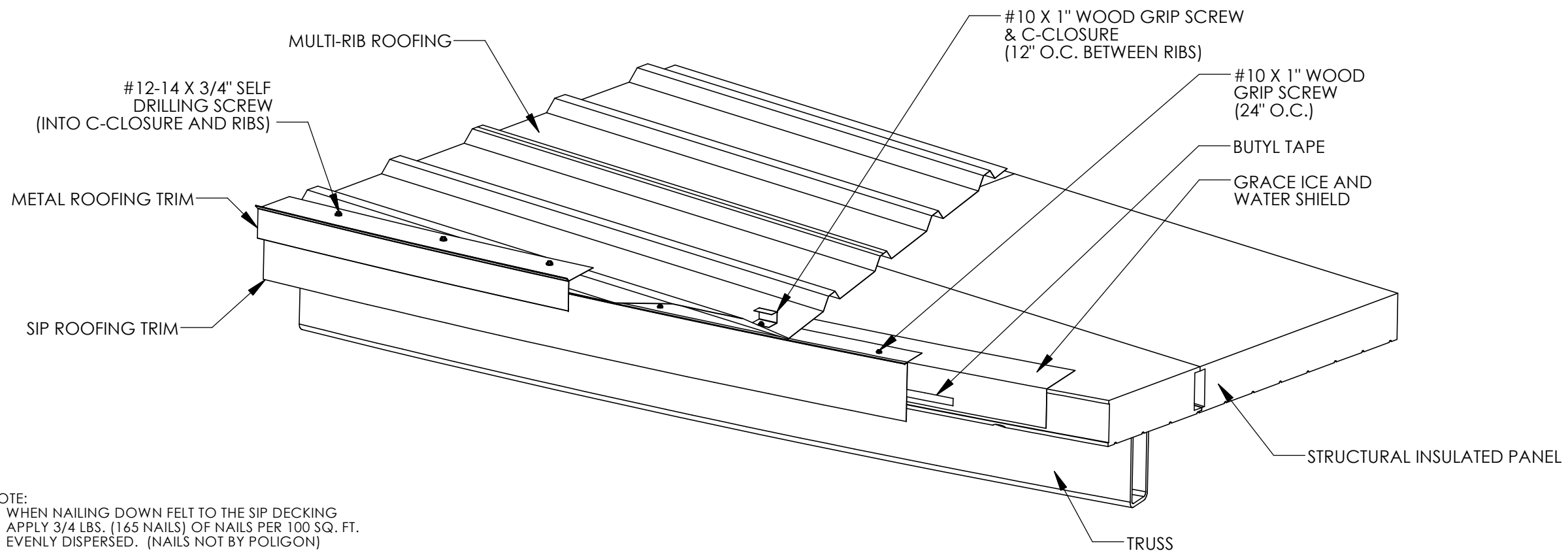
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NOTE:
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 APPLY 3/4 LBS. (165 NAILS) OF NAILS PER 100 SQ. FT.
 EVENLY DISPERSED. (NAILS NOT BY POLIGON)

RIDGE DETAIL

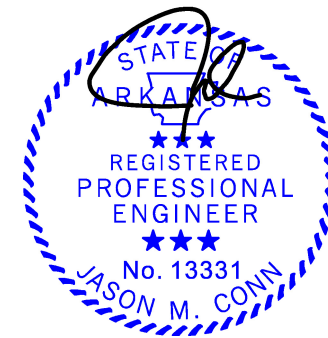
SPMR-500



NOTE:
 WHEN NAILING DOWN FELT TO THE SIP DECKING
 APPLY 3/4 LBS. (165 NAILS) OF NAILS PER 100 SQ. FT.
 EVENLY DISPERSED. (NAILS NOT BY POLIGON)

RAKE TRIM DETAIL

SPMR-405

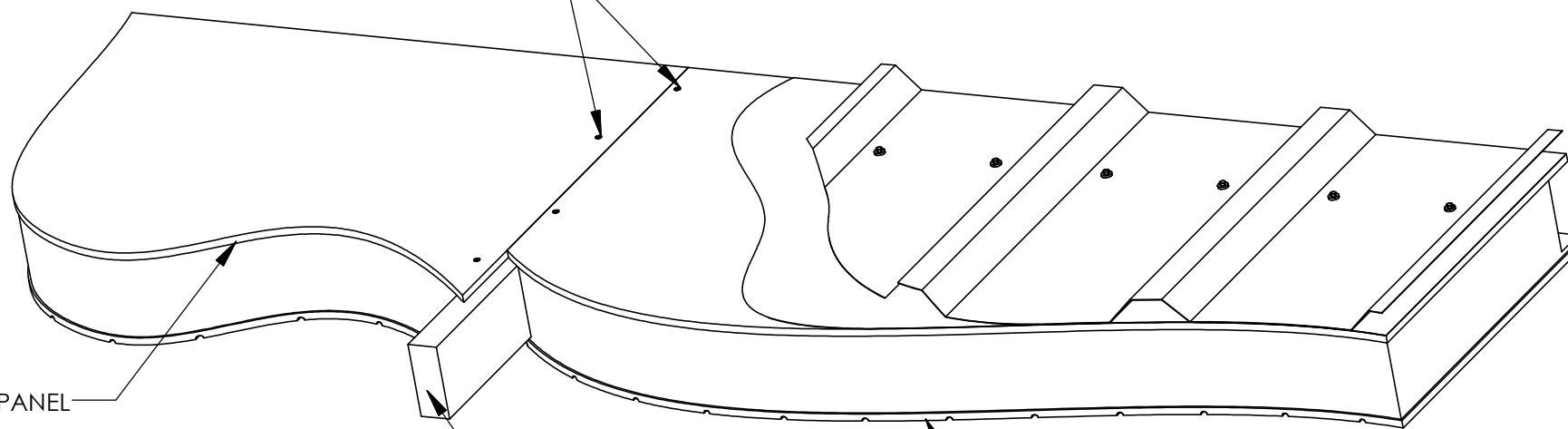


#6 X 2" GALC. COATED
DECK SCREW
(12" O.C. STAGGERED)

STRUCTURAL INSULATED PANEL

2"X4" SPLINE

STRUCTURAL INSULATED PANEL



NOTE:
WHEN NAILING DOWN FELT TO THE SIP DECKING
APPLY 3/4 LBS. (165 NAILS) OF NAILS PER 100 SQ. FT.
EVENLY DISPERSED. (NAILS NOT BY POLIGON)

PANEL SPLICE DETAIL

SPMR-650

2013A

MULTI RIB PANEL

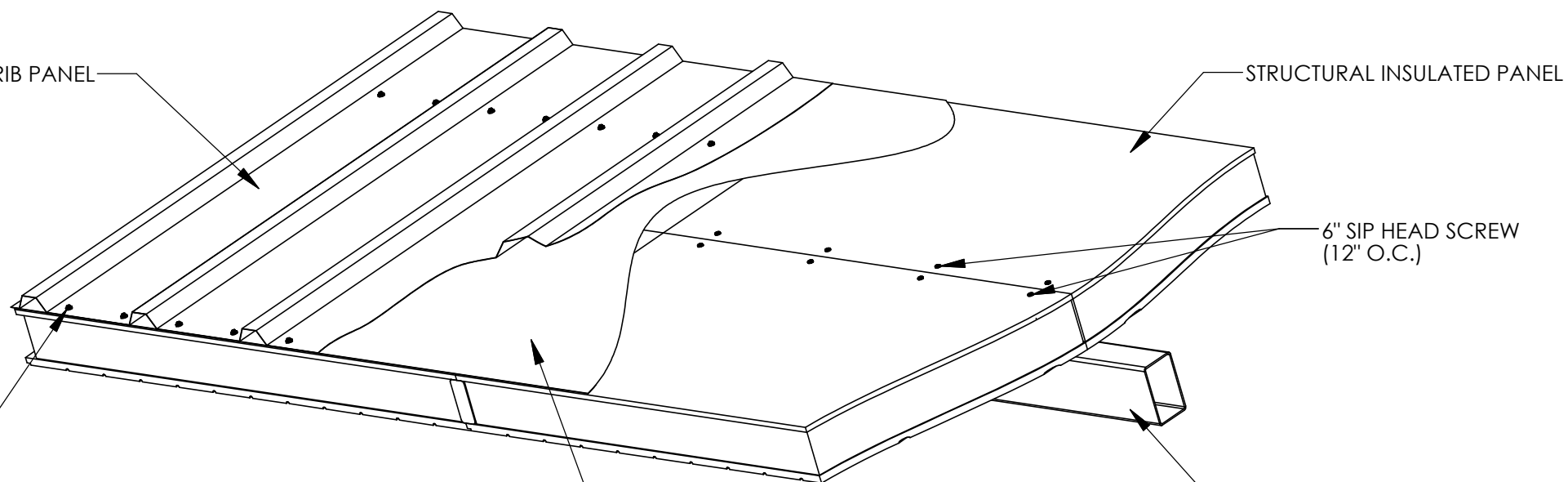
STRUCTURAL INSULATED PANEL

6" SIP HEAD SCREW
(12" O.C.)

#10 X 1" WOODGRIP SCREW
(1) EACH SIDE OF RIB
24" O.C. ALONG RIB
OVER ENTIRE ROOF

30# FELT

PURLIN



NOTE:
WHEN NAILING DOWN FELT TO THE SIP DECKING
APPLY 3/4 LBS. (165 NAILS) OF NAILS PER 100 SQ. FT.
EVENLY DISPERSED. (NAILS NOT BY POLIGON)

MID SPAN DETAIL

SPMR-604

2013A

