



A Division of PORTER CORP. 4249 N. 138th AVE. HOLLAND, MI 49424 (815) 589-3500
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 Copyright laws protect the style and visual appearance of the structure while patents may protect other parts of the design.

DRAWING LIST:

SHEET NUMBER	DRAWING DESCRIPTION
CS	COVER SHEET
1	ARCHITECTURAL ELEVATIONS
2-2.1	ANCHOR AND FOOTING LAYOUT / DETAILS
3	STRUCTURAL FRAMING PLAN
4-4.1	FRAME CONNECTION DETAILS
5-5.1	ROOF LAYOUT
6-6.1	ROOF CONNECTION DETAILS

DESIGN CRITERIA:

GENERAL:
 2018 NORTH CAROLINA BUILDING CODE
 RISK CATEGORY: II

DEAD LOAD:
 ROOF DEAD LOAD: 2 PSF
 FRAME DEAD LOAD: SELF WEIGHT

LIVE LOAD:
 ROOF LIVE LOAD: 20 PSF

SNOW DESIGN DATA:
 GROUND SNOW LOAD (Pg): 15 PSF
 FLAT ROOF SNOW LOAD (Pf): 15 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 SYSTEMS NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE
 SEISMIC IMPORTANCE FACTOR (Ie): 1.0
 SEISMIC DESIGN CATEGORY: C
 SEISMIC SITE CLASS: D
 SEE CALCULATIONS FOR ADDITIONAL DATA

ADDITIONAL CRITERIA:
 NONE

MANUFACTURER NOTES:

MATERIALS:

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

CERTIFICATES:

MIAMI-DADE COUNTY CERTIFICATE OF COMPETENCY NO. 21-0819.13
 PCI (POWDER COATING INSTITUTE) 4000 CERTIFIED

FABRICATOR APPROVALS:

CITY OF PHOENIX, AZ APPROVED FABRICATOR #C08-2010
 CITY OF LOS ANGELES, CA APPROVED FABRICATOR #FB01596
 CITY OF RIVERSIDE, CA APPROVED FABRICATOR #SF_000042
 CITY OF HOUSTON, TX APPROVED FABRICATOR #470
 CLARK COUNTY, NV APPROVED FABRICATOR #264
 STATE OF UTAH APPROVED FABRICATOR 02008-14
 AISC APPROVED FABRICATOR C-00018751



Christopher Evans
 2021.12.15
 08:58:17
 -05'00'

PROJECT: ATHERSTONE HOA

PROJECT LOCATION: ANGIER, NC

DATE: 12/13/2021

SCALE: 1/75

CREATION DATE: 4/4/2016

URGENCY: 71607

CAD NAME: -P13805

DRAWN BY: zoch.buchtwelz

REV LEVEL: A

SHEET
CS

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

PROJECT NAME: ATHERSTONE HOA

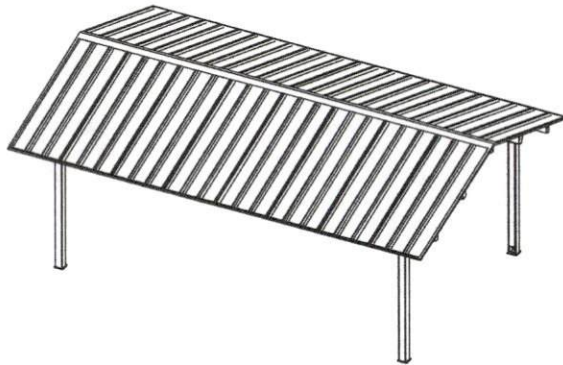
PROJECT LOCATION: ANGIER, NC

BUILDING TYPE: REK 16X24

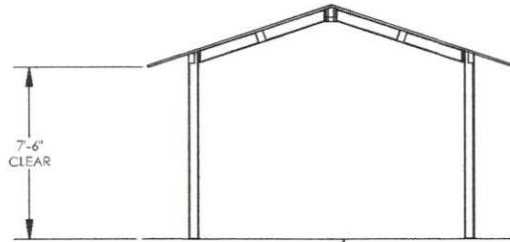
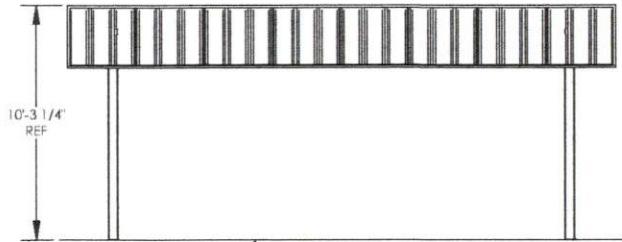
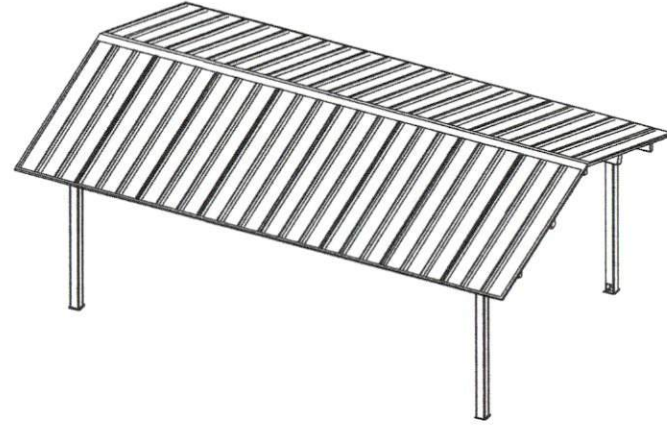
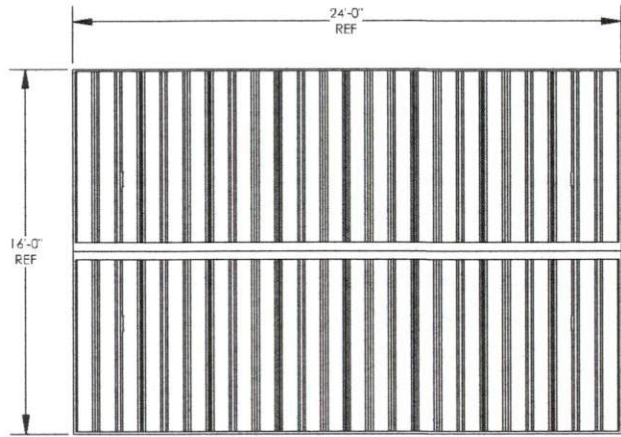
ROOF TYPE: MULTI-RIB

BUILDING NUMBER: P13805

ORDER NUMBER: 71607




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 MAIN: (616) 888-3500
 FIELD SUPPORT: (616) 888-3504
 poligon
 by PORTER CORP.
 PRINT DATE: 12/13/2021
 DRAWN BY: zoch.buchtwelz
 REV LEVEL: A
 CREATION DATE: 4/4/2016
 URGENCY: 71607
 CAD NAME: -P13805
 PROJECT: ATHERSTONE HOA
 PROJECT LOCATION: ANGIER, NC
 SHEET
CS



FINISH GRADE
 (ASSUMED AT CONSTANT
 ELEVATION UNLESS
 OTHERWISE NOTED)

FINISH GRADE
 (ASSUMED AT CONSTANT
 ELEVATION UNLESS
 OTHERWISE NOTED)

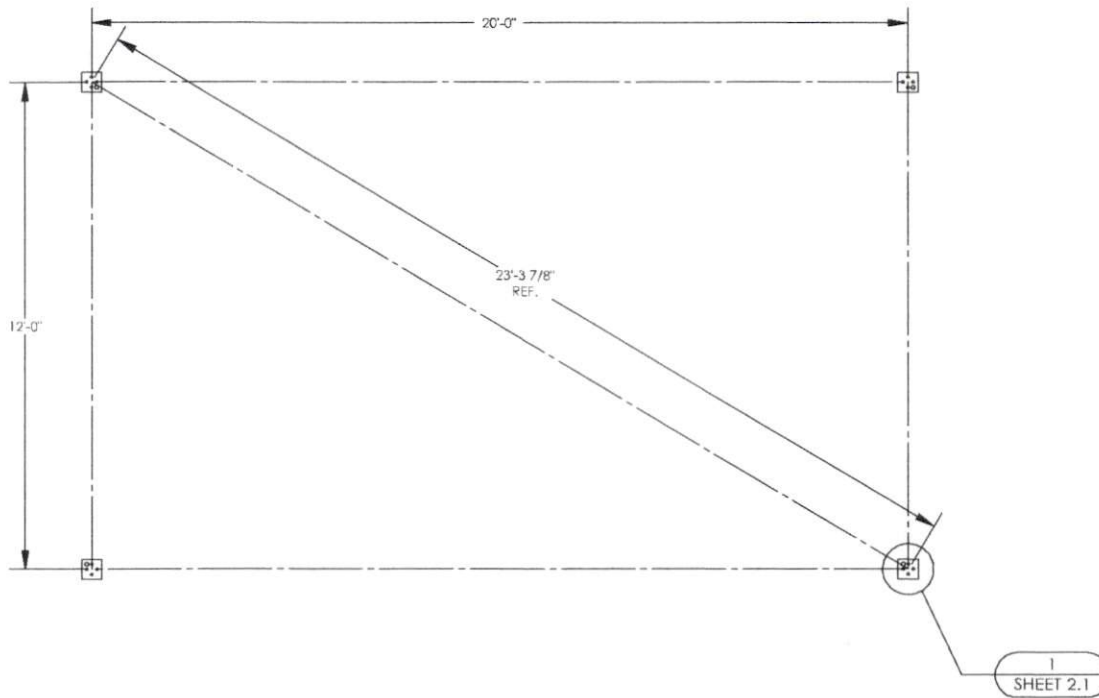


Christopher Evans
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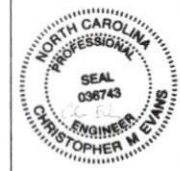
PROJECT:	ATHERSTONE HOA	CREATION DATE:	4/4/2016	PRINT DATE:	12/13/2021
PROJECT LOCATION:	ANGIER, NC	DRAWN BY:	ZACH BUCHHEITZ	SCALE:	1:64
DRAWING:	ARCHITECTURAL ELEVATIONS	REV LEVEL:	A	CAD MODEL:	-P13805
SHEET:	1				

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ANCHOR AND FOOTING LAYOUT NOTES:

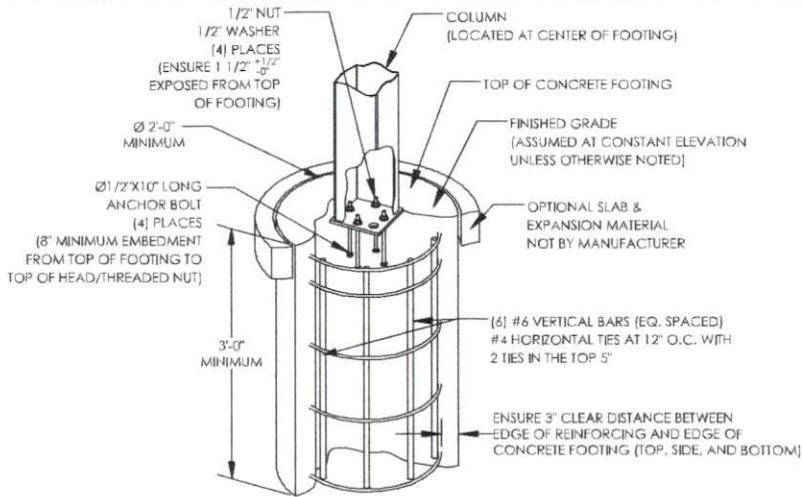
1. ANCHORS MUST BE CENTERED IN FOOTINGS
2. FOOTINGS MUST BE TURNED TO ALIGN WITH COLUMN AND TRUSS CENTERLINE.



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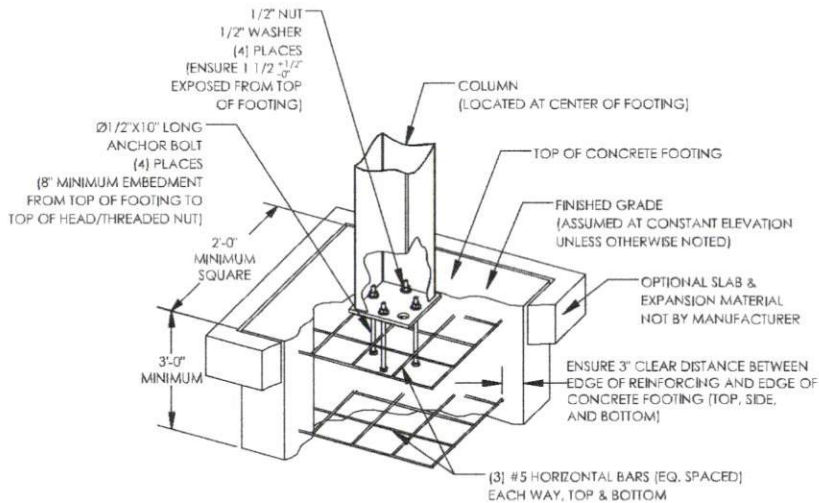
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PROJECT: AATHERSTONE HOA PROJECT LOCATION: ANGIER, NC DRAWINGS: ANCHOR AND FOOTING LAYOUT	CREATION DATE: 4/4/2016 DRAWN BY: ZACH DUCHWELTZ CHECKED BY: A REV. LEVEL: A CAD MODEL: -P13805
SHEET 2	PRINT DATE: 12/13/2021 SCALE: 1:36



PIER FOOTING OPTION (INTERNAL ANCHOR BOLTS)

FOOTING DESIGN BY MANUFACTURER, FOOTING MATERIALS BY OTHERS. (TYPICAL WITH EACH COLUMN, QTY OF REINFORCING AND ANCHOR BOLTS SPECIFIED IN NOTES REFLECT SITE SPECIFIC REQUIREMENTS)

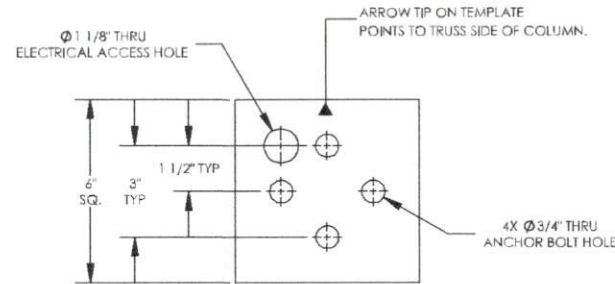


PAD FOOTING OPTION (INTERNAL ANCHOR BOLTS)

FOOTING DESIGN BY MANUFACTURER, FOOTING MATERIALS BY OTHERS. (TYPICAL WITH EACH COLUMN, QTY OF REINFORCING AND ANCHOR BOLTS SPECIFIED IN NOTES REFLECT SITE SPECIFIC REQUIREMENTS)

ANCHOR BOLT NOTES - INTERNAL (ANCHOR BOLTS LOCATED WITHIN COLUMN):

- ANCHOR BOLTS SHALL BE ASTM A307 (GRADE A) 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. BE SURE TO KEEP THE ANCHOR BOLT TEMPLATE PROPERLY ORIENTED WHEN ELECTRICAL ACCESS TO THE COLUMN IS REQUIRED. **TEMPLATE MUST BE REMOVED BEFORE INSTALLING COLUMNS.**
- THE CALCULATIONS FOR THIS STRUCTURE ASSUME A PINNED COLUMN BASE.
- THE FOLLOWING ADHESIVE ANCHORS MAY BE SUBSTITUTED FOR THE CAST-IN-PLACE ANCHOR BOLTS:
-HILTI HIT-HY 200 (A OR R) ADHESIVE WITH Ø 1/2" HAS-E ROD WITH MINIMUM 6" EMBEDMENT.
- CONTRACTOR SHALL FOLLOW ALL INSTALLATION SPECIFICATIONS AND REQUIREMENTS OF ANCHOR MANUFACTURER.



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

FOUNDATION NOTES:

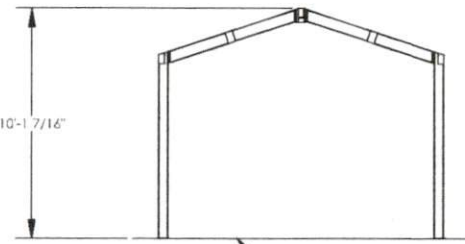
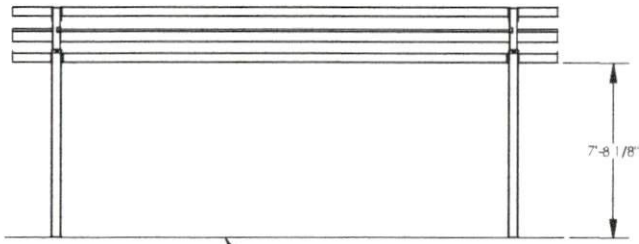
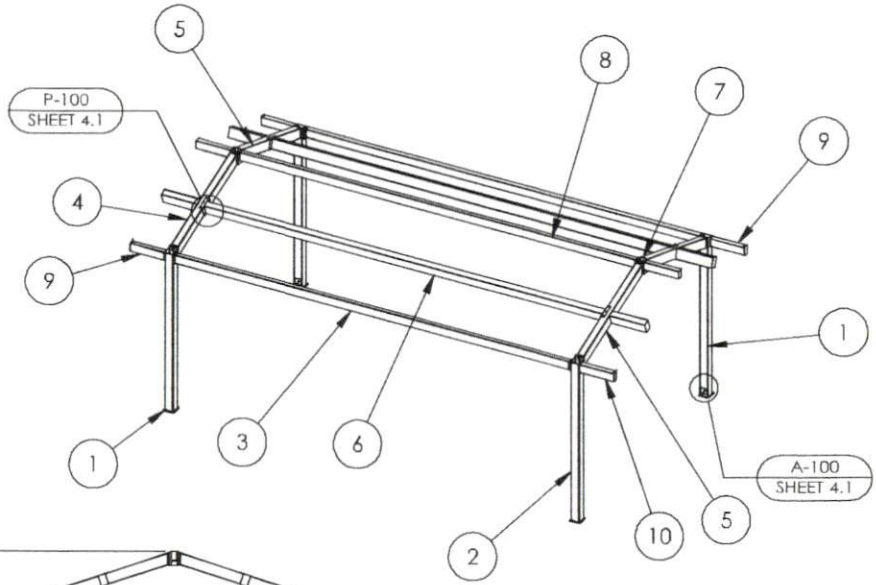
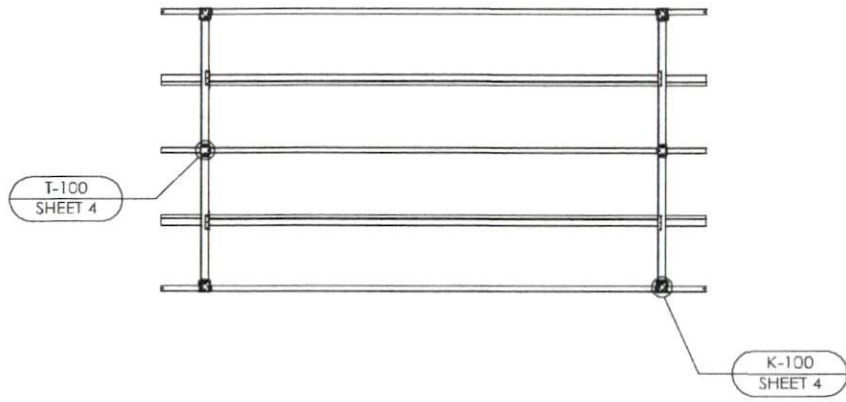
- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE REQUIREMENTS OF THE BUILDING CODE, AMERICAN CONCRETE INSTITUTE, AND ALL APPLICABLE STATE AND LOCAL ORDINANCES AND REQUIREMENTS.
- THE CONCRETE DESIGN IS BASED ON THE FOLLOWING PROPERTIES:
 - 28 DAY STRENGTH OF 4500 psi.
 - SLUMP OF 4" (+/-1")
- THE 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 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.

Christopher Evans
 2021.12.1
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poligon	DRAWN BY: zachbuchwoltz	REV LEVEL: A	BY PORTER CORP
	CREATION DATE: 4/4/2016	ORDER NO.: 71607	CAD MODEL: -P13805
	PROJECT: ATERSTONE HOA		
	PROJECT LOCATION: ANGER, NC		
	DRAWING: ANCHOR AND FOOTING DETAILS		
	SHEET	2.1	



FINISH GRADE
(ASSUMED AT CONSTANT
ELEVATION UNLESS
OTHERWISE NOTED)

FINISH GRADE
(ASSUMED AT CONSTANT
ELEVATION UNLESS
OTHERWISE NOTED)

ITEM	QTY.	PART NO.	DESCRIPTION	MATERIAL	WEIGHT
10	2	-	TMEM TAIL 2 ASM	HSS5X3X1/8	12.84
9	2	-	TMEM TAIL 1 ASM	HSS5X3X1/8	12.84
8	1	-	RIDGE ASM	HSS5X3X1/8	128.90
7	2	-	CTUBE ASM	HSS5X5X1/2	31.14
6	2	-	PURLIN ASM	HSS6X4X1/8	238.27
5	2	-	TRUSS 2 ASM	HSS6X4X1/8	68.99
4	2	-	TRUSS 1 ASM	HSS6X4X1/8	68.99
3	2	-	TMEM ASM	HSS5X3X1/8	128.96
2	2	-	COL 2 ASM	HSS5X5X3/16	108.09
1	2	-	COL 1 ASM	HSS5X5X3/16	108.09

NORTH CAROLINA
PROFESSIONAL
SEAL
036743
ENGINEER
CHRISTOPHER M EVANS

**Christop
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by PORTER CORP.

CREATION DATE: 4/4/2016

PROJECT: ATHERSTONE HOA

DRAWN BY: ZORICH, BUCHTWEITZ

PROJECT LOCATION: ANGLIER, NC

REV. DATE: 12/13/2021

SCALE: 1:64

REV. LEVEL: A

CAD MODEL: -P13805


DRAWING: STRUCTURAL FRAMING PLAN

SHEET

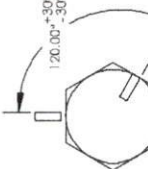
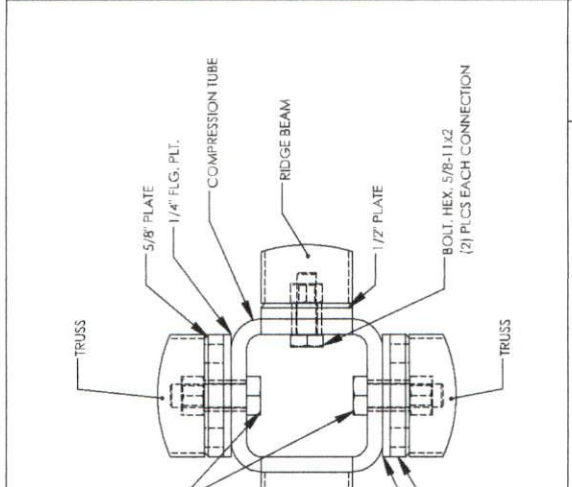
3

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

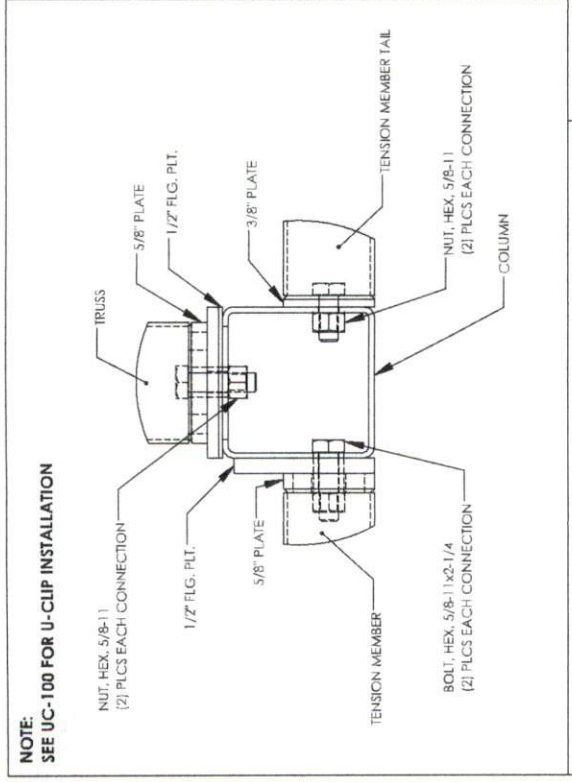


STEP TWO:
 THEN TURN BOLT/NUT PAST SNUG TIGHT 1/3 TURN

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

BOLT, HEX. 3/4"-10x2-1/2 (2) PLS EACH CONNECTION
 1/4" FLG. PLT.
 COMPRESSION TUBE
 RIDGE TAIL (HSSX3X1/8) WELDED TO COMPRESSION TUBE
 1/4" FLG. PLT.
 5/8" PLATE
 RIDGE BEAM
 1/2" PLATE
 BOLT, HEX. 5/8"-11x2 (2) PLS EACH CONNECTION
 TRUSS



NOTE:
 SEE UC-100 FOR U-CLIP INSTALLATION

NUT, HEX. 5/8"-11 (2) PLS EACH CONNECTION
 1/2" FLG. PLT.
 5/8" PLATE
 TENSION MEMBER
 BOLT, HEX. 5/8"-11x2-1/4 (2) PLS EACH CONNECTION
 TENSION MEMBER TAIL
 3/8" PLATE
 NUT, HEX. 5/8"-11 (2) PLS EACH CONNECTION
 COLUMN

COMPRESSION MEMBER CONNECTION T-100

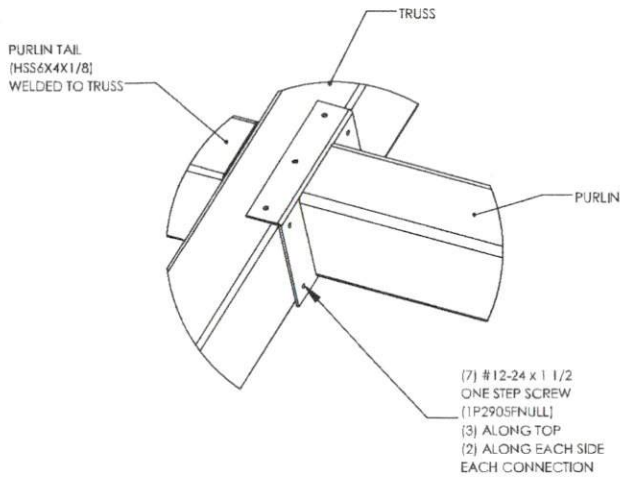
COLUMN CONNECTIONS K-100

- CONNECTION NOTES:**
- HIGH STRENGTH BOLTS SHALL BE ASTM F3125 (A325, TYPE 1) MATERIAL.
 - HIGH STRENGTH NUTS SHALL BE ASTM A563 (GRADE DH) MATERIAL.
 - HIGH STRENGTH WASHERS SHALL CONFORM TO ASTM F436.
 - ALL BOLTS TO BE INSTALLED BY THE "TURN-OF-NUT" PRETENSIONING METHOD AS SPECIFIED IN THE LATEST EDITION OF THE AISC "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS". (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 ENSURE PROPER TIGHTNESS. THIS METHOD IS ONLY REQUIRED ON A325 BOLTS. ANCHOR BOLTS ONLY NEED TO BE SNUG TIGHT.
 - WHEN INSTALLING BOLTS, REFER TO RC3C SECTION 8 IN 4.1 SNUG-TIGHTENED JOINTS, 4.2 PRETENSIONED JOINTS, AND 4.3 SLIP-CRITICAL JOINTS FOR GUIDANCE.
 - LOCAL JURISDICTIONS MAY REQUIRE AN INSPECTOR TO BE PRESENT TO WITNESS HARDWARE INSTALLATION AND INDEPENDENT TESTING. INSPECTION REQUIREMENTS SHOULD BE VERIFIED BY INSTALLER PRIOR TO STEEL ERECTION.
 - ERECTION OF THE FRAMING MEMBERS WILL REQUIRE THE MAIN COLUMNS TO BE PLUMB SQUARE AND TIGHTENED TO THE TRUSSES AND/OR TENSION MEMBERS BEFORE INSTALLING THE PURLINS. PURLINS, IF REQUIRED, MUST BE PARALLEL TO THE EAVE BEAMS AND TENSION MEMBERS OR AS SHOWN IN FRAMING PLAN.
 - PRIOR TO THE ERECTION OF SHELTER COMPONENTS, IT IS RECOMMENDED TO GRAB AND TAP STRUCTURAL HARDWARE.
 - ALL BOLTS MUST BE LUBRICATED WITH WAX TO ASSIST IN PROPER TIGHTENING. TO LUBRICATE A BOLT IN THE FIELD, APPLY THE WAX STICK DOWN THE LENGTH OF THE BOLT'S THREADS.
 - TO PREVENT RUST STAINING OF FINISH, ALL METAL SHAVINGS MUST BE REMOVED AFTER INSTALLATION. ENSURE NO SHAVINGS ARE TRAPPED BETWEEN MATING SURFACES.
 - TOUCH-UP PAINT MUST BE APPLIED TO ALL EXPOSED FASTENERS. PERIODIC TOUCH-UP AT THESE CONNECTIONS IS REQUIRED.

Christopher Evans
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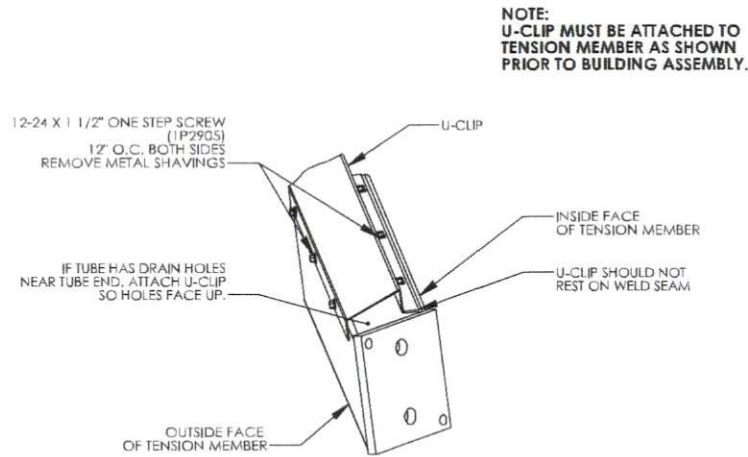
PROFESSIONAL SEAL
 NORTH CAROLINA
 ENGINEER
 CHRISTOPHER EVANS
 006743

IF THESE DRAWINGS ARE SEALED, THE SEAL APPLIES ONLY TO BUILDING COMPONENTS AND NOT TO ANY OTHER DETAILS SHOWN ON THESE DRAWINGS.



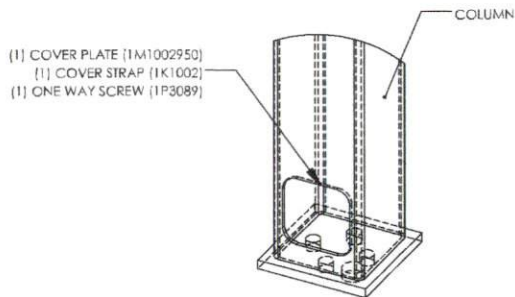
PURLIN CONNECTION

P-100



U-CLIP CONNECTION

UC-100



ANCHOR ACCESS COVER PLATE

A-100

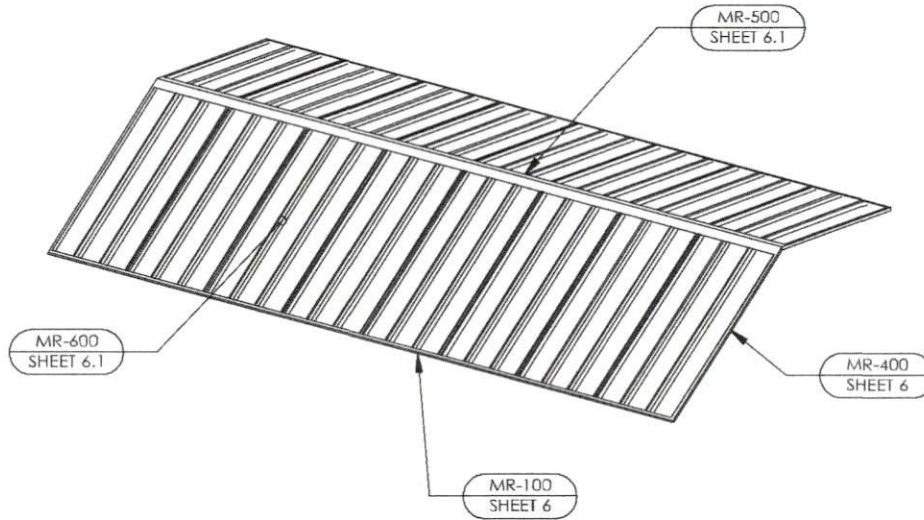
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her Evans**
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PROJECT:	ATHERSTONE HOA
PROJECT LOCATION:	ANGIER, NC
DRAWING:	FRAME CONNECTION DETAILS
SHEET	4.1

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

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 FIELD SUPPORT: (616) 888-3504
 by PORTER CORP.

PRINT DATE:	12/13/2021
SCALE:	1:4
DRAWN BY:	ZOCHLOJACTWELZ
REV LEVEL:	A
CREATION DATE:	4/4/2016
REFERENCE:	71607
CAD MODEL:	-P13805

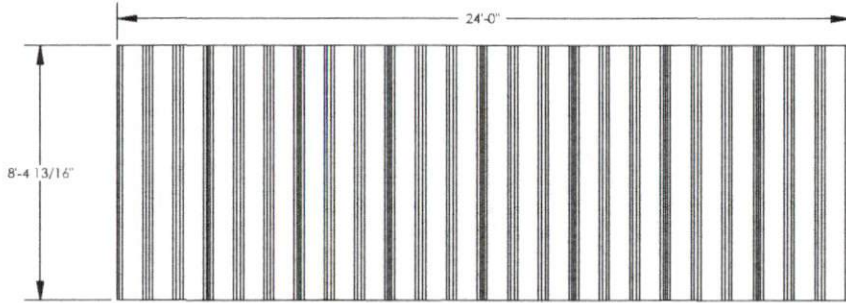


Christopher Evans
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IF THESE DRAWINGS ARE SEALED, THE SEAL APPLIES ONLY TO BUILDING COMPONENTS (AND FOUNDATION DESIGN IF APPLICABLE) DETAILED WITHIN THESE DRAWINGS.

PROJECT:	ATHERSTONE HOA	CREATION DATE:	4/4/2016	PRINT DATE:	12/13/2021
PROJECT LOCATION:	ANGIER, NC	ORDER NO.:	71607	DRAWN BY:	ZACH DUCHWILTZ
DRAWING:	ROOF OVERVIEW	CAD. MCTR.:	-P13805	REV. LEVEL:	A
SHEET	5	SCALE:	1:50	WWW.POLYGON.COM	

poligon
 by PORTER CORP. FIELD SUPPORT: (616) 888-3504



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.

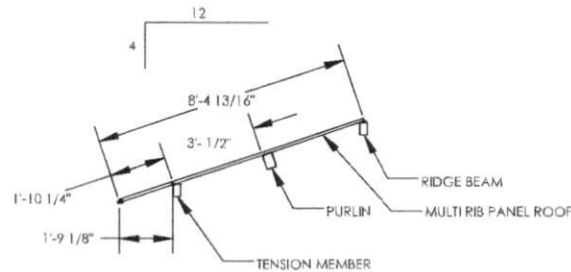
THE PANELS SHOULD BE INSTALLED PLUMB, STRAIGHT, AND ACCURATELY TO THE ADJACENT WORK.

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.





Christopher Evans
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 WWW.POLYGON.COM MAIN: (616) 888-3500 FIELD SUPPORT: (616) 888-3504 by PORTER CORP.	PREP DATE: 12/13/2021 SCALE: 1:48	DRAWN BY: ZACH DUCHWELTZ REVIEWED: A	CREATION DATE: 4/4/2016 CURSES NO.: 71407 CAD MODEL: ~P13805	PROJECT: ATHERSTONE HOA PROJECT LOCATION: ANGLIER, NC DRAWING: ROOF LAYOUT
SHEET				5.1