

Stout Memorial Gazebo – Park Hills Golf Course Request for Proposals



1122 S. Burchard Ave; PO Box 417
Freeport, IL 61032

Sealed Proposals are due by: Friday, March 7, 2025, at 10:00 AM:

Freeport Park District is accepting sealed bids for the construction of a gazebo and cement foundation. All questions concerning specific work to be done should be directed to Berin Jackson, Superintendent of Parks and Natural Resources at bjackson@freeportparkdistrict.org or (815) 801-8709.

Freeport Park District reserves the right to reject any or all proposals, to waive technicalities, and to accept any proposal which it deems to be in the best interest of Freeport Park District.

I. GENERAL CONDITIONS

INSTRUCTIONS TO BIDDERS

Bids must be submitted on the Proposal Form accompanying this Request for Proposals, and all information called for thereon must be furnished. Bids submitted in any other manner, or which fail to furnish all information required may be rejected. Any bid received after the exact time specified for receipt will not be considered.

Envelopes containing bids must be sealed and addressed to the Park District office stated in this Request for Proposals. The name and address of the bidder must be shown in the upper left corner of the bid envelope. The date and hour of bid opening with the phrase "Stout Memorial Gazebo" must be shown in the lower left corner of the envelope.

BASIS OF AWARD:

Selection of the Contractor will be based on the following considerations in order of importance:

1. Cost
2. References with preference awarded to references from Public Sector Agencies and/or Corporate Organizations served
3. Years of relevant experience

PERFORMANCE BOND:

If the Contract Price is greater than \$150,000, the Bidder shall deposit with the Freeport Park District before commencing any work a Performance Bond per Public Construction Bond Act (30 ILCS550) for the full amount of the contract, guaranteeing the faithful performance of the work in accordance with the contract, the payment of all indebtedness incurred for labor and materials, and guarantee correction of work for a period of one (1)

year after final payment. The cost of each bond shall be included in the contract price set forth above. The surety must be approved by the Park District and be licensed to conduct business in the State of Illinois and be named in the current list of "Surety Companies Acceptable on Federal Bonds," as published in the Federal Register by the Audit Staff, Bureau of Accounts, U.S. Treasury. The Bidder and all subcontractors shall name the Freeport Park District as an obligee on all bonds. Said bonds shall meet the requirements of the Illinois Public Construction Bond Act, 30 ILCS 550/0.01 et seq. and any future amendments thereto. Bidder shall include in its performance and payment bond, such language that will guarantee the faithful performance of the Prevailing Wage Act.

WAGE RATES AND OTHER APPLICABLE CONDITIONS:

Illinois Department of Labor's Prevailing Wage Requirements apply to this project. Bidders must also comply with all other applicable federal, state and local laws, rules and regulations including but not limited to:

- DRUG FREE WORKPLACE ACT
- ILLINOIS HUMAN RIGHTS ACT

SUBCONTRACTORS:

The Contractor shall not employ any subcontractor, supplier or other person or organization, whether initially or as a substitute, against whom the Park District may have reasonable objection. The selected Contractor shall submit to Freeport Park District within ten (10) days after the receipt of proposals, a list of the names of Contractor's proposed subcontractors along with a description of the work to be performed by each.

APPLICATION FOR PAYMENT:

The Contractor shall furnish with his/her final application for payment a complete release of final liens arising out of this contract, or receipts in full in lieu thereof and an affidavit that the releases and receipts cover all labor, including any subcontractors, and materials from any suppliers for which a lien could be filed.

WORKING HOURS:

The Contractor shall work between the hours of 7:00 a.m. to 5:00 p.m. Monday through Friday. If work must occur outside of these working hours, the Contractor must request written permission from the Superintendent of Parks before the work begins.

INSURANCE:

The successful contractor must provide the Park District with a certificate of general liability insurance in the amount of \$2,000,000 naming the Park District as additionally insured.

CONTRACT TERM:

This Agreement shall begin on **March 1, 2025**, and end on **July 1, 2025**.

II. GAZEBO CEMENT PAD & GAZEBO CONSTRUCTION

LOCATION OF WORK:

The location of work is in Freeport, Illinois at Park Hills Golf Course 3240 W. Stephenson St.



DESCRIPTION OF WORK:

Project area will include the 28' cement slab with 2x2x3' footers for pillars and conduit for any future electric installation. Construction of Gazebo to specifications provided by Poligon.

DEMOLITION AND REMOVAL:

- Park District staff will remove the existing structure and small cement slab.

CEMENT SLAB

- Pour cement slab 4" thick, with 4" of base rock/gravel with reinforced rebar
- Pour footers for pillars to Poligon specs that are provided.

GAZEBO CONSTRUCTION:

- Construct Poligon Gazebo to specification provided.
- Gazebo is a kit and has already been purchased.

II. GENERAL DETAILS

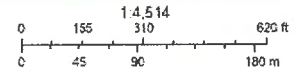
EXAMINATION OF SITE

Park Hills Golf Course Gazebo Construction Access



7/24/2024 1 06 56 PM

 New Gazebo Location



Esri Community, Map Contributors © OpenStreetMap Members, Esri
TomTom, Garmin, DeLorme, GeoTechnology, Inc., METRANZA, USGS

Mapbox; Esri Community, Map Contributors © OpenStreetMap Members, Esri TomTom, Garmin, DeLorme, GeoTechnology, Inc., METRANZA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS; ArcGIS Web AppBuilder

GENERAL DETAILS

Contractors shall inform themselves of all the conditions under which the work is to be performed concerning the site of the work, the obstacles that may be encountered, and all other relevant matters concerning the work to be performed under this contract. All necessary equipment to perform work shall be the contractor's responsibility.

The Contractor to whom a contract is awarded will not be allowed any extra compensation by reason of any such matters of things concerning which the Contractor did not inform himself prior to submitting a proposal. The successful Contractor must employ, so far as reasonably possible as determined by Freeport Park District, such methods and means in the carrying out of his/her work as will not cause any interruption or interference with any other park programs or activities.

DAMAGE TO PUBLIC OR PRIVATE PROPERTY

Any damage of public or private property caused by the Contractor's operations shall be resolved by the Contractor with the property owner within ten (10) days after damage occurs and shall be resolved to the satisfaction of Freeport Park District. The Contractor shall inform Freeport Park District of any damage caused by the Contractor's operation on the day such damage occurs. Should the damage not be rectified within the time frame agreed upon or to the satisfaction of Freeport Park District, Freeport Park District reserves the right to repair or replace that which was damaged or assess the Contractor such cost as may be reasonable and related to damages caused by the Contractor and deduct these costs from any payment due to the Contractor.

PROTECTION OF EXISTING FACILITIES

Existing facilities, including grounds, structures, landscaping and so forth shall be protected by the vendor. Any damage to existing facilities shall be reported to Freeport Park District and shall be repaired promptly by the vendor when ordered to do so by Freeport Park District at no cost to Freeport Park District. This includes ruts created by running equipment over lawn areas and damage to plants from work. All repairs of damage to existing facilities shall be made to the satisfaction of Freeport Park District. Failure to repair damage shall be just cause for withholding payment for work.

CONTRACTOR'S REPRESENTATIVE

Competent supervisory personnel who can communicate effectively with Park District staff shall always be present on the job. The supervisory personnel shall have full authority to act for the Contractor and receive and execute orders from the Superintendent of Parks and Natural Resources or appointed representative. The Contractor shall properly schedule and train all its personnel. It is required that the supervisor be on site to ensure all work has been completed in a satisfactory manner. Freeport Park District reserves the right to have the contractor assign a new contact person, supervisor, and/or staff for Freeport Park District's account if the current representative(s) are deemed unacceptable.

ACCESSIBILITY OF CONTRACTOR

The contractor shall supply cell phone numbers and daytime office numbers of supervisors handling this contract. The Contractor shall return all calls within one hour of Freeport Park District placing the call. On-site response time for complaints must be made within 24 hours of the initial call being made by Freeport Park District.

WORKERS

Workers must take care to ensure the least amount of disturbance to the sites, Park District staff members, and the public. The Contractor is reminded that its employees are to work in a courteous and respectful manner. Inappropriate behavior or examples of unproductive work effort will not be tolerated. Freeport Park District has the right to request that a contractor's employee be immediately removed from the work crew if the above behavior is exhibited.

SAFETY

The Contractor shall insure that all its employees or agents shall abide by all safety rules or regulations set by Freeport Park District as well as by general regulations and standards of the industry and in accordance with all applicable federal, state, and local regulations.

TRESPASS ON LAND

The Contractor shall confine his/her operations and storage of materials and equipment to the job site park. The Contractor shall exercise extreme caution so as not to trespass upon the property of third parties not involved in the contract. If the Contractor is to enter upon the property of third parties in the execution of the work, he shall obtain written permission prior to doing so and submit evidence of said written permission to Freeport Park District.

WORKING HOURS

The Contractor shall work between the hours of 7:00 a.m. to 5:00 p.m. Monday through Friday. If work must occur outside of these working hours, the Contractor must request written permission from the Superintendent of Parks before the work begins.

SUBLETTING CONTRACT

It is mutually understood and agreed that the Contractor shall not assign, transfer, convey, sublet, or otherwise dispose of this contract or his/her right, title, or interest therein, or his/her power to execute such contract, to any other person, firm, or corporation, without the previous written consent of an authorized representative of Freeport Park District; but in no case shall consent relieve the Contractor from his/her obligations or change the terms of the contract.

DEFAULT

The contract may be canceled or annulled by Freeport Park District in whole or in part by written notice of default to the Contractor upon nonperformance or violation of contract terms. Failure of the Contractor to deliver services within the time stipulated, unless extended in writing by Freeport Park District, shall constitute contract default.

COSTS

The undersigned hereby affirms and states that the prices quoted herein constitute the total cost to Freeport Park District for all materials and work involved in the respective items.

FINAL INSPECTION

Upon notice of completion by the Contractor, the project will receive a final inspection by the Superintendent of Parks and Natural Resources. Any items from this inspection needing attention will be given to the Contractor in the form of a punch list. All items on the punch list must be finished to the satisfaction of the Park District before final payment will be issued.

PROPOSAL

Prices shall include all materials, labor, and equipment needed for work as specified in sections I, II, and III of these documents.

Company Information

Company Name: _____

Address: _____

Telephone Number: _____

Email: _____

Contact Name: _____

Contact Title: _____

Signature: _____ Date: _____

Lump Sum for Gazebo Construction and Cement Pad

Total Cost: \$ _____

The Freeport Park District is tax exempt, identification number E9993-1389-07

REFERENCES

The Contractor must list at least four (4) references. Each listing should include the firm name, address, telephone number and contact person, for whom the Contractor has supplied services similar in scope to those provided in these specifications.

Name: _____

Address: _____

Phone # / Fax #: _____

Contact Person: _____

Dates of Service (from – to): _____

Name: _____

Address: _____

Phone # / Fax #: _____

Contact Person: _____

Dates of Service (from – to): _____

Name: _____

Address: _____

Phone # / Fax #: _____

Contact Person: _____

Dates of Service (from – to): _____

Name: _____

Address: _____

Phone # / Fax #: _____

Contact Person: _____

Dates of Service (from – to): _____

Park Hills Golf Course Gazebo Construction Access



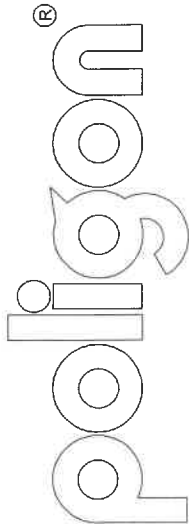
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 **New Gazebo Location**

1,451.4
0 155 310 620 ft

0 45 90 180 m
Esri Community Maps Contributors, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SateliteGraph, GeoTechnologies, Inc., METN/ASA, USGS, ArcGIS, Web AppBuilder

Microsoft, Esri, TomTom, Garmin, SateliteGraph, GeoTechnologies, Inc., METN/ASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, |



A Division of PORTER CORP 4240 N. 138th AVE HOLLAND, MI 49424 (616) 888-3500

PROJECT NAME: FREEPORT GOLF COURSE

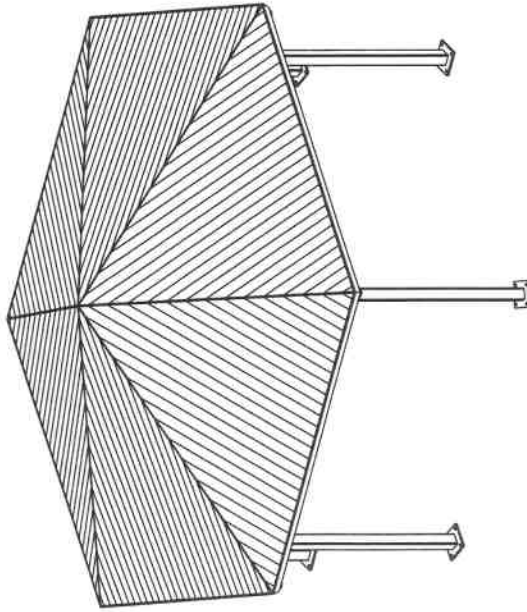
PROJECT LOCATION: CAROL STREAM, IL

BUILDING TYPE: HXE 24

ROOF TYPE: ASPHALT SHINGLES OVER T & G

BUILDING NUMBER: P20589

ORDER NUMBER: 81091



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	ELECTRICAL VIEWS
6-6.1	ROOF LAYOUT
7-7.1	ROOF CONNECTION DETAILS

MANUFACTURER NOTES:

- DESCRIPTION: ASTM DESIGNATION
- TUBE STEEL: A500 (GRADE C)
- SCHEDULE PIPE: A53 (GRADE B)
- ROOF PIPE: A519
- PIPE W/ CE COLD FORMED: A36
- 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 BE ATTACHED TO THIS STRUCTURE. ALL OTHERS ARE TO BE CONTRACTED BY ANYTHING ELSE IS TO BE CONTRACTED TO THE STRUCTURE. COLUMN CAPS ARE TO BE CONTRACTED BY THE STRUCTURE. THE DESIGN OF THIS STRUCTURE CAN BE REVIEWED AND POSSIBLY REVISED. THE ENGINEERING SEAL FOR THE STRUCTURE DETAILED IN THESE DRAWINGS IS ONLY VALID IF PORTER CORP DESIGNS AND FABRICATES THE STEEL COMPONENTS. FABRICATING THE STEEL COMPONENTS ELSEWHERE Voids THE ENGINEERING PROVIDED BY PORTER CORP.
- SEPARATION BETWEEN THE STRUCTURE AND THE STRUCTURE SHALL BE EQUAL TO OR GREATER THAN THE EAVE HEIGHT OF THIS STRUCTURE (SEE SNOW DESIGN DATA). IF THAT SEPARATION DOES NOT EXIST AND THE GROUND SNOW LOAD (PSF) IS GREATER THAN 0 PSF, POLYGON 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 AMERICAN WELDING SOCIETY (AWS) CERTIFIED MANUAL REFERENCED IN THE GOVERNING BUILDING CODE.
- ALL WELDING IS PERFORMED BY AMERICAN WELDING SOCIETY (AWS) CERTIFIED WELDERS AND CONFORMS TO AWS D1.1 OR D1.3 AS REQUIRED.
- PARTS SHOWN MAY BE UPGRADED DUE TO STANDARDIZED FABRICATION. REFER TO THE DRAWINGS FOR POSSIBLE SUBSTITUTIONS.
- THE STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE FOLLOWING FOR PROPER FIELD INSTALLATION INSTRUCTIONS INCLUDED WITH THE STEEL: BRACING, SHORING, LAYDOWN AND PROTECTION OF CONSTRUCTION MATERIALS, ETC.
- FOR PROPER FIELD INSTALLATION OF THE BUILDING IT IS RECOMMENDED THAT THE DOCUMENTED EXPERIENCE INSTALLING THIS TYPE OF PRODUCT.
- THE DRAWINGS REPRESENT THE FINISHED STRUCTURE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE STRUCTURE DURING CONSTRUCTION MEANS, TECHNIQUES, SEQUENCES AND PROCEDURES INCLUDING BRACING, SHORING, LAYDOWN AND PROTECTION OF CONSTRUCTION MATERIALS, ETC. TEMPORARY SHORING AND BRACING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- FOR PROPER FIELD INSTALLATION OF THE BUILDING IT IS RECOMMENDED THAT ELECTRIC BUILDING IS ERECTED.
- MAKING HOLES, CUTS OR MODIFICATIONS TO THE STRUCTURAL STEEL MEMBERS IS NOT PERMITTED IN THE FIELD WITHOUT SPECIFIC APPROVAL OF POLYGON.

CERTIFICATES:

- MAHARISHI COUNTY CERTIFICATE OF COMPLIENCY NO. 24-0903.04
- PCI (POWDER COATING INSTITUTE) 4000 CERTIFIED
- FABRICATOR APPROVALS:
- CITY OF PHOENIX, AZ APPROVED FABRICATOR #C08-2010
- CITY OF LOS ANGELES, CA APPROVED FABRICATOR #R01596
- CITY OF RIVERSIDE, CA APPROVED FABRICATOR #SF-1000042
- CITY OF SAN ANTONIO, TX APPROVED FABRICATOR #2470
- CLARK COUNTY, NV APPROVED FABRICATOR #244
- STATE OF UTAH APPROVED FABRICATOR 02008-14
- AISC APPROVED FABRICATOR C-00024530
- AISC CERTIFIED WELDING FABRICATOR #240707F



DESIGN CRITERIA:

- GENERAL: 2018 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 (PSF): 25 PSF UNIFORM SNOW LOAD (PSF): 1.0 SNOW EXPOSURE FACTOR (Ce): 1.0 SNOW LOAD IMPORTANCE FACTOR (Is): 1.0 THERMAL FACTOR (CT): 1.2 ROOF SLOPE FACTOR (Cs): 1.0 DRIFT SURCHARGE LOAD (Pd): 0 PSF WIND EXPOSURE CATEGORY: C MINIMUM HORIZONTAL SEPARATION DISTANCE (S): 20 FT
- WIND DESIGN DATA: BASIC WIND SPEED (V): 115 MPH ALLOWED WIND STRESS DESIGN WIND SPEED (Vesd): 89 MPH GUST EFFECT FACTOR (G): 0.95 INTERNAL PRESSURE COEFFICIENT (GCp1): 0 WIND EXPOSURE: C
- SEISMIC DESIGN DATA: SEISMIC RESISTANCE: SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE SEISMIC IMPORTANCE FACTOR (Ie): 1.0 SEISMIC DESIGN CATEGORY: B SEISMIC SITE CLASS: D DEFAULT SHORT SPECTRAL RESPONSE (Si): 0.32 DESIGN SPECTRAL RESPONSE (SD): 0.08 DESIGN SPECTRAL RESPONSE (SD1): 0.08 DESIGN SPECTRAL RESPONSE (SD2): 0.13 SEISMIC RESPONSE COEFFICIENT (Ca): 0.11 RESPONSE MODIFICATION COEFFICIENT (R): 3.00 EQUIVALENT LATERAL FORCE PROCEDURE SEE CALCULATIONS FOR ADDITIONAL DATA
- ADDITIONAL CRITERIA: - COLUMN WRAP DESIGN AND MATERIALS NOT BY POLYGON - COLUMN WRAPS ASSUMED TO BE INDEPENDENT OF STEEL FRAME - COLUMN WRAPS ASSUMED TO HAVE A DEAD WEIGHT OF 1307 LBS - FOUNDATION DESIGN ACCOUNTS FOR DEAD LOAD OF COLUMN WRAPS - MAX LATERAL SERVICE LOAD DEFLECTION IN STEEL COLUMNS IS 0.1" AT 3.0'

PROJECT: FREEPORT GOLF COURSE	CREATION DATE: 11/15/2025	DRAWN BY: gms/cst/cst	PRINT DATE: 1/15/2025
PROJECT LOCATION: CAROL STREAM, IL	ORDER NO: 81091	REV LEVEL: A	SCALE: 1:50
DEWNING: COVER SHEET	CAD MODEL: ~P20589	WWW.POLYGON.COM	

IF THESE DRAWINGS ARE USED IN THE FIELD, THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS AND SHALL BE RESPONSIBLE FOR ANY MODIFICATIONS TO THESE DRAWINGS AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE FOUNDATION DESIGN, IF APPLICABLE.



1
SHEET

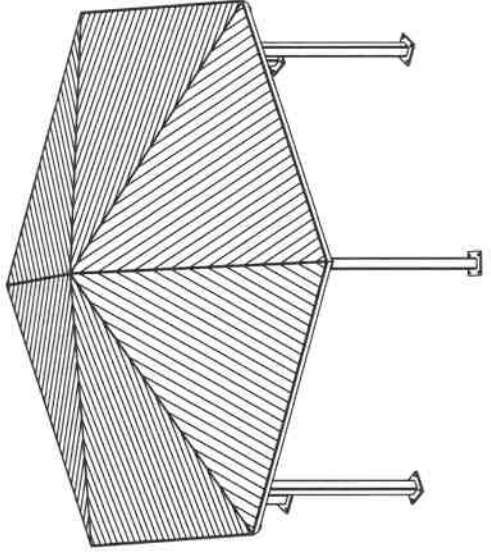
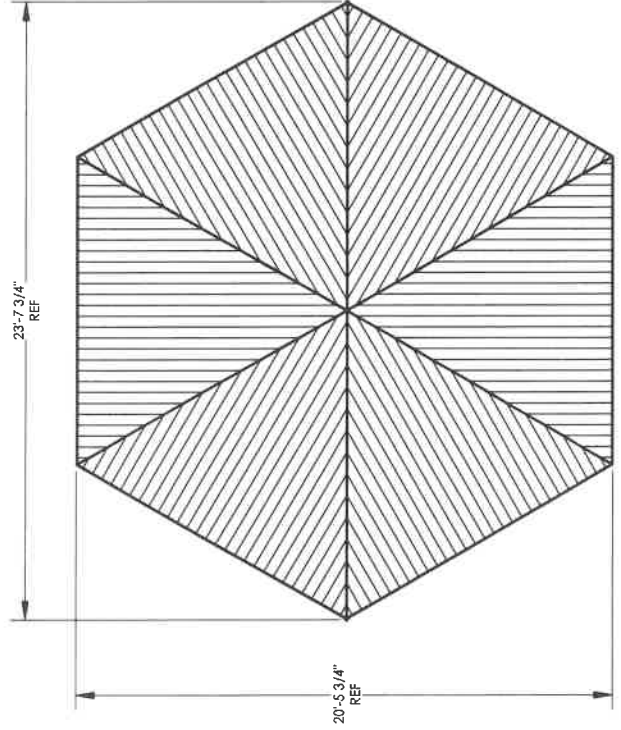
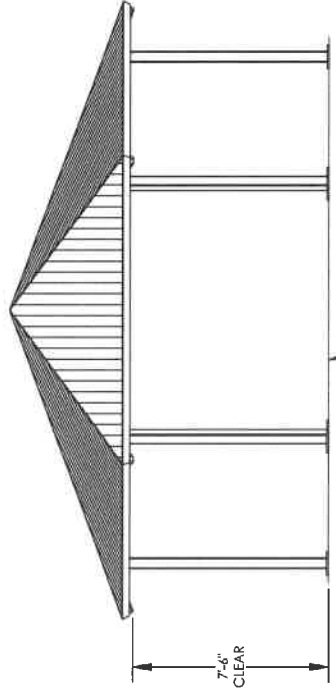
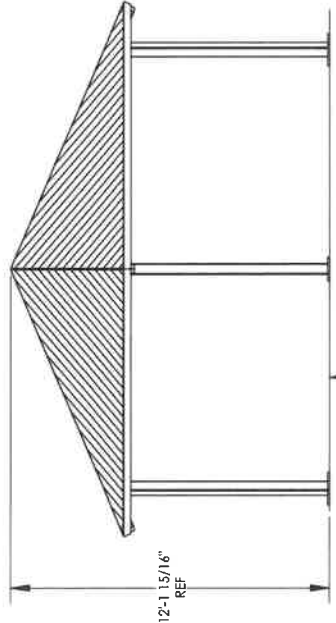
PROJECT: FREEPORT GOLF COURSE
PROJECT LOCATION: CAROL STREAM, IL
DRAWING: ARCHITECTURAL ELEVATIONS

CREATION DATE: 11/15/2016
ORDER NO: 81091
CAD MODEL: ~P20589

RAWN BY: gmslscs.casile
EVLV: A
SCALE: 1:55

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POLYGON
FIELD SUPPORT: (616) 888-3584
MAIN: (616) 888-3500
BY PORTER CORP

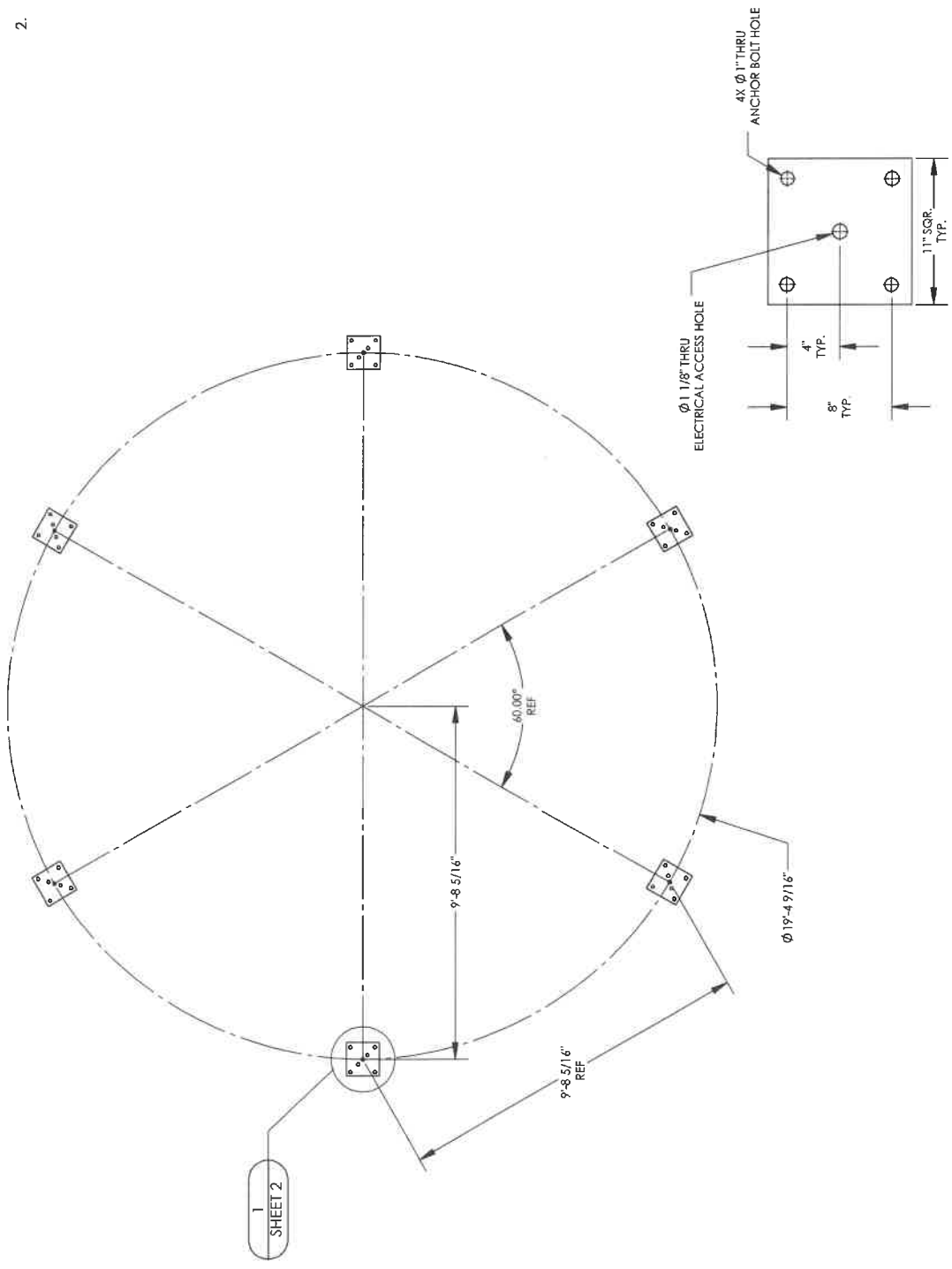
IF THESE DRAWINGS ARE USED FOR ANY OTHER PROJECT, THE USER ASSUMES ALL LIABILITY FOR ANY AND ALL DAMAGES AND SUPPLIES BY PORTER CORP AS WELL AS THE FOUNDATION DESIGN, IF APPLICABLE.



IF THESE DRAWINGS ARE SEENED, THE SEAL APPLIES ONLY TO THE PRINTED COMPONENTS DETAINED WITHIN THESE DRAWINGS AND SUPPLIED BY PORTER CORP AS WELL AS THE FOUNDATION DESIGN, IF APPLICABLE.

ANCHOR AND FOOTING LAYOUT NOTES:

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



- 1 ANCHOR BOLT PATTERN
- 2 BASE PLATE THICKNESS: 3/4"

1 SHEET 2

ANCHOR BOLT NOTES - EXTERNAL ANCHOR BOLTS LOCATED OUTSIDE COLUMN:

- ANCHOR RODS TO BE ASTM F1554 GRADE 55 TYPE S1 WITH "UNC" CLASS 2A THREADS, HEAVY HEX NUTS AND STANDARD CUT WASHERS, 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 HOLES ALWAYS LOCATED IN THE COLUMN BASE PLATE AS SHOWN. TEMPLATE MUST BE REMOVED BEFORE INSTALLING COLUMNS.
- 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.
- THE FOLLOWING ADHESIVE ANCHORS MAY BE SUBSTITUTED FOR THE CAST-IN-PLACE ANCHOR BOLTS:
 -HILTI HIT-HY 200 (A OR R) V3 ADHESIVE WITH $\phi 3/4"$ HAS-E ROD WITH 11" EFFECTIVE EMBEDMENT.
 CONTRACTOR SHALL FOLLOW ALL INSTALLATION SPECIFICATIONS AND REQUIREMENTS OF ANCHOR MANUFACTURER.

CONCRETE NOTES:

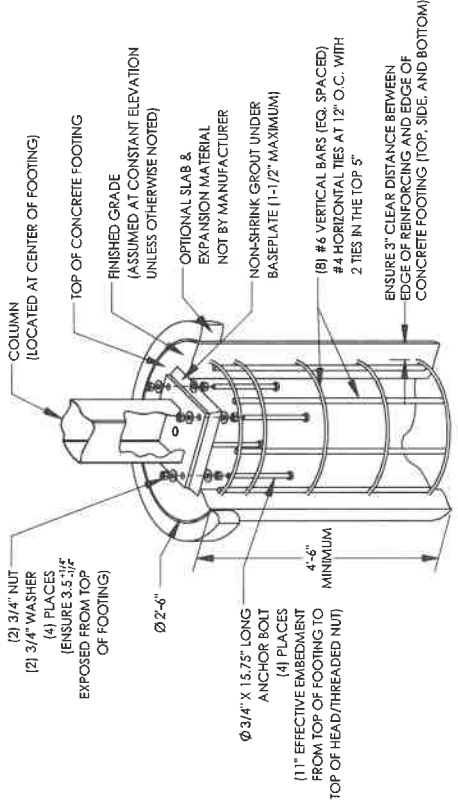
- ALL CONCRETE CONSTRUCTION SHALL CONFORM TO THE CURRENT "ACI MANUAL OF CONCRETE PRACTICE".
- PORTLAND CEMENT SHALL CONFORM TO ASTM C-150 TYPE II OR TYPE V.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE CONCRETE MIX DESIGN MEETS THE "ACI MANUAL OF CONCRETE PRACTICE" REQUIREMENTS FOR CONCRETE BY EXPOSURE CLASS.
- THE USE OF CHLORIDE ACCELERATORS IS NOT PERMITTED.
- COARSE AGGREGATE SHALL BE #57 OR LARGER.
- CONCRETE AT PLACEMENT SHALL HAVE A SLUMP OF $4" \pm 1"$.
- MINIMUM CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS: 4500 PSI.
- REINFORCING STEEL SHALL BE DEFORMED STEEL CONFORMING TO THE REQUIREMENTS OF ASTM A 615 (DEFORMATIONS SHALL BE IN ACCORDANCE WITH ASTM A 305) AS FOLLOWS:
 GRADE 40: #4 BARS AND LARGER
 GRADE 60: #3 BARS
- PRIOR TO PLACING OF CONCRETE, REINFORCING STEEL AND EMBEDDED ITEMS SHALL BE WELL SECURED IN POSITION.
- MAINTAIN 3" CONCRETE COVERAGE TO FACE OF BARS UNLESS OTHERWISE NOTED.
- BARS SHALL BE CLEAN OF RUST, GREASE OR OTHER MATERIAL LIKELY TO IMPAIR BOND. BENDS SHALL BE MADE COLD.
- WELDING OF REINFORCEMENT IS NOT ALLOWED.
- ALL EXPOSED EXTERNAL CORNER OF FOUNDATIONS TO BE CHAMFERED BY $3/4"$ BY 45 DEGREES UNLESS NOTED OTHERWISE.
- ALL NEW CONCRETE SHALL BE CURED IMMEDIATELY AFTER FINISHING OF REMOVING FORMWORK. CURING SHALL BE EITHER A MOIST CURE METHOD OR THE USE OF A CURING COMPOUND.

FOUNDATION NOTES:

- FOUNDATIONS SHALL BEAR ON COMPACT, UNDISTURBED SOIL OR 95% COMPACTED FILL.
 IF SIGNS OF ORGANIC MATERIAL, UNCONTROLLED FILL, CLAY OR SILT, HIGH WATER TABLE OR OTHER POSSIBLE DERIMENTAL CONDITIONS ARE FOUND, CONSTRUCTION OF THE FOUNDATIONS MUST BE STOPPED AND A GEOTECHNICAL ENGINEER BE CONTACTED.
- NO FOUNDATIONS SHALL BE PLACED INTO OR ADJACENT TO SUBGRADE CONTAINING WATER, ICE, FROST, ORGANIC OR LOOSE MATERIAL.
- WATER SHALL NOT BE PERMITTED TO ACCUMULATE IN FOUNDATION EXCAVATIONS.
 IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCAL FROST DEPTH REQUIREMENT PRIOR TO CONSTRUCTION.
- IF FOUNDATIONS SHOWN DO NOT MEET LOCAL FROST DEPTH REQUIREMENTS, EXTEND THE DRILLED PIER FOUNDATION AS REQUIRED, EXTENDING THE VERTICAL BARS AND PROVIDING ADDITIONAL TIES TO MEET SPACING REQUIREMENTS AS SHOWN. IF FROST DEPTH REQUIREMENTS ARE NOT MET, AND NO DRILLED PIER DESIGN IS PROVIDED, CONTACT POLYGON.
- ALLOWABLE SOIL PRESSURES (AS APPLICABLE):

DRILLED PIER	1500 PSF
VERTICAL BEARING	100 PSF/FT
LATERAL BEARING	100 PSF/FT

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 3 SOIL). THE BUILDING OFFICIAL IN THE JURISDICTION IN WHICH THIS STRUCTURE IS LOCATED MAY REQUIRE A SITE SPECIFIC GEOTECHNICAL REPORT OR LETTER OF COMMENTARY FROM A REGISTERED PROFESSIONAL ENGINEER ATTESTING TO WHETHER THE ACTUAL SITE CONDITIONS MEET THE ASSUMPTIONS, LIMITATIONS AND NOTES ABOVE.



PIER FOOTING OPTION (EXTERNAL ANCHOR BOLTS)

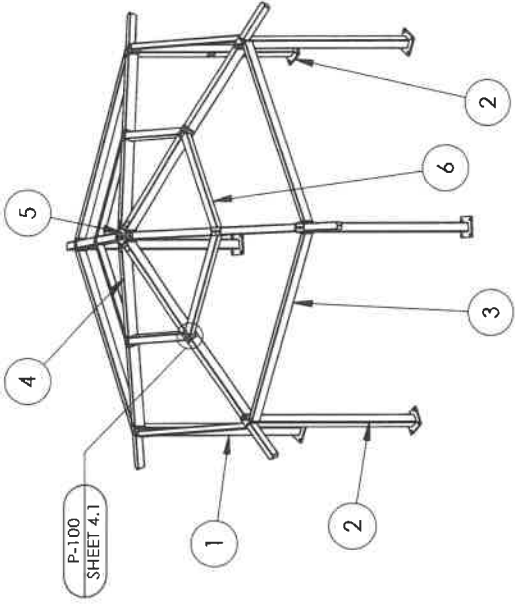
FOOTING DESIGN BY MANUFACTURER. FOOTING MATERIALS BY OTHERS.
 (TYPICAL WITH EACH COLUMN, QTY OF REINFORCING AND ANCHOR BOLTS SPECIFIED IN NOTES REFLECT SITE SPECIFIC REQUIREMENTS)

IF THESE DRAWINGS ARE SEALED, THE SEAL APPLIES ONLY TO BUILDING PORTER CORP AS WELL AS THE FOUNDATION DESIGN, IF APPLICABLE.

PROJECT:	FREEPORT GOLF COURSE	CREATION DATE:	11/15/2016	RAWN BY:	QDQSTJLCA.ccs@lle	PRINT DATE:	1/15/2025
PROJECT LOCATION:	CAROL STREAM, IL	ORDER NO.:	81091	ELEV.:	A	SCALE:	1:64
DRAWING:	STRUCTURAL FRAMING PLAN	CAD MODEL:	-P20589				

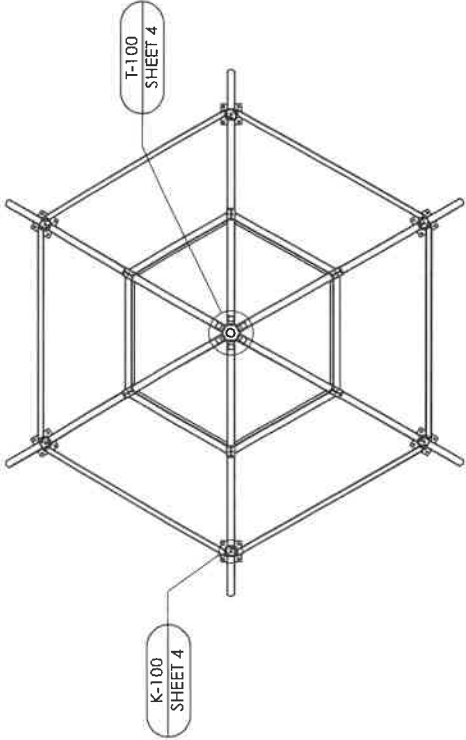
By PORTER CORP
 www.porter.com
 MAIN: (616) 888-5500
 FIELD SUPPORT: (616) 888-5544

IF THESE DRAWINGS ARE SEALED, THE SEAL APPLIES ONLY TO BUILDING COMPONENTS DETAILED WITHIN THESE DRAWINGS AND IS APPLIED BY PORTER CORP AS WELL AS THE FOUNDATION DESIGN, IF APPLICABLE.

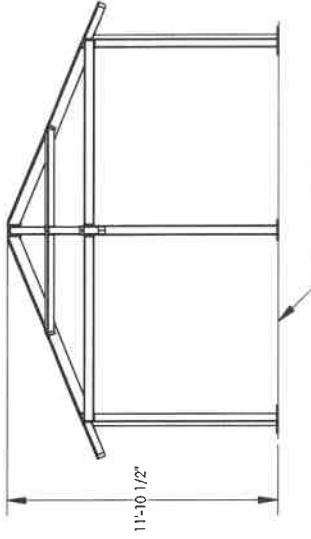


P-100 SHEET 4.1

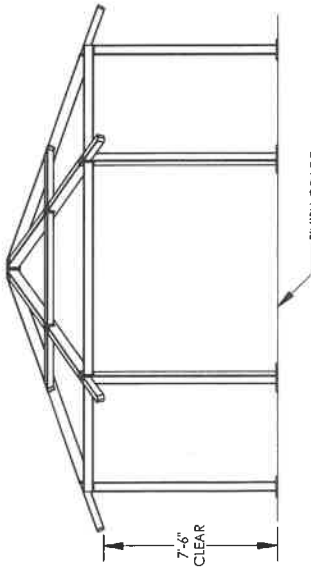
T-100 SHEET 4



K-100 SHEET 4



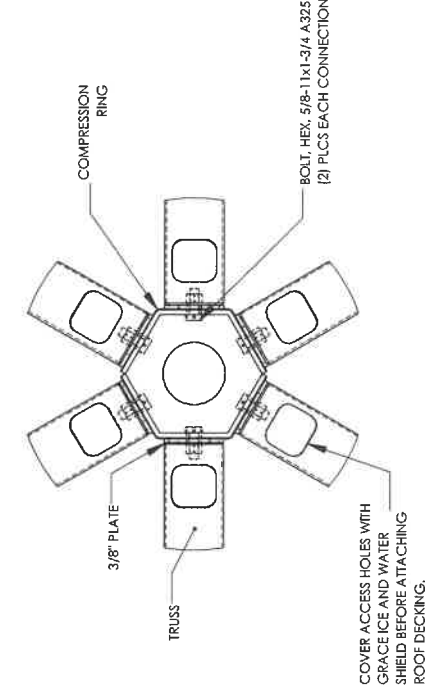
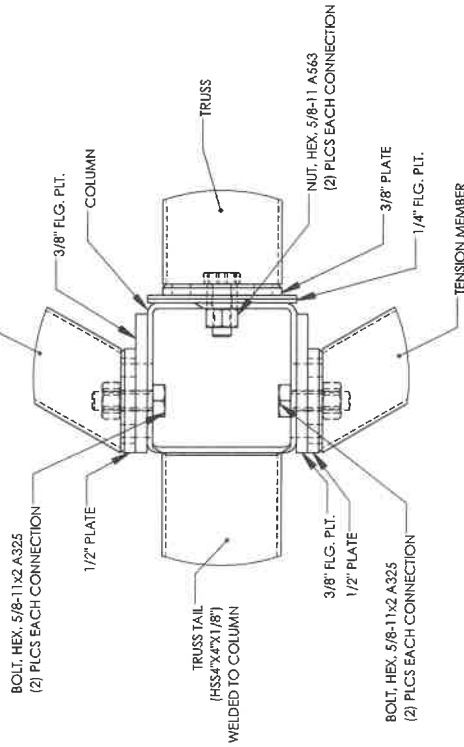
FINISH GRADE
 (ASSUMED AT CONSTANT
 ELEVATION UNLESS
 OTHERWISE NOTED)



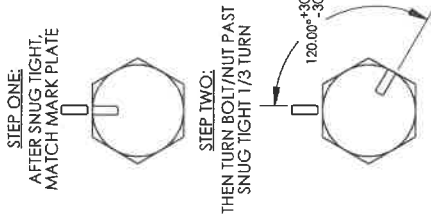
FINISH GRADE
 (ASSUMED AT CONSTANT
 ELEVATION UNLESS
 OTHERWISE NOTED)

ITEM	QTY.	PART NO.	DESCRIPTION	MATERIAL SIZE	WEIGHT
6	6	1M1587946	PURLIN A ASM	HSS4\"X4\"X1/8"	33.64
5	1	1M1587929	HEX C-RING ASM	3/8" PLATE	29.12
4	6	1M1587923	TRUSS ASM	HSS6\"X4\"X1/8"	82.55
3	6	1M1587942	T-MEM ASM	HSS5\"X3\"X1/8"	63.51
2	2	1M1587940	COLUMN 2 ASM	HSS5\"X5\"X3/16"	142.70
1	4	1M1587933	COLUMN 1 ASM	HSS5\"X5\"X3/16"	143.20

NOTE:
SEE UC-100 FOR U-CLIP INSTALLATION



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.



PART NUMBER	DESCRIPTION	HARDWARE/QTY.
1P2022	NUT, HEX, 5/8-11 A563	12
1P1917	BOLT, HEX, 5/8-11x1-3/4 A325	6
1P1914	BOLT, HEX, 5/8-11x2 A325	6
1P3550	WAX STICK	1
	TEST HARDWARE BILL OF MATERIAL	
1P2905FNUL	PAINT SCREW, TEK/5.12-24X1-1/2	250
1M1593537	U-CLIP [UC-53F14] @ 9'-1"	6
1K1001	12X12 GRACE	6
1K1002	COLUMN COVER STRAP	2
1P3089	COLUMN COVER PLATE SCREW	2
1M1042647	ELEC COVER PLT	2
1P3550	WAX STICK	1
1P2201FNUL	STANDARD TOUCHUP PAINT	1
1P3234	POLIGON NAMEPLATE	1
1P3235	INSTALLATION DETAILS	1
1P2022	NUT, HEX, 5/8-11 A563	14
1P1917	BOLT, HEX, 5/8-11x1-3/4 A325	14
1P1914	BOLT, HEX, 5/8-11x2 A325	26
	TEST HARDWARE BILL OF MATERIAL	
	DESCRIPTION	HARDWARE/QTY.

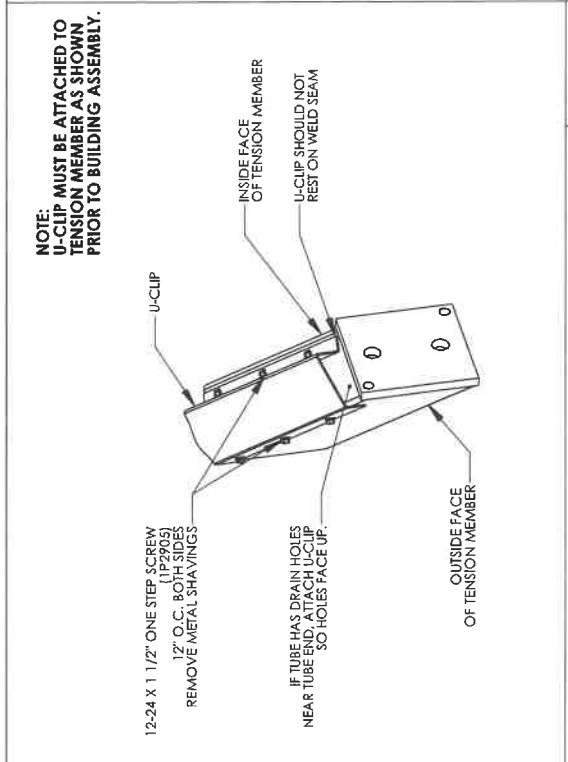
COLUMN CONNECTIONS	K-100	COMPRESSION MEMBER CONNECTION	T-100

CONNECTION NOTES:

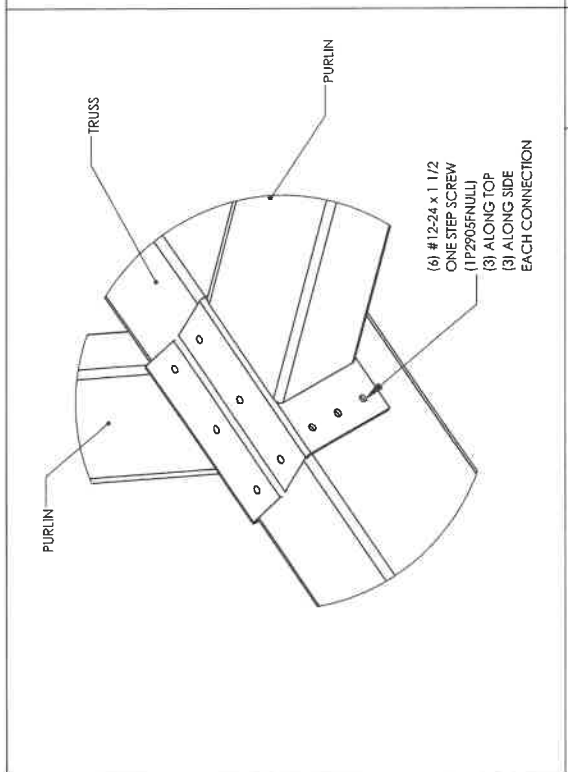
- HIGH STRENGTH BOLTS SHALL BE ASTM F3125 (A325, TYPE 1) MATERIAL.
- HIGH STRENGTH NUTS SHALL BE ASTM A563 (GRADE DHT) MATERIAL.
- HIGH STRENGTH WASHERS SHALL CONFORM TO ASTM F436.
- UNLESS A SNUG-TIGHT JOINT IS PERMITTED IN THE CONNECTION DETAIL, ALL BOLTS ARE TO BE INSTALLED BY ONE OF THE FOLLOWING PRETENSIONING METHODS AS SPECIFIED IN THE AISC "SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS", SECTION B:
 - TURN-OF-NUT PRETENSIONING
 - CALIBRATED WRENCH PRETENSIONING
- THE SNUG-TIGHT CONDITION IS THE TIGHTNESS THAT IS ATTAINED WITH A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF AN IRONWORKER USING AN ORDINARY SPUD WRENCH TO BRING THE CONNECTED PILES INTO FIRM CONTACT.
- ANCHOR BOLTS NEED NOT BE TIGHTENED PAST SNUG-TIGHT.
- WHEN INSTALLING BOLTS REFER TO SECTIONS B.4.1, B.4.2, AND B.4.3 OF THE "SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS" 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 AS SHOWN IN FRAMING PLAN.
- TEMPORARY SHORING OR BRACING SHALL BE USED TO COMPACT THE JOINTS UNTIL THE CONNECTED PILES ARE IN FIRM CONTACT PRIOR TO PRETENSIONING.
- PRIOR TO THE ERECTION OF SHELTER COMPONENTS, IT IS RECOMMENDED TO CHASE 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 SHAVING ARE TRAPPED BETWEEN MATING SURFACES. TOUCHUP PAINT MUST BE APPLIED TO ALL EXPOSED FASTENERS. PERIODIC TOUCHUP AT THESE CONNECTIONS IS REQUIRED.

IF THESE DRAWINGS ARE REPRODUCED, THE SEAL APPLIES ONLY TO BUILDING PORTER CORP AS WELL AS THE FOUNDATION DESIGN, IF APPLICABLE.

IF THESE DRAWINGS ARE READ IN THE FIELD, REFER ONLY TO THE ORIGINAL COMPONENTS DETAIL WITHIN THESE DRAWINGS AND SUPPLIED BY PORTER CORP AS WELL AS THE FOUNDATION DESIGN, IF APPLICABLE.



U-CLIP CONNECTION UC-100



PURLIN CONNECTION P-100

5

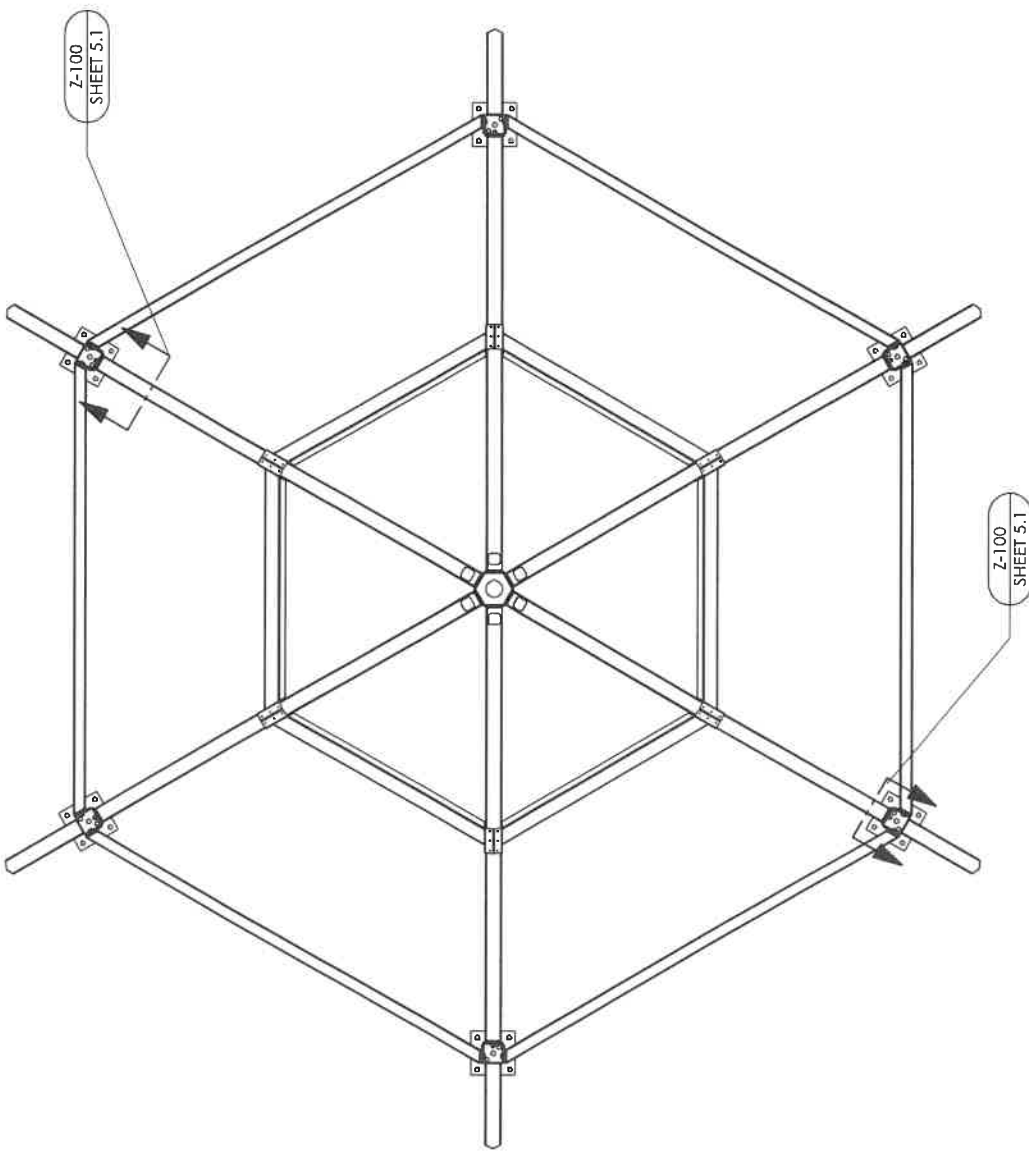
SHEET

PROJECT: FREEPORT GOLF COURSE
PROJECT LOCATION: CAROL STREAM, IL
DRAWING: ELECTRICAL VIEWS

CREATION DATE: 11/15/2016
ORDER NO: 81091
CAD MODEL: ~P20589

RAWN BY: gms@stc.com
REV LEVEL: A
SCALE: 1:30
PRINT DATE: 1/15/2025

WWW.POLYGON.COM
MAIN: (616) 888-3500
FIELD SUPPORT: (616) 888-3504
By PORTER CORP

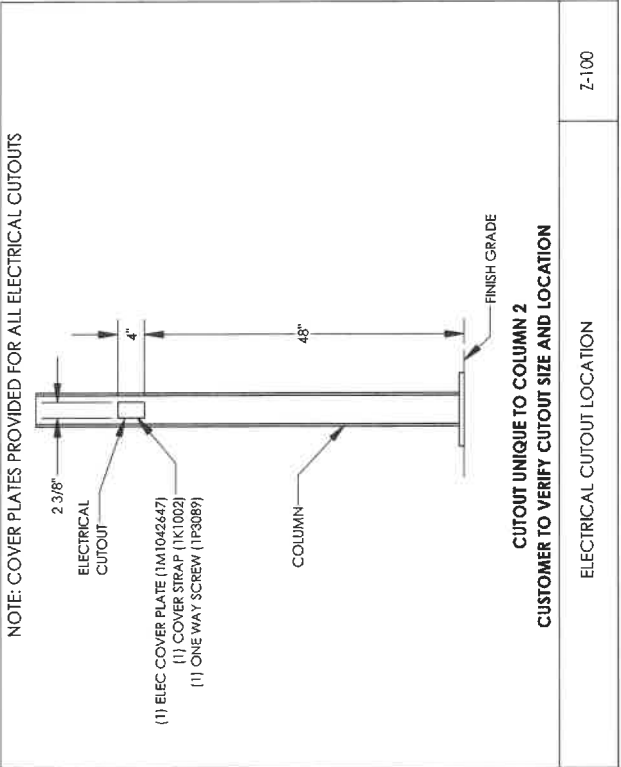


IF THESE DRAWINGS ARE USED, THE USER ACCEPTS ALL LIABILITY AND ASSUMES ALL RISK. THESE DRAWINGS AND SUPPLIES BY PORTER CORP AS WELL AS THE FOUNDATION DESIGN, IF APPLICABLE.

PROJECT:	FREEPORT GOLF COURSE
PROJECT LOCATION:	CAROL STREAM, IL
DRAWING:	ELECTRICAL VIEWS
CREATION DATE:	11/15/2016
ORDER NO.:	81091
CAD MODEL:	-P20589
SCALE:	1:4
REVISION:	A
DATE:	1/15/2025

SHEET
5.1

IF THESE DRAWINGS ARE SEEN IN THE FIELD, THEY ARE NOT TO BE USED FOR CONSTRUCTION. THESE DRAWINGS AND SPECIFICATIONS ARE VALID WITHIN THE TERRITORIES AND STATES WHERE PORTER CORP IS LICENSED. THESE DRAWINGS AND SPECIFICATIONS ARE NOT TO BE USED FOR FOUNDATION DESIGN, IF APPLICABLE.



9

SHEET

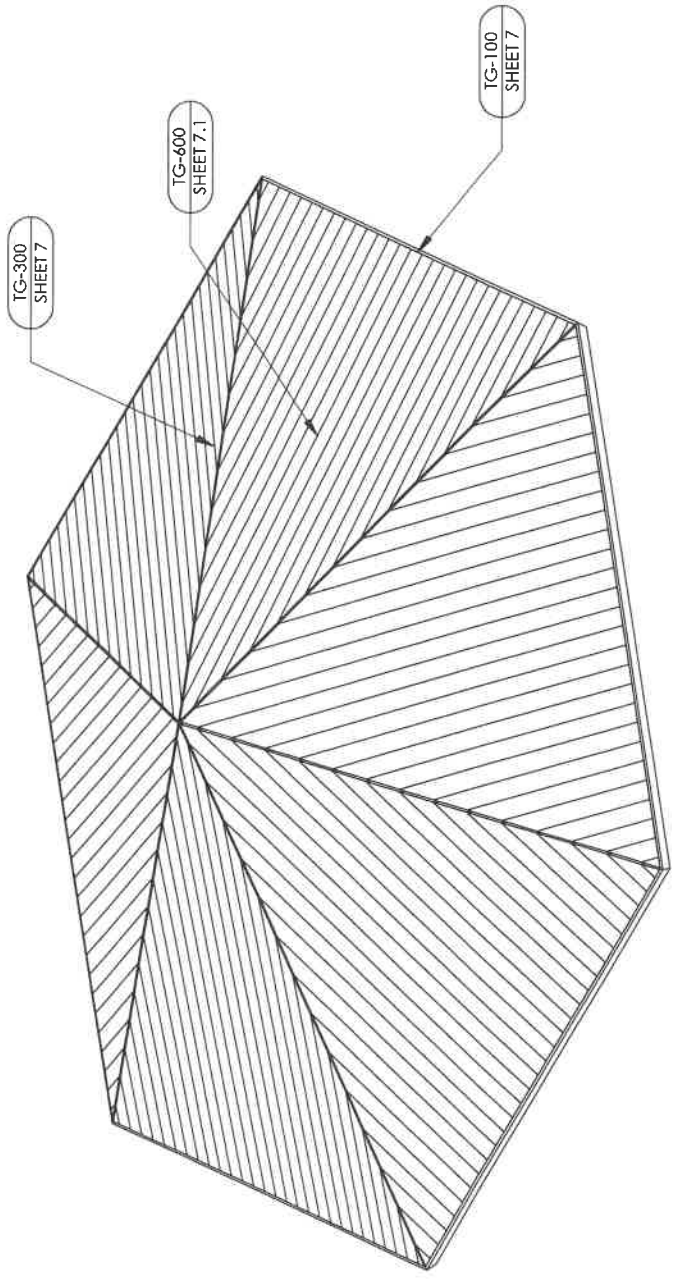
PROJECT: FREERPORT GOLF COURSE
PROJECT LOCATION: CAROL STREAM, IL
DRAWING: ROOF OVERVIEW

CREATION DATE: 11/15/2016
ORDER NO.: 81091
CAD MODEL: -P20589

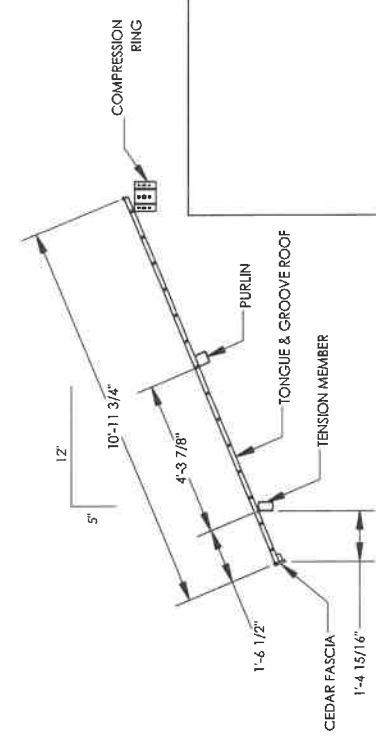
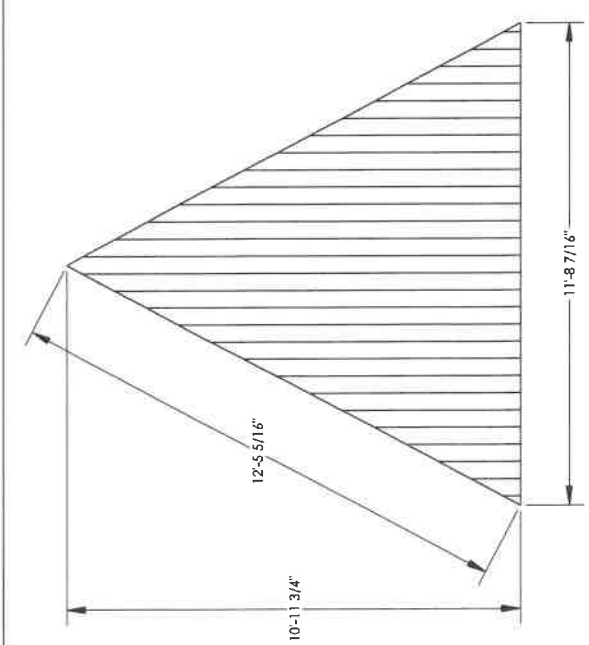
RAWN BY: GROSSI, CASHIE
REV LEVEL: A
SCALE: 1:30
PRINT DATE: 1/15/2025

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FIELD SUPPORT: (616) 888-3504
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IF THESE DRAWINGS ARE USED FOR ANY OTHER PROJECT, THE USER ASSUMES ALL LIABILITY FOR ANY AND ALL DAMAGES, INCLUDING REASONABLE ATTORNEY'S FEES AND COSTS, ARISING FROM SUCH USE. THIS DISCLAIMER APPLIES TO ALL DRAWINGS AND DOCUMENTS PREPARED BY PORTER CORP AS WELL AS THE FOUNDATION DESIGN, IF APPLICABLE.



- TONGUE & GROOVE NOTES:**
1. THE FIRST PLANK SHOULD BE INSTALLED PLUMB, STRAIGHT, AND ACCURATELY TO THE ADJACENT WORK. MAKE SURE PLANKS EXTEND ENOUGH TO COVER EAVE, TRUSSES, AND/OR THE CENTER OF THE PEAK.
 2. THE T&G PROVIDED MAY CONTAIN SOME MINOR IMPERFECTIONS. REMOVE THESE IMPERFECTIONS AS REQUIRED AND USE REMAINDER OF MATERIAL TO ATTAIN MAXIMUM YIELD.
 3. NO END JOINTS IN DECKING BETWEEN STRUCTURAL FRAMING AND EAVE OF DECKING.
 4. A MINIMUM OF 24" SPACING IS REQUIRED BETWEEN ALL ADJACENT END JOINTS. BOARD LAYOUT MAY REQUIRE VISIBLE SPLICES.
 5. IF PRE-STAINED T&G IS ORDERED, TOUCH-UP AT FIELD CUT EDGES MAY BE NECESSARY.
 6. POLYGON RECOMMENDS ALL T&G BE STAINED/SEALED TO IMPROVE LONG TERM PERFORMANCE.

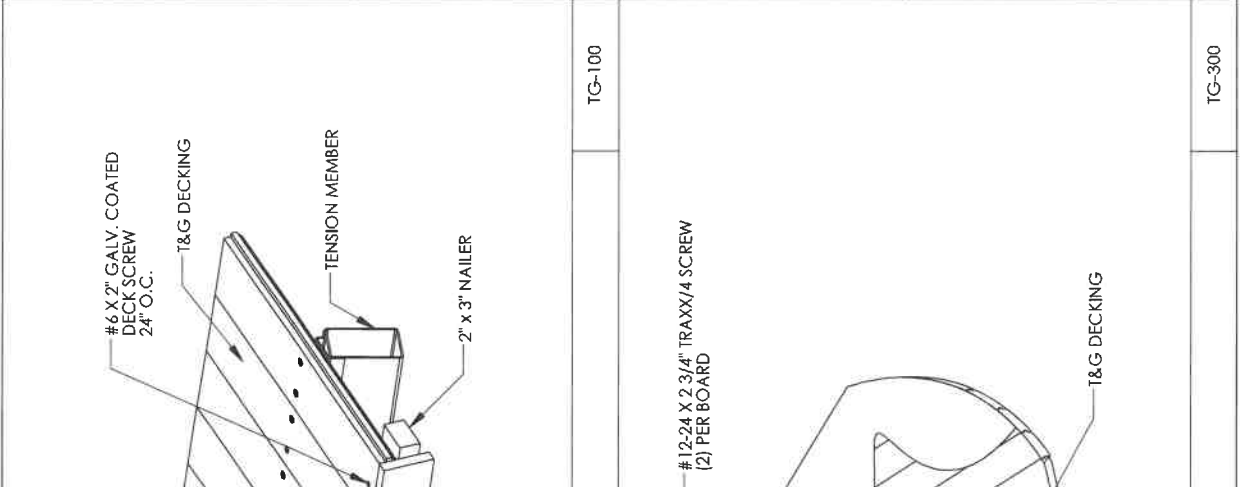


PART NUMBER	DESCRIPTION	HARDWARE/QTY.
1P1643SB	SHADOW BROWN SHINGLES	4
1P1645SB.1	SHADOW BROWN HIP SHINGLES	3
1p3146.1	DRIP EDGE, 1" T DRIPx10', BROWN	9
1P3145	30# FELT (200 SQ FT)	2
1P1792SYP	REVERSIBLE, SYP, T&G, 2X6X12, #1	96
1P3088	2" DECK SCREW	100
1P3039	2-3/4" TRAXX SCREW	900
1P1788WNULL	2 x 3 NAILER (10' LENGTH)	9
1P1789WNULL	CEDAR FASCIA (10' LENGTH)	9
PART NUMBER	DESCRIPTION	HARDWARE/QTY.

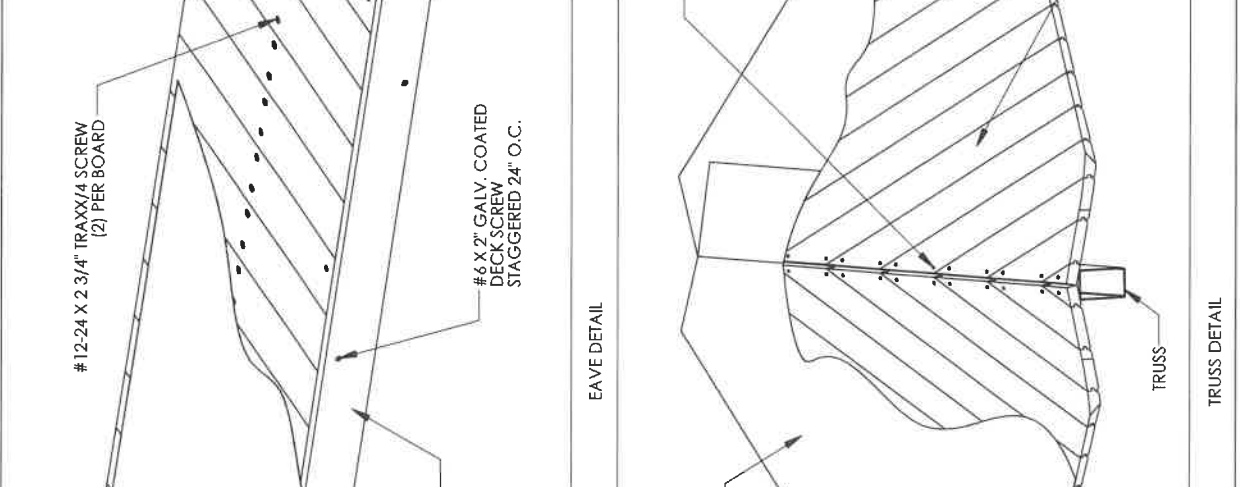
IF THESE DRAWINGS ARE SEALED, THE SEAL APPLIES ONLY TO THE DRAWING COMPONENTS RETAINED WITHIN THESE DRAWINGS AND IS APPLIED BY PORTER CORP AS WELL AS THE FOUNDATION DESIGN, IF APPLICABLE.

PART DESCRIPTIONS:

- #12-24x2.75 TRAXX/4 SCREW
- #6x2" GALVANIZED DECK SCREW
- 1" GALVANIZED ROOFING NAIL (NOT BY POLYGON)



2022A
EAVE DETAIL
TG-100



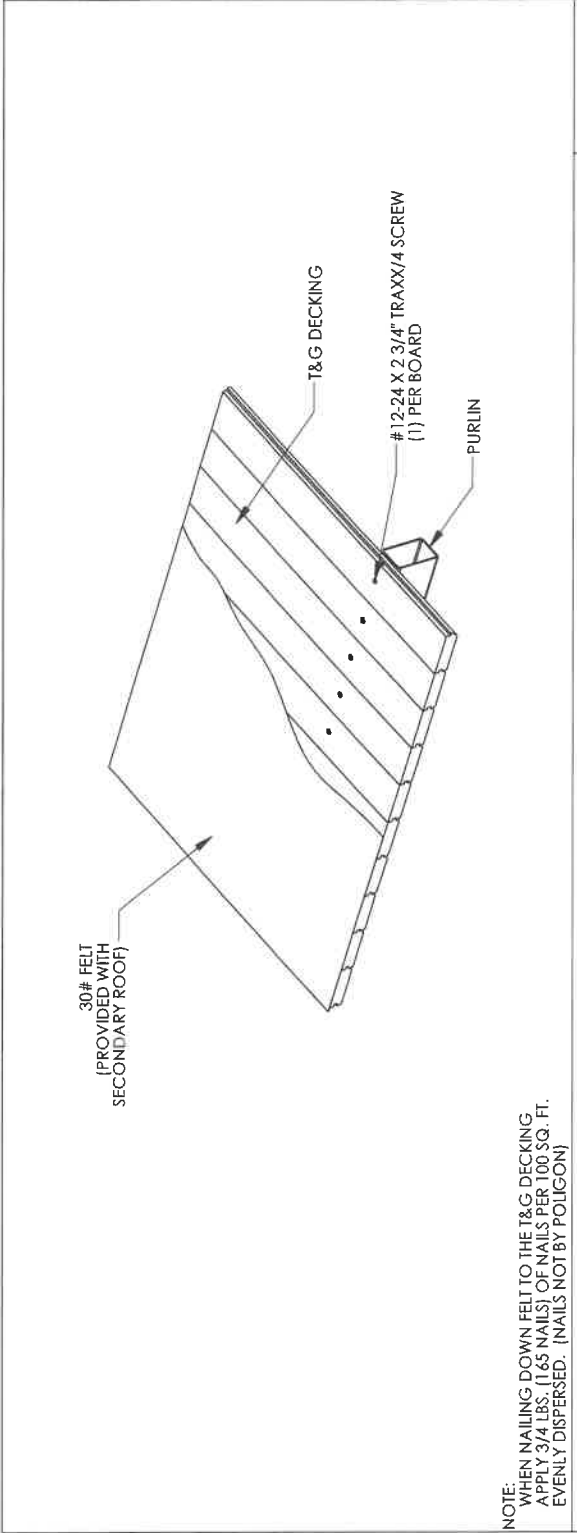
2022A
TRUSS DETAIL
TG-300

NOTE: WHEN NAILING DOWN FELT TO THE T&G DECKING APPLY 3/4 LBS. (165 NAILS) OF NAILS PER 100 SQ. FT. EVENLY DISPERSED. [NAILS NOT BY POLYGON]

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IF THESE DRAWINGS ARE SEALED, THE SEAL APPLIES ONLY TO BUILDING PORTER CORP AS WELL AS THE FOUNDATION DESIGN, IF APPLICABLE.

IF THESE DRAWINGS ARE REPRODUCED, THE REPRODUCED DRAWINGS SHALL BE THE PROPERTY OF PORTER CORP. AS WELL AS THE PORTER CORPORATION. IF APPLICABLE.



PURLIN DETAIL
 2022A
 TC-600

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

