



NOTICE TO PROCEED

Date: November 14, 2017
Contractor: EC Electric, Inc.
Project: Persigo Switch Gear Cabinets Installation RFQ-4424-17-DH

In accordance with the contract dated November 6, 2017 the Contractor is hereby notified to begin work on the Project on or before November 16, 2017.

The date of final completion as determined is December 29, 2017.

CITY OF GRAND JUNCTION, COLORADO

DocuSigned by:
Duane Hoff
9E780E7D50F149C...
Duane Hoff Jr., Senior Buyer

Receipt of this Notice to Proceed is hereby acknowledged:

Contractor: EC Electric, Inc.

By: DocuSigned by:
Matt Benton, EC Electric, Inc.
A86BC0C924334B4...

Print Name: Matt Benton, EC Electric, Inc.

Title: Service Manager

Date: 11/14/2017 | 17:26 MST



CITY OF GRAND JUNCTION, COLORADO

CONTRACT

This CONTRACT made and entered into this 6th day of October, 2017 by and between the City of Grand Junction, Colorado, a government entity in the County of Mesa, State of Colorado, hereinafter in the Contract Documents referred to as the "Owner" and EC Electric, Inc. hereinafter in the Contract Documents referred to as the "Contractor."

WITNESSETH:

WHEREAS, the Owner received quotes for furnishing all labor, tools, supplies, equipment, materials, and everything necessary and required for the Project described by the Contract Documents and known as Persigo Electric Switch Gear Cabinets Installation RFQ-4424-17-DH.

WHEREAS, the Contract has been awarded to the above named Contractor by the Owner, and said Contractor is now ready, willing and able to perform the Work specified in the Notice of Award, in accordance with the Contract Documents;

NOW, THEREFORE, in consideration of the compensation to be paid the Contractor, the mutual covenants hereinafter set forth and subject to the terms hereinafter stated, it is mutually covenanted and agreed as follows:

ARTICLE 1

Contract Documents: It is agreed by the parties hereto that the following list of instruments, drawings, and documents which are attached hereto, bound herewith, or incorporated herein by reference constitute and shall be referred to either as the "Contract Documents" or the "Contract", and all of said instruments, drawings, and documents taken together as a whole constitute the Contract between the parties hereto, and they are fully a part of this agreement as if they were set out verbatim and in full herein:

The order of contract document governance shall be as follows:

- a. The body of this contract agreement
- b. Solicitation Documents for the Project; **Persigo Electric Switch Gear Cabinets Installation;**
- c. Contractors Response to the Solicitation
- d. Work Change Requests (directing that changed work be performed);
- e. Field Orders

f. Change Orders.

ARTICLE 2

Definitions: The clauses provided in the Solicitation apply to the terms used in the Contract and all the Contract Documents.

ARTICLE 3

Contract Work: The Contractor agrees to furnish all labor, tools, supplies, equipment, materials, and all that is necessary and required to complete the tasks associated with the Work described, set forth, shown, and included in the Contract Documents as indicated in the Solicitation Document.

ARTICLE 4

Contract Time: Time is of the essence with respect to this Contract. The Contractor hereby agrees to commence Work under the Contract on or before the date specified in the Solicitation from the Owner, and to achieve Substantial Completion and Final Completion of the Work within the time or times specified in the Solicitation

ARTICLE 5

Contract Price and Payment Procedures: The Contractor shall accept as full and complete compensation for the performance and completion of all of the Work specified in the Contract Documents, the sum of **Nine Thousand Nine Hundred Ninety Four and 00/100 Dollars (\$9,994.00)**. If this Contract contains unit price pay items, the Contract Price shall be adjusted in accordance with the actual quantities of items completed and accepted by the Owner at the unit prices quoted in the Solicitation Response. The amount of the Contract Price is and has heretofore been appropriated by the Grand Junction City Council or Mesa County Board of County Commissioners for the use and benefit of this Project. The Contract Price shall not be modified except by Change Order or other written directive of the Owner. The Owner shall not issue a Change Order or other written directive which requires additional work to be performed, which work causes the aggregate amount payable under this Contract to exceed the amount appropriated for this Project, unless and until the Owner provides Contractor written assurance that lawful appropriations to cover the costs of the additional work have been made.

Unless otherwise provided in the Solicitation, monthly partial payments shall be made as the Work progresses. Applications for partial and Final Payment shall be prepared by the Contractor and approved by the Owner in accordance with the Solicitation.

Upon Final Completion of the Work under the Contract and before the Contractor shall receive final payment, the Owner shall publish at least twice in a newspaper of general circulation published in the County a notice that: 1. the Owner has accepted such Work as completed according to the Contract Documents; 2. the Contractor is entitled to final payment therefore; 3. thirty days after the first publication, specifying the exact date, the Owner shall pay the full balance due under the Contract; and 4. persons having claims for labor, materials, team hire, sustenance, provisions, provender, or other supplies used or

consumed by the Contractor or a subcontractor shall file a verified statement of the amount due and unpaid on account of such claim prior to the date specified for such payment. Nothing herein shall be construed as relieving the Contractor and the Sureties on the Contractor's Bonds from any claim or claims for work or labor done or materials or supplies furnished in the execution of the Contract.

ARTICLE 6

Contract Binding: The Owner and the Contractor each binds itself, its partners, successors, assigns and legal representatives to the other party hereto in respect to all covenants, agreements and obligations contained in the Contract Documents. The Contract Documents constitute the entire agreement between the Owner and Contractor and may only be altered, amended or repealed by a duly executed written instrument. Neither the Owner nor the Contractor shall, without the prior written consent of the other, assign or sublet in whole or in part its interest under any of the Contract Documents and specifically, the Contractor shall not assign any moneys due or to become due without the prior written consent of the Owner.

ARTICLE 7

Severability: If any part, portion or provision of the Contract shall be found or declared null, void or unenforceable for any reason whatsoever by any court of competent jurisdiction or any governmental agency having the authority thereover, only such part, portion or provision shall be effected thereby and all other parts, portions and provisions of the Contract shall remain in full force and effect.

IN WITNESS WHEREOF, City of Grand Junction, Colorado, has caused this Contract to be subscribed and sealed and attested in its behalf; and the Contractor has signed this Contract the day and the year first mentioned herein.

The Contract is executed in two counterparts.

CITY OF GRAND JUNCTION, COLORADO

DocuSigned by:
Duane Hoff
By: _____
Duane Hoff Jr., Senior Buyer

11/6/2017 | 16:00 MST

Date

EC Electric, Inc.

DocuSigned by:
Matt Benton, EC Electric, Inc.
By: _____
Matt Benton, EC Electric, Inc. Service Manager

11/6/2017 | 15:02 MST

Date



Purchasing Division

REQUEST FOR QUOTE

**RFQ-4424-17-DH
PERSIGO ELECTRIC SWITCH GEAR CABINETS
REPLACEMENT**

Responses Due:

November 2, 2017 prior to 3:30pm

duaneh@gjcity.org

Purchasing Representative:

Duane Hoff Jr., Senior Buyer

Phone (970) 244-1545

duaneh@gjcity.org

*****Submittal by EMAIL is required for this quote*****

1. SCOPE

1.1 The City of Grand Junction is soliciting competitive quotes from qualified and interested companies to remove the existing medium voltage electrical cabinets and install new electrical cabinets for the Persigo Wastewater Treatment Plant.

1.2 **The Owner:** The Owner is the City of Grand Junction, Colorado and is referred to throughout this Solicitation. The term Owner means the Owner or his authorized representative.

2. REQUIREMENTS/SCOPE OF WORK

2.1 General Requirements & Scope of Work:

2.1.1 Delivery of Quotes: Offerors shall submit their quote via email to the Purchasing Representative prior to the date, and time as stated on cover page of this RFQ. Late quotes will not be considered.

2.1.2 Specifications/Scope:

Mandatory Site Visit Meeting: Prospective bidders are required to attend a mandatory site visit meeting on October 26, 2017 at 11:00am. Meeting location shall be in the Persigo Wastewater Treatment Plant Conference Room, located at 2145 River Road, Grand Junction, CO. The purpose of this visit will be to inspect and to clarify the contents of this Invitation for Bids (IFB).

Plans: The new cabinets were built by S&C Electric Company and submittal drawings from S&C are attached to this document, as well as, the cable connection details. The new switch gear cabinets are on-site and the prospective bidders will be able to see and look inside the cabinets during the site visit.

Electrical contractor's responsibilities include:

PHASE 1:

- Install three (3) new 4" dia. electrical conduits from the Xcel Energy meter to the new location of Bay 1 per the S&C drawings. Conduit shall be installed per electrical standards for bury depth. Electrical warning tape shall be installed in the trench above the conduits during backfill operations. Contractor responsible for all excavation, installation of conduit, warning tape, backfill, and compaction. City will furnish conduit and elbow fittings. Approximate length of trenching is about 20-ft. Total length of conduit to be installed is about 60-ft. Conduit and conduit fittings are on-site.
- Install new standard 1/0 Al 15kV cables from Xcel's meter to Bay 1. Supply standard Xcel Energy load break elbow terminations for connection into Xcel's meter. Connection into Bay 1 shall be per S&C Electric Company's details. Total length needed of 1/0 cable will be about 60-ft.
- City will hire a concrete contractor to pour the new concrete pad for Bay 1 once the conduit and cables are installed and trenches are backfilled and compacted.

PHASE 2:

- Remove Existing Cabinets – Once new concrete pad has cured, the Contractor shall gear up for removal of the existing switch gear cabinets. This will require disconnecting the existing cables in Bay 3 and Bay 4, removing anchor bolts, making all necessary electrical disconnects and safety precautions to have the existing cabinets ready for removal.
- Remove Existing Cabinets – Contractor shall have a crane on-site to remove the old cabinets and install the new cabinets. Contractor is responsible for hiring a crane capable of handling the cabinets weight.
- New Cabinets Installation – This work shall be completed after Xcel Energy has installed the new meter. At this time, there isn't an exact date when Xcel will have this new meter installed and hooked up to the existing ATO. The City's goal is to have these new cabinets installed by the end of November 2017.
- New Cabinets Installation – The Contractor has a maximum time period of **6-hours** from start to finish to complete the power outage, electrical disconnects, cabinet removal, new cabinet installation, new anchor bolt installation, cable hookup, testing, and all other necessary steps for a successful switch over. The reason for the 6-hour timeframe is the bacteria/bugs in the aeration basins will begin to die off with the aeration (oxygen bubbles) being turned off. The sooner the work is completed the better it will be for Persigo's operations.
- New Cabinets Installation – Prior to the power outage, the Contractor can install Bay 1 and get it hooked up to the new Xcel Energy meter. This will help shorten the amount of time the plant is without power when the existing cabinets are removed and the new cabinets are installed.
- New Cabinets Installation – This work needs to happen on either a Tuesday, Wednesday, or Thursday.

City's responsibilities include:

- Hire a concrete contractor to pour the new concrete pad for Bay 1. Once conduits are installed and backfilled the City will have the concrete pad poured.
- With the help of the contractor, the City will coordinate with Xcel Energy the power outage needed for cabinet replacement. Xcel Energy shall be on-site during cabinet replacement. Xcel Energy plans to haul off the old switch gear cabinets. Contractor is not responsible for disposal of the existing electrical cabinets.
- City personnel will be present during switch to lend support, help and knowledge of Persigo WWTP.

2.1.3 Award(s) shall be based upon the lowest responsive and responsible Offeror that meets the required specifications and demonstrated capabilities.

2.1.4 All prices submitted by Offeror on the attached response form shall be all inclusive to include, but not limited to: materials, tools, labor, travel, shipping (FOB Destination, Freight Pre-Paid and Allowed), installation, insurance, training charges, etc.

2.1.5 For City of Grand Junction Purchases, invoices shall be submitted to:
City of Grand Junction
Persigo Waste Water Treatment Plant
2145 River Road
Grand Junction, CO 81505
and shall reference: the Purchase Order number, the name of the agency and the date.

NOTE: *Payment may be delayed if the above information is omitted from any submitted invoice.*

3. Insurance Requirements: The selected Contractor agrees to procure and maintain, at its own cost, policy(s) of insurance sufficient to insure against all liability, claims, demands, and other obligations assumed by the Contractor pursuant to this Section. Such insurance shall be in addition to any other insurance requirements imposed by this Contract or by law. The Contractor shall not be relieved of any liability, claims, demands, or other obligations assumed pursuant to this Section by reason of its failure to procure or maintain insurance in sufficient amounts, durations, or types. Contractor shall procure and maintain and, if applicable, shall cause any Subcontractor of the Contractor to procure and maintain insurance coverage listed below. Such coverage shall be procured and maintained with forms and insurers acceptable to the Owner. In the case of any claims-made policy, the necessary retroactive dates and extended reporting periods shall be procured to maintain such continuous coverage. Minimum coverage limits shall be as indicated below unless specified otherwise:

(a) **Worker Compensation:** Contractor shall comply with all State of Colorado Regulations concerning Workers' Compensation insurance coverage.

(b) **General Liability insurance with minimum limits of:**

FIVE HUNDRED THOUSAND DOLLARS (\$500,000) each occurrence and FIVE HUNDRED THOUSAND DOLLARS (\$500,000) per job aggregate.

The policy shall be applicable to all premises and operations. The policy shall include coverage for bodily injury, broad form property damage (including completed operations), personal injury (including coverage for contractual and employee acts), blanket contractual, products, and completed operations. The policy shall contain a severability of interests provision.

(c) **Comprehensive Automobile Liability insurance with minimum limits for bodily injury and property damage of not less than:**

FIVE HUNDRED THOUSAND DOLLARS (\$500,000) each occurrence and FIVE HUNDRED THOUSAND DOLLARS (\$500,000) aggregate

This policy shall provide coverage to protect the contractor against liability incurred as a result of the professional services performed as a result of responding to this Solicitation.

With respect to each of Contractors owned, hired, or non-owned vehicles assigned to be used in performance of the Work. The policy shall contain a severability of interests provision. The policies required by paragraph (b) above shall be endorsed to include the Owner, and the Owner's officers and employees as additional insureds. Every policy required above shall be primary

insurance, and any insurance carried by the Owner, its officers, or its employees, or carried by or provided through any insurance pool of the Owner, shall be excess and not contributory insurance to that provided by Bidder. No additional insured endorsement to any required policy shall contain any exclusion for bodily injury or property damage arising from completed operations. The Bidder shall be solely responsible for any deductible losses under any policy required above.

The attached form must be used for your response. Failure to comply may result in your disqualification for this procurement.

RFQ-4424-17-DH

PERSIGO ELECTRIC SWITCH GEAR CABINETS INSTALLATION

| DESCRIPTION | TOTAL PRICE |
|---|-------------|
| To install switch gear cabinets and equipment at Persigo WWTP, per scope of work. | |

_____ DOLLARS

Written Total Price

- City of Grand Junction payment terms shall be Net 30 days.
- The undersigned certifies that no Federal, State, County or Municipal tax will be added to the above quoted prices.

(Company Name – Typed or Printed)

(Phone Number)

(Address)

(Authorized Dealer Agent – Typed or Printed)

(City, State, and Zip Code)

(Authorized Agent Signature)

(Email Address of Agent or Sales Contact)

(Date)

NOTES:

1. DIMENSIONS SHOWN ARE FOR CUSTOMER INFORMATION AND ARE NOT SUBJECT TO CHANGE.
2. WHEN MAKING CONNECTIONS, CAUTION SHOULD BE USED TO AVOID PLACING ANY INTENTIONAL STRAIN UPON ANY TERMINAL PAD, INCLUDING A SWITCH OR FUSE TERMINAL PAD. IT IS IMPORTANT THAT EACH CABLE-TERMINATOR CONNECTION BE FLAT AGAINST THE CORRESPONDING TERMINAL PAD, WITH THE BOLT HOLES IN ALIGNMENT. DO NOT USE THE CONNECTING BOLTS TO PULL THE CABLES INTO ALIGNMENT. SECURE CABLE FIRMLY TO CABLE SUPPORT ANGLE WHERE FURNISHED.
3. ALL HANDLES AND DOORS HAVE PROVISIONS FOR PADLOCKING, 3/8-INCH MAX. DIAMETER SHACKLE.
4. ALL CABLE CONNECTORS EXCEPT STATION GROUND CONNECTORS TO BE FURNISHED BY OTHERS. S&C TO FURNISH TWO-HOLE NEMA DRILLING.
5. PROVISIONS FOR FUTURE BUS EXTENSION.
6. APPROXIMATE PROJECTION OF CABLE CENTERLINES. ALL BAYS HAVE A CONTINUOUS 2-INCH FLANGE AROUND THE BOTTOM EDGE.
7. APPROXIMATE WEIGHT PER BAY IS 3000 LBS.
8. EACH BAY SHIPPED SEPARATELY.
9. BAY ENCLOSURE MATERIAL: 11 GAGE REINFORCED MILD STEEL SHEET.
10. BUS MATERIAL: MAIN & GROUND BUS ALUMINUM.
11. FINISH: S&C ULTRADUR OUTDOOR FINISH - LIGHT GRAY MEETING THE REQUIREMENTS OF ANSI STANDARD Z55.1 FOR #70.
12. CUSTOMER TO DETERMINE THAT CABLE-TRAINING SPACE IS ADEQUATE.
13. APPROXIMATE CONDUIT LOCATION FOR CUSTOMER CONNECTION TO LOW-VOLTAGE CIRCUITS.
14. INSTRUCTION BOOK IS LOCATED IN BAY 1.
15. THIS SWITCHGEAR ASSEMBLY IS UL LISTED. ALL ENCLOSURES ARE CATEGORY B PER ANSI/IEEE C37.20.3.
16. LOW-VOLTAGE DEVICES INCLUDING HEATERS WIRED PER:
QCDR-17078 INTERCONNECTION WIRING DIAGRAM

| NAMEPLATE DATA | |
|---|--------|
| VOLTAGE RATINGS: | |
| KV, NOMINAL | 13.8 |
| KV, MAX | 17 |
| KV, POWER FREQUENCY WITHSTAND | 36 |
| KV, LIGHTNING IMPULSE WITHSTAND (BIL) | 95 |
| MAIN BUS, AMPERES CONTINUOUS | 600 |
| SHORT-CIRCUIT RATINGS: | |
| AMPERES, RMS, SYMMETRICAL | 25,000 |
| MVA THREE-PHASE SYM. AT RATED NOMINAL VOLTAGE | 600 |
| DUTY-CYCLE FAULT-CLOSING AMPERES, RMS, ASYMMETRICAL | 40,000 |
| FREQUENCY, HZ | 60 |
| PEAK WITHSTAND (MOMENTARY) PEAK AMPERES | 65,000 |
| SHORT-TIME WITHSTAND, AMPERES, RMS, SYMMETRICAL | 25,000 |
| SHORT-TIME WITHSTAND, DURATION, SECONDS | 1 |

SOLD TO: MEDIUM VOLTAGE ACCESSORY
P.O. NUMBER: 15392
USER/PROJECT: PERSIGO WWTP
S&C S.O. NUMBER: 586384

REVISIONS


| NO. | NOTICE NO. | DATE | REV BY | DESCRIPTION |
|-----|------------|-----------|--------|-----------------------------------|
| 000 | SCS94874 | 8/4/2017 | MC | INITIAL RELEASE. |
| 001 | SCS94924 | 8/17/2017 | DN | REVOLVED BUS DUCT AND MOVED BAY 1 |
| | | | | |
| | | | | |
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CAUTION

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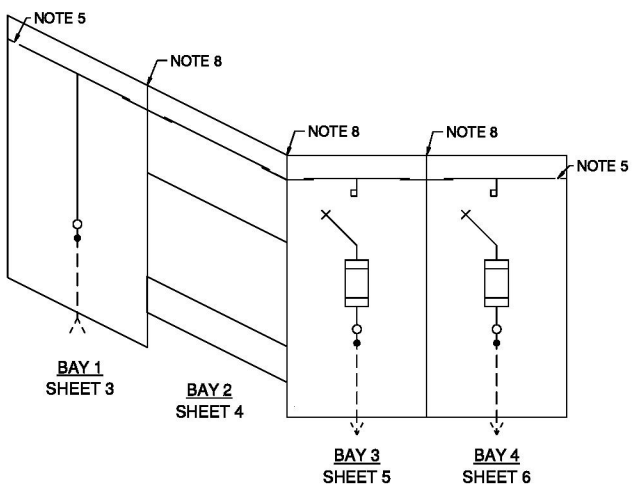
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| | | | |
|---------------|------|---------------------|--------------|
| DRAWING SIZE | C | DRAWN BY | MANNY CABAEL |
| SCALE | NONE | ORIGINATION DATE | 8/4/2017 |
| PROJECTION | | UNITS | INCHES |
| NEXT ASSEMBLY | | PRODUCT DESCRIPTION | CUSTOM |

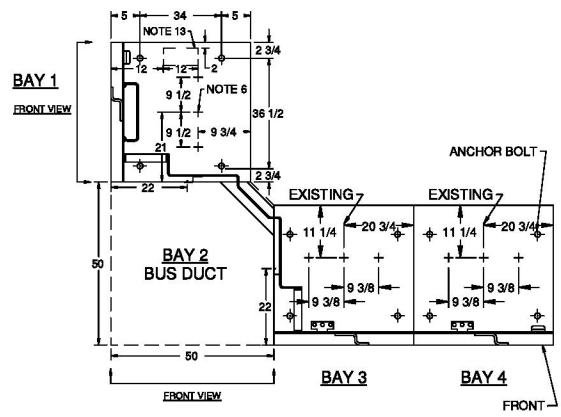


S&C ELECTRIC COMPANY
Excellence Through Innovation

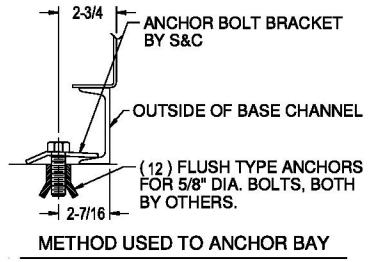
DESCRIPTION
S&C CUSTOM METAL-ENCLOSED SWITCHGEAR
13.8 KV 4 BAYS OUTDOOR



ONELINE DIAGRAM



ANCHOR BOLT PLAN VIEW



REVISIONS

| NO. | NOTICE NO. | DATE | REV BY | DESCRIPTION |
|-----|------------|-----------|--------|-----------------------------------|
| 000 | SCS94874 | 8/4/2017 | MC | INITIAL RELEASE. |
| 001 | SCS94924 | 8/17/2017 | DN | REVOLVED BUS DUCT AND MOVED BAY 1 |
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CAUTION

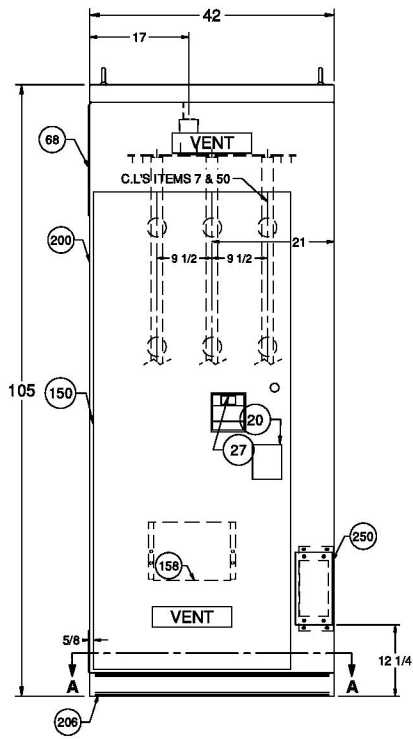
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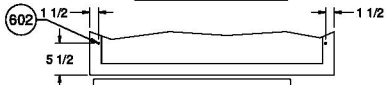
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| SCALE | NONE | ORIGINATION DATE | 8/4/2017 |
| PROJECTION | 1ST ANGLE | UNITS | INCHES |
| NEXT ASSEMBLY | | PRODUCT DESCRIPTION | CUSTOM |

S&C ELECTRIC COMPANY
Excellence Through Innovation

DESCRIPTION
S&C CUSTOM METAL-ENCLOSED SWITCHGEAR
13.8 KV 4 BAYS OUTDOOR



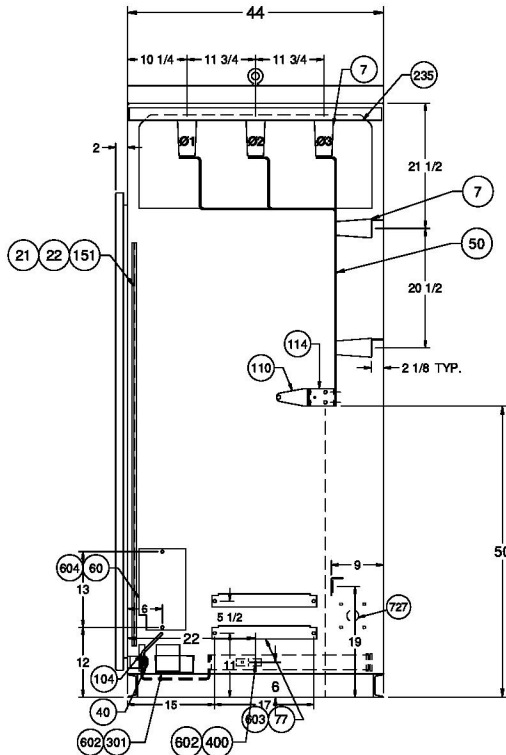
FRONT VIEW



SECTION A-A

NOTES:

1. SEE DRAWING QCA-5184 FOR CONSTRUCTION DETAILS.
2. ITEMS 56 AND 57 TO BE SHIPPED LOOSE FOR ASSEMBLING SWITCHGEAR IN THE FIELD.
3. THIS BAY HAS 240V HEATERS WIRED FOR USE WITH 115/120V SUPPLY. HEATER OUTPUT IS 250W PER BAY.
4. CONDUIT TO BE INSTALLED AS NEEDED IN FINAL ASSEMBLY.



OPEN SIDE VIEW

OPTIONAL FEATURES IN THIS BAY:

- | | |
|------|--|
| A1 | OUTDOOR CONSTRUCTION -PNT102 LIGHT GRAY FINISH |
| A31 | FUTURE EXTENSION - LEFT |
| A38A | SHIPPING SPLIT ON RIGHT SIDE OF BAY - ALUMINUM BUS SPLICES |
| A34 | INSTRUCTION BOOK HOLDER |
| A35 | TERMINAL BLOCK MOUNTING PLATE |
| A37 | LOW-VOLTAGE COMPARTMENT IN STYLE |
| A38L | GROUND CONNECTOR FOR ALUMINUM BUS |
| VAS | LONG-LIFE HEATERS - 250W TOTAL OUTPUT |

| BILL OF MATERIAL | | | |
|------------------|------|--------------------|--|
| ITEM | QTY. | PART NUMBER | DESCRIPTION |
| 7 | 9 | PA-7163 | 13.8KV BUS SUP.INDOOR INSULATOR |
| 20 | 1 | G-4900R2 | SIGN: CAUTION - HIGH VOLTAGE |
| 21 | 1 | G-4959R1 | SIGN: DANGER - HIGH VOLTAGE |
| 22 | 1 | G-4901R1 | WARNING SIGN |
| 27 | 1 | G-6259 | UL LISTED BAY NUMBER NAMEPLATE |
| 40 | 1 | 4745 | CABLE CONNECTOR, #2-500 KCMIL FOR ALUMINUM BUS |
| 50 | 1 | AS SHOWN | 600A MAIN & GROUND BUS ASSEMBLY, ALUMINUM |
| 56 | 1 | CWA-5036-1 | BAY-TO-BAY BOLTING KIT, 13.8KV OUTDOOR GRAY GASKET |
| 57 | 1 | CWA-5050-2 | SPLICE PLATE KIT - 13.8KV 600A, ALUMINUM |
| 60 | 1 | C-1291 | TERMINAL BLOCK MOUNTING PLATE |
| 64 | 4 | CD-1720 | ANCHOR BRACKET |
| 65 | 1 | OCMA-15947 | WIRING COMPONENT LIST |
| 68 | 1 | CVU-1707-3-PNT102 | FUTURE EXTENSION ASSEMBLY, 13.8KV |
| 77 | 2 | CA-871-5 | HEATER & GUARD, 240V, 500W |
| 86 | 1 | 5500-003 | SNAP LOCK CAPPLUG |
| 104 | 1 | C-947 | GROUND BAIL |
| 110 | 3 | S-86004 | GROUNDING STUD |
| 114 | 3 | C-8398 | TERMINAL ADAPTER - 1 CABLE PER PHASE, ALUMINUM |
| 127 | 1 | G-4616 | LABEL - INSTRUCTION MANUAL INSIDE THIS BAY |
| 150 | 1 | CMA-1150-17-PNT102 | DOOR ASSEMBLY, SNAPLOCK 33-7/8" W X 82" H |
| 151 | 1 | CA-876-26 | SCREEN DOOR ASSEMBLY, 28-3/4" W X 69-1/8" H |
| 155 | 4 | CA-1320 | VENT BACKING ASSEMBLY |
| 158 | 1 | CM-1119 | INSTRUCTION BOOK HOLDER |
| 200 | 1 | AS SHOWN | STEEL ENCLOSURE: LIGHT GRAY FINISH |
| 201 | 2 | CA-1269 | EYE BOLT ASSEMBLY, WELDED INTO ROOF |
| 205 | 1 | CWA-5071-33 | BASE ASSEMBLY, 42" WIDE X 44" DEEP |
| 235 | 1 | CD-2464 | BUS SUPPORT ANGLE, 44" DEEP 13.8 KV BAY |
| 250 | 1 | QCA-5184-PNT102 | LOW VOLTAGE COMPARTMENT |
| 301 | 1 | CMA-1422-4 | WIRE DUCT & COVER ASSEMBLY, 42" BAY - 3" X 6-1/2" |
| 400 | 1 | C-1059 | GROUND BUS SUPPORT BRACKET |
| 602 | 3 | 1323-192 | 5/16-18 X 3/4 WELD STUD, WELDED INTO BAY |
| 603 | 4 | 0825-559 | 1/4-20 X 3/4 WELD STUD, WELDED INTO BAY |
| 604 | 2 | 0825-190 | DRILLING FOR SEPARATE WIRE DUCT CUTOUT WITH CORNER BUS DUCT EXCEPT IN REAR |
| 727 | 1 | RD-7368 EAS | |

REVISIONS

| NO. | NOTICE NO. | DATE | REV BY | DESCRIPTION |
|-----|------------|-----------|--------|-----------------------------------|
| 000 | SCS94874 | 8/4/2017 | MC | INITIAL RELEASE. |
| 001 | SCS94924 | 8/17/2017 | DN | REVOLVED BUS DUCT AND MOVED BAY 1 |

CAUTION

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| | | | |
|---------------------|--------|------------------|--------------|
| DRAWING SIZE | C | DRAWN BY | MANNY.CABAEI |
| SCALE | NONE | ORIGINATION DATE | 8/4/2017 |
| PROJECTION | UNITS | INCHES | |
| NEXT ASSEMBLY | | | |
| PRODUCT DESCRIPTION | CUSTOM | | |



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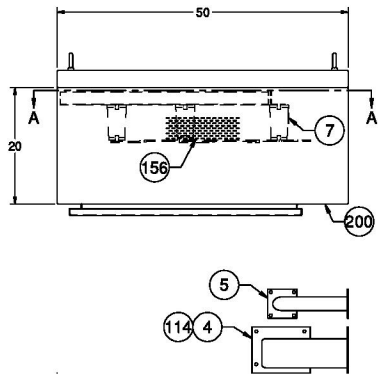
DESCRIPTION

BAY 1

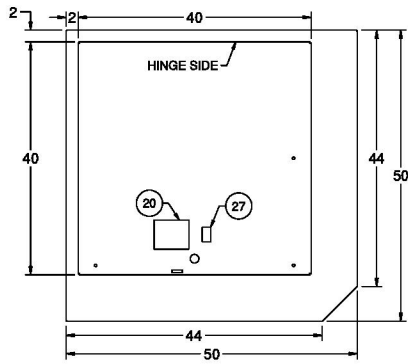
MODULE: A-21471
OPTIONS: A1,A31,A38A,A34,A35,A37,A38L,VAS

SHEET 3 OF 6

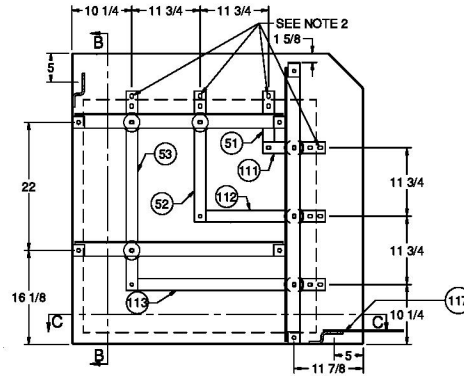
DRAWING NO.
CDA-851662



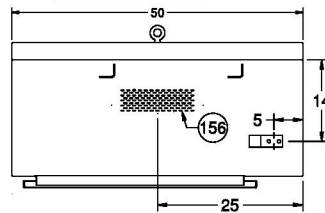
FRONT VIEW



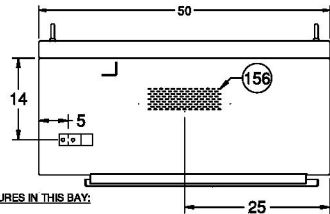
BOTTOM VIEW



SECTION A-A



SECTION B-B



SECTION C-C

OPTIONAL FEATURES IN THIS BAY:
 A1 ASSA
 OUTDOOR CONSTRUCTION -PNT102 LIGHT GRAY FINISH
 SHIPPING SPLIT ON RIGHT SIDE OF BAY - ALUMINUM BUS SPLICES

| BILL OF MATERIAL | | | | |
|------------------|------|----------------------|--|--|
| ITEM | QTY. | PART NUMBER | DESCRIPTION | |
| 4 | 1 | QCMA-11675-PNT102 | CORNER GROUND BUS DUCT | |
| 5 | 1 | QCMA-13962-PNT102 | CORNER WIRE DUCT WELDMENT | |
| 7 | 6 | PA-7163 | 13.8KV BUS SUP. INDOOR INSULATOR | |
| 20 | 1 | G-4900R2 | SIGN: CAUTION - HIGH VOLTAGE | |
| 27 | 1 | G-6259 | UL LISTED BAY NUMBER NAMEPLATE | |
| 51 | 1 | CW-2260 | MAIN BUS, 13.8KV 600A BUS DUCT - ALUMINUM | |
| 52 | 1 | CW-2261 | MAIN BUS, 13.8KV 600A BUS DUCT - ALUMINUM | |
| 53 | 1 | CW-2262 | MAIN BUS, 13.8KV 600A BUS DUCT - ALUMINUM | |
| 58 | 1 | CWA-6028-2 | SPECIAL BAY-TO-BAY BOLTING KIT, 13.8 KV | |
| 63 | 1 | CWA-5137-2 | SPECIAL SPLICE PLATE KIT - 600A ALUMINUM | |
| 70 | 3 | C-3789 | SPLICE PLATE - 13.8KV 600A, ALUMINUM | |
| 86 | 1 | S501-003 | SNAP LOCK CAPLUG | |
| 111 | 1 | CW-2257 | MAIN BUS, 13.8KV 600A BUS DUCT - ALUMINUM | |
| 112 | 1 | CW-2258 | MAIN BUS, 13.8KV 600A BUS DUCT - ALUMINUM | |
| 113 | 1 | CW-2259 | MAIN BUS, 13.8KV 600A BUS DUCT - ALUMINUM | |
| 114 | 1 | CW-2239 | MAIN GROUND BUS SPLICE, 13.8KV 600A BUS DUCT - ALUMINUM | |
| 117 | 1 | CWA-6013-2 | GROUND SPLICE FOR FABRICATION SPLIT, 600A ALUMINUM | |
| 146 | 1 | QCMA-12757-61-PNT102 | HINGED BOLTED PANEL, LESS DOOR HOLDER - STEEL BY STEEL DETAILING | |
| 156 | 2 | CA-1320 | VENT BACKING ASSEMBLY | |
| 200 | 1 | AS SHOWN | STEEL ENCLOSURE: LIGHT GRAY FINISH | |

NOTES:

- ITEMS 58, 63, AND 117 TO BE SHIPPED LOOSE FOR ASSEMBLING SWITCHGEAR IN THE FIELD.
- MOUNTING BOLTS FOR BUS SPLICE PLATES MUST HAVE HEAD OF BOLT ON TOP OF MAIN BUS.

REVISIONS

| NO. | NOTICE NO. | DATE | REV BY | DESCRIPTION |
|-----|------------|-----------|--------|-----------------------------------|
| 000 | SCS94874 | 8/4/2017 | MC | INITIAL RELEASE. |
| 001 | SCS94924 | 8/17/2017 | DN | REVOLVED BUS DUCT AND MOVED BAY 1 |

CAUTION

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| | | | |
|---------------------|-----------|------------------|--------------|
| DRAWING SIZE | C | DRAWN BY | MANNY CABAEL |
| SCALE | NONE | ORIGINATION DATE | 8/4/2017 |
| PROJECTION | 1st Angle | UNITS | INCHES |
| NEXT ASSEMBLY | | | |
| PRODUCT DESCRIPTION | CUSTOM | | |



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 Excellence Through Innovation

DESCRIPTION

BAY 2

MODULE: UD-21501
 OPTIONS: A1,A39A

SHEET 4 OF 6

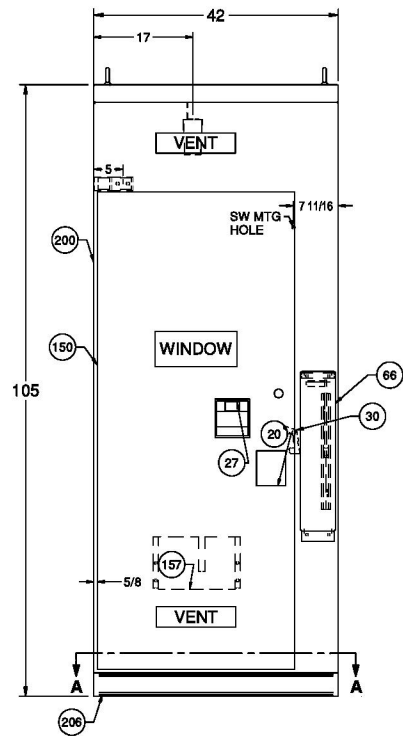
DRAWING NO.
CDA-851662

USER OPTIONS: TS93A,TS6A

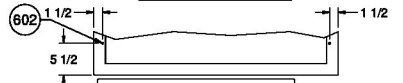
BILL OF MATERIAL

| ITEM | QTY. | PART NUMBER | DESCRIPTION |
|------|------|--------------------|--|
| 1 | 1 | 285422R3-Q118 | MINI-RUPTR SWITCH, SM-SS POWER FUSES, 14.4KV PER ED-458R5-S5 |
| 2 | 3 | 86642R2 | SM-SS POWER FUSE HOLDER, 13.8KV |
| 20 | 1 | G-4900R2 | SIGN: CAUTION - HIGH VOLTAGE |
| 21 | 2 | G-4959R1 | SIGN: DANGER - HIGH VOLTAGE |
| 22 | 1 | G-4901R1 | WARNING SIGN |
| 23 | 2 | G-4608R1 | SIGN: SWITCH BLADES MAY BE ENERGIZED |
| 24 | 2 | G-4609R1 | SIGN: FUSES MAY BE ENERGIZED |
| 27 | 1 | G-5259 | UL LISTED BAY NUMBER NAMEPLATE |
| 30 | 1 | SA-40569-2 | MECHANICAL DOOR INTERLOCK |
| 50 | 1 | CWA-5046-1 | 13.8KV 600A MAIN & GROUND BUS ASSEMBLY, ALUMINUM |
| 56 | 1 | CWA-5036-1 | BAY-TO-BAY BOLTING KIT, 13.8KV OUTDOOR GRAY GASKET |
| 57 | 1 | CWA-5050-2 | SPLICE PLATE KIT - 13.8KV 600A, ALUMINUM |
| 60 | 1 | C-1291 | TERMINAL BLOCK MOUNTING PLATE |
| 64 | 4 | CD-1720 | ANCHOR BRACKET |
| 66 | 1 | S299-PNT102 | PADLOCKABLE HANDLE COVER FOR MINI-RUPTR |
| 77 | 2 | CA-871-5 | HEATER & GUARD, 240V, 800W |
| 86 | 1 | 5500-003 | SNAP LOCK CAPLUG |
| 100 | 6 | 0611-308 | AS CHANCE BALL GROUNDING STUD CAT #C800-2102 |
| 104 | 1 | CM-8809 | GROUND STUD MOUNTING BRACKET, ALUMINUM |
| 115 | 3 | S-87976 | TERMINAL ADAPTER FOR SM-SS, ALUMINUM |
| 120 | 3 | CWA-6012-4 | REVERSE CABLE ADAPTER - SM-SS |
| 150 | 1 | CMA-1149-17-PNT102 | DOOR ASSEMBLY, SNAPLOCK AND WINDOW 33-7/8" W X 82" H |
| 151 | 1 | CA-876-2 | SCREEN DOOR ASSEMBLY, A = 28-3/4", B = 56-3/8" |
| 152 | 1 | CA-876-38 | SCREEN DOOR ASSEMBLY, 28-3/4" W X 12-1/2" H |
| 156 | 4 | CA-1320 | VENT BACKING ASSEMBLY |
| 157 | 1 | C-9107 | FUSE STORAGE CONTAINER |
| 200 | 1 | AS SHOWN | STEEL ENCLOSURE, LIGHT GRAY FINISH |
| 201 | 2 | CA-1269 | EYE BOLT ASSEMBLY, WELDED INTO ROOF |
| 206 | 1 | CWA-5071-33 | BASE ASSEMBLY, 42" WIDE X 44" DEEP |
| 236 | 2 | C-788 | MINI-RUPTR SUPPORT ANGLE, 42" WIDE BAY, WELDED INTO BAY |
| 301 | 1 | CMA-1422-4 | WIRE DUCT & COVER ASSEMBLY, 42" BAY - 3" X 6-1/2" |
| 400 | 1 | C-1098 | GROUND BUS SUPPORT BRACKET |
| 602 | 3 | 1323-192 | 5/16-18 X 3/4 WELD STUD, WELDED INTO BAY |
| 603 | 4 | 0825-585 | 1/4-20 COLLARED WELD STUD, WELDED INTO BAY |
| 604 | 2 | 0825-190 | 1/4-20 X 3/4 WELD STUD, WELDED INTO BAY |
| 727 | 1 | RD-7368 EAS | DRILLING FOR SEPARATE WIRE DUCT CUTOUT WITH CORNER BUS DUCT EXCEPT IN REAR |

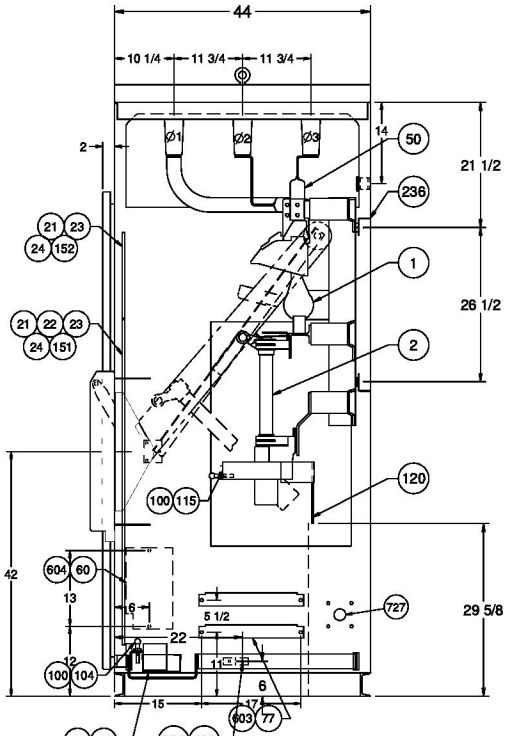
SEE NOTE 1
SEE NOTE 2
SEE NOTE 2



FRONT VIEW



SECTION A-A



OPEN SIDE VIEW

OPTIONAL FEATURES IN THIS BAY:
 A1 OUTDOOR CONSTRUCTION -PNT102; LIGHT GRAY FINISH
 A11 PADLOCKABLE SWITCH HANDLE COVER
 A38A SHIPPING SPLIT ON RIGHT SIDE OF BAY - ALUMINUM BUS SPLICES
 A55R TERMINAL BLOCK MOUNTING PLATE
 H6 A.S. CHANCE GROUND STUDS IN LIEU OF S&C GROUND STUDS
 VAS LONG-LIFE HEATERS - 250W TOTAL OUTPUT

NOTES:

- DOOR CANNOT BE OPENED WHEN INTERRUPTER SWITCH IS CLOSED, AND INTERRUPTER SWITCH CANNOT BE CLOSED WHEN DOOR IS OPEN.
- ITEMS 56 AND 57 TO BE SHIPPED LOOSE FOR ASSEMBLING SWITCHGEAR IN THE FIELD.
- THIS BAY HAS 240V HEATERS WIRED FOR USE WITH 115/120V SUPPLY. HEATER OUTPUT IS 250W PER BAY.
- CONDUIT TO BE INSTALLED AS NEEDED IN FINAL ASSEMBLY.

REVISIONS

| NO. | NOTICE NO. | DATE | REV BY | DESCRIPTION |
|-----|------------|-----------|--------|-----------------------------------|
| 000 | SCS94874 | 8/4/2017 | MC | INITIAL RELEASE. |
| 001 | SCS94924 | 8/17/2017 | DN | REVOLVED BUS DUCT AND MOVED BAY 1 |

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| | |
|--------------------------------------|-------------------------------------|
| DRAWING SIZE C | DRAWN BY MANNY CABAEL |
| SCALE NONE | ORIGINATION DATE 8/4/2017 |
| PROJECTION 1st ANGLE | UNITS INCHES |
| NEXT ASSEMBLY | |
| PRODUCT DESCRIPTION CUSTOM | |

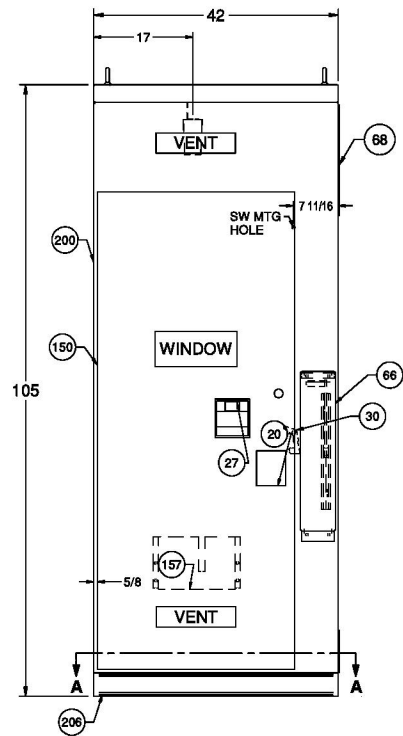
S&C ELECTRIC COMPANY
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| | |
|---|----------------------------------|
| DESCRIPTION BAY 3 | SHEET 5 OF 6 |
| MODULE: A-21451 OPTIONS: A1,A11,A38A,A55R,H6,VAS | DRAWING NO. CDA-851662 |

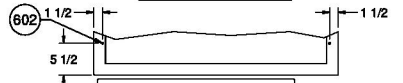
BILL OF MATERIAL

| ITEM | QTY. | PART NUMBER | DESCRIPTION |
|------|------|--------------------|---|
| 1 | 1 | 285422R3-Q118 | MINI-RUPTER SWITCH, SM-SS POWER FUSES, 14.4KV PER ED-458R5-S5 |
| 2 | 3 | 86642R2 | SM-SS POWER FUSE HOLDER, 13.8KV |
| 20 | 1 | G-4900R2 | SIGN: CAUTION - HIGH VOLTAGE |
| 21 | 2 | G-4958R1 | SIGN: DANGER - HIGH VOLTAGE |
| 22 | 1 | G-4901R1 | WARNING SIGN |
| 23 | 2 | G-4608R1 | SIGN: SWITCH BLADES MAY BE ENERGIZED |
| 24 | 2 | G-4609R1 | SIGN: FUSES MAY BE ENERGIZED |
| 27 | 1 | G-5259 | UL LISTED BAY NUMBER NAMEPLATE |
| 30 | 1 | SA-40569-2 | MECHANICAL DOOR INTERLOCK |
| 40 | 1 | 4745 | CABLE CONNECTOR, #2-500 KG/MIL, FOR ALUMINUM BUS |
| 50 | 1 | CWA-5046-1 | 13.8KV 600A MAIN & GROUND BUS ASSEMBLY, ALUMINUM |
| 60 | 1 | C-1291 | TERMINAL BLOCK MOUNTING PLATE |
| 64 | 4 | CD-1720 | ANCHOR BRACKET |
| 66 | 1 | 8298-PNT102 | PADLOCKABLE HANDLE COVER FOR MINI-RUPTER |
| 68 | 1 | CVU-1707-3-PNT102 | FUTURE EXTENSION ASSEMBLY, 13.8KV |
| 77 | 2 | CA-871-5 | HEATER & GUARD, 240V, 500W |
| 86 | 1 | 5500-003 | SNAP LOCK CAPLUG |
| 100 | 6 | 0611-308 | AB CHANCE BALL GROUNDING STUD CAT #C800-2102 |
| 104 | 1 | CM-8809 | GROUND STUD MOUNTING BRACKET, ALUMINUM |
| 115 | 3 | S-87976 | TERMINAL ADAPTER FOR SM-SS, ALUMINUM |
| 120 | 3 | CWA-6012-4 | REVERSE CABLE ADAPTER - SM-SS |
| 150 | 1 | CMA-1149-17-PNT102 | DOOR ASSEMBLY, SNAPLOCK AND WINDOW 33-7/8" W X 82" H |
| 151 | 1 | CA-876-2 | SCREEN DOOR ASSEMBLY, A = 28-3/4", B = 56-3/8" |
| 152 | 1 | CA-876-38 | SCREEN DOOR ASSEMBLY, 28-3/4" W X 12-1/2" H |
| 156 | 4 | CA-1320 | VENT BACKING ASSEMBLY |
| 157 | 1 | C-9107 | FUSE STORAGE CONTAINER |
| 200 | 1 | AS SHOWN | STEEL ENCLOSURE LIGHT GRAY FINISH |
| 201 | 2 | CA-1269 | EYE BOLT ASSEMBLY, WELDED INTO ROOF |
| 206 | 1 | CWA-5071-33 | BASE ASSEMBLY, 42" WIDE X 44" DEEP |
| 236 | 2 | C-788 | MINI-RUPTER SUPPORT ANGLE, 42" WIDE BAY, WELDED INTO BAY |
| 301 | 1 | CMA-1422-4 | WIRE DUCT & COVER ASSEMBLY, 42" BAY - 3" X 6-1/2" |
| 602 | 2 | 1323-192 | 5/16-18 X 3/4 WELD STUD, WELDED INTO BAY |
| 603 | 4 | 0825-558 | 1/4-20 COLLARED WELD STUD, WELDED INTO BAY |
| 604 | 2 | 0825-190 | 1/4-20 X 3/4 WELD STUD, WELDED INTO BAY |

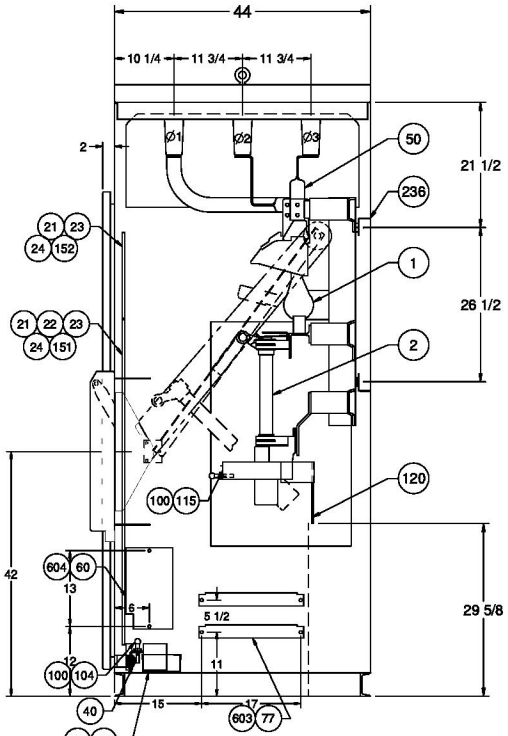
SEE NOTE 1



FRONT VIEW



SECTION A-A



OPEN SIDE VIEW

- OPTIONAL FEATURES IN THIS BAY:**
- A1 OUTDOOR CONSTRUCTION -PNT102; LIGHT GRAY FINISH
 - A11 PADLOCKABLE SWITCH HANDLE COVER
 - A32 FUTURE EXTENSION - RIGHT
 - A35 TERMINAL BLOCK MOUNTING PLATE
 - A38R GROUND CONNECTOR FOR ALUMINUM BUS
 - H6 A.B. CHANCE GROUND STUDS IN LEU OF S&C GROUND STUDS
 - VA5 LONG-LIFE HEATERS - 250W TOTAL OUTPUT

NOTES:

- DOOR CANNOT BE OPENED WHEN INTERRUPTER SWITCH IS CLOSED, AND INTERRUPTER SWITCH CANNOT BE CLOSED WHEN DOOR IS OPEN.
- THIS BAY HAS 240V HEATERS WIRED FOR USE WITH 115/120V SUPPLY. HEATER OUTPUT IS 250W PER BAY.

REVISIONS

| NO. | NOTICE NO. | DATE | REV BY | DESCRIPTION |
|-----|------------|-----------|--------|-----------------------------------|
| 000 | SCS94874 | 8/4/2017 | MC | INITIAL RELEASE. |
| 001 | SCS94924 | 8/17/2017 | DN | REVOLVED BUS DUCT AND MOVED BAY 1 |

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| | | | |
|---------------------|--------|------------------|--------------|
| DRAWING SIZE | C | DRAWN BY | MANNY CABAEL |
| SCALE | NONE | ORIGINATION DATE | 8/4/2017 |
| PROJECTION | UNITS | INCHES | |
| NEXT ASSEMBLY | | | |
| PRODUCT DESCRIPTION | CUSTOM | | |

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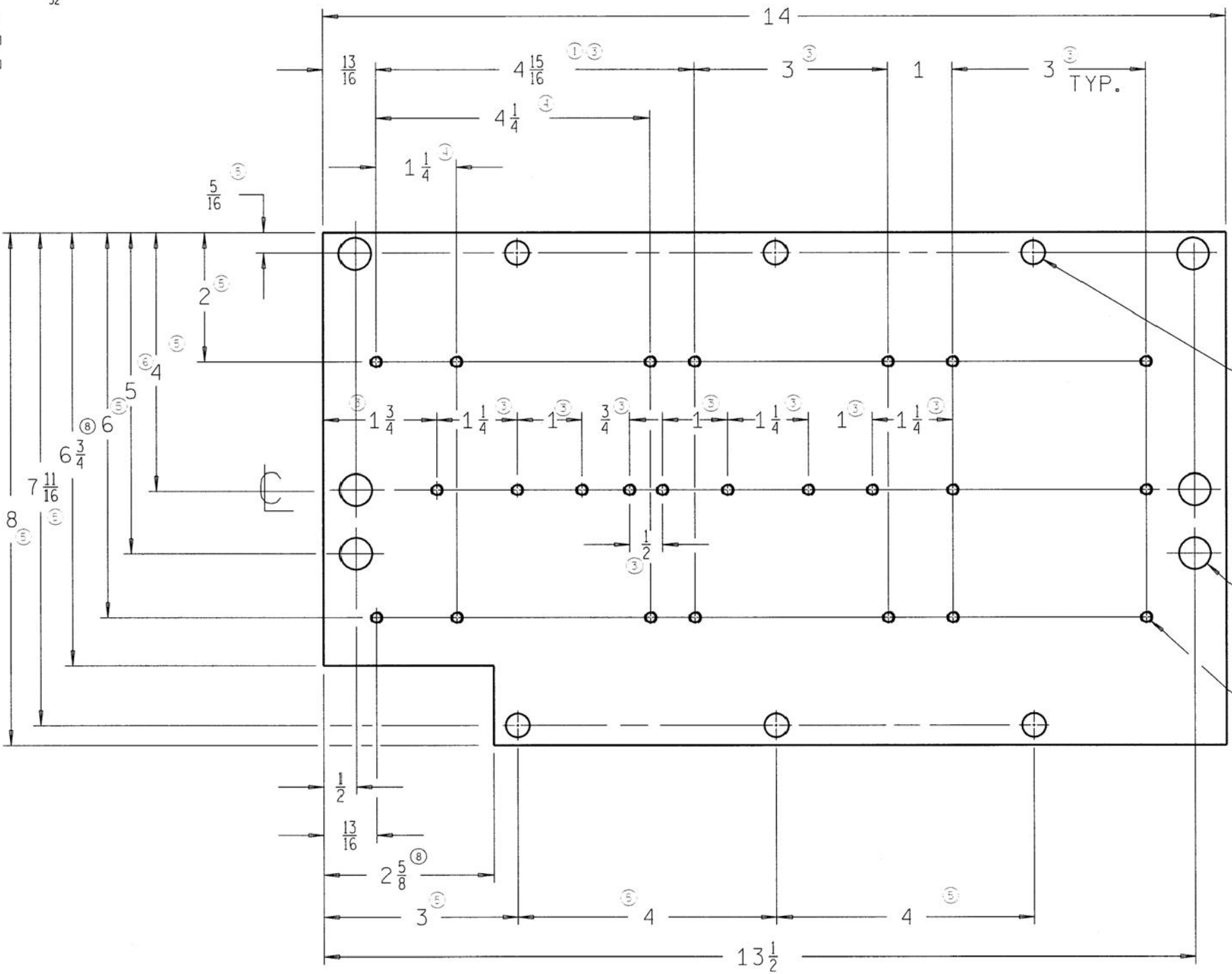
DESCRIPTION: **BAY 4**

MODULE: A-21451
OPTIONS: A1,A11,A32,A35,A38R,H6,VA5

SHEET 6 OF 6

DRAWING NO. **CDA-851662**

UNLESS OTHERWISE SPECIFIED: DECIMAL DIMS TO BE ±
 FRACTIONAL DIMS TO BE ± 1/32
 ANGLES TO BE ±
 WHEN CHECKED, BREAK ALL CORNERS ☐
 WHEN CHECKED, REMOVE ALL BURRS ☐



(6) 3/8 DIA. HOLES

(6) 1/2 DIA. HOLES

(24) DRILL NO. 21 THRU
 TAP # 10-32 UNF THRU

| | | |
|-------|----------|----|
| 78323 | 11-17-97 | 10 |
| 75387 | 10-2-92 | 9 |
| 73773 | 1-19-90 | 8 |

| | | |
|-------|----------|---|
| 73186 | 11-30-88 | 7 |
| 72680 | 3-10-88 | 6 |
| 72384 | 8-15-87 | 5 |
| 71367 | 5-15-85 | 4 |
| 70910 | 6-19-84 | 3 |
| 70182 | 11-11-82 | 2 |
| 69878 | 4-22-82 | 1 |

MATERIAL:
 S&C SPEC NO. 11 GA. (.119)
 DESCRIPTION: H.R.P. &O. SHEET STEEL

FINISH:
 S&C SPEC NO. INDOOR
 DESCRIPTION: LIGHT GRAY ANSI NO. 61

PROPRIETARY STATEMENT
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| | |
|-------------|---------------------|
| M. E. GEAR | SCALE 1: 1/2 |
| | DR. BY A. L. |
| | CH. BY <i>ACL</i> |
| | APP. BY A. J. K. |
| | DATE 8-15-87 |
| NEXT ASSEM. | PRODUCT DESCRIPTION |
| USED ON | |

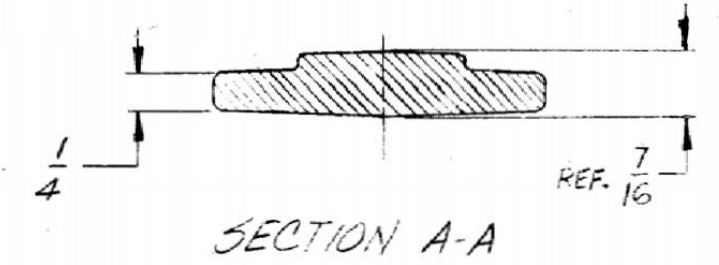
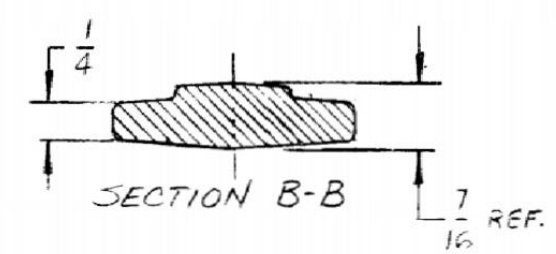
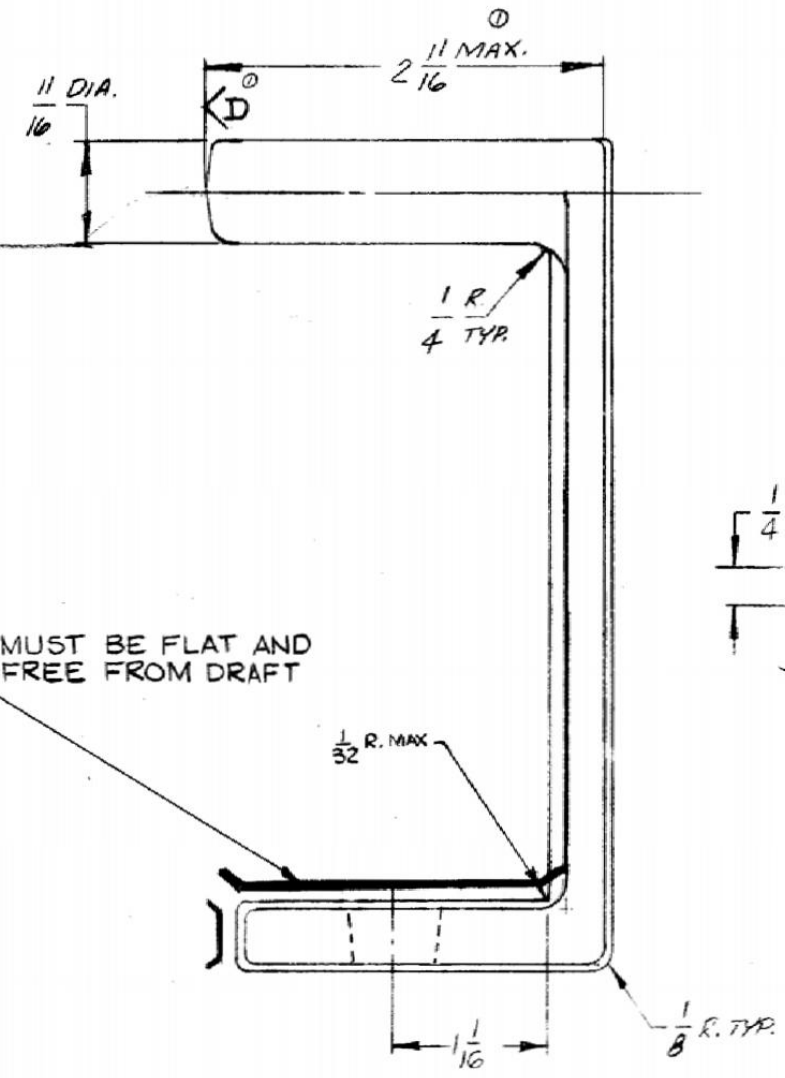
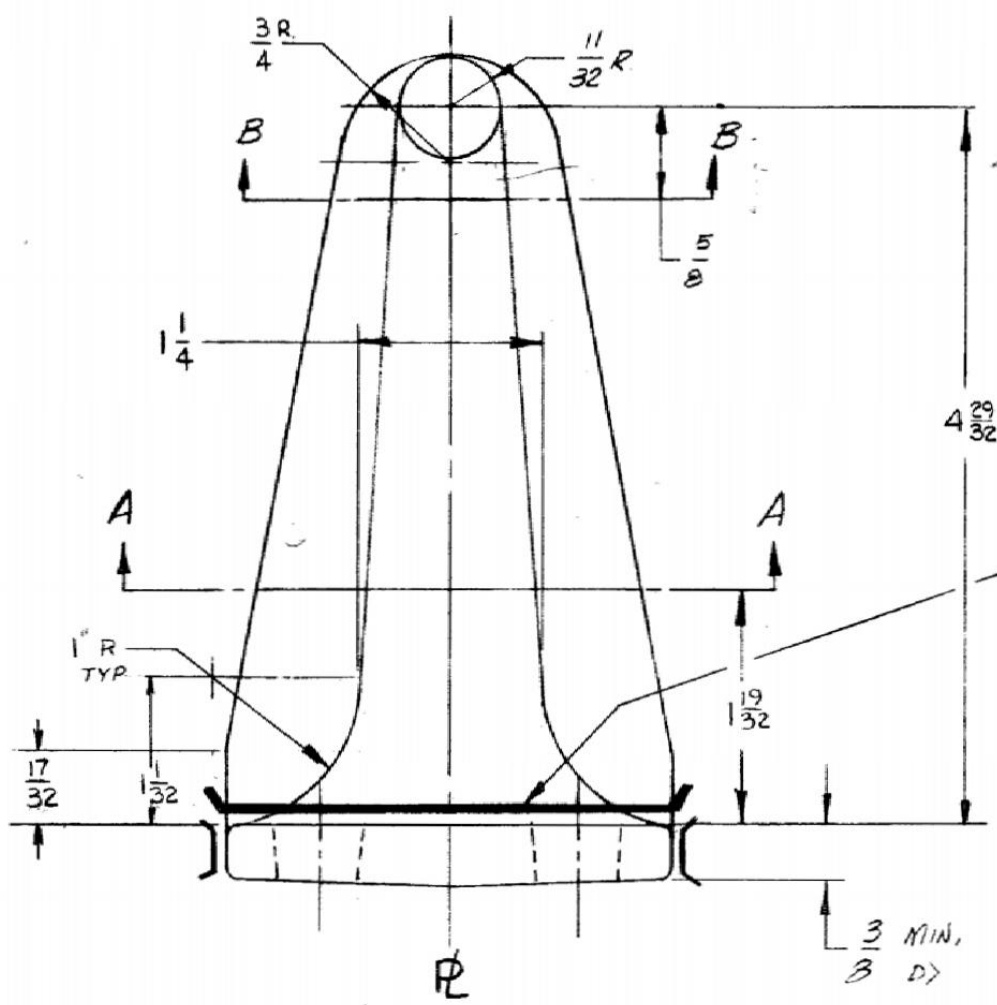
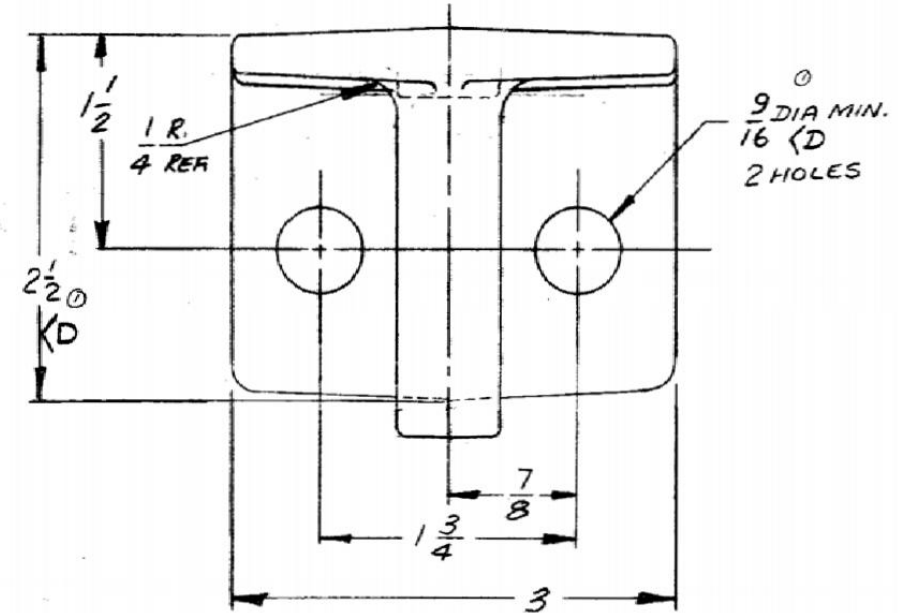
DRAWING NO. C-1291
 CAD

S&C ELECTRIC COMPANY
 GENERAL OFFICES • CHICAGO

*Specialists in High-Voltage
 Switching and Protection*

DESCRIPTION
 TERMINAL BLOCKS
 MOUNTING PLATE

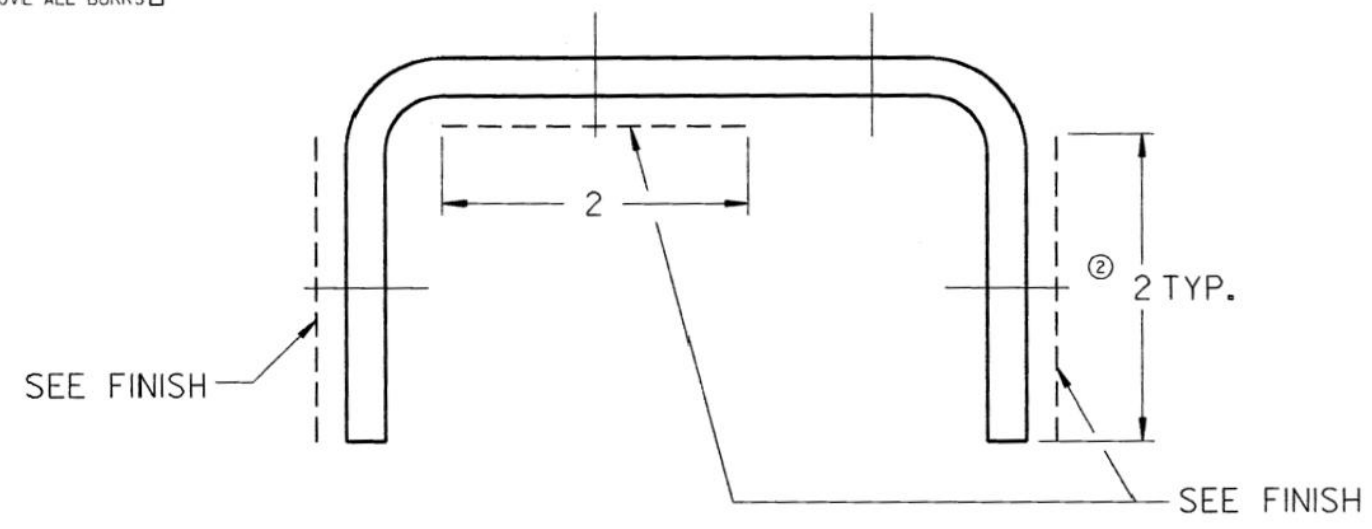
DRAWING NO. C-1291 CAD



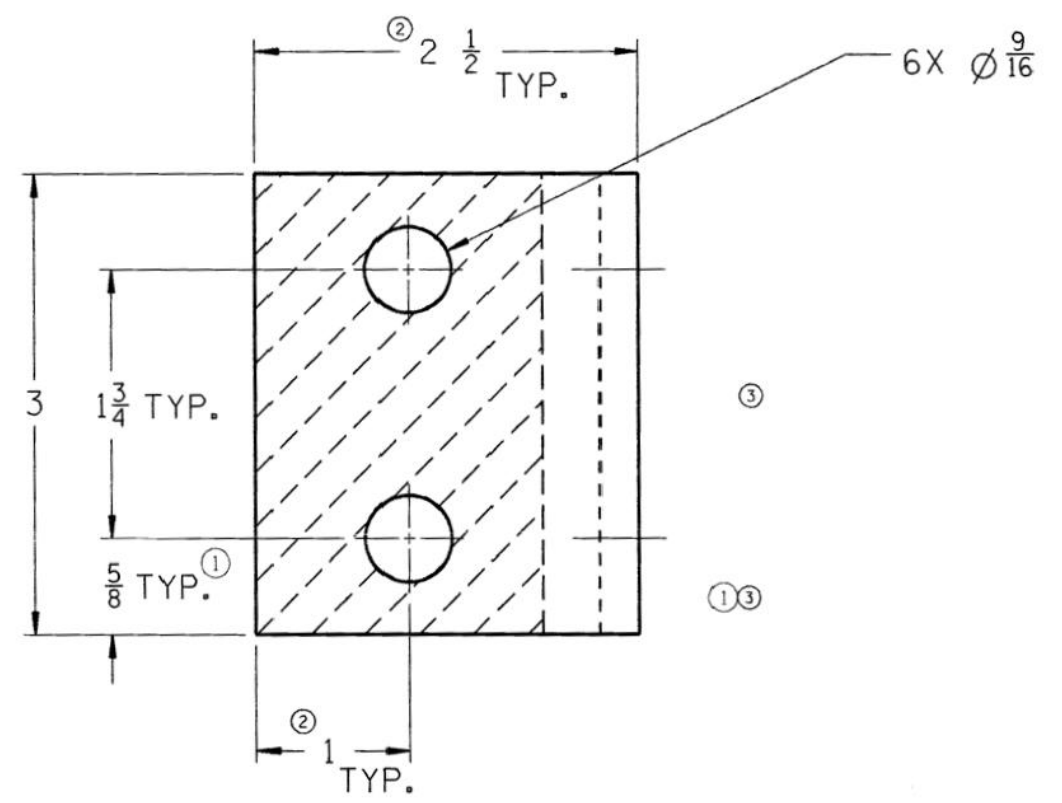
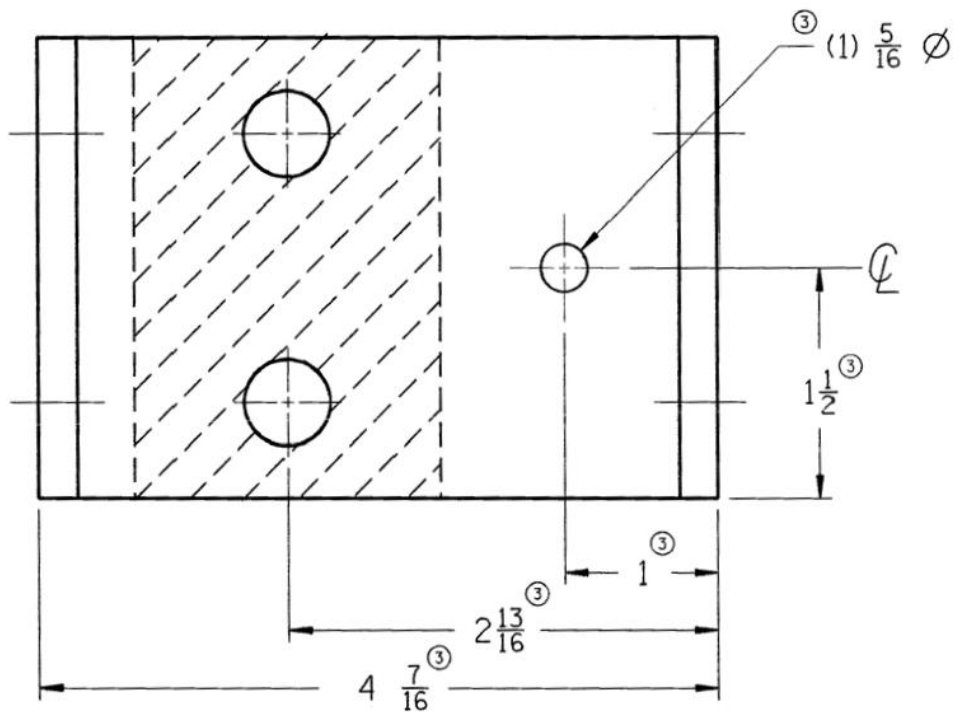
- PARTING LINE TOLERANCE $\frac{1}{32}$
 SHIFT TOLERANCE $\frac{1}{32}$
- ALL DRAFTS TO BE 3° FOR MOLD AND 3° FOR CORES.
 - DIMENSIONS SHOWN ARE MIN. ADD. MATERIAL FOR DRAFT, EXCEPT AS NOTED BY FOLLOWING SYMBOLS:
 $\langle D \rangle$ DEDUCT MATERIAL FOR DRAFT
 $\langle D \rangle$ ADD MATERIAL FOR DRAFT
 - ALL RADII EXCEPT AS NOTED TO BE $\frac{1}{8}$.
 - PART NUMBER TO APPEAR IN DEPRESSED FIGURES.
 - PLATE POSITION NUMBER TO APPEAR IN DEPRESSED FIGURES.
 _____ PATTERNS ON PLATE.
 - _____ INDICATES MACHINING LOCATION POSITION. NO GATES OR RISERS AT THESE POINTS.
 - CRITICAL DIMENSION SYMBOLS.
 [] CRITICAL FUNCTIONAL DIMENSION
 [] CRITICAL TOOLING DIMENSION
 - CAST SURFACE FINISHES TO BE AS FOLLOWS:
 $\frac{500}{\sqrt{R}}$ EXTERIOR
 $\frac{125}{\sqrt{R}}$ INTERIOR
 - THIS DRAWING IS MADE IN ACCORDANCE WITH USASI STANDARD DRAFTING PRACTICES PUBLICATION Y 14.5-1966 AND S&C SPECIFICATION BULLETIN DSP 100-1065 CASTING DESIGN.
 - CASTING WILL BE INSPECTED PER S&C SPECIFICATION BULLETIN ISP 100-3259 CASTING INSPECTION.
 - SHRINK CRACKS, HOT TEARS, COLD-SHUTS OR OTHER DEFECTS WHICH EFFECT THE STRUCTURAL SOUNDNESS OR APPEARANCE OF THE CASTING ARE NOT TO BE PERMITTED.
 - SURFACE DEFECTS OF _____ MAX. DIA. X _____ AND NOT MORE THAN _____ PER SQUARE INCH WILL BE ACCEPTABLE.
 - MATCH PLATE TO BE 1/2-INCH THICK MIN.

DRAWING NO.
 S-80004

UNLESS OTHERWISE SPECIFIED: DECIMAL DIMS TO BE ± 1/16
 FRACTIONAL DIMS TO BE ± 1/16
 ANGLES TO BE ±
 WHEN CHECKED, BREAK ALL CORNERS □
 WHEN CHECKED, REMOVE ALL BURRS □



ALL BEND RADII 3/8



② ANSI Y14.5M-1982
 SIMILAR TO C-8409

| REVISIONS | NO. | DATE | NOTICE NO. |
|-----------|-----|---------|------------|
| | 3 | 10-3-90 | |
| | 2 | 5-8-89 | |
| | 1 | 4-4-88 | |
| | 0 | 10-8-87 | |

MATERIAL:
 S&C SPEC NO. ①
 DESCRIPTION: 1/4 X 3ALUM. 6101 T63

FINISH:
 S&C SPEC NO.
 DESCRIPTION: PREPARE MINIMUM AREAS SHOWN PER DSP-1025

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| | |
|-------------|---------------------|
| CA-1660 | M. E. GEAR |
| CA-1661 ② | |
| NEXT ASSEM. | PRODUCT DESCRIPTION |
| USED ON | |

DRAWING NO. C-8388
 CAD

S&C ELECTRIC COMPANY
 GENERAL OFFICES • CHICAGO

DESCRIPTION (ALUMINUM)
CABLE TERMINAL ADAPTER
 FAULT FITER OVER M.R. SWITCH

Specialists in High-Voltage
 Switching and Protection

DRAWING NO. C-8388
 CAD

/usr2/veloctic/c8388.03p
 04-OCT-1990 14:00



Purchasing Division

ADDENDUM NO. 1

DATE: October 30, 2017
FROM: City of Grand Junction Purchasing Division
TO: All Offerors
RE: Persigo Electric Switch Gear Cabinets Replacement RFQ-4424-17-DH

Offerors responding to the above referenced solicitation are hereby instructed that the requirements have been clarified, modified, superseded and supplemented as to this date as hereinafter described.

Please make note of the following clarifications:

1. The new cable to be installed from Xcel Energy's meter to Bay 1 shall be standard 1/0 Al 15kV cable or approved equal. The City will accept either concentric cable or tape shield cable. 1/0 Copper cable that is equivalent to or better than the Aluminum 15kV cable will be accepted.
2. Quantities of 4" dia. conduit and cable have been reduced. Only two conduits need to be installed between Xcel's meter and Bay 1. The total length of conduit and cable to be installed is estimated at about 40 lineal feet (+/-).
3. The Contractor is responsible for providing Stainless Steel concrete anchor bolts to secure the cabinets to the concrete pad. Bolt size shall be 5/8" dia. x 6" S.S. Expansion Anchor Bolts. A minimum of four anchor bolts shall be installed per bay for Bays 1, 3, and 4. The existing anchor bolts for Bay 3 and 4 can be reused as long as the bolts are in good shape, not damaged during removal, and tightly secured to the concrete pad.
4. The Contractor shall include in their quote the replacement of the existing end terminations in Bay 3 and 4. The existing terminations are 35 years old. It was decided during the site visit that replacing these end terminations would be in the best interest of the project. The Contractor shall replace the end terminations with new terminations that are equal to or better than the current end terminations. A total of six (6) end terminations are needed.
5. S&C Electric Company is not required to be on-site during the installation of the cabinets to certify torques and the installation. S&C's absence from installation will not void the S&C warranty.
6. At the time of issuing Addendum #1, the City had not received an answer from S&C Electric Company as to if the reverse cable adapter (item #120 in the submittal drawings) in Bays 3 and 4 can be unbolted from its current location and attached to the side of the fuse holder as was discussed during the site visit. For bidding purposes, please include in your total price the removal of the

reverse cable adapter from its current location and reattaching the cable adapter to the side of the fuse holder.

The original solicitation for the project noted above is amended as noted.

All other conditions of subject remain the same.

Respectfully,

A handwritten signature in black ink, appearing to read "Duane Hoff Jr.", written over a yellow rectangular highlight.

Duane Hoff Jr., Senior Buyer
City of Grand Junction, Colorado



Purchasing Division

ADDENDUM NO. 2

DATE: October 30, 2017
FROM: City of Grand Junction Purchasing Division
TO: All Offerors
RE: Persigo Electric Switch Gear Cabinets Replacement RFQ-4424-17-DH

Offerors responding to the above referenced solicitation are hereby instructed that the requirements have been clarified, modified, superseded and supplemented as to this date as hereinafter described.

Please make note of the following clarifications:

1. Delete Item #4 from Addendum #1. The project shall use the existing terminations for connecting to the new switch gear cabinets.
2. Item #6 from Addendum #1 remains unchanged. For bidding purposes, please include in your total price the removal of the reverse cable adapter from its current location and reattaching the cable adapter to the side of the fuse holder.

The original solicitation for the project noted above is amended as noted.

All other conditions of subject remain the same.

Respectfully,

A handwritten signature in black ink, appearing to read "Duane Hoff Jr.", written over a yellow highlighter mark.

Duane Hoff Jr., Senior Buyer
City of Grand Junction, Colorado



Proposal

Date: 11/2/17

To:

City Of Grand Junction
250 North 5th Street
Grand Junction, CO. 81501

RE:

RFQ-4424-17-DH
Persigo Electric Switch Gear Cabinets
Replacement

Attention: Duane Hoff Jr.

Architect: City Of Grand Junction

Phone #: 970-244-1545

Plans Dated: Includes Addendums 1 and 2

Email: duaneh@gjcity.org

We hereby submit clarifications and estimates for:

The removal of existing medium voltage switch cabinets and install of new medium voltage switch cabinets located at the Persigo Waste Water Treatment Plant (2145 River Road, Grand Junction, CO.)

INCLUSIONS:

- 1) Install (2) new 4" PVC conduits from the Xcel Energy meter cabinet vault to new switch gear location. EC shall provide all trenching, back fill and compaction (Approximately 20'). All PVC conduit, elbows, and fittings shall be supplied by the customer and shall be on site.
- 2) Supply and install (1) 3-phase run of 1/0 awg. MV wire in one of the new 4" conduits. Provide all MV terminations at each end of cable run (Total of six terminations). Install all grounding and bonding required for the new concrete pad and for new switch gear.
- 3) Demo existing switch gear and install new customer supplied switch gear. Existing switch gear shall be removed from the site by others. EC shall reuse all existing MV terminations inside bays 3 and 4.
- 4) Install new customer supplied MV switch gear, EC shall provide means of transport for the new switch gear. EC shall install all new sections of switch gear on existing pad per manufactures instructions and guidelines.
- 5) Coordination between Xcel Energy and Persigo for all shut downs and outages.

EXCLUSIONS:

- 1) Any work other than stated above.
- 2) PVC conduit, elbows and fittings.
- 3) Concrete pads and vaults.
- 4) Disposal of old MV switch gear.
- 5) Any other MV cabling and or terminations, EC assumes all other cabling and terminations are in good condition and can be reused.
- 6) Landscaping, irrigation repair and or improvements.

We propose hereby to furnish material and labor - in accordance with the above specifications, for the sum of:

Nine Thousand Nine Hundred Ninety-Four----- Dollars \$ 9,994.00

Signature: Matt L. Benton

Note: This Proposal may be
Withdrawn if not accepted within 30 Days.

By signing this proposal/contract and/or accepting materials and labor relevant to the work described , customer accepts these terms:

- 1) Payment for said materials and/ or labor is due upon completion or delivery of same, or when requested by E C Electric, Inc.
- 2) Quoted prices are subject to known conditions, and any cost increases beyond our control may affect final prices.
- 3) A finance charge of 1 1/2 % per month (18% APR) will be added to any account not paid within 30 days of request.
- 4) All costs incurred while collecting past due accounts, including reasonable legal and attorney's fees, will be charged to that account.

ACCEPTANCE OF PROPOSAL: The above prices, specifications and conditions are satisfactory and hereby accepted.
You are authorized to do the work as specified. Payment will be made as outlined above.

Signature _____ Date _____

exclusion for bodily injury or property damage arising from completed operations. The Bidder shall be solely responsible for any deductible losses under any policy required above.

The attached form must be used for your response. Failure to comply may result in your disqualification for this procurement.

RFQ-4424-17-DH

PERSIGO ELECTRIC SWITCH GEAR CABINETS INSTALLATION

| DESCRIPTION | TOTAL PRICE |
|---|-------------------------|
| To install switch gear cabinets and equipment at Persigo WWTP, per scope of work. | \$ 9,994. ⁰⁰ |

Nine Thousand Nine Hundred Ninety-four And ⁰⁰/₁₀₀ ——— DOLLARS
Written Total Price

- City of Grand Junction payment terms shall be Net 30 days.
- The undersigned certifies that no Federal, State, County or Municipal tax will be added to the above quoted prices.


EC Electric Inc.
(Company Name - Typed or Printed)

970-241-3302
(Phone Number)

2535 W. Pinyon Ave
(Address)

Matt Benton
(Authorized Dealer Agent - Typed or Printed)

Grand Junction, CO. 81505
(City, State, and Zip Code)


(Authorized Agent Signature)

mbenton@EC-Electric.com
(Email Address of Agent or Sales Contact)

11-2-17
(Date)



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
11/14/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

| | |
|--|--|
| PRODUCER License # 0757776 HUB International Insurance Services (COL) 2742 Crossroads Blvd Grand Junction, CO 81506 | CONTACT NAME: Ashley Anderson PHONE (A/C, No, Ext): (970) 254-3302 FAX (A/C, No): (866) 908-6374 E-MAIL ADDRESS: ashley.anderson@hubinternational.com |
| | INSURER(S) AFFORDING COVERAGE |
| | INSURER A : Employers Mutual Casualty Company |
| | INSURER B : Pinnacol Assurance Company |
| | INSURER C : |
| | INSURER D : |
| | INSURER E : |
| | INSURER F : |
| INSURED EC Electric, Inc. 2535 W Pinyon Ave Grand Junction, CO 81505 | NAIC # 21415 41190 |

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| INSR LTR | TYPE OF INSURANCE | ADDL INSD | SUBR WVD | POLICY NUMBER | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS |
|----------|---|-----------|----------|---------------|-------------------------|-------------------------|--|
| A | COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER: | X | X | 4X2601718 | 04/01/2017 | 04/01/2018 | EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$ |
| A | AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY | X | X | 4X2601718 | 04/01/2017 | 04/01/2018 | COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$ |
| A | UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000 | | | 4X2601718 | 04/01/2017 | 04/01/2018 | EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$ |
| B | WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y/N If yes, describe under DESCRIPTION OF OPERATIONS below | | X | 4113799 | 04/01/2017 | 04/01/2018 | <input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000 |

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Project: RFQ-4424-17-DH Persigo Electric Switch Gear Cabinets.
City of Grand Junction is included as additional insured under General Liability.

CERTIFICATE HOLDER

| | |
|--|--|
| City of Grand Junction Purchasing Division 250 N. 5th Street Second Floor, Room # 245 Grand Junction, CO 81501 | CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE |
|--|--|

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

GENERAL LIABILITY ELITE EXTENSION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE FORM

The COMMERCIAL GENERAL LIABILITY COVERAGE FORM is amended to include the following clarifications and extensions of coverage. The provisions of the Coverage Form apply unless modified by endorsement.

A. EXPECTED OR INTENDED INJURY

Section I – Coverage A, Exclusion **a.** is amended as follows:

- a. “Bodily injury” or “property damage” expected or intended from the standpoint of an insured. This exclusion does not apply to “bodily injury” or “property damage” resulting from the use of reasonable force to protect persons or property.

B. NON-OWNED WATERCRAFT

Section I – Coverage A, Exclusion **g.(2)** is amended as follows:

- (2) A watercraft you do not own that is:
 - (a) Less than 60 feet long; and
 - (b) Not being used to carry person(s) or property for a charge;

C. EXTENDED PROPERTY DAMAGE COVERAGE

Section I – Coverage A, Exclusions **j.(3)** and **(4)** is amended to add the following:

Paragraphs **(3)** and **(4)** of this exclusion do not apply to tools or equipment loaned to you, provided they are not being used to perform operations at the time of loss.

| SCHEDULE | |
|----------------------------|-------------------|
| Limits Of Insurance | Deductible |
| \$5,000 Each Occurrence | \$250 Per Claim |
| \$10,000 Annual Aggregate | |

- a. The each occurrence limit listed above is the most we will pay for all damages because of “property damage” to property in the care, custody and control of or property loaned to an insured as the result of any one “occurrence”, regardless of the number of:
 - (1) insureds;
 - (2) claims made or “suits” brought;
 - (3) persons or organizations making claims or bringing “suits”.

The aggregate limit listed above is the most we will pay for all damages because of “property damage” to property in the care custody and control of or property loaned to an insured during the policy period.

Any payment we make for damages because of “property damage” to property in the care, custody and control of or property loaned to an insured will apply against the General Aggregate Limit shown in the declarations.

- b. Our obligation to pay damages on your behalf applies only to the amount of damages in excess of the deductible amount listed above. We may pay any part or all of the deductible amount listed above. We may pay any part or all of the deductible amount to effect settlement of any claim or “suit” and upon notification by us, you will promptly reimburse us for that part of the deductible we paid.
- c. If two or more coverages apply under one “occurrence”, only the highest per claim deductible applicable to these coverages will apply.
- d. Insurance provided by this provision is excess over any other insurance, whether primary, excess, contingent or any other basis. Since insurance provided by this endorsement is excess, we will have no duty to defend any claim or “suit” to which insurance provided by this endorsement applies if any other insurer has a duty to defend such a claim or “suit”. If no other insurer defends, we will undertake to do so, but we will be entitled to the insured’s rights against all those other insurers.

D. PROPERTY DAMAGE – ELEVATORS

Section I – Coverage A.2. Exclusions paragraphs **j.(3)**, **j.(4)**, **j.(6)** and **k.** do not apply to use of elevators. This insurance afforded by this provision is excess over any valid and collectible property insurance (including any deductible) available to the insured and **Section IV – Commercial General Liability Conditions** paragraph **4. Other Insurance** is changed accordingly.

E. FIRE, LIGHTNING OR EXPLOSION DAMAGE

Except where it is used in the term "hostile fire", the word fire includes fire, lightning or explosion wherever it appears in the Coverage Form.

Under **Section I – Coverage A**, the last paragraph (after the exclusions) is replaced with the following:

Exclusions **c.** through **n.** do not apply to damage by fire, smoke or leakage from automatic fire protection systems to premises while rented to you or temporarily occupied by you with permission of the owner. A separate limit of insurance applies to this coverage as described in **Section III – Limits of Insurance**.

F. MEDICAL PAYMENTS

If **Section I – Coverage C. Medical Payments Coverage** is not otherwise excluded from this Coverage Form:

The requirement, in the Insuring Agreement of Coverage **C.**, that expenses must be incurred and reported to us within **one year** of the accident date is changed to **three years**.

G. SUPPLEMENTARY PAYMENTS

Supplementary Payments – Coverages A and B paragraphs **1.b.** and **1.d.** are replaced by the following:

1.b. Up to \$5,000 for cost of bail bonds required because of accidents or traffic law violations arising out of the use of any vehicle to which the Bodily Injury Liability Coverage applies. We do not have to furnish these bonds.

1.d. All reasonable expenses incurred by the insured at our request to assist us in the investigation or defense of the claim or "suit", including actual loss of earnings up to \$500 a day because of time off from work.

H. SUBSIDIARIES AS INSURED

Section II – Who Is An Insured is amended to add the following:

1.f. Any legally incorporated subsidiary in which you own more than 50% of the voting stock on the effective date of this policy. However, insured does not include any subsidiary that is an insured under any other general liability policy, or would have been an insured under such a policy but for termination of that policy or the exhaustion of that policy's limits of liability.

I. BLANKET ADDITIONAL INSURED – AS REQUIRED BY CONTRACT

1. Section II – Who Is An Insured is amended to include as an additional insured any person(s) or organization(s) subject to provisions in Paragraph **2.** below, (hereinafter referred to as additional insured) when you and such person(s) or organization(s) have agreed in a written contract or written agreement that such person(s) or organization(s) be added as an additional insured on your policy provided that the written contract or agreement is:

- a. Currently in effect or becomes effective during the policy period; and
- b. Executed prior to an "occurrence" or offense to which this insurance would apply.

However, the insurance afforded to such additional insured:

- a. Only applies to the extent permitted by law; and
- b. Will not be broader than that which you are required by the contract or agreement to provide for such additional insured; and
- c. Applies only if the person or organization is not specifically named as an additional insured under any other provision of, or endorsement added to, **Section II – Who Is An Insured** of this policy.

2. As provided herein, the insurance coverage provided to such additional insureds is limited to:

- a. Any Controlling Interest, but only with respect to their liability arising out of their financial control of you; or premises they own, maintain, or control while you lease or occupy these premises.

This insurance does not apply to structural alterations, new construction and demolition operations performed by or for that person or organization.

- b. Any architect, engineer, or surveyor engaged by you but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by your acts or omissions or the acts or omissions of those acting on your behalf:

- (1) In connection with your premises; or
- (2) In the performance of your ongoing operations.

With respect to the insurance afforded to these additional insureds, the following additional exclusion applies:

This insurance does not apply to "bodily injury", "property damage" or "personal and advertising injury" arising out of the rendering of or the failure to render any professional services by or for you, including:

- (1) The preparing, approving, or failing to prepare or approve, maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications; or
- (2) Supervisory, inspection, architectural or engineering activities.

This exclusion applies even if the claims against any insured allege negligence or other wrongdoing in the supervision, hiring, employment, training or monitoring of others by that insured, if the "occurrence" which caused the "bodily injury" or "property damage", or the offense which caused the "personal and advertising injury", involved the rendering of or the failure to render any professional services by or for you.

- c. Any manager or lessor of a premises leased to you, but only with respect to liability arising out of the ownership, maintenance or use of that part of a premises leased to you, subject to the following additional exclusions:

This insurance does not apply to:

- (1) Any "occurrence" which takes place after you cease to be a tenant in that premises.
- (2) Structural alterations, new construction or demolition operations performed by or on behalf of such additional insured.

- d. Any state or governmental agency or subdivision or political subdivision, subject to the following:

- (1) This insurance applies only with respect to the following hazards for which any state or governmental agency or subdivision or political subdivision has issued a permit or authorization in connection with premises you own, rent or control and to which this insurance applies:

- (a) The existence, maintenance, repair, construction, erection or removal of advertising signs, awnings, canopies, cellar entrances, coal holes, driveways, manholes, marquees, hoist away openings, sidewalk vaults, street banners or decorations and similar exposures; or
- (b) The construction, erection or removal of elevators; or
- (c) The ownership, maintenance or use of any elevators covered by this insurance.

- (2) This insurance applies only with respect to operations performed by you or on your behalf for which any state or governmental agency or subdivision or political subdivision has issued a permit or authorization.

This insurance does not apply to:

- (a) "Bodily injury", "property damage" or "personal and advertising injury" arising out of operations performed for the federal government, state or municipality; or
- (b) "Bodily injury" or "property damage" included within the "products-completed operations hazard".

- e. Any vendor, but only with respect to "bodily injury" or "property damage" arising out of "your products" which are distributed or sold in the regular course of the vendor's business.

With respect to the insurance afforded to these vendors, the following additional exclusions apply:

- (1) The insurance afforded any vendor does not apply to:

- (a) "Bodily injury" or "property damage" for which any vendor is obligated to pay damages by reason of the assumption of liability in a contract or agreement. This exclusion does not apply to liability for damages that any vendor would have in the absence of the contract or agreement;
- (b) Any express warranty unauthorized by you;
- (c) Any physical or chemical change in the product made intentionally by any vendor;
- (d) Repackaging, except when unpacked solely for the purpose of inspection, demonstration, testing, or the substitution of parts under instructions from the manufacturer, and then repackaged in the original container;
- (e) Any failure to make such inspections, adjustments, tests or servicing as any vendor has agreed to make or normally undertakes to make in the usual course of business, in connection with the distribution or sale of the products;
- (f) Demonstration, installation, servicing or repair operations, except such operations performed at any vendor's premises in connection with the sale of the product;
- (g) Products which, after distribution or sale by you, have been labeled or relabeled or used as a container, part or ingredient of any other thing or substance by or for any vendor; or

(h) "Bodily injury" or "property damage" arising out of the sole negligence of any vendor for its own acts or omissions or those of its employees or anyone else acting on its behalf. However, this exclusion does not apply to:

(i) The exceptions contained in Subparagraphs **(d)** or **(f)**; or

(ii) Such inspections, adjustments, tests or servicing as any vendor has agreed to make or normally undertakes to make in the usual course of business, in connection with the distribution or sale of the products.

(2) This insurance does not apply to any insured person or organization, from whom you have acquired such products, or any ingredient, part or container, entering into, accompanying or containing such products.

f. Any Mortgagee, Assignee Or Receiver, but only with respect to their liability as mortgagee, assignee, or receiver and arising out of the ownership, maintenance, or use of the premises by you.

This insurance does not apply to structural alterations, new construction and demolition operations performed by or for that person or organization.

g. Any Owners Or Other Interests From Whom Land Has Been Leased, but only with respect to liability arising out of the ownership, maintenance or use of that part of the land leased to you.

With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

(1) This insurance does not apply to:

(a) Any "occurrence" which takes place after you cease to lease that land;

(b) Structural alterations, new construction or demolition operations performed by or on behalf of such additional insured.

h. Any person or organization from whom you lease equipment, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part by your maintenance, operation or use of equipment leased to you by such person(s) or organization(s).

A person's or organization's status as an additional insured under this endorsement ends when their contract or agreement with you for such leased equipment ends.

With respect to the insurance afforded to these additional insureds, this insurance does not apply to any "occurrence" which takes place after the equipment lease expires.

i. Any Owners, Lessees, or Contractors for whom you are performing operations, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

(1) Your acts or omissions; or

(2) The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured.

A person's or organization's status as an additional insured under this endorsement ends when your operations for that additional insured are completed.

With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to:

(1) "Bodily injury", "property damage" or "personal and advertising injury" arising out of the rendering of, or the failure to render, any professional architectural, engineering or surveying services, including:

(a) The preparing, approving, or failing to prepare or approve, maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications; or

(b) Supervisory, inspection, architectural or engineering activities.

This exclusion applies even if the claims against any insured allege negligence or other wrongdoing in the supervision, hiring, employment, training or monitoring of others by that insured, if the "occurrence" which caused the "bodily injury" or "property damage", or the offense which caused the "personal and advertising injury", involved the rendering of or the failure to render any professional architectural, engineering or surveying services.

(2) "Bodily injury" or "property damage" occurring after:

- (a) All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
 - (b) That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.
- j. Any Grantor of Licenses to you, but only with respect to their liability as grantor of licenses to you.
Their status as additional insured under this endorsement ends when:
- 1. The license granted to you by such person(s) or organization(s) expires; or
 - 2. Your license is terminated or revoked by such person(s) or organization(s) prior to expiration of the license as stipulated by the contract or agreement.
- k. Any Grantor of Franchise, but only with respect to their liability as grantor of a franchise to you.
- l. Any Co-owner of Insured Premises, but only with respect to their liability as co-owner of any insured premises.
- m. Any Concessionaires Trading Under Your Name, but only with respect to their liability as a concessionaire trading under your name.
3. Any insurance provided to any additional insured does not apply to "bodily injury", "property damage" or "personal and advertising injury" arising out of the sole negligence or willful misconduct of the additional insured or its agents, "employees" or any other representative of the additional insured.
4. With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits of Insurance**:
If coverage provided to any additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:
- a. Required by the contract or agreement; or
 - b. Available under the applicable Limits of Insurance shown in the Declarations;
- whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.

J. COVERAGE FOR INJURY TO CO-EMPLOYEES AND/OR YOUR OTHER VOLUNTEER WORKERS

Section II – Who is an Insured, paragraph 2.a. (1) is amended to add the following:

- e. Paragraphs (a), (b), and (c) do not apply to your "employees" or "volunteer workers" with respect to "bodily injury" to a co-"employee" or other "volunteer worker".

Damages owed to an injured co-"employee" or "volunteer worker" will be reduced by any amount paid or available to the injured co-"employee" or "volunteer worker" under any other valid and collectible insurance.

K. HEALTH CARE SERVICE PROFESSIONALS AS INSUREDS - INCIDENTAL MALPRACTICE

Section II – Who is an Insured, paragraph 2.a. (1) (d) is amended as follows:

This provision does not apply to Nurses, Emergency Medical Technicians, or Paramedics who provide professional health care services on your behalf.

However this exception does not apply if you are in the business or occupation of providing any such professional services.

L. NEWLY FORMED OR ACQUIRED ORGANIZATIONS

Section II – Who Is An Insured, paragraph 3.a. is replaced by the following:

- 3.a. Coverage under this provision is afforded until the end of the policy period.

This provision does not apply if newly formed or acquired organizations coverage is excluded either by the provisions of the Coverage Form or by endorsements.

M. DAMAGE TO PREMISES RENTED TO YOU

Section III – Limits of Insurance, paragraph 6. is replaced by the following:

Subject to 5.a. above, the Damage To Premises Rented To You Limit, or \$500,000, whichever is higher, is the most we will pay under Coverage A for damages because of "property damage" to any one premises, while rented to you, or in the case of damage by fire, smoke or leakage from automatic protection systems, while rented to you or temporarily occupied by you with permission of the owner.

N. MEDICAL PAYMENTS – INCREASED LIMITS

Section III – Limits of Insurance, paragraph 7. is replaced by the following:

- 7. Subject to paragraph 5. above, the Medical Expense Limit is the most we will pay under Coverage C for all medical expenses because of "bodily injury" sustained by any one person, and will be the higher of:

- (a) \$10,000; or

- (b) The amount shown on the Declarations of this Coverage Part for Medical Expense Limit.

O. DUTIES IN THE EVENT OF OCCURRENCE, OFFENSE, CLAIM OR SUIT

Section IV – Commercial General Liability Conditions paragraph 2. is amended to add the following:

- e. The requirement in Condition 2.a. that you must see to it that we are notified as soon as practicable of an “occurrence” or an offense which may result in a claim, applies only when the “occurrence” or offense is known to:
 - (1) You, if you are an individual or a limited liability company;
 - (2) A partner, if you are a partnership;
 - (3) A member or manager, if you are a limited liability company;
 - (4) An “executive officer” or insurance manager, if you are a corporation; or
 - (5) A trustee, if you are a trust.
- f. The requirement in Condition 2.b. that you must see to it that we receive notice of a claim or “suit” as soon as practicable will not be considered breached unless the breach occurs after such claim or “suit” is known to:
 - (1) You, if you are an individual or a limited liability company;
 - (2) A partner, if you are a partnership;
 - (3) A member or manager, if you are a limited liability company;
 - (4) An “executive officer” or insurance manager, if you are a corporation; or
 - (5) A trustee, if you are a trust.

P. PRIMARY AND NONCONTRIBUTORY – ADDITIONAL INSURED EXTENSION

Section IV – Commercial General Liability Conditions paragraph 4. **Other Insurance** is amended to add the following:

This insurance is primary to and will not seek contribution from any other insurance available to an additional insured under your policy provided that:

- (1) The additional insured is a Named Insured under such other insurance; and
- (2) You have agreed in writing in a contract or agreement that this insurance would be primary and would not seek contribution from any other insurance available to the additional insured. However, if the additional insured has been added as an additional insured on other policies, whether primary, excess, contingent or on any other basis, this insurance is excess over any other insurance regardless of the written agreement between you and an additional insured.

Q. UNINTENTIONAL FAILURE TO DISCLOSE EXPOSURES

Section IV – Commercial General Liability Conditions paragraph 6. **Representations** is amended to add the following:

If you unintentionally fail to disclose any exposures existing at the inception date of your policy, we will not deny coverage under the Coverage Form solely because of such failure to disclose. However, this provision does not affect our right to collect additional premium or exercise our right of cancellation or non-renewal.

This provision does not apply to any known injury or damage which is excluded under any other provision of this policy.

R. WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US

Section IV – Commercial General Liability Condition paragraph 8. **Transfer Of Rights Of Recovery Against Others To Us** is amended to add the following:

We waive any right of recovery we may have against any person or organization against whom you have agreed to waive such right of recovery in a written contract or agreement because of payments we make for injury or damage arising out of your ongoing operations or “your work” done under a contract with that person or organization and included in the “products completed operations hazard”.

S. MENTAL ANGUISH

Section V – Definition 3. is replaced by the following:

“Bodily injury” means bodily injury, sickness or disease sustained by a person, including mental anguish or death resulting from bodily injury, sickness or disease.

T. LIBERALIZATION

If we revise this endorsement to provide greater coverage without additional premium charge, we will automatically provide the additional coverage to all endorsement holders as of the day the revision is effective in your state.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS –
AUTOMATIC STATUS WHEN REQUIRED IN CONSTRUCTION CONTRACT OR
AGREEMENT INCLUDING COMPLETED OPERATIONS – PRIMARY AND
NONCONTRIBUTORY**

This endorsement modifies the insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE FORM

A. Section II – Who Is An Insured is amended to include as an additional insured:

1. Any person or organization for whom you are performing operations when you and such person or organization have agreed in writing in a contract or agreement that such person or organization be added as an additional insured on your policy; and
2. Any other person or organization you are required to add as an additional insured under the contract or agreement described in Paragraph 1. above.

Such person(s) or organization(s) is an additional insured only with respect to liability for “bodily injury”, “property damage” or “personal and advertising injury” caused, in whole or in part, by:

- a. Your acts or omissions; or
- b. The acts or omissions of those acting on your behalf;

in the performance of:

- a. your ongoing operations for the additional insured; or
- b. “Your work” for the additional insured and included in the “products – completed operations hazard”.

However, the insurance afforded to such additional insured described above:

- a. Only applies to the extent permitted by law; and
- b. Will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusion applies:

This insurance does not apply to “bodily injury,” “property damage” and “personal and advertising injury” arising out of the rendering of, or the failure to render, any professional architectural, engineering or surveying services including:

- a. The preparing, approving, or failing to prepare or approve maps, shop drawings, opinions, reports,

surveys, field orders, change orders or drawings and specifications; or

- b. Supervisory, inspection, architectural or engineering activities.

This exclusion applies even if the claims against any insured allege negligence or other wrongdoing in the supervision, hiring, employment, training or monitoring of others by the insured, if the “occurrence” which caused the “bodily injury” or “property damage”, or the offense which caused the “personal and advertising injury”, involved the rendering of, or the failure to render, any professional architectural, engineering or surveying services.

C. With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits Of Insurance:**

The most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement described in Paragraph A.1.; or
2. Available under the applicable Limits of Insurance shown in the Declarations;

whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.

D. The following is added to the **Other Insurance** Condition and supersedes any provision to the contrary:

Primary and Noncontributory Insurance

This insurance is primary to and will not seek contribution from any other insurance available to an additional insured under your policy provided that:

- (1) The additional insured is a Named Insured under such other insurance; and
- (2) You have agreed in writing in a contract or agreement that this insurance would be primary and would not seek contribution from any other insurance available to the additional insured.

E. All other terms and conditions of this policy remain unchanged.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

AMENDMENT — AGGREGATE LIMITS OF INSURANCE (PER PROJECT)

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

The General Aggregate Limit under LIMITS OF INSURANCE (Section III) applies separately to each of your projects away from premises owned by or rented to you.

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

COMMERCIAL AUTO ELITE EXTENSION

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM

The BUSINESS AUTO COVERAGE FORM is amended to include the following clarifications and extensions of coverage. With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by the endorsement.

A. TEMPORARY SUBSTITUTE AUTO PHYSICAL DAMAGE

Section I – Covered Autos Paragraph C. Certain Trailers, Mobile Equipment, and Temporary Substitute Autos is amended by adding the following:

If **Physical Damage Coverage** is provided by this coverage form for an "auto" you own, the **Physical Damage Coverages** provided for that owned "auto" are extended to any "auto" you do not own while used with the permission of its owner as a temporary substitute for the covered "auto" you own that is out of service because of breakdown, repair, servicing, "loss" or destruction.

The coverage provided is the same as the coverage provided for the vehicle being replaced.

B. BLANKET ADDITIONAL INSURED

Section II – Covered Autos Liability Coverage, A.1. Who Is An Insured is amended by adding the following:

Any person or organization who is a party to a written agreement or contract with you in which you agree to provide the type of insurance afforded under this Business Auto Coverage Form.

This provision applies to claims for "bodily injury" or "property damage" which occur after the execution of any written agreement or contract.

C. EMPLOYEES AS INSURED

The following is added to the **Section II – Covered Autos Liability Coverage, Paragraph A.1. Who Is An Insured** Provision:

Any "employee" of yours is an "insured" while using a covered "auto" you don't own, hire or borrow in your business or your personal affairs.

D. EMPLOYEE HIRED AUTOS

1. Changes In Covered Autos Liability Coverage

The following is added to the **Who Is An Insured** Provision:

An "employee" of yours is an "insured" while operating an "auto" hired or rented under a contract or agreement in an "employee's" name, with your permission, while performing duties related to the conduct of your business.

2. Changes In General Conditions

Paragraph **5.b.** of the **Other Insurance** Condition in the Business Auto Coverage Form is replaced by the following:

For Hired Auto Physical Damage Coverage, the following are deemed to be covered "autos" you own:

- a. Any covered "auto" you lease, hire, rent or borrow; and
- b. Any covered "auto" hired or rented by your "employee" under a contract in an "employee's" name, with your permission, while performing duties related to the conduct of your business.

However, any "auto" that is leased, hired, rented or borrowed with a driver is not a covered "auto".

E. NEWLY FORMED OR ACQUIRED ORGANIZATIONS

Section II – Covered Autos Liability Coverage, A.1. Who Is An Insured is amended by adding the following:

Any organization which you acquire or form after the effective date of this policy in which you maintain ownership or majority interest. However:

- (1) Coverage under this provision is afforded only up to 180 days after you acquire or form the organization, or to the end of the policy period, whichever is earlier.
- (2) Any organization you acquire or form will not be considered an "insured" if:
 - (a) The organization is a partnership or a joint venture; or
 - (b) That organization is covered under other similar insurance.
- (3) Coverage under this provision does not apply to any claim for "bodily injury" or "property damage" resulting from an "accident" that occurred before you formed or acquired the organization.

F. SUBSIDIARIES AS INSURED

Section II – Covered Autos Liability Coverage, A.1. Who Is An Insured is amended by adding the following:

Any legally incorporated subsidiary in which you own more than 50% of the voting stock on the effective date of this policy. However, "insured" does not include any subsidiary that is an "insured" under any other automobile liability policy or was an "insured" under such a policy but for termination of that policy or the exhaustion of the policy's limits of liability.

G. SUPPLEMENTARY PAYMENTS

Section II – Covered Autos Liability Coverage, A.2.a. Coverage Extensions, Supplementary Payments (2) and (4) are replaced by the following:

- (2) Up to \$5,000 for cost of bail bonds (including bonds for related traffic law violations) required because of an "accident" we cover. We do not have to furnish these bonds.
- (4) All reasonable expenses incurred by the "insured" at our request, including actual loss of earnings up to \$500 a day because of time off from work.

H. FELLOW EMPLOYEE COVERAGE

In those jurisdictions where, by law, fellow employees are not entitled to the protection afforded to the employer by workers compensation exclusivity rule, or similar protection. The following provision is added:

Subparagraph 5. of Paragraph B. **Exclusions in Section II Covered Autos Liability Coverage** does not apply if the "bodily injury" results from the use of a covered "auto" you own or hire.

I. TOWING

Section III – Physical Damage Coverage, A.2. Towing is replaced with the following:

We will pay for towing and labor costs incurred, subject to the following:

- a. Up to \$100 each time a covered "auto" of the private passenger type is disabled; or
- b. Up to \$500 each time a covered "auto" other than the private passenger type is disabled.

However, the labor must be performed at the place of disablement.

J. LOCKSMITH SERVICES

Section III – Physical Damage Coverage, A.4. Coverage Extensions is amended by adding the following:

We will pay up to \$250 per occurrence for necessary locksmith services for keys locked inside a covered private passenger "auto". The deductible is waived for these services.

K. TRANSPORTATION EXPENSES

Section III – Physical Damage Coverage, A.4. Coverage Extensions Subparagraph a. Transportation Expenses is replaced by the following:

- (1) We will pay up to \$75 per day to a maximum of \$2,500 for temporary transportation expense incurred by you because of the total theft of a covered "auto" of the private passenger type. We will pay only for those covered "autos" for which you carry either Comprehensive or Specified Cause Of Loss Coverage. We will pay for temporary transportation expenses incurred during the period beginning 48 hours after the theft and ending, regardless of the policy's expirations, when the covered "auto" is returned to use or we pay for its "loss".
- (2) If the temporary transportation expenses you incur arise from your rental of an "auto" of the private passenger type, the most we will pay is the amount it costs to rent an "auto" of the private passenger type which is of the same like kind and quality as the stolen covered "auto".

L. AUDIO, VISUAL, AND DATA ELECTRONIC EQUIPMENT COVERAGE ADDED LIMITS

Audio, Visual, And Data Electronic Equipment Coverage Added Limits of \$5,000 Per "Loss" are in addition to the sublimit in Paragraph C.1.b. of the **Limits Of Insurance** provision under **Section III – Physical Damage Coverage**.

M. HIRED AUTO PHYSICAL DAMAGE

Section III – Physical Damage Coverage, A.4. Coverage Extensions is amended by adding the following:

If hired "autos" are covered "autos" for Liability Coverage, and if Comprehensive, Specified Causes of Loss, or Collision coverage is provided for any "auto" you own, then the Physical Damage coverages provided are extended to "autos" you hire, subject to the following limit and deductible:

- (1) The most we will pay for loss to any hired "auto" is the lesser of Actual Cash Value or Cost of Repair, minus the deductible.
- (2) The deductible will be equal to the largest deductible applicable to any owned "auto" for that coverage. No deductible applies to "loss" caused by fire or lightning.
- (3) Subject to the above limit and deductible provisions, we will provide coverage equal to the broadest coverage applicable to any covered "auto" you own.

We will pay up to \$1,000, in addition to the limit above, for loss of use of a hired auto to a leasing or rental concern for a monetary loss sustained, provided it results from an "accident" for which you are legally liable.

N. AUTO LOAN OR LEASE COVERAGE

Section III – Physical Damage Coverage Paragraph A.4. Coverage Extensions is amended by the addition of the following:

In the event of a total "loss" to a covered "auto" which is covered under this policy for Comprehensive, Specified Cause of Loss, or Collision coverage, we will pay any unpaid amount due, including up to a maximum of \$500 for early termination fees or penalties, on the lease or loan for a covered "auto", less:

1. The amount paid under the **Physical Damage Coverage Section** of the policy; and
2. Any:
 - a. Overdue lease/loan payments at the time of the "loss";
 - b. Financial penalties imposed under a lease for excessive use, abnormal wear and tear or high mileage;
 - c. Security deposits not returned by the lessor;
 - d. Costs for extended warranties, Credit Life Insurance, Health, Accident or Disability Insurance purchased with the loan or lease; and
 - e. Carry-over balances from previous loans or leases.

Coverage does not apply to any unpaid amount due on a loan for which the covered "auto" is not the sole collateral.

O. PERSONAL PROPERTY OF OTHERS

Section III – Physical Damage Coverage, A.4. Coverage Extensions is amended by adding the following:

We will pay up to \$500 for loss to personal property of others in or on your covered "auto."

This coverage applies only in the event of "loss" to your covered "auto" caused by fire, lightning, explosion, theft, mischief or vandalism, the covered "auto's" collision with another object, or the covered "auto's" overturn.

No deductibles apply to this coverage.

P. PERSONAL EFFECTS COVERAGE

Section III – Physical Damage Coverage, A.4. Coverage Extensions is amended by adding the following:

We will pay up to \$500 for "loss" to your personal effects not otherwise covered in the policy or, if you are an individual, the personal effects of a family member, that is in the covered auto at the time of the "loss".

For the purposes of this extension personal effects means tangible property that is worn or carried by an insured including portable audio, visual, or electronic devices. Personal effects does not include tools, jewelry, guns, money and securities, or musical instruments

Q. EXTRA EXPENSE FOR STOLEN AUTO

Section III – Physical Damage Coverage, A.4. Coverage Extensions is amended by adding the following:

We will pay up to \$1,000 for the expense incurred returning a stolen covered "auto" to you because of the total theft of such covered "auto". Coverage applies only to those covered "autos" for which you carry Comprehensive or Specified Causes Of Loss Coverage.

R. RENTAL REIMBURSEMENT

Section III – Physical Damage Coverage, A.4. Coverage Extensions is amended by adding the following:

1. This coverage applies only to a covered "auto" for which **Physical Damage Coverage** is provided on this policy.
2. We will pay for rental reimbursement expenses incurred by you for the rental of an "auto" because of "loss" to a covered "auto". Payment applies in addition to the otherwise applicable amount of each coverage you have on a covered "auto". No deductibles apply to this coverage.
3. We will pay only for those expenses incurred during the policy period beginning 24 hours after the "loss" and ending, regardless of the policy's expiration, with the lesser of the following number of days.
 - a. The number of days reasonably required to repair or replace the covered "auto". If "loss" is caused by theft, this number of days is added to the number of days it takes to locate the covered "auto" and return it to you; or
 - b. 30 days.
4. Our payment is limited to the lesser of the following amounts:
 - a. Necessary and actual expenses incurred; or
 - b. \$75 per day, subject to a \$2,250 limit.
5. This coverage does not apply while there are spare or reserve "autos" available to you for your operations.
6. If "loss" results from the total theft of a covered "auto" of the private passenger type, we will pay under this coverage only that amount of your rental reimbursement expenses which is not already provided for under the Physical Damage – Transportation Expense Coverage Extension included in this endorsement.
7. Coverage provided by this extension is excess over any other collectible insurance and/or endorsement to this policy.

S. AIRBAG COVERAGE

Section III – Physical Damage Coverage, B.3.a. Exclusions is amended by adding the following:

If you have purchased Comprehensive or Collision Coverage under this policy, the exclusion relating to mechanical breakdown does not apply to the accidental discharge of an airbag.

T. NEW VEHICLE REPLACEMENT COST

The following is added to Paragraph C. **Limit Of Insurance of Section III – Physical Damage Coverage**

In the event of a total "loss" to your new covered auto of the private passenger type or vehicle having a gross vehicle weight of 20,000 pounds or less, to which this coverage applies, we will pay at your option:

- a. The verifiable new vehicle purchase price you paid for your damaged vehicle, not including any insurance or warranties.
- b. The purchase price, as negotiated by us, of a new vehicle of the same make, model, and equipment, or most similar model available, not including any furnishings, parts, or equipment not installed by the manufacturer or their dealership.
- c. The market value of your damaged vehicle, not including any furnishings, parts, or equipment not installed by the manufacturer or their dealership.

We will not pay for initiation or set up costs associated with a loans or leases.

For the purposes of this coverage extension a new covered auto is defined as an "auto" of which you are the original owner that has not been previously titled which you purchased less than 180 days prior to the date of loss.

U. LOSS TO TWO OR MORE COVERED AUTOS FROM ONE ACCIDENT

Section III – Physical Damage Coverage, D. Deductible is amended by adding the following:

If a Comprehensive, Specified Causes of Loss or Collision Coverage "loss" from one "accident" involves two or more covered "autos", only the highest deductible applicable to those coverages will be applied to the "accident".

If the application of the highest deductible is less favorable or more restrictive to the insured than the separate deductibles as applied in the standard form, the standard deductibles will apply.

This provision only applies if you carry Comprehensive, Collision or Specified Causes of Loss Coverage for those vehicles, and does not extend coverage to any covered "autos" for which you do not carry such coverage.

V. WAIVER OF DEDUCTIBLE – GLASS REPAIR OR REPLACEMENT

Section III – Physical Damage Coverage, D. Deductible is amended by adding the following:

If a Comprehensive Coverage deductible is shown in the Declarations it does not apply to the cost of repairing or replacing damaged glass.

W. DUTIES IN THE EVENT OF ACCIDENT, CLAIM, SUIT, OR LOSS

Section IV – Business Auto Conditions, A.2. Duties In The Event Of Accident, Claim, Suit Or Loss is amended by adding the following:

Your obligation to notify us promptly of an "accident", claim, "suit" or "loss" is satisfied if you send us the required notice as soon as practicable after your Insurance Administrator or anyone else designated by you to be responsible for insurance matters is notified, or in any manner made aware, of an "accident", claim, "suit" or "loss".

X. WAIVER OF TRANSFER OF RIGHTS OF RECOVERY

Subparagraph 5. of Paragraph A. **Loss Conditions of Section IV Business Auto Conditions** is deleted in its entirety and replaced with the following.

Transfer Of Rights Of Recovery Against Others To Us

If any person or organization to or for whom we make payment under this Coverage Form has rights to recover damages from another, those rights are transferred to us. That person or organization must do everything necessary to secure our rights and must do nothing after "accident" or "loss" to impair them.

However, we waive any right of recovery we may have against any person, or organization with whom you have a written contract, agreement or permit executed prior to the "loss" that requires a waiver of recovery for payments made for damages arising out of your operations done under contract with such person or organization.

Y. UNINTENTIONAL FAILURE TO DISCLOSE EXPOSURES

Section IV – Business Auto Conditions, B.2. Concealment, Misrepresentation, Or Fraud is amended by adding the following:

If you unintentionally fail to disclose any exposures existing at the inception date of this policy, we will not deny coverage under this Coverage Form solely because of such failure to disclose. However, this provision does not affect our right to collect additional premium or exercise our right of cancellation or non-renewal.

Z. MENTAL ANGUISH

Section V – Definitions, C. is replaced by the following:

"Bodily injury" means bodily injury, sickness or disease sustained by a person, including mental anguish or death resulting from bodily injury, sickness or disease.

AA. LIBERALIZATION

If we revise this endorsement to provide greater coverage without additional premium charge, we will automatically provide the additional coverage to all endorsement holders as of the day the revision is effective in your state.

NCCI #: WC000313B
Policy #: 4113799

E C Electric Inc
2535 W Pinyon Avenue
Grand Junction, CO 81505

Hub Int. Ins Services Inc/Blanchard
2742 Crossroads Blvd.
Grand Junction, CO 81506
(888) 795-0300

ENDORSEMENT: Blanket Waiver of Subrogation

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

SCHEDULE

To any person or organization when agreed to under a written contract or agreement, as defined above and with the insured, which is in effect and executed prior to any loss.

Effective Date: April 1, 2017 Expires on: April 1, 2018
Pinnacol Assurance has issued this endorsement April 3, 2017.

Construction and Natural Resources Center of Excellence
Phone (303) 361-4200 / (866) 820-6129
Fax (303) 361-5200 / (888) 329-2216