



**BROADBAND ACCESS POINTS AND
PROGRAMMABLE LOGIC CONTROLLERS
REPLACEMENT – PHASE 3 PROJECT
Solicitation Number: CO-00352
Job No. 19-6002**

**ADDENDUM 1
March 15, 2021**

To Bidder of Record:

This addendum, applicable to work referenced above, is an amendment to the bid proposal, plans and specifications and as such will be a part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the Addendum number and issue date on the space provided in submitted copies of the bid proposal.

RESPONSES TO QUESTIONS

1. Question 1

Could you send me the list of SAWS approved SBE Contractors associated w/the referenced project?

Response: Firms interested in SBE Contractor lists may email the SMWVB Program Manager at Marisol.Robles@saws.org with the specific scopes of work and/or supplies needed so that tailored lists can be provided. The list/s will come from the South Central Texas Regional Certification Agency's database. The lists that have been provided for this project have been posted to the SAWS project page at https://apps.saws.org/business_center/contractsol/Drill.cfm?id=3928&View=Yes. Potential bidders may review these lists prior to submitting your request. Please note that SAWS does not pre-approve these firms for the specific scopes of work or supplies that were requested, however these firms do meet the SBE requirements as long as the firms' certifications have not expired. Depending on the number of lists requested, it may take the SMWVB Program Manager 24-48 hours to create all of the lists and respond.

2. Question 2

Is there any possibility of extending the bid due date by at least one week due to the recent unprecedented winter weather event?

Response: Please see #1 and #2 of Changes to the Specifications in this Addendum.

3. Question 3

In reference to Section 40 61 26 (Process Control System – Training), can specific PLC Hardware & Software and HMI Software Training Course names/designations be provided?

Response: There is no requirement for PLC or HMI Manufacturer training for this project. Please see Changes to Specifications Item No. 4 in this Addendum.

CHANGES TO THE SPECIFICATIONS

1. Invitation to Bidders, paragraphs 6 & 7, remove and replace the following:

Due to the COVID-19 emergency and to protect the health of the public, SAWS is implementing new procedures for the submission of bids. Bids will be received Electronically, until 2:00 PM (CST) on March 26, 2021. Electronic bids will be received via the secure SAWS FTP site. Sealed bids will be received by Contract Administration, 2800 U.S. Hwy 281 North, Tower II, Customer Center Building, via a drop box located on the left wall when walking through the first set of double glass doors of the main Tower II entry on the north side of the building, San Antonio, Texas 78212. See the Electronic Bid Opening Instructions attachment for additional information regarding an electronic bid submittal. Electronic bids shall be accompanied by a bid bond in an amount not less than five percent of the total bid price. (Or, if providing SAWS with a cashier's check or certified check in an amount not less than five percent of the total bid price, SAWS will request this within 24 hours from the apparent low bidder. Sealed bids must be accompanied by a cashier's check, certified check, or bid bond in an amount not less than five percent of the total bid price. Bids will then be publicly opened and read aloud by Contract Administration via WebEx Meeting number (access code): 146 776 9840 and Meeting password: iYYBwKZs842.

If Bidders intend to submit bids electronically, Bidders will need to submit a request by March 25, 2021 by 2:00 PM (CST) to receive access to the File Transfer Protocol (FTP) site via email to Janie.Powell@saws.org. Bidder's email requesting access to the FTP site shall provide the legal name of Bidder's company and the intended recipient's email address and phone number. No requests for FTP site access will be accepted after March 25, 2021 by 2:00 PM (CST).

2. Remove the Electronic Bid Opening Instructions in their entirety and replace with the attached revised version. See attachment **ELECTRONIC BID OPENING INSTRUCTIONS**
3. Section 40 61 00 paragraph 2.4-C.1—change “Surge arresters shall be Joslyn Surgitron 1265-85-M or 1265-85-MN.” to “Surge arresters shall be Transtector SP50-1201P.”
4. Section 40 61 26 – Delete Paragraph 3.3-C and 3.3-C.1 in their entirety. There is no requirement for PLC or HMI Manufacturer training for this project.

5. Section 40 67 63 table in paragraph 1.1-E —include a new UPS in Grissom with a minimum runtime of 2 hours, input power connection 120VAC, located inside PLC panel on UPS stand.

CHANGES TO THE PLANS

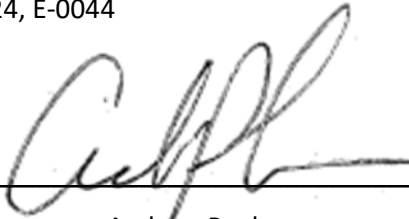
1. Sheets G-0106, E-0024, E-0044 —Remove and replace in their entirety with the attached.
 - The surge arrester model changed from Joslyn Surgitron 1265-85-M or 1265-85-MN to Model Transtector SP50-1201P.

END OF ADDENDUM

This Addendum, including these three (3) pages, is seven (7) pages with attachments in its entirety.

Attachments:

Plan Sheets: G-0106, E-0024, E-0044



Andrew Paulson

Signature Automation, LLC





**BROADBAND ACCESS POINTS AND PROGRAMMABLE
LOGIC CONTROLLERS REPLACEMENT, PROJECT**
Solicitation Number: CO-00352

ELECTRONIC BID OPENING INSTRUCTIONS

March 26, 2021 at 2:00 PM (CST)

Rev. 3/15/21

FTP BID PROPOSAL UPLOAD

In order to receive electronic bids for this project, SAWS will utilize a SAWS secured File Transfer Protocol (FTP) site. Only Bidders bidding as Prime Contractors will need to submit their request prior to **March 25, 2021 at 2:00 PM (CST)** to receive access to the FTP site via email to **Janie.Powell@saws.org**. Bidder's email shall provide the legal name of the Bidder's company and the intended recipient's email address and phone number. No requests for FTP site access will be accepted after **March 25, 2021 at 2:00 PM (CST)**. Once a Bidder is approved for access, an email with a hyperlink to the FTP site and a unique password for the Bidder will be provided to the Bidder's email recipient.

Once access is received, Bidders may upload the required documents per the Bid Proposal checklist any time before **March 26, 2021 at 2:00 PM (CST)**. Please ensure to allow sufficient time should Bidder's experience technical difficulties in uploading the required documents. No changes to the Bid can be made once the Bid has been submitted.

Bidders shall comply with the following when uploading a Bid Packet:

- 1) Limit files to one (1) pdf file that includes all requested documents, per the Bid Packet Checklist. **ONLY ONE SUBMITTAL WILL BE ACCEPTED PER REQUEST.** Do not upload any zip files.
- 2) Ensure that the itemized List of Bid Items is (are) the first page(s) of your file.
- 3) Bidders may protect the document from editing by adding a password. However, the document must be accessible for viewing by SAWS without requiring a password.
- 4) File shall be named: **CO-00352 – Broadband Access Points and Programmable Logic Controllers Replacement Project - <COMPANY NAME>**
- 5) **DO NOT SHARE ACCESS AND/OR PASSWORD WITH OTHER PARTIES OUTSIDE YOUR COMPANY.**
- 6) **ENSURE THE BID IS SENT NO LATER THAN THE DUE DATE AND TIME. BIDS SUBMITTED AFTER THE BID OPENING DEADLINE WILL NOT BE ACCEPTED.**

If the Bidder is in need of help, they may contact the SAWS Contract Administrator, **Janie M. Powell**, at **(210) 233-2443** or view troubleshooting tips at <http://www.Serv-U.com/sharefiles>

WEBEX BID OPENING MEETING

The WebEx meeting details are below if you would like to view the public opening of the bids.

When it's time, start or join the WebEx meeting from [here](#).

Access Information

Meeting Number: 146 776 9840

Meeting Password: iYYBwKZs842

Audio Connection: 210-233-2090

If you have any questions or concerns, please feel free to contact me.

Thank you,

Janie M. Powell

Contract Administrator

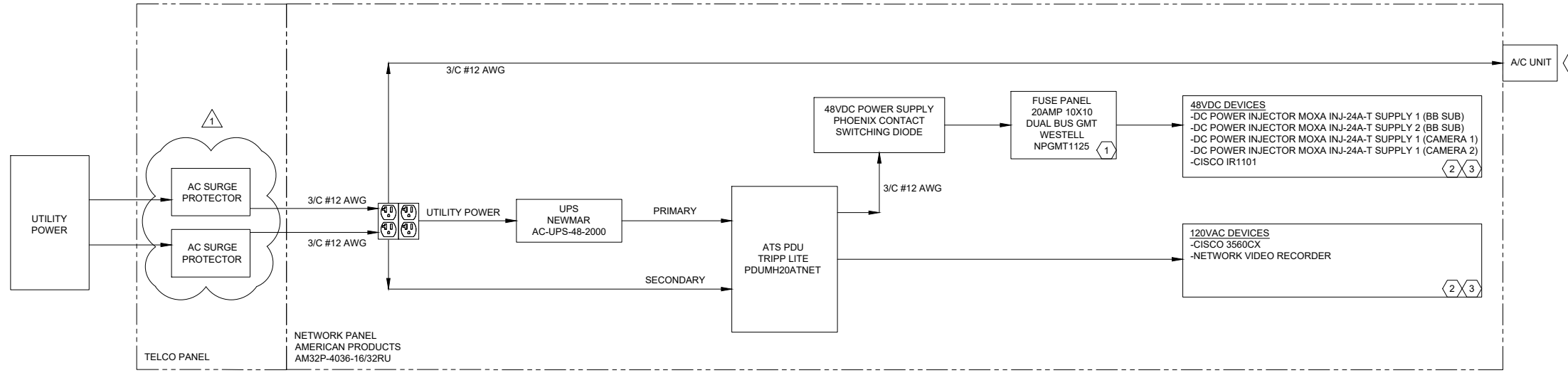
2800 U.S. Highway 281 North, Ste. 171 | San Antonio, TX 78212

Office | 210-233-2443

Email | Janie.Powell@saws.org

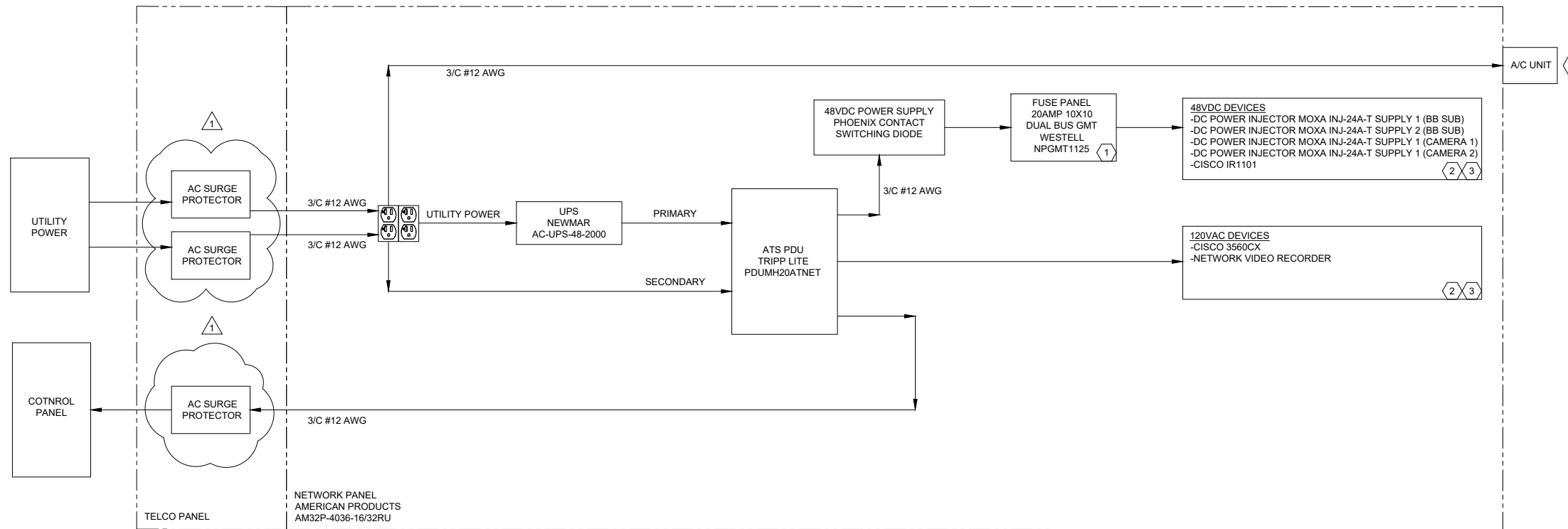
KEYED NOTES:

1. SIZE ALL FUSES. PROVIDE ONE SPARE FUSE FOR EACH DEVICE.
2. REFER TO SITE SPECIFIC DRAWINGS FOR COMPLETE DEVICE LIST.
3. ALL NETWORK DEVICES TO USE SUPPLIED GROUND LUG TO BOND DEVICE.
4. OUTDOOR SITES ONLY.
5. SITES WHERE THE SECURITY ENCLOSURE DOES NOT PROVIDE POWER TO A CONTROL PANEL.
6. SITES WHERE THE SECURITY ENCLOSURE PROVIDES POWER TO A CONTROL PANEL.



TYPE 1 - POWER DISTRIBUTION
SCALE: NTS

1



TYPE 2 - POWER DISTRIBUTION
SCALE: NTS

2



No.	Description	Drawn	Chk'd	Date
1	ADDENDUM 1	CC	AP	03/09/2021

14877 Midway Road, Suite 212
Addicks, Texas 76001
TBPPE Firm Registration No. F-14711
www.signature-automation.com
Phone 469-619-1241
Fax 469-619-1242

Signature Automation

1717 West 6th Street, Suite 210
Austin, Texas 78703
TBPPE Firm Registration No. F-533

ARCADIS

2355 Highway 36 West, Suite 200
St. Paul, Minnesota 55113
TBPPE Firm Registration No. F-2494

EMA

SCALE: NONE

DRAWN BY: C. MURRAY

DESIGNED BY: C. MURRAY

CHECKED BY: B. DALY

APPROVED BY: T. BRANDENBURG

DATE: FEBRUARY 2021

BROADBAND ACCESS POINTS AND PLC REPLACEMENT
PHASE 3

STANDARD LAYOUT

BROADBAND SECURITY ENCLOSURES
POWER DISTRIBUTION

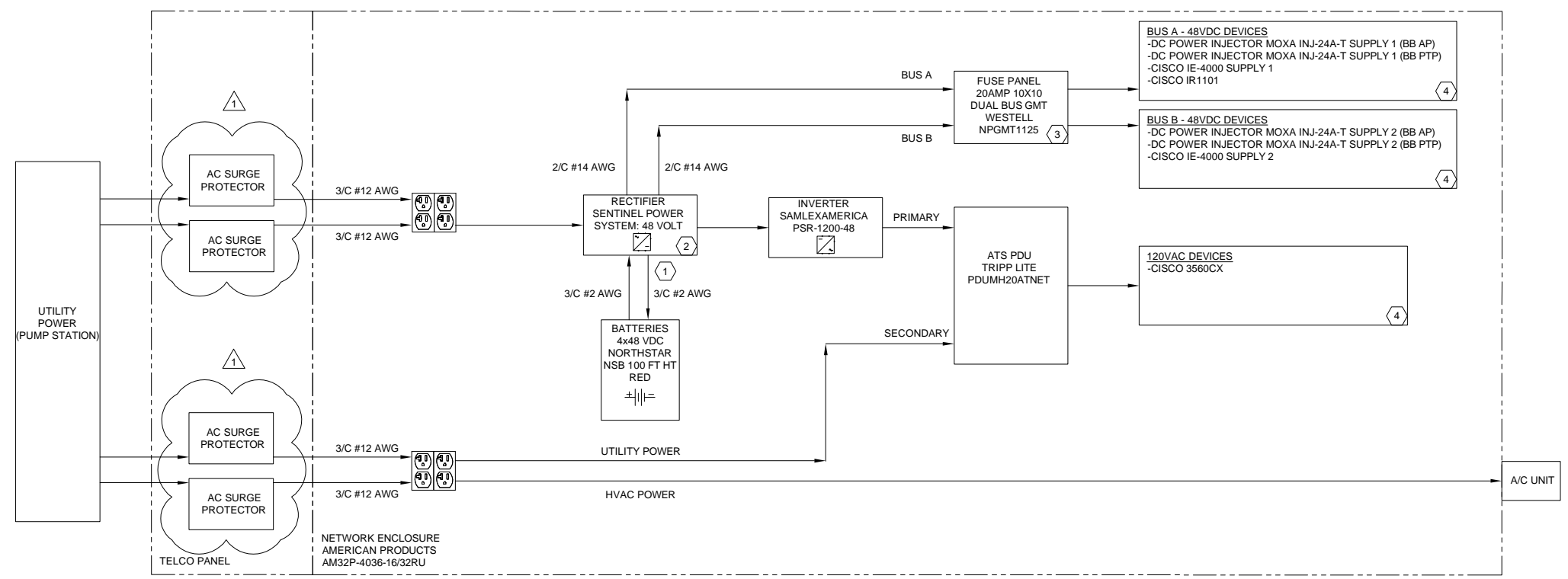
Drawing File Name: G-0106 SECURITY ENCLOSURE POWER DISTRIBUTION.DWG





KEYED NOTES:

1. PROVIDE MINIMUM #6 AWG TELCO FLEX III WIRE BETWEEN RECTIFIER AND BATTERIES.
- 1.1. BLACK NEGATIVE, RED POSITIVE, GREEN GROUND.
2. RECTIFIER UNIT TO CONTAIN
 - 2.1. 1 SNMP DIGITAL CONTROLLER SM36
 - 2.2. 3x600 WATT MODULAR RECTIFIERS RM-648
 - 2.3. 4 DC BREAKERS, 20 AMPS EACH
 - 2.4. ISOLATED GROUND.
3. SIZE ALL FUSES. PROVIDE ONE SPARE FUSE FOR EACH DEVICE.
4. ALL NETWORK DEVICES TO USE SUPPLIED GROUND LUG TO BOND DEVICE.
5. ROUTE POWER FROM PUMP STATION THROUGH EXISTING NETWORK PANEL AT BASE OF TANK.



POWER DISTRIBUTION DIAGRAM
SCALE: NTS

No.	Description	Drawn	Chk'd	Date
1	ADDENDUM 1	CC	AP	03/09/2021

14677 Midway Road, Suite 212
Addison, Texas 75001
TBPE Firm Registration No. F-14711
www.signatureautomation.com
Phone: 469-9619-7241
Fax: 469-9619-7242

Signature Automation

1717 West 8th Street, Suite 210
Austin, Texas 78703
TBPE Firm Registration No. F-533

ARCADIS

2365 Highway 36 West, Suite 200
St. Paul, Minnesota 55113
TBPE Firm Registration No. F-2494

EMA

SCALE	NONE
DRAWN BY:	C. MURRAY
DESIGNED BY:	C. MURRAY
CHECKED BY:	B. DALY
APPROVED BY:	T. DRAPER
DATE:	FEBRUARY 2021

BROADBAND ACCESS POINTS AND PLC REPLACEMENT
PHASE 3

BRACKENRIDGE REUSE
RADIO/NETWORK DETAILS IV

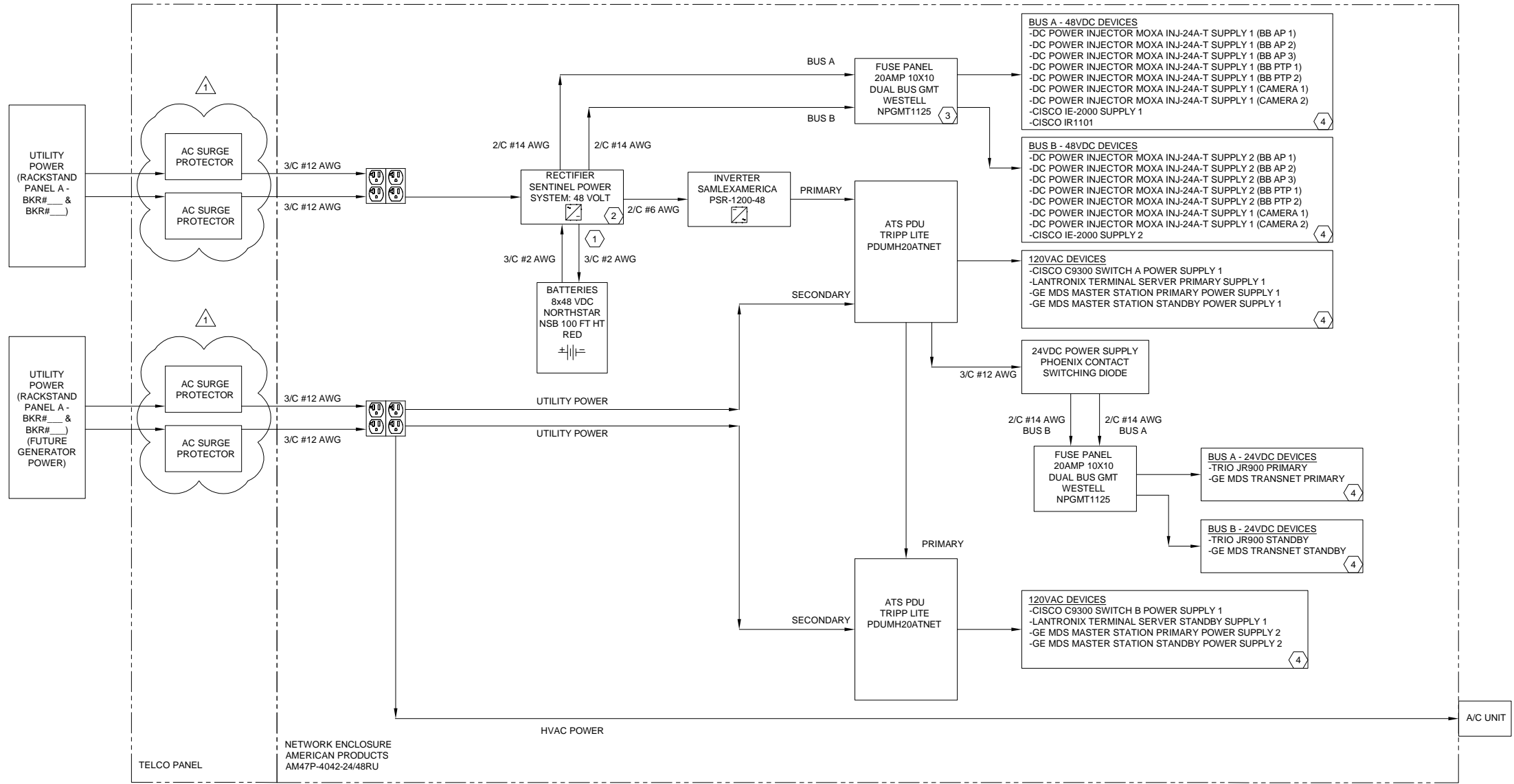
Drawing File Name: E-0024 BRACKENRIDGE RADIO NETWORK DETAILS.DWG





KEYED NOTES:

- PROVIDE MINIMUM #6 AWG TELCO FLEX III WIRE BETWEEN RECTIFIER AND BATTERIES.
 - BLACK NEGATIVE, RED POSITIVE, GREEN GROUND.
- RECTIFIER UNIT TO CONTAIN
 - 1 SNMP DIGITAL CONTROLLER SM36
 - 3x600 WATT MODULAR RECTIFIERS RM-648
 - 4 DC BREAKERS, 20 AMPS EACH
 - ISOLATED GROUND.
- SIZE ALL FUSES. PROVIDE ONE SPARE FUSE FOR EACH DEVICE.
- ALL NETWORK DEVICES TO USE SUPPLIED GROUND LUG TO BOND DEVICE.
- PROVIDE HARDWARE AND PROGRAMMING FOR MONITORING 24V AND 48V POWER SUPPLY FAILURE SIGNALS AT THE EXISTING DWYER PLC.



POWER DISTRIBUTION
SCALE: NTS

1

No.	Description	Drawn	Chk'd	Date
1	ADDENDUM 1	CC	AP	03/09/2021

14677 Midway Road, Suite 212
Addison, Texas 75001
TBPE Firm Registration No. F-14711
www.signatureautomation.com
Phone: 469-616-7241
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Austin, Texas 78703
TBPE Firm Registration No. F-533

ARCADIS

2355 Highway 36 West, Suite 200
St. Paul, Minnesota 55113
TBPE Firm Registration No. F-2494

EMA

SCALE	NONE
DRAWN BY:	C. MURRAY
DESIGNED BY:	C. MURRAY
CHECKED BY:	B. DALY
APPROVED BY:	T. DRAPER
DATE:	FEBRUARY 2021

BROADBAND ACCESS POINTS AND PLC REPLACEMENT
PHASE 3

DWYER

RADIO/NETWORK DETAILS IV

Drawing File Name: E-0044 DWYER RADIO NETWORK DETAILS.DWG

