



# ADA COUNTY PROCUREMENT

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200 West Front Street  
Boise, Idaho 83702-7300

**DATE: February 5, 2019**  
**TO: All Plan Holders**  
**FROM: Ada County Procurement**  
**NO. OF PAGES: 27**

## **Bid 19042 Re-Bid of PSB Roof Electrical Feeder and Communication Raceway Revisions**

**BIDS DUE: February 11, 2019 by 4:00 p.m. local time**  
**Ada County Procurement, 200 W. Front St., Rm. 2210, Boise, ID 83702**

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### **ADDENDUM NO. 1**

#### **NOTICE TO BIDDERS:**

1. This addendum shall be considered part of the documents for the above-mentioned project as though it had been issued at the same time and shall be incorporated integrally therewith. Where provisions of the following supplementary data differ from those of the original documents, this addendum shall govern and take precedence.
2. Bidders are hereby notified that they shall make any necessary adjustment in their estimates on account of this addendum. It will be construed that each bid is submitted with full knowledge of all modifications and supplemental data specified herein.
3. **Bidders must acknowledge in their bids that all addenda have been received or the bid may be deemed non-responsive.**

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#### **Please See Attached:**

- Clarifications
  - Contact Quality Communications if any interruptions, fusion or splicing will occur with the fiber optic lines
  - Owner's Contingency: \$10,000.00
- Questions received prior to the February 1, 2019 4:00 p.m. local time cut-off
- Electrical Engineer, Eidam & Associates Cover Sheet
- Drawings: Sheet E-100, Sheet E-101
- Existing Conditions Photos
- January 31, 2019 at 2:00 p.m. Non-Mandatory Pre-Bid Meeting Sign-in Sheets

**Questions received prior to the February 1, 2019 4:00 p.m. local time cut-off:**

1. Are the bids to be directed to Robyn Swaney in Ada County Procurement?  
[Answer: No, just to Ada County Procurement in general – 200 W. Front St., Rm. 2210, Boise, ID 83702.](#)
2. Ada County is stating a 4-hour maximum shutdown, which may be a difficult timeframe to stay within. If it pushes into six hours, will that be a problem?  
[Answer: Ada County is willing to work with the awarded contractor regarding the shutdown requirement.](#)
3. What are the preferred shutdown hours?  
[Answer: 10:00 p.m. – 5:00 a.m.](#)
4. Who is handling the temporary connections to the stationary generator if 4 hour shutdown is exceeded?  
[Answer: The contractor is responsible. This is an all-inclusive bid. However, the awarded contractor can temporarily connect if necessary.](#)
5. Who is responsible for obtaining the wire needed for temporary connection?  
[Answer: The contractor is responsible. This is an all-inclusive bid.](#)
6. Are the two one-inch raceways in the middle included? What will the plan be for those? (2 small ones going down near ladder on gravel portion of roof)  
[Answer: The ¾” and 1” raceways have been added to the contract documents within addendum #1. These raceways house \(1\) 12 strand fiber and \(1\) 24 strand fiber for security connectivity. The active strands will be removed from the network and back fed through existing infrastructure by appointed personnel selected by Ada County. The patch over is excluded from project scope. Awarded contractor shall remove existing \(dark\) fiber connectivity during construction and re-install with new 12 strand and 24 strand fiber to termination points at completion of raceway installation consistent with addendum #1 document. Contractor to include all required terminations \(fusion type to match existing\).](#)

Date:	February 5, 2019	Owner:	Ada County	Addendum #:	1
Project Name:	ADA COUNTY PSB ROOF ELECTRICAL AND COMMUNICATIONS RACEWAY REVISIONS			EA Project #:	18-072
Location:	Boise, Idaho			Bid #:	

**To All Plan holders:** Please notify everyone concerned as your sub-contractors and suppliers of the issuance and contents of this addendum prior to date of bid opening.

**ALL INFORMATION CONTAINED IN THIS ADDENDUM IS HEREBY MADE A PART OF THE CONTRACT DOCUMENTS PERTAINING TO THE ABOVE PROJECT AND SHALL BE BINDING UPON EACH CONTRACTOR SUBMITTING BIDS. IT SHALL FURTHER BE THE RESPONSIBILITY OF EACH CONTRACTOR TO NOTIFY HIS SUB-CONTRACTORS AND SUPPLIERS CONCERNING THE CONTENTS OF THIS ADDENDUM AS THEY SPECIFICALLY APPLY TO THEM.**

**DRAWINGS**

**SHEET E-100**

1. Add removal of fiber optic raceways to scope of work as indicated on attached sheet E-100.

**SHEET E-101**

1. Add new fiber optic raceways on roof section 4; include re-pulling existing fiber optic cables and terminations as indicated on attached sheet E-101.

**ATTACHMENTS:** SHEETS E-100 and E-101

**END ADDENDUM ONE**

1

2

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4

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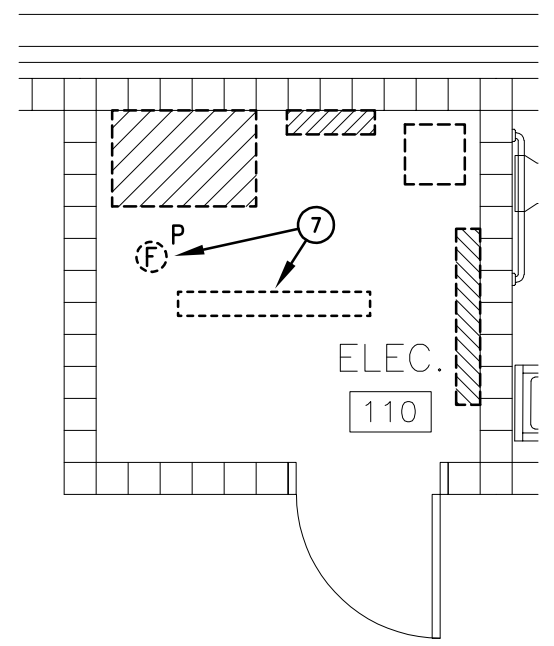
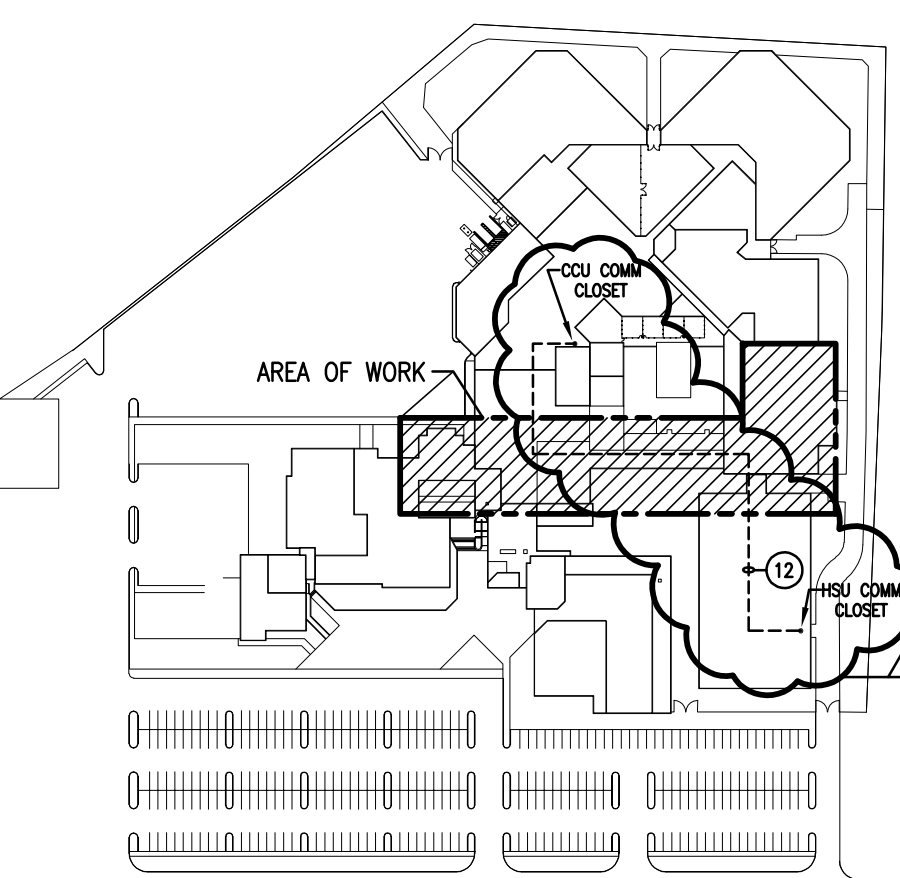
SHEET KEYNOTES

SHEET GENERAL NOTES

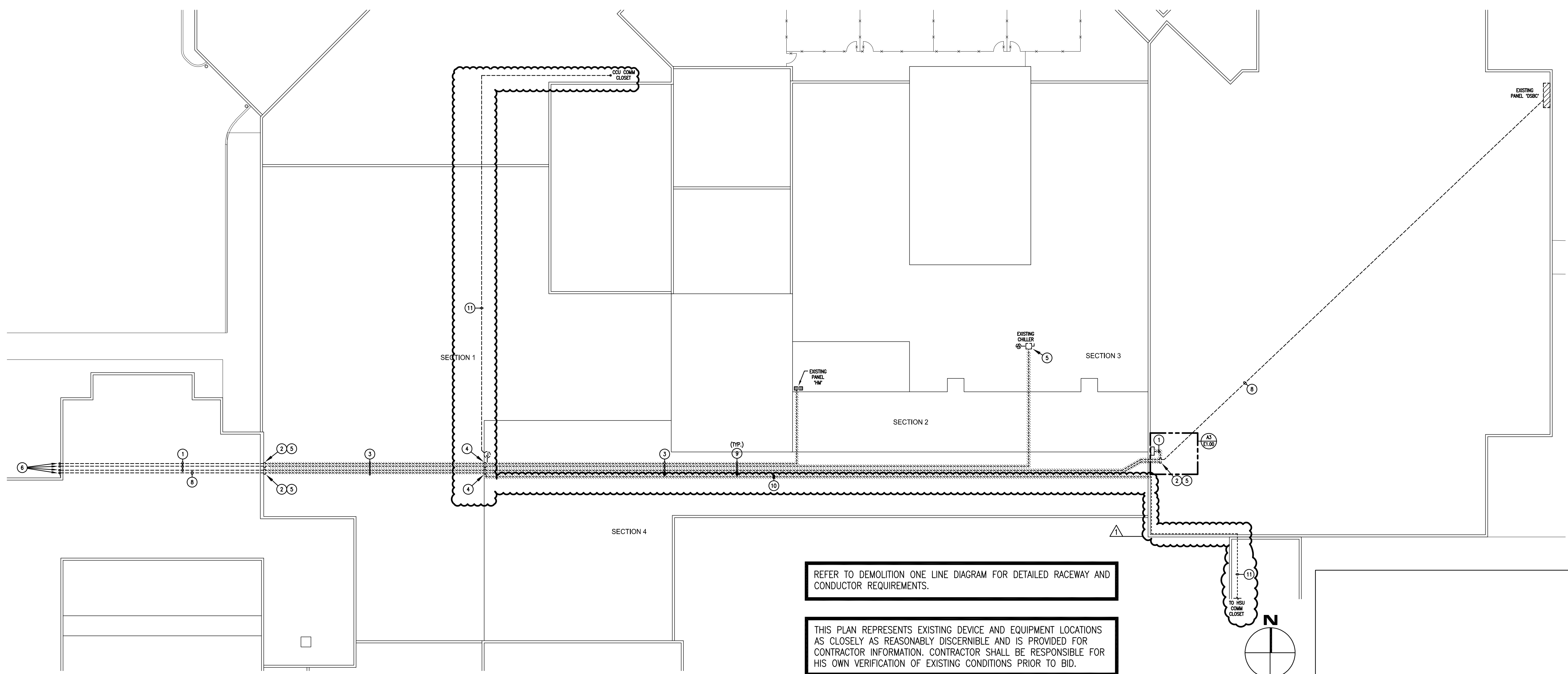
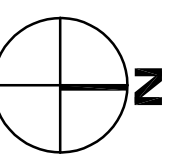
KEYPLAN

1. REMOVE EXISTING CONDUCTORS; RETAIN RACEWAY FOR RE-USE IN NEW PHASE OF WORK.
2. RETAIN PULL BOX FOR RE-USE IN NEW PHASE OF WORK.
3. DISCONNECT AND REMOVE RACEWAY AND ASSOCIATED CONDUCTORS.
4. DISCONNECT AND REMOVE PULL BOX.
5. SEAL OPENINGS CREATED IN DEMOLITION PHASE OF WORK.
6. DISCONNECT AND REMOVE CONDUCTORS FROM SOURCE (BASEMENT) TO ROOF LEVEL; RETAIN ALL PATHWAYS FOR RE-USE IN NEW PHASE OF WORK.
7. DISCONNECT AND REMOVE ELECTRICAL DEVICES; RETAIN DEVICES FOR RECONNECTION IN NEW PHASE OF WORK.
8. RETAIN RACEWAYS AND ASSOCIATED CONDUCTORS FOR NEW PHASE OF WORK.
9. EXISTING ROOF SUPPORTS TO BE REMOVED BY CONTRACTOR.
10. DISCONNECT AND REMOVE A PORTION OF THE EXISTING (1) 3/4" AND (1) 1" COMMUNICATIONS RACEWAYS LOCATED ON ROOF SECTION 4.
11. PROTECT EXISTING (1) 3/4" AND (1) 1" OUTSIDE EXTENTS OF DEMOLITION FOR RE-USE IN NEW PHASE OF WORK.
12. REMOVE EXISTING 12 STRAND AND 24 STRAND FIBER FROM HSU COMM ROOM BACK TO CCU COMM ROOM. (CONFIRM WITH ADA COUNTY PERSONNEL THAT FIBER IS DARK PRIOR TO REMOVAL) COIL FIBER OPTIC CABLE IN CCU DURING CONSTRUCTION.

1. COORDINATE LOCATION OF DISCONNECTING MEANS AT MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION. DO NOT INSTALL ON ACCESS PANELS, AIR INTAKES, OR IN LOCATIONS THAT COVER EQUIPMENT NAMEPLATE.
2. DISCONNECTING MEANS SHALL BE LOCATED WITHIN SIGHT OF EQUIPMENT SERVED IN ACCORDANCE WITH NATIONAL ELECTRIC CODE REQUIREMENTS. WORKING CLEARANCE SHALL BE MAINTAINED IN FRONT OF EQUIPMENT. DISCONNECTING MEANS IN ACCORDANCE WITH NATIONAL ELECTRIC CODE. INFORM ALL TRADES OF WORKING CLEARANCE REQUIREMENTS PRIOR TO INSTALLATION.
3. COORDINATE LOCATION OF RECEPTACLES AT MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION. DO NOT INSTALL ON ACCESS PANELS, AIR INTAKES, OR IN LOCATIONS THAT COVER EQUIPMENT NAMEPLATE.
4. CONFIRM FINAL MECHANICAL EQUIPMENT LOCATIONS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
5. ALL CONDUIT FOR ROOF EQUIPMENT CONNECTIONS SHALL BE CONCEALED IN CEILING SPACE OF FLOOR BELOW UNLESS SPECIFICALLY NOTED.
6. SEAL ALL ROOF PENETRATIONS IN ACCORDANCE WITH ROOFING MANUFACTURER. REFER TO ROOF PENETRATION DETAIL(S) ON ARCHITECTURAL AND ELECTRICAL SHEETS.
7. ADHERE HEAT TAPE TO ROOFING MATERIALS IN ACCORDANCE WITH THE ROOFING MANUFACTURER'S REQUIREMENTS. USE ONLY PRODUCTS AND METHODS SPECIFICALLY ALLOWED TO MAINTAIN ROOFING WARRANTY.
8. REVIEW AND COORDINATE ALL EQUIPMENT CONNECTIONS WITH SUBMITTALS, SHOP DRAWINGS, AND MANUFACTURER'S INSTRUCTIONS FOR ALL ELECTRICALLY OPERATED EQUIPMENT SUPPLIED BY OTHER DIVISIONS OF WORK PRIOR TO COMMENCING WORK. NOTIFY ARCHITECT IN WRITING OF ANY DISCREPANCIES IN ELECTRICAL CONNECTIONS BASED UPON REVIEW.
9. DERATE AMPACITY OF CONDUCTORS IN RACEWAYS EXPOSED ON ROOF PER NEC 310.15.
10. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL CONDUIT AND OUTLET BOXES REQUIRED BY MECHANICAL CONTROLS CONTRACTOR FOR CONTROL EQUIPMENT AND CONNECTIONS. REFER TO MECHANICAL DRAWINGS FOR EQUIPMENT LOCATIONS INCLUDING PANELS, THERMOSTATS, AND CONTROL POINTS.
11. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL ELECTRICAL CONNECTIONS TO FIRE ALARM SYSTEM CONTROL PANELS AND COMPONENTS AS REQUIRED BY FIRE ALARM DESIGNER AND CONTRACTOR.



**A3** ELEC. 110 ELECTRICAL PLAN  
SCALE: 1/4" = 1'-0"

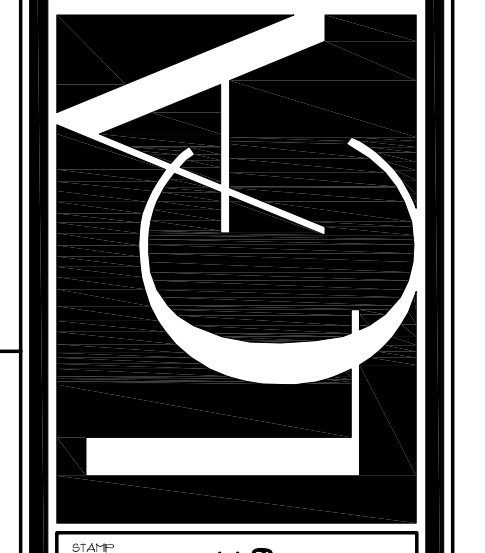


REFER TO DEMOLITION ONE LINE DIAGRAM FOR DETAILED RACEWAY AND CONDUCTOR REQUIREMENTS.

THIS PLAN REPRESENTS EXISTING DEVICE AND EQUIPMENT LOCATIONS AS CLOSELY AS REASONABLY DISCERNIBLE AND IS PROVIDED FOR CONTRACTOR INFORMATION. CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN VERIFICATION OF EXISTING CONDITIONS PRIOR TO BID.

**D1** PARTIAL ROOF ELECTRICAL DEMOLITION PLAN  
SCALE: 1/16" = 1'-0"

**LCA Architects, P.A.**  
ARCHITECTURE - PLANNING - INTERIOR DESIGN  
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Boise, Idaho 83702  
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ORIGINAL SEALED DOCUMENTS ON FILE WITH ENGINEER. DATE OF ORIGINAL SEAL: 1/21/2019

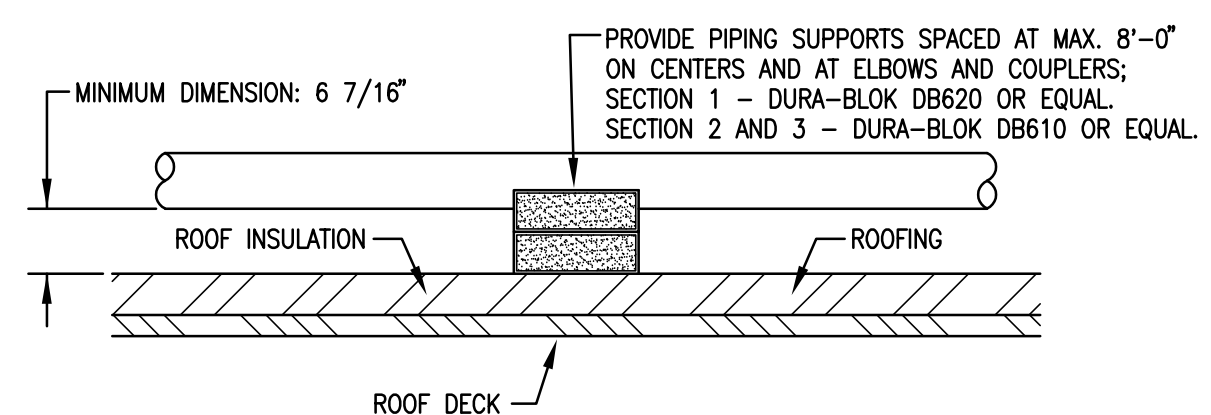
**RE-BID OF PSB ROOF ELECTRICAL FEEDERS AND COMMUNICATION RACEWAY REVISIONS**  
**BID 19042**  
**PARTIAL ROOF ELECTRICAL DEMO PLAN**

MARK	DATE	DESCRIPTION
Δ	2/5/19	ADDENDUM #1

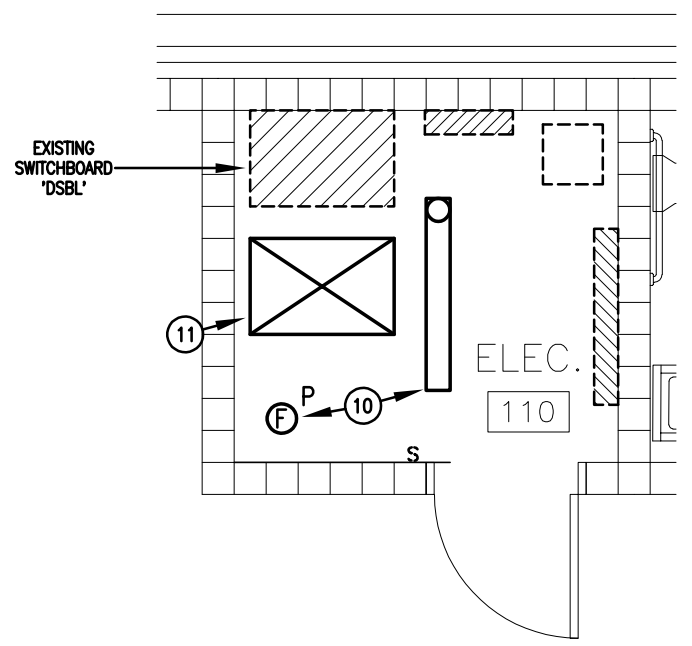
  

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CHECKED BY	JMM

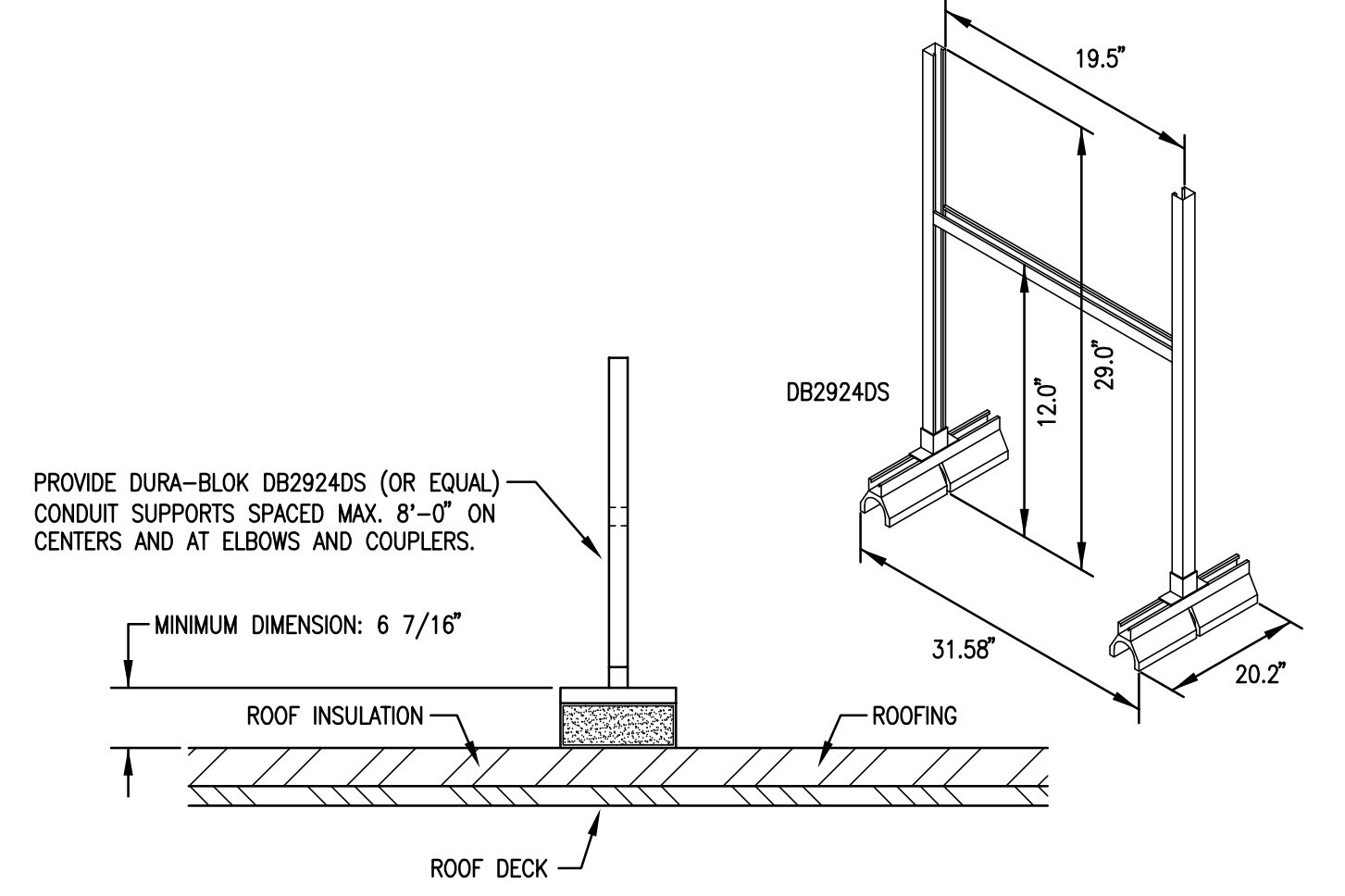
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**SECTION 1, 2, AND 3 ROOF MOUNTED CONDUIT INSTALLATION DETAIL**  
NOT TO SCALE



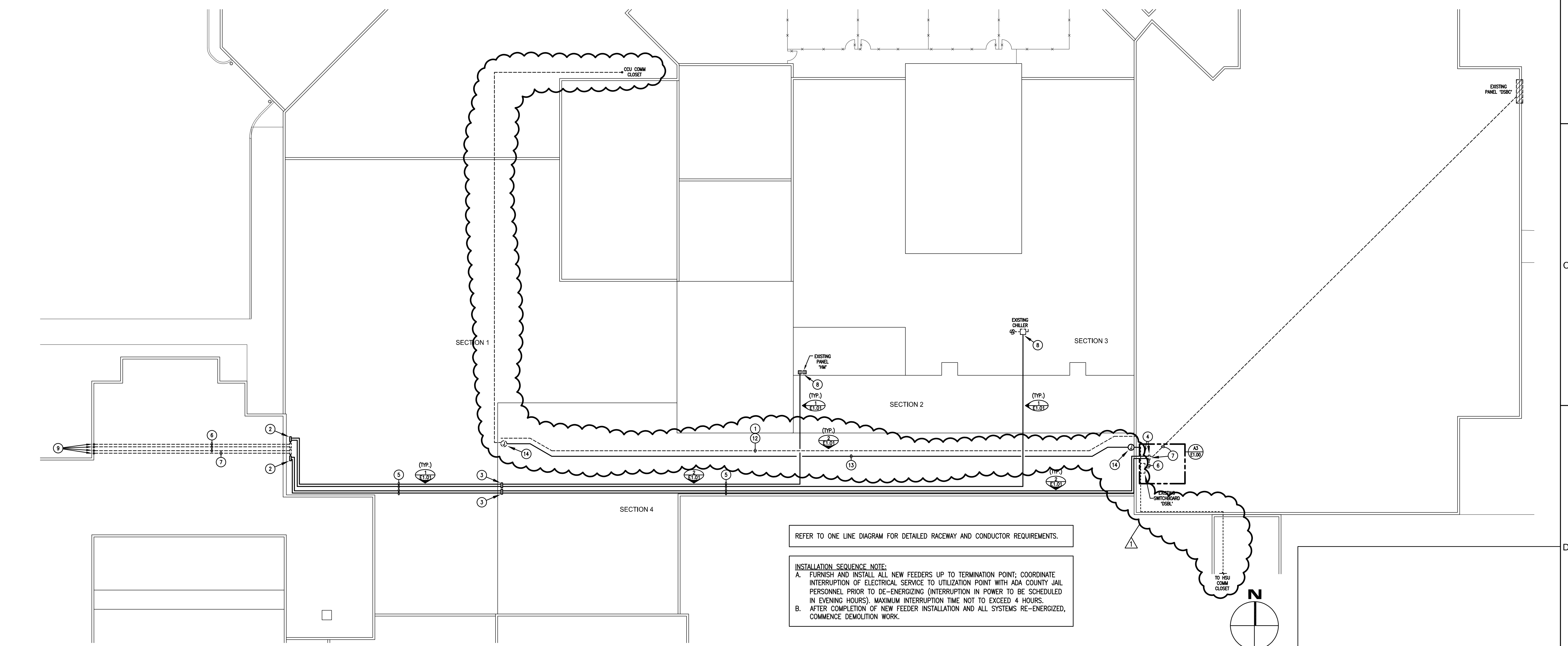
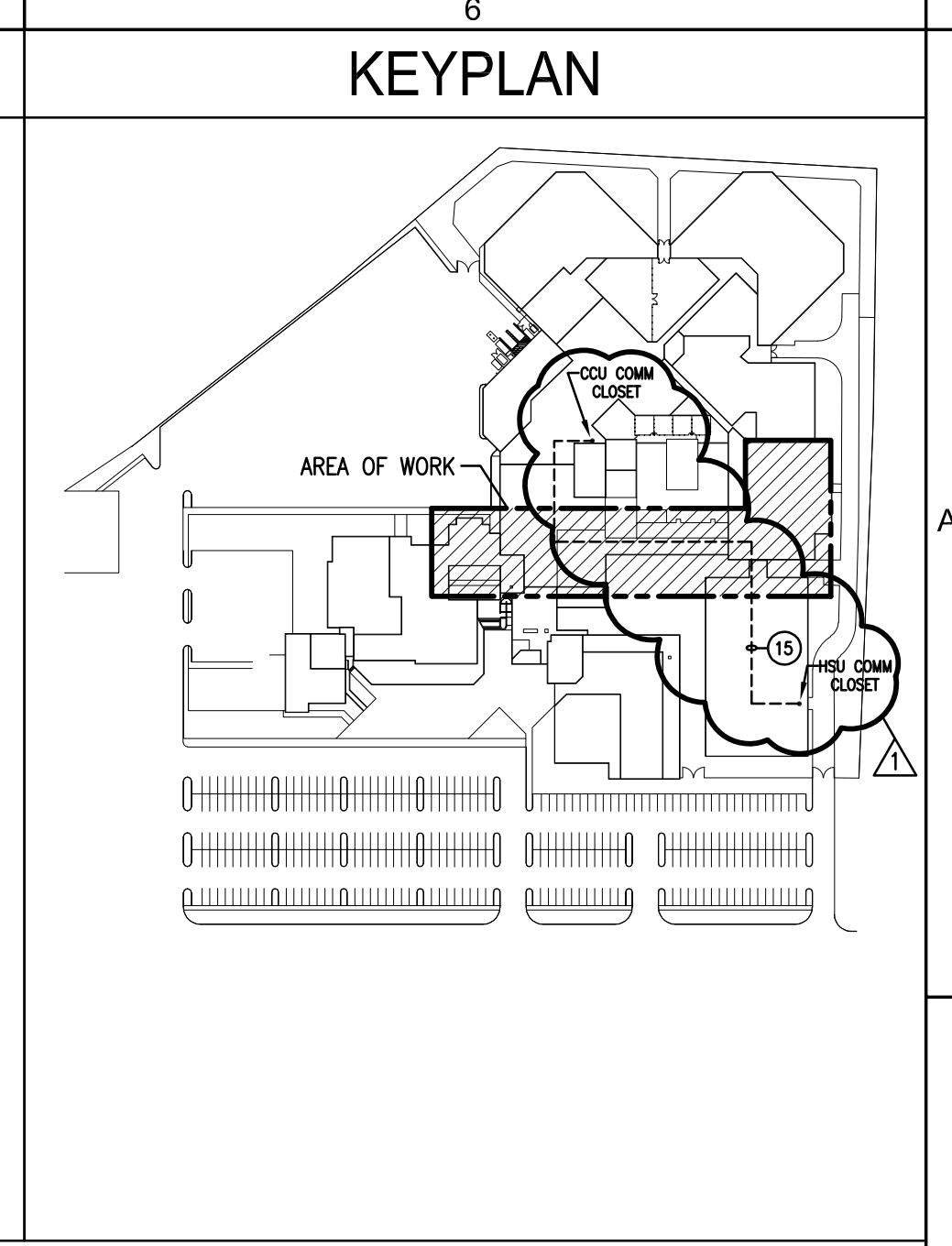
**A3 ELEC. 110 ELECTRICAL PLAN**  
SCALE: 1/4" = 1'-0"



**SECTION 4 ROOF MOUNTED CONDUIT INSTALLATION DETAIL**  
NOT TO SCALE

- ### SHEET KEYNOTES
1. ROTATE EXISTING COMMUNICATIONS RACEWAYS, (1) 3/4", (1) 1", (3) 1 1/2" AND (4) 3". RE-SUPPORT RAISED RACEWAYS WITH NEW ROOF SUPPORT SYSTEM.
  2. FURNISH NEW 30"H x 30"W x 12"D NEMA '3R' PULL BOX ADJACENT TO EXISTING PULL BOX; INCLUDE 4" GRC NIPPLES WITH GROUNDING HUBS BETWEEN NEW AND EXISTING BOX.
  3. FURNISH NEW 30"H x 30"W x 12"D NEMA '3R' PULL BOX.
  4. CORE DRILL WALL AND TERMINATE NEW RACEWAYS ON EXISTING PULL BOX LOCATED ABOVE CEILING SPACE OF EXISTING ELECTRICAL ROOM.
  5. FURNISH AND INSTALL NEW RACEWAY AND ASSOCIATED CONDUCTORS; INCLUDE NEW SUPPORT SYSTEM TO ELEVATE RACEWAYS ABOVE ROOF LEVEL.
  6. FURNISH NEW CONDUCTORS THROUGH RACEWAY RECOVERED IN DEMOLITION PHASE OF WORK.
  7. EXISTING CONDUIT AND CONDUCTORS TO REMAIN; UTILIZE INSULATED SPLICE CONNECTORS AND RECONNECT AS REQUIRED.
  8. TERMINATE ON EXISTING EQUIPMENT AS REQUIRED.
  9. FURNISH NEW CONDUCTORS THROUGH THE EXISTING PATHWAY LOCATED IN BASEMENT TO EXISTING 'MSB'.
  10. RE-INSTALL RECOVERED DEVICES IN NEW LOCATIONS; EXTEND CONNECTIONS AS REQUIRED.
  11. FURNISH AND INSTALL NEW 36" x 36" ACCESS PANEL; INCLUDE ASSOCIATED FRAMING WORK FOR SUPPORT OF NEW ACCESS PANEL. COORDINATE EXACT LOCATION OF ACCESS PANEL WITH EXISTING PULL BOX LOCATED ABOVE CEILING.
  12. EXISTING ROOF SUPPORTS TO BE REMOVED BY CONTRACTOR.
  13. NEW CONDUITS (1) 3/4" AND (1) 1" TO ROUTE PARALLEL WITH COMMUNICATIONS RACEWAYS; SUPPORT ALL COMMUNICATIONS RACEWAYS WITH COMMON ROOF SUPPORT SYSTEM.
  14. INTERCEPT EXISTING RACEWAYS AND TERMINATE ON NEW NEMA 3R JUNCTION BOX (12"L x 12"W x 8"D). NEW CONDUITS TO TERMINATE AT JUNCTION BOX ON BOTH ENDS OF RUN.
  15. UPON COMPLETION OF RACEWAY INSTALLATION, RE-PULL FIBER OPTIC CABLE BACK TO HSU COMM ROOM AND TERMINATE AS REQUIRED.

- ### SHEET GENERAL NOTES
1. COORDINATE LOCATION OF DISCONNECTING MEANS AT MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION. DO NOT INSTALL ON ACCESS PANELS, AIR INTAKES, OR IN LOCATIONS THAT COVER EQUIPMENT NAMEPLATE.
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  8. REVIEW AND COORDINATE ALL EQUIPMENT CONNECTIONS WITH SUBMITTALS, SHOP DRAWINGS, AND MANUFACTURER'S INSTRUCTIONS FOR ALL ELECTRICALLY OPERATED EQUIPMENT SUPPLIED BY OTHER DIVISIONS OF WORK PRIOR TO COMMENCING WORK. NOTIFY ARCHITECT IN WRITING OF ANY DISCREPANCIES IN ELECTRICAL CONNECTIONS BASED UPON REVIEW.
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  11. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL ELECTRICAL CONNECTIONS TO FIRE ALARM SYSTEM CONTROL PANELS AND COMPONENTS AS REQUIRED BY FIRE ALARM DESIGNER AND CONTRACTOR.



**D1 PARTIAL ROOF ELECTRICAL PLAN**  
SCALE: 1/16" = 1'-0"

REFER TO ONE LINE DIAGRAM FOR DETAILED RACEWAY AND CONDUCTOR REQUIREMENTS.

**INSTALLATION SEQUENCE NOTE:**  
 A. FURNISH AND INSTALL ALL NEW FEEDERS UP TO TERMINATION POINT; COORDINATE INTERRUPTION OF ELECTRICAL SERVICE TO UTILIZATION POINT WITH ADA COUNTY JAIL PERSONNEL PRIOR TO DE-ENERGIZING (INTERRUPTION IN POWER TO BE SCHEDULED IN EVENING HOURS). MAXIMUM INTERRUPTION TIME NOT TO EXCEED 4 HOURS.  
 B. AFTER COMPLETION OF NEW FEEDER INSTALLATION AND ALL SYSTEMS RE-ENERGIZED, COMMENCE DEMOLITION WORK.

**LCA Architects, P.A.**  
 ARCHITECTURE - PLANNING - INTERIOR DESIGN  
 1221 Shoreline Lane  
 Boise, Idaho 83702  
 PHONE: (208) 345-6677 - FAX: (208) 344-8002

**RE-BID OF PSB ROOF ELECTRICAL FEEDERS AND COMMUNICATION RACEWAY REVISIONS BID 19042**

**PARTIAL ROOF ELECTRICAL PLAN**

DATE: 2/5/19  
 ADDED: #1

DESCRIPTION: PARTIAL ROOF ELECTRICAL PLAN

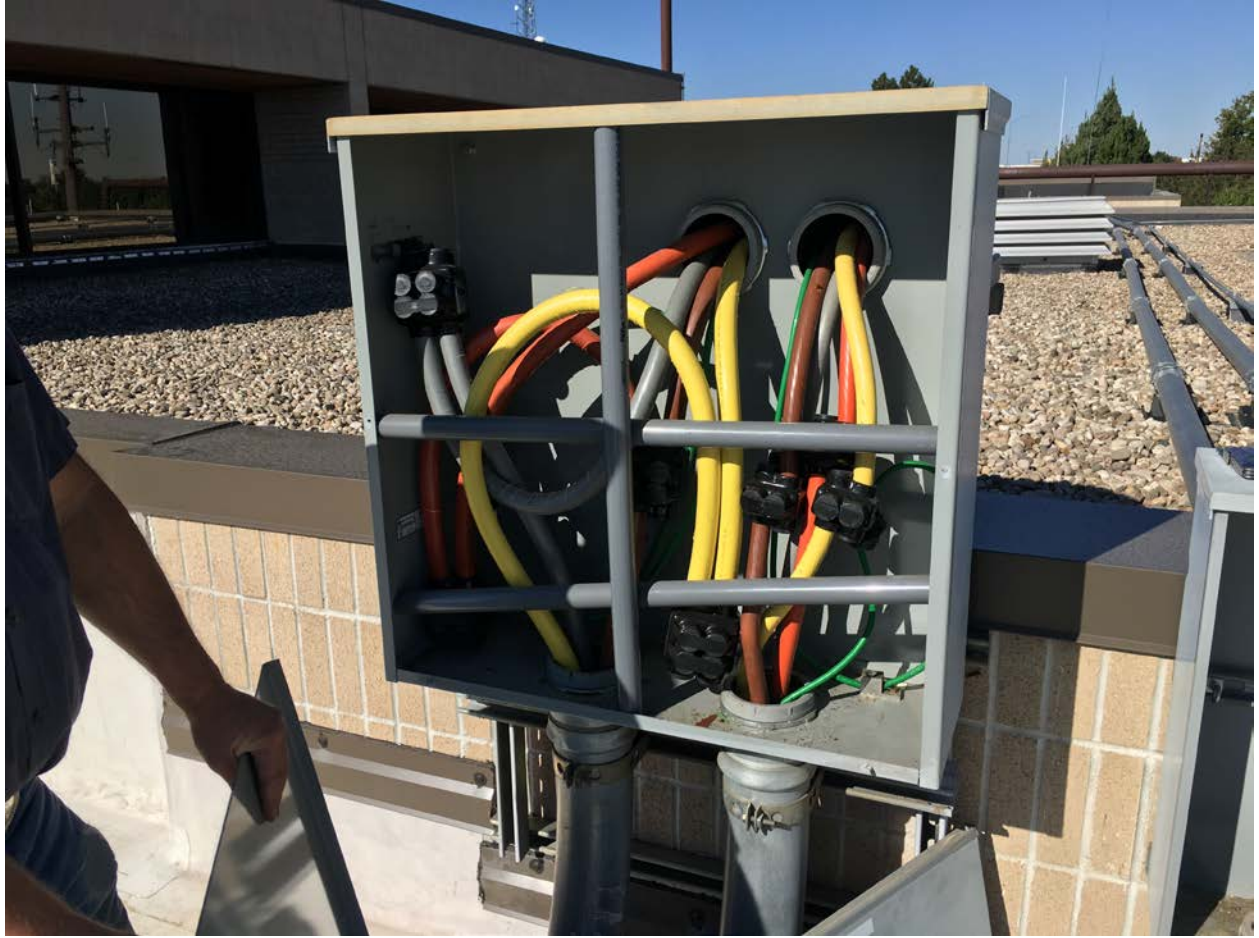
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EIDAM & ASSOCIATES PROJECT NUMBER 18-072





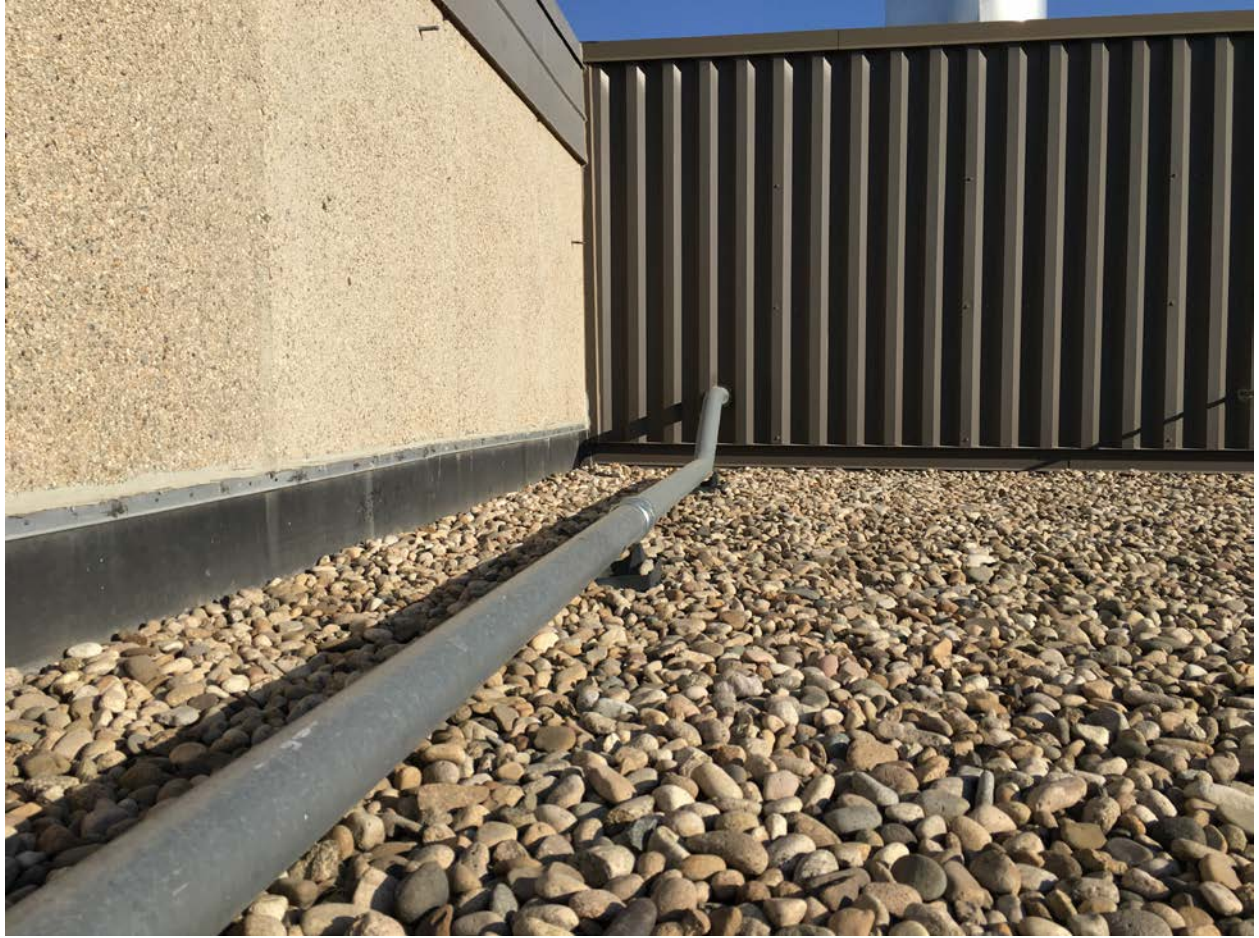






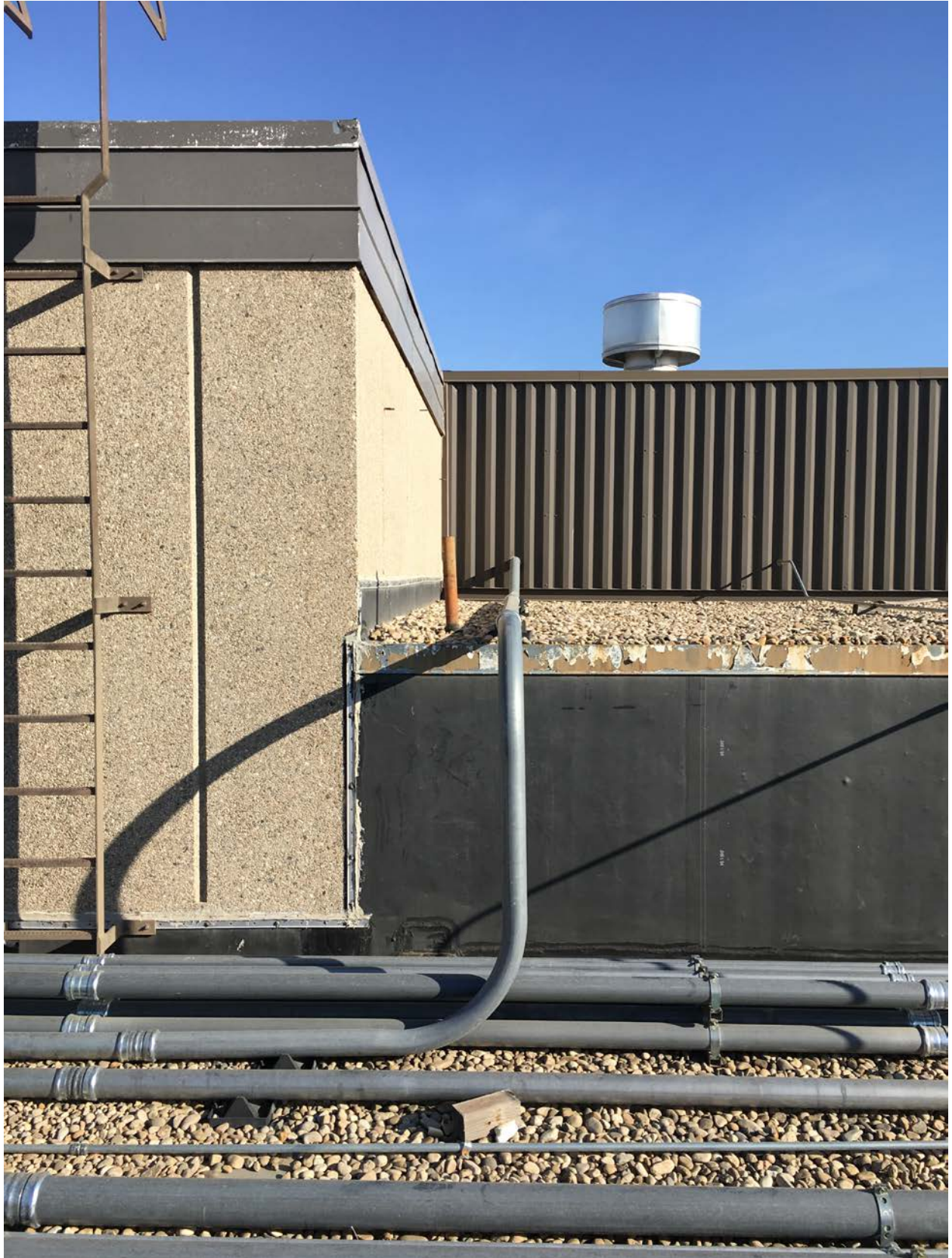




































**PRE-BID MEETING SIGN-IN SHEET**

**Project: Bid 19042 Re-Bid of PSB Roof Electrical Feeder and Communication Raceway Revisions**

**Date: 1/31/19 Time: 2:00 p.m.**

**MANDATORY**  Yes  No

**PLEASE PRINT LEGIBLY: All attendees must sign in, including all Ada County employees in attendance.**

NAME		COMPANY	PHONE NO.	EMAIL	FAX NO.
Name	(MIKE) James Miller	Company	Phone 208-272-0777	Fax Mike@eidam-assoc.com	
Name	David Hoots	Company	Phone 208-322-2334	Fax david@pwrplusinc.com	
Name	Alan Krishnek	Company	Phone 208-866-1575	Fax akrishnek@pwrplusinc.com	
Name	Rich Rice	Company	Phone	Fax	
Name	Robyn Swaney	Company	Phone	Fax	
Name	Jacob Muttart	Company	Phone	Fax	
Name	PAUL LAWRENCE	Company	Phone 208 571 3406	Fax	
Name	Jorge Martinez	Company	Phone	Fax	
Name	D PRICE KRISKO	Company	Phone (208) 287-7124	Fax (208) 287-7109	
			Email bkrisko@adacounty.id.gov		

