

# Addendum No. 1

## Rock River Water Reclamation District Substation 3-6 Electrical Upgrades Capital Project No. 2023

This Addendum Number 1, dated June 6, 2019, for the above referenced project, supersedes all contrary and conflicting information in the specifications and contract documents, which are hereby supplemented or revised as follows:

### **PRE-BID MEETING**

1. The minutes and attendance sheet from the mandatory Pre-Bid Meeting held June 4, 2019 are attached. Questions, comments, discussion, information, and clarifications included in the minutes are hereby considered part of the Contract Documents.

### **PROJECT SPECIFICATION REVISIONS AND ADDITIONS**

#### Section I, Article 1, Notice to Bidders

1. REVISE ARTICLE 1 as follows:
  - a. The bid opening date shall be changed to June 18, 2019 at 9:00 a.m.
  - b. All underground construction, paving, testing, and restoration shall be completed by January 15, 2020.

#### Section I, Article 2, Instructions to Bidders

1. PART 3.10.1: REVISE Part 3.10.1 as follows:  
The Schedule of Values must be included, in a separate, sealed envelope, with the bid.

#### Section I, Article 3, Technical Specifications

1. SECTION 26 05 43: REVISE Part 2.1 as follows:  
REPLACE Paragraph 2.1A as follows: All 90-degree bends for conduit 1-1/2" and larger shall be made with a black mastic coated rigid steel conduit elbow per Paragraph 3.4F. PVC coated rigid conduit is not permitted.
2. SECTION 26 09 00: REVISE Part 3.1 as follows:  
REVISE the first sentence of Paragraph 1.5(1) as follows: The Contractor shall provide standby backup power to the Aqua-Nereda Facility and the Admin 2 Building from the time that Transformer T-3 is removed until project completion.

#### Section II, Contract Forms

1. PROPOSAL: REVISE the Proposal as follows:
  - a. Completion Date: January 15, 2020
2. AGREEMENT: REVISE Part 10 Time as follows:
  - a. The completion date for this project shall be January 15, 2020.

### **PROJECT PLAN REVISIONS AND CLARIFICATIONS**

1. The following plan sheets have been revised. Revised plan sheets are attached and shall replace original plan sheets:
  - a. Drawing E104 has been updated to reflect a change in the entry point for the 480V duct bank re-feed to the Admin 2 Building.
    - i. One electrical hand hole and one communications hand hole has been added. See attached Sheet ADE1.1.
    - ii. Notes #13 and #19 have been revised to reflect the changes to the Admin 2 Building duct bank re-feed. See attached Sheet ADE1.2
  - b. Drawing E108 has been updated to reflect changes in the panel and conduit entry locations. See attached Sheet ADE1.3

- c. REPLACE Keynote Note #1 on Drawing E108 as follows:  
CONDUIT TO ENTER BUILDING MINIMUM 2'-0" BELOW GRADE. PROVIDE DOUBLE  
LINK SEAL(INNER/OUTER) ON 24" THICK FOUNDATION WALL AND SEAL  
CONDUITS PER SECTION 25 05 43. COMPLETELY REMOVE EXISTING WOODEN  
STORAGE STRUCTURE TO ALLOW FOR NEW CONSTRUCTION.

This information shall be taken into consideration when preparing your bid. This addendum will be E-mailed to all plan holders as well as posted to the District's website at [www.rrwrddst.il.us](http://www.rrwrddst.il.us).

**End of Addendum No. 1**

Issued June 6, 2019

**Rock River Water Reclamation District**

Christopher T. Baer, P.E.  
Engineering Manager

**ROCK RIVER WATER RECLAMATION DISTRICT**  
**SUBSTATION 3-6 ELECTRICAL UPGRADES**  
**CAPITAL PROJECT #2023**

MANDATORY PRE-BID MEETING – **OFFICIAL MINUTES**  
10:00 AM, June 4, 2019 at RRWRD Graceffa Administration Building  
3501 Kishwaukee Street, Rockford IL

**I. General**

- A. Attendance Sheet – **please see attached.**
- B. Project Description.  
The project consists of installing new 3200A Switchgear and 2500kVA transformers to replace the existing 1600A Power Center 2.

**II. Contract**

- A. Bids are due at 2:00 P.M. on Friday, June 14, 2019 at the District's office at which time they will be read aloud. **A request was made to extend the bid date. See Addendum No. 1 for revised bid requirements.**
  - 1. Bids will only be accepted from Contractors that are in attendance at the Pre-Bid Meeting.
  - 2. Submitted Bids shall include all items listed in the bid packet, including:
    - a. Completed Proposal.
    - b. Bid Bond (10%) on District form provided in the Specifications.
    - c. Fair Employment Practices Affidavit on District form provided (must include Illinois Department of Human Rights Registration number).
    - d. Contractor Statement of Qualifications (Art. 2, Part 3.8). Requirement that "the bidder shall document no less than three (3) contracts for **wastewater treatment plant electrical** systems within the past five (5) years having equal or greater value to the bid being submitted" will not apply to this Contract and will be removed via formal Addendum.
- B. This is a Lump Sum Contract. The apparent low bidder must submit a Schedule of Values within 2 business days of the bid opening.
- C. Tentative bid award date is the June 24, 2019 RRWRD Board Meeting.
- D. Project Completion: All work is to be completed by December 1, 2019. Liquidated damages are \$300 per calendar day. A construction schedule shall be submitted upon project award. **A request was made to extend the construction completion date due to potential delivery delays. See Addendum No. 1 for revised contract completion date.**
- E. Insurance and Bonding documentation shall be provided to the District no more than 10 calendar days after the Notice of Award is issued.
- F. Submittals: Required submittals are listed in the applicable sections of Article 3: Technical Specifications.
- G. Progress Payments: On a monthly basis, Progress Payments must be accompanied by certified payrolls and waivers of lien. Documentation shall be submitted to the District no later than the 5<sup>th</sup> day of the month for consideration at that month's Board meeting. If approved, payment will be made by the 5<sup>th</sup> day of the following month.
- H. Project Review Meetings: Anticipate meetings at the project site to review schedule, submittals, and coordination. **No project trailer required.**

**III. Access and Utilities**

- A. District will provide an access card and FOB for plant gates. Contractor shall return them to the Project Engineer at completion of the project.
- B. Work hours shall be 7:00 AM to 5:00 PM Monday through Friday (excluding District holidays). No work can be performed outside of the designated work hours without written approval from the District.

- C. Contractor parking and storage areas shall only be in designated areas. If the Contractor desires a field office, the location shall be coordinated with the District (Contractor will be responsible for temporary power connection and will be charged District rates for electricity supplied).
- D. Contractor shall maintain access to Plant Operations at all times throughout the duration of the project.
- E. Water supply is available near each project site. Should the Contractor wish to use this water source, it will be billed at \$6.67/CCF and deducted from the final payment.
- F. Limited electric supply (120 Volt) is available at each project site. Any additional electric needs beyond that shall be provided by the Contractor at no additional cost to the District.
- G. Contractor shall provide and maintain temporary sanitary facilities for all employees for the duration of the project.

**IV. General and Project Specific Construction**

- A. All existing equipment shall be protected from damage of any kind.
- B. The Contractor shall notify Engineering and Plant Operations a minimum of 5 days prior to starting work.
- C. The Contractor shall provide a temporary concrete washout facility.
- D. The following submittals are required to be approved by the District prior to any work beginning:
  - 1. Detailed Project Schedule/Sequencing Plan
  - 2. Site Safety Plan

**V. Facility Walk-Through: Summary of items discussed is listed below under VI. Questions.**

**VI. Questions**

- 1. The new switchgear carries 3 loads. Power must be maintained to AquaNereda and the control center in Admin 2. The standby generator must remain on site until the entire system is in operation.
- 2. Emphasis was given to the many utilities that will be crossed while installing the duct bank.
- 3. No fiber will be installed as part of this contract, only the pathways for the fiber.
- 4. The refurbished transformer is on site. The Contractor will be responsible for moving it to the project location for installation. The existing transformers will be moved to the site where the refurbished transformer is being stored.
- 5. There are no spare conduits to Building 24 that are available for use.
- 6. PVC coating will not be allowed for use on rigid elbows.
- 7. Long sweep rigid elbows required for fiber pathways per Section 27 05 28.
- 8. SDS will complete the coordination study. The Contractor will be responsible for the stickers.
- 9. Third party testing company will oversee factory testing and field testing. The Contractor will be responsible for the NETA testing per Sections 26 23 00 and 26 91 00. The manufacturer will be responsible for field bench testing and start-up per Section 26 23 00.
- 10. Existing manholes will need to be pumped out.
- 11. Dewatering will be required for duct bank installation.

In addition to the above, below is a summary of questions, comments, discussion, and further clarifications that were provided during the Facility Walk-Through.

- 1. The salvage number will not be used to determine contract award.
- 2. The Contractor will be responsible for removing and disposing of wood framing in basement of Admin 3 building.
- 3. The overhead electrical feed near the new substation location was pointed out.
- 4. The areas where there are currently scrub trees can be restored with grass.
- 5. The excavator can enter the site from Martin Road, behind the AquaNereda facility.
- 6. No construction equipment can be placed on top of the auxiliary overflow channel.

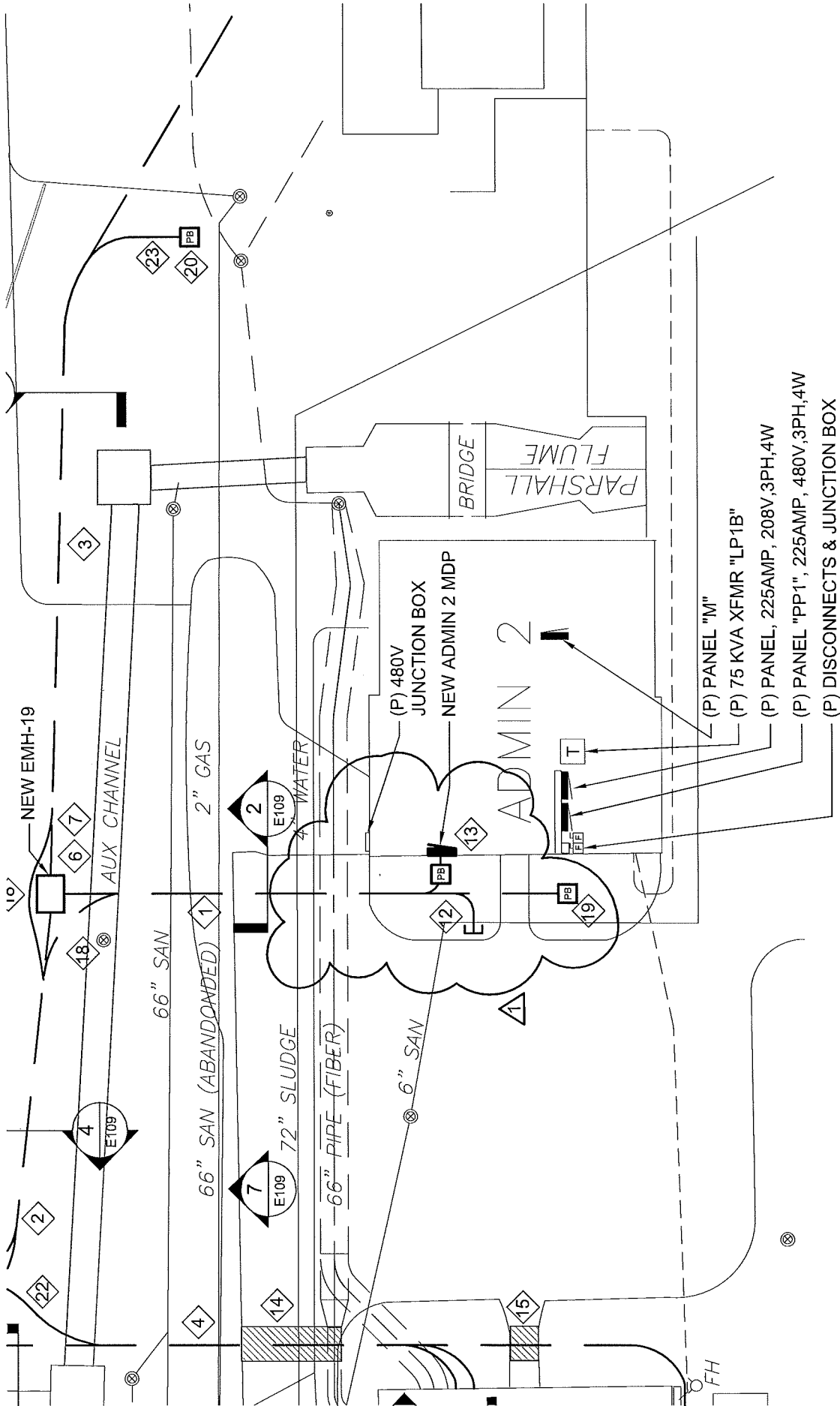
Date: June 4, 2019

Time: 10:00 a.m.

## PRE-BID MEETING ATTENDANCE SHEET

**Project: Substation 3-6 Electrical Upgrades, Cap. Project #2023**

Name of Individual	Company	Company Address	Phone #	Email
Alice Ohrtmann	Rock River Water Reclamation District	3501 Kishwaukee St. Rockford, IL 61126	815-387-7635	<a href="mailto:AOhrtmann@rrwr.dst.il.us">AOhrtmann@rrwr.dst.il.us</a>
Christopher Baer	Rock River Water Reclamation District	3501 Kishwaukee St. Rockford, IL 61126	815-387-7678	<a href="mailto:CBaer@rrwr.dst.il.us">CBaer@rrwr.dst.il.us</a>
Warren Adam	Rock River Water Reclamation District	3501 Kishwaukee St. Rockford, IL 61126	815-871-0787	<a href="mailto:WAdam@rrwr.dst.il.us">WAdam@rrwr.dst.il.us</a>
Greg Cassaro	Rock River Water Reclamation District	3501 Kishwaukee St. Rockford, IL 61126	815-354-9586	<a href="mailto:GCassaro@rrwr.dst.il.us">GCassaro@rrwr.dst.il.us</a>
Larry McFall	Rock River Water Reclamation District	3501 Kishwaukee St. Rockford, IL 61126	815-387-7584	<a href="mailto:LMcFall@rrwr.dst.il.us">LMcFall@rrwr.dst.il.us</a>
BRIAN Foltz	Ballard Co.	3555 ELECTRIC AVE.	815-813-9686	brian.foltz@ballardcos.com
Tom Lindquist	Ballard Co.			tomL@ballardcos.com
Mike Vlasnik	Special Power	1226 18th Ave	815-262-1357	mike@specialpower.com
SCOTT BAIER	SDS ENGINEERING	3600 E-STATE ST	815-399-3381	SCOTT@SDSENGROUP.COM
Jellyn Swanson	MONROE ELEC.	500 W. <del>STATE</del> FREEPORT, IL	815-856-7311	JSwanson@fremonreelect.com



SHEET E104

06-04-19  
 CIP# 2023  
 ADE-1.1



**SUBSTATION 3-6 ELECTRICAL UPGRADES**  
 Rock River Water Reclamation District  
 3333 Kishwaukee St.  
 Rockford, Illinois 61109

# X KEY NOTES FOR THIS SHEET

1. NEW 1X5 DUCT BANK WITH COMMUNICATIONS CONDUIT & NEW FEEDER TO NEW ADMIN 2 BUILDING MDP.
2. NEW 4X4 DUCT BANK WITH COMMUNICATIONS CONDUIT & NEW FEEDERS TO ADMIN 2 AND AquaNereda ATS.
3. NEW 2X3 DUCT BANK WITH COMMUNICATIONS CONDUIT TO PB WITH NEW FEEDERS TO AquaNereda ATS.
4. NEW 4X4 DUCT BANK WITH NEW FEEDER TO EXISTING ADMIN 3 BLDG SERVICE.
5. NEW 1X3 DUCT BANK WITH NEW FEEDER TO EXISTING ADMIN 3 SERVICE.
6. NEW ELECTRICAL MANHOLE EMH-19. SEE DETAIL ON SHEET E109
7. TIE IN NEW DUCT BANKS TO NEW ELECTRICAL MANHOLE EMH-19.
8. PULL BOX FOR FUTURE.
9. PULL BOX FOR FUTURE SUPPORT SERVICES BUILDING.
10. NEW 4X4 DUCT BANK FROM NEW SWGR 3-6 TO PULL BOX FOR FUTURE SUPPORT SERVICES.
11. NEW 1X2 DUCT BANK FROM NEW SWGR 3-6 TO PULL BOX FOR FUTURE.
12. ~~NEW 4X2 DUCT BANK CARPED FOR FUTURE GRIT 2 BUILDING.~~
13. NEW 1X2 DUCT BANK WITH NEW FEEDER TO NEW FEEDER TO ADMIN 2 MDP; ROUTE CONDUIT UNDER SLAB TO NEW PANEL. COORDINATE FINAL ADMIN-2 MDP PANEL LOCATION AND SECONDARY FEEDERS WITH NEW ARCHITECTURAL PLANS CURRENTLY IN DESIGN.
14. ~~CUT AND PATCH ASPHALT DRIVE FOR DUCT BANK CROSSING~~
15. CUT AND PATCH CONCRETE FOR NEW DUCT BANK CROSSING
16. MOUNT ATS ON CONCRETE PAD WITH STAINLESS STEEL UNISTRUT SUPPORT FRAME ADJACENT TO EXISTING RETAINING WALL TO ALLOW FOR FUTURE BUILDING CONSTRUCTION.
17. INSTALL 4" CONDUIT FROM SWITCHGEAR COMMUNICATIONS COMPARTMENT TO COMMUNICATIONS HANDHOLE. FIBER AND FIBER OPTIC TRANSCEIVERS WILL BE INSTALLED BY OWNER.
18. ~~COMMUNICATIONS CONDUIT TO BYPASS ELECTRICAL MANHOLE.~~
19. PROVIDE COMMUNICATIONS HANDHOLE FOR TERMINATION OF FIBER DUCT; COORDINATE FINAL LOCATION WITH DISTRICT PRIOR TO ROUGH-IN.
20. ~~PULL BOX FOR COMMUNICATIONS FIBER.~~
21. NEW DUCTBANK WITH 4" CONDUIT TO EXISTING COMMUNICATIONS HANDHOLE.
22. NEW DUCTBANK WITH 4" COMMUNICATIONS CONDUIT TO ADMIN-3 BUILDING
23. NEW DUCTBANK WITH 4" COMMUNICATIONS CONDUIT TO AquaNered Pull Box



SHEET E104

06-04-19

CIP# 2023

ADE-1.2



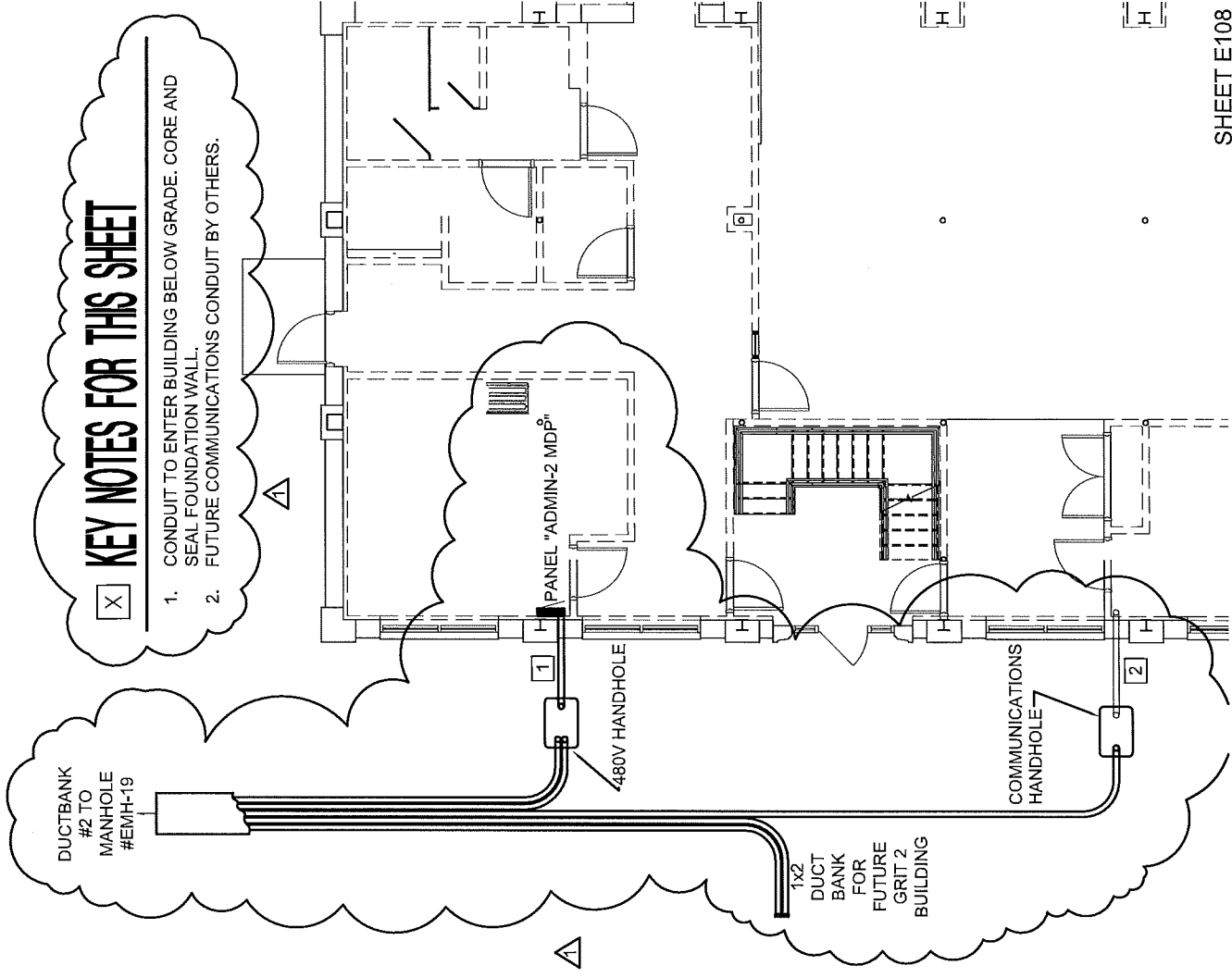
**SYSTEMS DESIGN SERVICE**  
engineering

3800 EAST STATE STREET • SUITE 216 • ROCKFORD, ILLINOIS • 61108  
PHONE (815) 399-3391 FAX (815) 399-3393 WWW.SDSAECC.COM  
IL PROF. DESIGN FIRM #194.004999

## SUBSTATION 3-6 ELECTRICAL UPGRADES

Rock River Water Reclamation District

3333 Kishwaukee St.  
Rockford, Illinois 61109



**KEY NOTES FOR THIS SHEET**

- 1. CONDUIT TO ENTER BUILDING BELOW GRADE. CORE AND SEAL FOUNDATION WALL.
- 2. FUTURE COMMUNICATIONS CONDUIT BY OTHERS.

SHEET E108

06-04-19  
 CIP# 2023  
 ADE-1.3



**SUBSTATION 3-6 ELECTRICAL UPGRADES**  
 Rock River Water Reclamation District  
 3333 Kishwaukee St.  
 Rockford, Illinois 61109