

## ADDENDUM NO. 1

TO: PLANS AND SPECIFICATIONS FOR STATE OF MISSOURI

Upgrade West Campground Utilities  
Missouri State Fairgrounds  
Sedalia, Missouri  
PROJECT NO. F1903-01

Bid Opening Date is CHANGED: 1:30 PM, Thursday, October 24, 2019 (CHANGED)

Bidders are hereby informed that the Construction Plans and/or Specifications are modified as follows:

**Revised Bid Form is attached.** Bidders must use the Bid Form marked **REVISED PER ADDENDUM NO. 1** to bid this project.

### **SPECIFICATION CHANGES:**

1. Section 001116 – Invitation For Bid
  - a. REVISE Paragraph 3.0-A as follows:
    - A. Until: 1:30 PM, Thursday, October 24, 2019
2. Section 004113 – Bid Form
  - a. The completion date in Paragraph 4.0-A is revised to June 1, 2020.  
**Bidders must use the attached revised Bid Form to bid this project.**
3. Section 011000 – Summary of Work
  - a. REVISE Paragraph 1.4-A.1 as follows:
    1. Work shall be substantially complete by June 1, 2020.

### **DRAWING CHANGES:**

1. Sheet C501
  - a. Revise pipe material for water service riser on Detail 5.
  - b. Add transition coupling from PEX to Type K Copper on Detail 5.
  - c. Add pipe schedule for typical bollard on Detail 6.  
See attached revised drawing.
2. Sheet E502
  - a. Added Detail 4, Panelboard Support Detail. See attached revised drawing.
3. Sheet E503
  - a. Added Typical Transformer – Sectionalizer Detail. See attached revised drawing.

### **GENERAL COMMENTS:**

1. The Pre-Bid Meeting was held October 9, 2019 followed by a walk-through of the site. The Pre-Bid Meeting sign-in sheet is attached.
2. Bidders needing additional site inspection should contact Jason Moore at 660-530-5617 to schedule a time.

3. Please contact Mandy Roberson, Contract Specialist, at 573-522-0074 or [mandy.roberson@oa.mo.gov](mailto:mandy.roberson@oa.mo.gov) for questions about bidding procedures and MBE\WBE\SDVE goals and submittal requirements.
4. The deadline for technical questions was Monday, October 14, 2019.
5. Changes to, or clarification of, the bid documents are only made as issued in the addenda.
6. All correspondence with respect to this project must include the State of Missouri project number as indicated above.
7. Current Planholders list is available online at: <https://www.adsplanroom.net/jobs/181/planholders/f1903-01-upgrade-west-campground-utilities-missouri-state-fairgrounds>
8. Prospective Bidders contact American Document Solutions, 1400 Forum Blvd Suite 7A, Columbia MO 65201, 573-446-7768 to order official plans and specifications.

**ATTACHMENTS:**

1. Pre-Bid Meeting Sign-In Sheet
2. Section 004113 – Bid Form
3. Sheet C501
4. Sheet E502
5. Sheet E503

**October 15, 2019**

**END ADDENDUM NO. 1**

## MEETING ATTENDANCE RECORD

Project: F1903-01 / F1905-01  
 Client: Mo State Fairgrounds  
 RE: Pre - Bid Meeting

Antella Project No.: \_\_\_\_\_  
 Meeting Date: 10/9/2019  
 Meeting Time: 9 AM  
 Meeting Location: Sedalia, MO

NAME	COMPANY	TELE/FAX	EMAIL
<u>Scott Jensen</u>	<u>Antella</u>	<u>816-421-0950</u>	<u>sjensen@antella-inc.com</u>
<u>Tim Burfeind</u>	<u>SH Design</u>	<u>913-451-1818</u>	<u>tburfeind@shdg.com</u>
<u>JASON MOORE</u>	<u>MSF</u>	<u>660-281-6333</u>	<u>Jason.Moore@mda.mo.gov</u>
<u>Jared Cook</u>	<u>OA/FMDC</u>	<u>573-690-6733</u>	<u>jared.cook2@oa.mo.gov</u>
<u>Randy Duncan</u>	<u>OA/FMDC</u>	<u>573-612-4395</u>	<u>randy.duncan@oa.mo.gov</u>
<u>Doug Haley</u>	<u>MEC</u>	<u>660-287-5555</u>	<u>doug.haley@melect.com</u>
<u>Oscar Ballard</u>	<u>MEC</u>	<u>660-525-2712</u>	<u>Oscar.Ballard@melect.com</u>
<u>Duane Points</u>	<u>MEC</u>	<u>660-287-5145</u>	<u>duane.points@melect.com</u>
<u>Zack Kallefleiter</u>	<u>All Pro Electrical</u>	<u>660-747-0090</u>	<u>zkallefleiter@allproelectrical.com</u>
<u>Sam Shippy</u>	<u>All Pro</u>	<u>660-909-3900</u>	_____
<u>Jimmy Coffland</u>	<u>All Pro Electrical</u>	<u>660-909-6317</u>	<u>Jimmy.Coffland@gmail.com</u>
<u>Eric Friga</u>	<u>Friga Construction</u>	<u>417-887-7134</u>	<u>eric@frigainc.com</u>

## MEETING ATTENDANCE RECORD

Project: \_\_\_\_\_

Antella Project No.: \_\_\_\_\_

Client: \_\_\_\_\_

Meeting Date: \_\_\_\_\_

Meeting Time: \_\_\_\_\_

RE: \_\_\_\_\_

Meeting Location: \_\_\_\_\_

<u>NAME</u>	<u>COMPANY</u>	<u>TELE/FAX</u>	<u>EMAIL</u>
<u>STEVE MCKAY</u>	<u>RYAN CONSTRUCTION CO</u>	<u>573-814-2556</u>	<u>SMCKAY79@EMBARQ.IL.COM</u>
<u>Mike Kroeger</u>	<u>Ace Pro Contracting</u>	<u>660-620-5176</u>	<u>aceprohvac@yahoo.com</u>
<u>Drew Wilde</u>	<u>Pro-Prost JV (SDVE)</u>	<u>(573) 305-6711</u>	<u>estimating@prostbuilders.com</u>
<u>LEROY ROBERTS</u>	<u>REINHOLD ELECTRIC</u>	<u>573-5399357</u>	<u>LEROY@REINHOLD.ELECTRIC.COM</u>
_____	_____	_____	_____
_____	_____	_____	_____
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_____	_____	_____	_____

# STATE OF MISSOURI

Bid Time: 1:30 PM

Bid Date: \_\_\_\_\_

## SECTION 004113 - BID FORM

REVISED PER ADDENDUM NO. 1

### 1.0 BID:

A. From:

\_\_\_\_\_  
(Bidder's Name)

herein after called the "**Bidder**".

B. To:

Director, Division of Facilities Management, Design and Construction  
Room 730, Harry S Truman State Office Building  
301 West High Street  
Jefferson City, Missouri 65102

herein after called the "**Owner**."

C. For:

Upgrade West Campground Utilities  
Missouri State Fairgrounds  
Sedalia, MO

D. Project Number:

F1903-01

hereinafter called the "**Work**."

E. Documents:

The undersigned, having examined and being familiar with the local conditions affecting the work and with the complete set of contract documents, including the Drawings, the Invitation For Bid, Instructions To Bidders, Statement of Bidders Qualifications, General Conditions, Supplement to General Conditions, and the technical specifications, including: addenda number \_\_\_\_\_ through \_\_\_\_\_ hereby proposes to perform the Work for the following:

F. Bid Amount:

\_\_\_\_\_  
Dollars (\$ \_\_\_\_\_)

G. Allowances:

See Section 012100 for details.

### 2.0 MBE/WBE/SDVE PERCENTAGE OF PARTICIPATION PROJECT GOALS:

This project's specific goals are: **MBE** 10.00% **WBE** 10.00%, and **SDVE** 3.00%. NOTE: Only MBE/WBE firms certified by a State of Missouri public entity, and SDVE(s) meeting the requirements of Section 34.074, RSMo, and 1 CSR 30-5.010, as of the date of bid opening, can be used to satisfy the MBE/WBE/SDVE participation goals for this project.

### 3.0 BID BOND

A. Accompanying the bid is: \_\_\_ 5% Bid Bond or \_\_\_ Cashier's Check/Bank Draft for 5% of base bid that is payable without condition to the Division of Facilities Management, Design and Construction, State of Missouri, as per Article 5 of "Instructions To Bidders".

### 4.0 CONTRACT COMPLETION TIME AND LIQUIDATED DAMAGES

A. The Bidder agrees to complete the work by June 1, 2020. This includes ten (10) working days for document mailing and processing. The Bidder further agrees to pay to, or allow the State as liquidated damages the sum of \$1,000 for each working day thereafter that the entire work is not substantially complete.

**5.0 ATTACHMENTS TO BID:**

004336	Proposed Subcontractors
004337	MBE/WBE/SDVE Compliance Form
004338	MBE/WBE/SDVE Joint Venture Form
004339	MBE/WBE/SDVE Waiver Form
004340	SDVE Business Form
004541	Affidavit of Work Authorization

**6.0 BIDDER'S CERTIFICATIONS:**

- A. The Bidder agrees to pay not less than the hourly rate of wages as determined by the Department of Labor and Industrial Relations, State of Missouri, in accordance with Sections 290.210 to 290.340, RSMo.
- B. The Bidder hereby certifies that this bid is genuine and is not made in the interest of or on behalf of any undisclosed person, firm, or corporation, and is not submitted in conformity with any agreement or rules of any group, association or corporation;  
That he/she has not directly or indirectly induced or solicited any other bidder to put in a false or sham proposal;  
That he/she has not solicited or induced any person, firm or corporation to refrain from submitting a bid;  
That he/she has not sought by collusion or otherwise to obtain for him/herself any advantage over any other bidder or over the Owner.  
That he/she will not discriminate against any employee or applicant for employment because of race, creed, color or national origin in the performance of the work.  
That he/she certifies that he/she has based this proposal upon an official /complete set of contract documents, either obtained from the Owner after Bidder placed himself/herself on the bidders' list or from a secondary source known to the Bidder to have provided a complete and accurate set of contract documents, provided that if Bidder received the contract documents from such a secondary source, any errors or omissions in the contract documents shall be interpreted and construed in favor of the Owner and against the Bidder. This proposal is also based upon the conditions within Article 1.2 of the General Conditions.  
That he/she certifies that he/she will comply with the provisions of Sections 285.230-234, RSMo, regarding transient employers.  
That he/she has enrolled and is and will continue to participate in a federal work authorization program in accordance with Sections 285.525 and 285.530, RSMo for the duration of this contract.

**7.0 CONTACT INFORMATION (mandatory for all bidders):**

Sole Proprietorship/General Partnership  LLC  Limited Partnership  Corporation  Joint Venture

Business Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax Number: \_\_\_\_\_

Federal ID Number: \_\_\_\_\_ or Social Security Number: \_\_\_\_\_

Missouri Business Charter Number: \_\_\_\_\_ (or provide the proper certificate from the Secretary of State)

Contact Name: \_\_\_\_\_ Contact email: \_\_\_\_\_

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**8.0 SIGNATURES:**

**FOR SOLE PROPRIETORSHIPS/GENERAL PARTNERSHIPS ONLY:**

\_\_\_\_\_  
Sole Proprietor's Name (printed) Name each general partner: \_\_\_\_\_

Today's Date: \_\_\_\_\_

I, \_\_\_\_\_, being the sole proprietor/general partner of (name of business) \_\_\_\_\_ (and if the name of said business is other than my legal name, having filed a Registration of Fictitious Name with the Missouri Secretary of State in order to allow me to use such name in connection with my business, as provided by Section 417.200, RSMo, et seq.), do hereby submit this bid and agree to be bound unto the State of Missouri as herein provided (if a general partnership, all partners must sign below).

Signature: \_\_\_\_\_ Signature: \_\_\_\_\_

Signature: \_\_\_\_\_ Signature: \_\_\_\_\_

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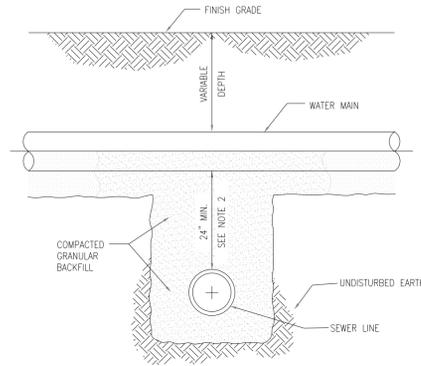
**FOR LIMITED LIABILITY COMPANIES ONLY:**

\_\_\_\_\_ today's date \_\_\_\_\_ State(s) of organization: \_\_\_\_\_  
Manager's (or Managing Member's) Name (printed)

I, \_\_\_\_\_, being the Manager (or Managing Member) of (full legal name of limited liability company from Articles of Organization) \_\_\_\_\_, and being duly authorized to act as herein provided on behalf of said limited liability company, do hereby submit this bid on behalf of said limited liability company and agree that said limited liability company shall be bound unto the State of Missouri as herein provided.

Signature: \_\_\_\_\_

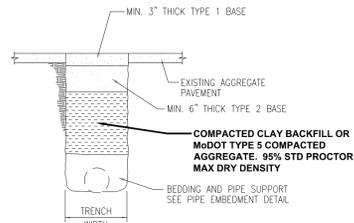




- NOTES:
- SEWERS CROSSING WATER MAINS SHALL BE LAID TO PROVIDE A VERTICAL SEPARATION THAT IS NO LESS THAN 24 INCHES BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF THE SEWER MAIN.
  - THE CROSSING SHALL BE ARRANGED SO THAT THE SEWER LINE CROSSES BELOW THE WATER LINE. CROSSINGS IN WHICH THE SEWER LINE IS ABOVE THE WATER LINE WILL ONLY BE APPROVED ON A CASE BY CASE BASIS.
  - THE CROSSING SHALL BE ARRANGED SO THAT THE ENDS OF A FULL JOINT OF PIPE WILL BE EQUIDISTANT FROM THE WATER MAIN AND AS FAR AS POSSIBLE FROM THE WATER MAIN JOINTS.
  - IF THE VERTICAL SEPARATION BETWEEN THE WATER MAIN AND SEWER MAIN IS LESS THAN 18 INCHES, THE SEWER MAIN SHALL BE D.I.P. OR PRESSURE RATED PVC PIPE WITH A PRESSURE RATING THAT IS EQUAL TO OR GREATER THAN THE WATER MAIN. THE D.I.P. OR PRESSURE RATED P.V.C. MUST BE EXTENDED A DISTANCE 10 FEET ON BOTH SIDES OF THE WATER MAIN. THE TRANSITION BETWEEN PIPE MATERIALS SHALL BE ACCOMPLISHED WITH A RESTRAINED MECHANICAL TYPE JOINT OR FITTING. FLEXIBLE TYPE (FERROD) FITTINGS ARE NOT ACCEPTABLE.
  - FORCE MAIN SEWER LINE AND WATER LINE CROSSINGS SHALL BE REVIEWED ON A CASE BY CASE BASIS.

NOTE:  
1. CONTRACTOR SHALL COORDINATE WITH OWNER'S PERSONNEL FOR POSSIBLE OWNER WORK PRIOR TO BACKFILLING UTILITY TRENCHES.

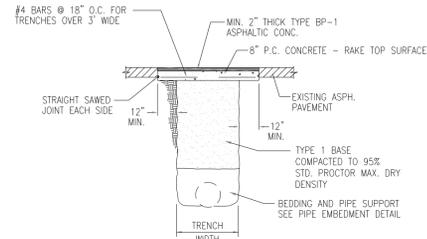
1 GRAVITY SEWER AND WATER LINE CROSSING  
Not to Scale



EXISTING AGGREGATE SURFACING PAVEMENT

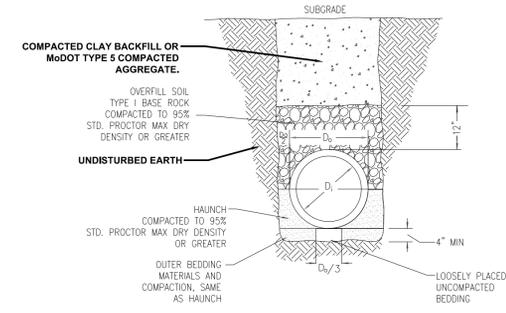
NOTE:  
1. CONTRACTOR SHALL COORDINATE WITH OWNER'S PERSONNEL FOR POSSIBLE OWNER WORK PRIOR TO BACKFILLING UTILITY TRENCHES.

2 EXISTING AGGREGATE PAVEMENT PATCH  
Not to Scale



NOTES:  
1. CONCRETE SHALL BE CLASS A PER PROJECT SPECIFICATIONS.  
2. REINFORCING STEEL SHALL BE GRADE 60.  
3. CONTRACTOR SHALL COORDINATE WITH OWNER'S PERSONNEL FOR POSSIBLE OWNER WORK PRIOR TO BACKFILLING UTILITY TRENCHES.

3 EXISTING ASPHALTIC PAVEMENT PATCH  
Not to Scale

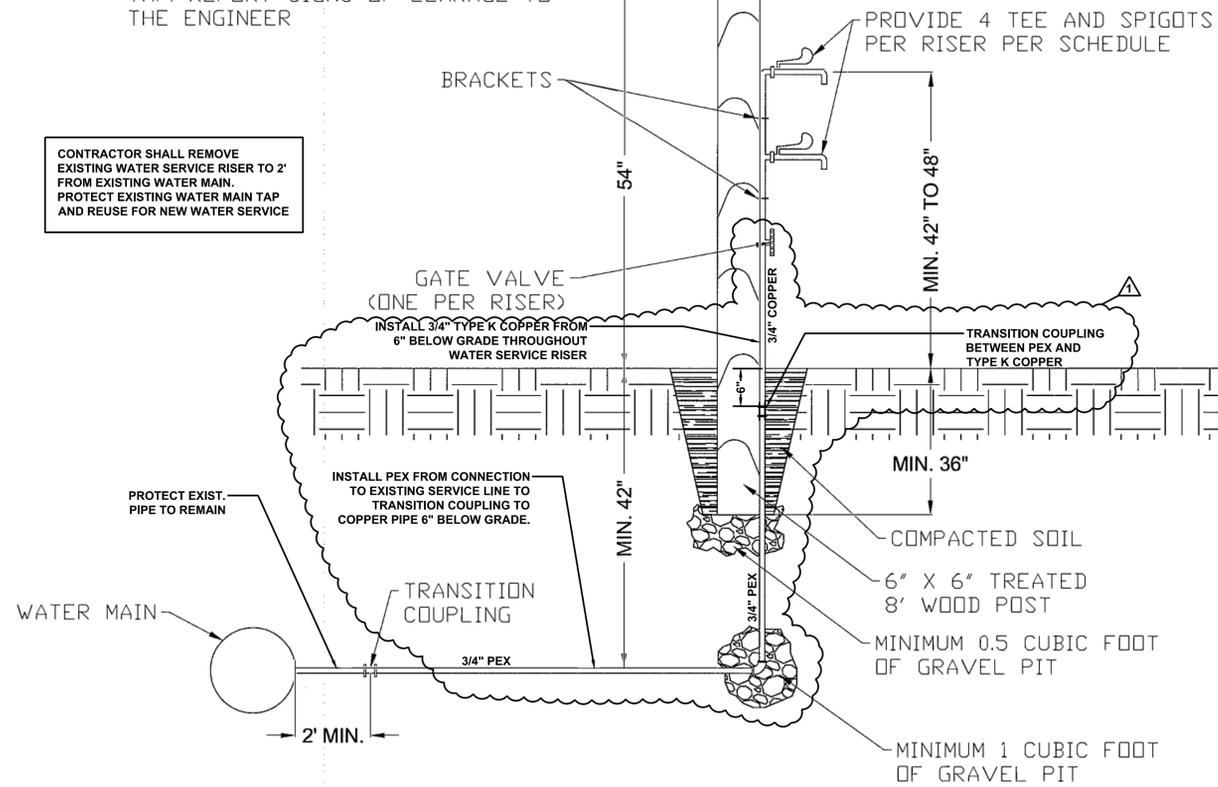


NOTE:  
1. CONTRACTOR SHALL COORDINATE WITH OWNER'S PERSONNEL FOR POSSIBLE OWNER WORK PRIOR TO BACKFILLING UTILITY TRENCHES.

4 TYPICAL PIPE EMBEDMENT  
Not to Scale

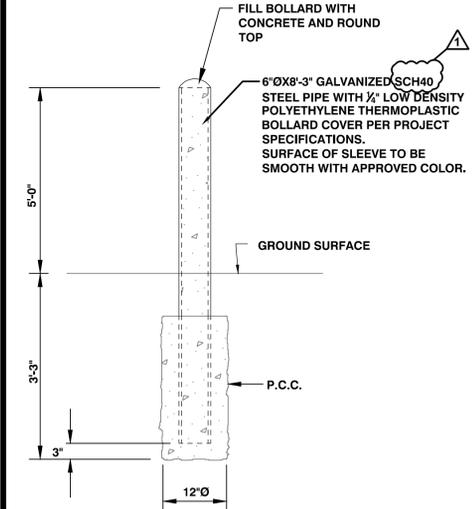
NOTE:  
CONTRACTOR TO INSPECT AND VERIFY THE TRENCH AND BEDDING FOR SIGNS OF LEAKING OF EXISTING TAP, REPORT SIGNS OF LEAKAGE TO THE ENGINEER

CONTRACTOR SHALL REMOVE EXISTING WATER SERVICE RISER TO 2' FROM EXISTING WATER MAIN. PROTECT EXISTING WATER MAIN TAP AND REUSE FOR NEW WATER SERVICE



NOTE:  
1. CONTRACTOR SHALL COORDINATE WITH OWNER'S PERSONNEL FOR POSSIBLE OWNER WORK PRIOR TO BACKFILLING UTILITY TRENCHES.

5 WATER SERVICE RISER  
Not to Scale



6 TYPICAL BOLLARD DETAIL  
Not to Scale



MEP Engineer:

**Antella**  
CONSULTING ENGINEERS, INC.

1600 Genesee, Suite 260 Kansas City, Missouri 64102  
Tel: 816-421-0950 Fax: 816-249-2439  
email: antella@antella-inc.com

License Name: Antella Consulting Engineers, Inc.  
Profession Name: Professional Engineering Corporation  
License Number: E-2005013590

Civil Engineer:



SK Design Group, Inc.  
Civil Engineers  
4600 College Blvd., Suite 100  
Overland Park, KS 66211  
(913) 451-1818  
fax (913) 451-7599  
www.skdg.com

License Name: SK Design Group, Inc.  
Profession Name: Professional Engineering Corporation  
License Number: E-1274-F

OFFICE OF ADMINISTRATION  
DIVISION OF FACILITIES  
MANAGEMENT,  
DESIGN AND CONSTRUCTION

DEPARTMENT OF  
AGRICULTURE

UPGRADE WEST  
CAMPGROUND UTILITIES

MISSOURI STATE  
FAIRGROUNDS  
2503 W 16TH STREET  
SEDALIA, MISSOURI 65301

PROJECT # F1903-01  
SITE # 1501  
FACILITY # 3511501141

REVISION: **ADD. 1**  
DATE: 10/11/2019  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
ISSUE DATE: 08/29/2019

CAD DWG FILE: \_\_\_\_\_  
DRAWN BY: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_  
DESIGNED BY: \_\_\_\_\_

SHEET TITLE:  
SITE DETAILS - 1

SHEET NUMBER:

**C501**

SHEET 6 OF 20  
08/29/2019



MONICA SANTOYO SANTOS - ENGINEER  
E-2000174546

MEP Engineer:

**Antella**  
CONSULTING ENGINEERS INC.

1699 Genessee, Suite 260      Tele 816-421-0950  
Kansas City, Missouri 64102      Fax 816-249-2439  
email: antella@antella-inc.com

License Name: Antella Consulting Engineers, Inc.  
Profession Name: Professional Engineering Corporation  
License Number: E-2005013590

Civil Engineer:



**SK Design Group, Inc.**  
Civil Engineers  
4600 College Blvd., Suite 100  
Overland Park, KS 66211  
(913)-451-1818  
fax (913)-451-7599  
www.skdg.com

License Name: SK Design Group, Inc.  
Profession Name: Professional Engineering Corporation  
License Number: E-1274-F

OFFICE OF ADMINISTRATIO  
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UPGRADE WEST  
CAMPGROUND UTILITIES

MISSOURI STATE  
FAIRGROUNDS  
2503 W 16TH STREET  
SEDALIA, MISSOURI 65301

PROJECT # F1903-01  
SITE # 1501  
FACILITY # 3511501141

REVISION:  $\Delta$  ADD. 1  
DATE: 10/11/2019  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
ISSUE DATE: 08/29/2019

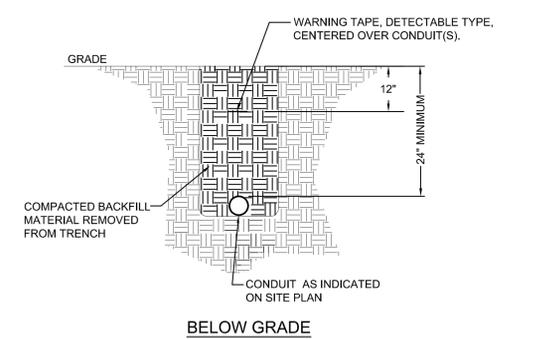
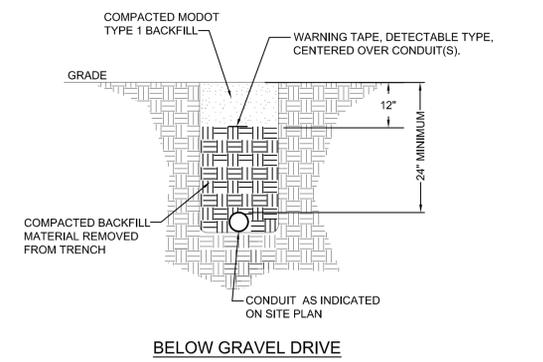
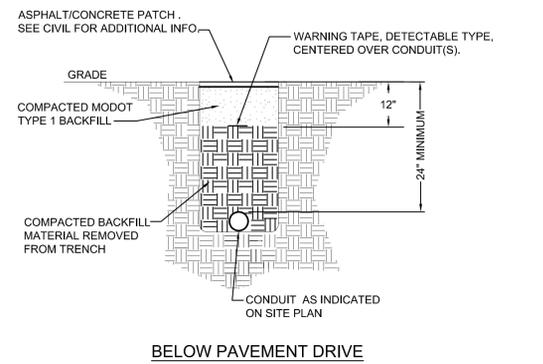
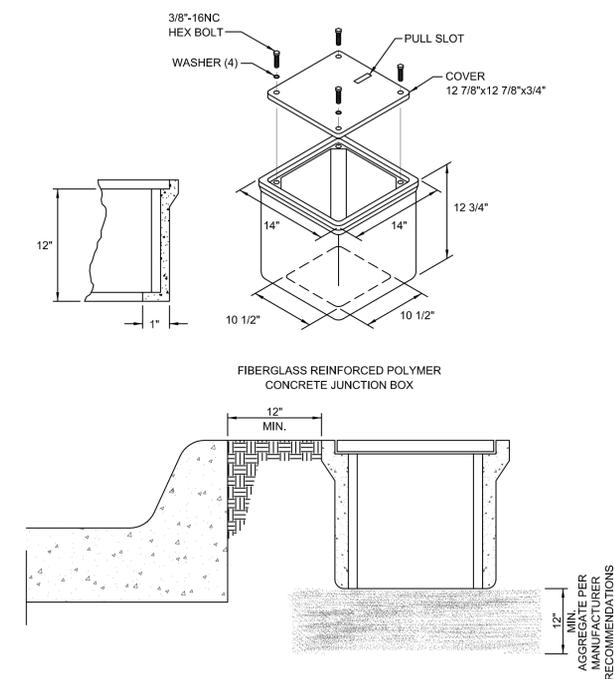
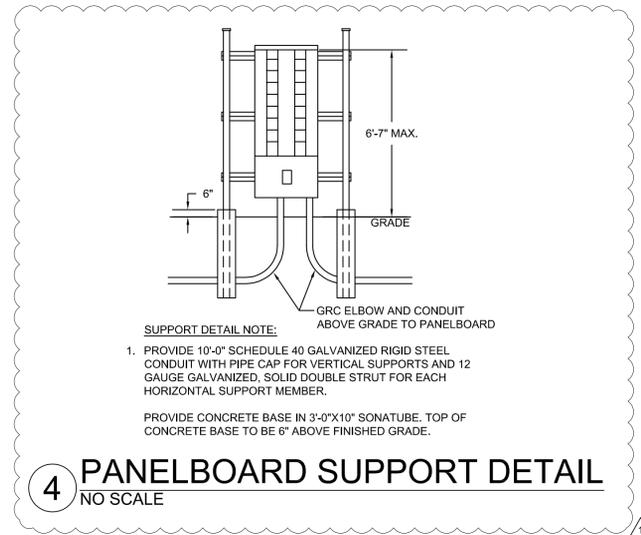
CAD DWG FILE: \_\_\_\_\_  
DRAWN BY: PSJ  
CHECKED BY: MSS  
DESIGNED BY: PSJ

SHEET TITLE:  
**ELECTRICAL  
DETAILS**

SHEET NUMBER:

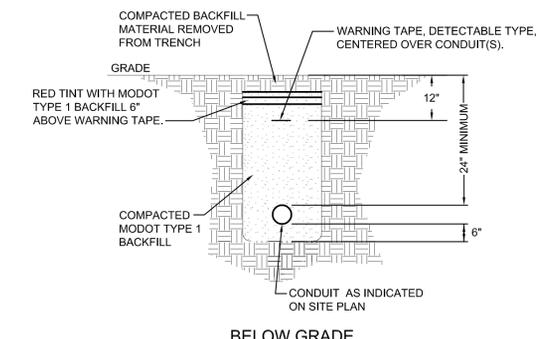
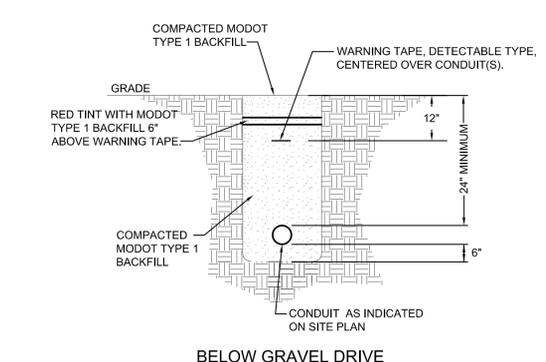
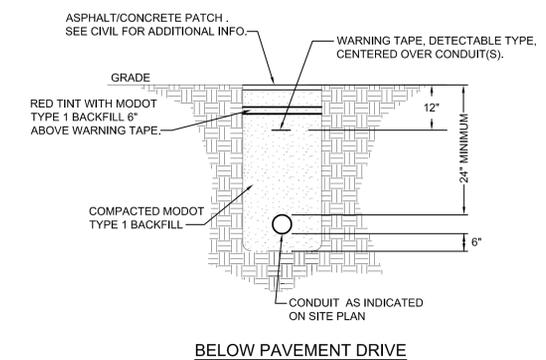
**E502**

SHEET 13 OF 20  
08/29/2019



GENERAL NOTES:

- 1) AT CONTRACTOR'S DISCRETION, CONDUITS MAY BE BORED UTILIZING SCHEDULE 40 HDPE CONDUIT.

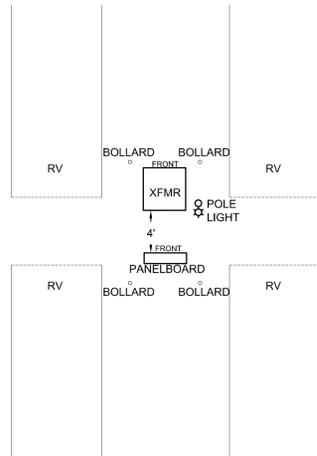


GENERAL NOTES:

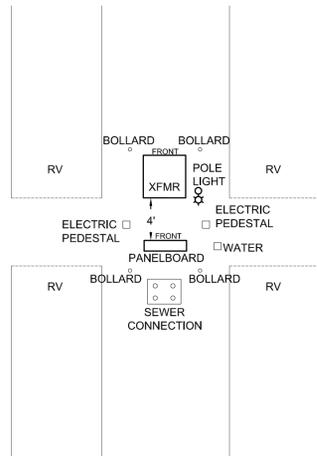
- 1) AT CONTRACTOR'S DISCRETION, CONDUITS MAY BE BORED UTILIZING SCHEDULE 40 HDPE CONDUIT.



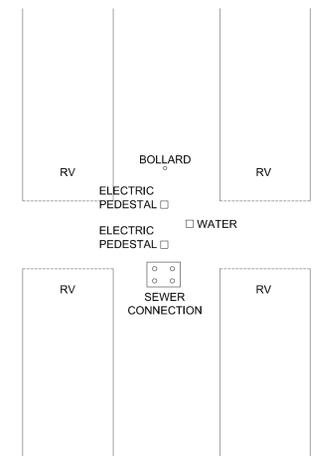
**1 15KV CONDUIT TRENCH DETAILS**  
NO SCALE



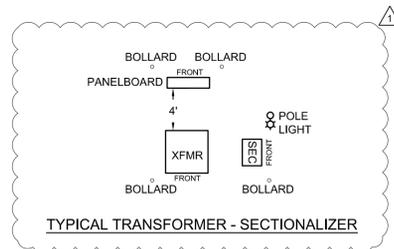
TYPICAL TRANSFORMER - STANDALONE



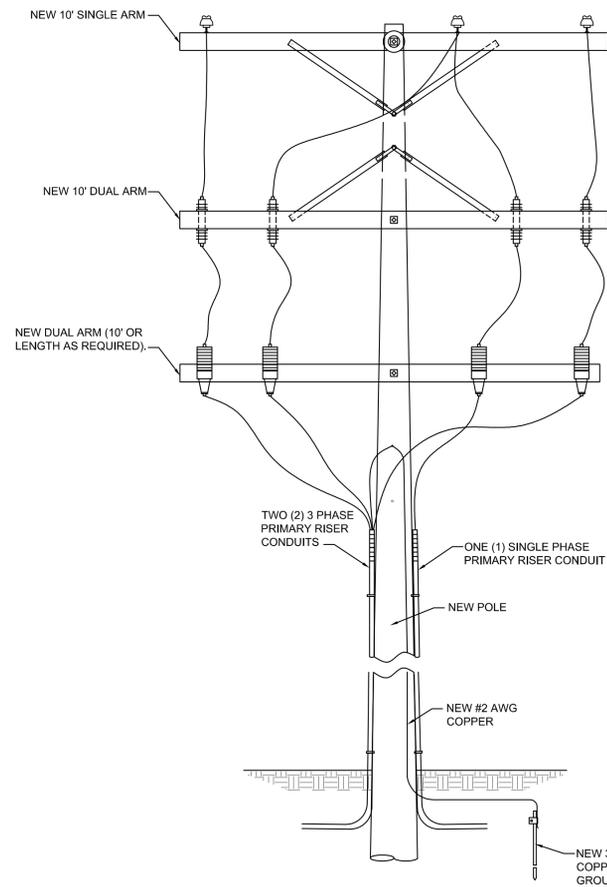
TYPICAL LAYOUT WITH TRANSFORMER  
GENERAL NOTE: MINIMUM 36" CLEARANCE IN FRONT AND BACK OF ELECTRIC PEDESTAL EQUIPMENT.



TYPICAL LAYOUT  
GENERAL NOTE: MINIMUM 36" CLEARANCE IN FRONT AND BACK OF ELECTRIC PEDESTAL EQUIPMENT.



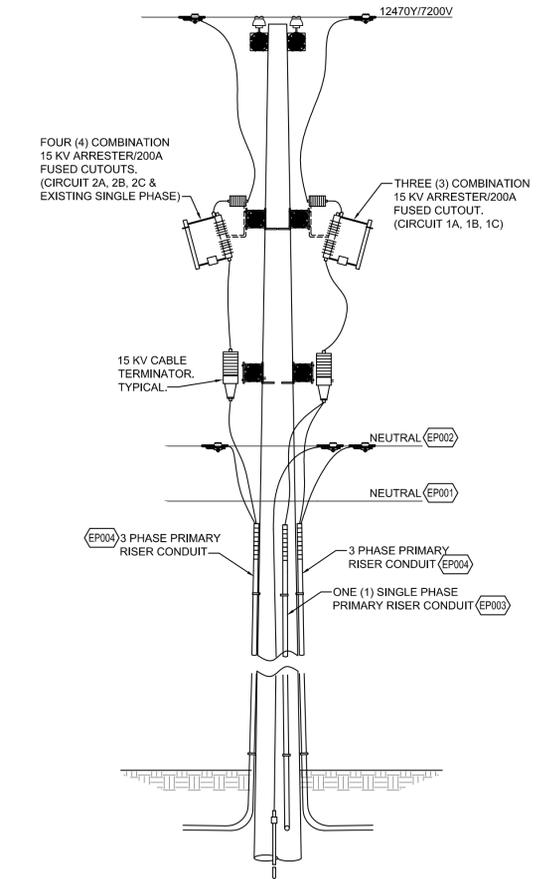
TYPICAL TRANSFORMER - SECTIONALIZER



1 POLE DETAIL - WEST  
NO SCALE

GENERAL NOTES	
1	PROVIDE ALL WORK AS REQUIRED TO MEET INTENT OF WORK SHOWN. MAINTAIN CLEARANCES PER NESC RECOMMENDATIONS AND MEET LATEST USDA RURAL UTILITIES SERVICE STANDARD REQUIREMENTS.
2	MODIFY EXISTING STRUCTURES, CONDUCTORS, ETC. AS REQUIRED TO ACCOMMODATE NEW WORK SHOWN.

DETAIL NOTES	
EP001	EXISTING 'DELTA' NEUTRAL. MAINTAIN CONTINUITY AND EXISTING CONNECTIONS. MODIFY HEIGHT AS REQUIRED FOR CLEARANCES.
EP002	EXISTING NEUTRAL. MAINTAIN CONTINUITY AND EXISTING CONNECTIONS. MODIFY HEIGHT AS REQUIRED FOR CLEARANCES.
EP003	EXISTING CONDUIT AND CONDUCTORS SERVING SINGLE PHASE CIRCUIT TO REMAIN. MODIFY AS REQUIRED AND RECONNECT TO OVERHEAD DISTRIBUTION SYSTEM. MAINTAIN CONNECTION TO EXISTING SECTIONALIZER.
EP004	PROVIDE 4" RIGID GALVANIZED RISER CONDUIT WITH STANDOFFS AS REQUIRED.



2 TYPICAL UTILITY SERVICES LAYOUT  
NO SCALE



MONICA SANTOYO SANTOS - ENGINEER  
E-2000174546



1600 Concessos, Suite 260  
Kansas City, Missouri 64102  
Tel: 816-421-4950  
Fax: 816-249-2439  
email: antella@antella-inc.com

License Name: Antella Consulting Engineers, Inc.  
Profession Name: Professional Engineering Corporation  
License Number: E-2005013590



License Name: SK Design Group, Inc.  
Profession Name: Professional Engineering Corporation  
License Number: E-1274-F

OFFICE OF ADMINISTRATIO  
DIVISION OF FACILITIES  
MANAGEMENT,  
DESIGN AND CONSTRUCTION

DEPARTMENT OF  
AGRICULTURE

UPGRADE WEST  
CAMPGROUND UTILITIES

MISSOURI STATE  
FAIRGROUNDS  
2503 W 16TH STREET  
SEDALIA, MISSOURI 65301

PROJECT # F1903-01  
SITE # 1501  
FACILITY # 3511501141

REVISION:  $\Delta$  ADD. 1  
DATE: 10/11/2019  
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ISSUE DATE: 08/29/2019

CAD DWG FILE: \_\_\_\_\_  
DRAWN BY: PSJ  
CHECKED BY: MSS  
DESIGNED BY: PSJ

SHEET TITLE:  
ELECTRICAL  
DETAILS

SHEET NUMBER:

E503

SHEET 14 OF 20  
08/29/2019