



CITY OF PARKVILLE • 8880 Clark Avenue • Parkville, MO 64152 • (816) 741-7676 • FAX (816) 741-0013

ADDENDUM NO. 1

Thursday, June 2, 2016

**ELECTRICAL SERVICE MODIFICATIONS
PARKS MAINTENANCE/PUMP STATION BUILDING
IN ENGLISH LANDING PARK
PARKVILLE, MO**

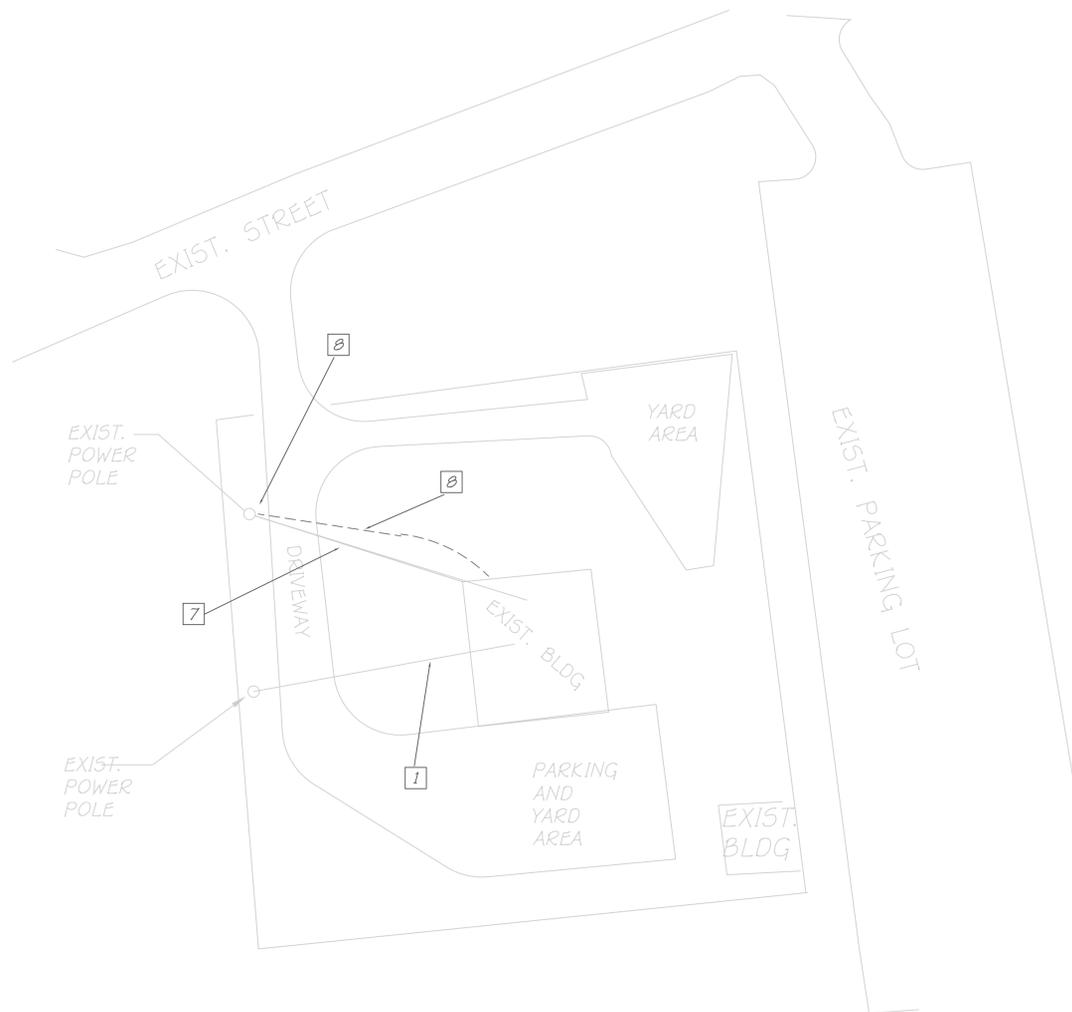
The BID DATE remains unchanged:

This addendum is to provide additional information not originally included in the bid package. This addendum is hereby made a part of the **BID DOCUMENTS**.

Please attach this addendum to the documents in your possession, and confirm receipt of Addendum No. 1 on the **BID FORM**.

1. An attachment to Addendum #1 is the Electrical plan (Sheet E-1, dated 3/15/16), which includes specifications associated with the electrical service modifications.

**Additional questions should be addressed to:
Alysen Abel, Public Works Director, 816-741-7676**



SITE PLAN
SCALE 1" = 20'-0"

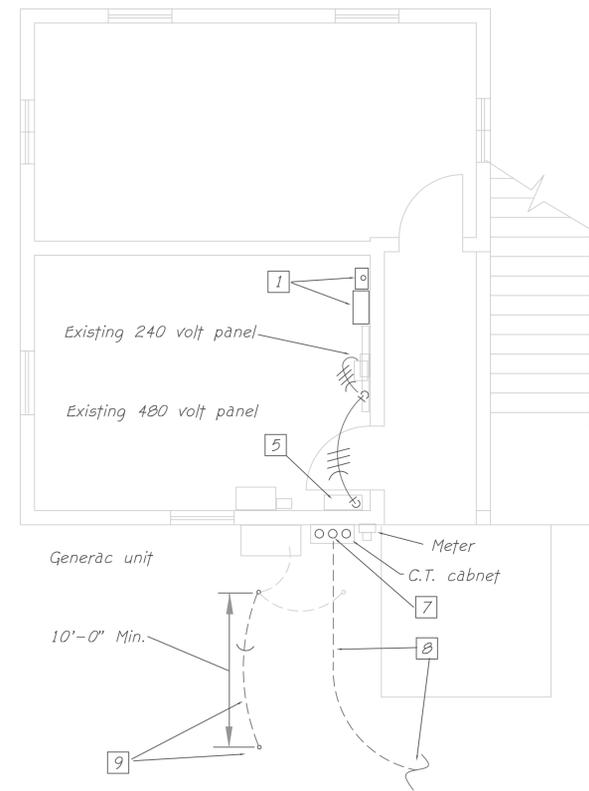


SPECIFICATIONS

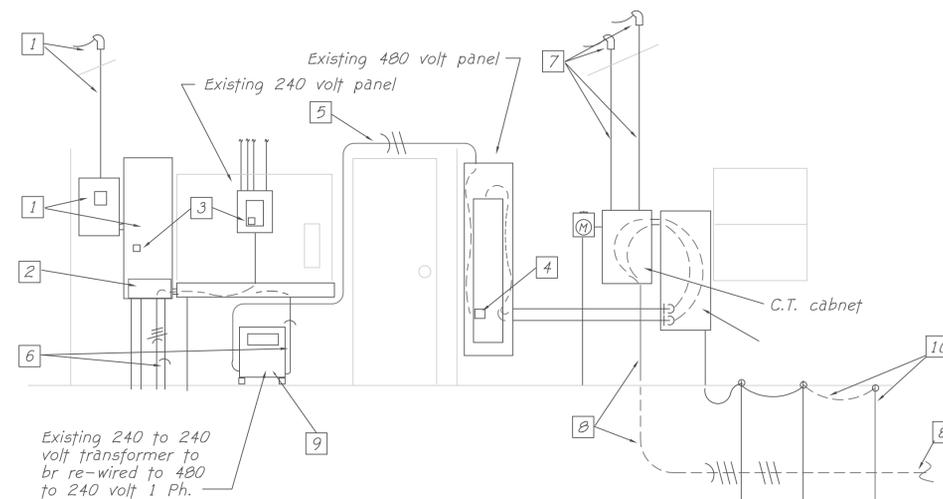
1. All work shall be completed in accordance with National Electric Code, 2011 version.
2. All wire in ridged conduit shall be copper unless otherwise noted and shall be per NEC Chap. 9, Tables 1, 2, 3, 3B, 3C. Wiring shall be in ridged conduit or PVC conduit.
3. All ampacities shall be as per NEC tables 310.1 thru 310.10 inclusive.
4. All wire in wet locations shall be as per NEC sec 310.8(a).
5. All grounding to be as per NEC sec 250.50.
6. All panelboards are existing and shall be supplied with new breakers to match as shown on the drawing.
7. The new branch circuit breaker shall be Cutler-Hammer to match the existing 480-volt panelboard as shown on the drawings or as required.
8. All wire shall be copper unless noted otherwise.

PLAN NOTES

- 1 Remove existing overhead electrical service, weather head, service mast, meter box and electrical panelboard, and patch roofing to match existing.
- 2 Provide and install new junction box extending existing wireway. Reconnect existing circuits to existing 120/240-volt panelboard.
- 3 Relocate existing 20-amp 2-pole circuit breaker to existing 120/240-volt panelboard or provide new circuit breaker to suit A/C unit.
- 4 Provide and install new 2 pole 35-amp circuit breaker, breaker mounting hardware, and new face panels. New breaker shall be Cutler-Hammer type PRL-3A, 65K AIC rating to suit existing panelboard.
- 5 Provide and install two No. 8 and 1 No. 12 ground in 1/2" conduit and connect to existing transformer and panelboard as shown.
- 6 Extend existing ground to existing transformer and bond at transformer.
- 7 Remove existing overhead electrical service, weather heads, and service masts after activation of new underground electrical service. Patch roofing to match existing and plug existing CT cabinet openings.
- 8 Provide and install new 3" PVC underground conduit from existing CT cabinet to base of power pole as shown. Provide and install two set 3# 3/0 Cu from existing service connection to power pole with sufficient excess wire for connection to transformers by KCP&L.
- 9 Provide and install new 8"-0" by 5/8" ground rod where shown on the drawing and connect to existing with #6 Cu ground wire and UL listed connectors. Drive new and existing rods below grade and cover.
- 10 Rewire existing 240-volt single phase to 120/240-volt transformer for 480-volt single phase service.



FLOOR PLAN
SCALE 1/4" = 1'-0"



ELECTRICAL RISER DIAGRAM
NO SCALE



REVISIONS	BY

ELECTRICAL SERVICE MODIFICATIONS
PARK MAINTENANCE BUILDING / PUMP STATION
ENGLISH LANDING PARK
PARKVILLE, MISSOURI

DESIGN ENERGY GROUP
 CONSULTING ENGINEERS
 3819 PRESCOTT BLVD
 BILLIE SPRING, MISSOURI 64016
 Missouri Certificate Number 000614

DRAWN	JFK
CHECKED	JFK
DATE	3/15/16
SCALE	As Noted
JOB NO.	1610.00
SHEET	E-1
1 OF 1 SHEETS	