

ELECTRIC TRANSFORMER PAD CONTRACTOR TO CONSTRUCT PAD AND BOLLARDS IN ACCORDANCE WITH THE UTILITY COMPANY (AMEREN) STANDARDS. TRANSFORMER TO BE PROVIDED BY THE UTILITY COMPANY. TRANSFORMER PAD TO BE PAID FOR AS "CONCRETE FOUNDATION, TYPE D"

\*CONCRETE FOUNDATION, TYPE D, 4.0' FOR PAD MOUNT CABINET AND METER

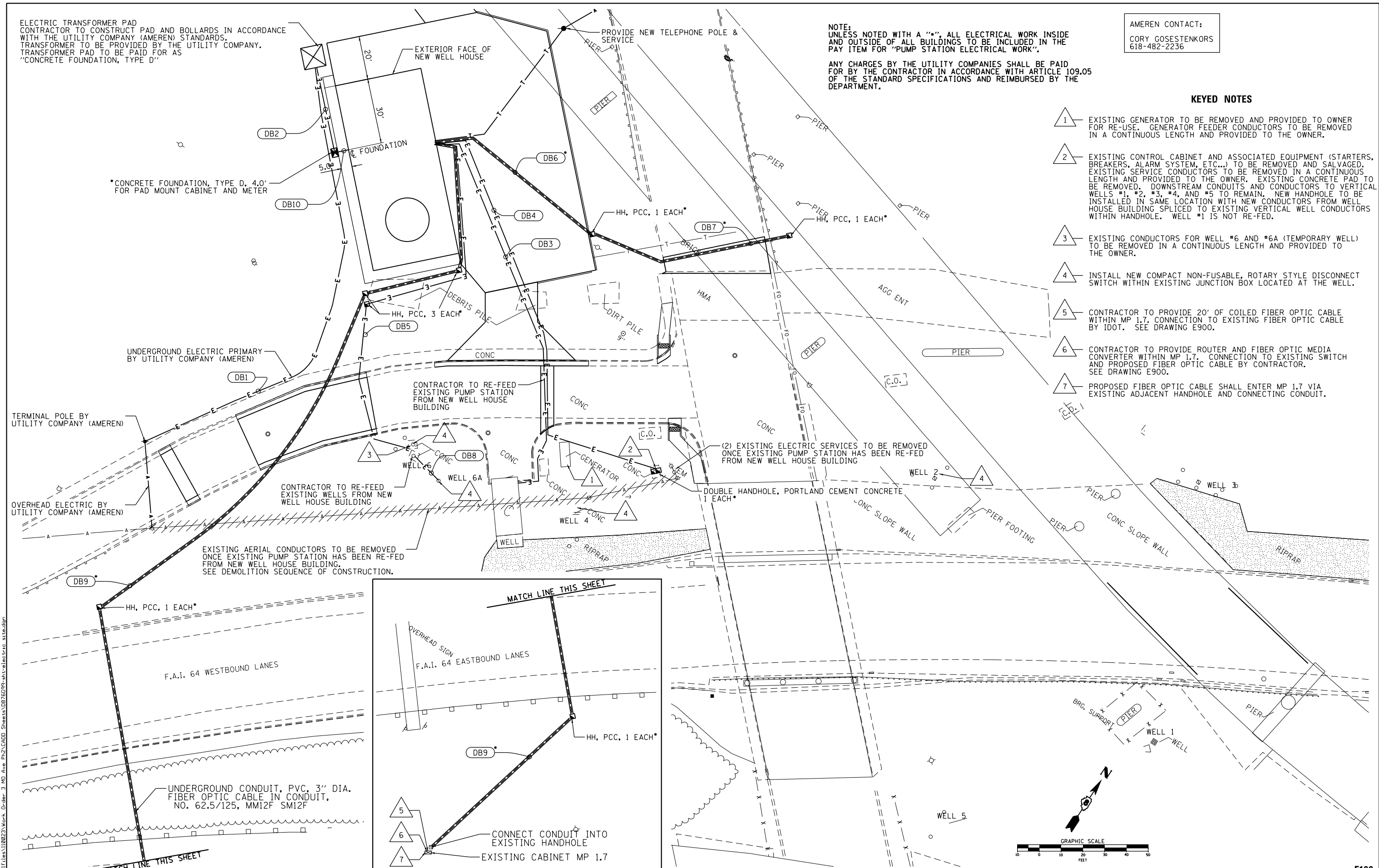
NOTE: UNLESS NOTED WITH A "•", ALL ELECTRICAL WORK INSIDE AND OUTSIDE OF ALL BUILDINGS TO BE INCLUDED IN THE PAY ITEM FOR "PUMP STATION ELECTRICAL WORK".

ANY CHARGES BY THE UTILITY COMPANIES SHALL BE PAID FOR BY THE CONTRACTOR IN ACCORDANCE WITH ARTICLE 109.05 OF THE STANDARD SPECIFICATIONS AND REIMBURSED BY THE DEPARTMENT.

AMEREN CONTACT:  
CORY GOSESTENKORS  
618-482-2236

KEYED NOTES

- 1 - EXISTING GENERATOR TO BE REMOVED AND PROVIDED TO OWNER FOR RE-USE. GENERATOR FEEDER CONDUCTORS TO BE REMOVED IN A CONTINUOUS LENGTH AND PROVIDED TO THE OWNER.
- 2 - EXISTING CONTROL CABINET AND ASSOCIATED EQUIPMENT (STARTERS, BREAKERS, ALARM SYSTEM, ETC...) TO BE REMOVED AND SALVAGED. EXISTING SERVICE CONDUCTORS TO BE REMOVED IN A CONTINUOUS LENGTH AND PROVIDED TO THE OWNER. EXISTING CONCRETE PAD TO BE REMOVED. DOWNSTREAM CONDUITS AND CONDUCTORS TO VERTICAL WELLS #1, #2, #3, #4, AND #5 TO REMAIN. NEW HANDHOLE TO BE INSTALLED IN SAME LOCATION WITH NEW CONDUCTORS FROM WELL HOUSE BUILDING SPLICED TO EXISTING VERTICAL WELL CONDUCTORS WITHIN HANDHOLE. WELL #1 IS NOT RE-FED.
- 3 - EXISTING CONDUCTORS FOR WELL #6 AND #6A (TEMPORARY WELL) TO BE REMOVED IN A CONTINUOUS LENGTH AND PROVIDED TO THE OWNER.
- 4 - INSTALL NEW COMPACT NON-FUSABLE, ROTARY STYLE DISCONNECT SWITCH WITHIN EXISTING JUNCTION BOX LOCATED AT THE WELL.
- 5 - CONTRACTOR TO PROVIDE 20' OF COILED FIBER OPTIC CABLE WITHIN MP 1.7. CONNECTION TO EXISTING FIBER OPTIC CABLE BY IDOT. SEE DRAWING E900.
- 6 - CONTRACTOR TO PROVIDE ROUTER AND FIBER OPTIC MEDIA CONVERTER WITHIN MP 1.7. CONNECTION TO EXISTING SWITCH AND PROPOSED FIBER OPTIC CABLE BY CONTRACTOR. SEE DRAWING E900.
- 7 - PROPOSED FIBER OPTIC CABLE SHALL ENTER MP 1.7 VIA EXISTING ADJACENT HANDHOLE AND CONNECTING CONDUIT.



FILE NAME = G:\115\1150223\Work\_Drwnr\_3\_M0\_Ave\_P12\ACADD\_Sheets\DB76699-eh-1-electric.sxd

**KLINGNER & ASSOCIATES, P.C.**  
Engineers • Architects • Surveyors

USER NAME = seb  
PLOT SCALE = 40.0000' / in.  
PLOT DATE = 8/23/2014

DESIGNED - JJN  
DRAWN - JJN  
CHECKED -  
DATE -

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ELECTRICAL SITE PLAN  
MISSOURI AVENUE DEEP WELL FACILITY  
SCALE: 1"=20'  
SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-4T-1	ST. CLAIR	185	159
CONTRACT NO. 76C99				
ILLINOIS FED. AID PROJECT				

E100