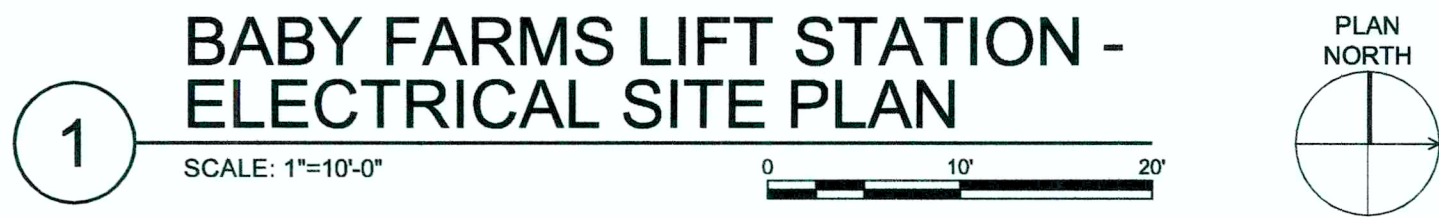




Indiana Underground Plant Protection Service

CALL TWO WORKING DAYS  
BEFORE YOU DIG  
IT'S THE LAW  
811



Location of  
installed control  
panel



## 2 EXISTING ELECTRICAL EQUIPMENT RACK - DEMOLITION

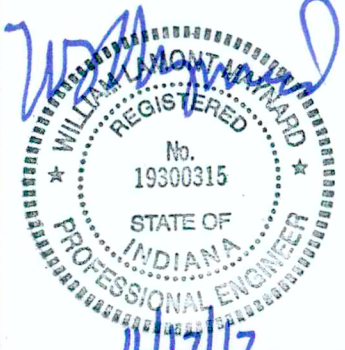
NOT TO SCALE

### GENERAL NOTES:

- LOCATE ALL EXISTING UNDERGROUND UTILITIES AND COORDINATE WITH GENERAL CONTRACTOR FOR ALL UNDERGROUND WORK PRIOR TO ANY EXCAVATION OR TRENCHING. MAINTAIN A MINIMUM 12" BETWEEN UTILITIES, UNLESS OTHERWISE NOTED.
- MINIMUM BURY FOR ALL SITE CONDUITS SHALL BE 24", UNLESS OTHERWISE NOTED.
- ALL EXPOSED CONDUITS SHALL BE ALUMINUM OR PVC COATED RIGID STEEL - NO EXCEPTIONS.
- THE OWNER HAS THE OPTION TO KEEP ANY DEMOLISHED ELECTRICAL EQUIPMENT.

### SHEET KEYNOTES:

- CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING ELECTRICAL EQUIPMENT RACK (WOODEN STRUCTURE). THIS INCLUDES THE ENTIRE STRUCTURE, EXCLUDING THE EXISTING UTILITY RISER POLE - UTILITY RISER POLE SHALL REMAIN UNDISTURBED.
- CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING METER/METER BASE. METER/METER BASE SHALL BE RELOCATED AND RE-INSTALLED AT THE RISER POLE AS INDICATED IN KEYNOTE 19. COORDINATE REMOVAL AND RELOCATION WITH ANDERSON MUNICIPAL LIGHT & POWER.
- CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING SERVICE CONDUIT/WEATHERHEAD/CONDUCTORS ROUTED UP THE RISER POLE, FROM METER BASE.
- CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING DOUBLE THROW TRANSFER SWITCH.
- CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING CONDUCTORS/CONDUIT FROM METER BASE TO DOUBLE THROW TRANSFER SWITCH.
- CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING DISCONNECT SWITCH.
- CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING CONDUCTORS/CONDUIT FROM DOUBLE THROW TRANSFER SWITCH TO PAD-MOUNTED STATIONARY GENERATOR.
- CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING NIPPLE/CONDUCTORS ENTERING/LEAVING DISCONNECT SWITCH.
- CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING PUMP CONTROL PANEL.
- CONTRACTOR SHALL CAREFULLY REMOVE EXISTING SIGNAGE. EXISTING SIGNAGE SHALL BE RE-INSTALLED AT NEW ELECTRICAL EQUIPMENT RACK/PUMP CONTROL PANEL.
- CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING GROUNDING ELECTRODE CONDUCTOR AND CONDUIT.
- CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING PUMP POWER CABLES & CONTROL CABLES/CONDUIT FROM THE PUMP CONTROL PANEL TO THE LIFT STATION WETWELL.
- CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING FLOAT CABLES/CONDUIT FROM THE PUMP CONTROL PANEL TO THE LIFT STATION WETWELL.
- CONTRACTOR SHALL CAREFULLY DISCONNECT AND REMOVE EXISTING OMNI-SITE ENCLOSURE. EXISTING OMNI-SITE ENCLOSURE SHALL BE RE-INSTALLED AT THE NEW ELECTRICAL EQUIPMENT RACK.
- CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING CONDUCTORS (POWER)/CONDUIT FROM THE PUMP CONTROL PANEL TO THE OMNI-SITE ENCLOSURE.
- CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING MULTI-CONDUCTOR (MONITORING SIGNALS)/CONDUIT FROM THE PUMP CONTROL PANEL TO THE OMNI-SITE ENCLOSURE.
- EXISTING UTILITY RISER POLE SHALL REMAIN.
- EXISTING STATIONARY GENERATOR SHALL REMAIN (CATERPILLAR D30P1, 208/120V, 3-PHASE OUTPUT, 125A MCB, 30KW - GENERATOR OUTPUT IS CURRENTLY SET AT 215V).
- CONTRACTOR SHALL RE-INSTALL EXISTING METER BASE/METER AT EXISTING RISER POLE. COORDINATE INSTALLATION WITH ANDERSON MUNICIPAL LIGHT & POWER.
- CONTRACTOR SHALL FURNISH AND INSTALL NEW ELECTRICAL EQUIPMENT RACK. SEE DRAWING E-501, DETAIL 3, FOR REQUIREMENTS.
- NEW CONCRETE EQUIPMENT PAD FOR ELECTRICAL EQUIPMENT RACK. SEE DRAWING E-501, DETAIL 7, FOR REQUIREMENTS.
- NEW SERVICE ENTRANCE CONDUIT/WEATHERHEAD/CONDUCTORS FROM METER BASE. SEE DRAWING E-701 FOR REQUIRED CONDUIT/CONDUCTORS.
- NEW ELECTRICAL FEEDER FROM METER BASE TO RACK-MOUNTED DOUBLE THROW DISCONNECT SWITCH.
- SEE DRAWING E-701 FOR REQUIRED FEEDERS/BRANCH CIRCUITS BETWEEN EQUIPMENT LOCATED AT ELECTRICAL EQUIPMENT RACK.
- NEW ELECTRICAL FEEDER FROM RACK-MOUNTED DOUBLE THROW DISCONNECT SWITCH TO EXISTING GENERATOR.
- NEMA 4X, 100A, FUSED, DOUBLE THROW TRANSFER SWITCH. SEE DRAWING E-701 FOR REQUIRED FUSING.
- NEMA 4X LIFT STATION CONTROL PANEL.
- EXISTING OMNI-SITE XR-50 ENCLOSURE, RELOCATED FROM EXISTING WOODEN RACK, TO NEW ELECTRICAL EQUIPMENT RACK.
- PUMP BRANCH CIRCUIT FROM LIFT STATION CONTROL PANEL - SEE DRAWING E-701 FOR REQUIRED CONDUIT/CONDUCTORS.
- #8/12, 1#12 GND, 1" C FROM WETWELL JUNCTION BOX TO LIFT STATION CONTROL PANEL (FLOAT CABLES).
- EXISTING UTILITY TRANSFORMER POLE (2 POLE TOP TRANSFORMERS - OPEN DELTA CONFIGURATION) SHALL REMAIN.
- EXISTING OVERHEAD SECONDARY ELECTRICAL SERVICE SHALL REMAIN.
- NEW 3/4" x 10'-0" DRIVEN GROUND ROD - TYPICAL OF 3.
- NEW BARE #6 COPPER GROUNDING ELECTRODE CONDUCTOR - BURIED A MINIMUM OF 30" BELOW FINISHED GRADE.



GRW PROJECT NO. 4625  
 CLIENT PROJECT NO.  
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BABY FARMS LIFT STATION - ELECTRICAL SITE PLAN  
 BABY FARMS LIFT STATION AND FORCE MAIN IMPROVEMENTS  
 FALL CREEK REGIONAL WASTE DISTRICT

DESIGNED: WER  
 DRAWN: WER  
 REVIEWED: WER  
 APPROVED: WLM

NO.	DATE	DESCRIPTION	BY

DATE:

SCALE:

NONE

SHEET NO.

E-101