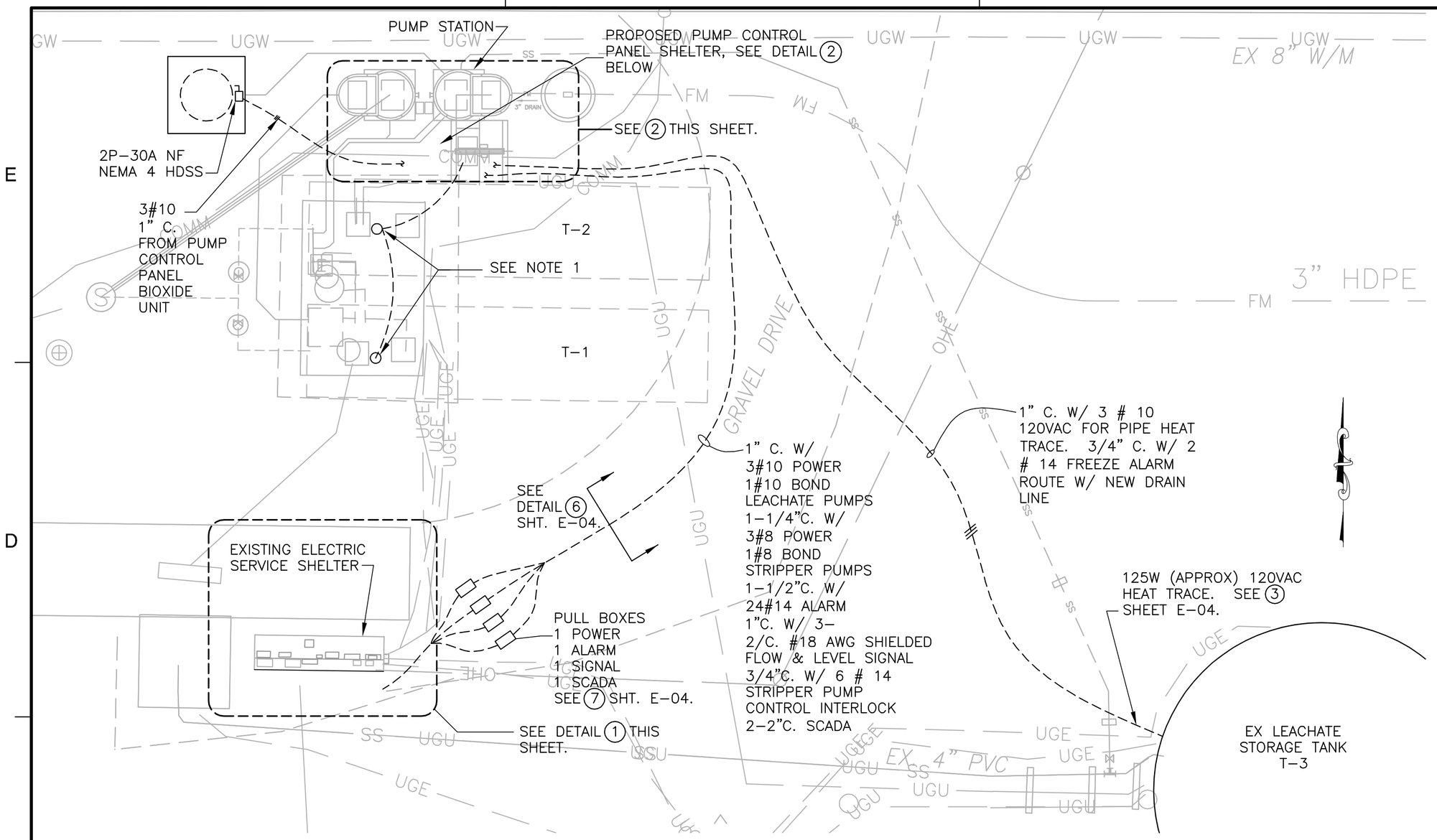


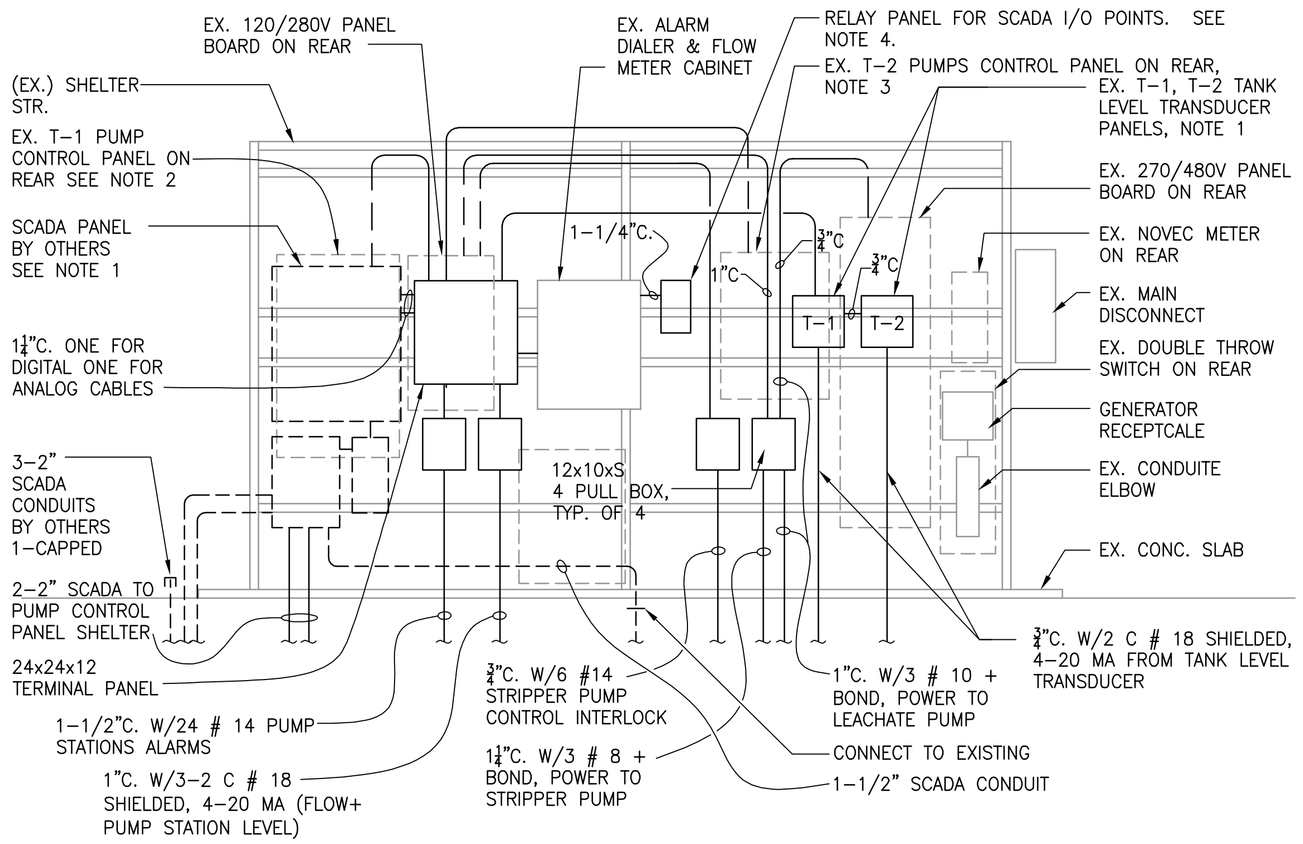
3 ELECTRICAL SITE PLAN

SCALE 1"=10'-0"

(SEE ALSO SITE PLAN SHEET C-01)

NOTES:

1- PROVIDE LEVEL TRANSDUCER IN EACH LEACHATE TANK, EXTEND SHIELDED CABLE IN 3/4" C. TO JUNCTION BOX ON CONTROL PANEL SHELTER. EXTEND SHIELDED CABLE TO TRANSDUCER PANELS AT EXISTING SERVICE SHELTER AS INDICATED.



4 PARTIAL SOUTH ELEV. & EX. ELECTRIC SERVICE SHELTER

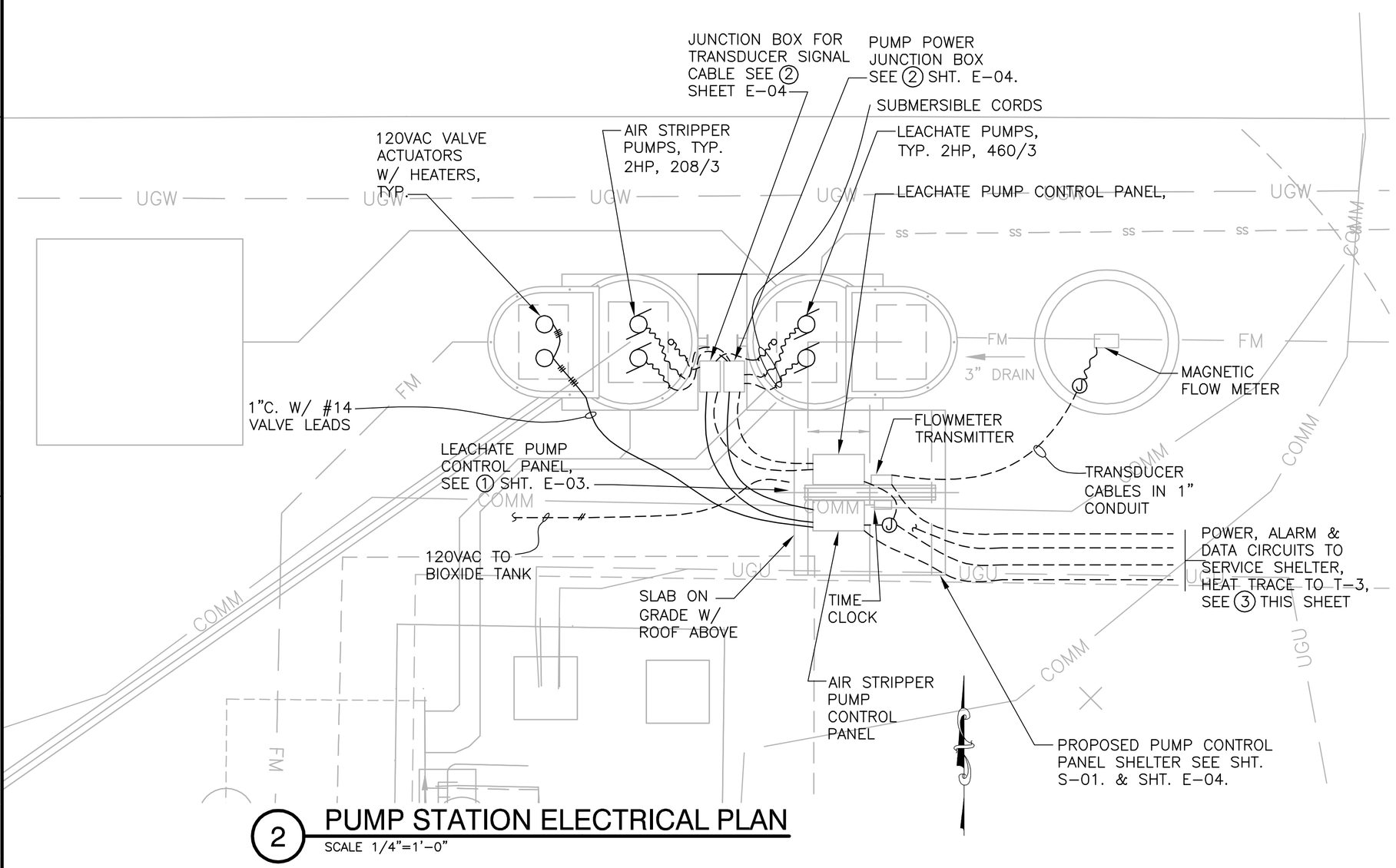
NOT TO SCALE

NOTES:

1- PROVIDE NEW IP-15A CIRCUIT BREAKER IN 120/280V PANEL AND EXTEND 2#12+ BOND, 3/4" C. TO SCADA PANEL & T-1, T-2 LEVEL PANELS.

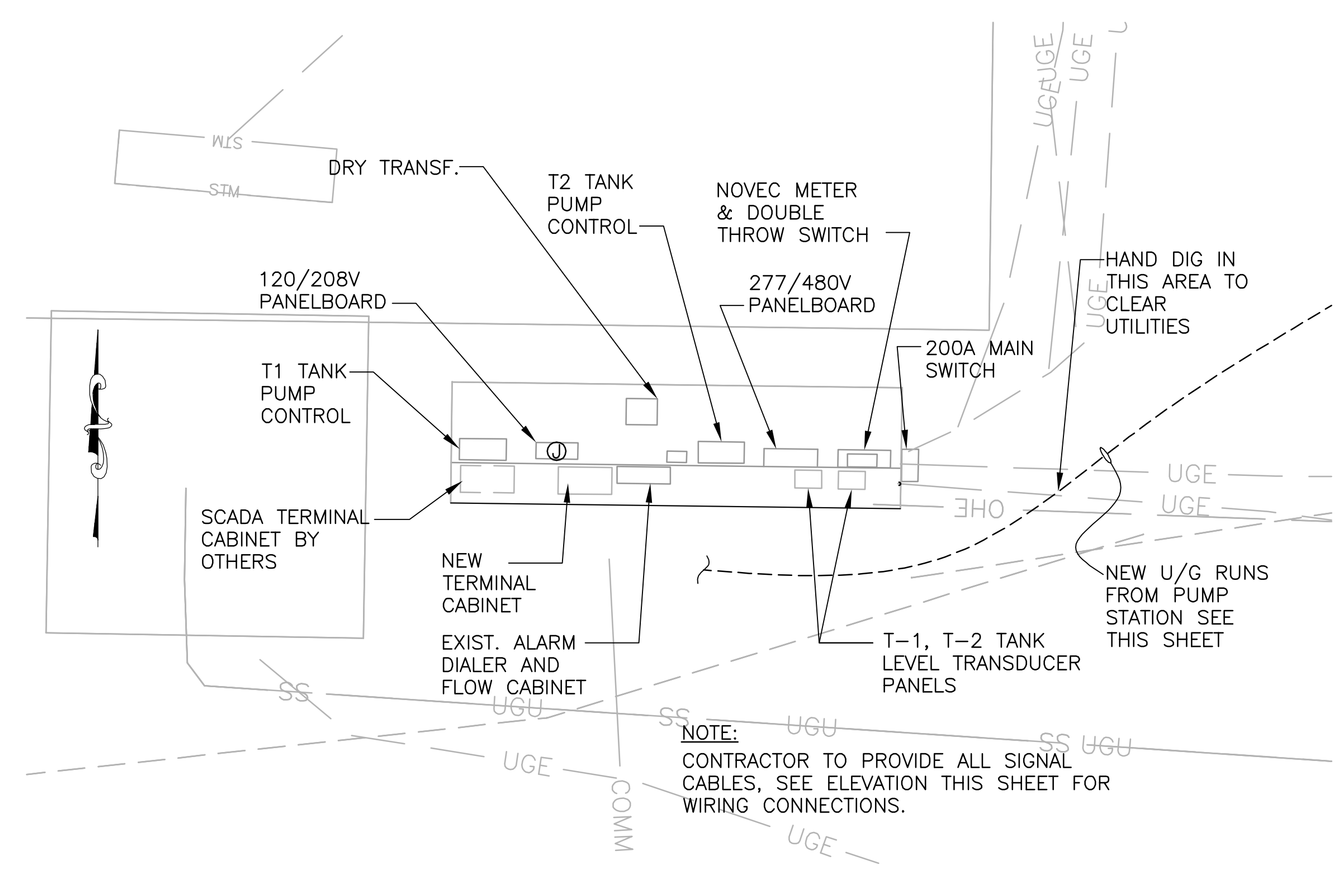
2- FOR THE T-1 PUMP CONTROL, PROVIDE AN AUXILIARY RELAY TO MONITOR PUMP RUN STATUS AND PHASE LOSS. EXTEND 3 #14, 3/4" C. TO THE TERMINAL PANEL.

3- FOR THE T-2 PUMP CONTROL, PROVIDE AN AUXILIARY RELAY TO MONITOR PUMP RUN STATUS AND PHASE LOSS. EXTEND 4 # 14, 3/4" C. TO THE TERMINAL PANEL.
4- MOUNT 11 RELAYS IN PANEL & PICK UP EXISTING 11 DIALER ALARM POINTS. EXTEND #14 FROM EACH EXISTING POINT TO TERMINAL PANEL FOR CONNECTION TO SCADA.



2 PUMP STATION ELECTRICAL PLAN

SCALE 1/4"=1'-0"



NOTE:
CONTRACTOR TO PROVIDE ALL SIGNAL CABLES, SEE ELEVATION THIS SHEET FOR WIRING CONNECTIONS.

1 PARTIAL PLAN & EX. ELECTRIC SERVICE SHELTER

SCALE 1/4"=1'-0"

ALL WORK IS EXISTING UNLESS NOTED AS NEW.
ALL CONDUITS INDICATED ARE NEW.

Dewberry

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LOUDOUN COUNTY SOLID WASTE MANAGEMENT FACILITY

LEACHATE PUMP STATIONS & FORCE MAIN

LOUDOUN COUNTY, VIRGINIA

SEAL

COMMONWEALTH OF VIRGINIA
DAVID W. BLEVINS
Lic No. 7695
4/10/09
PROFESSIONAL ENGINEER

SCALE

No.	DATE	BY	Description

REVISIONS

DRAWN BY	YR
APPROVED BY	DB
CHECKED BY	DB
DATE	4/7/09

TITLE

ELECTRICAL PLANS

PROJECT NO. 50006147

E-02

SHEET NO. 8 OF 12

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