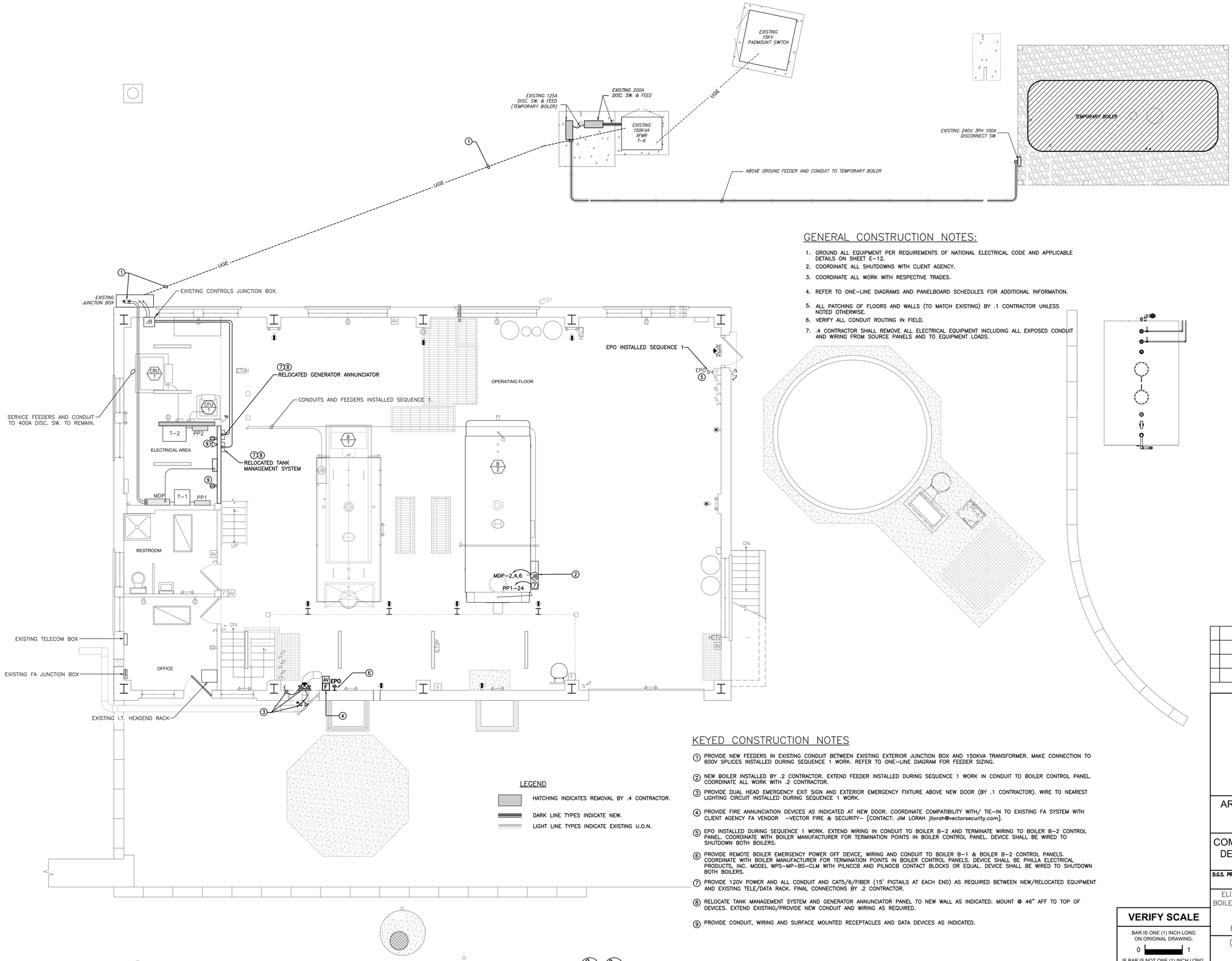

GENERAL CONSTRUCTION NOTES:

1. GROUND ALL EQUIPMENT PER REQUIREMENTS OF NATIONAL ELECTRICAL CODE AND APPLICABLE DETAILS ON SHEET E-12.
2. COORDINATE ALL SHUTDOWNS WITH CLIENT AGENCY.
3. COORDINATE ALL WORK WITH RESPECTIVE TRADES.
4. REFER TO ONE-LINE DIAGRAMS AND PANELBOARD SCHEDULES FOR ADDITIONAL INFORMATION.
5. ALL PATCHING OF FLOORS AND WALLS (TO MATCH EXISTING) BY .1 CONTRACTOR UNLESS NOTED OTHERWISE.
6. VERIFY ALL CONDUIT ROUTING IN FIELD.
7. .4 CONTRACTOR SHALL REMOVE ALL ELECTRICAL EQUIPMENT INCLUDING ALL EXPOSED CONDUIT AND WIRING FROM SOURCE PANELS AND TO EQUIPMENT LOADS.

KEYED CONSTRUCTION NOTES

1. PROVIDE NEW FEEDERS IN EXISTING CONDUIT BETWEEN EXISTING EXTERIOR JUNCTION BOX AND 150KVA TRANSFORMER. MAKE CONNECTION TO 600V SPLICES INSTALLED DURING SEQUENCE 1 WORK. REFER TO ONE-LINE DIAGRAM FOR FEEDER SIZING.
2. NEW BOILER INSTALLED BY .2 CONTRACTOR. EXTEND FEEDER INSTALLED DURING SEQUENCE 1 WORK IN CONDUIT TO BOILER CONTROL PANEL. COORDINATE ALL WORK WITH .2 CONTRACTOR.
3. PROVIDE DUAL HEAD EMERGENCY EXIT SIGN AND EXTERIOR EMERGENCY FIXTURE ABOVE NEW DOOR (BY .1 CONTRACTOR). WIRE TO NEAREST LIGHTING CIRCUIT INSTALLED DURING SEQUENCE 1 WORK.
4. PROVIDE FIRE ANNUNCIATION DEVICES AS INDICATED AT NEW DOOR. COORDINATE COMPATIBILITY WITH/ TIE-IN TO EXISTING FA SYSTEM WITH CLIENT AGENCY FA VENDOR -VECTOR FIRE & SECURITY- [CONTACT: JIM LORAH jlorah@vectorsecurity.com].
5. EPO INSTALLED DURING SEQUENCE 1 WORK. EXTEND WIRING IN CONDUIT TO BOILER B-2 AND TERMINATE WIRING TO BOILER B-2 CONTROL PANEL. COORDINATE WITH BOILER MANUFACTURER FOR TERMINATION POINTS IN BOILER CONTROL PANEL. DEVICE SHALL BE WIRED TO SHUTDOWN BOTH BOILERS.
6. PROVIDE REMOTE BOILER EMERGENCY POWER OFF DEVICE, WIRING AND CONDUIT TO BOILER B-1 & BOILER B-2 CONTROL PANELS. COORDINATE WITH BOILER MANUFACTURER FOR TERMINATION POINTS IN BOILER CONTROL PANELS. DEVICE SHALL BE PHILLA ELECTRICAL PRODUCTS, INC. MODEL WPS-MP-BS-CLM WITH PILNCCB AND PILNOCB CONTACT BLOCKS OR EQUAL. DEVICE SHALL BE WIRED TO SHUTDOWN BOTH BOILERS.
7. PROVIDE 120V POWER AND ALL CONDUIT AND CAT5/6/FIBER (15' PIGTAILS AT EACH END) AS REQUIRED BETWEEN NEW/RELOCATED EQUIPMENT AND EXISTING TELE/DATA RACK. FINAL CONNECTIONS BY .2 CONTRACTOR.
8. RELOCATE TANK MANAGEMENT SYSTEM AND GENERATOR ANNUNCIATOR PANEL TO NEW WALL AS INDICATED. MOUNT @ 46" AFF TO TOP OF DEVICES. EXTEND EXISTING/PROVIDE NEW CONDUIT AND WIRING AS REQUIRED.
9. PROVIDE CONDUIT, WIRING AND SURFACE MOUNTED RECEPTACLES AND DATA DEVICES AS INDICATED.

LEGEND

- HATCHING INDICATES REMOVAL BY .4 CONTRACTOR.
- DARK LINE TYPES INDICATE NEW.
- LIGHT LINE TYPES INDICATE EXISTING U.O.N.

1 / E-11 OPERATING FLOOR LEVEL – SEQUENCE 2 ELECTRICAL NEW WORK PLAN
SCALE: 1/4" = 1'-0"

TRUE PROJECT

REBID SUBMISSION
FEBRUARY 26, 2024

RECORD REVISIONS

RICHARD SZATKOWSKI
ENGINEER
No. 044441-E
COMMONWEALTH OF PENNSYLVANIA

02-26-2024
SIGNATURE DATE

ARRIS ENGINEERING GROUP, LTD.
667 SOUTH RIVER STREET
PLAINS, PENNSYLVANIA

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF GENERAL SERVICES
HARRISBURG, PENNSYLVANIA

D.G.S. PROJECT No.
C-0304-0015 PHASE 2

ELIZABETHTOWN TRAINING ACADEMY – RENOVATE BOILER PLANT AND DOMESTIC / FIRE PROTECTION PIPING
DEPARTMENT of CORRECTIONS
ELIZABETHTOWN, LANCASTER COUNTY, PA

OPERATING FLOOR LEVEL – SEQUENCE 2 ELECTRICAL NEW WORK PLAN

VERIFY SCALE
BAR IS ONE (1) INCH LONG ON ORIGINAL DRAWING: 0 — 1
IF BAR IS NOT ONE (1) INCH LONG, ADJUST SCALE ACCORDINGLY

CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS. VARIANCE FROM CONTRACT DOCUMENTS NOT PERMITTED WITHOUT PROFESSIONAL & BUREAU OF CONSTRUCTION APPROVAL.

DRAWN BY	DATE	DRAWING No.
S LOVE	FEB 2023	E-11
CHECKED BY	SCALE	
R SZATKOWSKI	AS NOTED	

FILE PATH: P:\1400.01 0304-0015 P2 Elizabethtown Boiler\Drawings\Ab Base Bid Drawings\4.Electrical CD\E-11_ Sec.2 Operating Floor Level Electrical New Work Plan.dwg
LAST SAVED: 2024.02.23 02:37 PM