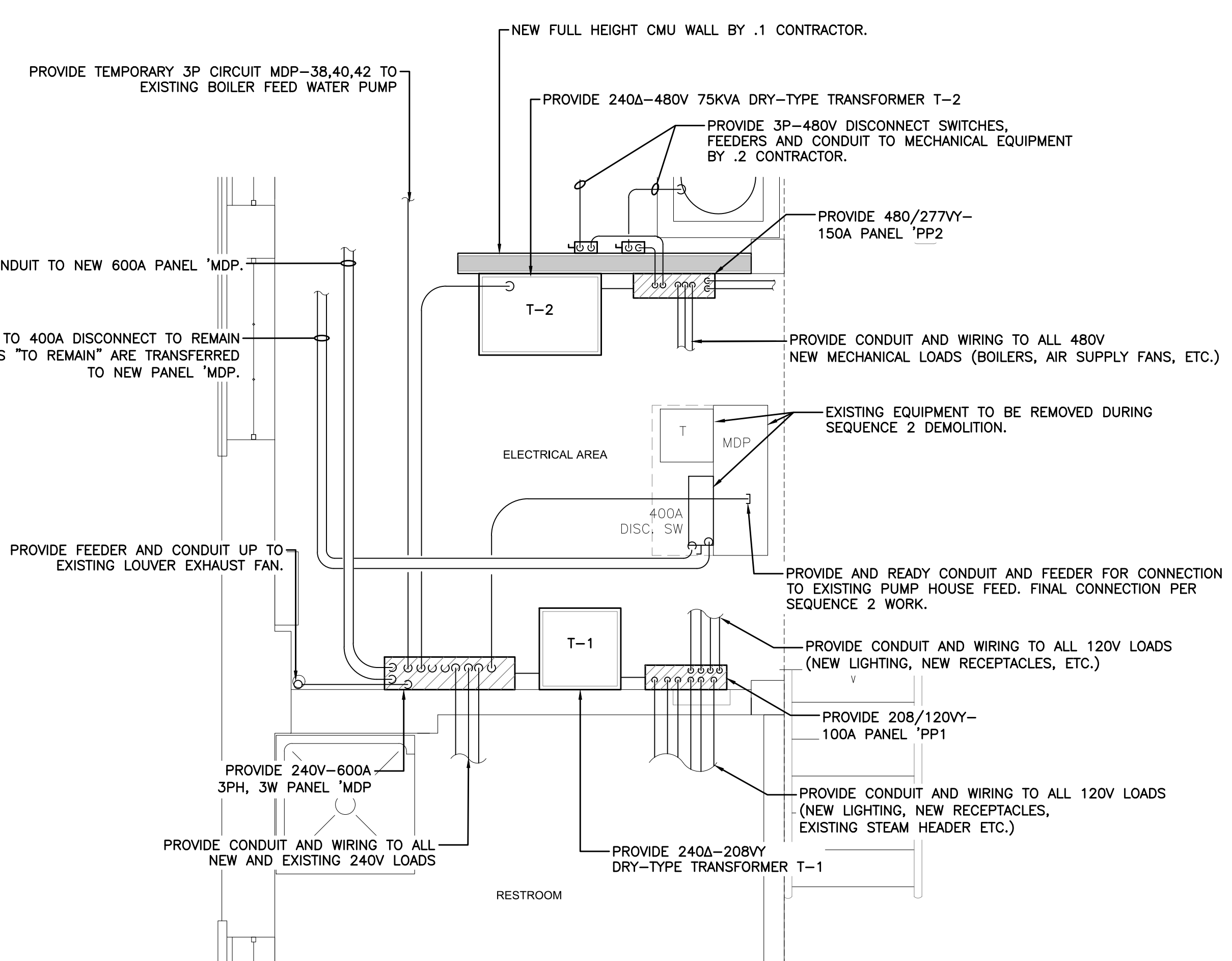


**LEGEND**

HATCHING INDICATES REMOVAL BY .4 CONTRACTOR.

DARK LINE TYPES INDICATE NEW.

LIGHT LINE TYPES INDICATE EXISTING U.O.N.



**2 ENLARGED ELECTRICAL AREA - SEQUENCE 1 NEW WORK PLAN**  
E-7 SCALE: 1/2" = 1'-0"

**GENERAL CONSTRUCTION NOTES:**

- GROUND ALL EQUIPMENT PER REQUIREMENTS OF NATIONAL ELECTRICAL CODE AND APPLICABLE DETAILS ON SHEET E-12.
- COORDINATE ALL SHUTDOWNS WITH CLIENT AGENCY.
- COORDINATE ALL WORK WITH RESPECTIVE TRADES.
- REFER TO NEW ONE-LINE DIAGRAM AND PANELBOARD SCHEDULES FOR ADDITIONAL INFORMATION.
- VERIFY ALL CONDUIT ROUTING IN FIELD.

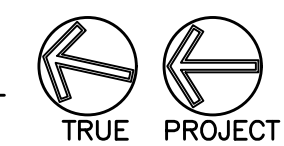
**KEYED CONSTRUCTION NOTES**

- PROVIDE 600V SPICES IN EXTERIOR JUNCTION BOX AND FEEDERS AND CONDUIT TO NEW 240V-600A PANEL 'MDP. REFER TO SEQUENCE 1 NEW WORK DIAGRAM FOR ADDITIONAL INFORMATION.
- PROVIDE NEMA 3R DISCONNECT SWITCH FOR MECHANICAL EQUIPMENT PROVIDED BY .2 CONTRACTOR.
- PROVIDE SURFACE MTD. VAPOR TIGHT LED LIGHTING FIXTURE, SURFACE MTD. CONDUIT & WIRING AND SURFACE MTD. LIGHT SWITCH AS INDICATED. COORDINATE EXACT LOCATIONS WITH EXISTING AND NEW SYSTEMS. REFER TO LIGHTING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION.
- NEW BOILER INSTALLED BY .2 CONTRACTOR.
- PROVIDE SURFACE MOUNTED SWITCHING FOR NEW LIGHTING FIXTURES THROUGHOUT SPACE. REFER TO MEZZANINE LEVEL NEW WORK FOR ALL HIGH BAY FIXTURES CONTROLLED BY SWITCHING AND EXTENT OF NEW LIGHTING CIRCUIT(S).
- PROVIDE LIGHTING FIXTURE AS INDICATED. REFER TO LIGHTING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION.
- PROVIDE REMOTE BOILER EMERGENCY POWER OFF DEVICE, WIRING AND CONDUIT TO BOILER B-1 CONTROL PANEL. COORDINATE WITH BOILER MANUFACTURER FOR TERMINATION POINTS IN BOILER CONTROL PANEL. DEVICE SHALL BE PHILIA ELECTRICAL PRODUCTS, INC. MODEL WPS-MP-B5-CLM WITH PILNCCB AND PILNOCB CONTACT BLOCKS OR EQUAL. DEVICE SHALL BE WIRED TO SHUTDOWN BOILER B-1.
- RELOCATE ALL LOW VOLTAGE SYSTEMS DEVICES REMAINING FROM DEMOLITION. COORDINATE ALL WORK WITH RESPECTIVE VENDORS. NOT ALL DEVICES SHOWN ON PLAN.
- PROVIDE 120V CIRCUIT AND ALL CONDUIT AND CAT5/6/FIBER (15' PIGTAILS AT EACH END) AS REQUIRED BETWEEN NEW EQUIPMENT AND EXISTING TELE/DATA RACK. FINAL CONNECTIONS BY .2 CONTRACTOR. COORDINATE REQUIREMENTS WITH .3 CONTRACTOR AND CLIENT AGENCY'S I.T. DEPARTMENT.
- PROVIDE CONDUIT, WIRING AND SURFACE MOUNTED RECEPTACLES AND DATA DEVICES AS INDICATED THROUGHOUT SPACE.
- PROVIDE EMERGENCY LIGHTING FIXTURES WITH 90 MINUTE BACK-UP AS INDICATED. REFER TO LIGHTING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION.
- WIRING AND CONNECTION BETWEEN INDOOR AND OUTDOOR UNIT BY .2 CONTRACTOR.
- EM FIXTURE WIRED TO HIGH BAY LIGHTING FIXTURE CIRCUIT ABOVE.
- PROVIDE 120V POWER TO DDC CONTROLLER BY .2 CONTRACTOR. COORDINATE LOCATION AND REQUIREMENTS WITH .2 CONTRACTOR PRIOR TO ROUGH-IN.

**LIGHTING CIRCUIT NOTES**

- ALL LIGHTING ON OPERATING FLOOR LEVEL CIRCUITED FOR POWER VIA LIGHTING CIRCUIT PP1-2

**1 OPERATING FLOOR LEVEL - SEQUENCE 1 ELECTRICAL NEW WORK PLAN**  
E-7 SCALE: 1/4" = 1'-0"



REBID SUBMISSION  
FEBRUARY 26, 2024

RECORD REVISIONS	
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 1 ELECTRICAL NEW WORK PLAN	
DRAWN BY S LOVE DATE FEB 2023 DRAWING No. E-7	
CHECKED BY R SZATKOWSKI SCALE AS NOTED	
CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS. VARIANCE FROM CONTRACT DOCUMENTS NOT PERMITTED WITHOUT PROFESSIONAL & BUREAU OF CONSTRUCTION APPROVAL.	

**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.