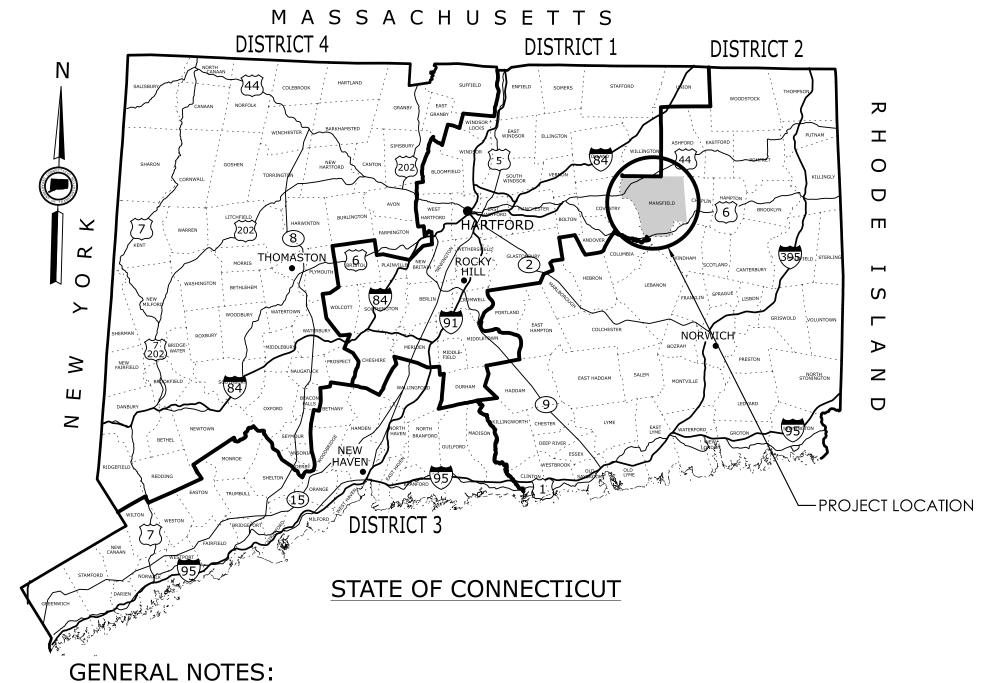


CONNECTICUT DEPARTMENT OF TRANSPORTATION



Plans For

WRTD 2 BEB - ELECTRICAL



MANSFIELD

Town(s)/City of

- 1. FEDERAL AID PROJECT NO. N/A 2. CONSTRUCTION SPECIFICATIONS:
- Connecticut Department of Transportation, Standard Specifications for Roads, Bridges, Facilities and Incidental Construction, Form 818 dated 2020; Supplemental Specifications, dated July 2023; and Special Provisions
 3. 400 FOOT GRID BASED ON CONNECTICUT COORDINATE

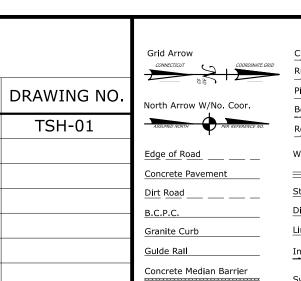
 SYSTEM N.A.D. 1983

- 4. VERTICAL DATUM BASED ON NAVD 1988
- 5. Surveyed By: CTDOT District 3 Surveys

7
B (B)
195
F

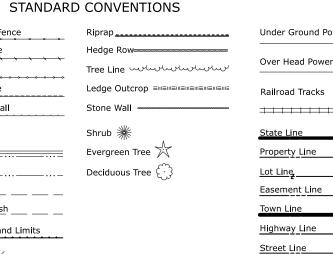
	T SHEET COUNT DOES NDUM AND CHANGE ORDERS		
	*SUBSET SHEET COUNT	SUBSET TITLE	SUBSET NO.
	1	GENERAL	01
	12	ELECTRICAL	02
DRAWING TITLE			
TITLE SHEET			

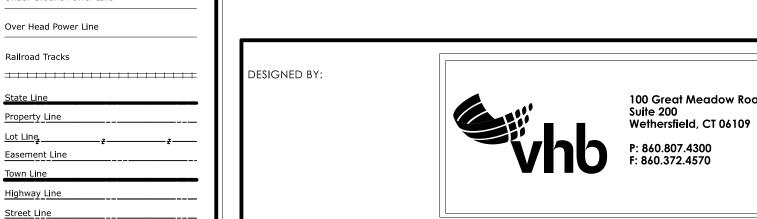
LIST OF SUBSETS



LIST OF DRAWINGS

SUBSET 01 - GENERAL





Plans For WRTD 2 BEB - ELECTRIC	CAL
Town(s)/City MANSFIELD	

0474-0095

DRAWING NO.

02 - ELECTRICAL INDEX OF DRAWINGS				
DRAWING NUMBER	DRAWING TITLE			
INX-01	INDEX OF DRAWINGS			
E-01	SYMBOLS, ABBREVIATIONS, AND ELECTRICAL SPECIFICATIONS			
E-02	EXISTING BLOCK HEATERS CABLE ROUTING PLAN			
E-03	EXISING BLOCK HEATERS SINGLE LINE DIAGRAM			
E-04	EXISTING BLOCK HEATERS PANEL SCHEDULE			
E-05	PROPOSED EV BUS CHARGING SITE PLAN			
E-06	PROPOSED TEMPORARY EV PLUG SINGLE LINE DIAGRAM			
E-07	PROPOSED EV1 PANEL SCHEDULE			
E-08	PROPOSED BLOCK HEATERS SINGLE LINE DIAGRAM			
E-09	PROPOSED BLOCK HEATERS PANEL SCHEDULE			
E-10	EV INSTALLATION DETAILS SHEET 1 OF 2			
E-11	EV INSTALLATION DETAILS SHEET 2 OF 2			



Wethersfield, CT 06
P: 860.807.4300
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PROJECT NUMBER: 0474-0095 PROJECT DESCRIPTION: WRTD 2 BEB - ELECTRICAL TOWN(S): WINDHAM DRAWING TITLE: INDEX OF DRAWINGS

DESIGNER/DRAFTER: Y. LI CHECKED BY: C. SULLIVAN

POWER SYMBOLS

CONDUIT RUN EXPOSED

CONDUIT RUN CONCEALED IN CEILING OR WALL OR UNDERGROUND

CONDUIT TURNING UP

CONDUIT TURNING DOWN

CONDUIT "TEE" FITTING

HOMERUN, LP1-3, DENOTES LIGHTING LP1-3 PANEL NO.1, CIRCUIT *3

UNFUSED DISCONNECT SWITCH RATINGS AS SHOWN ON DWGS.

120/240 V POWER/LIGHTING PANEL PP/LP-PP/LP-X X DENOTES PANEL NAME AND NUMBER

GROUND FAULT INTERRUPTER, DUPLEX RECEPTACLE, 20A, 125V, 42" AFF OR **ABOVE COUNTER**

JUNCTION BOX

PULL BOX

ONE LINE DIAGRAM SYMBOLS

MODELED CASE CIRCUIT BREAKER AF - AMPERE FRAME \400 AT AT - AMPERE TRIP

DISCONNECT SWITCH

3P - THREE POLE

FUSE

M

GROUND CONNECTION

CT CABINET

UTILITY POLE

ABBREVIATIONS

AMPERE AMPERES INTERRUPTING CAPACITY AWG AMERICAN WIRE GAUGE BHP **BUS HEATER PANEL BRK** BREAKER

CONDUIT CBCIRCUIT BREAKER CKT CIRCUIT CONTR CONTRACTOR DISC. DISCONNECT SWITCH DWG. DRAWING

EMPTY CONDUIT E.C. **ELECT** ELECTRIC OR ELECTRICAL FIXT. FIXTURE

G/GND GROUND GFI GROUND FAULT INTERRUPTER JUNCTION BOX JB KVA KILOVOLT AMPERE ΚW KILOWATTS

MCB MAIN CIRCUIT BREAKER MTG MOUNTING MTD MOUNTED

NEC NATIONAL ELECTRICAL CODE NTS NOT TO SCALE

OFFC OFFICE POLE PP POWER PANEL **PWR** POWER QTY QUANTITY **RECEP1** RECEPTACLE S/N SOLID NEUTRAL SW SWITCH **TEMP TEMPORARY** TYP.

TYPICAL 2 POLE 2P 3P 3 POLE UNLESS NOTED OTHERWISE

VOLT **VOLT AMPERES** V.A. WATT OR WIRE WEATHER PROOF

ELECTRICAL SPECIFICATIONS

GENERAL

- 1. THE ELECTRICAL CONTRACTOR REFERRED TO HEARAFTER AS THE CONTRACTOR SHALL PROVIDE COMPLETE ELECTRICAL SYSTEMS AS INDICATED ON THE DRAWINGS AND SPECIFIED HEREIN.
- 2. CONTRACTOR SHALL PROVIDE PROTECTIVE DEVICES, CONDUCTORS, SUPPORTS, RACEWAYS, AND MISCELLANEOUS MATERIALS TO SERVE ALL DEVICES REQUIRING ELECTRICAL POWER.
- 3. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, FEES, AND INSPECTIONS REQUIRED TO COMMENCE AND COMPLETE ELECTRICAL
- 4. CONTRACTOR SHALL CONDUCT A THOROUGH SITE INSPECTION TO FAMILIARIZE HIMSELF WITH EXISTING CONDITIONS AND ALL ASPECTS OF HIS SCOPE OF WORK.
- THE CONTRACTOR SHALL PROVIDE, DROP CLOTH, RUBBER MATS, AND PLYWOOD COVERSFOR OWNER'S EQUIPMENT SUSCEPTIBLE TO DAMAGE DURING CONSTRUCTION. VERY SPECIFIC LOCATIONS WITH OWNER'S REPRESENTATIVE.
- 6. ALL WORK SHALL BE PERFORMED DURING PERIODS ACCEPTABLE TO THE
- 7. AT PROJECT COMPLETION, THE CONTRACTOR SHALL INSURE THAT ALL ELECTRICAL SYSTEMS OPERATE PROPERLY. CONTRACTOR SHALL DEMONSTRATE OPERATION OF EACH SYSTEM WITH THE OWNER'S REPRESENTATIVE.
- 8. CONTRACTOR SHALL KEEP THE WORK AREA CLEAN & FREE OF DUST AT ALL TIMES DURING CONSTRUCTION
- CONTRACTOR SHALL, EACH DAY AND AT THE CONCLUSION OF WORK, REMOVE ALL WASTE, DIRT AND DEBRIS RESULTING FROM THE WORK PERFORMED. SUCH MATERIAL SHALL BE REMOVED FROM THE PROPERTY & DISPOSED OF AT THE CONTRACTOR'S EXPENSE.
- 10. CONTRACTOR SHALL NOT LEAVE ANY SECURITY DOOR, GATE, OR OPENING USECURED AT ANY TIME WHEN SUCH AREA IS NOT DIRECTLY ATTENDED.
- 11. CONTRACTOR SHALL COMMISSION A THIRD PARTY ELECTRICAL INSPECTOR TO INSPECT ALL ELECTRICAL WORK. ALL COST SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.

CODES AND STANDARDS

1. ELECTRICAL WORK SHALL COMPLY WITH THE LATEST EDITION OF:

-NFPA 70 (NATIONAL ELECTRICAL CODE) -STATE OF CONNECTICUT BUILDING CODES -CODES SPECIFIC TO OTHER SECTIONS HEREIN

2. ELECTRICAL WORK SHALL COMPLY WITH ALL LOCAL AND STATE ELECTRCIAL CODES AND IN ACCORDANCE WITH REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION (AHJ).

 WORKMANSHIP SHALL BE HIGH QUALITY AND FOLLOW INDUSTRY STANDARDS. SUBSTANDARD WORK WILL BE REJECTED. THE CONTRACTOR IS RESPONSIBLE FOR REPAIR AND REWORK TO RECTIFY SUBSTANDARD WORK. QUALITY OF WORK SHALL BE DETERMINED BY THE OWNER'S REPRESENTATIVE AND/OR ENGINEER OR RECORD.

INTERFERENCES

1. PLANS ARE GENERALLY DIAGRAMMATIC. THE CONTRACTOR SHALL COORDINATE WITH OTHER TRADES SO THAT INTERFERENCES BETWEEN CONDUITS, PIPING, EQUIPMENT, DUCTS, AND STRUCTURAL WORK WILL BE AVOIDED. IN SUCH CASE THE CONTRACTOR FAILS TO COORDINATE WITH OTHER TRADES AND INTERFERENCES ARE ALLOWED TO DEVELOP CTDOT PROJECT MANAGER WILL DECIDE WHICH EQUIPMENT, DUCT, CONDUIT, ECT. MUST BE RELOCATED, REGARDLESS OF WHICH WAS INSTALLED FIRST WITH NO COST TO CTDOT.

MATERIALS

- ALL ELECTRICAL EQUIPMENT & MATERIALS SHALL BE APPROVED BY UNDERWRITERS LABORATORY FOR THE APPLICATION & SHALL BEAR A UL LABEL
- 2. ELECTRICAL ENCLOSURES SHALL BE NEMA RATED. UNLESS OTHERWISE NOTED, ENCLOSURE RATINGS SHALL ADHERE TO THE FOLLOWING:

-NEMA 1 INDOOR -NEMA 3R OUTDOOR

GUARANTEE

CONTRACTOR SHALL GUARANTEE ALL WORK FOR A PERIOD OF ONE YEAR FROM DATE OF OWNER'S ACCEPTANCE. THE CONTRACTOR SHALL RECTIFY ANY DEFECTS DUE TO FAULTY MATERIALS OR WORKMANSHIP AND PAY FOR DAMAGE CAUSED BY FAILURE AND REWORK. THE OWNER WILL GIVE NOTICE OF DEFECTS WITH RESONABLE PROMPTNESS AFTER DISCOVERY. THE CONTRACTOR SHALL START REWORK WITHIN (10) WORKING DAYS OF NOTIFICATION AND COMPLETE REPAIRS IN A TIMELY MANNER.

IDENTIFICATION OF EQUIPMENT

- 1. LABEL ALL ELECTREICAL EQUPUIPMENT WITH ENGRAVED LAMINATED PLASTIC NAMEPLATE THAT CLEARLY DESCRIBES THE EQUIPMENT NAME, VOLTAGE, AMPERAGE RATING, AND FUNCTION. NAMEPLATES SHALL BE AS DETAILED ON DRAWINGS, OR SPECIFIED IN SPECIFICATIONS.
- 2. INSTALL VINYL CLOTH SELF-ADHESIVE CIRCUIT LABELS ON ALL WIRE AND CABLE IN JUNCTION BOXES, WIRE TROUGHS, CONDUITS, AND PANELBOARD WIRING GUTTERS
- 3. IDENTIFY JUNCTION BOXES WITH PERMANENT MARKER INDICATING PANELBOARD AND CIRCUIT NUMBERS OF WIRING CONTAINED WITHIN.
- 4. PROVIDE TYPEWRITTEN PANELBOARD DIRECTORIES WITH ACCURATE RECORD DOCUMENT INFORMATION. DIRECTORIES SHALL REFLECT TYPE OF LOAD AND AREA SERVED FOR EACH BREAKER.

RACEWAYS AND FITTINGS

- CONDUIT SHALL BE PROPERLY ALIGNED, GROUPED, AND SUPPORTED. EXPOSED CONDUIT SHALL BE INSTALLED AT RIGHT ANGLES TO OR PARALLEL TO THE PRINCIPAL STRUCURAL MEMBERS. CONDUIT SHALL BE SUPPORTED AT INTERVALS NOT EXCEEDING 8 FEET.
- 2. PROVIDE NYLON PULL CORD IN ALL EMPTY CONDUITS.
- 3. ELECTRICAL METAL TUBING (EMT) SHALL BE USED FOR DRY INTERIOR INSTALLATIONS AND RGS FOR DAMP WET, OR EXTERIOR INSTALLATIONS. COUPLINGS AND CONNECTORS SHALL BE STEEL, COMPRESSION TYPE FOR STEEL EMT AND DIECAST ALUMINUM, LIQUID TIGHT, COMPRESSION TYPE FOR ALUMINUM EMT.
- 4. FLEXIBLE METALLIC CONDUIT IN DAMP OR WET LOCATIONS SHALL BE UNDERWRITERS' APPROVED, GALVANIZED STEEL WITH MOISTURE PROOF PVC JACKET.
- GALVANIZED RIGID STEEL (RGS) CONDUIT SHALL BE UL APPROVED HOT DIPPED GALVANIZED. RGS CONDUIT COUPLINGS SHALL BE THREADED HEAVY WALL GALVANIZED STEEL. USE RGS CONDUIT FOR FEEDER RISERS 2" OR GREATER BETWEEN ELECTRICAL PANEL BOARDS, JUNCTION BOXES, OR METERS. USE 90 DEGREES RGS SWEEPS IN UNDERGROUND PVC CONDUIT RUNS LARGER THAN 2" IN DIAMETER. RGS SWEEPS SHALL HAVE A PVC-RGS COUPLER BETWEEN RGS BEND AND PVC VERTICAL STUB UP. PAINT ALL GALVANIZED RIGID CONDUITS INSTALLED BELOW GRADE WITH RUST INHIBITING PAINT.

BOXES

- BOXES SHALL BE RIGIDLY MOUNTED AND COVERED WITH MATCHING SCREW FASTEN PLATE. OPEN KNOCKOUTS OR HOLES IN BOXES SHALL BE PLUGGED WITH A SUITABLE BLANKING DEVICE.
- 2. OUTLET BOXES FOR EXPOSED WALL MOUNTING AND OUTDOOR INSTALLATIONS SHALL BE CAST WITH SUITABLE GALVANIZED SHEET STEEL COVERS OR CAST METAL WEATHER PROOF OR VAPOR TIGHT COVERS WHEN NOTED ON DRAWINGS. WEATHER PROOF RECEPTACLE COVERS SHALL HAVE SPRING HINGE LIDS.

SAFETY SWITCHES

- CIRCUIT BREAKERS SHALL BE MOLDED PLASTIC CASE WITH QUICK-MAKE, QUICK-BREAK CONTACTS. BREAKERS SHALL HAVE THERMAL MAGNETIC TRIP UNITS. MULTI-POLE BREAKERS SHALL HAVE A FACTORY INSTALLED COMMON TRIP. THE BARS INSTALLED IN THE FIELD ARE NOT ACCEPTABLE.
- 2. SAFTY SWITCH MECHANISMS SHALL BE HEAVY DUTY WITH QUICK-MAKE, QUICK-BREAK CONTACTS. COVER SHALL BE LOCKABLE AND INTERLOCKED WITH MECHANISM TO PREVENT OPENING WITH HANDLE IN THE "ON" POSITION. ALL ENCLOSURES SHALL BE PRIMED AND FINISHED TO RESIST RUSTING AND CORROSION. SWITCHES SHALL BE GENERAL ELECTRIC OR SQUARE D NEMA 3R ENCLOSURE.
- FUSES SHALL BE DUAL ELEMENT, CARTRIDGE TYPE. FUSES SHALL BE BUSMAN "FUSETRON" OR CHASE SHAWMUT "TRONIC". THE CONTRACTOR SHALL PROVIDE SIZES BASED ON EQUIPMENT NAMEPLATE DATA. CONTRACTOR SHALL FURNISH AS SPARE, A DUPLICATE CARTRIDGE FOR EACH FUSE INSTALLED.

CONDUCTORS

- UNLESS OPTHERWISE INDICATED, BRANCH CIRCUIT CONDUCTORS SHALL BE SOLID NO. 12 AWG COPPER. BRANCH CIRCUITS RUN OVER 100 FEET IN LENGTH, MEASURING ONE WAY FROM THE FIRST OUTLET OF THE CIRCUIT TO THE PANEL, SHALL BE SOLID NO. 10 AWG COPPER FOR THE **ENTIRE CIRCUIT**
- 2. ALLOW SUFFICIENT CABLE SLACK IN BOXES, OUTLETS AND CABINETS TO MAKE CONNECTION.
- 3. CONDUCTORS SHALL BE COPPER. UNLESS OTHERWISE NOTED. INSULATION SHALL BE DUAL TYPE THHN/THWN 90 DEGREES C. CONDUTCORS SHALL BE COLOR CODED IN ACCORDANCE WITH NFC 70. COLOR CODING SHALL BE BY MEANS OF COLORED INSULATING MATERIAL, COLORED BRAID JACKET OVER THE INSULATION OR BY MEANS OF SUITABLE COLORED, PERMANENT, NON-AGING, INSULATING TAPE APPLIED TO CONDUCTORS AT EACH CABINET OR JUNCTION POINT THE FOLLOWING SYSTEM OF COLOR CODING SHALL BE ADHERED TO:

-GROUND LEADS: GREEN

- -120/240 NEUTRAL CONDUCTOR: WHITE -120/240 VOLT, PHASE CONDUCTORS: BLACK, RED
- -277/480 NEUTRAL CONDUCTOR: GREY -277/480 VOLT, PHASE CONDUCTORS: BROWN, ORANGE, YELLOW
- 4. THE COLOR CODE ASSIGNED TO EACH PHASE WIRE SHALL BE CONSISTENTLY FOLLOWED THROUGHTOUT.

GROUNDING

- 1. ALL INTERIOR ELECTRICAL SYSTEMS SHALL BE COMPLETELY AND EFFECTIVELY GROUNDED AS REQUIRED BY NFPA 70 AND AS SPECIFIED
- METALLIC RACEWAYS SHALL BE MECHANICALLY AND ELECTRICALLY SECURE AT ALL JOINTS AND AT ALL BOXES, CABINETS, FITTINGS, AND EQUIPMENT. METALLIC RACEWAYS SHALL BE CONNECTED TO A DIRECT GROUND AT POINT OF ELECTRICAL SERVICE ENTRANCE AND SHALL BE ELECTRICALLY CONTINUOUS THROUGHOUT THE ENTIRE SYSTEM.
- 3. ALL GROUND CONDUCTORS SHALL BE INSULATED COPPER UNLESS OTHERWISE NOTED.
- 4. ALL RACEWAYS SHALL BE PROVIDED WITH A PARITY SIZED GREEN EQUIPMENT GROUND CONDUCTOR. GROUND CONDUCTOR SHALL BE INSTALLED IN ENTIRE RACEWAY SYSTEM INCLUDING SWITCHES AND FIXTURES. EQUIPMENT GROUND CONDUCTOR SIZES FOR CIRCUITS WITH PHASE CONDUCTORS LARGER THAN NO. 12 AWG ARE INDICATED ON THE DRAWINGS.
- ALL EQUIPMENT GROUND CONDUCTORS SHALL BE TERMINATED WITH LUGS OR CONPRESSION TERMINALS. CONDUCTORS LOOPED UNDER SCREW OR BOLT HEADS WILL NOT BE PERMITTED.

GENERAL NOTES:

- A. THE DRAWINGS ARE DIAGRAMMATIC & INDICATE GENERALLY THE LOCATIONS OF THE MATERIAL & EQUIPMENT. THESE DRAWINGS SHALL BE FOLLOWED AS CLOSELY AS POSSIBLE.
- MINOR DETAILS NOT USUALLY SHOWN OR SPECIFIED, BUT NECESSARY FOR PROPER INSTALLATION & OPERATION, SHALL BE INCLUDED IN THE CONTRACTOR'S BID, THE SAME AS IF HEREIN SPECIED OR SHOWN.
- C. ALL MATERIAL & INSTALLATION SHALL BE IN ACCORDANCE WITH LATEST EDITION OF THE NATIONAL ELECTRIC CODE, LATEST EDITION OF LOCAL CODES & ORDINANCES.
- D. ALL CONDUITS ON EXPOSED WORK SHALL BE RUN AT RIGHT ANGLES AND PARALLEL. DIAGONAL RUNS WILL NOT BE ALLOWED. BENDS IN PARALLEL CONDUIT RUNS SHALL BE CONCENTRIC, ALL CONDUIT SHALL RUN PERFECTLY STRAIGHT & TRUE.
- CONTRACTOR SHALL PROVIDE INFORMATION LABELS ON ALL RECEPTACLES, PANELBOARDS, JUNCTION BOXES, WALL SWITCHES, & DISCONNECT SWITCHES. LABELS SHALL BE PHENALIC TYPE WITH BLACK BACKGROUND & WHITE ENGRAVED LETTERING. LABEL SHALL INDICATE CIRCUIT/FEEDER SOURCE & EQUIPMENT ID NAME.
- EXACT LOCATION OF ALL BEB CHARGING & ASSOCIATED ELECTRICAL EQUIPMENT SHALL BE FIELD VERIFIED WITH OWNER PRIOR TO CONSTRUCTION & COORDINATED WITH EXISTING MECHANICAL & ELECTRICAL EQUIPMENT.

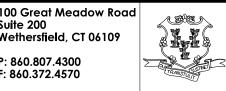
DESIGNER/DRAFTER

BLOCK:



Suite 200

P: 860.807.4300 : 860.372.4570

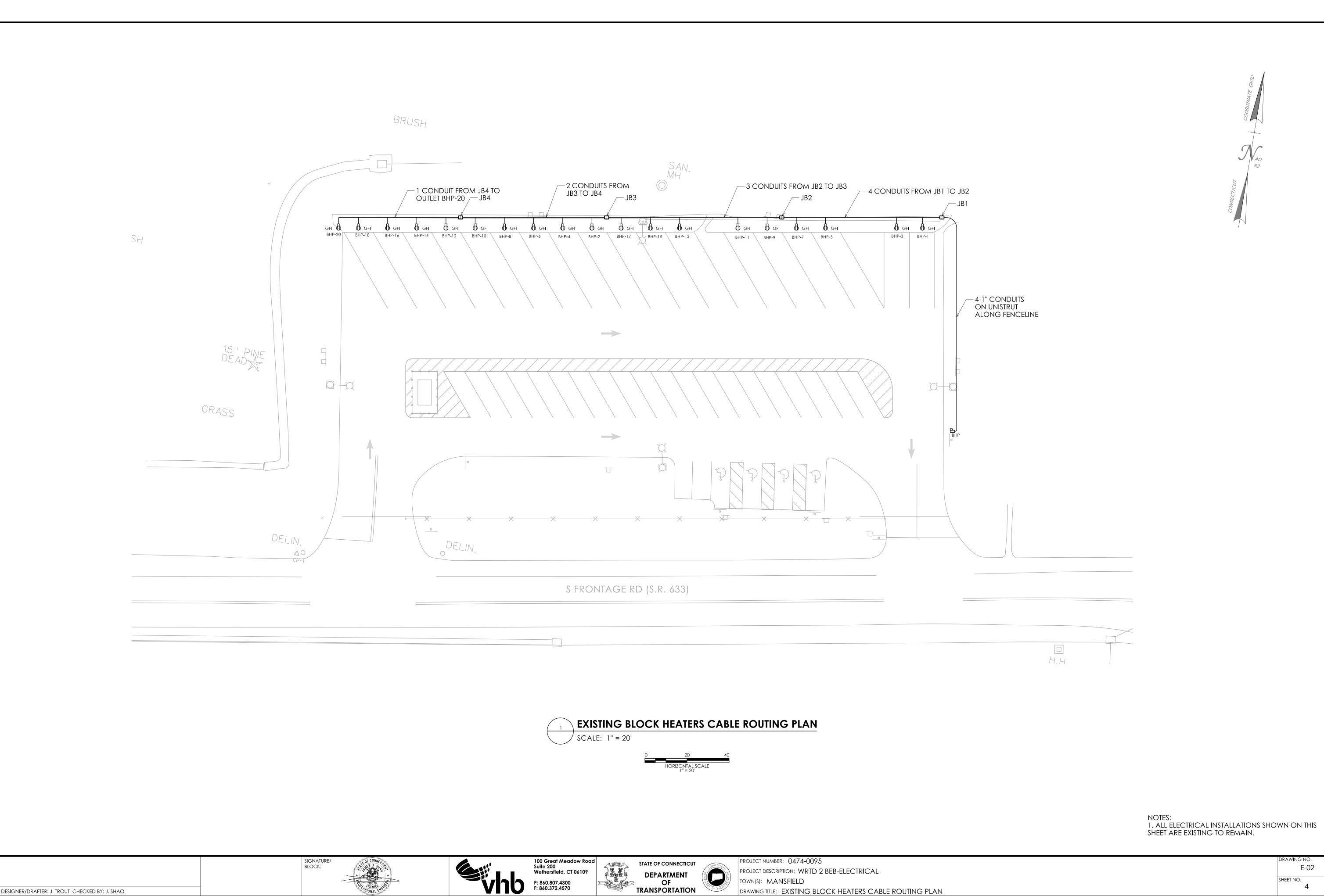












LASTED SAVED BY: jtrout FILE NAME: \\vhb.com\gbl\proj\Wethersfield\43249.01 PT Support-TO1\cad\A-prjdwg\00.02 EXISTING_BLOCK_HEATERS_CABLE_ROUTING_PLAN.dgn PLOTTED DATE: 8/1/2024

TO EXISTING OVERHEAD UTILITY SERVICE POLE MOUNT TRANSFORMER 240/120V SECONDARY 3C 3/0 (EXISTING) / METER (EXISTING) 3C 3/0 (EXISTING) BLOCK HEATER PANEL (EXISTING) 120/240V, 200A, 1Ø, 3W 19 BREAKERS IN USE, 1 SPARE, 40 SPACES

EXISTING BLOCK HEATERS-SINGLE LINE DIAGRAM

DESIGNER/DRAFTER: J. TROUT CHECKED BY: J. SHAO



STATE OF CONNECTICUT DEPARTMENT

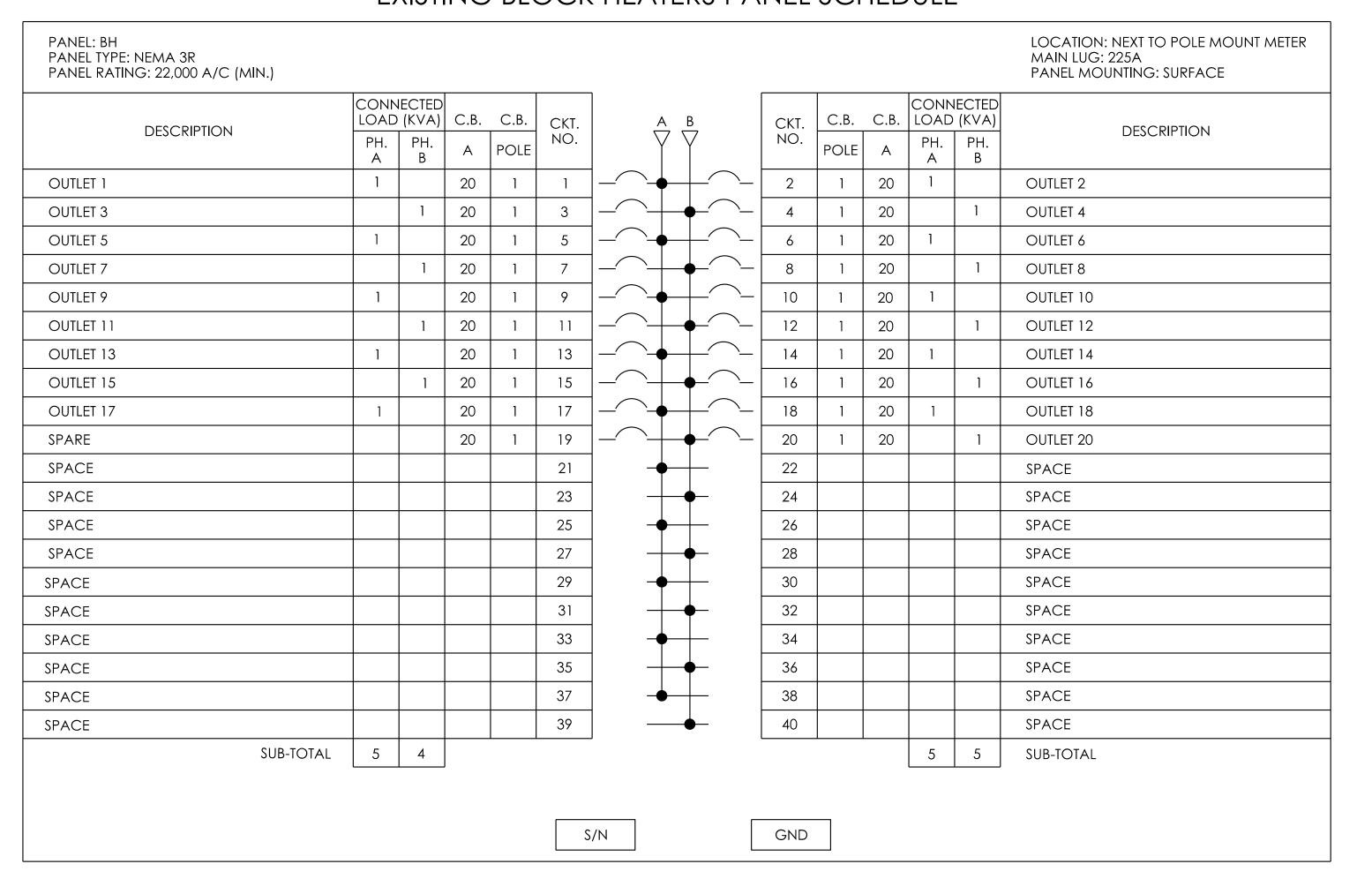
OF

TRANSPORTATION

PROJECT NUMBER: 0474-0095 PROJECT DESCRIPTION: WRTD 2 BEB-ELECTRICAL DRAWING TITLE: EXISTING BLOCK HEATERS SINGLE LINE DIAGRAM

E-03

EXISTING BLOCK HEATERS PANEL SCHEDULE



DATE REVISION DESCRIPTION

DESIGNER/DRAFTER: J. TROUT CHECKED BY: J. SHAO

SIGNATURE/ BLOCK:



100 Great Meadow Roo Suite 200 Wethersfield, CT 06109 P: 860.807.4300 F: 860.372.4570



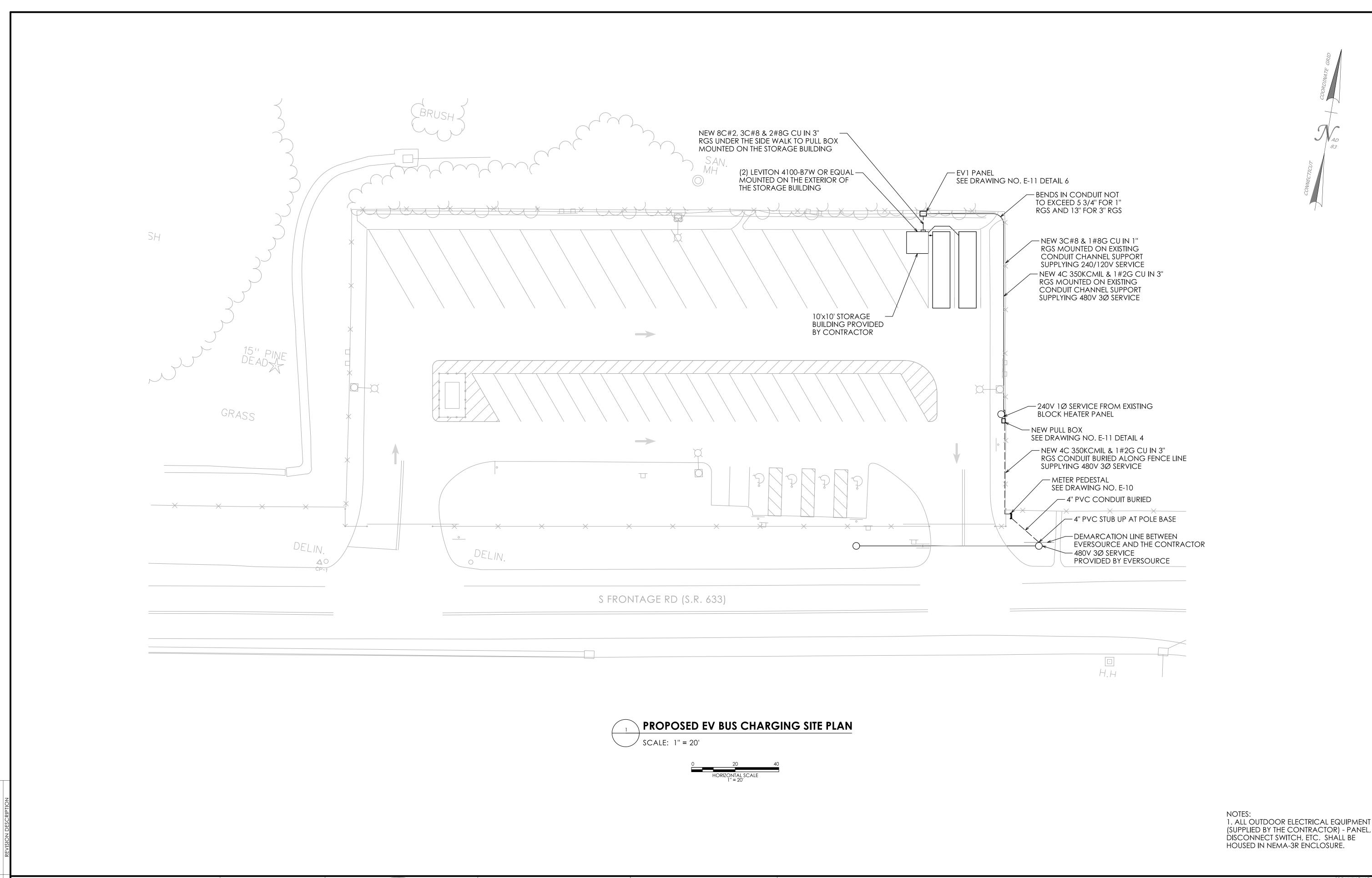
PROJECT NUMBER: 0474-0095

PROJECT DESCRIPTION: WRTD 2 BEB - ELECTRICAL

TOWN(S): MANSFIELD

DRAWING TITLE: EXISTING BLOCK HEATERS PANEL SCHEDULE

drawing no. E-04

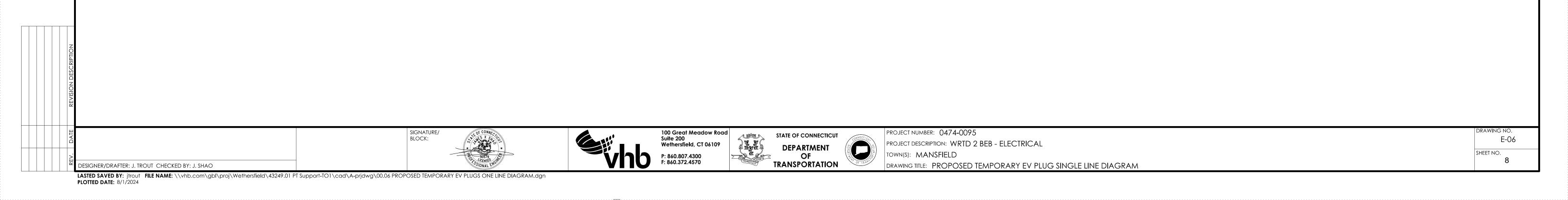


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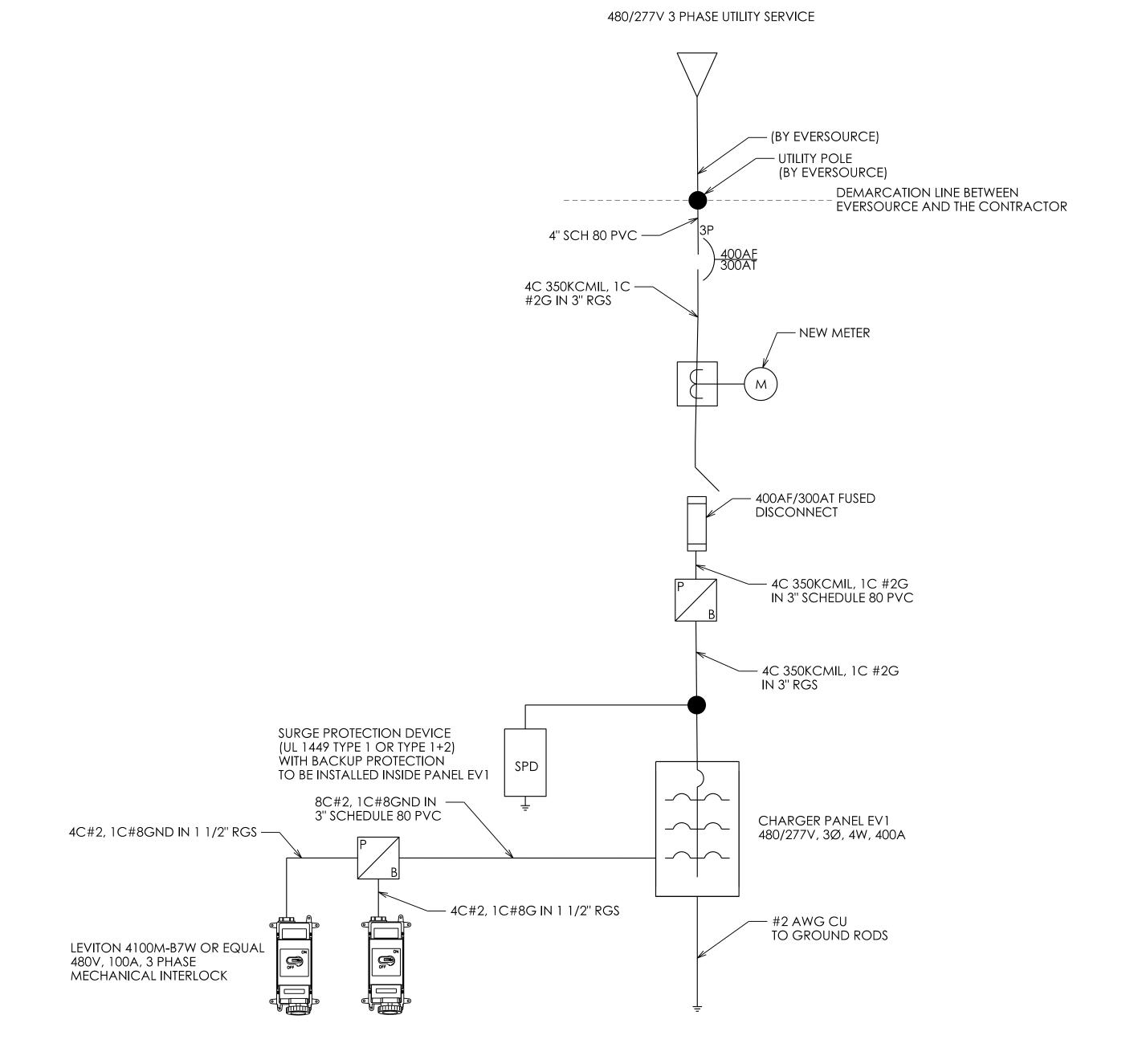
DESIGNER/DRAFTER: J. TROUT CHECKED BY: J. SHAO

STATE OF CONNECTICUT **DEPARTMENT** TRANSPORTATION

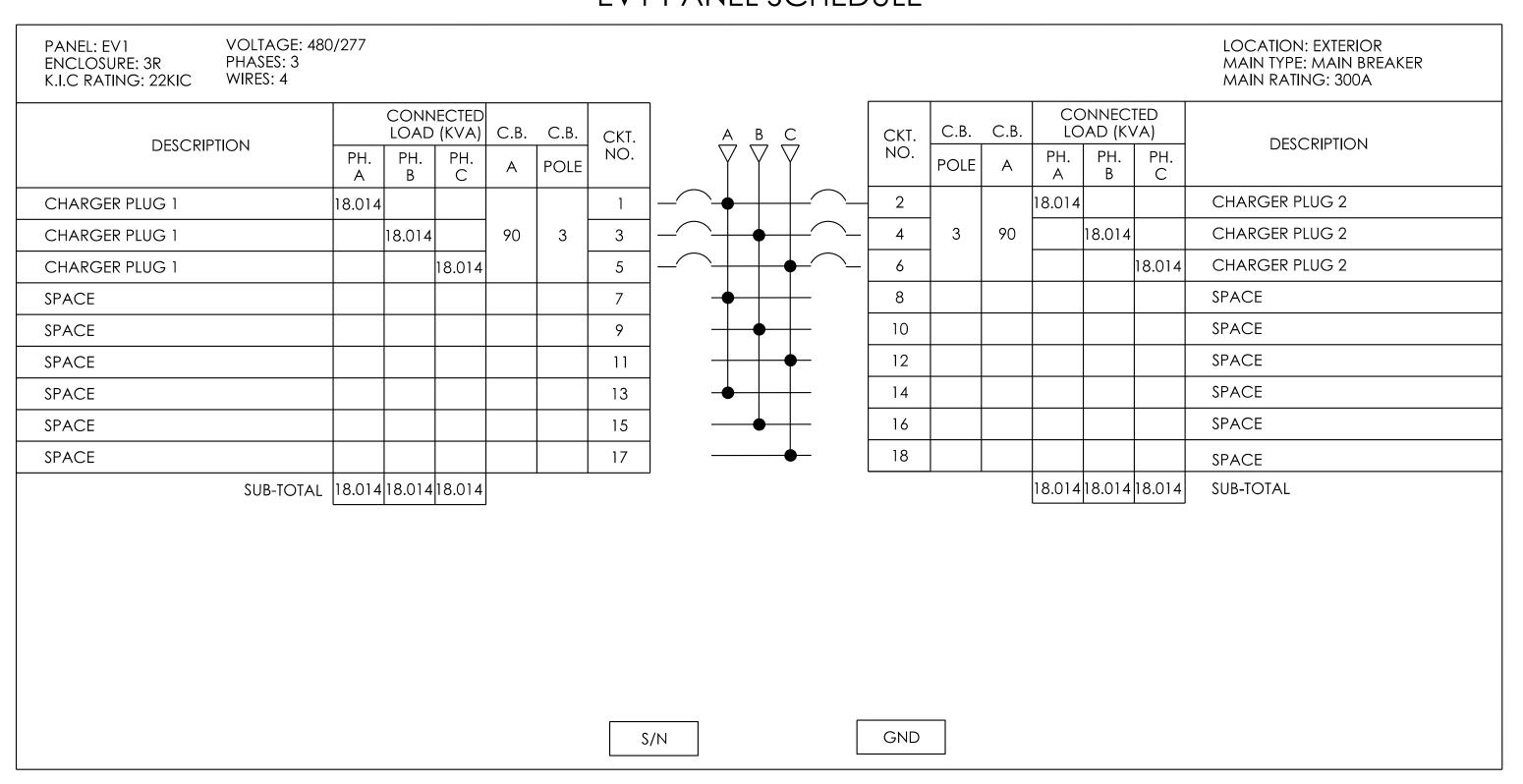
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PROPOSED TEMPORARY EV PLUG-SINGLE LINE DIAGRAM



EV1 PANEL SCHEDULE



DESIGNER/DRAFTER: J. TROUT CHECKED BY: J. SHAO



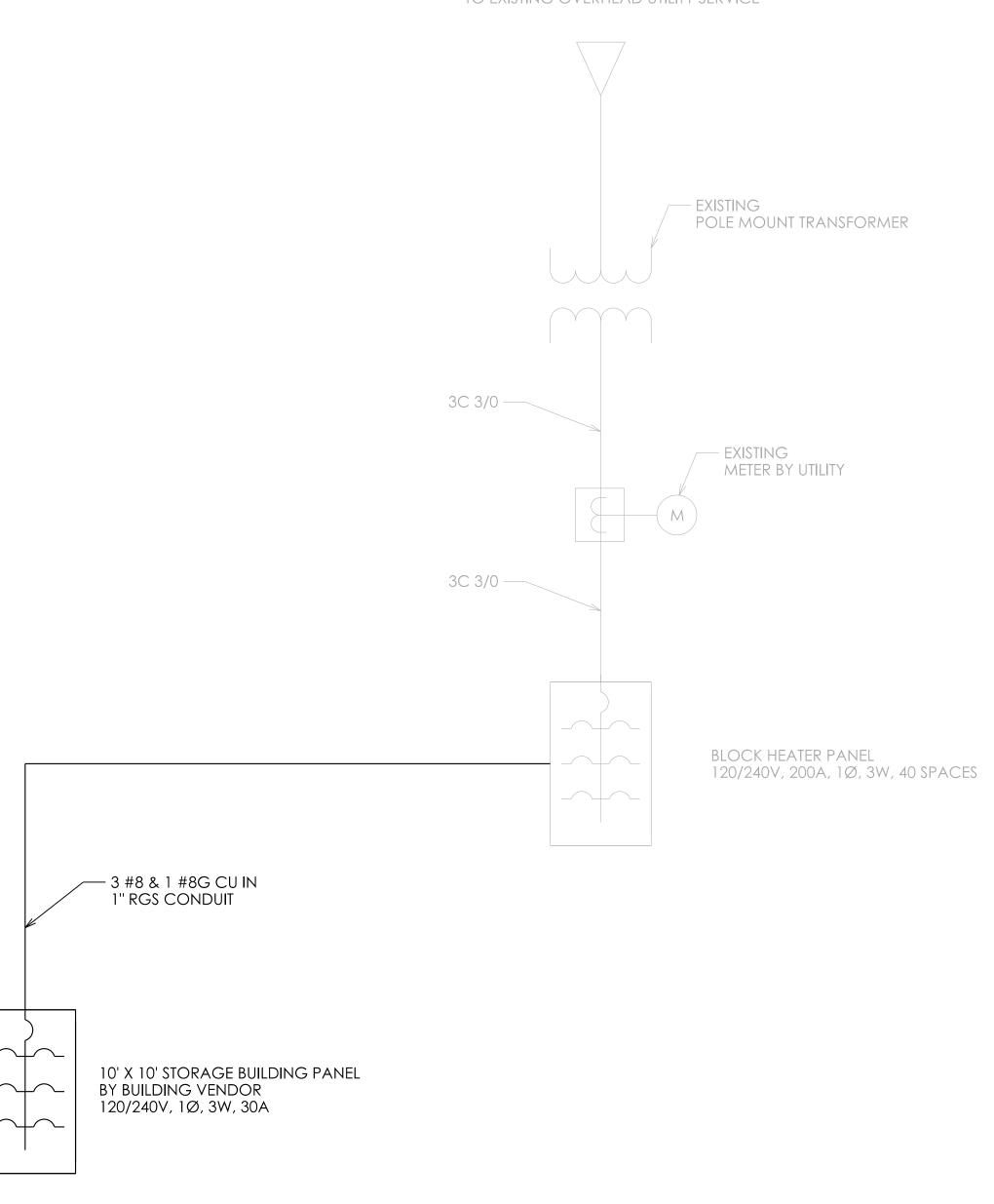


PROJECT NUMBER: 0474-0095 PROJECT DESCRIPTION: WRTD 2 BEB - ELECTRICAL town(s): MANSFIELD DRAWING TITLE: PROPOSED EV1 PANEL SCHEDULE

LEGEND

EXISTING ELECTRICAL INSTALLATION NEW ELECTRICAL INSTALLATION

to existing overhead utility service



POWER FOR TEMPORARY STORAGE BUILDING-SINGLE LINE DIAGRAM





PROJECT NUMBER: 0474-0095 TOWN(S): MANSFIELD

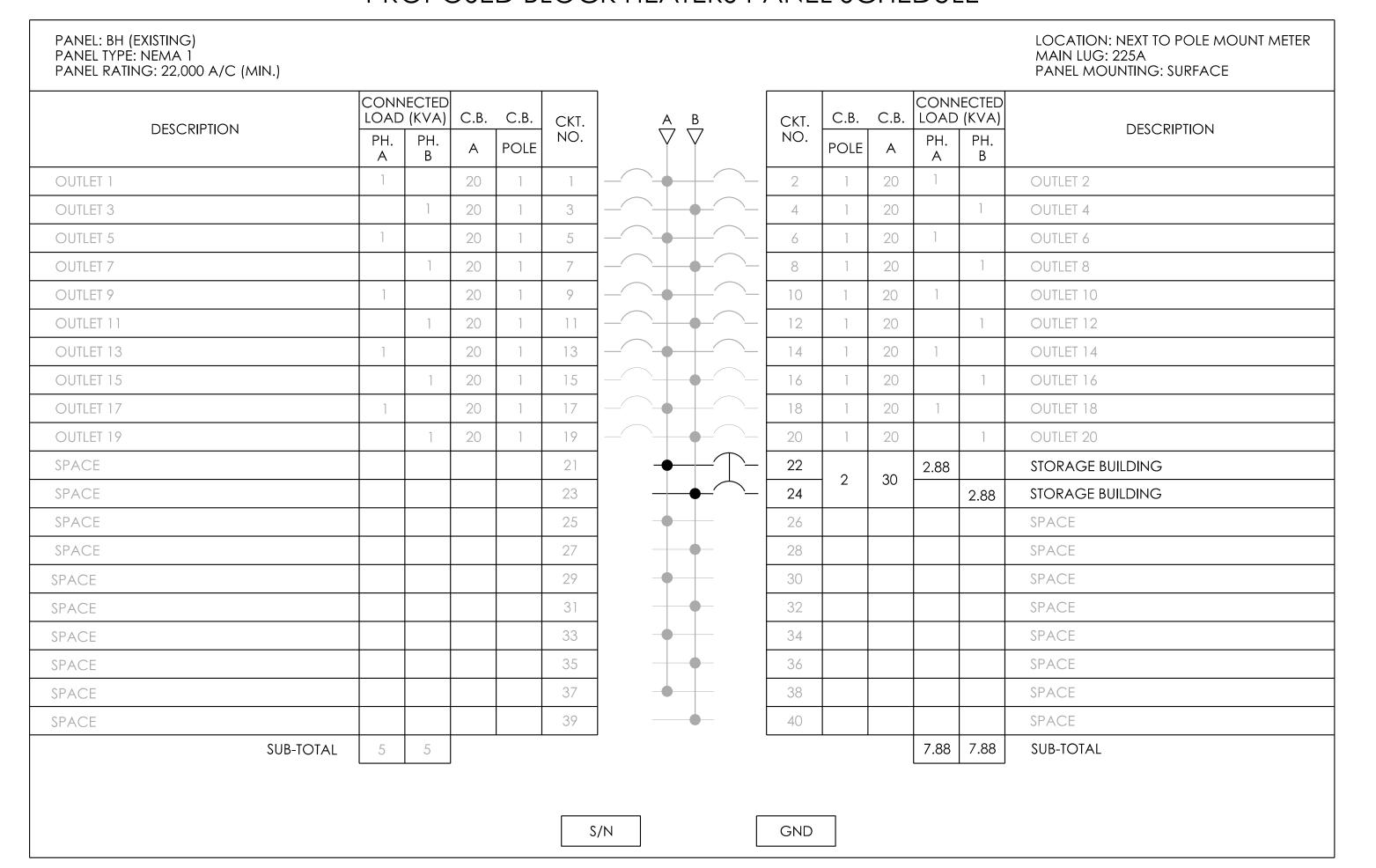
PROJECT DESCRIPTION: WRTD 2 BEB-ELECTRICAL DRAWING TITLE: PROPOSED BLOCK HEATERS SINGLE LINE DIAGRAM

DESIGNER/DRAFTER: J. TROUT CHECKED BY: J. SHAO

LEGEND

EXISTING ELECTRICAL INSTALLATION NEW ELECTRICAL INSTALLATION

PROPOSED BLOCK HEATERS PANEL SCHEDULE



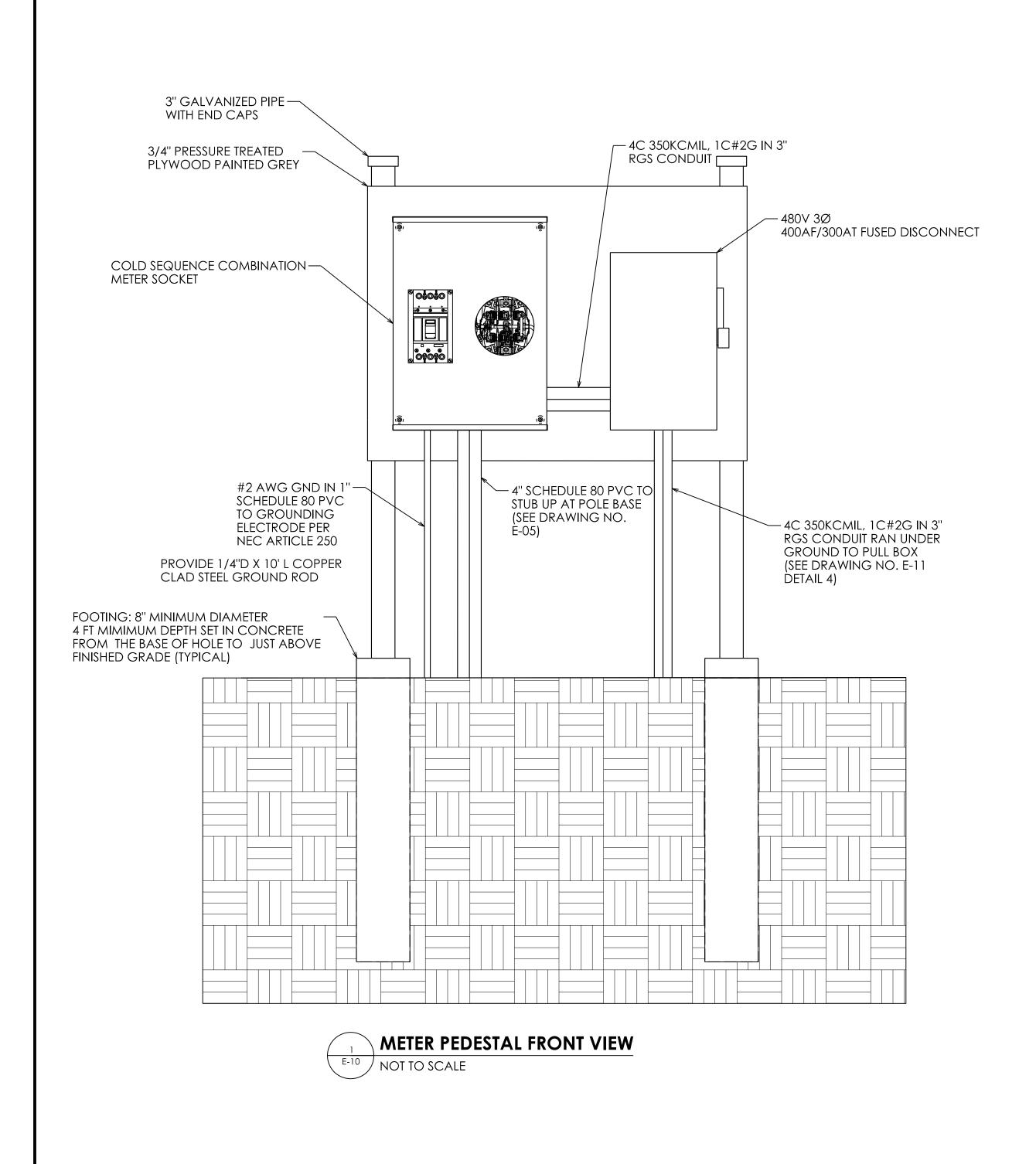


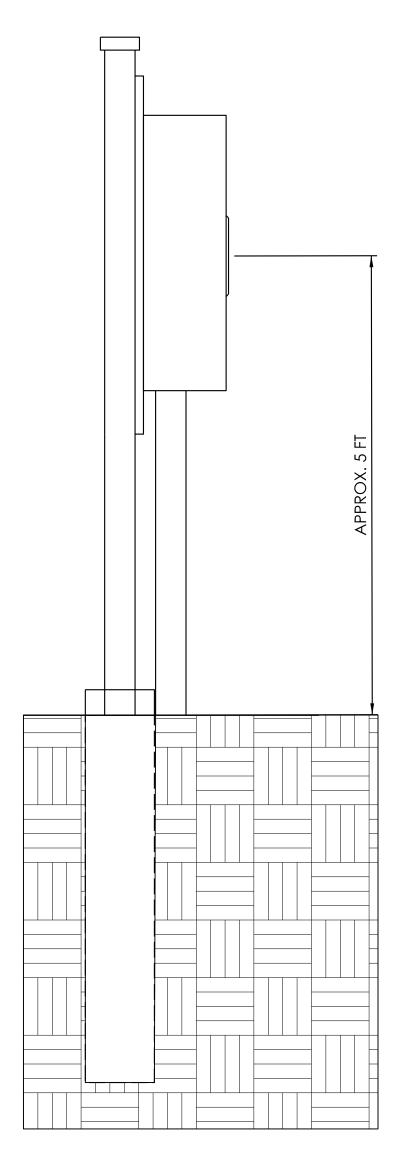


PROJECT NUMBER: 0474-0095 PROJECT DESCRIPTION: WRTD 2 BEB - ELECTRICAL town(s): MANSFIELD

DRAWING TITLE: PROPOSED BLOCK HEATERS PANEL SCHEDULE

DESIGNER/DRAFTER: J. TROUT CHECKED BY: J. SHAO





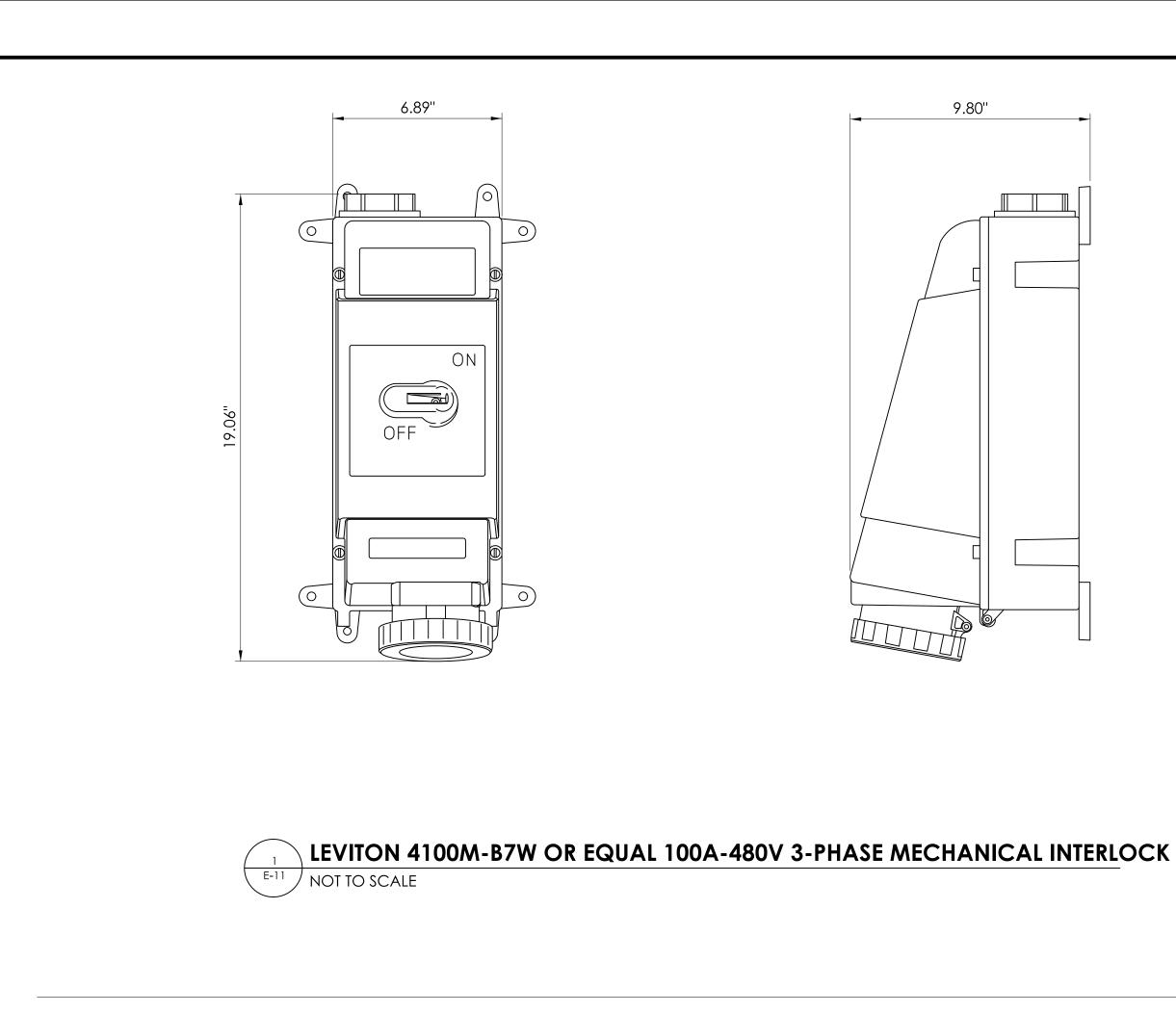
METER PEDESTAL SIDE VIEW E-10 NOT TO SCALE

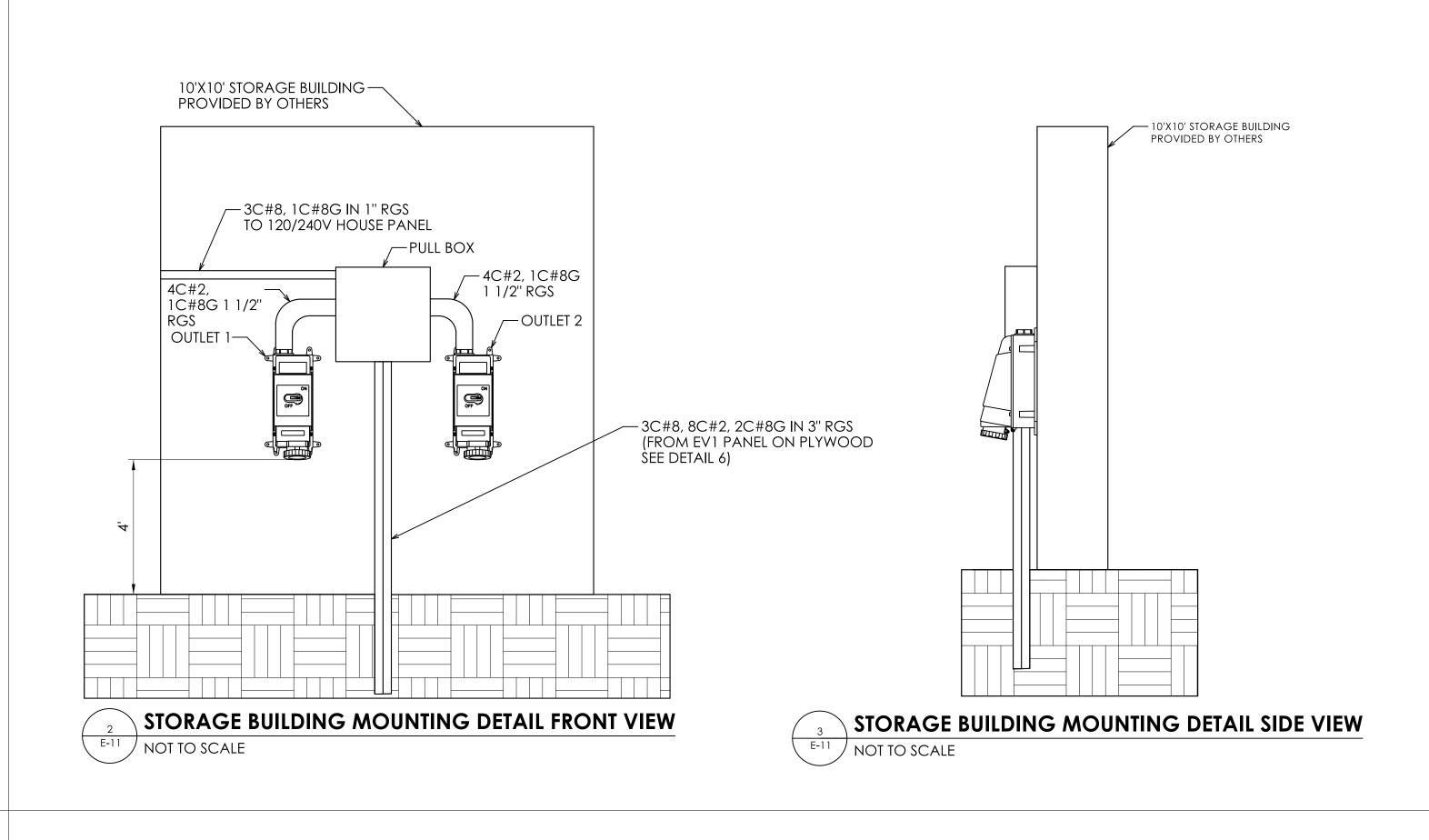


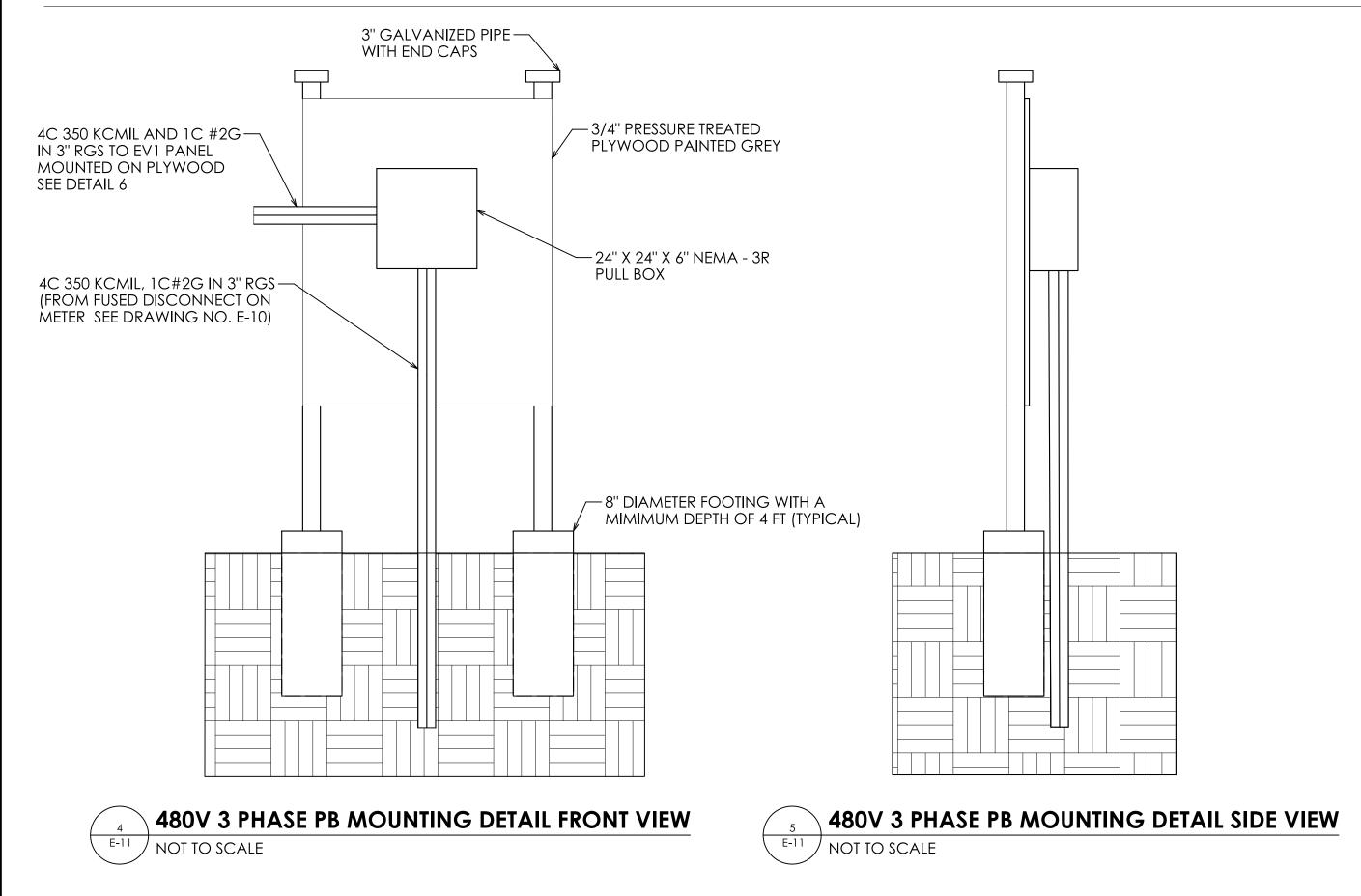


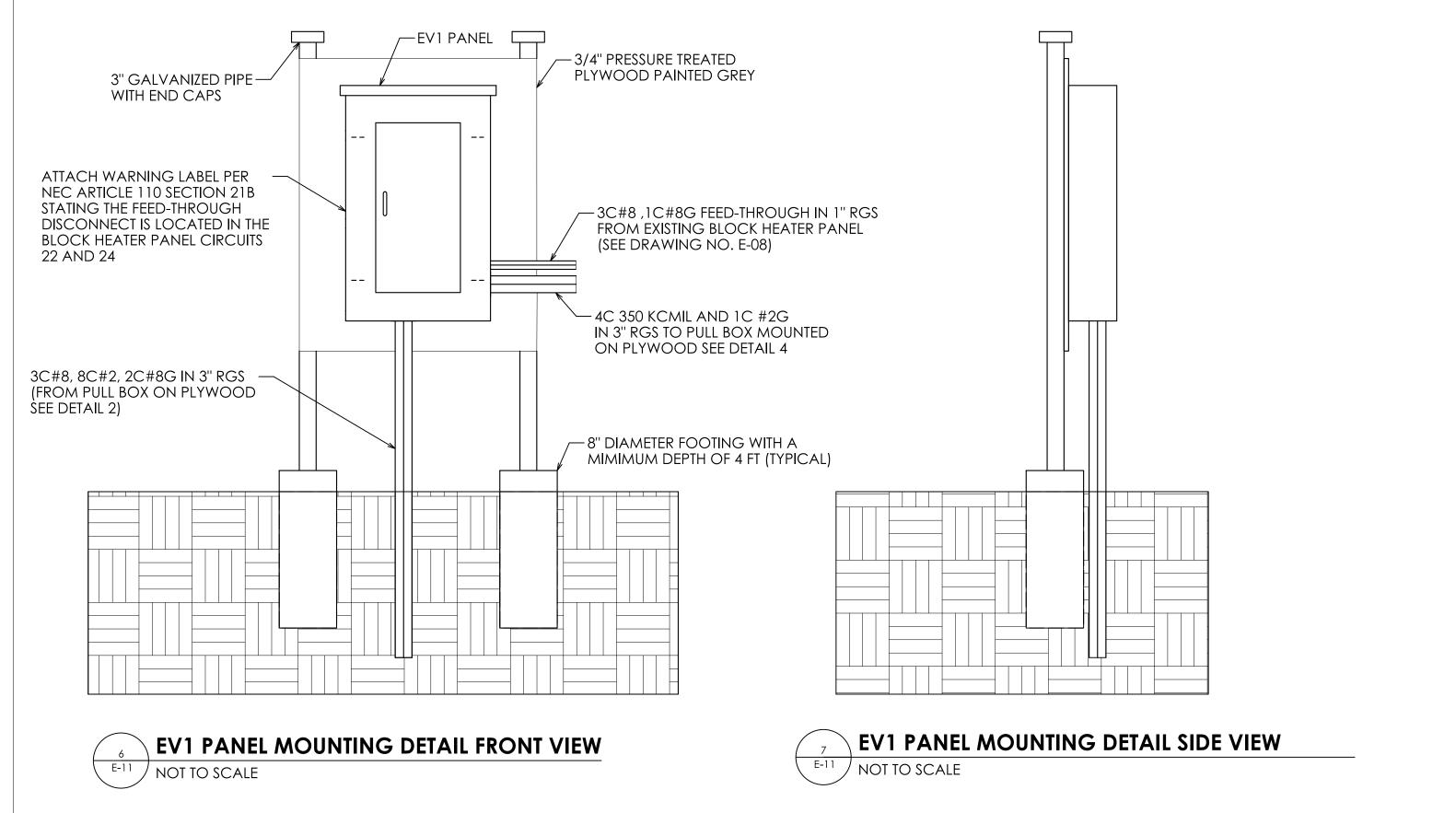
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DESIGNER/DRAFTER: J. TROUT CHECKED BY: J. SHAO LASTED SAVED BY: jtrout FILE NAME: \\vhb.com\gbl\proj\Wethersfield\43249.01 PT Support-TO1\cad\A-prjdwg\00.10 EV INSTALLATION DETAILS SHEET 1 OF 2.dgn PLOTTED DATE: 8/1/2024









SIGNATURE/ BLOCK:

100 Great Meadow Road Suite 200 F: 860.372.4570

STATE OF CONNECTICUT **DEPARTMENT** TRANSPORTATION

PROJECT NUMBER: 0474-0095 PROJECT DESCRIPTION: WRTD 2 BEB - ELECTRICAL TOWN(S): MANSFIELD DRAWING TITLE: EV INSTALLATION DETAILS SHEET 2 OF 2

E-11 SHEET NO.

13

DESIGNER/DRAFTER: J. TROUT CHECKED BY: J. SHAO