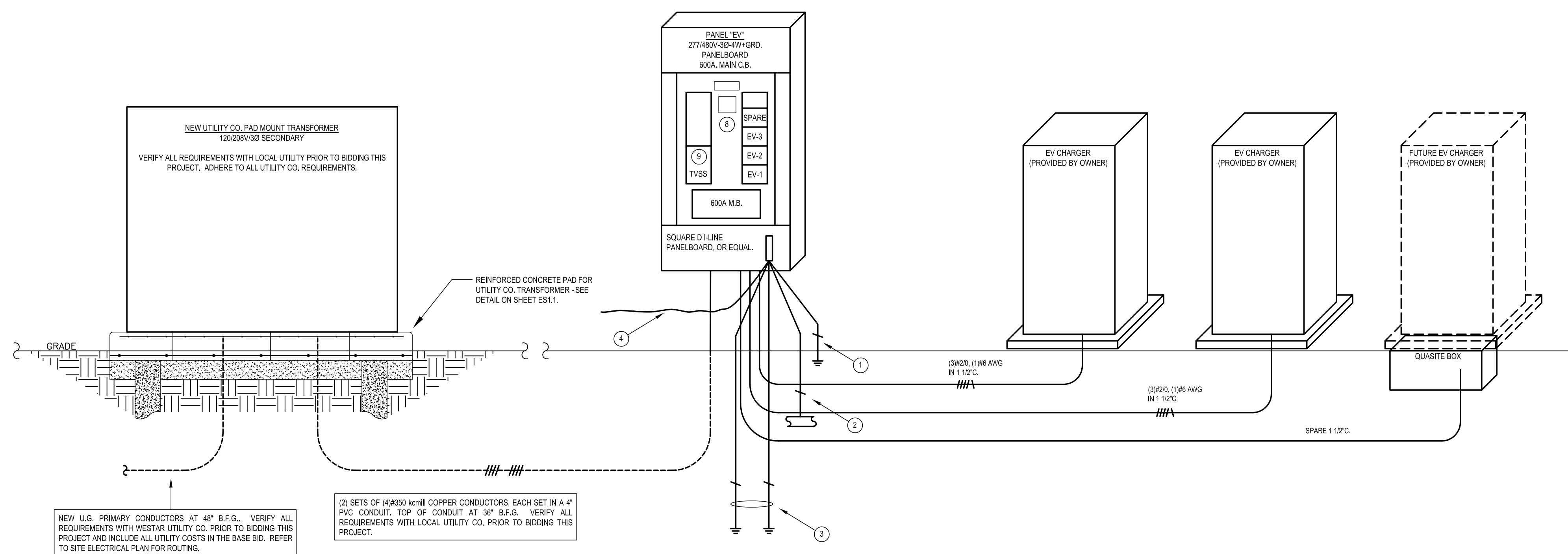
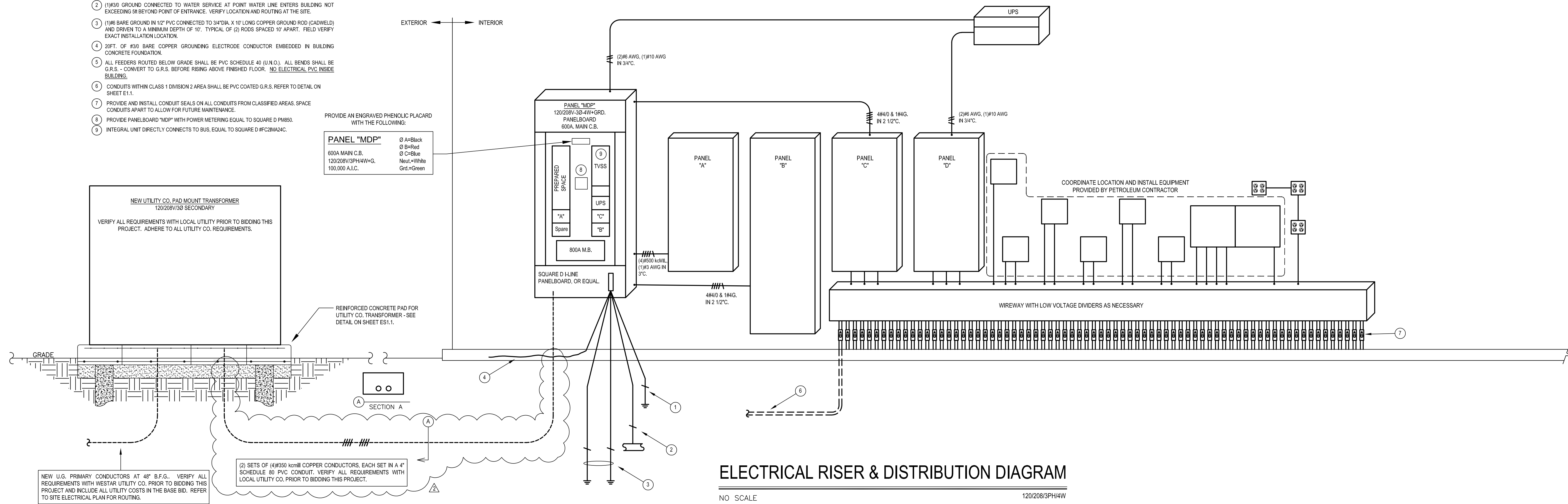


### RISER DIAGRAM NOTES

- 1 (1) #30 INSULATED COPPER GROUNDING ELECTRODE CONDUCTOR CONNECTED (CAWELDED) TO BUILDING STEEL.
- 2 (1) #30 GROUND CONNECTED TO WATER SERVICE AT POINT WATER LINE ENTERS BUILDING NOT EXCEEDING 30 FEET BEYOND POINT OF ENTRANCE. VERIFY LOCATION AND ROUTING AT THE SITE.
- 3 (1) #6 BARE GROUND IN 1/2" PVC CONNECTED TO 3/4" DIA. X 10' LONG COPPER GROUND ROD (CAWELDED) AND DRIVEN TO A MINIMUM DEPTH OF 10'. TYPICAL OF (2) RODS SPACED 10' APART. FIELD VERIFY EXACT INSTALLATION LOCATION.
- 4 20 FT. OF #30 BARE COPPER GROUNDING ELECTRODE CONDUCTOR EMBEDDED IN BUILDING CONCRETE FOUNDATION.
- 5 ALL FEEDERS ROUTED BELOW GRADE SHALL BE PVC SCHEDULE 40 (U/N.D.). ALL BENDS SHALL BE G.R.S. - CONVERT TO G.R.S. BEFORE RISING ABOVE FINISHED FLOOR. NO ELECTRICAL PVC INSIDE BUILDING.
- 6 CONDUITS WITHIN CLASS 1 DIVISION 2 AREA SHALL BE PVC COATED G.R.S. REFER TO DETAIL ON SHEET E1.1.
- 7 PROVIDE AND INSTALL CONDUIT SEALS ON ALL CONDUITS FROM CLASSIFIED AREAS. SPACE CONDUITS APART TO ALLOW FOR FUTURE MAINTENANCE.
- 8 PROVIDE PANELBOARD "MDP" WITH POWER METERING EQUAL TO SQUARE D PMS5L.
- 9 INTEGRAL UNIT DIRECTLY CONNECTS TO BUS, EQUAL TO SQUARE D #C20M24C.

PROVIDE AN ENGRAVED PHENOLIC PLACARD WITH THE FOLLOWING:  
**PANEL "MDP"**  
 600A MAIN C.B.  
 120/208V/3PH/4W/3C  
 100,000 A.I.C.  
 Ø A=Black  
 Ø B=Red  
 Ø C=Blue  
 Nest=White  
 Gnd=Green



**2021**  
 24-7 TRAVEL STORE  
 1415 S. Fossil St.  
 Russell, Kansas 67665

DRAWINGS ISSUED		
NO.	DATE	ITEM ISSUED
9	01/10/22	ADDENDUM 2
8	12/10/21	BID SET
7	11/10/21	REVISIONS
6	9/10/21	CONSTRUCTION SET
5	8/20/21	FINAL REVIEW
4	8/06/21	CHECK SET
3	7/16/21	COORDINATION SET
2	6/17/21	CHECK SET
1	4/27/21	START DATE

COMPUTER DRAWING

DATE: DECEMBER 2021  
 DRAWN BY: CW  
 CHECKED BY: SM

SHEET

**E1.3**

OF SHEETS