RISER DIAGRAM NOTES

- (1)#3/0 INSULATED COPPER GROUNDING ELECTRODE CONDUCTOR CONNECTED (CADWELD) TO BUILDING STEEL.
- (1)#3/0 GROUND CONNECTED TO WATER SERVICE AT POINT WATER LINE ENTERS BUILDING NOT EXCEEDING 5ft BEYOND POINT OF ENTRANCE. VERIFY LOCATION AND ROUTING AT THE SITE. (1)#6 BARE GROUND IN 1/2" PVC CONNECTED TO 3/4"DIA. X 10' LONG COPPER GROUND ROD (CADWELD) AND DRIVEN TO A MINIMUM DEPTH OF 10'. TYPICAL OF (2) RODS SPACED 10' APART. FIELD VERIFY EXACT INSTALLATION LOCATION.

EXTERIOR INTERIOR

- 4) 20FT. OF #3/0 BARE COPPER GROUNDING ELECTRODE CONDUCTOR EMBEDDED IN BUILDING CONCRETE FOUNDATION.
- ALL FEEDERS ROUTED BELOW GRADE SHALL BE PVC SCHEDULE 40 (U.N.O.). 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.

NEW UTILITY CO. PAD MOUNT TRANSFORMER 120/208V/3Ø SECONDARY

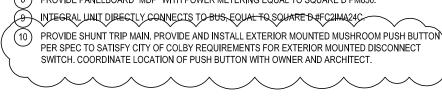
VERIFY ALL REQUIREMENTS WITH LOCAL UTILITY PRIOR TO BIDDING THIS PROJECT. ADHERE TO ALL UTILITY CO. REQUIREMENTS.

NEW U.G. PRIMARY CONDUCTORS AT 48" B.F.G.. VERIFY ALL

TO SITE ELECTRICAL PLAN FOR ROUTING.

REQUIREMENTS WITH WESTAR UTILITY CO. PRIOR TO BIDDING THIS \ PROJECT AND INCLUDE ALL UTILITY COSTS IN THE BASE BID. REFER

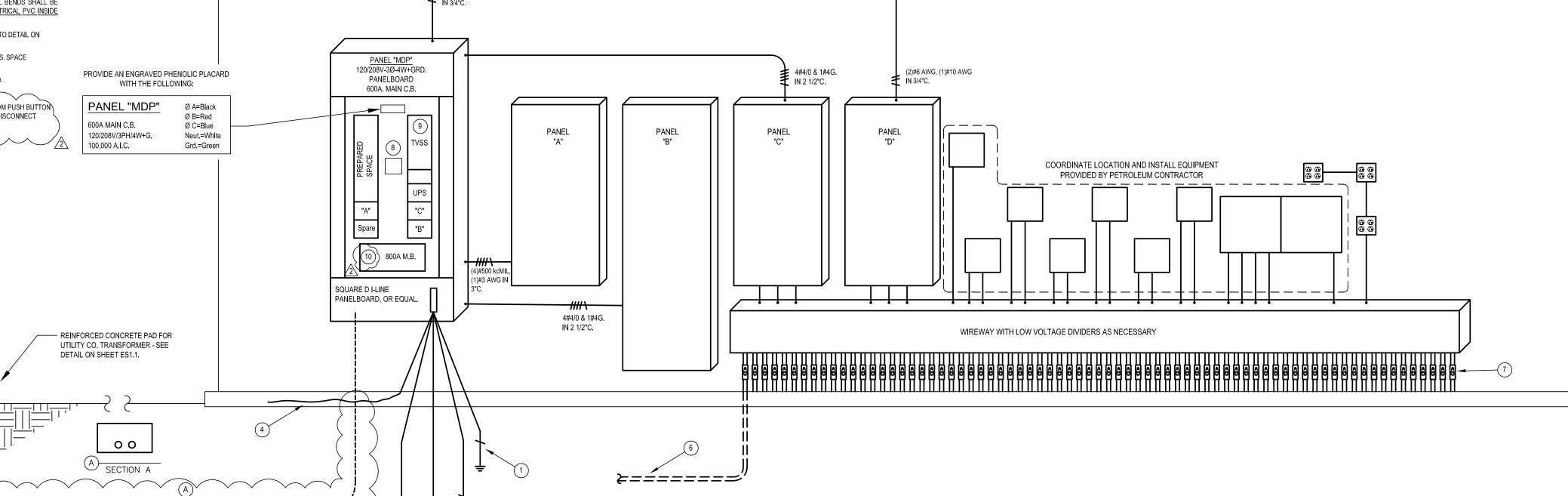
- 8) PROVIDE PANELBOARD "MDP" WITH POWER METERING EQUAL TO SQUARE D PM850.



(2) SETS OF (4)#350 kcmill COPPER CONDUCTORS, EACH SET IN A 4"

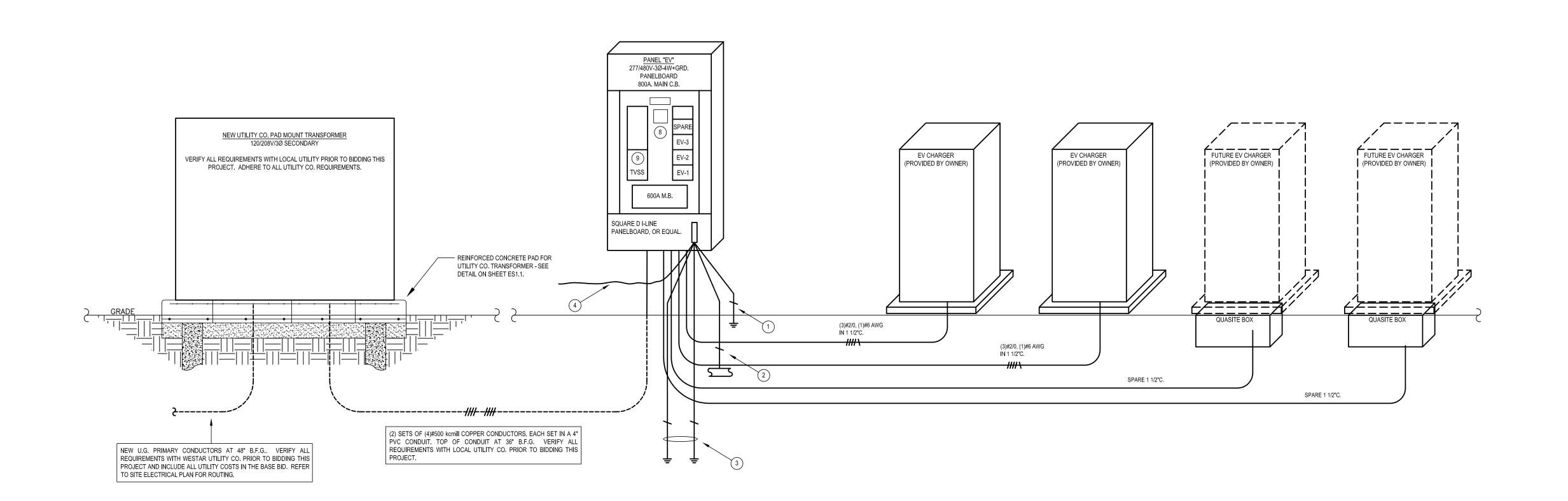
LOCAL UTILITY CO. PRIOR TO BIDDING THIS PROJECT.

SCHEDULE 80 PVC CONDUIT. VERIFY ALL REQUIREMENTS WITH



ELECTRICAL RISER & DISTRIBUTION DIAGRAM

120/208/3PH/4W



(2)#6 AWG, (1)#10 AWG

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NO SCALE





HANNEY & ASSOCIATES, ARCHITECTS 1726 South Hillside, Wichita, Kansas, 67211 Phone (316) 683—8965 Fax (316) 684-1441



	DRAWI	NGS ISSUED
NO.	DATE	ITEM ISSUED
7	01/10/22	ADDENDUM 2
6	12/10/21	BID SET
5	11/05/21	FINAL PROGRESS SE
4	10/06/21	PROGRESS SET
3	9/17/21	PROGRESS SET
2	6/17/21	PROGRESS SET
1	10/14/21	CHECK SET

COMPUTER DRAWING

SHEET

DATE: DECEMBER 2021 DRAWN BY: CHECKED BY

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SHEETS