All Bidders
June 10, 2026

June 10, 2026 **2025-CRW-1028**

To: All Bidders of Record

Re: Addendum No. Two (2)
Electric Charging Stations
West Virginia International Yeager Airport (CRW)

Dear Bidders:

This Addendum is hereby made part of the Contract Documents for the above reference project. All other requirements of the original documents shall remain in effect in their respective order.

We wanted to provide a few clarifications based on some initial feedback from Addendum No. 1.

Bid Opening – The Bid Opening will take place at **2:30pm.**

Clarification – The Pre-Bid Meeting Minutes, Pre-Bid Agenda and Pre-Bid Presentation – Where any information contained in those documents conflicts with this addendum, the revised contract documents, Addendum Narrative or the revised drawings/specifications issued herein, this addendum shall govern.

Ductbank – The layout has been revised and will tie into existing primaries on either side of the roadway. AEP will install all cable and make all connections between the primary, transformer and the meter. The contractor will need to install the ductbank from the primary to the transformer pad and then from the transformer pad to the meter.

Items from Addendum No. 1

- Sheet GI002 – From the Estimated Quantities Summary Table (For Information Only), please delete L-115 (3x3x3 Handhole) from the table.
- Sheet GI002 – From the Estimated Quantities Summary Table (For Information Only), in the line for Spec X-2 change (Water) to (Electrical)

AEP Requirements – Attachment No.1 contains the AEP standard details for the transformer pad and the CT Cabinet.

LIST OF ATTACHMENTS

1. AEP Requirements for the Transformer Pad and CT Cabinet (3 Pages)

– END OF ADDENDUM NO. TWO (2) –

All Bidders
June 10, 2026

If you should have any questions regarding this matter, please do not hesitate to contact our office.

Sincerely,

Rebecca McDonald, PE
Project Engineer

RM

Cc: West Virginia International Yeager Airport (CRW)

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ATTACHMENT NO. 1

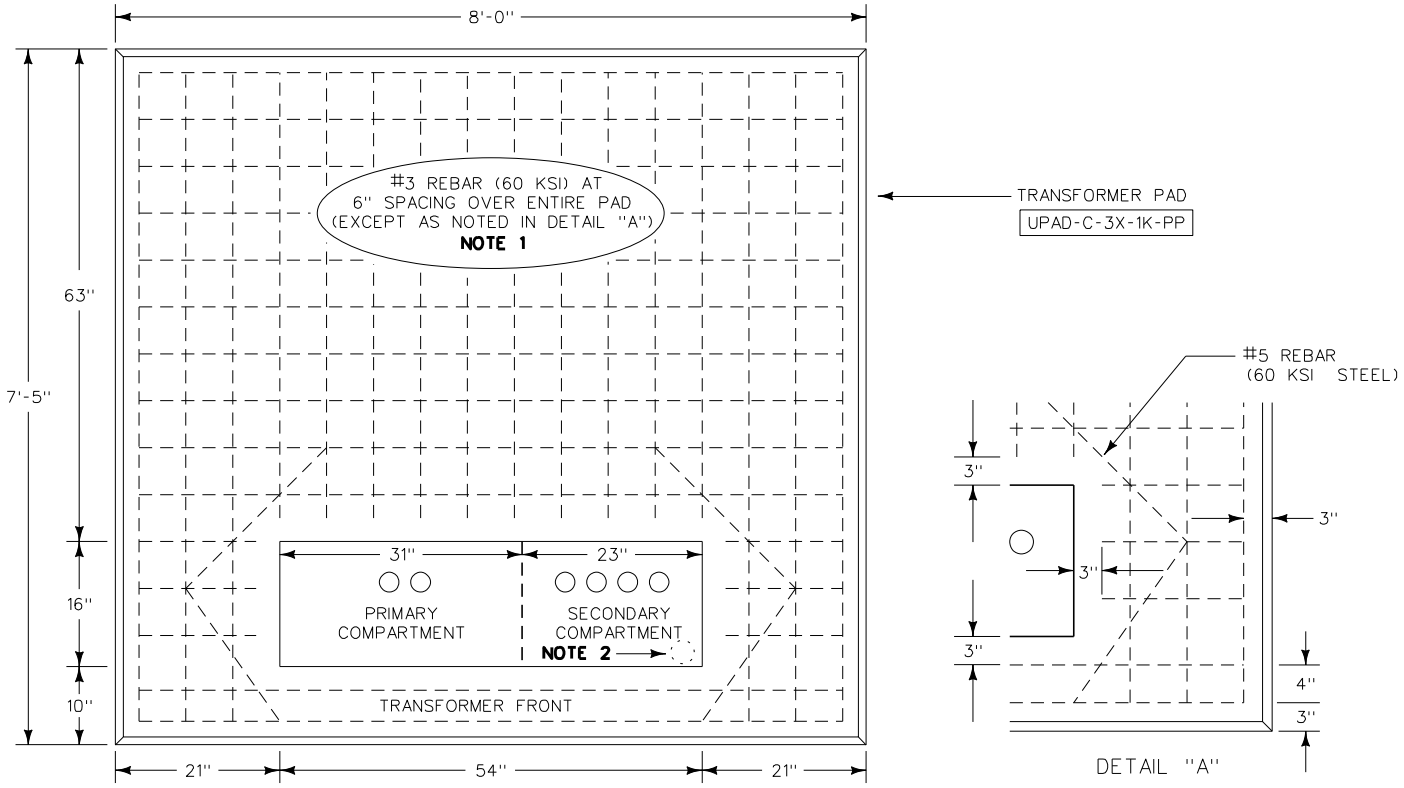


FIGURE 1
TOP VIEW

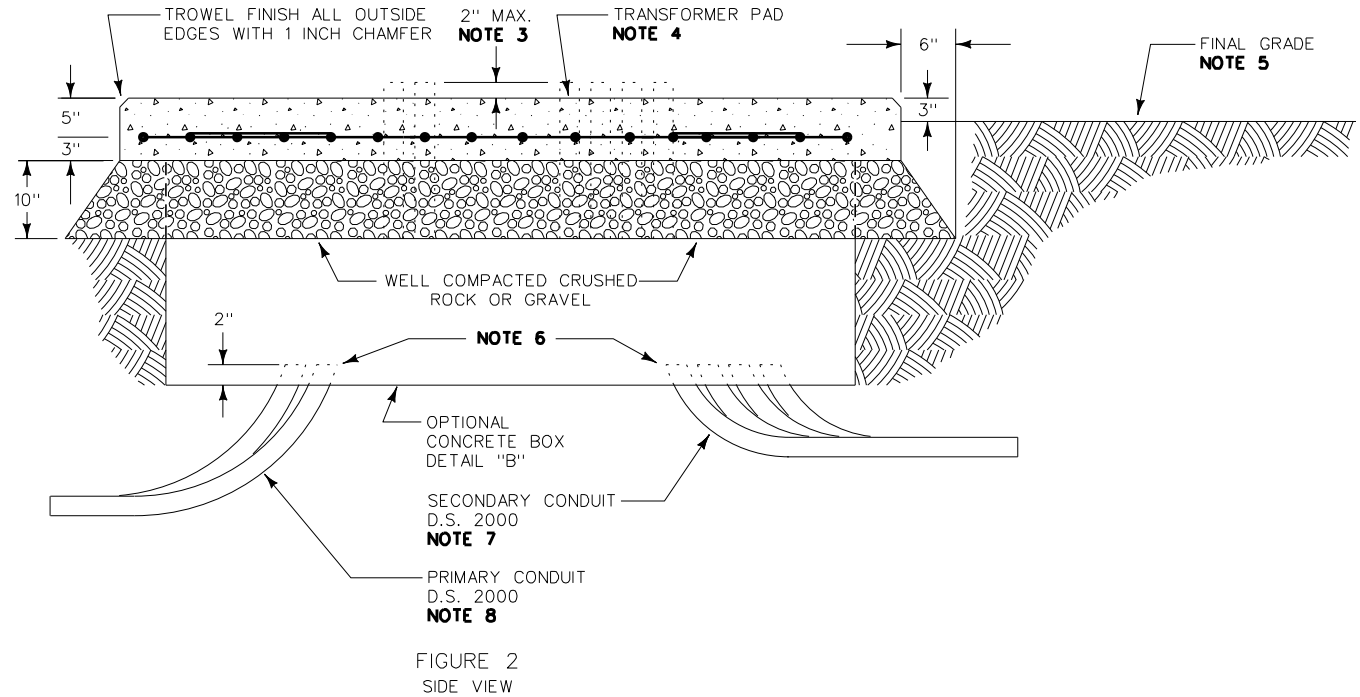
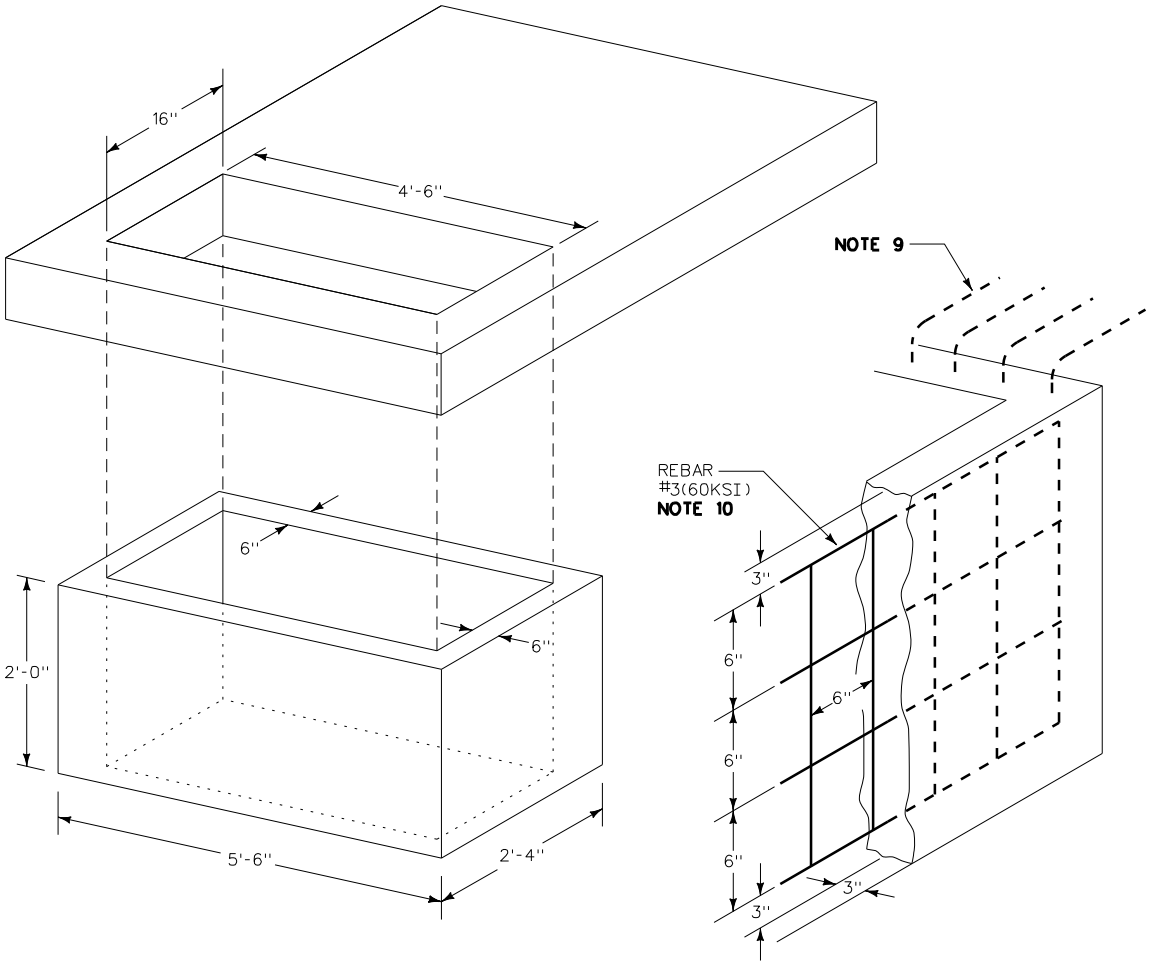


FIGURE 2
SIDE VIEW

CONCRETE PAD FOR THREE PHASE PAD-MOUNT TRANSFORMERS

112.5 kVA - 1000 kVA, 120/208 VOLT
112.5 kVA - 750 kVA, 277/480 VOLT
25 kV AND BELOW

DECEMBER 15, 2022



DETAIL "B"
CONCRETE BOX INSTALLATION

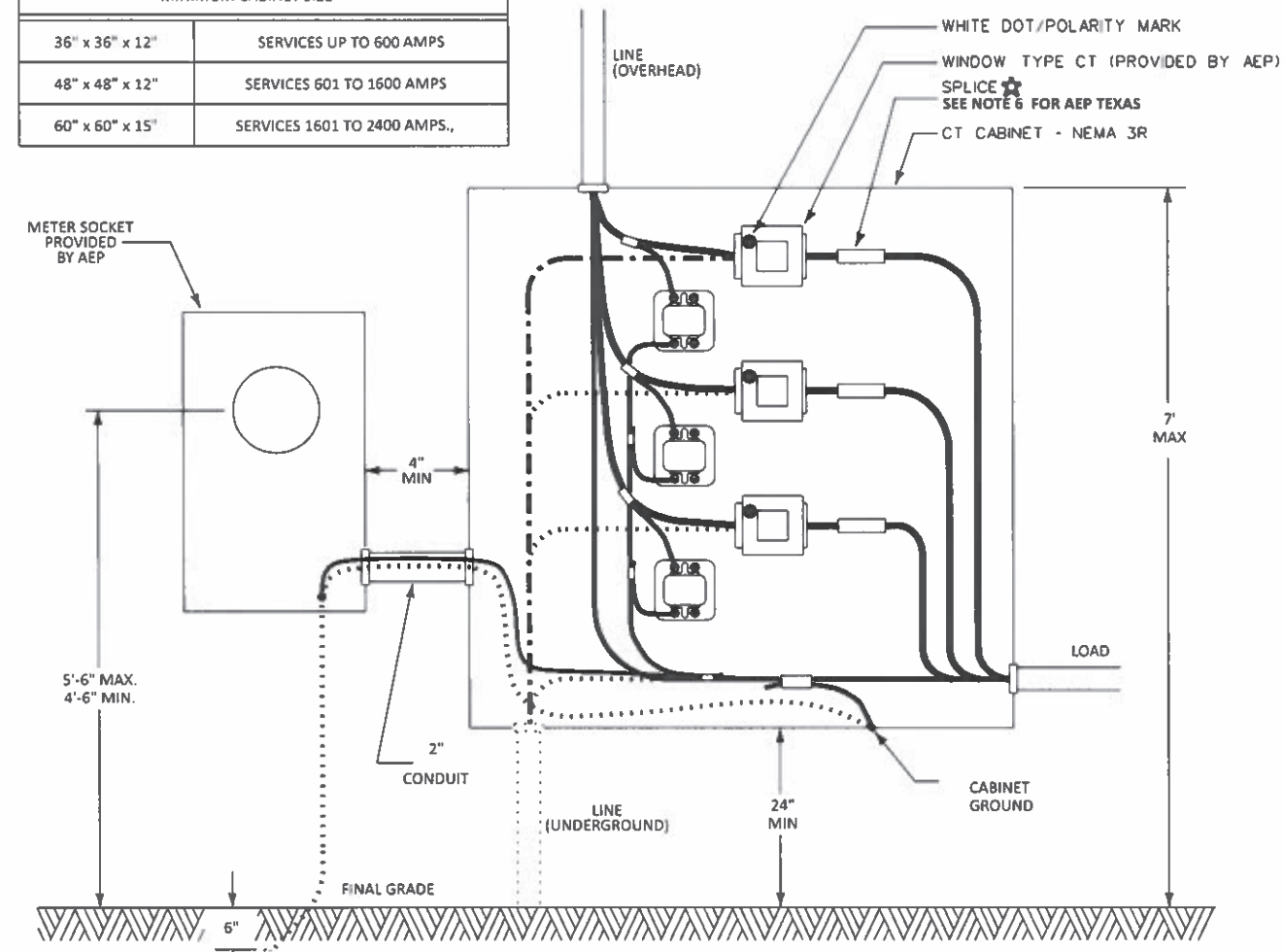
NOTES:

1. PROVIDE 3,500 PSI CONCRETE WITH A 3 INCH NOMINAL COVER OVER ALL REBAR. WIRE MESH WITH A MINIMUM CROSS SECTIONAL AREA OF 0.176 SQUARE INCHES PER FOOT OF PAD WIDTH MAY BE USED IN PLACE OF REBAR.
2. FOR GUIDELINES ON THE INSTALLATION OF AN INSTRUMENT TRANSFORMER REFER TO THE METER AND SERVICE GUIDE.
3. IF ONLY THE CONCRETE PAD IS BEING USED, CONDUIT SHALL EXTEND AT LEAST 1 INCH ABOVE CONCRETE PAD BUT NO MORE THAN 2 INCHES.
4. FINAL PAD INSTALLATION SHALL BE LEVEL AS MEASURED BY CARPENTER'S LEVEL FOR ALL DIRECTIONS.
5. FINAL GRADE SHALL BE ESTABLISHED BEFORE INSTALLATION OF PAD.
6. IN ORDER TO ACHIEVE CABLE FLEXIBILITY CONDUIT EXTENDING INTO CONCRETE BOX IS TO BE CUT AS SHOWN.
7. THE NUMBER AND PLACEMENT OF SECONDARY/METERING CONDUITS AND SIZE OF SERVICE CABLES TO BE DETERMINED BY CUSTOMER'S ENGINEER AND LOCAL POWER COMPANY. SECONDARY CONDUIT MAY EXTEND IN ANY DIRECTION AS REQUIRED BY THE CUSTOMER.
8. PRIMARY CONDUIT NUMBER, SIZE, LOCATION AND DIRECTION TO BE SPECIFIED BY LOCAL POWER COMPANY. CONDUIT CAN BE FLEXIBLE, TYPE EB OR DB PVC CONDUIT WITH 90 DEGREE, 36 INCH RADIUS BENDS TO AVOID DISTURBING THE GROUND UNDER THE REAR OF THE PAD AND TO MINIMIZE SETTLING, BRING CONDUITS TO THE FRONT OR SIDES WHENEVER POSSIBLE AND MARK THE CONDUIT END LOCATIONS.
9. IF CUSTOMER WISHES TO CONNECT BOX TO TRANSFORMER PAD EXTEND REBAR ON REAR OF BOX AS SHOWN. REBAR CAN BE ATTACHED TO TRANSFORMER PAD REBAR.
10. REBAR TO BE SPACED AS SHOWN AND USED ON ALL FOUR SIDES OF BOX.

CONCRETE PAD FOR THREE PHASE PAD-MOUNT TRANSFORMERS

112.5 kVA - 1000 kVA, 120/208 VOLT
112.5 kVA - 750 kVA, 277/480 VOLT
25 kV AND BELOW

MINIMUM CABINET SIZE	
36" x 36" x 12"	SERVICES UP TO 600 AMPS
48" x 48" x 12"	SERVICES 601 TO 1600 AMPS
60" x 60" x 15"	SERVICES 1601 TO 2400 AMPS.,



NOTES:

1. CT CABINET, FURNISHED AND INSTALLED BY CUSTOMER, SHALL BE OF SUBSTANTIAL STRENGTH WITH CORROSION PROTECTION, SUCH AS PAINTED GALVANIZED STEEL NEMA 3R. ALUMINUM OR FIBER REINFORCED POLYESTER ENCLOSURES MUST BE USED IN CORROSIVE AREAS. IT SHALL BE FITTED WITH HINGED DOORS(s) AND SHALL HAVE PROVISIONS FOR INSTALLING AN COMPANY PADLOCK AND SEAL THE INSIDE BACK OF THE CABINET SHALL BE ENTIRELY COVERED BY 3/4" TREATED PLYWOOD FOR MOUNTING THE CURRENT TRANSFORMERS OR (AEP TEXAS) SUITABLE MOUNTING BRACKETS MAY BE PROVIDED. A GROUNDING LUG SHALL BE PROVIDED TO GROUND THE CABINET.
2. THE WHITE DOT POLARITY MARK ON THE CT SHALL BE TOWARD THE ENERGY SOURCE OR LINE SIDE.
3. CUSTOMER SHOULD MOUNT THE METER SOCKET OR CABINET NEXT TO THE CT CABINET AND INSTALL 2" CONDUIT BETWEEN THE TWO. IF THE METER SOCKET CANNOT BE INSTALLED NEXT TO THE CT CABINET, IT MAY BE LOCATED UP TO 20 FEET AWAY WITH COMPANY METER SERVICES APPROVAL. 2" CONDUIT SHALL CONNECT THE SOCKET AND CT CABINET.
4. THE CT CABINET AND METER SOCKET SHALL BE GROUNDED. THE METER SOCKET AND CT CABINET SHALL BE BONDED THROUGH A SEPARATE EQUIPMENT-GROUNDING CONDUCTOR CONNECTED TO THE GROUNDED SERVICE CONDUCTOR (USUALLY THE NEUTRAL). IF A GROUNDED SERVICE CONDUCTOR DOES NOT EXIST THEN GROUNDING AND BONDING OF METERING EQUIPMENT MUST BE ESTABLISHED THROUGH A GROUNDING ELECTRODE SYSTEM ESTABLISHED AT THE POINT OF SERVICE. IN SOME JURISDICTIONS THE GROUNDING OF THE METER SOCKET AND INSTRUMENT TRANSFORMER ENCLOSURE WILL BE SUPPLEMENTED WITH THE USE OF A DRIVEN GROUND ROD IN ADDITION TO BONDING TO THE GROUNDED SERVICE CONDUCTOR.
5. COMPANY WILL INSTALL THE SECONDARY WIRING BETWEEN THE CT AND THE METER SOCKET.
6. THE CONDUCTOR SPLICE SHALL BE MADE WITH BOLTED CONNECTIONS FURNISHED AND INSTALLED BY CUSTOMER WHERE REQUIRED. **IN AEP TEXAS WHEN THE CUSTOMER OWNS AND INSTALLS BOTH THE LINE AND LOAD CONDUCTORS, THE CONDUCTOR SHALL PASS THROUGH THE CT'S CABINET WITHOUT SPLICES.**
7. FOR CT CABINET CLEARANCES REFERENCE FIGURE 20A
8. FOR CT CABINET CLEARANCES ON CATWALK INSTALLATIONS REFERCE FIGURE 21A

SPLICE IS REQUIRED IN AEP: KENTUCY, OHIO, OKLAHOMA.

CURRENT TRANSFORMER CABINETS OVERHEAD OR UNDERGROUND SERVICE WINDOW TYPE CT'S AND VT'S 277/480 VOLT

FIGURE 11

JULY 09 2020