

ADDENDUM NO. 1

TO: PLANS AND SPECIFICATIONS FOR STATE OF MISSOURI

**Electrical Service Replacement Benton Hall
Nevada Habilitation Center
Nevada, Missouri 64772
PROJECT NO.: M2114-01**

Bid Opening Date: 1:30 PM, November 1, 2022 (Not Changed)

Bidders are hereby informed that the construction Plans and/or Specifications are modified as follows:

SPECIFICATION CHANGES:

None

DRAWING CHANGES:

1. Drawing **E-201**, issue sheet in its entirety.
 - a. REPLACE Key Note 6.
 - b. ADDED Key Note 18.
 - c. Revised "ELECTRICAL ONE-LINE DIAGRAM – DEMOLITION".
 - d. Revised "ELECTRICAL ONE-LINE DIAGRAM – NEW WORK".
 - e. Revised "MAIN SERVICE ENTRANCE GROUNDING DETAIL".

GENERAL COMMENTS:

1. The Pre-Bid Meeting was held October 18th, 2022 followed by a walk-through of the project site. The Pre-Bid Meeting sign-in sheet is attached.
2. **Please contact Mandy Roberson, Contract Specialist, at 573-522-0074 or mandy.roberson@oa.mo.gov for questions about bidding procedures and MBE/WBE/SDVE goals and submittal requirements.**
3. All bids shall be submitted on the bid forms without additional terms and conditions, modifications, or stipulations. Each space on the bid forms shall be properly filled. Failure to do so will result in rejection of the bid.
4. MBE/WBE/SDVE participation requirements can be found in DIVISION 00. The MBE/WBE/SDVE participation goals are 10%/10%/3%, respectively. All MBE, WBE, and MBE/WBE contractors, subcontractors, and suppliers must be certified by the State of Missouri, Office of Equal Opportunity. No other certifications from other Missouri certifying agencies will be accepted. If a bidder is unable to meet a participation goal, a Good Faith Effort Determination Form must be completed. Failure to complete this process will result in rejection of the bid.

5. Changes to, or clarification of, the bid documents are only made as issued in the addenda.
6. All correspondence with respect to this project must include the State of Missouri project number as indicated above.
7. Prospective Bidders contact American Document Solutions, 1400 Forum Blvd Suite 7A, Columbia MO 65203, 573-446-7768 to order official plans and specifications.

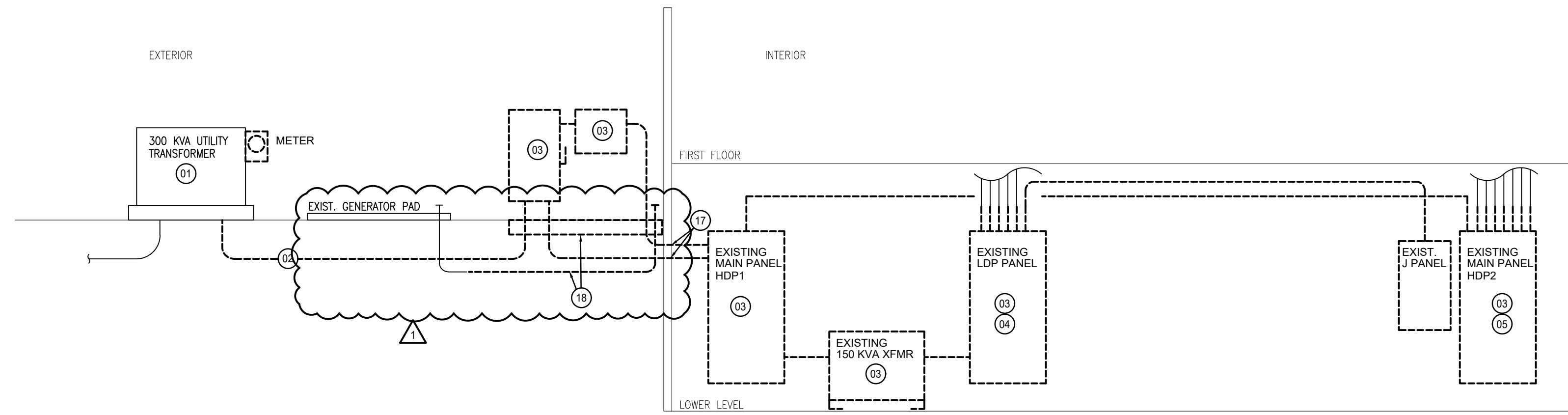
ATTACHMENTS:

Sign-in Sheet – Pre-bid meeting 10/18/2022.

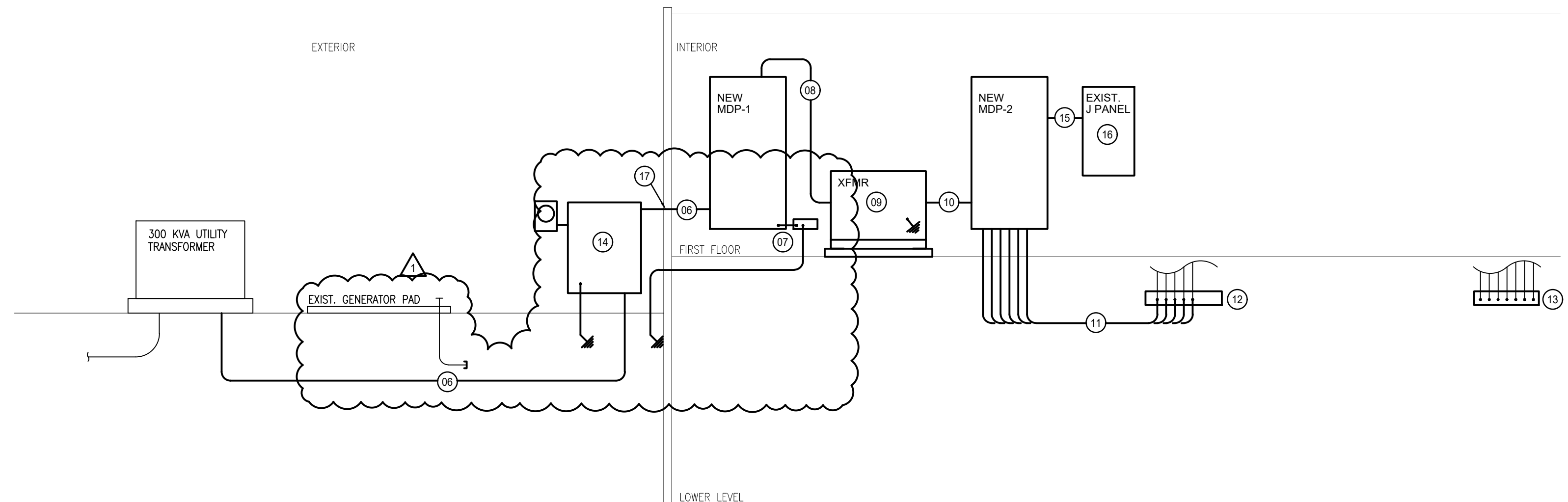
END OF ADDENDUM NO. 1

Pre-Bid Meeting Attendance Sheet
Electrical Service Replacement Benton Hall
Nevada Habilitation Center
Project No. M2114-01
10/18/2022 10:00 AM

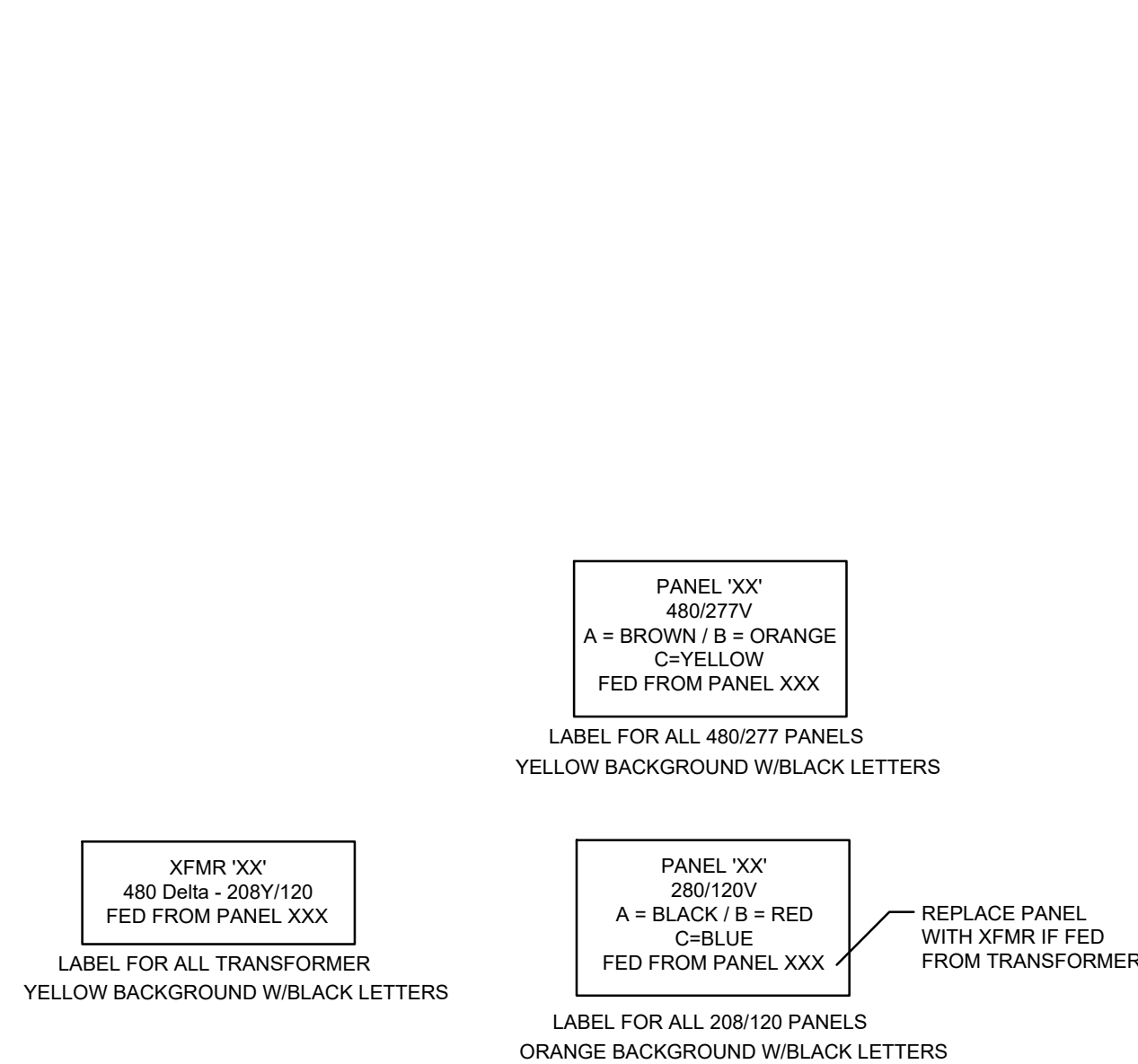
Name & Title	Company Name Type of Contracting	MBE/WBE/ SDVE Status	Phone	E-Mail Address
Shannon Thompson Project Manager	OA/FMDC		573-526-3166	Shannon.thompson@oa.mo.gov
Rex Loftis Maintenance Supervisor	OA-FMDC		417-316-0575	Rex.Loftis@oa.mo.gov
Brett Wheeler	North Kansas City Electric		816-365-7960	bwheeler@nkce.com
Brandon Dorge	OA-FMDC		513-469-8825	Brandon.Dorge@OA.mo.gov
Frank Cunningham	OA-FMDC		573-395-6216	frank.cunningham@oa.mo.gov
Brian Roy	Larkland Federal		816-221-1411	Brian@larklandfederal.com



ELECTRICAL ONE-LINE DIAGRAM - DEMOLITION
NO SCALE

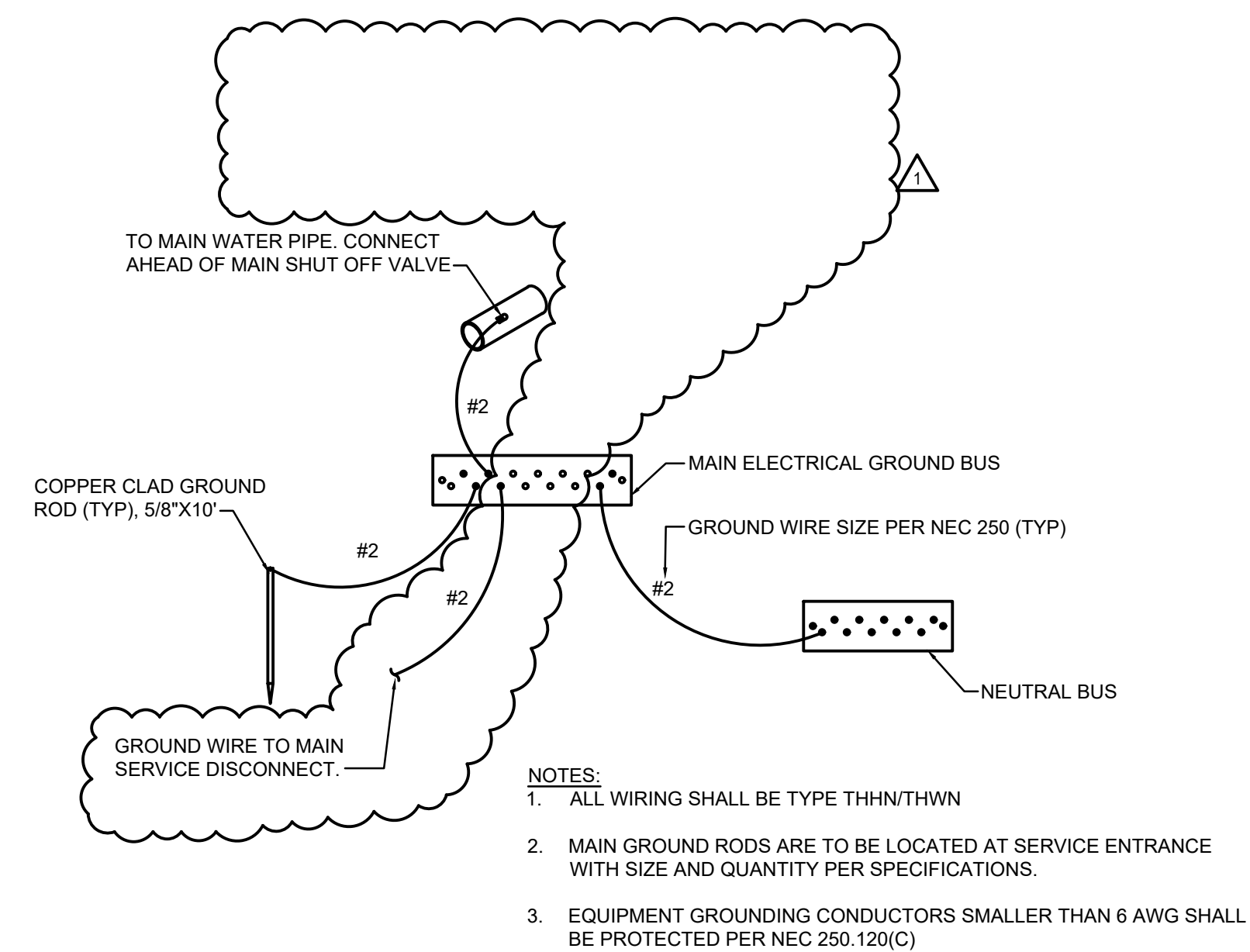


ELECTRICAL ONE-LINE DIAGRAM - NEW WORK
NO SCALE



RE: REFERENCE SPECIFICATION FOR ADDITIONAL INFORMATION.

TYPICAL EQUIPMENT LABEL DETAILS
NO SCALE



MAIN SERVICE ENTRANCE GROUNDING DETAIL
NO SCALE

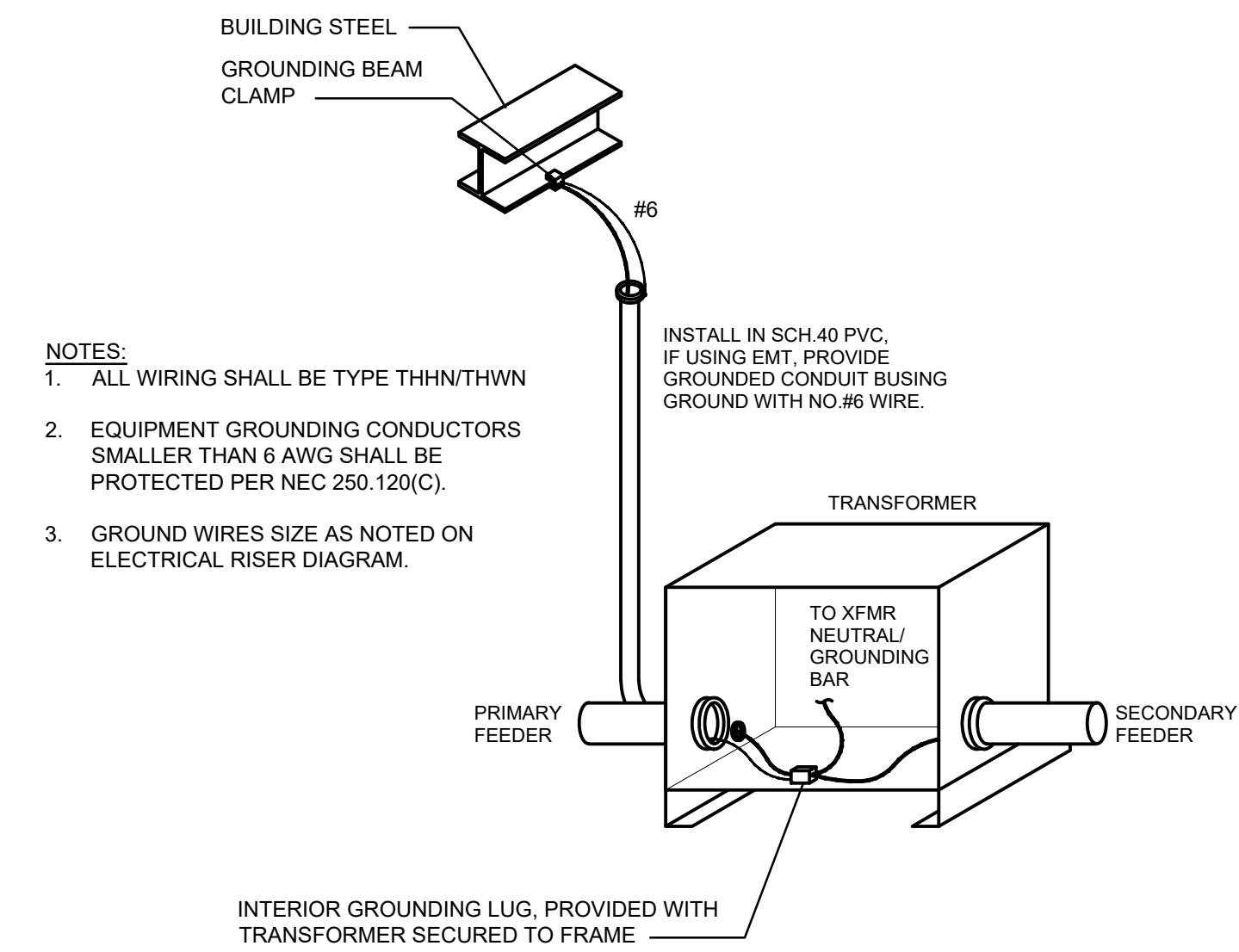
⊗ RISER PLAN NOTES

- COORDINATE WITH EVERY, TO DISCONNECT POWER AT TRANSFORMER AND REMOVE METER.
- REMOVE EXISTING SECONDARY CONDUIT AND WIRING.
- HEAVY DASHED LINES: DISCONNECT AND REMOVE EXISTING DISCONNECT SWITCH, BOXES, CONDUIT, WIRING, SUPPORT, TRANSFORMERS, ETC... AS INDICATED.
- AT THIS PANEL, DISCONNECT AND REMOVE CONDUIT AND WIRING AS NECESSARY FOR FUTURE SPLICING. RE: ELECTRICAL ONE-LIN DIAGRAM - NEW WORK FOR ADDITIONAL INFORMATION.
- AT THIS PANEL, DISCONNECT AND REMOVE CONDUIT AND WIRING ABOVE PANEL. RE: ELECTRICAL ONE-LIN DIAGRAM - NEW WORK FOR ADDITIONAL INFORMATION.
- PROVIDE AND INSTALL (3) SETS OF 4-#500 (CU) IN 4" PVC. TRANSITION TO RGS FOR SWEEP FROM BELOW GRADE TO ABOVE GRADE AT C.T. CABINET
- SEE MAIN SERVICE ENTRANCE GROUNDING DETAIL.
- PROVIDE (3) #350 (CU) & 1-#3 (CU) GROUND WIRE.
- PROVIDE AND INSTALL 225 KVA 480-208/120V XFMR ON A 4" HIGH CONCRETE PAD. GROUND TRANSFORMER PER NEC. 250 WITH GREEN INSULATED #3 (CU) GROUND WIRE.
- PROVIDE (2) SETS OF 4-#500 (CU) & 1-#3 (CU) GROUND WIRE IN 3-1/2" C.
- PROVIDE PANEL FEEDER SIZE AS INDICATED:
A. 70A - 80A: 1-1/4" C, 4-#4 (CU) & 1-#6 (CU) GROUND WIRE.
B. 90A - 100A: 1-1/4" C, 4-#3 (CU) & 1-#8 (CU) GROUND WIRE.
C. 125A: 1-1/2" C, 4-#1 (CU) & 1-#6 (CU) GROUND WIRE.
A: 150A: 2" C, 4-#1/0 (CU) & 1-#6 (CU) GROUND WIRE.
- PROVIDE AND INSTALL FROM STRUCTURE ABOVE OR AT STRUCTURE ABOVE, NEMA TYPE 1 ENCLOSURE. TERMINATE EXISTING CONDUITS AT ENCLOSURE. BOX USED FOR SPLICING EXISTING CONDUCTORS TO NEW CONDUCTORS USING INSULATED CABLE CONNECTOR (PROVIDE SIZE PER CABLE TYPE AND NUMBER OF CONDUCTORS). ALL CONDUCTORS SHALL BE LABELED ACCORDING TO ITS SERVICE.
- PROVIDE AND INSTALL FROM STRUCTURE ABOVE OR AT STRUCTURE ABOVE, NEMA TYPE 1 ENCLOSURE. TERMINATE EXISTING CONDUITS AT ENCLOSURE. BOX USED FOR FUTURE SPLICING EXISTING CONDUCTORS. ALL CONDUCTORS SHALL BE LABELED ACCORDING TO ITS SERVICE.
- PROVIDE AND INSTALL METER, C.T. CABINET AND GROUNDING PER EVERY STANDARDS.
- 125A: 1-1/2" C, 4-#1 (CU) & 1-#6 (CU) GROUND WIRE.
- EXISTING EXISTING PANEL J.
- CONTRACTOR TO SEAL OPENINGS WATER-TIGHT.
- REMOVE EXISTING CONCRETE PAD NEXT TO THE BUILDING AND CONDUITS FROM THE BUILDING TO THE GENERATOR PAD NEXT TO A POINT THAT DOES NOT DISTURBS THE INTEGRITY OF THE GENERATOR PAD AND CAP. PROVIDE MARKER STAKES ABOVE GRADE INDICATING CONDUIT TERMINATION BELOW GRADE WITH SIZE.



4-WIRE PORT 3-WIRE PORT

INSULATED MULTI-CABLE SPLICE CONNECTOR
NO SCALE



- NOTES:
- ALL WIRING SHALL BE TYPE THHN/THWN
 - EQUIPMENT GROUNDING CONDUCTORS SMALLER THAN 6 AWG SHALL BE PROTECTED PER NEC 250.120(C).
 - GROUND WIRES SIZE AS NOTED ON ELECTRICAL RISER DIAGRAM.

TRANSFORMER GROUNDING DETAIL
NO SCALE

