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04/01/2024

April 1, 2024

IDEA Public Schools Electrical Switchgear Upgrades at Multiple Campuses CSP#22-ESGU-0424

ADDENDUM NO. 3

A. PURPOSE AND INTENT

This addendum is issued for the purpose of modifying the plans for the project referenced above. This addendum shall become part of the contract and all contractors shall be bound by its content. All aspects of the specifications and drawings not covered herein shall remain the same. The General Conditions and the Special Conditions of the specifications shall govern all parts of the work and apply in full force to this addendum.

B. SCOPE

I. Clarifications

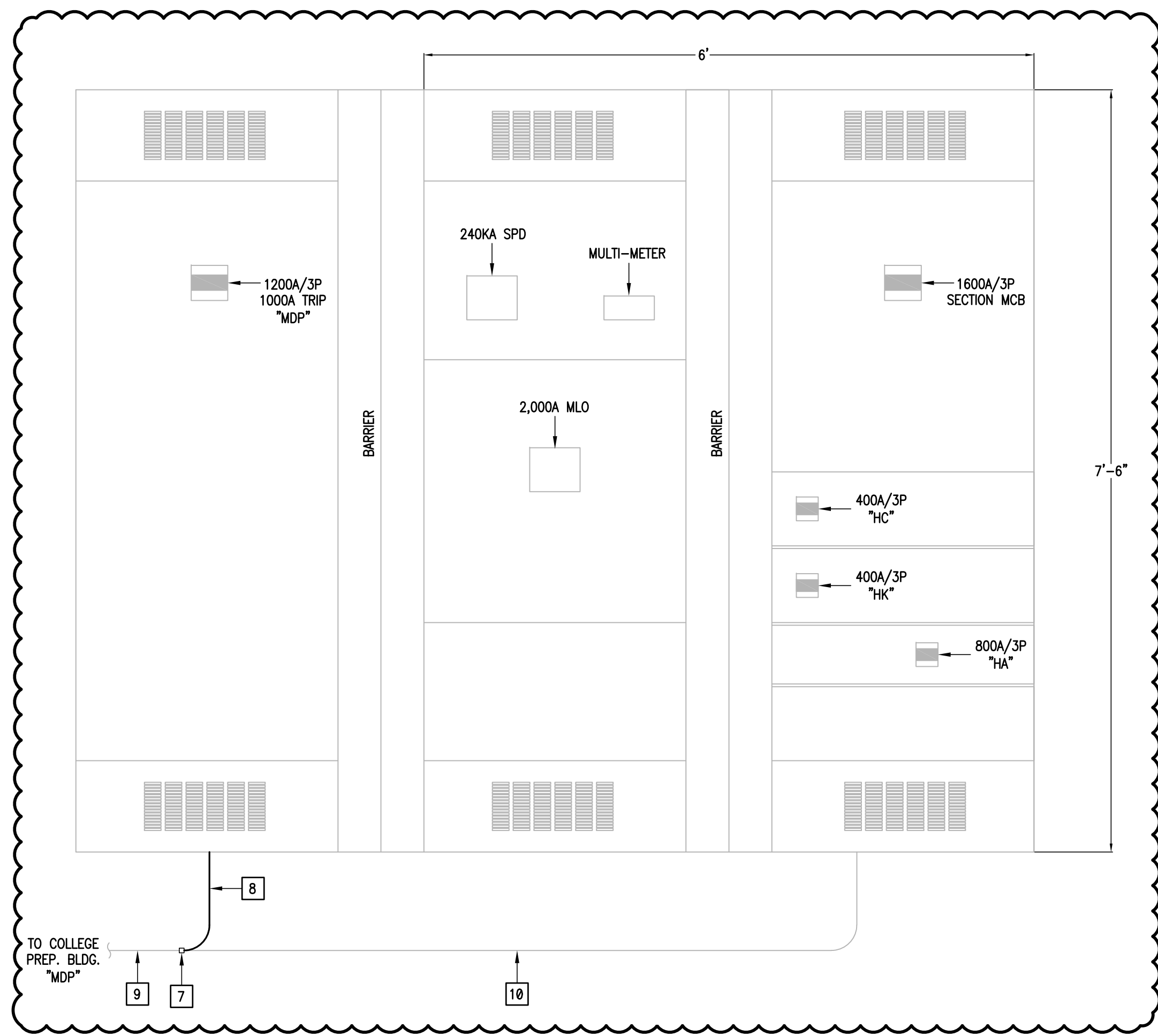
1. Contractor Questions:

- a) For Edinburg locations, plans required the new switchgear to be MLO service entrance. Please confirm if this complies with the 2020 version of the NEC 230.71 (B) and no need for an MCB for these two locations? **Response: For Edinburg campus see revised plans.**

II. Drawings

1. Sheet E2.02:

- a) Revised Plans, Switchboard Elevation and Keyed Notes. See attached sheet.

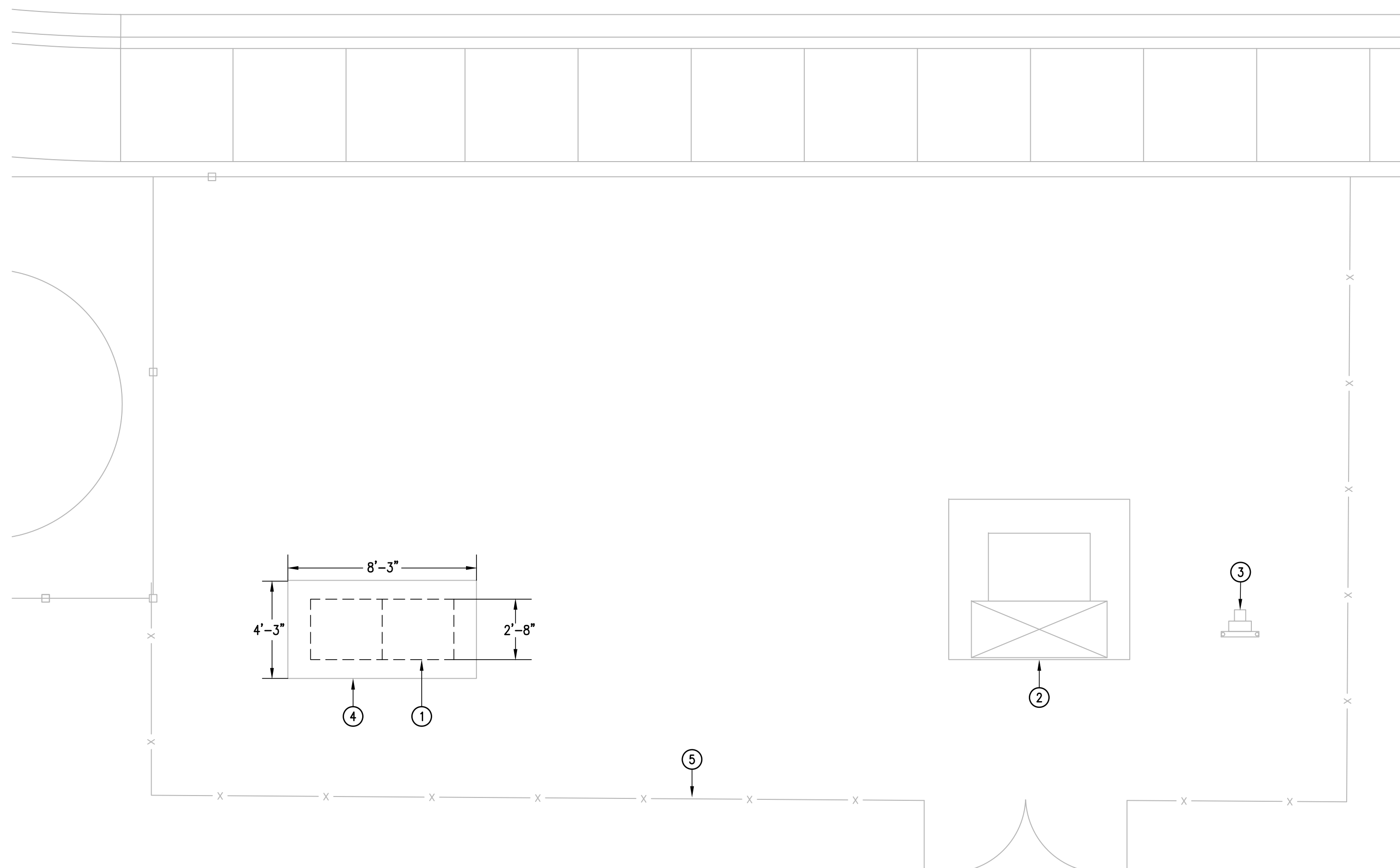


- NOTES:
1. PROVIDE NEMA 3R OUTDOOR ENCLOSURE.
 2. PROVIDE NEW CIRCUIT BREAKER MUST BE AT OR BELOW EXISTING HEIGHT IN ORDER FOR EXISTING FEEDER TO RECONNECT TO NEW CIRCUIT BREAKER. FIELD VERIFY PRIOR TO ORDERED EQUIPMENT. NO CHANGE ORDERS WILL BE ALLOWED FOR FAILURE TO FIELD VERIFY.
 3. PROVIDE INTEGRAL MOUNTED "SPD".
 4. PROVIDE INTEGRAL MOUNTED MULTI-METER.
 5. PROVIDE A MIMIC BUS.
 6. LABEL EACH BREAKER WITH AN ENGRAVED NAMEPLATE.
 7. PROVIDE SWITCHBOARD SERVICE ENTRANCE RATED.
 8. PROVIDE ARC MITIGATION MEASURES FOR CIRCUIT BREAKERS RATED 1200A AND ABOVE TO COMPLY WITH NEC 240.87.
 9. PROVIDE BRANCH CIRCUIT BREAKERS THERMAL MAGNETIC TYPE.
 10. PROVIDE GROUND-FAULT PROTECTION FOR CIRCUIT BREAKERS RATED 1000A AND ABOVE TO COMPLY WITH NEC 230.95.
 11. PROVIDE SWITCHBOARD TO COMPLY WITH 2020 NEC 230.71(B).

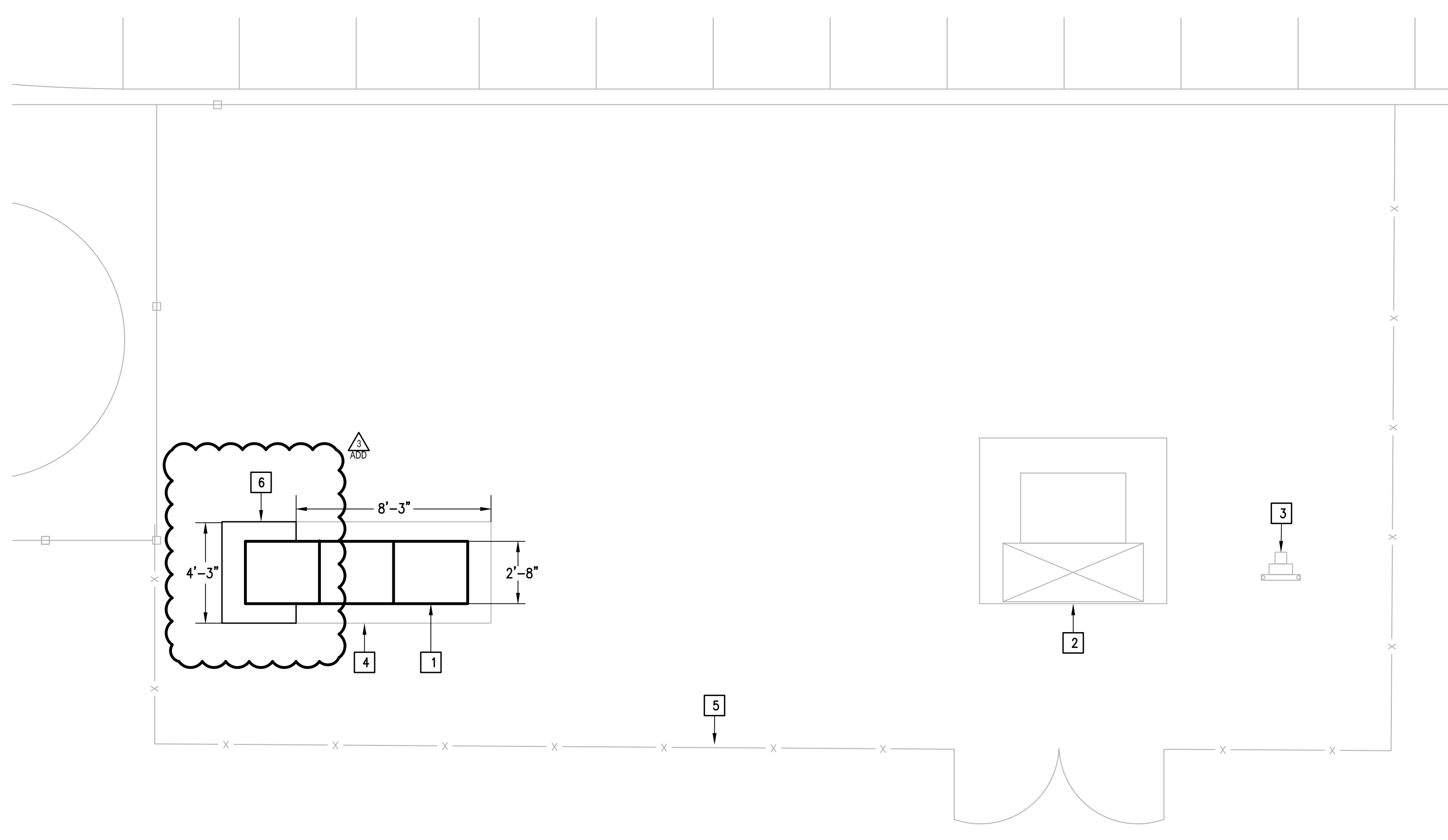
03 NEW SWITCHBOARD ELEVATION
SCALE : NOT TO SCALE



04 IMAGE EXISTING ELECTRICAL SERVICE ENTRANCE
SCALE : NOT TO SCALE



01 DEMOLITION ENLARGED ELECTRICAL PLAN
SCALE : 1/4" = 1'-0"
TRUE NORTH



02 NEW ENLARGED ELECTRICAL PLAN
SCALE : 1/4" = 1'-0"
TRUE NORTH

DEMOLITION GENERAL NOTES:

1. THE EXTENT OF DEMOLITION WORK IS INDICATED ON THE DRAWINGS AND BY THE REQUIREMENTS OF THIS SECTION. A VISIT TO THE SITE IS REQUIRED TO PROPERLY BID THE DEMOLITION WORK.
2. REMOVED MATERIALS SHALL BELONG TO OWNER. DELIVER THEM TO OWNERS DESIGNATED LOCATION. IF OWNER DOES NOT WANT THE REMOVED MATERIALS THEN REMOVE THEM FROM SITE & PROPERLY DISPOSE OF THEM.

DEMOLITION KEYED NOTES:

- 1 DISCONNECT AND REMOVE EXISTING SIEMENS 2000A MCB, 65,000 AIC 480/277V 3ø, 4W SWITCHBOARD NO. 3003170569-020010-01 FOR REPLACEMENT.
- 2 EXISTING UTILITY TRANSFORMER (MVEC) TO REMAIN AS IS.
- 3 EXISTING ELECTRICAL UTILITY METER (MVEC) TO REMAIN AS IS.
- 4 EXISTING CONCRETE PAD TO REMAIN AS IS.
- 5 EXISTING CHAIN LINK FENCE TO REMAIN AS IS.

KEYED NOTES:

- 1 PROVIDE NEW 2000A MLO, 65,000 AIC 480/277V 3ø, 4W SWITCHBOARD. RECONNECT EXISTING BRANCH CIRCUITS AND FEEDERS. SEE NEW SWITCHBOARD ELEVATION.
- 2 EXISTING ELECTRIC UTILITY (MVEC) PAD MOUNT TRANSFORMER.
- 3 EXISTING ELECTRIC UTILITY METER (MVEC).
- 4 EXISTING CONCRETE PAD.
- 5 EXISTING CHAIN LINK FENCE.
- 6 PROVIDE NEW CONCRETE FOUNDATION EXTENSION TO MATCH EXISTING.
- 7 PROVIDE COUPLINGS AND INTERCEPT EXISTING FEEDER RACEWAYS.
- 8 PROVIDE 3-3" RACEWAYS TO REROUTE EXISTING FEEDERS TO NEW SWITCHBOARD SECTIONS.
- 9 EXISTING RACEWAYS TO REMAIN.
- 10 ABANDON THIS PORTION OF EXISTING RACEWAYS IN PLACE.

NO:	REVISION:	BY:
ADD	3/18/2024	ETHOS
ADD	3/28/2024	ETHOS
ADD	4/01/2024	ETHOS

COPY NO:



IDEA PUBLIC SCHOOLS
ELECTRICAL SWITCHGEAR UPGRADES AT MULTIPLE CAMPUSES
 TEXAS



DATE:	MARCH 15, 2024
CHECKED BY:	G.O.
DRAWN BY:	R.E.
PROJECT NO.:	23v75
CAD FILE SHEET:	E2.02

IDEA EDINBURG