



Addendum #3

Project: 20240606 - BL000A Site - Replace Section of 12470V Circuit 104 and 106

Date: December 11, 2025

This Addendum, issued prior to bidding, alters, amends, corrects, or clarifies the Construction Bid Documents to the extent stated herein and does thereby become a part of the Construction Bid Documents, and will become part of the Contract Documents of the successful bidder. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

ITEMS INCLUDED IN THIS ADDENDUM

Item 1 – Questions and Answers

- Q1. Is the 4160 cable itself rated for 15 KV since it's in the same manhole raceways?
A1. Generally, the 4160V cables (most installed in the 1950's and 1960's) are rated 5kV. There are a few instances across campus rated for 15kV but not in these duct banks (11A and 4B).
- Q2. Is 12470V partial one line drawing known to be accurate?
A2. Yes, it is a snip from the most recent version of our overall 12kV switching diagram we use for day-to-day operations of the system.
- Q3. Between M4 and 106 can that support the entire system if 103 is offline and vice versa?
A3. Yes.
- Q4. If 106 feed is offline, can M4 and 103 support the entire system?
A4. See answer to question no. 7.
- Q5. One line drawing and site plans seem to be contradicting each other particularly around the detail of manhole 24 Simon and Myers building. And can you mark the manhole locations on the one line?
A5. Yes, the circuit diagram has been updated and is included in this addendum.
- Q6. What we want to know is can we verify the routes of circuit number 106 from the distribution center to its designation on the one-line drawing verification of which manhole from the distribution center. Each line 106 and 103 passes through to its destination just as opposed to T tapping with other cables of the same circuit in the manhole.
A6. See answer to question no. 7.

- Q7. During the schedule, as long as we can meet the July 31st deadline, can we limit the need for two shifts and weekends reserved only for the times where generators are in use.
- A7. Yes, provided that once a loop (104 circuit or 106 circuit) is opened, the work continues on all working days until the loop is reestablished as we lose our backup feed to the buildings on the circuit.
- Q8. Can we get a Full set of 12470 circuit one line drawing instead of partials? And full site drawings?
- A8. IU administration has deemed the drawings to be confidential and we are not allowed to share copies (hard or electronically) of them in their entirety in a public context. During the meeting held on Tuesday, December 9th, at the Service Building we reviewed how the system operates and answered questions about the overall operation including questions 3, 5 and 8 in this list.
- Q9. Is circuit 104 redundantly fed, through switching with any other circuits such as 103 and 106 are redundantly fed, and, if so, will that other circuit support the entire load?
- A9. See answer to question no. 7.
- Q10. Just for clarity, is the alternate one going to be part of the base bid?
- A10. Reference the Addendum 1 drawing set for the breakdown of work between base bid, alternate 1 and alternate 2.
- Q11. How long can outages at each building last? IU has stated 4 hr. shutdown.
- A11. Outages will be allowed, 1 to connect and 1 to disconnect the generators, each for a 4-hour period.
- Q12. When can outages take place (day of week, time of day)?
- A12. Outages will need to take place at night or on a weekend depending on the proposed schedule.
- Q13. We acknowledge 2 shifts, but are we working OT (10hr shifts and Saturdays) also? It was mentioned two 8 hr. shifts. Work weekends to minimize generator use.
- A13. This is acceptable to IU.
- Q14. When can project start?
- A14. The project can begin as soon as the project is awarded, material has arrived, and outages are scheduled.
- Q15. When is final completion date?
- A15. July 31, 2026, as posted.
- Q16. Are there any days or weeks that no work can take place? (holidays, finals week, graduation, OR)?
- A16. No work is to take place the week of graduation or the week prior to graduation.
- Q17. Does an IU representative have to be present when we are working, or will we be given all access keys for duration?
- A17. Keys can be signed out.
- Q18. Parking?
- A18. Parking will be per the IU project rules.

Q19. Lay down Area?

A19. See question 5 of Addendum #2.

Q20. Once a schedule is presented, is there any chance any buildings can halt work? If so, how will this be addressed? I.e., extended rental times, fuel, etc.?

A20. If IU delays underway work, a negotiated and mutually agreed upon path forward and cost adjustment will be made.

Q21. When is spring break?

A21. Sunday Mar 15 - Sunday Mar 22.

Q22. When is quiet week?

A22. Monday April 27 – Sunday May 3. Finals week is Monday May 4th - Friday May 8th, and Graduation is Saturday May 9th. No work is to transpire during these dates.

Q23. The detail manhole diagram of manhole E-27-Z is confusing as it shows 6 conduits being filled but note 3 only mentions 5 circuits.

A23. There are 5 circuits as note 3 indicates, and a ground. Circuits 104, 107, M5, 4B, 11A enter from the west and 107, M5, 4B, and 11A exit to the east. The drawing does not indicate which circuits are in which conduits.

Item 2

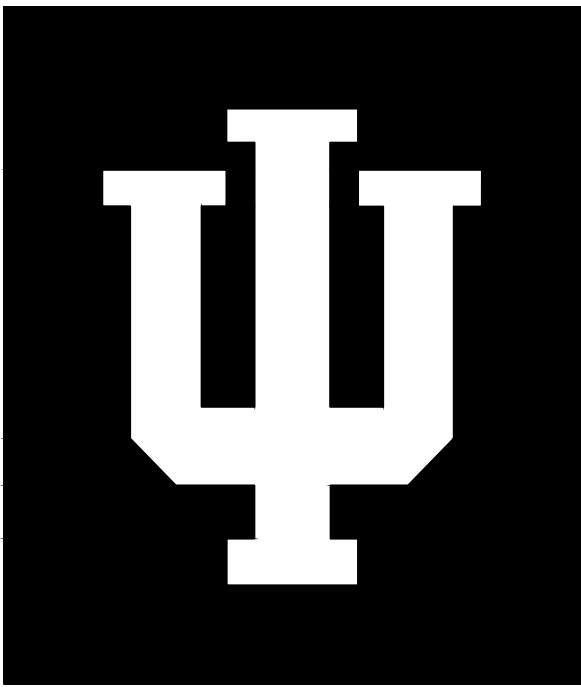
See the attached drawing sheet.

Attachment

Drawing Sheet E6

END OF ADDENDUM 3

INDIANA
UNIVERSITY



CAPITAL
PROJECTS

SERVICE BUILDING
2901 E. DISCOVERY PARKWAY
BLOOMINGTON, IN 47408-9650

CERTIFIED BY:

REVISIONS: A1 ADDENDUM #1 - 11/25/2025
A3 ADDENDUM #1 - 12/10/2025

KEY PLAN:

PROJECT TITLE:

BLOOMINGTON
CAMPUS

REPLACE SECTION OF
12470V CIRCUIT 106
AND CIRCUIT 104

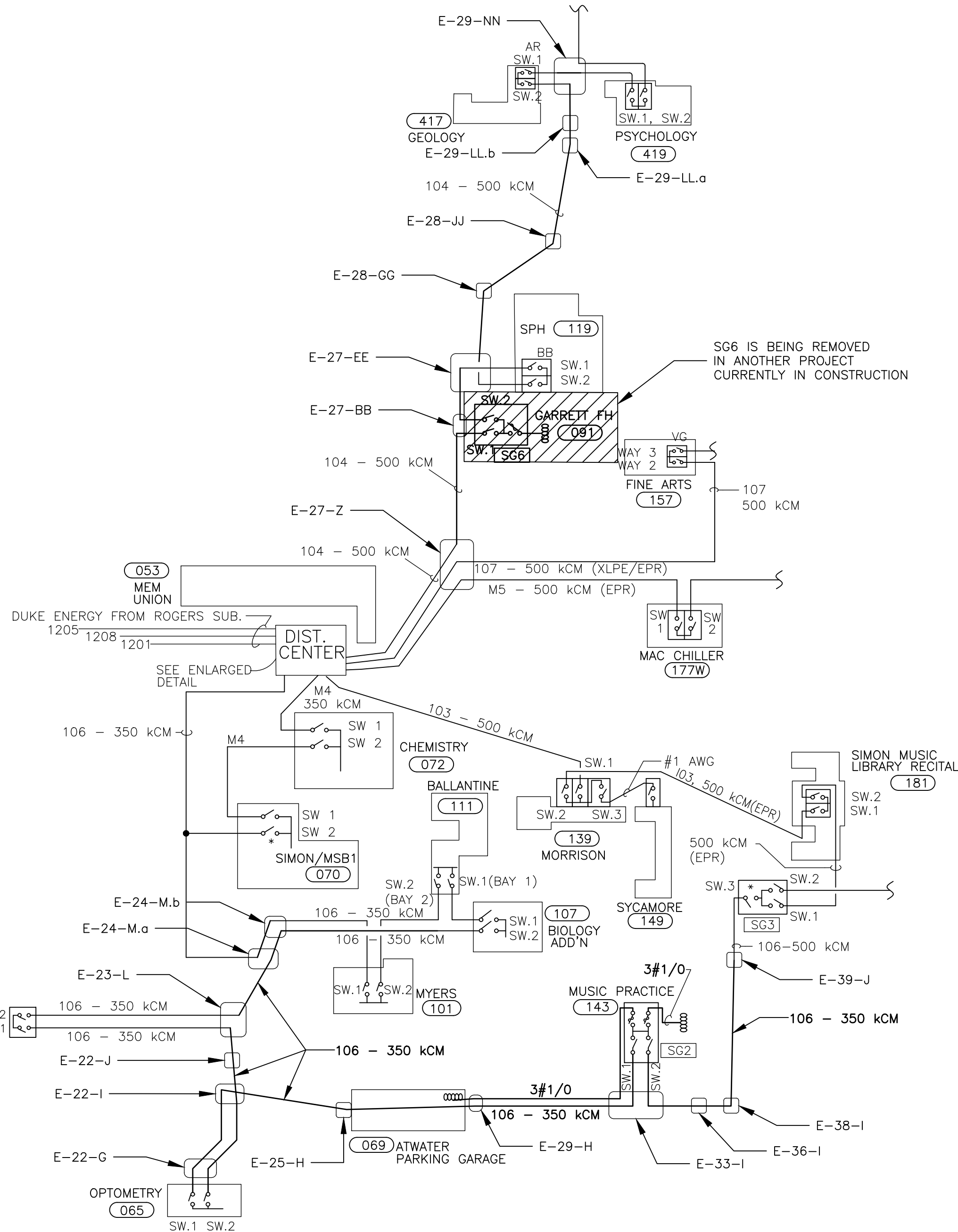
SHEET TITLE:

ONE-LINES

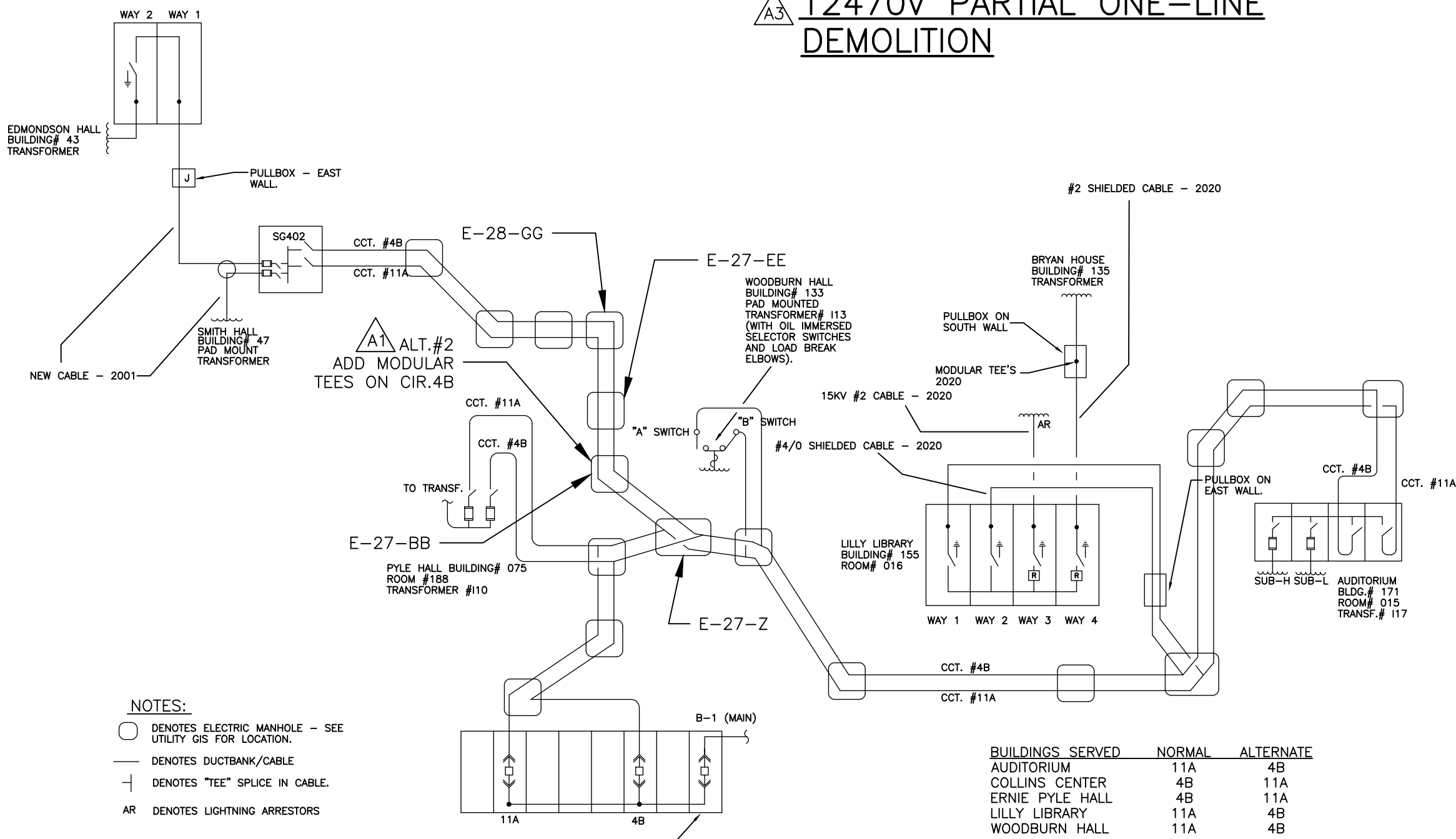
DRAWN:	NS	DATE:	11/13/2025
CHECKED BY:	KP/LV		
WORK REQUEST NUMBER:			
MMS PROJECT NUMBER:	20240606		
CAD FILE NAME:	20240606-E		
TRACING INDEX NUMBER:			
CAMPUS:	BL	BLOG. NUMBER:	000A
SHEET:			

E6

OF 6 SHEETS



A3 12470V PARTIAL ONE-LINE
DEMOLITION

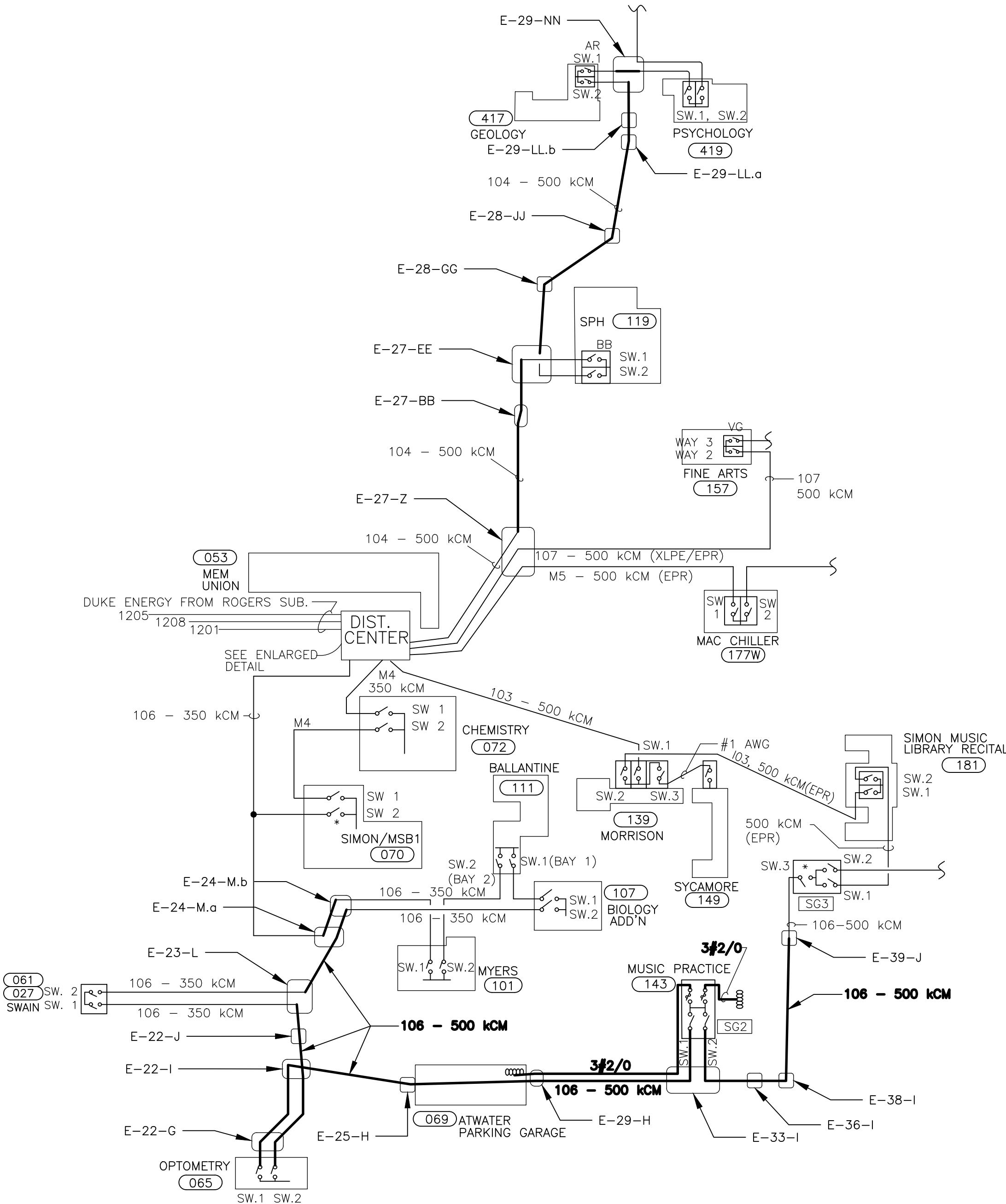


NOTES:
○ DENOTES ELECTRIC MANHOLE - SEE
UTILITY GIS FOR LOCATION.
— DENOTES DUCTBANK/CABLE
+ DENOTES "TEE" SPLICE IN CABLE.
AR DENOTES LIGHTNING ARRESTORS

BUILDINGS SERVED	NORMAL	ALTERNATE
AUDITORIUM	11A	4B
COLLINS CENTER	4B	11A
ERNE PYLE HALL	4B	11A
LILLY LIBRARY	11A	4B
WOODBURN HALL	11A	4B

FEEDER SIZE:
3#4/0 - 5KV. SHIELDED AND NON-SHIELDED
1#1/0 - 600V. GROUND

4160V CIRCUIT 11A & 4B ONE-LINE



A3 12470V PARTIAL ONE-LINE