

ADDENDUM NO. 1

SEPTEMBER 17, 2024

1.1 PROJECT INFORMATION

- A. Project Name: BALL STATE HONORS HOUSE ADDITION
- B. Owner: Ball State University
- C. Owner Project Number: 2024-009.01 BA
- D. Architect: arcDESIGN
- E. Architect Project Number: 24118

1.2 NOTICE TO BIDDERS

- A. This Addendum is issued pursuant to the Instructions to Bidders and Conditions of the Contract. This Addendum serves to clarify, revise, and supersede information in the Project Manual, Drawings, and previously issued Addenda. Portions of the Addendum affecting the Contract Documents will be incorporated into the Contract by enumeration of the Addendum in the Owner/Contractor Agreement.
- B. The Bidder shall acknowledge receipt of this Addendum in the appropriate space on the Bid Form.
- C. The date for receipt of bids is unchanged by this Addendum, at same time and location.

1.3 GENERAL CHANGES

- A. See the attached "Site Logistics Plan" for general information on site access and location.

1.4 REVISIONS TO SPECIFICATIONS

- A. 00 10 00 – TABLE OF CONTENTS
 - 1. Add "00 91 13 ADDENDUM NO. 1"
- B. 00 91 13 – ADDENDUM NO. 1
 - 1. Add Section 00 91 13 ADDENDUM NO. 1 (this document) to the project manual in its entirety.
- C. 01 56 39 – TREE PROTECTION PLAN
 - 1. Remove Article 1.2 Paragraph B in its entirety, see attached revised Specification.

1.5 REVISIONS TO DRAWING SHEETS

- A. Sheet L002 – SITE DEMOLITION PLAN
 - 1. Revise note 3 as indicated on the attached revised Sheet.
 - 2. Revise notes for tree stump removal as indicated on the attached revised Sheet.
- B. Sheet L100 – SITE MATERIALS PLAN
 - 1. Revise Material Keynote note "P02" as indicated on the attached revised Sheet.

- C. Sheet E101 - FIRST FLOOR ELECTRICAL DEMOLITION LIGHTING PLAN
 - 1. Revise Demolition Note 1 as indicated in the attached revised Sheet.
 - 2. Revise notes on Alternate #1 as indicated in the attached revised Sheet.
 - 3. Revise notes on First Floor Demolition Lighting Plan as indicated in the attached revised Sheet.
 - D. Sheet E102 - FIRST FLOOR ELECTRICAL DEMOLITION POWER PLAN
 - 1. Add General Note C as indicated in the attached revised Sheet.
 - 2. Revise notes on First Floor Demolition Power & Systems Plan as indicated in the attached revised Sheet.
 - 3. Add Meter Picture #1 and Meter Picture #2 as indicated in the attached revised Sheet.
 - E. Sheet E103 - FIRST FLOOR ELECTRICAL DEMOLITION SYSTEMS PLAN
 - 1. Add General Note C as indicated in the attached revised Sheet.
 - F. Sheet E300 - BASEMENT & CRAWLSPACE PLAN
 - 1. Add New Plan Note 3 as indicated in the attached revised Sheet.
 - 2. Revise notes on Basement Electrical New Plan as indicated in the attached revised Sheet.
 - G. Sheet E301 - FIRST FLOOR ELECTRICAL LIGHTING PLAN
 - 1. Revise Plan Note 1 as indicated in the attached revised Sheet.
 - 2. Revise Plan Note 5 as indicated in the attached revised Sheet.
 - H. Sheet E302 - FIRST FLOOR ELECTRICAL POWER & SYSTEMS PLAN
 - 1. Add General Note D as indicated in the attached revised Sheet.
 - 2. Revise Plan Note 13 as indicated in the attached revised Sheet.
 - 3. Add Plan Note 15 as indicated in the attached revised Sheet.
 - 4. Revise notes on First Floor New Power & Systems Plan as indicated in the attached revised Sheet.
 - I. Sheet E601 - ELECTRICAL SCHEDULES
 - 1. Revise Lighting Fixture Schedule F4 as indicated in the attached revised Sheet.
 - 2. Add Lighting Fixture Schedule L1 as indicated in the attached revised Sheet.
 - 3. Revise New Panelboard Schedule as indicated in the attached revised Sheet.
- 1.6 QUESTIONS
- A. (Pre-Bid Meeting) Are there any Allowances?
 - 1. Yes, please refer to the Allowances Specification in the Project Manuel.
 - B. (Pre-Bid Meeting) Are there any special shutdown requirements?
 - 1. Yes, there will be a need for a shutdown to transfer the electrical, Ball State's preference is that this would occur over a weekend. Coordination for all shutdowns should be coordinated with Ball State.
 - C. (Pre-Bid Meeting) Are there site access restrictions?
 - 1. Yes, the only access will be off Ashland Avenue (south). No construction traffic will be allowed on the Martin Street pedestrian corridor. The G.C. will be responsible for protecting all site items and returning them to their existing condition or better at the end of the project. arcDESIGN will work with Ball State to develop a site logistics plan to issue (included in this Addendum).

- D. Are the lights in rooms 113 and 114 base bid or part of an alternate?
 - 1. Lighting in 113 and 114 are part of the Alternate 1 scope, all other lighting in the project is base bid.

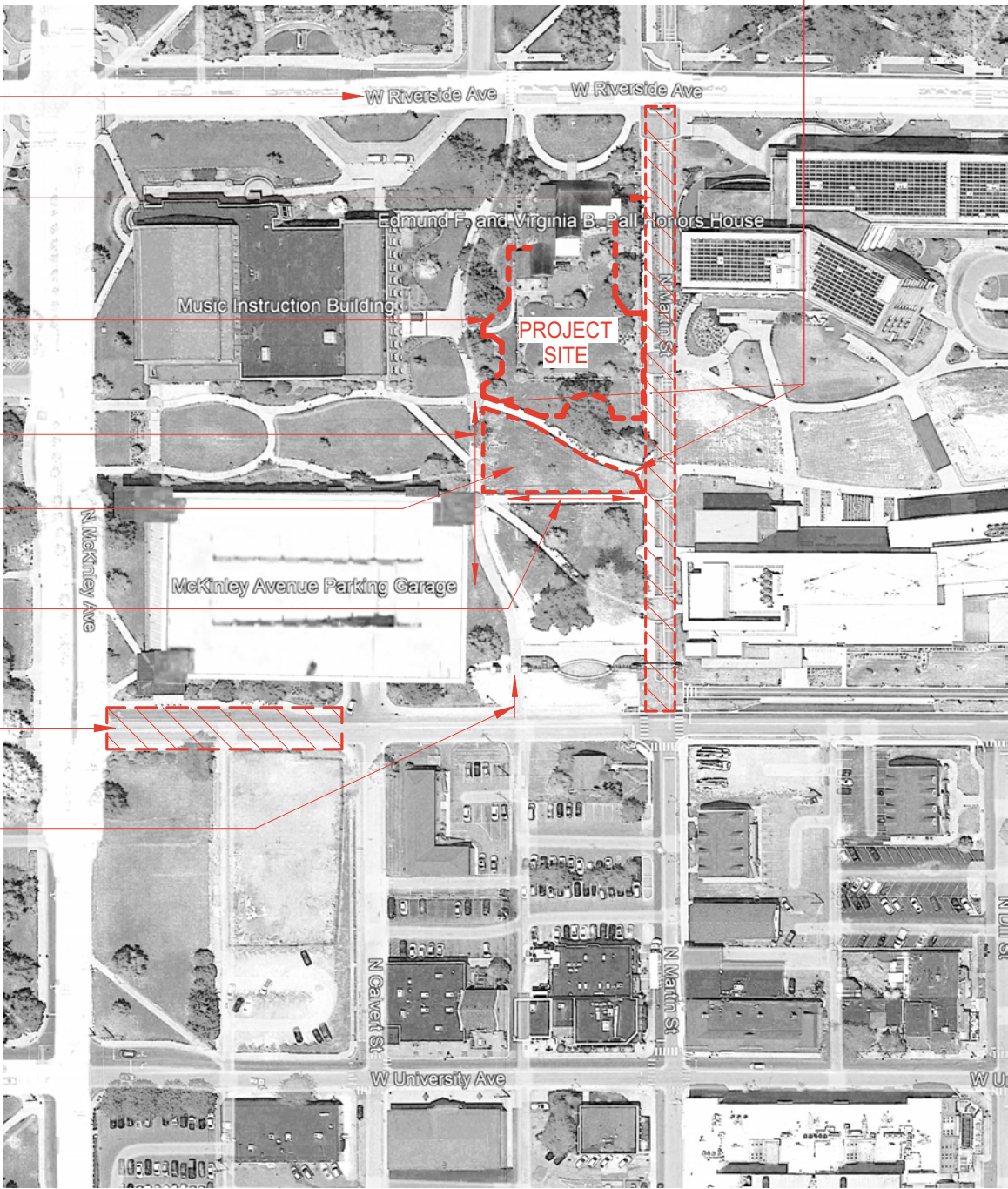
1.7 ATTACHMENTS

- A. Site Logistics Plan
- B. Specification 01 56 39 – TREE PROTECTION PLAN
- C. Sheet L002 – SITE DEMOLITION PLAN
- D. Sheet L100 – SITE DEMOLITION PLAN
- E. Sheet E101 - FIRST FLOOR ELECTRICAL DEMOLITION LIGHTING PLAN
- F. Sheet E102 - FIRST FLOOR ELECTRICAL DEMOLITION POWER PLAN
- G. Sheet E103 - FIRST FLOOR ELECTRICAL DEMOLITION SYSTEMS PLAN
- H. Sheet E300 - BASEMENT & CRAWLSPACE PLAN
- I. Sheet E301 - FIRST FLOOR ELECTRICAL LIGHTING PLAN
- J. Sheet E302 - FIRST FLOOR ELECTRICAL POWER & SYSTEMS PLAN
- K. Sheet E601 - ELECTRICAL SCHEDULES
- L. Pre-Bid Agenda
- M. Pre-Bid Sign-In Sheet

END OF DOCUMENT 00 91 13

CONTRACTOR OPTION: PORTION OF
SIDEWALK BETWEEN SITE AND LAYDOWN
MAY BE CLOSED DOWN IF IT HELPS SITE
ACCESS AND COST. COORDINATE TREE
PROTECTION WITH OWNER.

- NO CONSTRUCTION
ACCESS FROM
W RIVERSIDE AVE
- THERE IS TO BE NO
CONSTRUCTION ACTIVITY
OR VEHICULAR TRAFFIC
ALONG THE MARTIN
STREET PATHWAY
- CONSTRUCTION FENCE,
REF. L-SERIES
- NORTH/SOUTH
PEDESTRIAN ACCESS
MUST BE MAINTAINED
- OPTIONAL ADDITIONAL
LAYDOWN AREA
- EAST/WEST PEDESTRIAN
ACCESS MUST BE
MAINTAINED
- PORTION OF ASHLAND
STREET CLOSED, NO
ACCESS
- CONSTRUCTION ACCESS
HERE. G.C. SHALL
PROTECT PATH TO SITE
FROM DAMAGE,
INCLUDING BUT NOT
LIMITED TO LAWNS,
PLANTINGS, SIDEWALKS,
PAVEMENTS, CURBS,
AND UNDERGROUND
STRUCTURES AND
RETURN TO MATCH
EXISTING CONDITIONS
AT THE END OF THE
PROJECT.



SITE LOGISTIC PLAN

SECTION 01 56 39 - TREE PROTECTION

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This section includes the protection and trimming of existing trees that interfere with, or are affected by, execution of the Work, whether temporary or permanent construction.

1.3 DESCRIPTIONS

- A. Protected Tree: Any tree that the Landscape Architect, in agreement with the site Consulting Arborist, has designated to be of high value because of its type, age, or other professional criteria.
- B. Protected Root Zone: The ground area surrounding each tree containing its root system, defined by a radius equal to the trunk diameter at breast height (dbh) in inches multiplied by 1.5 feet per inch. For example, a 10 inch dbh tree would have a root zone extending 15 feet from the trunk in all directions.
- C. Critical Root Zone (CRZ): The part of the Root Zone of a Protected Tree which must be protected from construction damage. The Critical Root Zone for other existing plants may be indicated on the Tree Preservation Plan.
- D. Tree Preservation Plan: A plan that identifies areas of plant preservation and methods of protection within the Protected Root Zones. The methods may consist of fencing, mulching, etc.
- E. Compaction: Increased soil density. This results in death of existing roots and/or greater difficulty for new roots to develop. Damage may be caused by many agents, including the use of heavy equipment, concentrated foot traffic, and storage of heavy materials under or around trees.
- F. Damage: Shall include any of the prohibited practices listed below and as determined solely by the Owner.
- G. Prohibited Practices: Shall include, but are not limited to:
 - 1. Breaking of branches, scraping of bark, or unauthorized cutting.
 - 2. Nailing or bolting into trees or using trees as temporary support in any way (including cabling around any part of the tree).
 - 3. Unauthorized filling, excavating, trenching, or use of augers within Protected Root Zones.
 - 4. Compaction of or driving over Protected Root Zones.
 - 5. Storage of any materials or vehicles within Protected Root Zones.
 - 6. Dumping of construction waste or materials within Protected Root Zones.
 - 7. Disposal of liquid waste or contaminants in an area which may impact protected trees or their Protected Root Zones.

8. Unauthorized removal or relocation of Protected Trees.
9. Removal of tree protection barricades or construction fencing prior to completion of project.
10. Any other practices listed on the Tree Protection Plan.

1.4 SUBMITTALS

- A. Product Data: For each type of product indicated.
- B. Qualification Data: For tree service firm and certified arborist.
- C. Certification: From arborist, certifying that trees indicated to remain have been protected during construction according to recognized standards and that trees were promptly and properly treated and repaired when damaged.
- D. Maintenance Recommendations: From a certified arborist, for care and protection of trees affected by construction during and after completion of the Work.

1.5 QUALITY ASSURANCE

- A. Tree Service Firm Qualifications: An experienced tree service firm that has successfully completed tree protection and trimming work similar to that required for this Project and that will assign an experienced, qualified arborist to the Project site during execution of tree protection and trimming work.
- B. Arborist Qualifications: An arborist certified by the International Society of Arboriculture (ISA) or licensed in the jurisdiction.
- C. Preconstruction Conference: Inspector may call a preconstruction conference to review project requirements, including tree protection and trimming, prior to start of construction.
- D. Before tree protection and trimming operations begin, Contractor will meet with Owner's representative to review tree protection and trimming procedures and responsibilities.
- E. On-going Site Inspection
 1. The Landscape Architect will monitor the construction site throughout the construction process. Violations and damages will be handled according to these specifications and the Tree Preservation Plan.
 2. The Landscape Architect will notify the construction inspector of any breach of the contract or Tree Preservation Plan. At this time the contractor will stop and/or correct whatever practice led to the breach.
 3. If a breach of contract occurs, damages will be assessed according to the replacement cost of the tree(s) in question. The Certified Arborist shall perform the damage assessment.
 4. The Contractor shall immediately contact the Owner's representative should protected trees be compromised in violation of these specifications. Failure to communicate promptly could result in additional damages.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Safety Fence
 - 1. Basis of Design: Uline Safety Fence – Heavy Duty 4 x 100 Orange
 - 2. Thickness: 20 mil
 - 3. Weight 13 lbs
- B. Safety Fence Posts:
 - 1. Basis of Design: Uline Safety Fence Post – 6’
 - 2. Painted Steel Posts
 - 3. Metal Tabs
 - 4. Weight: 3 lbs
 - 5. Installed Height: 4’
- C. Filter Fabric: Manufacturer’s standard, non-woven, pervious, geotextile fabric of polypropylene, nylon, or polyester fibers.
- D. Organic Mulch: Shredded hardwood bark, free of deleterious materials, as specified in Division 32 section “Planting”.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Tree Protection Fencing: Install 6-foot high, non-moveable, temporary, chain link fencing around Protected Root Zones where indicated on plans to protect remaining trees and vegetation from construction damage. Maintain temporary fence and remove when construction is complete.
 - 1. Install chain-link fence according to ASTM F 567 and manufacturer’s written instructions.
 - 2. Provide access for lawn and landscape maintenance equipment.
- B. Protect tree root systems from damage caused by runoff or spillage of noxious materials while mixing, placing, or storing construction materials. Keep Protected Root Zones free of ponding, eroding, or excessive wetting caused by dewatering operations.
- C. Mulch Protected Root Zones as required to minimize compaction from **unavoidable** encroachment during construction.
 - 1. Apply 4-inch (100-mm) average thickness of organic mulch. Do not place mulch within 4 inches (100 mm) of tree trunks.
- D. Do not store construction materials, debris, or excavated material inside Protected Root Zones. Do not permit vehicles or persistent foot traffic within Protected Root Zones; prevent soil compaction over root systems.
- E. Maintain fence enclosed Protected Root Zones in pre-construction condition and free of weeds and trash.
- F. Do not allow fires within Protected Root Zones.

3.2 EXCAVATION

- A. Install shoring or other protective support systems to minimize sloping or benching of excavations adjacent to Protected Root Zones.
- B. Do not excavate within Protected Root Zones, unless otherwise indicated and approved, in writing, by the Certified Arborist prior to initiating excavation.
- C. An air knife shall be used to excavate soil around large roots and intricate root systems of trees identified as being critical to the campus vocabulary or trees larger than 18" caliper. Refer to Tree Protection Plan.
- D. Where excavation for new construction is required within Protected Root Zones, hand clear and excavate to minimize damage to root systems. Use narrow-tine spading forks and comb soil to expose roots.
 - 1. Redirect roots in backfill areas where possible. If encountering large, main lateral roots, expose roots beyond excavation limits as required to bend and redirect them without breaking. If encountered immediately adjacent to location of new construction and redirection is not practical, cut roots approximately 3 inches back from new construction. Cut roots with sharp pruning instruments; do not break or chop.
 - 2. Do not allow exposed roots to dry out before placing permanent backfill. Provide temporary earth cover or pack with peat moss and wrap with burlap. Water and maintain in a moist condition. Temporarily support and protect roots from damage until they are permanently relocated and covered with soil.
- E. Where utility trenches are required within Protected Root Zones, the Certified Arborist **must** be consulted prior to initiating any work with the root zone. Tunneling under or around roots by drilling, auger boring, pipe jacking, or digging by hand may be required.
 - 1. Root Pruning: Cut roots with sharp pruning instruments; do not break or chop.
 - 2. An air knife shall be used to excavate soil around large roots and intricate root systems of trees identified as being critical to the campus vocabulary. Refer to Tree Protection Plan.

3.3 GRADE CHANGES

- 1. Grade Changes: Where new finish grade is indicated below or above existing grade around trees, slope grade beyond Protected Root Zones. Maintain existing grades within Protected Root Zones. If this is not practical, consult the Certified Arborist prior to initiating grading work.

3.4 TREE PRUNING

- A. All required pruning shall be performed by University staff or Certified Arborist. The Contractor shall not prune Protected

3.5 TREE DAMAGE, REPAIR, AND REPLACEMENT

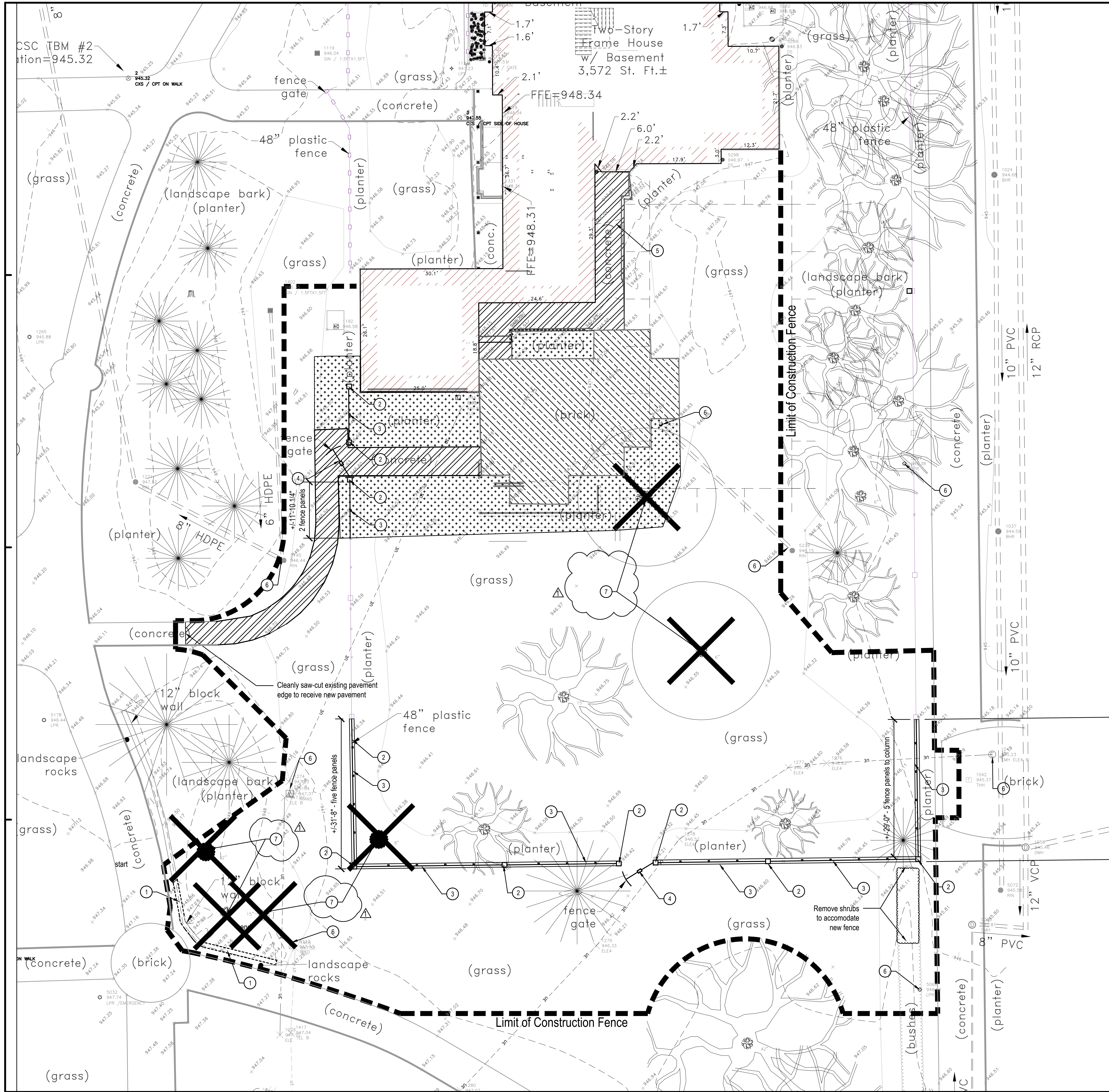
- A. Immediately notify Owner of trees damaged by construction operations.
- B. Promptly repair trees damaged by construction operations within 24 hours. Treat damaged trunks, limbs and roots according to Arborist's written instructions and as approved by Certified Arborist.

- C. Remove and replace trees indicated to remain that die or are damaged during construction operations that Arborist determines are incapable of restoring to normal growth pattern.
- D. Provide new trees of same size and species as those being replaced as determined by the Landscape Architect. Plant and maintain as specified in Division 32 Section "Planting".

3.6 DISPOSAL OF WASTE MATERIALS

- A. Burning is not permitted.
- B. Disposal: Remove excess excavated material and displaced plant material from Owner's property.

END OF SECTION 01 56 39



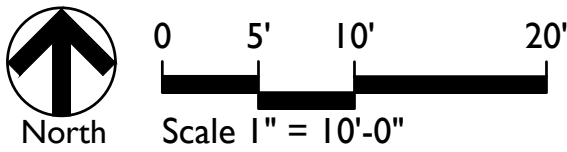
DEMOLITION NOTES

- Contractor shall verify existing utility locations and limits of construction prior to beginning work.
- Contractor shall coordinate all work associated with the removal, relocation, and demolition of existing utilities with respective operating authorities.
- Demolished material shall be disposed of per the direction of Ball State University. If no authorization from the Owner is provided, all material becomes the property of the Contractor and shall be legally disposed of off-site.
- Maintain proper drainage in demolition area.
- All demolished pavements, curbs and other hardscape elements that adjoin site features to remain shall be cleanly saw cut for removal.
- Backfill all depressed and void areas with top soil following removal of vegetation. Soil shall be free of debris. Compact soils to ensure setting and sedimentation do not occur.

DEMOLITION LEGEND

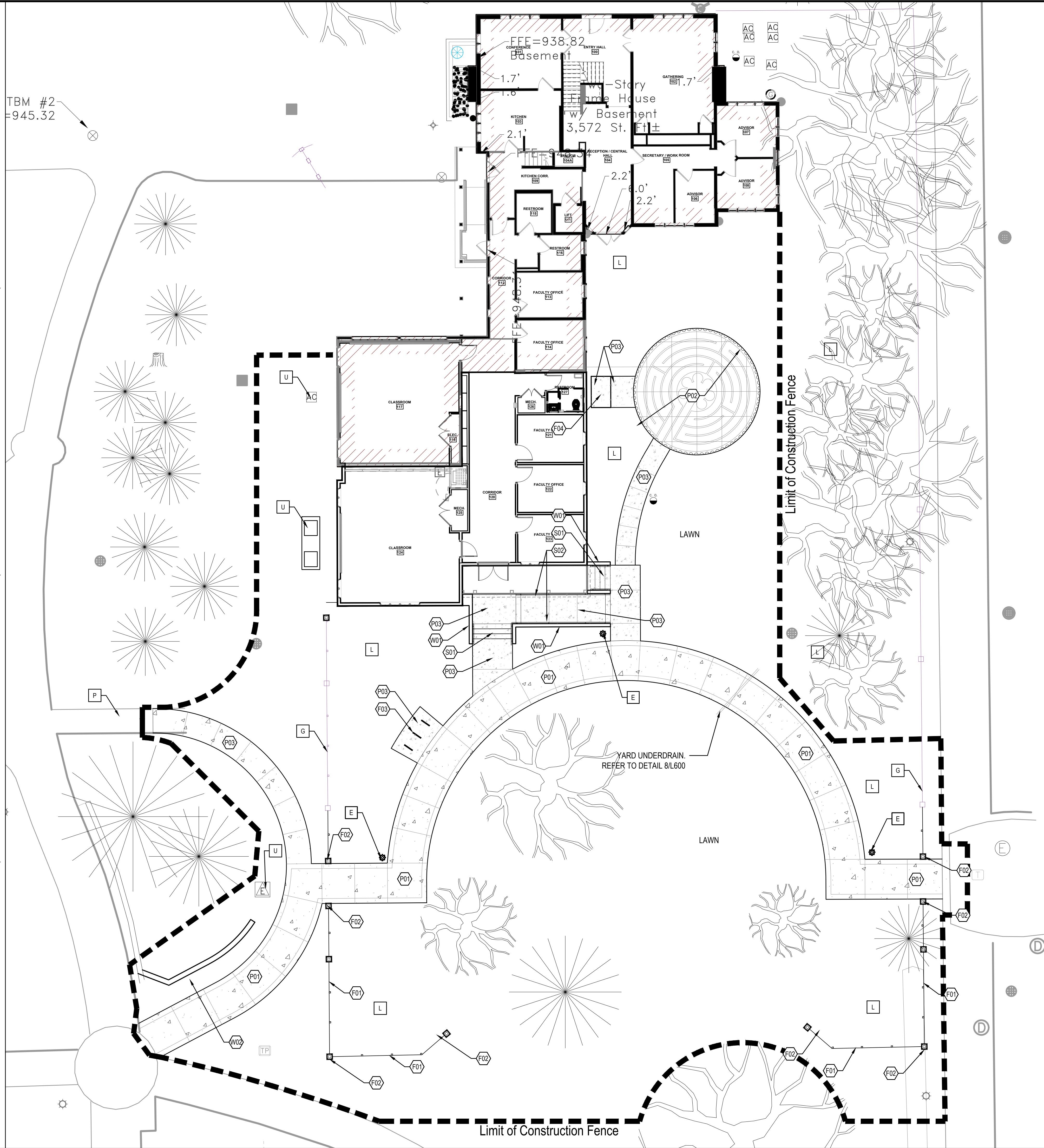
- Segmented wall to be removed and reused per Site Materials Plan.
- Fence Column to be relocated per Site Materials Plan, Refer to Detail X.
- Fence post and panel to be relocated per Site Materials Plan, Refer to Detail X. Panels to be removed in whole sections to the nearest post.
- Remove gate and hardware.
- Remove ramp, handrail, footers, and subbase completely.
- Protect utility throughout construction. Refer to MEP series for electric modifications.

- Pavers and subbase to be removed completely.
- Concrete and subbase to be removed completely.
- Planting Bed and trellis to be removed.
- Tree and stump to be removed completely.



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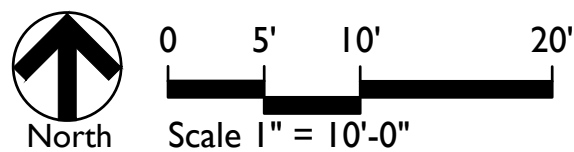
MATERIAL KEYNOTES	
KEY	DESCRIPTION / REFERENCE
[V]	UTILITIES. REFER TO MEP SERIES
[E]	SITE LIGHTING. REFER TO E SERIES
[G]	EXISTING FENCING/ GATES OR RAILINGS TO REMAIN
[L]	LANDSCAPE BEDS
[P]	EXISTING PAVEMENT TO REMAIN. PROTECT THROUGHOUT CONSTRUCTION

MATERIAL KEYNOTES	
KEY	DESCRIPTION / REFERENCE
[P01]	VINYL FENCE POST AND PANEL TO MATCH EXISTING. REFER TO SPECIFICATION XX.XX.XX
[P02]	WOODEN FENCE COLUMN TO MATCH EXISTING. REFER TO DETAIL 4/L601
[P03]	BIKE RACK, EMBEDDED. REFER TO DETAIL 6/L600 AND SPECIFICATION 32.30.00
[P04]	ARBOR WITH SWING. REFER TO DETAIL 7/L600 AND SPECIFICATION 32.30.00

MATERIAL KEYNOTES	
KEY	DESCRIPTION / REFERENCE
[P05]	STANDARD CONCRETE WITH 12" JOINTED BAND. REFER TO SITE DETAIL 1-2/L600 AND SPECIFICATION 32.13.13
[P06]	LABYRINTH. REFER TO DETAIL 3/L600 AND SPECIFICATION 32.30.00 AND 32.13.13
[P07]	STANDARD CONCRETE WITHOUT BAND. REFER TO SITE DETAIL 1-2/L600 AND SPECIFICATION 32.13.13

MATERIAL KEYNOTES	
KEY	DESCRIPTION / REFERENCE
[P08]	STAIRS WITH 3 RISERS AND HANDRAIL. REFER TO DETAILS 4-5/L600, 1-3/L601 AND SPECIFICATION 05.50.10
[P09]	HANDRAIL AT RAMP CONDITION. REFER TO DETAIL 1/L600, 1/L601 AND SPECIFICATION 05.50.10

MATERIAL KEYNOTES	
KEY	DESCRIPTION / REFERENCE
[P10]	6" WIDE RUBBED CONCRETE WALL AT STAIRS AND RAMP. REFER TO DETAIL 2/L601 AND SPECIFICATION 32.13.13
[P11]	SEGMENTED WALL. RECONSTRUCTED FROM EXISTING MATERIALS. REFER TO DETAIL 9/L600



BALL STATE UNIVERSITY
BALL HONORS HOUSE ADDITION
1707 W. RIVERSIDE AVE.
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Δ REVISIONS:
1 ADDENDUM 1 09/17/24

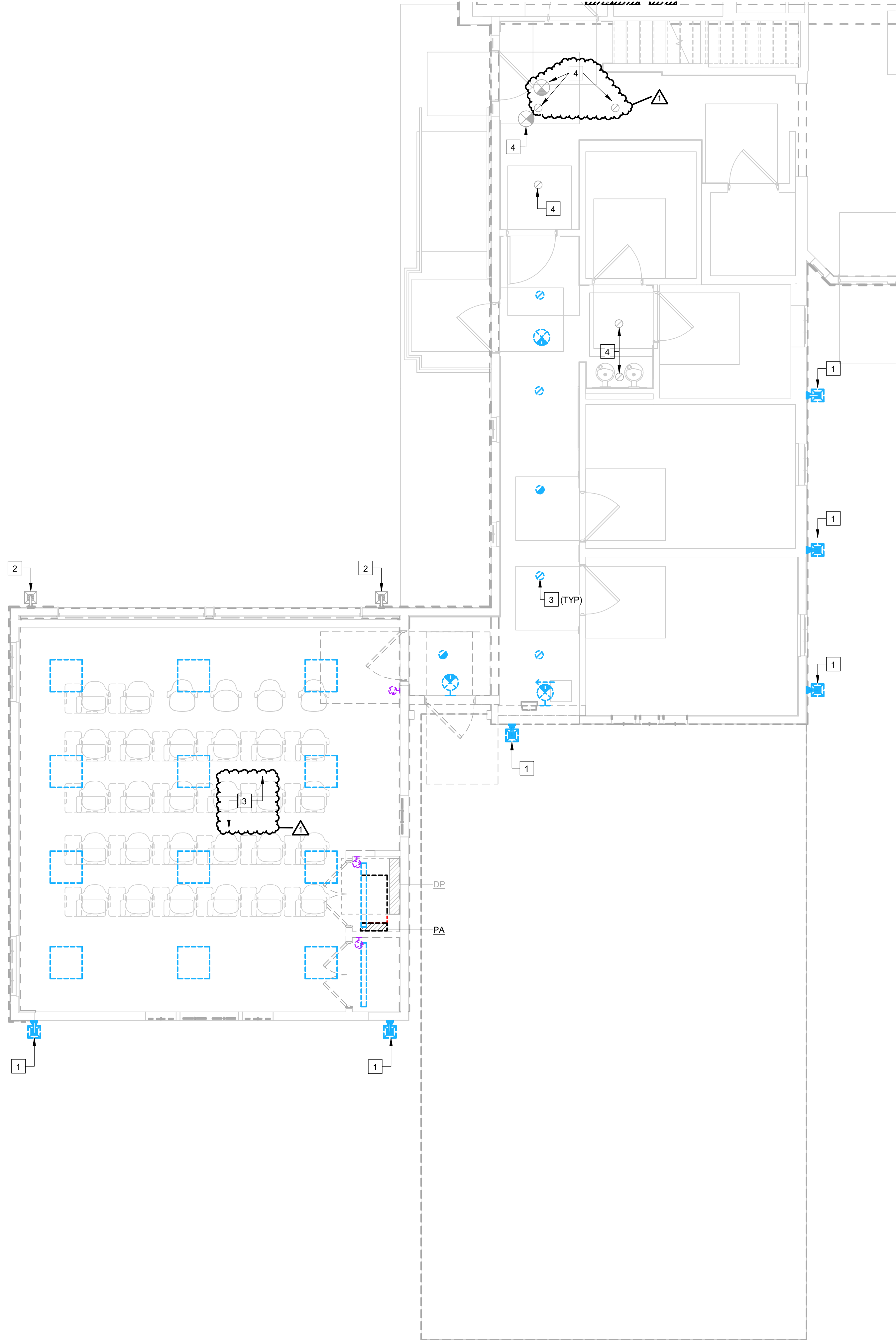
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DRAWING TITLE:
SITE
MATERIALS
PLAN

DRAWING NUMBER:
L100

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FIRST FLOOR DEMOLITION LIGHTING PLAN
SCALE: 1/4" = 1'-0"



GENERAL NOTES:

- A. REFER TO SHEET E001 FOR GENERAL NOTES, SYMBOLS AND ABBREVIATIONS.
- B. EXTERIOR LIGHTS CONTROLLED BY LIGHTING CONTACTOR C-1 IN BASEMENT AND PHOTOCELL ON ROOF. REFER TO SHEET E100 OR E300 FOR LOCATION OF CONTACTOR.

DEMOLITION NOTES:

- 1. REMOVE HISTORICAL DECORATIVE EXTERIOR SCONCE LIGHT, TOTAL OF 6 TO BE REMOVED. 5 OF 6 FIXTURES TO BE SALVAGED FOR REUSE. 1 FIXTURE TO BE RETURNED TO OWNER FOR FUTURE USE. REPAIR EXTERIOR WALL AFTER REMOVAL. REMOVE 28 BASE BULB.
- 2. MAINTAIN HISTORICAL DECORATIVE EXTERIOR SCONCE LIGHT.
- 3. REMOVE LIGHT FIXTURES, CONTROLS AND ASSOCIATED WIRING IN THIS ROOM. MAINTAIN RACEWAY FOR REUSE.
- 4. MAINTAIN LIGHTS IN HALLWAY THAT ARE SEPARATED BY BULKHEAD, DOORS, ETC.

ALTERNATE #1 PLAN NOTES:

- a. PROVIDE NEW LIGHTS IN EXISTING OFFICES TO MATCH LIGHTS IN NEW OFFICES.



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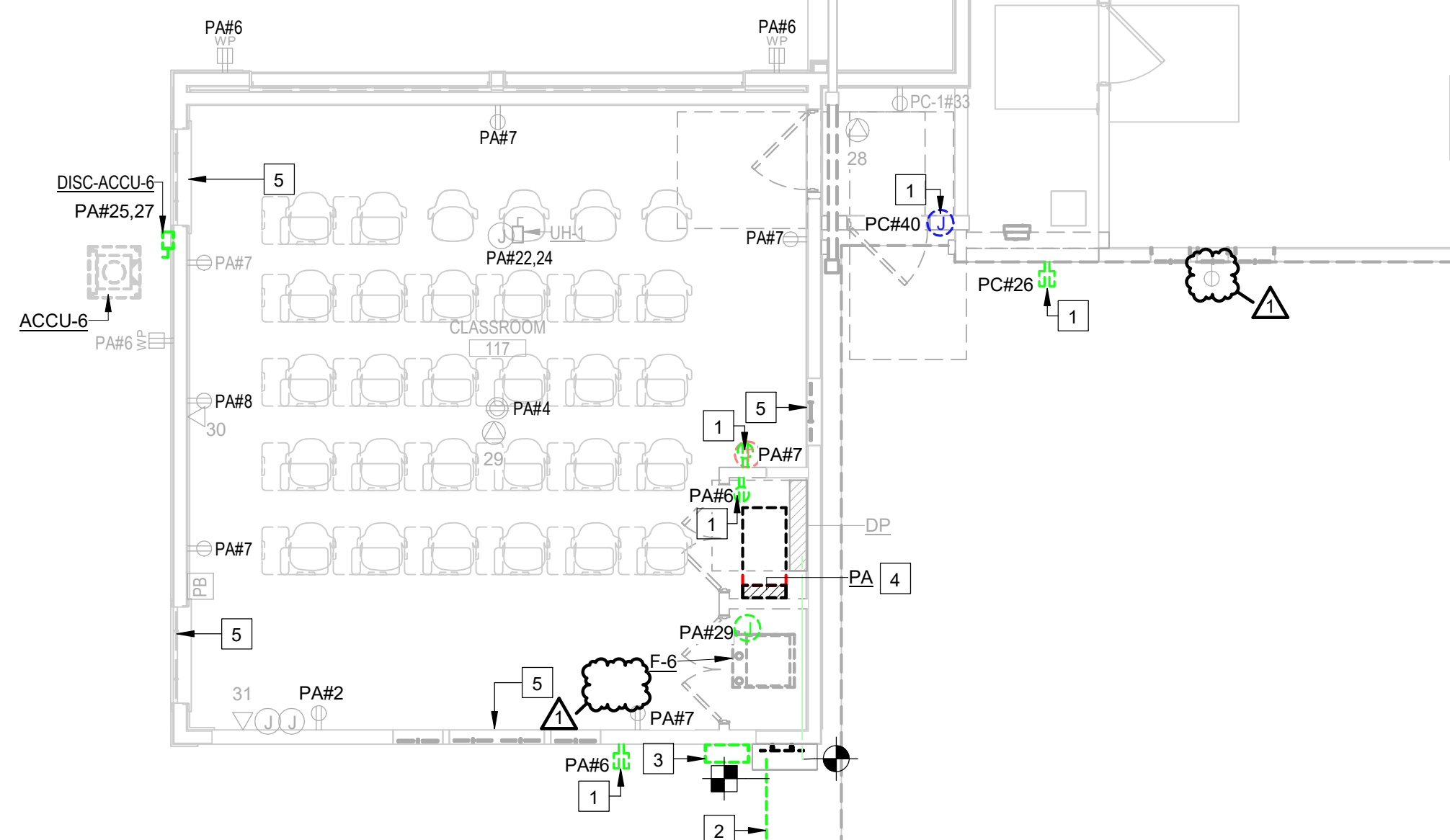
FIRST FLOOR
ELECTRICAL
DEMOLITION
LIGHTING PLAN

DRAWING NUMBER:

E101

A
B





GENERAL NOTES:

- A. REFER TO SHEET E001 FOR GENERAL NOTES, SYMBOLS AND ABBREVIATIONS.
- B. COORDINATE NEW CONNECTION SWITCH-OVER WITH OWNER PRIOR TO PERFORMING WORK.
- C. REFER TO SHEET E100 AND E300 FOR LOCATION OF TELECOM AND FIRE ALARM EQUIPMENT.

DEMOLITION NOTES:

1. REMOVE RECEPTACLE FROM EXISTING CIRCUIT. REPAIR CIRCUIT AFTER REMOVAL SO THAT ALL DEVICES ON CIRCUIT OPERATE AS EXPECTED.
2. AFTER NEW SERVICE ENTRANCE CONDUIT AND WIRING HAS BEEN PROVIDED, REMOVE EXISTING SERVICE ENTRANCE CONDUIT AND WIRING BETWEEN METERING/GROUND BAR ENCLOSURE BACK TO INTERCEPT POINT.
3. COORDINATE WITH AEP ABOUT REMOVAL OF METER. METER BASE MAY BE REMOVED ONLY AFTER AEP REMOVES METER.
4. REMOVE PANELBOARD FROM WALL. RETURN TO OWNER.
5. REMOVE BLACKOUT CURTAINS, THEN PATCH AND REPAIR WALL.



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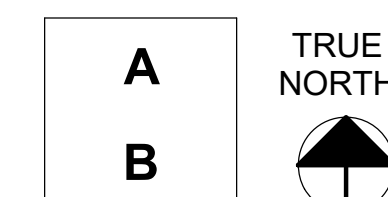
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FIRST FLOOR ELECTRICAL DEMOLITION POWER PLAN

DRAWING NUMBER:

E102

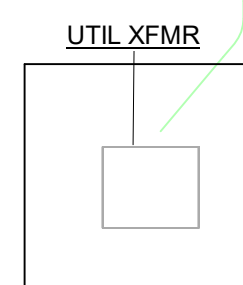


TRUE
NORTH



FIRST FLOOR DEMOLITION POWER & SYSTEMS PLAN

SCALE: 3/16" = 1'-0"



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2024-009 00 BA
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DRAWING TITLE:

FIRST FLOOR
ELECTRICAL
DEMOLITION
SYSTEMS PLAN

DRAWING NUMBER:

E103

GENERAL NOTES:

- A. REFER TO SHEET E001 FOR GENERAL NOTES, SYMBOLS AND ABBREVIATIONS.
- B. COORDINATE NEW CONNECTION SWITCH-OVER WITH OWNER PRIOR TO PERFORMING WORK.
- C. REFER TO SHEET E100 AND E300 FOR LOCATION OF TELECOM AND FIRE ALARM EQUIPMENT.

DEMOLITION NOTES:

1. MAINTAIN EXISTING DOOR SENSOR ALARM PANEL. PANEL DIRECTLY CALLS POLICE.
2. MAINTAIN DOOR SENSORS, CARD READERS AND CEILING-MOUNTED JUNCTION BOXES FOR EACH EXISTING DOOR.

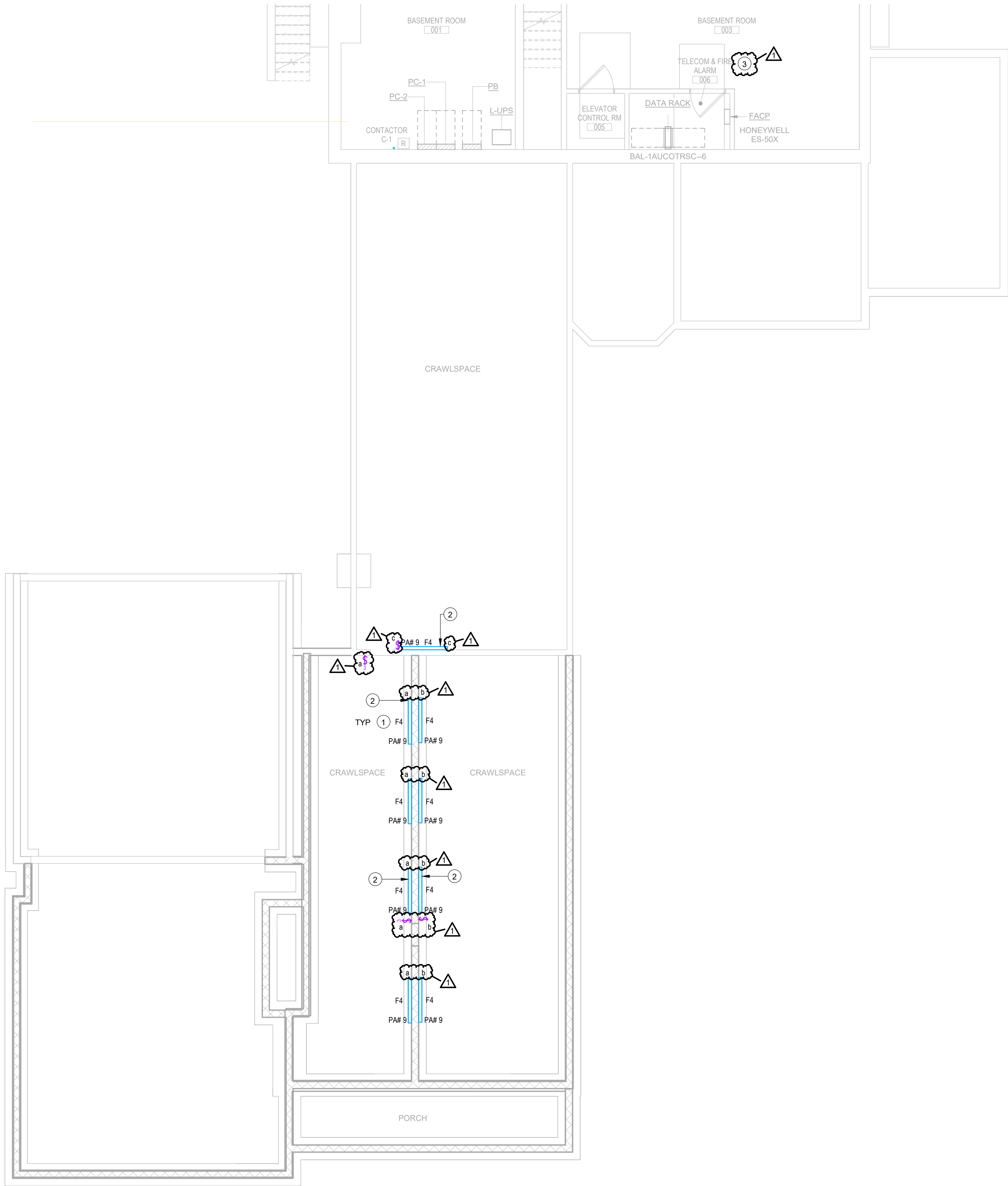
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GENERAL NOTES:

A. REFER TO SHEET E001 FOR GENERAL NOTES, SYMBOLS AND ABBREVIATIONS.

NEW PLAN NOTES:

1. PROVIDE NEW STRIP LIGHTS IN CRAWLSPACE.
2. PROVIDE ADDITIONAL CONNECTION TO LIGHT FIXTURE FROM L-UPS IN BASEMENT. REFER TO SHEET E100 OR E300 FOR LOCATION. PROVIDE GENERATOR TRANSFER DEVICE (L-UPS RATED).
3. ROUGH-INS FOR TELECOM AND SYSTEMS TO BE ROUTED TO THIS ROOM.



BASEMENT ELECTRICAL NEW PLAN
SCALE: 3/16" = 1'-0"

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24118

CLIENT PROJECT NUMBER:

2024-009 00 BA

DRAWN BY:

CES

DRAWING TITLE:

**BASEMENT &
CRAWLSPACE
PLAN**

DRAWING NUMBER:

E300

A
B

TRUE
NORTH





BALL STATE UNIVERSITY
BSU HONORS HOUSE
ENTER ADDRESS HERE

100% CONSTRUCTION
DOCUMENTS

△ REVISIONS:
1 2024/09/17 ADDENDUM #1

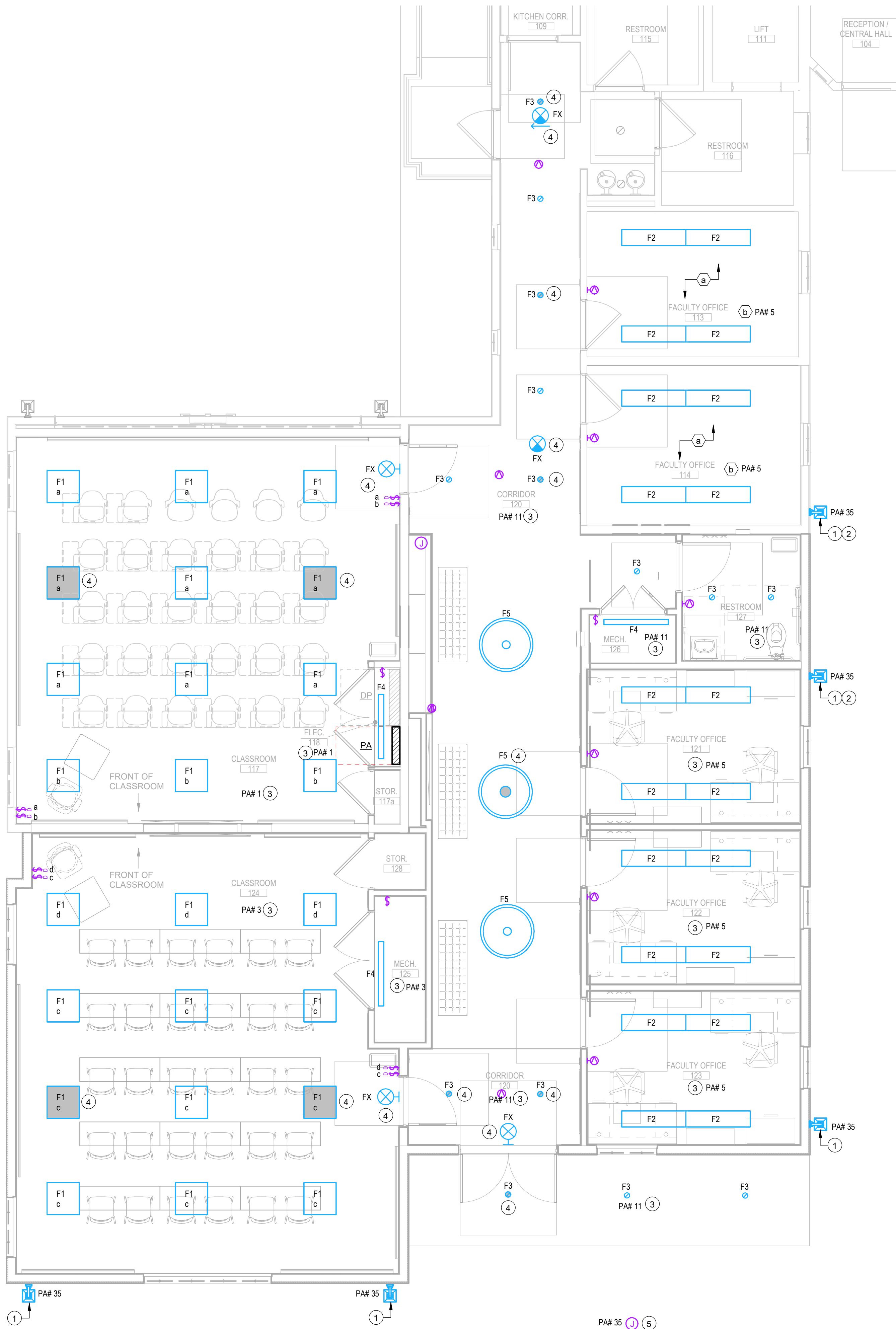
DATE:
26 AUGUST 2024
arcDESIGN PROJECT NUMBER:
24118
CLIENT PROJECT NUMBER:
2024-009 00 BA
DRAWN BY:
CES

DRAWING TITLE:
**FIRST FLOOR
ELECTRICAL
LIGHTING PLAN**

DRAWING NUMBER:

E301

A
B



GENERAL NOTES:

- A. REFER TO SHEET E001 FOR GENERAL NOTES, SYMBOLS AND ABBREVIATIONS.

PLAN NOTES:

1. REINSTALL HISTORICAL DECORATIVE SCENCE AT NEW LOCATION. RECONNECT LIGHTS TO LIGHTING CONTRACTOR IN THE BASEMENT. REFER TO SHEET E100 AND E300 FOR LOCATION. PROVIDE NEW EDISON STYLE A26 BULB IN FIXTURE. SUBMIT CUTSHEET FOR BULB TO ARCHITECTS, ENGINEER AND LANDSCAPE BEFORE PURCHASE.
2. INSTALL LIGHTS ON BOTH THE LEFT AND RIGHT SIDES OF PERGOLA/SWING, EQUIDISTANT FROM CENTER OF PERGOLA, AND 2-3 FEET FROM THE EDGE OF THE PERGOLA. REFER TO SITE ARCHITECTURE PLANS FOR EXACT PERGOLA LOCATION. PROVIDE MOCK-UP LAYOUT TO ARCHITECT AND SITE ARCHITECT PRIOR TO INSTALL.
3. CONNECT LIGHTS IN THIS ROOM TO CIRCUIT LISTED.
4. PROVIDE ADDITIONAL CONNECTION TO LIGHT FIXTURE FROM L-UPS IN BASEMENT. REFER TO SHEET E100 OR E300 FOR LOCATION. PROVIDE GENERATOR TRANSFER DEVICE UL924 RATED.
5. CONNECT 3 LIGHT POLES ALONG PATHWAY TO SAME CIRCUIT AS EXTERIOR SCENCE LIGHTS. REFER TO LANDSCAPING PLAN FOR LIGHT POLE LOCATIONS. CONNECT LIGHT POLES TO LIGHTING CONTRACTOR IN BASEMENT.

ALTERNATE #1 PLAN NOTES:

- a. PROVIDE NEW LIGHTS IN EXISTING OFFICES TO MATCH LIGHTS IN NEW OFFICES.
- b. CONNECT LIGHTS IN THIS ROOM TO CIRCUIT LISTED.



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DOCUMENTS

△ REVISIONS:
1 2024/09/17 ADDENDUM #1

DATE:
26 AUGUST 2024
arcDESIGN PROJECT NUMBER:
24118
CLIENT PROJECT NUMBER:
2024-009 00 BA
DRAWN BY:
CES

DRAWING TITLE:
**FIRST FLOOR
ELECTRICAL
POWER &
SYSTEMS PLAN**
DRAWING NUMBER:

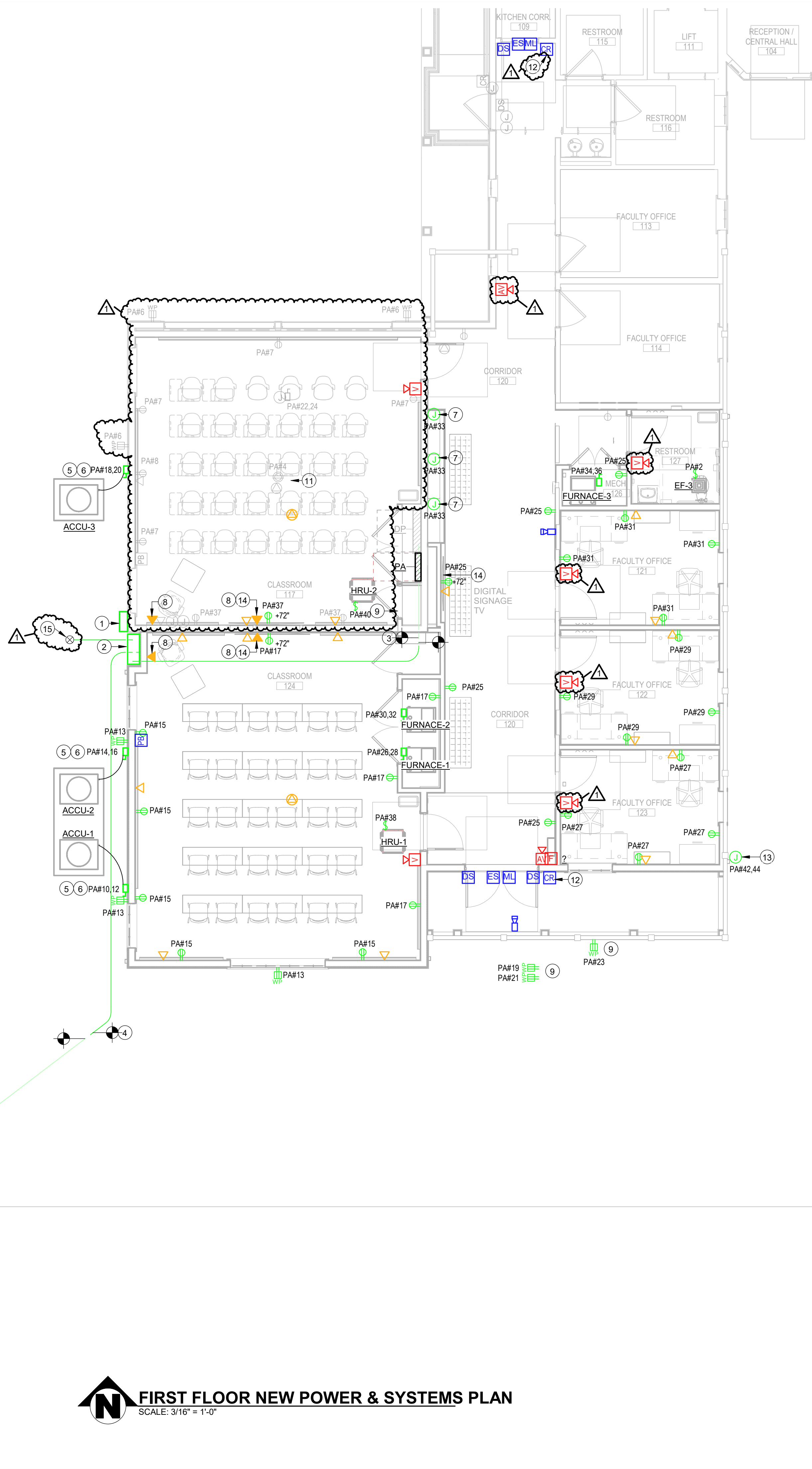
E302

GENERAL NOTES:

- REFER TO SHEET E001 FOR GENERAL NOTES, SYMBOLS AND ABBREVIATIONS.
- COORDINATE NEW CONNECTION SWITCH-OVER WITH OWNER PRIOR TO PERFORMING WORK.
- NEW DATA WIRING TO BE CAT6, ROUTED TO DATA RACK IN BASEMENT. REFER TO SHEET E100 OR E300 FOR LOCATION INFORMATION.
- REFER TO SHEET E102 FOR EXISTING CONDUIT #S.

PLAN NOTES:

- PRIOR TO REMOVAL OF OLD METER BASE, INSTALL NEW METER BASE AT NEW METERING LOCATION. COORDINATE WITH AEP FOR CORRECT METER BASE TO INSTALL. METER ITSELF TO BE INSTALLED BY AEP.
- PROVIDE NEW CT CABINET WITH NEW BUILDING GROUND BUS BAR. CONNECT TO GROUND BUS IN DP PRIOR TO REMOVAL OF OLD BUS BAR.
- INTERCEPT OLD CONDUIT FROM CT CABINET TO DP. CONNECT TO NEW CT CABINET LOCATION. (2) PARALLEL SETS OF (3) #350 KCMIL & #1 GND. 2-1/2" C.
- INTERCEPT OLD CONDUIT FROM TRANSFORMER TO CT CABINET. PROVIDE NEW CONDUIT TO NEW METER LOCATION, 5" GRC. UTILITY TO PROVIDE WIRE.
- (2) #10 & #10 GND.
- PROVIDE 30A, HEAVY DUTY, NON-FUSED DISCONNECT. DISPLAY CASE CONNECTION FOR POWER AND LIGHTING.
- PROVIDE NEW 2" CONDUIT RACEWAY AND ROUGH-INS FOR A/V BETWEEN THESE TWO POINTS.
- REFER TO LANDSCAPING PLAN L600 FOR LOCATION OF RECEPTACLES IN STAIRS AND RAMP.
- NOT USED
- NEW 2" CONDUIT ROUTED FROM MASTER AV CONTROLS TO PROJECTOR LOCATION.
- PROVIDE NEW CARD READER AT THIS LOCATION, AND ANOTHER AT THE FRONT DOOR.
- OUTDOOR RATED POWER UNICHOX FOR OUTDOOR A/V. PROVIDE NON-NEMA 250V 2-POLE 3-WIRE 50A PLUG. CS8269 WITH (3) #8'S AND #10 GND. 3/4" C. GRC.
- PROVIDE SINGLE GANG BOXES AND RACEWAY FOR POWER AND DATA IN ADDITION TO THE 2" RACEWAY FOR A/V. USE 1-1/2" RACEWAY FOR THE DATA, AND 1" FOR POWER CONNECTIONS.
- PROVIDE NEW GROUND ROD 3/4"x10" BURIED 18" BARE 4/0 COPPER BETWEEN BUILDING GROUND BUS AND NEW GROUND ROD.



FIRST FLOOR NEW POWER & SYSTEMS PLAN
SCALE: 3/16" = 1'-0"

A
B



LIGHTING FIXTURE SCHEDULE

NOTES:
1. PROVIDE ALLOWANCE OF \$2,000 PER FIXTURE, FIXTURE MUST BE APPROVED BY ARCHITECT AND OWNER. PROVIDE CUTSHEET TO ARCH AND OWNER FOR APPROVAL, AS WELL AS TO ENGINEER.
2. SELECTABLE COLOR TEMPERATURE
3. SELECTABLE LUMENS
4. WET LOCATION RATED.

TYPE TAG	DESCRIPTION	MOUNTING	LAMPS				MANUFACTURERS	NOTES
			TYPE	LUMENS	TEMPERATURE	WATTS		
F1	2x2' FLAT PANEL	LAY-IN GRID	LED	3,500 lm	3,500 K	30 W	COLUMBIA - CBT LSCS LITHONIA - CPANL METALUX - CGTS CREE - C-Lite C-TR-C-FP22	2, 3
F2	1'x4' FLAT PANEL	RECESSED / DRYWALL	LED	3,000 lm	3,500 K	25 W	COLUMBIA - CBT LSCS LITHONIA - CPANL METALUX - CGTS CREE - C-Lite C-TR-C-FP14	2, 3
F3	4" ROUND DOWN LIGHT, MEDIUM-WIDE DISTRIBUTION, MATTE-DIFFUSE	RECESSED	LED	1,500 lm	3,500 K	12 W	GOTHAM EVO4, GRAFFITI GRO, ALPHABET MURD4, HALO	3, 4
F4	STRIP / UTILITY LIGHT WET LOCATION RATED	SURFACE	LED	5,000 lm	3,500 K	40 W	METALUX SNX, METALUX SLSTP, COLUMBIA CSL4-LSCS, LITHONIA CSS, CREE C-STRIP B-LIN	4
F5	OPAL MATTE BOWL, WITH SOLID METAL RINGS AND FINS, BRUSHED BRASS OR DARK BRONZE FINISH.	PENDANT OR CHANDELIER	LED	6,000 lm	3,500 K	75 W	SCOTT ARCH LIGHTING - S2435 SERIES - CROSSBOW	1
FX	EXIT SIGN, BRUSHED ALUMINUM FINISH, RED LETTERING, SELF-DIAGNOSTIC AND INTERNAL BATTERY	UNIVERSAL	LED	0 lm	0 K	3 W	DUAL-LITE SE SERIES, LITHONIA EQUAL, SURE-LITE EQUAL, MULE LIGHTING EQUAL	
L1	LIGHT POLE, 10FT HIGH TOTAL, SINGLE HEAD, TYPE 5 DIST	POLE	LED	4,500 lm	3,500 K	79 W	ASHBERY AP-10-A1 POLE WITH AP201-SO-35K-TS-FRS HEAD OR EQUAL APPROVED BY ARCH, LANDSCAPE AND ENGR	

SWITCHBOARD SCHEDULE

Panel Name: DP		New/Exist: EXIST	Location: ELEC. 118		Project Name: BSU HONORS HOUSE						
SPD: YES* (phases A & C)		Main: MLO	Mounting: WALL - BOTTOM FED		Project Number: 24118						
Voltage: 120/240 Single		Amp: 600 A	Kaic Rating: 10 KAIC		Date: 26 AUGUST 2024						
Feed From: UTIL XFMR		Enclosure: SGD I-LINE HCP	Feeder: (2) SETS: (3) #350 & #1G....		Applied Engineering Services (317) 810-4141						
Ckt	Load Name	Pole	Frame	Trip	Type	Basis of Design	Lights	Receptacle...	Heating	Motor	Other
1	PA**	2	200 A	200 A	Sq [D]	Type LA (adj INST) - 42kaic PowerPact Type QD - 10kaic Type FH - 65kaic Type FH - 65kaic	2 kVA	10 kVA		0 kVA	0 VA
2	PB	2	400 A	400 A	Sq [D]						
3	PC-1 & PC-2	2	200 A	200 A	Sq [D]			1 kVA			
4	Spare	2	100 A	100 A	Sq [D]						
5	Spare	2	100 A	100 A	Sq [D]						
6	Space	2	--	--							
7	Space	2	--	--							
8	Space	2	--	--							
9	SPD*	2	60 A	60 A	Sq [D]	Type FC - 100kaic					
10	MAIN BREAKER	2	600 A	600 A	Sq [D]	Type LC - 100kaic					
Sub-Total in KVA:							2 kVA	10 kVA		0 kVA	0 VA
		Connected KVA	Demand Factor	Demand KVA	Trip Type	Trip Unit Description	Note:				
Lighting Load (KVA)		2	100	2		Molded Case with Fixed Trip Unit	* SPD breaker was turned off				
Receptacle Load (KVA)		10	98	10	LI	Molded Case with Electronic Trip Unit (LI)	** PROVIDE NEW BREAKER,				
Heating Load (KVA)					LSI	Molded Case with Electronic Trip Unit (LSI)	WITH ADJUSTBLE INSTANTAEOUS				
Motor Load (KVA)		0	125	0	LSIG	Molded Case with Electronic Trip Unit (LSIG)					
Other Load (KVA)		0	Not Computed	0							
Total Load (KVA)		13	98	13							

NEW PANELBOARD SCHEDULE

Branch Panel Name: PA			New/Exist: NEW	Location: ELEC. 118	Project Name: BSU HONORS HOUSE									
SPD: NO			Main: MLO	Mounting: Surface	Project No. 24118									
Voltage: 120/240 Single			Amp: 250 A	Kaic Rating: 22 KAIC	Date: 26 AUGUST 2024									
Feed From: DP			Enclosure: Type 1	Feeder: (3#4/0 & #6 GND)	Applied Engineering Services (317) 810-4141									
Ckt	Load Name	Pole	Rating	Type	Load Classification	A	B	Load Classification	Type	Rating	Pole	Load Name	Ckt	
1	Lighting CLASSROOM 117	1	20 A	Lighting	0.40	0.10		Other; Motor		20 A	1	EF-3	2	
3	Lighting CLASSROOM 124	1	20 A	Lighting			0.40	0.18	Receptacle		20 A	1	Receptacle - Projector	4
5	Lighting Offices 122, 123, 114, 113, 121	1	20 A	Lighting	0.50	0.54			Receptacle		20 A	1	Receptacles - Exterior	6
7	Receptacles - Room 117	1	20 A	Receptacle			0.72	0.18	Receptacle		20 A	1	Receptacle - Center of West Wall	8
9	Lighting Crawlspace	1	20 A	Lighting	0.36	0.00			Other		25 A	2	ACCU-1	10,12
11	Lighting Room 120, 126, 127, EXTERIOR	1	20 A	Lighting			0.45	0.00	--	--	--	--	--	
13	Receptacle	1	20 A	Receptacle	0.54	0.00			Other		25 A	2	ACCU-2	14,16
15	Receptacle CLASSROOM 124	1	20 A	Receptacle			0.90	0.00	--	--	--	--	--	
17	Receptacle Room 124, 126	1	20 A	Receptacle	0.72	0.00			Other		25 A	2	ACCU-3	18,20
19	Receptacle S. EXTERIOR	1	20 A	Receptacle			0.18	0.00	--	--	--	--	--	
21	Receptacle S. EXTERIOR	1	20 A	Receptacle	0.18	0.00			Other		30 A	2	UH-1	22,24
23	Receptacle S. EXTERIOR	1	20 A	Receptacle			0.18	0.00	--	--	--	--	--	
25	Receptacle CORRIDOR 120, MECH 126	1	20 A	Receptacle	0.90	0.00			Other		20 A	2	FURNACE-1	26,28
27	Receptacle FACULTY OFFICE 123	1	20 A	Receptacle			0.72	0.00	--	--	--	--	--	
29	Receptacle FACULTY OFFICE 122	1	20 A	Receptacle	0.72	0.00			Other		20 A	2	FURNACE-2	30,32
31	Receptacle FACULTY OFFICE 121	1	20 A	Receptacle			0.72	0.00	--	--	--	--	--	
33	Receptacle DISPLAY CASE	1	20 A	Receptacle	1.50	0.00			Other		20 A	2	FURNACE-3	34,36
35	Lighting EXTERIOR	1	20 A	Lighting			0.15	0.00	--	--	--	--	--	
37	Receptacle CLASSROOM 117	1	20 A	Receptacle	0.54	0.00			Other		20 A	1	HRU-1	38
39	Spare	1	20 A	--			0.00	0.00	Other		20 A	1	HRU-2	40
41	Spare	1	20 A	--	0.00	0.25			Receptacle	GFCI	50 A	2	EXTERIOR LUNCHBOX (note 1)	42,44
43	Spare	1	20 A	--			0.00	0.25	--	--	--	--	--	
45	Spare	1	20 A	--	0.00	0.00			--	--	20 A	2	Spare	46,48
47	Spare	1	20 A	--			0.00	0.00	--	--	--	--	--	
49	Spare	1	20 A	--	0.00	0.00			--	--	25 A	2	Spare	50,52
51	Spare	1	20 A	--			0.00	0.00	--	--	--	--	--	
53	Spare	1	20 A	--	0.00	0.00			--	--	30 A	2	Spare	54,56
55	Spare	1	20 A	--			0.00	0.00	--	--	--	--	--	
57	Spare	1	20 A	--	0.00	0.00			GFCI	50 A	2	Spare	58,60	
59	Spare	1	20 A	--			0.00	0.00	--	--	--	--	--	
					7.25 kVA	5.0 kVA								
Lighting Load (KVA)		Connected KVA		Demand Factor		Demand KVA		Trip Unit Description		Notes:				
Receptacle Load (KVA)		2.26		1.00		2.26		Molded Case with Fixed Trip Unit		1. PROVIDE EXTERNAL SPD MOUNTED ON WALL.				
Heating Load (KVA)		9.92		NEC		9.92		Molded Case with Electronic Trip Unit (LI)		NEAR PANELBOARD.				
Motor Load (KVA)		0.10		1.25		0.13		Molded Case with Electronic Trip iUnit (LSI)						
Other Load (KVA)		0.00		Not Computed		0.00								
Total Load (KVA)		12.28				12.30								

PANELBOARD SCHEDULE

Branch Panel Name:		PC-2		New/Exist:		EXIST		Location:		Basement 001		Project Name:		BSU HONORS HOUSE		
SPD:		NO		Main:		MLO		Mounting:		Surface		Project No.		24118		
Voltage:		120/240 Single		Amp:		200 A		Kaic Rating:		22 KAIC		Date		26 AUGUST 2024		
Feed From:		PC-1		Enclosure:		Type 1		Feeder:				Applied Engineering Services (317) 810-4141				
Ckt	Load Name			Pole	Rating	Type	Load Classification	A (KVA)		B (KVA)	Load Classification	Type	Rating	Pole	Load Name	Ckt
43	Spare			1	20 A		--	0.00	0.00		--		20 A	1	Spare	44
45	Spare			1	20 A		--			0.00	0.00		20 A	1	Spare	46
47	Spare			1	20 A		--	0.00	0.00		--		20 A	1	Spare	48
49	Spare			1	20 A		--			0.00	0.00		20 A	1	Spare	50
51	Spare			1	20 A		--	0.00	0.00		--		20 A	1	Spare	52
53	Spare			1	20 A		--			0.00	0.00		20 A	1	Spare	54
55	Spare			1	20 A		--	0.00	0.00		--		20 A	1	Spare	56
57	Spare			1	20 A		--			0.00	0.00		20 A	1	Spare	58
59	Spare			1	20 A		--	0.00	0.00		--		20 A	1	Spare	60
61	Spare			1	20 A		--			0.00	0.00		20 A	1	Spare	62
63	Spare			1	20 A		--	0.00	0.00		--		20 A	1	Spare	64
65	Spare			1	20 A		--			0.00	0.00		20 A	1	Spare	66
67	Spare			1	20 A		--	0.00	0.00		--		20 A	1	Spare	68
69	UPS SYSTEM			1	20 A		--			0.00	0.00		20 A	1	LIGHTING INVERTER	70
71	Spare			1	20 A		--	0.00	0.00		--		50 A	2	Range	72,74
73	Spare			1	20 A		--			0.00	0.00		--	--	--	
75	Spare			1	20 A		--	0.00	0.00		--		50 A	2	Range	76,78
77	Spare			1	20 A		--			0.00	0.00		--	--	--	
79	Spare			1	20 A		--	0.00	0.00		--		20 A	1	Spare	80
81,83	OUTSIDE LIGHTS ON MARTIN ST.			2	20 A		--			0.00	0.00		20 A	1	Spare	82
--	--			--	--	--	--	0.00	0.00		--		20 A	1	Spare	84
								0.00 kVA	0.0 kVA							
Lighting Load (KVA)		Connected KVA		Demand Factor		Demand KVA		Trip Unit Description		Notes:						
Receptacle Load (KVA)				NEC				Molded Case with Fixed Trip Unit								
Heating Load (KVA)								Molded Case with Electronic Trip Unit (LI)								
Motor Load (KVA)								Molded Case with Electronic Trip iUnit (LSI)								
Other Load (KVA)																
Total Load (KVA)		0.00				0.00										

PANELBOARD SCHEDULE

Branch Panel Name: PB		New/Exist: EXIST		Location: Basement 001		Project Name: BSU HONORS HOUSE							
SPD: NO		Main: MLO		Mounting: Surface		Project No. 24118							
Voltage: 120/240 Single		Amp: 400 A		Kaic Rating:		Date: 26 AUGUST 2024							
Feed From: DP		Enclosure: Type 1		Feeder:		Applied Engineering Services (317) 810-4141							
Ckt	Load Name	Pole	Rating	Type	Load Classification	A (KVA)	B (KVA)	Load Classification	Type	Rating	Pole	Load Name	Ckt
1,3	ACCU-1	2	20 A	--	--	0.00 0.00		--	--	20 A	2	ACCU-3	2,4
		--	--	--	--		0.00 0.00	--	--	20 A	--		
5,7	ACCU-2	2	20 A	--	--	0.00 0.00		--	--	20 A	1	Spare	6
		--	--	--	--		0.00 0.00	--	--	20 A	2	Spare	8,10
9	Spare	1	20 A	--	--	0.00 0.00		--	--	--	--		
11	Spare	1	20 A	--	--		0.00 0.00	--	--	20 A	1	Spare	12
13	Spare	1	20 A	--	--	0.00 0.00		--	--	20 A	2	ACCU-4	14,16
15	Spare	1	20 A	--	--		0.00 0.00	--	--	--	--		
17,19	ACCU-5	2	20 A	--	--	0.00 0.00		--	--	20 A	1	Spare	18
		--	--	--	--		0.00 0.00	--	--	20 A	1	Spare	20
21	Spare	1	20 A	--	--	0.00 0.00		--	--	20 A	2	UH-1	22,24
23	Spare	1	20 A	--	--		0.00 0.00	--	--	--	--		
25	Spare	1	20 A	--	--	0.00 0.00		--	--	20 A	1	Spare	26
27	Spare	1	20 A	--	--		0.00 0.00	--	--	20 A	1	Spare	28
29,31	UH-1	2	20 A	--	--	0.00 0.00		--	--	20 A	2	UH-1	30,32
		--	--	--	--		0.00 0.00	--	--	--	--		
33,35	UH-1	2	20 A	--	--	0.00 0.00		--	--	20 A	1	Spare	34
		--	--	--	--		0.00 0.00	--	--	20 A	1	Spare	36
37,39	SE-1	2	20 A	--	--	0.00 0.00		--	--	20 A	2	UH-1	38,40
		--	--	--	--		0.00 0.00	--	--	--	--		
41	Spare	1	20 A	--	--	0.00 0.00		--	--	--	1	Space	42
						0.00 KVA	0.0 KVA						
Lighting Load (KVA)		Connected KVA	Demand Factor	Demand KVA		Trip Unit Description		Notes:					
Receptacle Load (KVA)			NEC			Molded Case with Fixed Trip Unit							
Heating Load (KVA)						Molded Case with Electronic Trip Unit (LI)							
Motor Load (KVA)						Molded Case with Electronic Trip iUnit (LSI)							
Other Load (KVA)													
Total Load (KVA)		0.00		0.00									

AGENDA

Ball Honors House Addition
Ball State University
BSU Project No. 2024-009.01 BA
September 12, 2024

I. Project Team

- A. Owner's Representative(s):
- | | | | |
|------------------|------------------------------|---------------|---|
| Greg Graham, | Facilities Planning & Mgmt., | 765-285-2828, | email: ggraham@bsu.edu |
| Susan Johnson, | Facilities Planning & Mgmt., | 765-285-2834, | email: sjohnson@bsu.edu |
| Stephanie Dodds, | Facilities Planning & Mgmt., | 765-285-5639, | email: stephanie.dodds@bsu.edu |
| Ryan Koenker, | Facilities Planning & Mgmt., | 765-285-2821, | email: rkoenker@bsu.edu |
| Robert Ramey, | Facilities Planning & Mgmt., | 765-285-2835, | email: reramey2@bsu.edu |
| June Sanders, | Purchasing, | 765-285-1548, | email: jasanders3@bsu.edu |
- A. Consultant's Representative(s):
- | | | | |
|-------------------|--------------------------|---------------|---|
| Mike Engledow, | arcDESIGN, | 317-951-9192, | email: mengledow@arcDESIGN.US |
| Josh Stowers, | arcDESIGN, | 317-951-9192, | email: jstowers@arcDESIGN.US |
| Roy Wagner, | Applied Engineering, | 317-810-4141, | email: rwagner@applied-e-s.com |
| Alyssa PrazEAU, | Context Landscape Arch. | 317-485-6912, | email: aprazuau@context-design.com |
| Clayton Springer, | JSP Consulting Engineer, | 317-617-4270, | email: cspringer@jpconsultingengineers.com |

II. Contract Documents: Project Manual and Drawings.

- A. Availability of Contract Documents.
- B. Interpretation of Contract Documents.
- C. Addenda.
- D. Substitutions.

III. Bidding Procedures.

- A. Bidding Date: **September 24, 2024 at 2:00 P.M. EDT**
Location: Purchasing Conference Room
Service & Stores Building
3401 N. Tillotson Avenue
Muncie, Indiana 47306
- B. Bidding Form and Other Documents.
- 1. Indiana Form 96 (Revised 2013).
 - a. Fill out Part II., Section I. Experience Questionnaire
 - b. Fill out Part II., Section II. Plan and Equipment Questionnaire.
 - c. Attach Part II., Section III. Contractor's Financial Statement.
 - d. Fill out Part II., Section IV. Contractors Non – Collusion Affidavit
 - e. Fill out Part II., Section V. Oath and Affirmation
 - 2. Bid Form Supplements, Document 00 43 00
 - Appendix A.
 - (1) Acknowledgment of Receipt of Addenda.
 - (2) Project Completion, *May 5, 2025*
 - Appendix B. Alternatives, *2 alternates*
 - Appendix C. Unit Prices, *n/a*
 - Appendix D. Principal Subcontractors
 - Appendix E. Supplementary General Construction Information
 - Appendix F. Supplementary Mechanical Information
 - Appendix G. Supplementary Electrical Information
 - Appendix H. Supplementary Telecommunications Information
 - 3. Representations and Certifications, Document 00 45 00
 - Appendix 1. Nondiscrimination Compliance Statement
 - Appendix 2. Contractors Certification of Self Performance
 - Appendix 3. Contractors Certification of Authorized Employment
 - Appendix 4. Contractors Certification of Training Program Compliance
 - Appendix 5. Drug Testing Plan

4. MBE/WBE/Veteran Participation Plan, Document 00 45 39
 MBE / WBE / Veteran Subcontractor Plan
 Documentation of Effort to Meet MBE / WBE / Veteran Participation
 MBE / WBE / Veteran Letter of Intent to Perform
5. Bid Security, Document 00 43 13.
6. Documents that must be submitted by the Awarded Contractor prior to mobilization.
 Section 00 61 00 – Bond Forms: AIA Document A312 - Performance Bond and Payment Bond
 Section 00 73 73 – Escrow Agreement: Owner will provide document after the award of the project.

IV. Scope of Project.

- A. Summary of Work.
- B. Project Schedule.
- C. Access to Project Area.
- D. Coordination with Other Projects.
- E. Coordination with Owner Occupancy.

V. Questions.

VI. Tour of Project Site.

End of Agenda

Ball State University
Facilities Planning & Management
Pre-Bid Conference

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Ball Honors House Addition
Ball State University
BSU Project No. 2024-009.01 BA
September 12, 2024

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