



**CENTRALBIDDING**  
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**Furnish Labor and Materials for Campus Wide Direct Digital HVAC  
Control System RFQ-0000002785**  
LAGC Plan Room - North

Project documents obtained from [www.CentralBidding.com](http://www.CentralBidding.com)  
12-May-2026 11:29:04 AM

# FURNISH LABOR AND MATERIALS FOR CAMPUS WIDE DIRECT DIGITAL HVAC CONTROL SYSTEM, ITEM 54 LOUISIANA STATE UNIVERSITY

## ALEXANDRIA, LOUISIANA

PROJECT NO. 01-107-24-05, F.01004604  
RFQ-0000002785

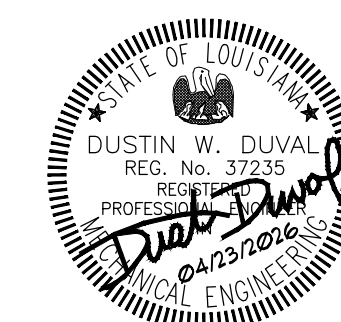
# BID DOCUMENTS



1304 BERTRAND DRIVE SUITE F7 LAFAYETTE, LA 70506  
13201 NORTHWEST FWY. STE 633, HOUSTON TX  
(337) 234-7474 \* FAX (337) 234-7774

Mechanical Contact: Dustin Duval  
dustin@meconsulting.com

Electrical Contact: Terry Kirsch  
terry@meconsulting.com

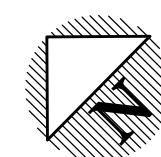
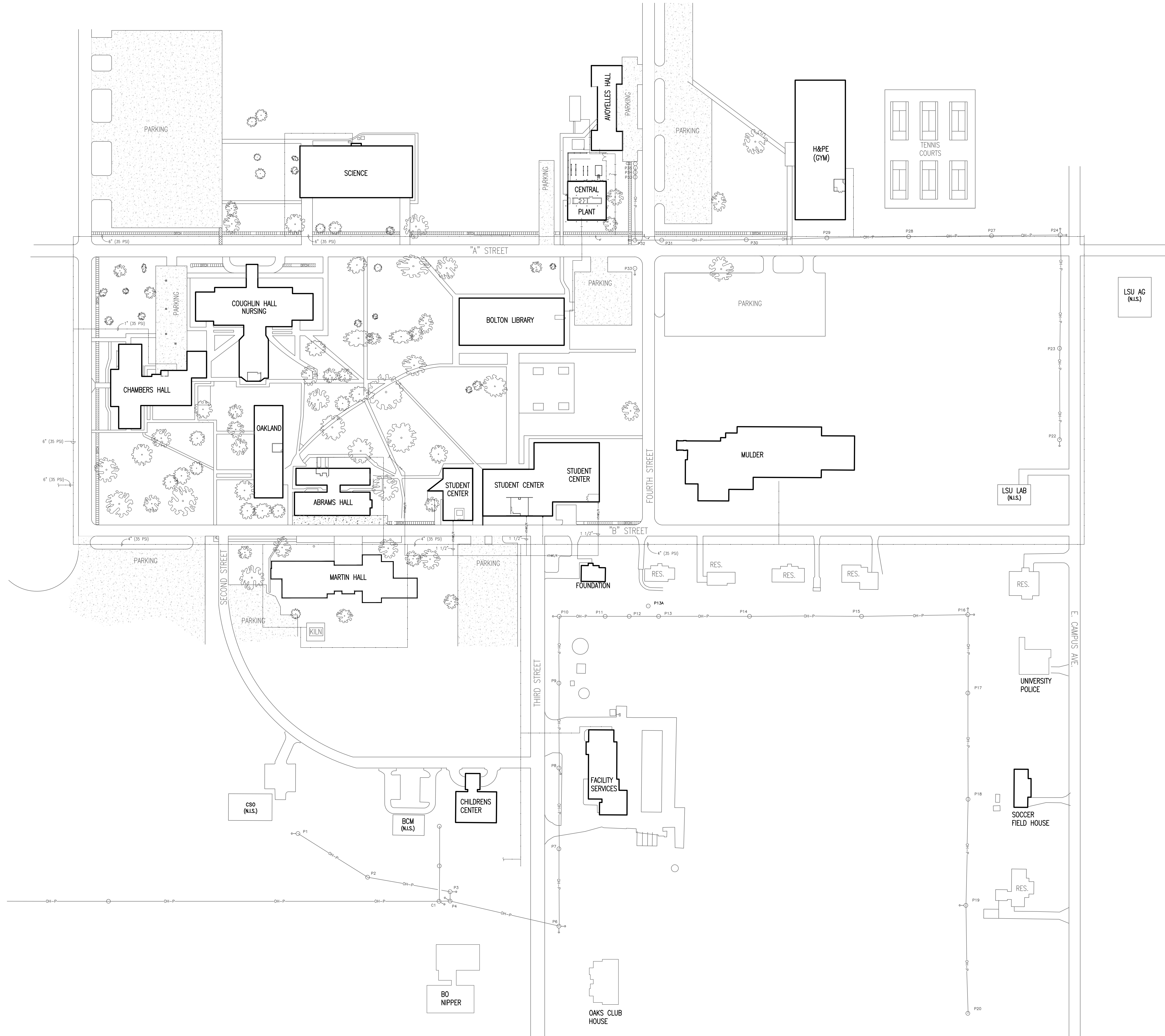


### DRAWING SHEET INDEX:

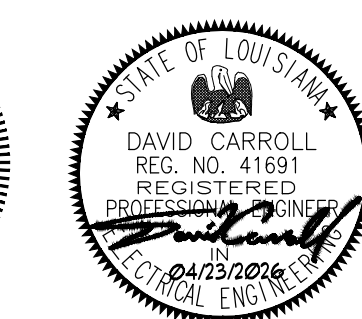
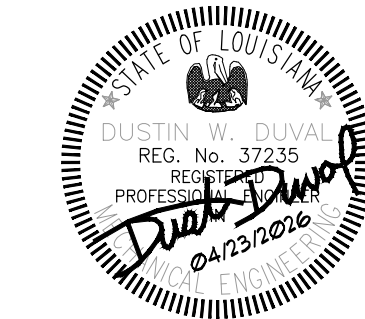
SHEET NO.	SHEET DESCRIPTION
T1	TITLE SHEET
MS1.1	OVERALL SITE PLAN
ME2.1	MECHANICAL AND ELECTRICAL PLAN (ABRAMS HALL)
ME3.1	MECHANICAL AND ELECTRICAL PLAN (BO NIPPER TECHNOLOGY CENTER)
ME4.1	MECHANICAL AND ELECTRICAL PLANS (BOLTON LIBRARY)
ME4.2	MECHANICAL AND ELECTRICAL PLAN (BOLTON LIBRARY)
ME5.1	MECHANICAL AND ELECTRICAL PLAN (CENTRAL PLANT)
ME6.1	MECHANICAL AND ELECTRICAL PLAN (CHAMBERS HALL)
ME7.1	MECHANICAL AND ELECTRICAL PLAN (CHILDREN'S CENTER)
ME8.1	MECHANICAL AND ELECTRICAL PLAN (COUGHLIN HALL)
ME8.2	MECHANICAL AND ELECTRICAL PLAN (COUGHLIN HALL)
ME8.3	MECHANICAL UNIT PRICE SCHEDULE (COUGHLIN HALL)
ME9.1	MECHANICAL AND ELECTRICAL PLAN (HEALTH & FITNESS CENTER)
ME9.2	MECHANICAL AND ELECTRICAL PLAN (HEALTH & FITNESS CENTER)
ME10.1	MECHANICAL AND ELECTRICAL PLAN (MULDER HALL)
ME10.2	MECHANICAL AND ELECTRICAL PLAN (MULDER HALL)
ME10.3	MECHANICAL AND ELECTRICAL PLAN (MULDER HALL)
ME11.1	MECHANICAL AND ELECTRICAL PLANS (OAKLAND HALL)
ME12.1	MECHANICAL AND ELECTRICAL PLAN (SCIENCE BUILDING)
ME12.2	MECHANICAL AND ELECTRICAL PLAN (SCIENCE BUILDING)
ME13.1	MECHANICAL AND ELECTRICAL PLAN (STUDENT UNION)
ME13.2	MECHANICAL AND ELECTRICAL PLAN (STUDENT UNION)
ME14.1	MECHANICAL AND ELECTRICAL PLAN (AVOYELLES HALL)
ME15.1	MECHANICAL AND ELECTRICAL PLAN (OAKS CLUB HOUSE & FACILITY SERVICES BUILDING)
ME16.1	MECHANICAL AND ELECTRICAL PLAN (SOCCER FIELDHOUSE, UNIVERSITY POLICE, AND FOUNDATION BUILDING)
ME17.1	MECHANICAL AND ELECTRICAL PLAN (MARTIN HALL)
ME18.1	CONTROL RISER DIAGRAMS

M&E PROJECT NO: 25050.00

FILE: I:\INFO\Users\jbrera\A:\D:\ACC\Docs\W and E Consulting L.L.C.\ME\_2505000 - LSUA - CAMPUS HVAC TEMP CONTROL\5. UPGRADE Project Files\Construction Documents\CADFiles\2505001T.dwg XREFS\FEDUSTIN.PEDAVID.MODIFIED: Apr 23, 2025 8:54am PLOTTED: Apr 23, 2025 9:56am 3199x914 PLOT SCALE: 1:1



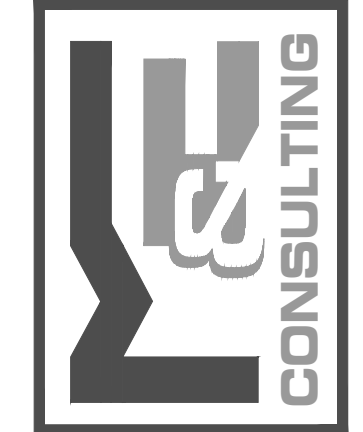
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NO SCALE:



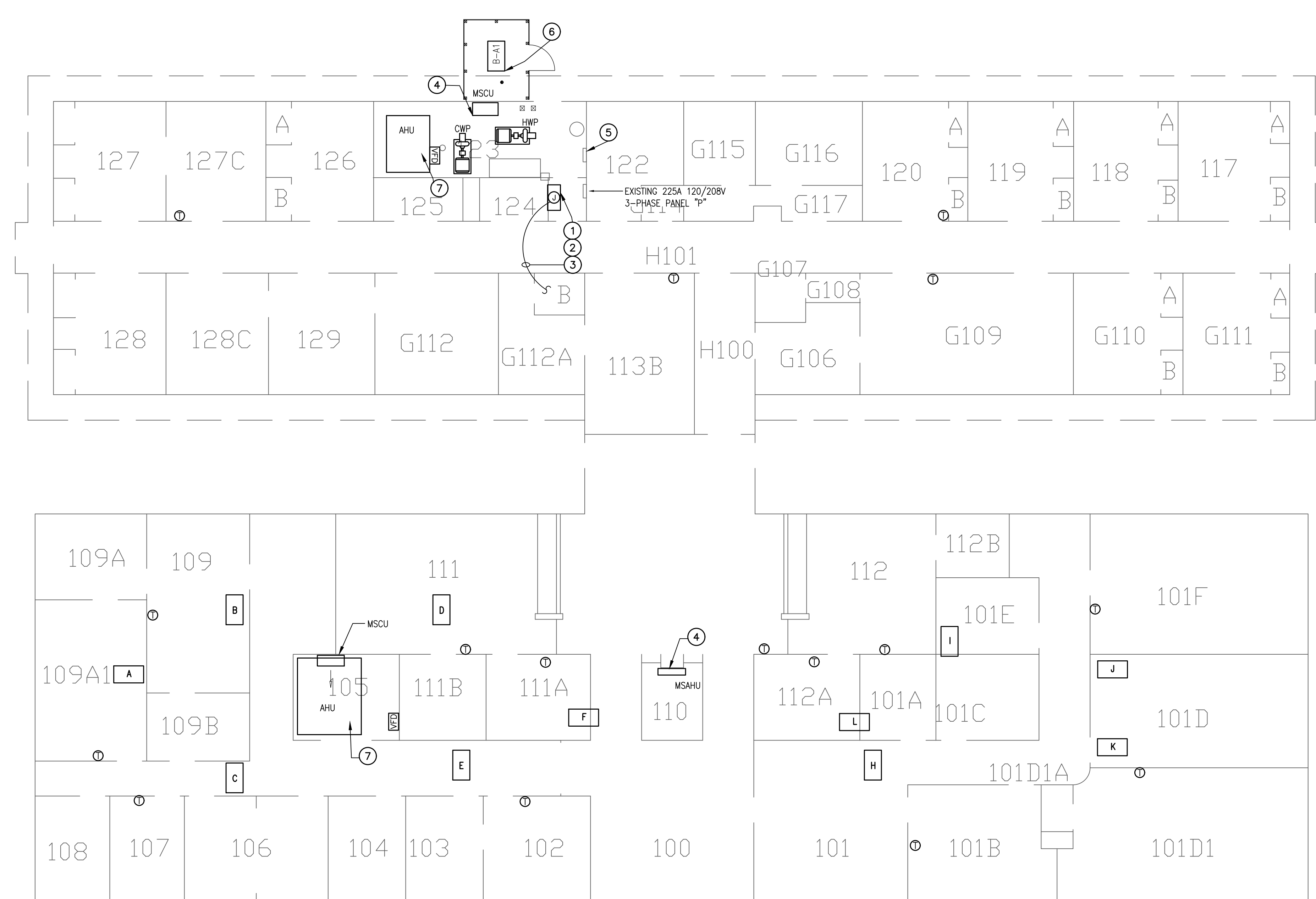
**FURNISH LABOR AND MATERIALS FOR CAMPUS WIDE  
DIRECT DIGITAL HVAC CONTROL SYSTEM,  
ITEM 54 LOUISIANA STATE UNIVERSITY  
ALEXANDRIA, LOUISIANA**

BID DOCUMENTS	
OVERALL SITE PLAN	
DATE ISSUED	APRIL 6, 2026
REVISED	
DRAWN BY	BDT
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PROJECT NO.	25050.00
SHEET NO.	MS1.1

1104 Bernard Dr. Suite F7, Lafayette, LA 70506  
13201 Northwest Blvd, Ste 633, Houston, TX  
(337)234-7474  
Mechanical Contact: Davis Doyal  
Email: ddoyal@mcconsulting.com  
Electrical Contact: Terry Kitch  
Email: terry@mcconsulting.com  
PROJECT NO.: 25050.00



M & E CONSULTING, INC. (337) 234-7474 25650 ME.1 (Abrams) 4.dwg DATE: AUG 25, 2025 TIME: 8:14 PM



**MECHANICAL and ELECTRICAL PLAN**  
SCALE: 1/8" = 1'-0"

**MECHANICAL/ELECTRICAL NOTES**

- ① PROVIDE AND INSTALL NEW D.D.C. CONTROL PANEL AND POINTS TO EXISTING AHU. INTERLOCK CONTROLS WITH THE NEW ENERGY MANAGEMENT SYSTEM SPECIFICATIONS.
- ② DISCONNECT ELECTRICAL ASSOCIATED WITH EXISTING CONTROL PANEL BEING REPLACED.
- ③ RECONNECT EXISTING ELECTRICAL PREVIOUSLY SERVING EXISTING CONTROL PANEL WITH 3#12 in 1/2" CONDUIT. COORDINATE OUTLET/DEVICE TYPE WITH PANEL PROVIDER. PROVIDE ADDITIONAL CONDUIT, WIRING, ETC. AS NEEDED.
- ④ PROVIDE MINI-SPLIT WITH NEW THERMOSTAT KIT. UNIT TO BE TIED INTO NEW DDC CONTROL SYSTEM.
- ⑤ EXISTING JACE TO REMAIN. TIE INTO NEW CONTROL SYSTEM.
- ⑥ PROVIDE AND INSTALL NEW D.D.C CONTROLLER FOR EXISTING BOILER. INTERLOCK CONTROLS WITH NEW ENERGY MANAGEMENT SYSTEM.
- ⑦ INSTALL NEW UNITARY CONTROLLER FOR EXISTING AHU. ADD IN POINTS TO AND TIE INTO NEW CONTROL SYSTEM.

1104 Riverwood Dr. Suite F7 Lafayette, LA 70506  
13201 Northwest Blvd. Ste 633 Houston, TX  
(337) 234-7474  
Mechanical Contact: Davis Daval  
Email: daval@meconsulting.com  
Electrical Contact: Terry Kisch  
Email: terry@meconsulting.com  
PROJECT NO.: 25050.00

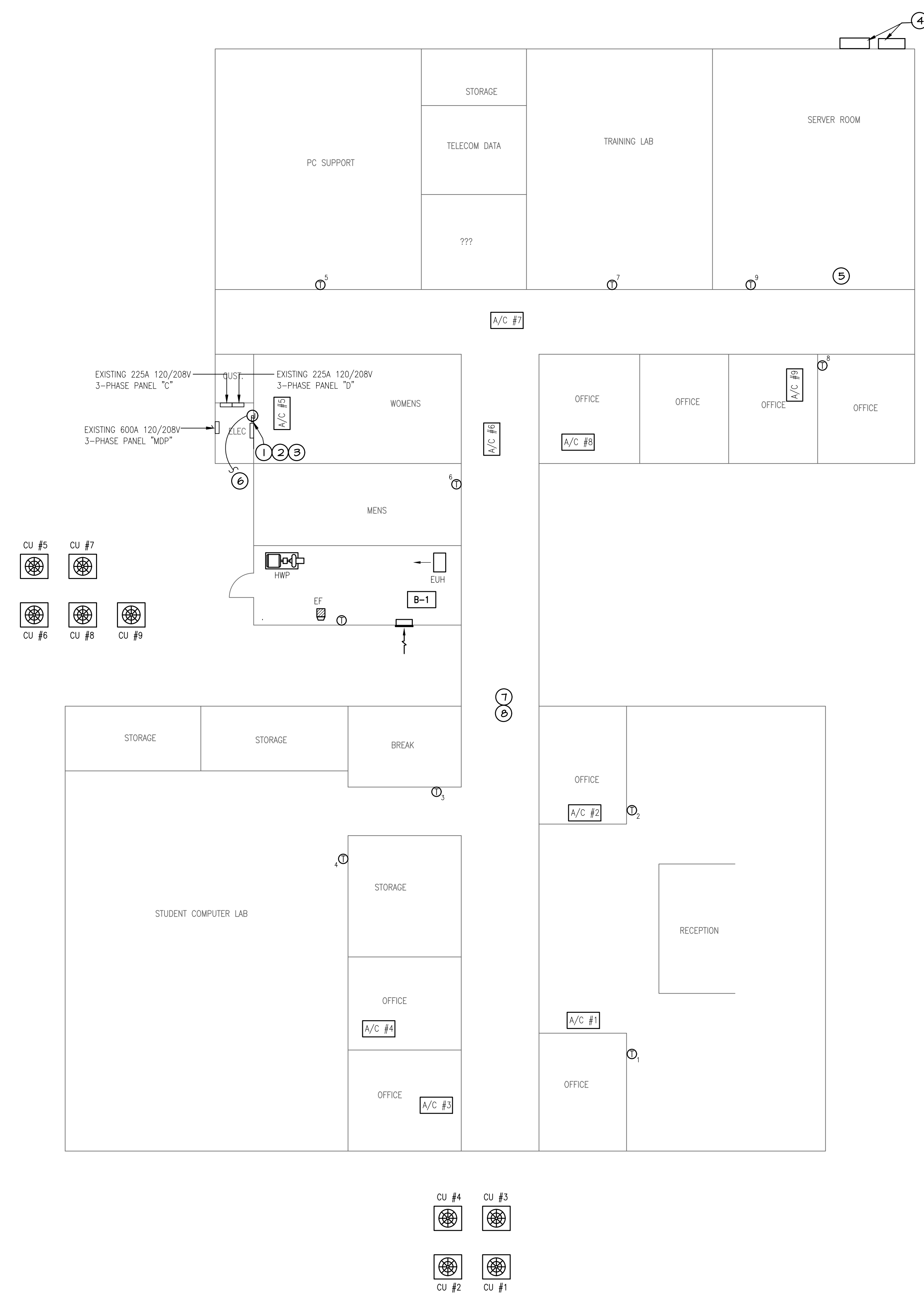


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PROJECT NO. 01-107-24-05, F-01004604

BID DOCUMENTS	
ABRAMS HALL	
DATE ISSUED	APRIL 6, 2026
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CHECKED BY	DD
PROJECT NO.	25050.00
SHEET NO.	ME2.1



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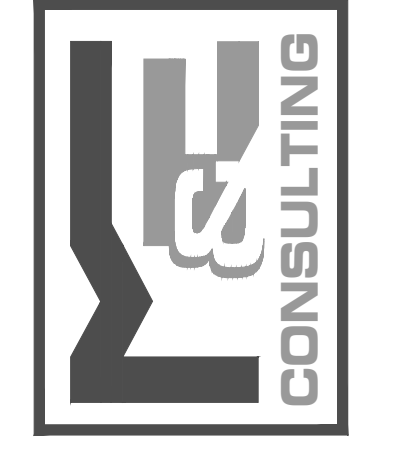


**MECHANICAL and ELECTRICAL PLAN**  
 SCALE: 1/8" = 1'-0"

**MECHANICAL/ELECTRICAL NOTES**

- ① REMOVE EXISTING JACE IN THIS VICINITY. PROVIDE AND INSTALL NEW JACE PANEL THIS VICINITY. INTERLOCK WITH NEW BUILDING CONTROLS PER SPECIFICATIONS. EXTEND AND CONNECT TO NEAREST AVAILABLE AND APPROVED ELECTRICAL SOURCE FOR POWER REQUIREMENTS.
- ② PROVIDE NEW UNITARY CONTROLLERS FOR DX UNITS. INTERLOCK WITH NEW BUILDING CONTROLS PER SPECIFICATIONS. EXTEND AND CONNECT TO NEAREST AVAILABLE AND APPROVED ELECTRICAL SOURCE FOR POWER REQUIREMENTS.
- ③ DISCONNECT ELECTRICAL ASSOCIATED WITH EXISTING CONTROL PANEL BEING REPLACED.
- ④ THRU WALL PACKAGED UNITS TO BE TIED INTO NEW CAMPUS CONTROL SYSTEM.
- ⑤ PROVIDE MINI-SPLITS IN THIS VICINITY WITH NEW THERMOSTAT KIT. UNIT TO BE TIED INTO NEW DDC CONTROL SYSTEM.
- ⑥ RECONNECT EXISTING ELECTRICAL PREVIOUSLY SERVING EXISTING CONTROL PANEL WITH 3#12 in 1/2" CONDUIT. COORDINATE OUTLET/DEVICE TYPE WITH PANEL PROVIDER. PROVIDE ADDITIONAL CONDUIT, WIRING, ETC. AS NEEDED.
- ⑦ REPLACE ALL OUTSIDE AIR ACTUATORS ON EACH DX UNIT. VERIFY LOCATION IN FIELD.
- ⑧ ADD: REPLACE ANY UNIT CONTROLLERS THAT ARE OUT OF SERVICE.

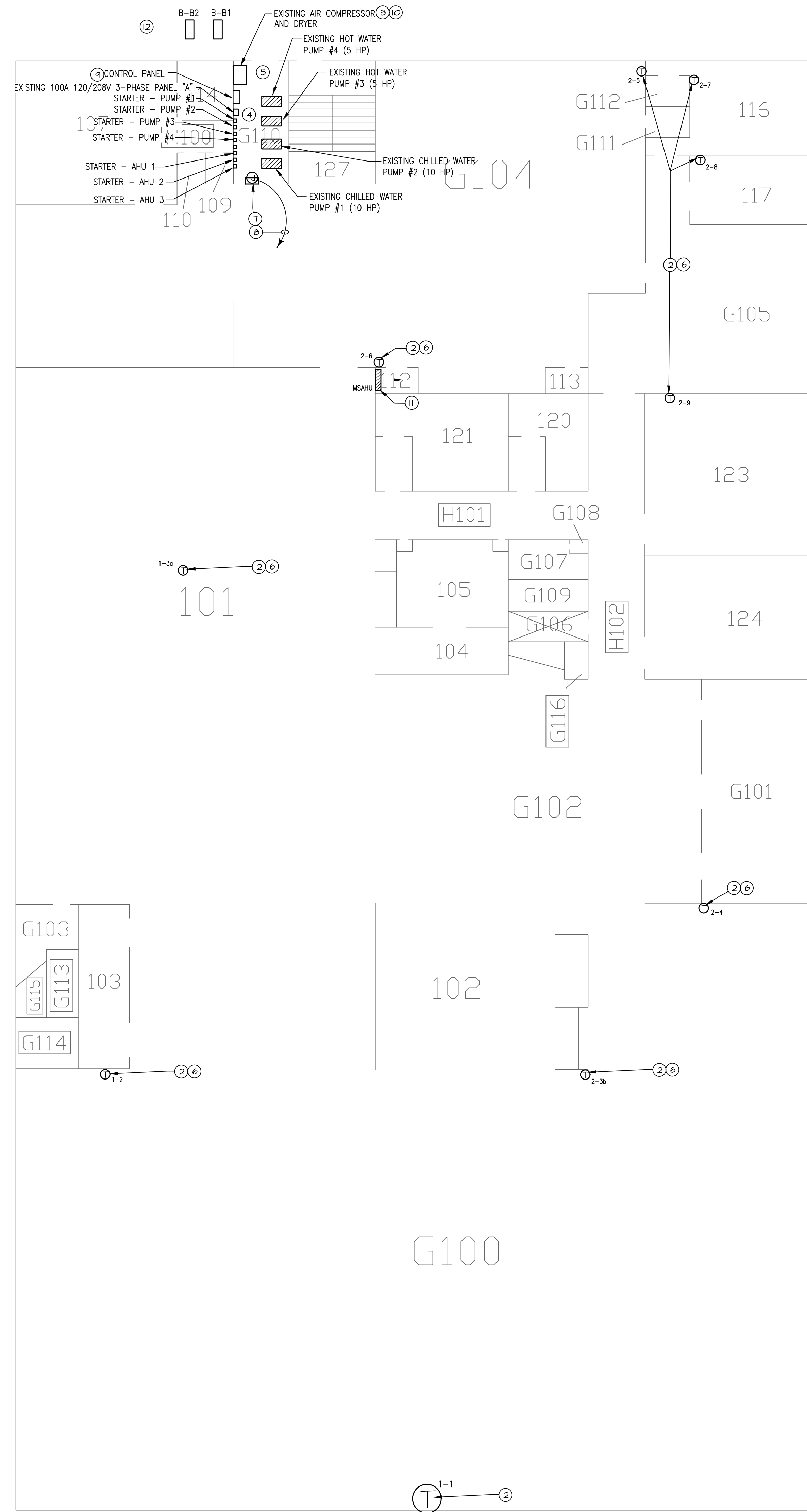
1104 Renford Dr. Suite F7 Lafayette, LA 70506  
 13201 Northwest Hwy. Ste 633 Houston, TX  
 (337)234-7474  
 Mechanical Contact: Davis Dzial  
 Email: ddd@meconsulting.com  
 Electrical Contact: Terry Kisch  
 Email: tk@meconsulting.com  
 PROJECT NO.: 25050.00



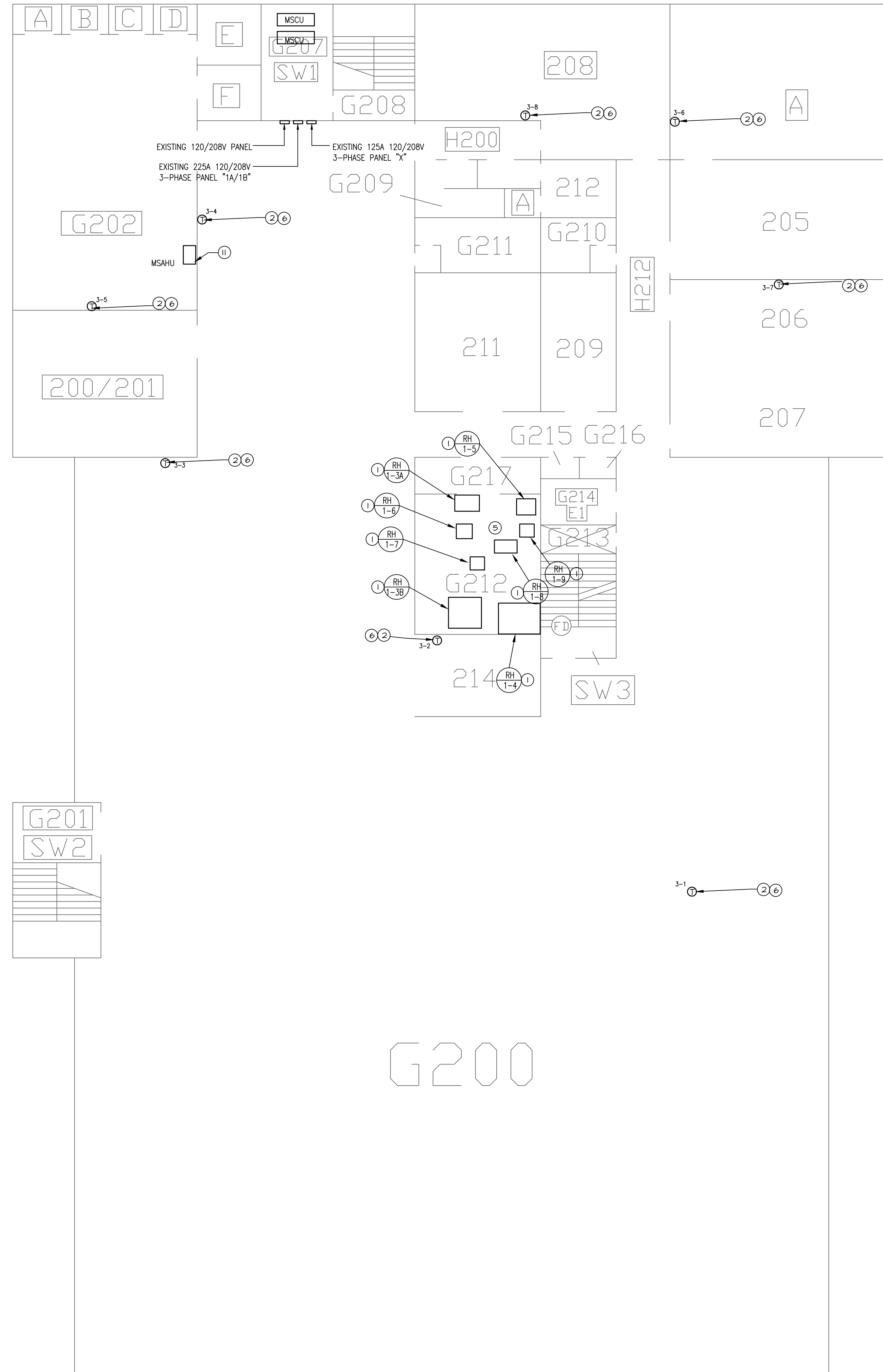
**FURNISH LABOR AND MATERIALS FOR CAMPUS WIDE  
 DIRECT DIGITAL HVAC CONTROL SYSTEM,  
 ITEM 54 LOUISIANA STATE UNIVERSITY  
 ALEXANDRIA, LOUISIANA**  
 PROJECT NO. 01-107-24-05, F.01004604

BID DOCUMENTS	
BO NIPPER	
DATE ISSUED	APRIL 6, 2026
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PROJECT NO.	25050.00
SHEET NO.	ME3.1



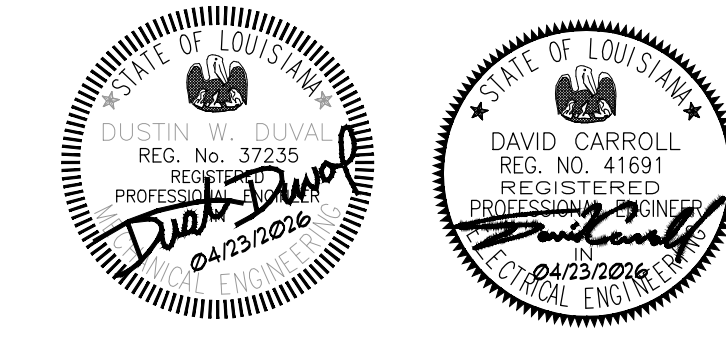


- MECHANICAL NOTES**
- ① PNEUMATIC CONTROL VALVES AND ALL ASSOCIATED AIR LINES TO BE REMOVED ON ALL HOT WATER COILS.
  - ② PNEUMATIC THERMOSTAT AND ASSOCIATED AIR LINES TO BE REMOVED. (TYPICAL FOR ALL PNEUMATIC THERMOSTATS).
  - ③ EXISTING PNEUMATIC AIR COMPRESSOR AND DRYER TO BE REMOVED. REMOVED ALL ASSOCIATED ACCESSORIES AND AIR LINES.
  - ④ PNEUMATIC CONTROL PANEL WITH ALL EXISTING AIR LINES TO BE REMOVED IN THEIR ENTIRETY.
  - ⑤ COORDINATE SHUTDOWN OF BUILDING HVAC SYSTEM WITH FACILITIES MANAGER.
  - ⑥ REPLACE EXISTING PNEUMATIC THERMOSTAT WITH NEW DDC THERMOSTAT PER SPECIFICATIONS. INTERLOCK NEW THERMOSTAT WITH NEW ENERGY MANAGEMENT SYSTEM AND EXISTING REHEAT COIL VALVE. TOUCH UP WALL TO MATCH EXISTING FINISH.
  - ⑦ PROVIDE AND INSTALL NEW JACE PANEL THIS VICINITY. INTERLOCK WITH NEW BUILDING CONTROLS PER SPECIFICATIONS.
  - ⑧ 1/2" CONDUIT WITH 3#12 TO A 20 SINGLE POLE BREAKER IN EXISTING ELECTRICAL GEAR IN THIS VICINITY. CONTRACTOR TO PROVIDE BREAKER VERIFY OUTLET DEVICE TYPE WITH PANEL PROVIDER. PROVIDE ADDITIONAL CONDUIT, WIRING, ETC. AS NEEDED.
  - ⑨ DISCONNECT ELECTRICAL ASSOCIATED WITH EXISTING CONTROL PANEL BEING REPLACED
  - ⑩ REMOVE ELECTRICAL ASSOCIATED WITH MECHANICAL EQUIPMENT BEING REMOVED BACK TO PLACE OF ORIGIN. BREAKER TO BECOME SPARE.
  - ⑪ PROVIDE MINI-SPLIT WITH NEW THERMOSTAT KIT. UNIT TO BE TIED INTO NEW DDC CONTROL SYSTEM.
  - ⑫ EXISTING BOILER TO BE INTEGRATED INTO NEW CONTROL SYSTEM.



**MECHANICAL and ELECTRICAL FIRST FLOOR PLAN**  
SCALE: 1" = 10'-0"

**MECHANICAL and ELECTRICAL SECOND FLOOR PLAN**  
SCALE: 1" = 10'-0"



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 ITEM 54 LOUISIANA STATE UNIVERSITY  
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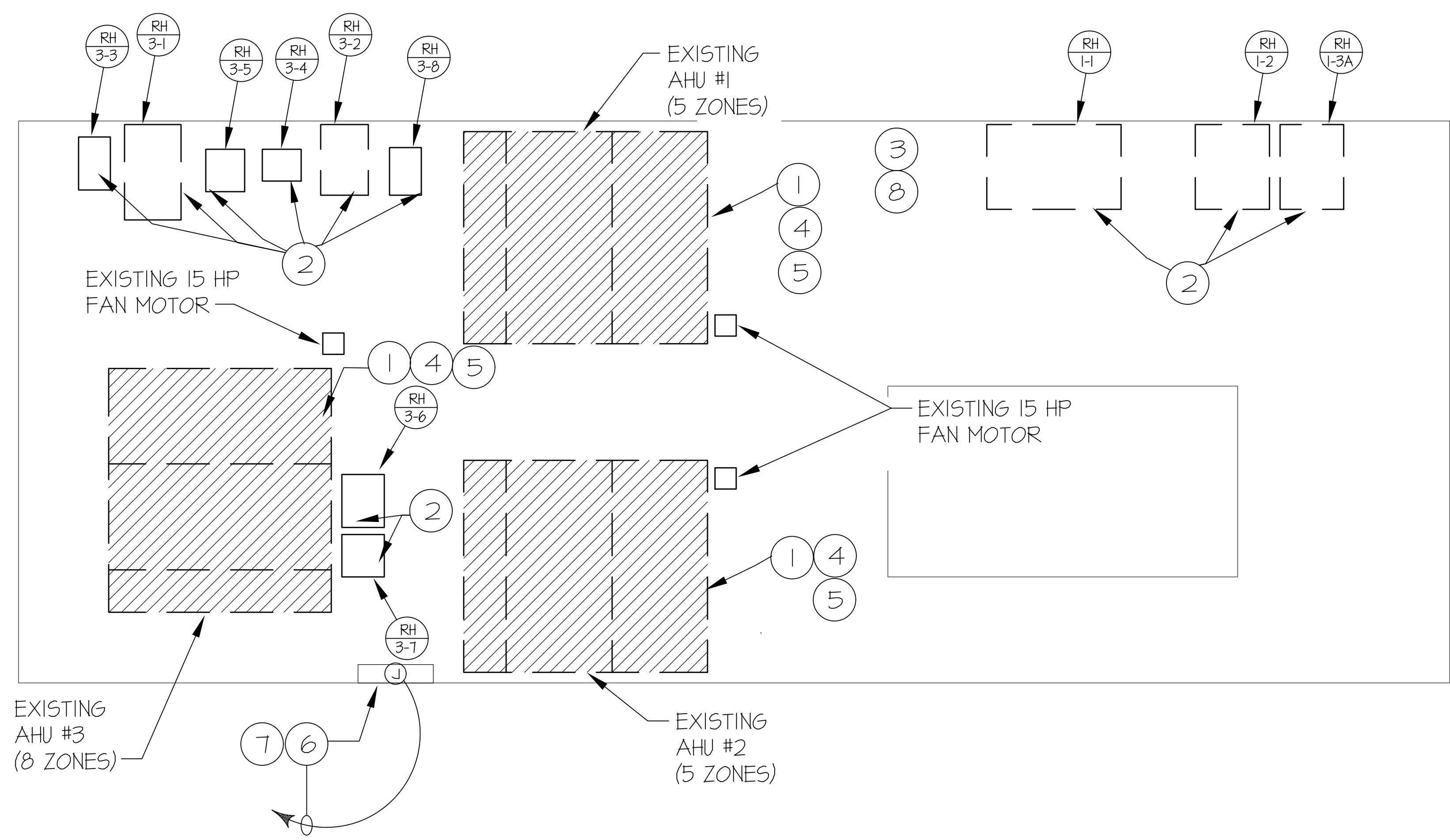
BID DOCUMENTS
BOLTON LIBRARY
DATE ISSUED: APRIL 6, 2026
REVISION:
DRAWN BY: BDT
CHECKED BY: DD
PROJECT NO.: 25050.00
SHEET NO.: ME4.1

1104 Bertrand Dr. Suite F7 Lafayette, LA 70506  
 13201 Northwest Blvd. Ste 633 Houston, TX  
 (337) 234-7474  
 Mechanical Contact: Davis Doyal  
 Email: ddoyal@meconline.com  
 Electrical Contact: Terry Kitch  
 Email: tkitch@meconline.com  
 PROJECT NO.: 25050.00



M & E CONSULTING, INC. (337) 234-7474 25050.ME.1 (Abrams).dwg DATE: AUG 25, 2025 TIME: 8:14 PM

M & E CONSULTING, INC. (337) 234-7474 25650 ME.1 (Abrams).dwg DATE: AUG 25, 2025 TIME: 8:14 PM

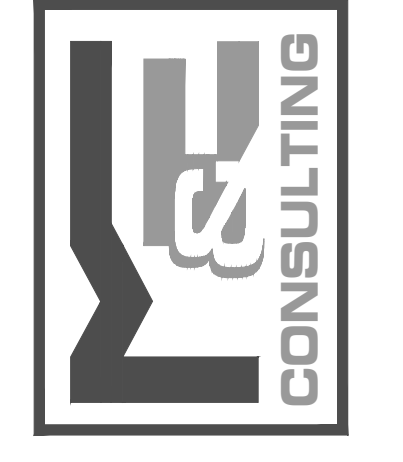


**MECHANICAL and ELECTRICAL PENTHOUSE PLAN**  
SCALE: 1/4" = 1'-0"

**MECHANICAL NOTES**

- ① PROVIDE AND INSTALL NEW D.D.C. CONTROL POINTS TO EXISTING AHU. INTERLOCK CONTROLS WITH THE NEW ENERGY MANAGEMENT SYSTEM SPECIFICATIONS. INSTALL NEW UNITARY CONTROLLER FOR EXISTING AHU.
- ② PNEUMATIC CONTROL VALVES AND ALL ASSOCIATED AIR LINES TO BE REMOVED ON ALL HOT WATER COILS.
- ③ PNEUMATIC CONTROL PANEL WITH ALL EXISTING AIR LINES TO BE REMOVED IN THEIR ENTIRETY.
- ④ EXISTING 3" PNEUMATIC CONTROL VALVES AND ALL ASSOCIATED AIR LINES TO BE REMOVED ON CHILL WATER COIL. REPLACE WITH NEW DDC CONTROL VALVE AND ACTUATOR.
- ⑤ EXISTING 1 1/4" PNEUMATIC CONTROL VALVES AND ALL ASSOCIATED AIR LINES TO BE REMOVED ON HOT WATER COIL. REPLACE WITH NEW DDC CONTROL VALVE AND ACTUATOR.
- ⑥ 1/2" CONDUIT WITH 3#12 TO NEAREST AVAILABLE 120 VOLT POWER CIRCUIT IN THIS SPACE. VERIFY OUTLET DEVICE TYPE WITH PANEL PROVIDER. PROVIDE ADDITIONAL CONDUIT, WIRING, ETC. AS NEEDED.
- ⑦ PROVIDE NEW CONTROL PANEL FOR UNITARY CONTROLLERS IN THIS VICINITY. EXTEND AND CONNECT TO NEAREST AVAILABLE AND APPROVED ELECTRICAL SOURCE FOR POWER REQUIREMENTS.
- ⑧ DISCONNECT ELECTRICAL ASSOCIATED WITH EXISTING CONTROL PANEL BEING REMOVED.

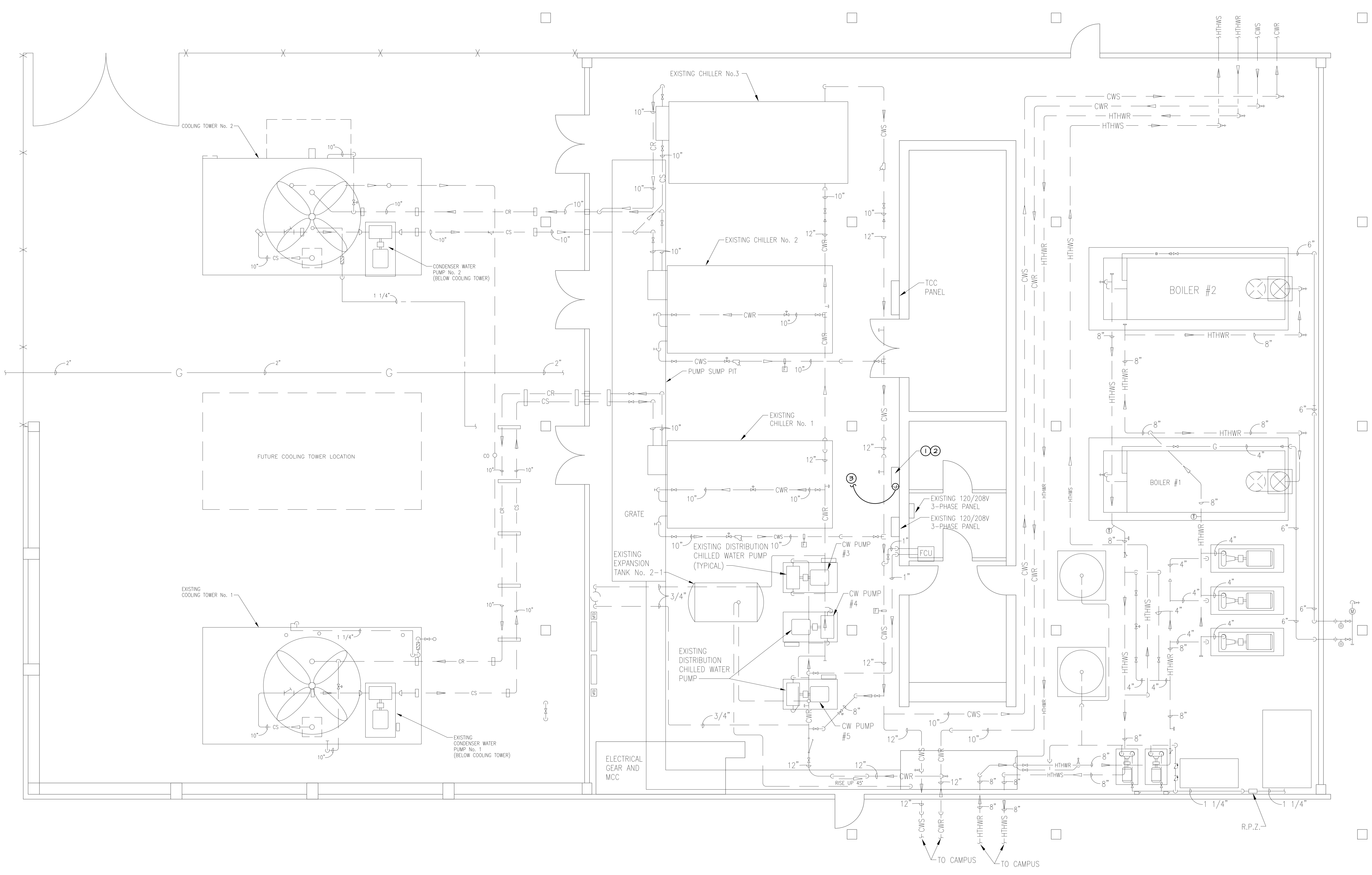
1104 Reverend Dr. Suite F7 Lafayette, LA 70506  
13201 Northwest Hwy. Ste 633 Houston, TX  
(337) 234-7474  
Mechanical Contact: Davis Daval  
Email: daval@meconsulting.com  
Electrical Contact: Terry Reich  
Email: terry@meconsulting.com  
PROJECT NO.: 25050.00



**FURNISH LABOR AND MATERIALS FOR CAMPUS WIDE  
DIRECT DIGITAL HVAC CONTROL SYSTEM,  
ITEM 54 LOUISIANA STATE UNIVERSITY  
ALEXANDRIA, LOUISIANA**  
PROJECT NO. 01-107-24-05, F.01004604

BID DOCUMENTS	
BOLTON LIBRARY	
DATE ISSUED	APRIL 6, 2026
REVISED	
DRAWN BY	BDT
CHECKED BY	DD
PROJECT NO.	25050.00
SHEET NO.	ME4.2





**MECHANICAL and ELECTRICAL PLAN**  
SCALE: 1/4" = 1'-0"

- MECHANICAL AND ELECTRICAL NOTES:**
- 1 REMOVE EXISTING JACE AND REPLACE WITH NEW JACE IN THIS VICINITY. NEW JACE TO BE BROUGHT INTO NEW CONTROL SYSTEM.
  - 2 DISCONNECT ELECTRICAL ASSOCIATED WITH EXISTING CONTROL PANEL BEING REMOVED.
  - 3 RECONNECT EXISTING ELECTRICAL PREVIOUSLY SERVING EXISTING CONTROL PANEL WITH 3#12 IN 1/2" CONDUIT. COORDINATE OUTLET/DEVICE TYPE WITH PANEL PROVIDER. PROVIDE ADDITIONAL CONDUIT, WIRING, ETC. AS NEEDED.



**FURNISH LABOR AND MATERIALS FOR CAMPUS WIDE  
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ITEM 54 LOUISIANA STATE UNIVERSITY  
ALEXANDRIA, LOUISIANA**

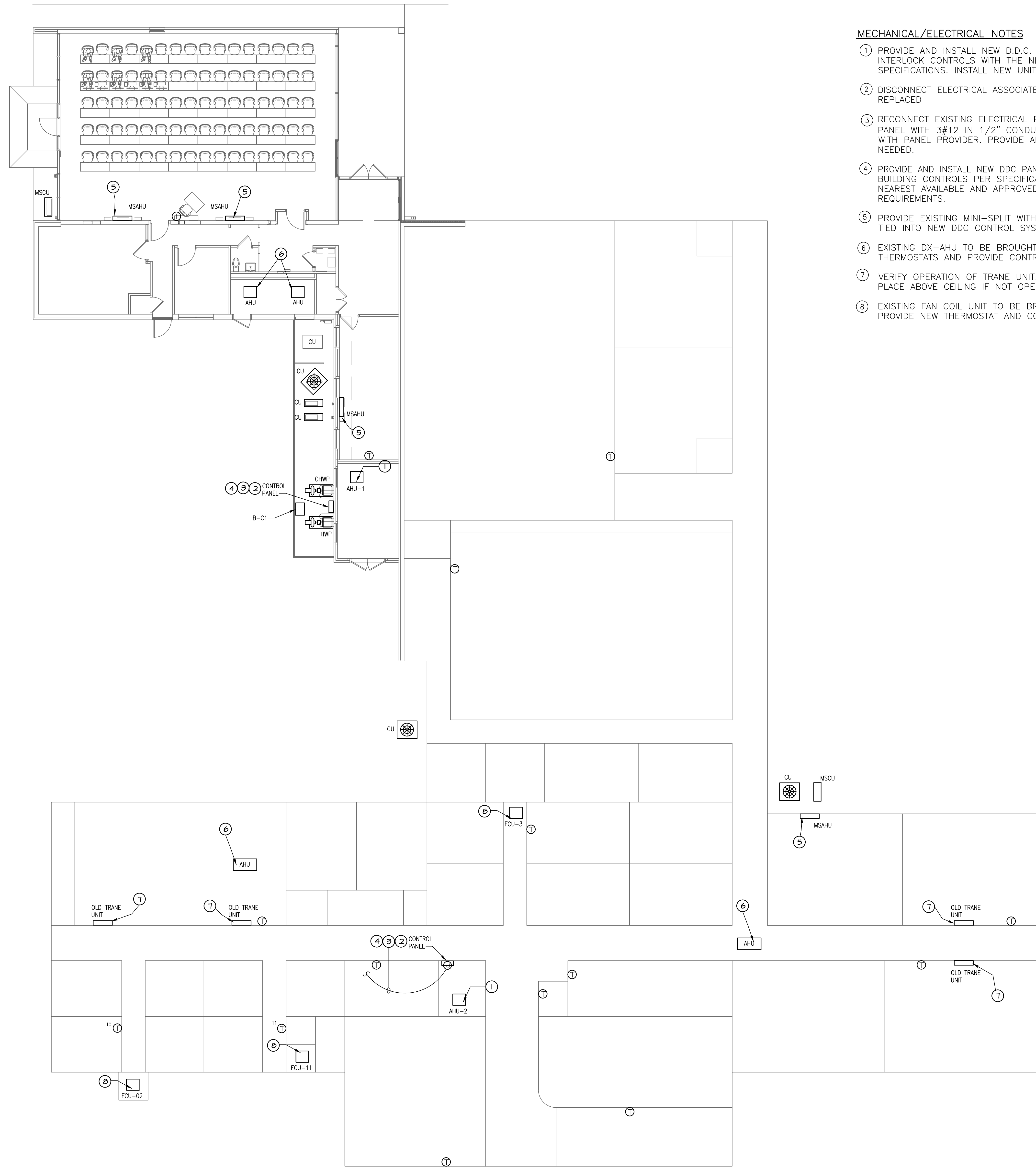
BID DOCUMENTS	
CENTRAL PLANT	
DATE ISSUED	APRIL 6, 2026
REVISION	
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CHECKED BY	DD
PROJECT NO.	25050.00
SHEET NO.	ME5.1

1104 Bedford Dr. Suite F7 Lafayette, LA 70506  
13201 Northwest Blvd. Ste 633 Houston, TX  
(337)234-7474  
Mechanical Contact: Davis Dowl  
Email: ddowl@meconline.com  
Electrical Contact: Terry Kitch  
Email: terry@meconline.com  
PROJECT NO.: 25050.00



M & E CONSULTING, INC. (337) 234-7474 25050.ME.1 (A-Rev0) (dwg) DATE: AUG 25, 2025 TIME: 8:14 PM

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- MECHANICAL/ELECTRICAL NOTES**
- ① PROVIDE AND INSTALL NEW D.D.C. CONTROL POINTS TO EXISTING AHU. INTERLOCK CONTROLS WITH THE NEW ENERGY MANAGEMENT SYSTEM SPECIFICATIONS. INSTALL NEW UNITARY CONTROLLER FOR EXISTING AHU.
  - ② DISCONNECT ELECTRICAL ASSOCIATED WITH EXISTING CONTROL PANEL BEING REPLACED
  - ③ RECONNECT EXISTING ELECTRICAL PREVIOUSLY SERVING EXISTING CONTROL PANEL WITH 3#12 IN 1/2" CONDUIT. COORDINATE OUTLET/DEVICE TYPE WITH PANEL PROVIDER. PROVIDE ADDITIONAL CONDUIT, WIRING, ETC. AS NEEDED.
  - ④ PROVIDE AND INSTALL NEW DDC PANEL THIS VICINITY. INTERLOCK WITH NEW BUILDING CONTROLS PER SPECIFICATIONS. EXTEND AND CONNECT TO NEAREST AVAILABLE AND APPROVED ELECTRICAL SOURCE FOR POWER REQUIREMENTS.
  - ⑤ PROVIDE EXISTING MINI-SPLIT WITH NEW THERMOSTAT KIT. UNIT TO BE TIED INTO NEW DDC CONTROL SYSTEM.
  - ⑥ EXISTING DX-AHU TO BE BROUGHT INTO NEW CONTROL SYSTEM. REPLACE THERMOSTATS AND PROVIDE CONTROLLER AS REQUIRED.
  - ⑦ VERIFY OPERATION OF TRANE UNIT. ABANDON AND DECOMMISSION IN PLACE ABOVE CEILING IF NOT OPERATIONAL.
  - ⑧ EXISTING FAN COIL UNIT TO BE BROUGHT INTO NEW CONTROL SYSTEM. PROVIDE NEW THERMOSTAT AND CONTROLLER AS REQUIRED.

**MECHANICAL and ELECTRICAL PLAN**  
SCALE: 1/8" = 1'-0"



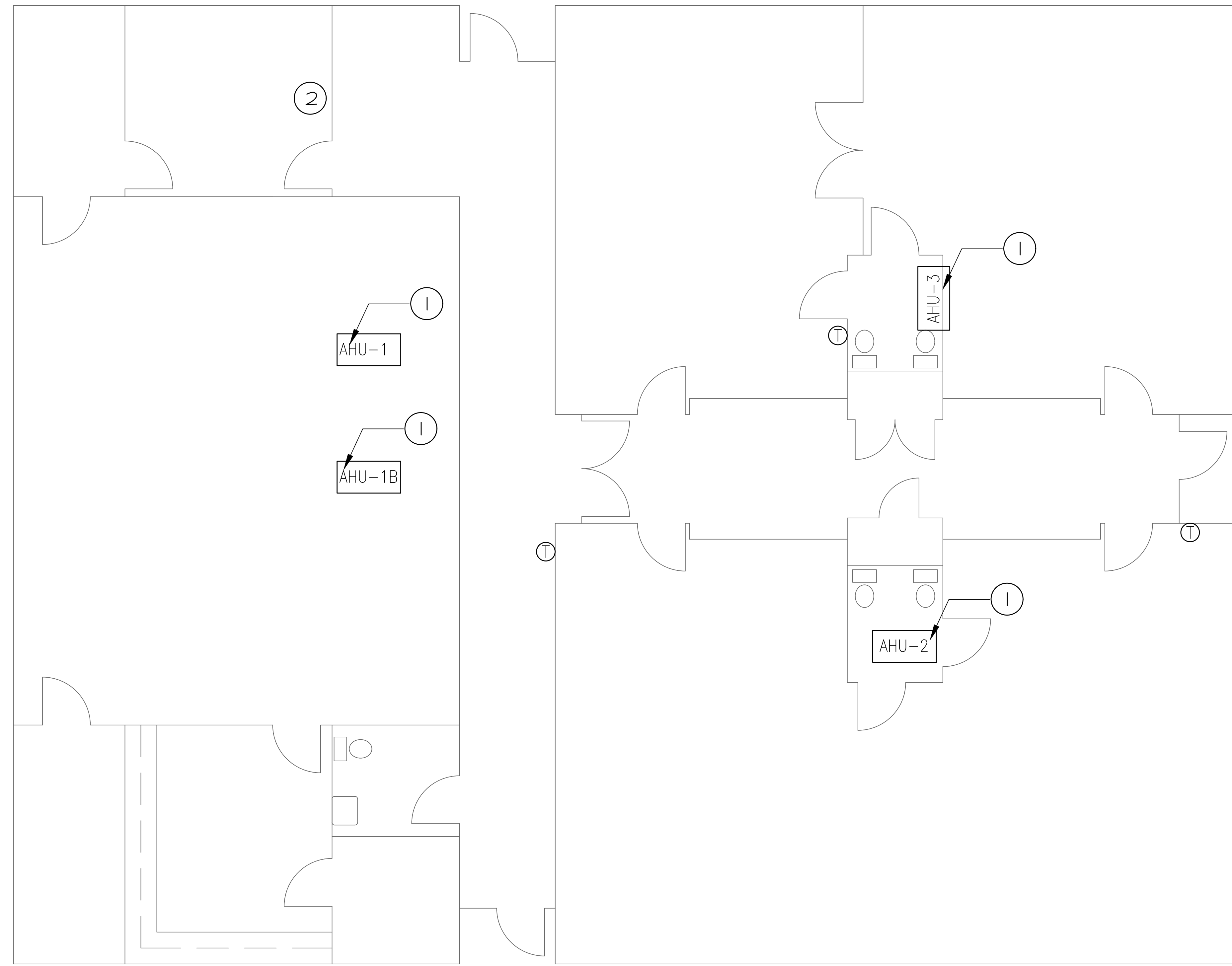
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CHAMBERS HALL	
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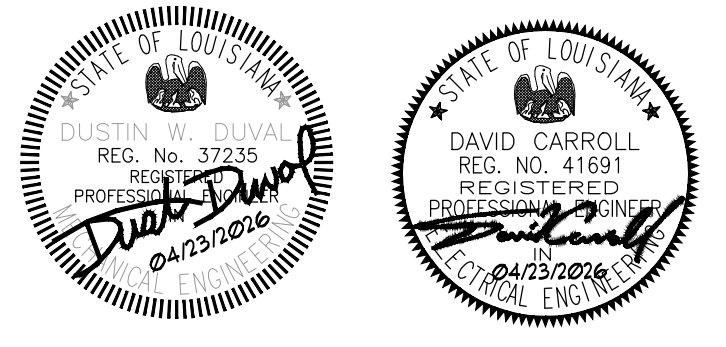
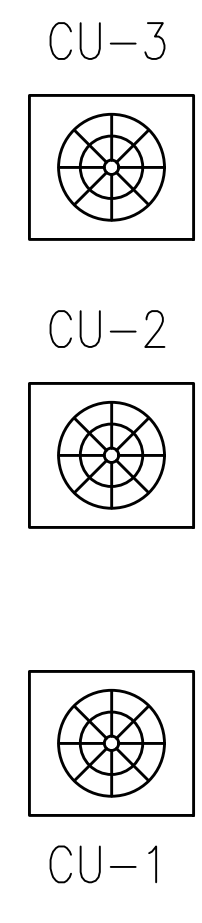


**MECHANICAL and ELECTRICAL PLAN**

SCALE: 1/4" = 1'-0"

**MECHANICAL/ELECTRICAL NOTES**

- ① PROVIDE NEW THERMOSTAT AND CONTROLLER AS REQUIRED AND INSTALL NEW D.D.C. CONTROL POINTS TO EXISTING AHU. INTERLOCK CONTROLS WITH THE NEW ENERGY MANAGEMENT SYSTEM SPECIFICATIONS. INSTALL NEW UNITARY CONTROLLER FOR EXISTING AHU AS REQUIRED.
- ② PROVIDE NEW DATA DROP IN THIS VICINITY TO ALLOW FOR INTERFACE WITH NEW CONTROL SYSTEM ON CAMPUS.



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**BID DOCUMENTS**

**CHILDREN'S CENTER**

DATE ISSUED: **APRIL 6, 2026**

REVISED:

DRAWN BY: **BDT**

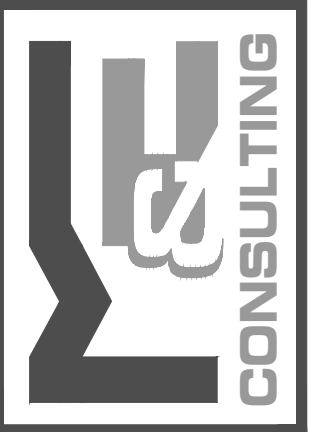
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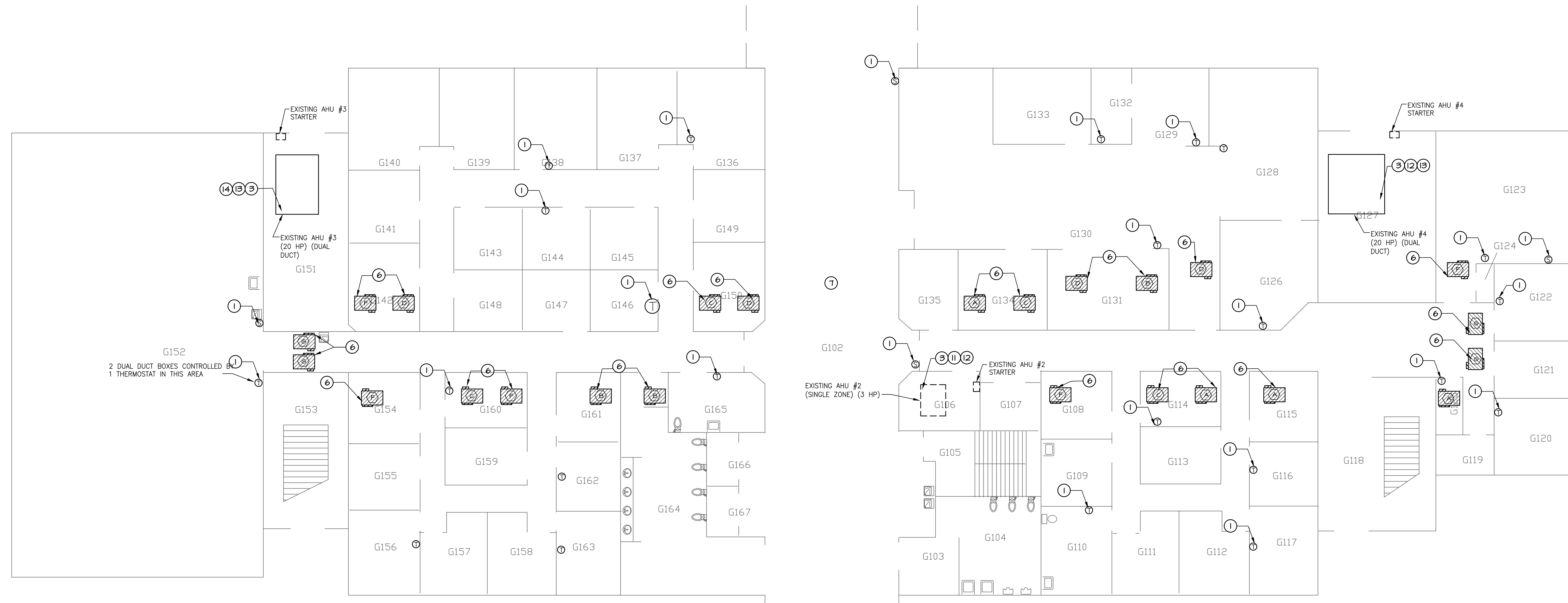
PROJECT NO. **25050.00**

SHEET NO. **ME7.1**

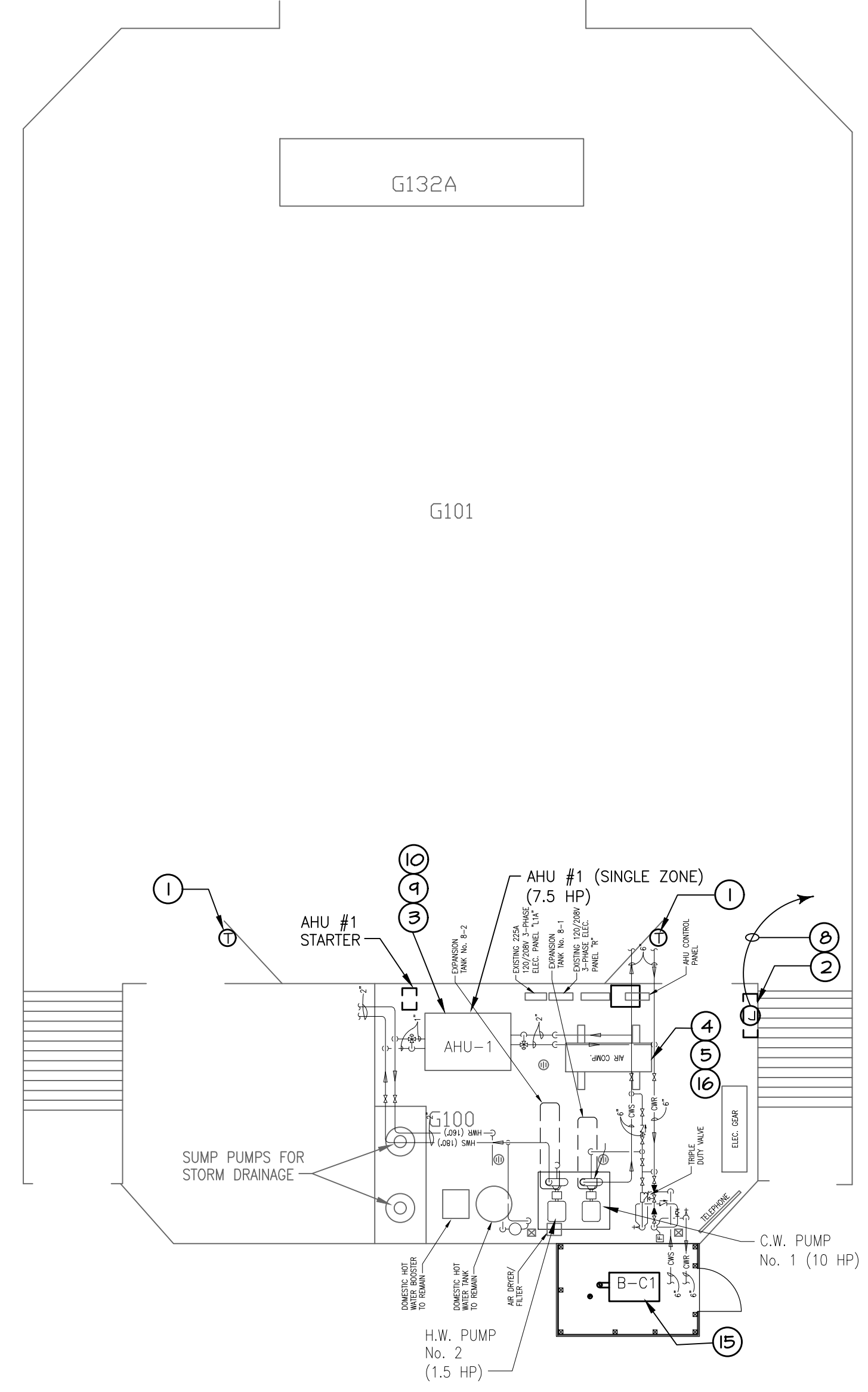
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13201 Northwest Hwy, Ste 633, Houston, TX  
(337)234-7474

Mechanical Contact: David Dval  
Email: dval@meconsulting.com  
Electrical Contact: Terry Kirsch  
Email: terry@meconsulting.com  
PROJECT NO.: 25050.00





G152  
2 DUAL DUCT BOXES CONTROLLED BY  
1 THERMOSTAT IN THIS AREA



- MECHANICAL/ELECTRICAL NOTES**
- REPLACE EXISTING PNEUMATIC THERMOSTAT WITH NEW DDC THERMOSTAT PER SPECIFICATIONS. INTERLOCK NEW THERMOSTAT WITH NEW ENERGY MANAGEMENT SYSTEM AND EXISTING REHEAT COIL VALVE.
  - PROVIDE AND INSTALL NEW JACE PANEL THIS VICINITY. INTERLOCK WITH NEW BUILDING CONTROLS PER SPECIFICATIONS. EXTEND AND CONNECT TO NEAREST AVAILABLE AND APPROVED ELECTRICAL SOURCE FOR POWER REQUIREMENTS.
  - PROVIDE AND INSTALL NEW D.D.C. CONTROL POINTS TO EXISTING AHU. INTERLOCK CONTROLS WITH THE NEW ENERGY MANAGEMENT SYSTEM SPECIFICATIONS. INSTALL NEW UNITARY CONTROLLER FOR EXISTING AHU.
  - EXISTING PNEUMATIC AIR COMPRESSOR AND DRYER TO BE REMOVED. REMOVE ALL ASSOCIATED ACCESSORIES AND AIR LINES.
  - PNEUMATIC CONTROL PANEL IN THIS VICINITY WITH ALL EXISTING AIR LINES TO BE REMOVED IN THEIR ENTIRETY.
  - EXISTING PNEUMATIC CONTROL VALVES AND ALL ASSOCIATED AIR LINES TO BE REMOVED ON ALL HOT WATER COILS. REPLACE WITH NEW DDC LINEAR ACTUATOR.
  - COORDINATE HVAC SHUTDOWN WITH FACILITIES MANAGER PRIOR TO CONSTRUCTION.
  - 1/2" CONDUIT WITH 3#12 TO A 20 SINGLE POLE BREAKER IN EXISTING ELECTRICAL PANEL IN THIS VICINITY. CONTRACTOR TO PROVIDE BREAKER VERIFY OUTLET DEVICE TYPE WITH PANEL PROVIDER. PROVIDE ADDITIONAL CONDUIT, WIRING, ETC. AS NEEDED.
  - EXISTING 2" PNEUMATIC CONTROL VALVE ON CHILL WATER LINES AND ALL ASSOCIATED AIR LINES TO BE REMOVED. REPLACE WITH NEW DDC CONTROL VALVE AND ACTUATOR.
  - EXISTING 1" PNEUMATIC CONTROL VALVES AND ALL ASSOCIATED AIR LINES TO BE REMOVED ON HOT WATER COILS. REPLACE WITH NEW DDC CONTROL VALVE AND ACTUATOR.
  - EXISTING 1 1/4" PNEUMATIC CONTROL VALVES AND ALL ASSOCIATED AIR LINES TO BE REMOVED ON CHILL WATER COIL. REPLACE WITH NEW DDC CONTROL VALVE AND ACTUATOR.
  - EXISTING 1 1/4" PNEUMATIC CONTROL VALVES AND ALL ASSOCIATED AIR LINES TO BE REMOVED ON HOT WATER COIL. REPLACE WITH NEW DDC CONTROL VALVE AND ACTUATOR.
  - EXISTING 3" PNEUMATIC CONTROL VALVES AND ALL ASSOCIATED AIR LINES TO BE REMOVED ON CHILL WATER COIL. REPLACE WITH NEW DDC CONTROL VALVE AND ACTUATOR.
  - EXISTING 1 1/2" PNEUMATIC CONTROL VALVES AND ALL ASSOCIATED AIR LINES TO BE REMOVED ON HOT WATER COILS. REPLACE WITH NEW DDC CONTROL VALVE AND ACTUATOR.
  - EXISTING BOILER TO BE INTEGRATED WITH NEW BACNET CARD TO BE INTEGRATED INTO NEW CONTROL SYSTEM.
  - REMOVE ELECTRICAL ASSOCIATED WITH MECHANICAL EQUIPMENT BEING REMOVED BACK TO PLACE OF ORIGIN. BREAKER TO BECOME SPARE.

ALT-1: REPLACE DAMAGED VAV BOXES

**MECHANICAL and ELECTRICAL FIRST FLOOR PLAN**

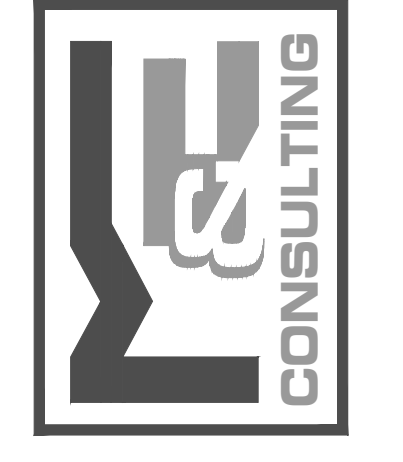
SCALE: 1/8" = 1'-0"



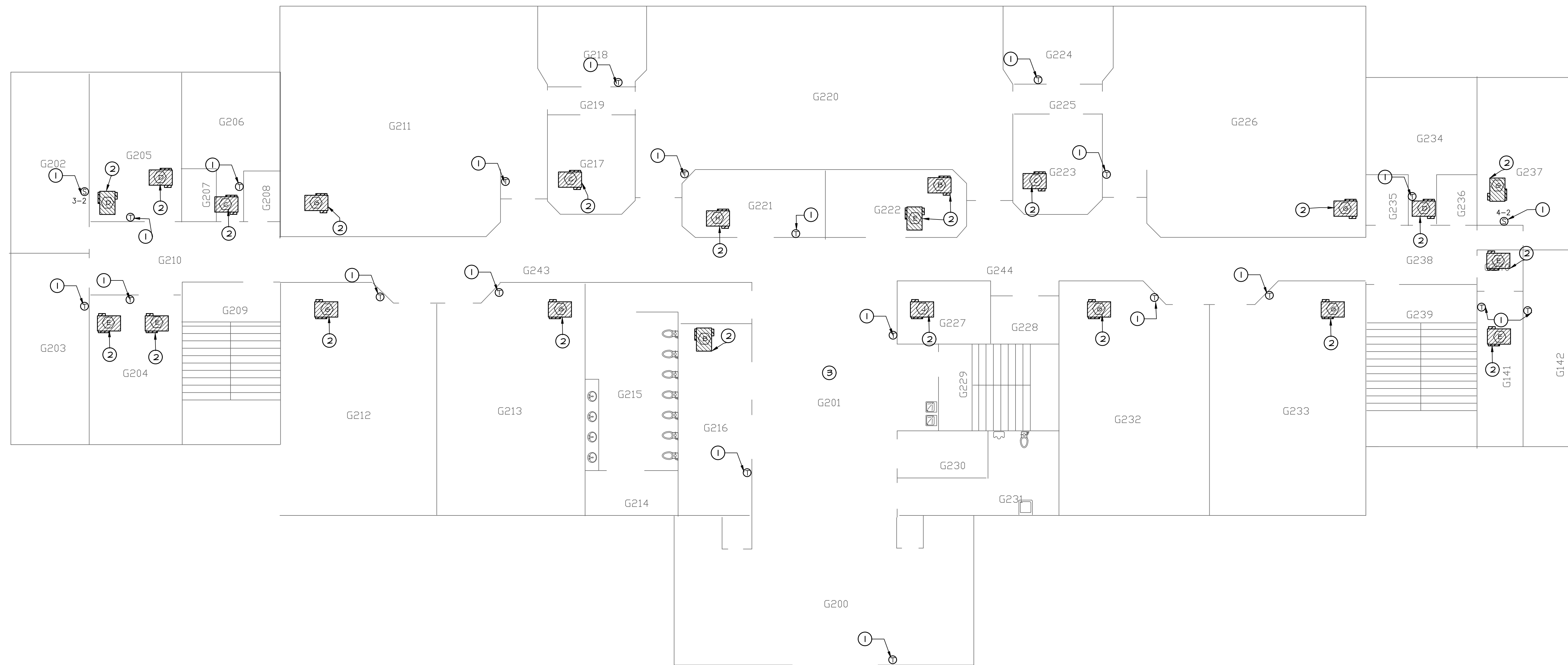
**FURNISH LABOR AND MATERIALS FOR CAMPUS WIDE  
DIRECT DIGITAL HVAC CONTROL SYSTEM,  
ITEM 54 LOUISIANA STATE UNIVERSITY  
ALEXANDRIA, LOUISIANA**

BID DOCUMENTS	
COUGHLIN HALL	
DATE ISSUED	APRIL 6, 2026
REVISED	
DRAWN BY	BDT
CHECKED BY	DD
PROJECT NO.	25050.00
SHEET NO.	ME8.1

1104 Reverend Dr. Suite F7 Lafayette, LA 70506  
13201 Northwest Blvd. Ste 633 Houston, TX  
(337)234-7474  
Mechanical Contact: Davis Dowl  
Email: ddowl@mecconsulting.com  
Electrical Contact: Terry Ketch  
Email: terry@mecconsulting.com  
PROJECT NO.: 25050.00



M & E CONSULTING, INC. (337) 234-7474 25050.ME.1 (A-Rev0) dwg DATE: AUG 25, 2025 TIME: 8:14 PM



**MECHANICAL NOTES**

- ① REPLACE EXISTING PNEUMATIC THERMOSTAT WITH NEW DDC THERMOSTAT PER SPECIFICATIONS. INTERLOCK NEW THERMOSTAT WITH NEW ENERGY MANAGEMENT SYSTEM AND EXISTING REHEAT COIL VALVE. EXISTING PNEUMATIC THERMOSTAT AND ASSOCIATED AIR LINES TO BE REMOVED. (TYPICAL FOR ALL PNEUMATIC THERMOSTATS).
- ② PNEUMATIC CONTROL VALVES AND ALL ASSOCIATED AIR LINES TO BE REMOVED ON ALL HOT WATER COILS. REPLACE WITH NEW DDC LINEAR ACTUATOR.
- ③ COORDINATE SHUTDOWN OF BUILDING HVAC SYSTEM WITH FACILITIES MANAGER.

**ALT-1:**

- REPLACE DAMAGED VAV BOXES.
- DISCONNECT AND RECONNECT ASSOCIATED ELECTRICAL. PROVIDE ADDITIONAL, CONDUIT, WIRING, DISCONNECTS, ETC. AS NEEDED.

**MECHANICAL and ELECTRICAL SECOND FLOOR PLAN**

SCALE: 1/8" = 1'-0"



1104 Renford Dr. Suite F7, Lafayette, LA 70506  
 13201 Northwest Blvd, Ste 633, Houston, TX  
 (337)244-7474  
 Mechanical Contact: Davis Daval  
 Email: daval@meconsulting.com  
 Electrical Contact: Terry Kisch  
 Email: terry@meconsulting.com  
 PROJECT NO.: 25050.00



**FURNISH LABOR AND MATERIALS FOR CAMPUS WIDE  
 DIRECT DIGITAL HVAC CONTROL SYSTEM,  
 ITEM 54 LOUISIANA STATE UNIVERSITY  
 ALEXANDRIA, LOUISIANA**

PROJECT NO. 01-107-24-05, F.01004604

BID  
DOCUMENTS

COUGHLIN HALL

DATE ISSUED: APRIL 6, 2026  
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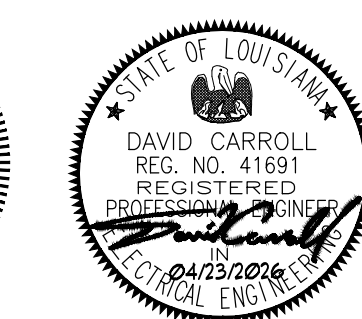
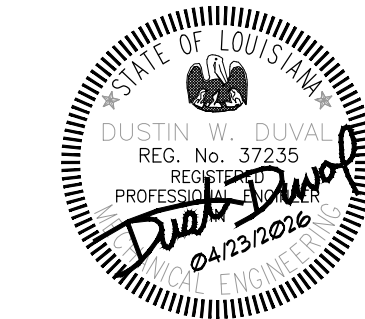
PROJECT NO.: 25050.00

SHEET NO.: ME8.2



MIXING BOX UNIT PRICE TABLE			
SIZE	CFM	BOX MODEL	EST. COST
A	0-125	TITUS DMDV	\$5,200
B	126-250	TITUS DMDV	\$5,200
C	251-400	TITUS DMDV	\$5,200
D	401-600	TITUS DMDV	\$5,310
E	601-900	TITUS DMDV	\$5,740
F	901-1150	TITUS DMDV	\$5,740
G	1151-1550	TITUS DMDV	\$5,900
H	1551-2500	TITUS DMDV	\$6,500
J	2501-4000	TITUS DMDV	\$6,550

**ALTERNATE 1: UNIT COST SCHEDULE - VAV REPLACEMENT**



**FURNISH LABOR AND MATERIALS FOR CAMPUS WIDE  
 DIRECT DIGITAL HVAC CONTROL SYSTEM,  
 ITEM 54 LOUISIANA STATE UNIVERSITY  
 ALEXANDRIA, LOUISIANA**  
 PROJECT NO. 01-107-24-05, F-01004604

<b>BID DOCUMENTS</b>	
COUGHLIN HALL	
DATE ISSUED	APRIL 6, 2026
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DRAWN BY	BDT
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PROJECT NO.	25050.00
SHEET NO.	ME8.3

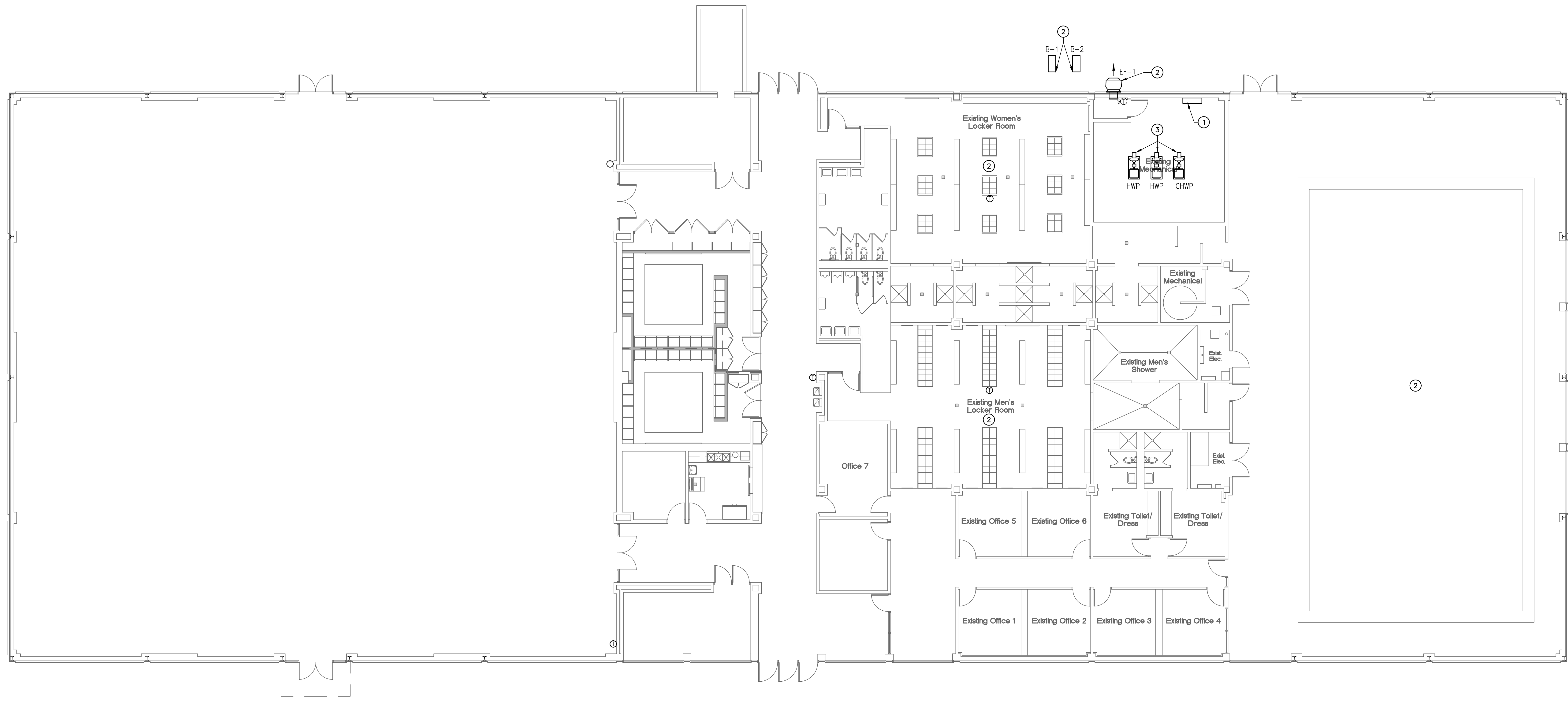
1104 Reverend Dr. Suite F7, Lafayette, LA 70506  
 13201 Northwest Blvd, Ste 633, Houston, TX  
 (337) 234-7474

Mechanical Contact: David Carroll  
 Email: dcarroll@meconsulting.com

Electrical Contact: Terry Kesch  
 Email: terry@meconsulting.com

PROJECT NO.: 25050.00

M & E CONSULTING, INC. (337) 234-7474 25650.ME.1 (Abrams).dwg DATE: AUG 25, 2025 TIME: 6:14 PM



**MECHANICAL NOTES**

- ① EXPAND EXISTING JACE AS REQUIRED TO ACCOMMODATE NEW CONTROLS IN BUILDING. INCLUDE LICENSE UPGRADE IN JACE TO ACCOMMODATE ALL EQUIPMENT IN BUILDING.
- ② EXISTING EXHAUST FAN SERVING THIS AREA TO BE INTEGRATED INTO NEW CAMPUS AUTOMATION SYSTEM.
- ③ INTEGRATE ALL PUMPS TO NEW CONTROL SYSTEM. ENSURE ALL POINTS ARE VISIBLE ON CONTROL SYSTEM.
- ④ ENSURE EXISTING BOILERS AND RESPECTIVE POINTS ARE INTEGRATED INTO NEW CONTROL SYSTEM.

1104 Bertrand Dr. Suite F7 Lafayette, LA 70506  
 13201 Northwest Blvd. Ste 633 Houston, TX  
 (337)234-7474  
 Mechanical Contact: Davis Daval  
 Email: daval@meconsulting.com  
 Electrical Contact: Terry Kitch  
 Email: terry@meconsulting.com  
 PROJECT NO.: 25050.00



**FURNISH LABOR AND MATERIALS FOR CAMPUS WIDE  
 DIRECT DIGITAL HVAC CONTROL SYSTEM,  
 ITEM 54 LOUISIANA STATE UNIVERSITY  
 ALEXANDRIA, LOUISIANA**  
 PROJECT NO. 01-107-24-05, F-01004604

BID DOCUMENTS

HEALTH & FITNESS

DATE ISSUED: APRIL 6, 2026  
 REVISED:

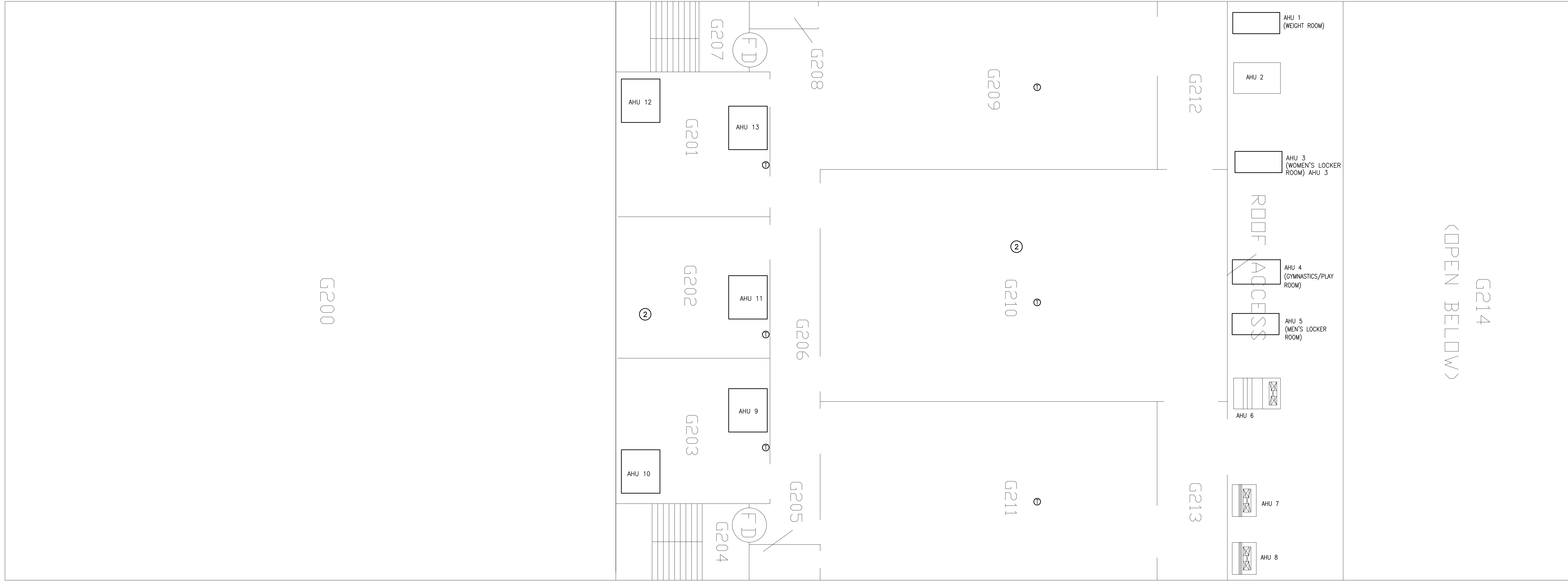
DRAWN BY: BDT  
 CHECKED BY: DD

PROJECT NO.: 25050.00

SHEET NO.: ME9.1

**MECHANICAL and ELECTRICAL FIRST FLOOR PLAN**  
 SCALE: 1/8" = 1'-0"

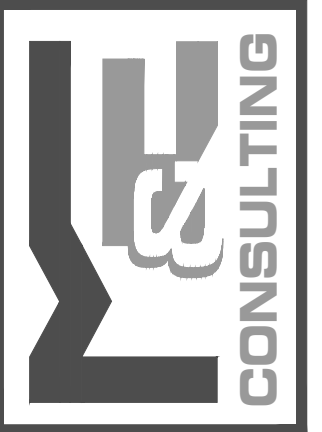




- MECHANICAL NOTES**
- EXPAND EXISTING JACE AS REQUIRED TO ACCOMMODATE NEW CONTROLS IN BUILDING. INCLUDE LICENSE UPGRADE IN JACE TO ACCOMMODATE ALL EQUIPMENT IN BUILDING. ADD ADDITIONAL FUTURE POINTS FOR 5 UNITS. FUTURE UNITS TO BE DX SPLITS.
  - EXISTING EXHAUST FAN SERVING THIS AREA TO BE INTEGRATED INTO NEW CAMPUS AUTOMATION SYSTEM.

**MECHANICAL and ELECTRICAL SECOND FLOOR PLAN**  
 SCALE: 1/8" = 1'-0"

1104 Redwood Dr. Suite F7, Lakeville, LA 70506  
 13201 Northwest Blvd, Ste 633, Houston, TX  
 (337)234-7474  
 Mechanical Contact: Devin Dval  
 Email: dval@meconsulting.com  
 Electrical Contact: Terry Kitch  
 Email: terry@meconsulting.com  
 PROJECT NO.: 25050.00



**FURNISH LABOR AND MATERIALS FOR CAMPUS WIDE  
 DIRECT DIGITAL HVAC CONTROL SYSTEM,  
 ITEM 54 LOUISIANA STATE UNIVERSITY  
 ALEXANDRIA, LOUISIANA**  
 PROJECT NO. 01-107-24-05, F-01004604

**BID DOCUMENTS**

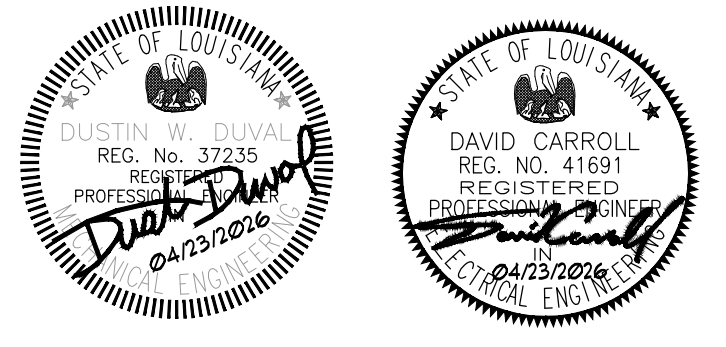
**HEALTH & FITNESS**

DATE ISSUED: **APRIL 6, 2026**  
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DRAWN BY: **BDT**  
 CHECKED BY: **DD**

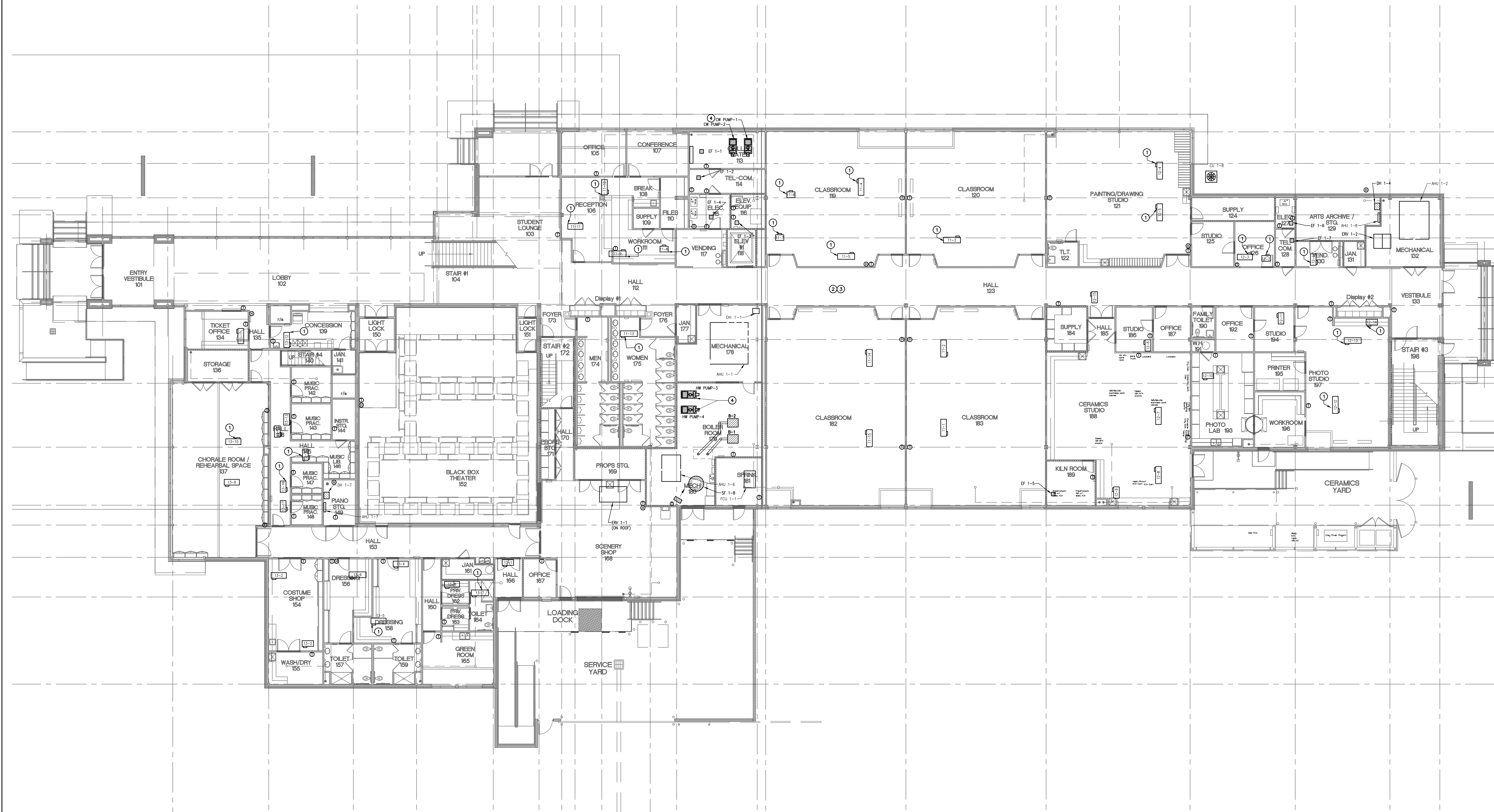
PROJECT NO.: **25050.00**

SHEET NO.: **ME9.2**





- MECHANICAL/ELECTRICAL NOTES**
- RE-ESTABLISH COMMUNICATION WITH VAV BOX. NEW TRUNK LINE MAY NEED TO BE PULLED TO COMPLETE COMMUNICATION.
  - VERIFY COMMUNICATION ON ALL EQUIPMENT ON THIS FLOOR TO ENSURE COMMUNICATION.
  - EXISTING VAVS WITH TRUNK LINE ISSUES INCLUDE BUT NOT LIMITED TO (VAV): 11-3, 11-4, 11-5, 11-6, 11-7, 11-8, 11-9, 11-10, 11-11, 11-13, 12-1, 12-2, 12-3, 12-4, 12-5, 12-12, 12-13, 12-14, 13-5, 13-7, 13-10, 13-12, 13-15, 13-16
  - INTEGRATE EXISTING CHILLED WATER PUMPS, HOT WATER PUMPS AND ASSOCIATED ACCESSORIES INTO NEW CONTROL SYSTEM. ENSURE FUNCTION AND VISIBILITY OF COMPONENT ON GRAPHICS FOR FINAL INTEGRATION.



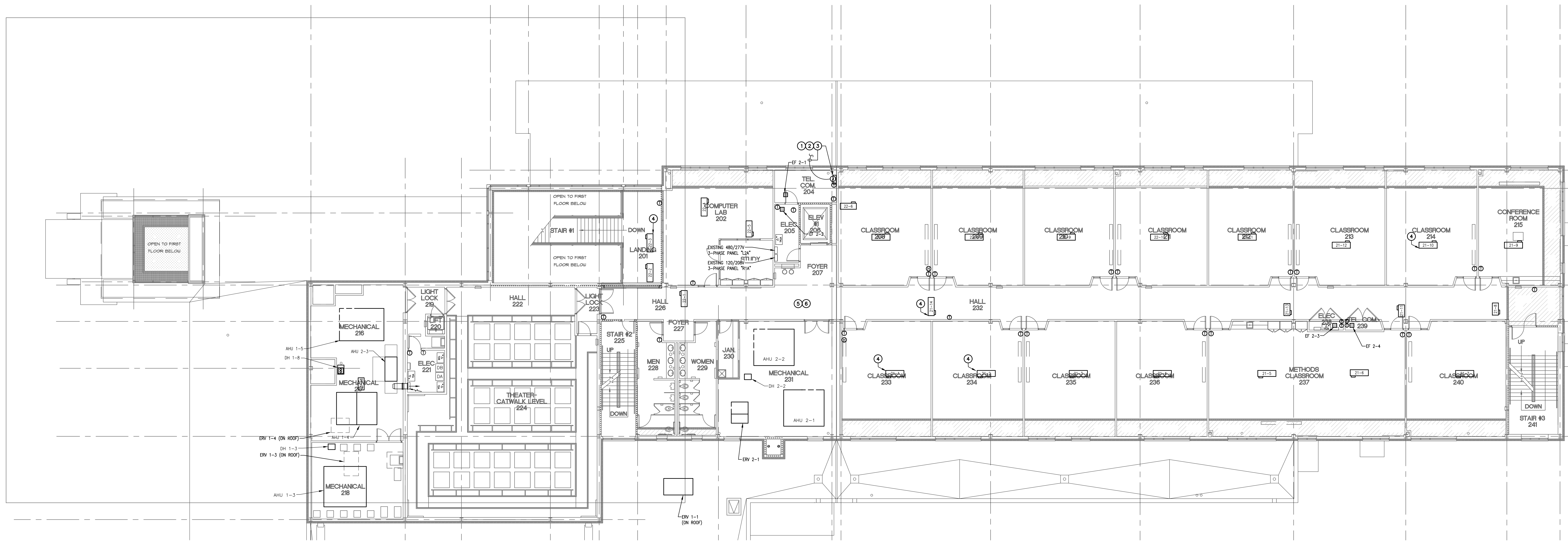
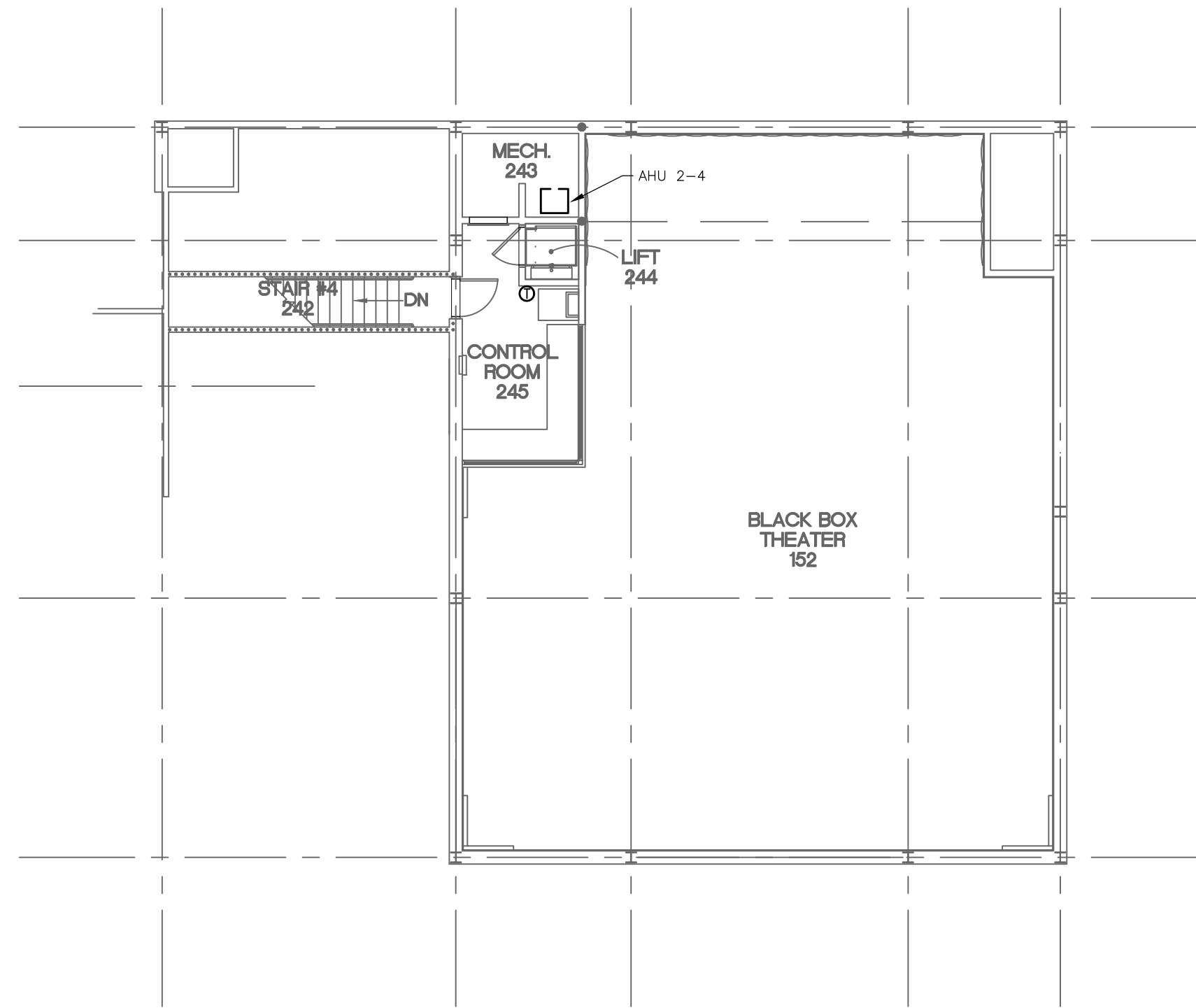
**MECHANICAL and ELECTRICAL FIRST FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"

**FURNISH LABOR AND MATERIALS FOR CAMPUS WIDE  
 DIRECT DIGITAL HVAC CONTROL SYSTEM,  
 ITEM 54 LOUISIANA STATE UNIVERSITY  
 ALEXANDRIA, LOUISIANA**  
 PROJECT NO. 01-107-24-05, F.01004604

BID DOCUMENTS	
MULDER HALL	
DATE ISSUED	APRIL 6, 2026
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PROJECT NO.	25050.00
SHEET NO.	ME10.1



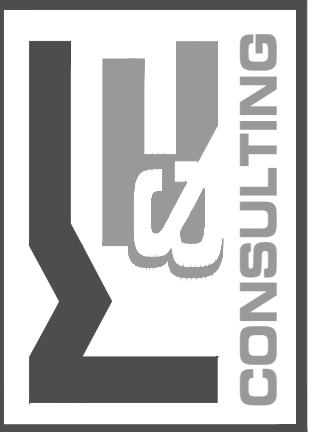
M & E CONSULTING, INC. (337) 234-7474 25050.ME.1 (Abrams).dwg DATE: AUG 25, 2025 TIME: 8:14 PM



**MECHANICAL/ELECTRICAL NOTES**

- ① EXISTING JACE IN THIS VICINITY TO BE REMOVED. INSTALL NEW JACE PANEL THIS VICINITY. INTERLOCK WITH NEW BUILDING CONTROLS PER SPECIFICATIONS. EXTEND AND CONNECT TO NEAREST AVAILABLE AND APPROVED ELECTRICAL SOURCE FOR POWER REQUIREMENTS.
- ② DISCONNECT ELECTRICAL ASSOCIATED WITH EXISTING CONTROL PANEL BEING REPLACED
- ③ RECONNECT EXISTING ELECTRICAL PREVIOUSLY SERVING EXISTING CONTROL PANEL WITH 3#12 IN 1/2" CONDUIT. COORDINATE OUTLET/DEVICE TYPE WITH PANEL PROVIDER. PROVIDE ADDITIONAL CONDUIT, WIRING, ETC. AS NEEDED.
- ④ RE-ESTABLISH COMMUNICATION WITH VAV BOX. NEW TRUNK LINE MAY NEED TO BE PULLED TO COMPLETE COMMUNICATION.
- ⑤ VERIFY COMMUNICATION ON ALL VAVS ON THIS FLOOR TO ENSURE COMMUNICATION.
- ⑥ EXISTING VAVS WITH TRUNK LINE ISSUE INCLUDE BUT NOT LIMITED TO (VAV): 21-01, 21-02, 21-10, 21-14, 22-03

1104 Reverend Dr. Suite F7 Lafayette, LA 70506  
 13201 Northwest Blvd. Ste 633 Houston, TX  
 (337) 234-7474  
 Mechanical Contact: Davis Dzial  
 Email: ddd@meconsulting.com  
 Electrical Contact: Terry Kitch  
 Email: terry@meconsulting.com  
 PROJECT NO.: 25050.00



**FURNISH LABOR AND MATERIALS FOR CAMPUS WIDE  
 DIRECT DIGITAL HVAC CONTROL SYSTEM,  
 ITEM 54 LOUISIANA STATE UNIVERSITY  
 ALEXANDRIA, LOUISIANA**  
 PROJECT NO. 01-107-24-05, F-01004604

<b>BID DOCUMENTS</b>	
<b>MULDER HALL</b>	
DATE ISSUED	APRIL 6, 2026
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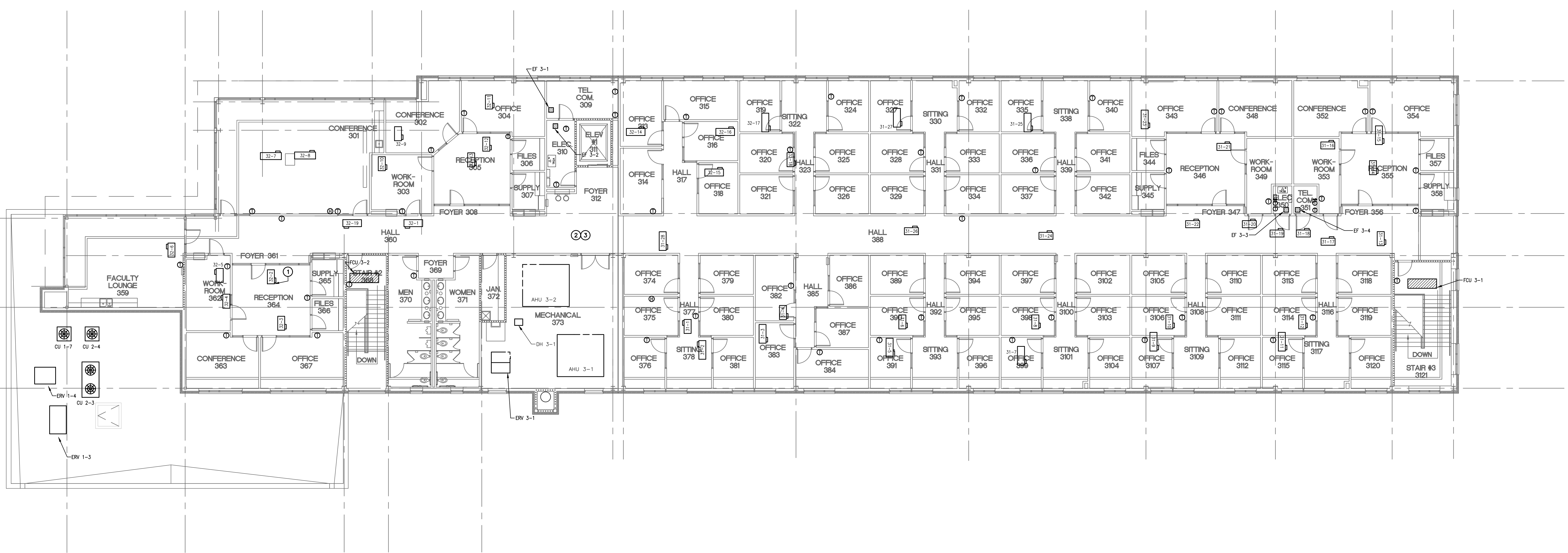
PROJECT NO.	25050.00
SHEET NO.	ME10.2

**MECHANICAL and ELECTRICAL SECOND FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"



M & E CONSULTING, INC. (337) 234-7474 25050.ME10.1 (Mulder 1st-2nd-3rd) (dwg) DATE: AUG 28, 2025 TIME: 2:07 PM

M & E CONSULTING, INC. (337) 234-7474 25650 ME10.3 (Mulder 1st-2nd-3rd) DWG DATE: SEP 15, 2025 TIME: 3:45 PM



MECHANICAL and ELECTRICAL THIRD FLOOR PLAN  
SCALE: 3/32" = 1'-0"

MECHANICAL/ELECTRICAL NOTES

- ① RE-ESTABLISH COMMUNICATION WITH VAV BOX. NEW TRUNK LINE MAY NEED TO BE PULLED TO COMPLETE COMMUNICATION.
- ② VERIFY COMMUNICATION ON ALL VAVS ON THIS FLOOR TO ENSURE COMMUNICATION.
- ③ EXISTING VAVS WITH TRUNK LINE ISSUES INCLUDE BUT ARE NOT LIMITED TO (VAV): 32-02

1104 Renard Dr. Suite F7 Lafayette, LA 70506  
 13201 Northwest Blvd. Ste 633 Houston, TX  
 (337) 234-7474  
 Mechanical Contact: Davis Duvall  
 Email: dduvall@mecconsulting.com  
 Electrical Contact: Terry Kirsch  
 Email: tkirsch@mecconsulting.com  
 PROJECT NO.: 25050.00



FURNISH LABOR AND MATERIALS FOR CAMPUS WIDE  
 DIRECT DIGITAL HVAC CONTROL SYSTEM,  
 ITEM 54 LOUISIANA STATE UNIVERSITY  
 ALEXANDRIA, LOUISIANA  
 PROJECT NO. 01-107-24-05, F.01004604

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MULDER HALL

DATE ISSUED: APRIL 6, 2026

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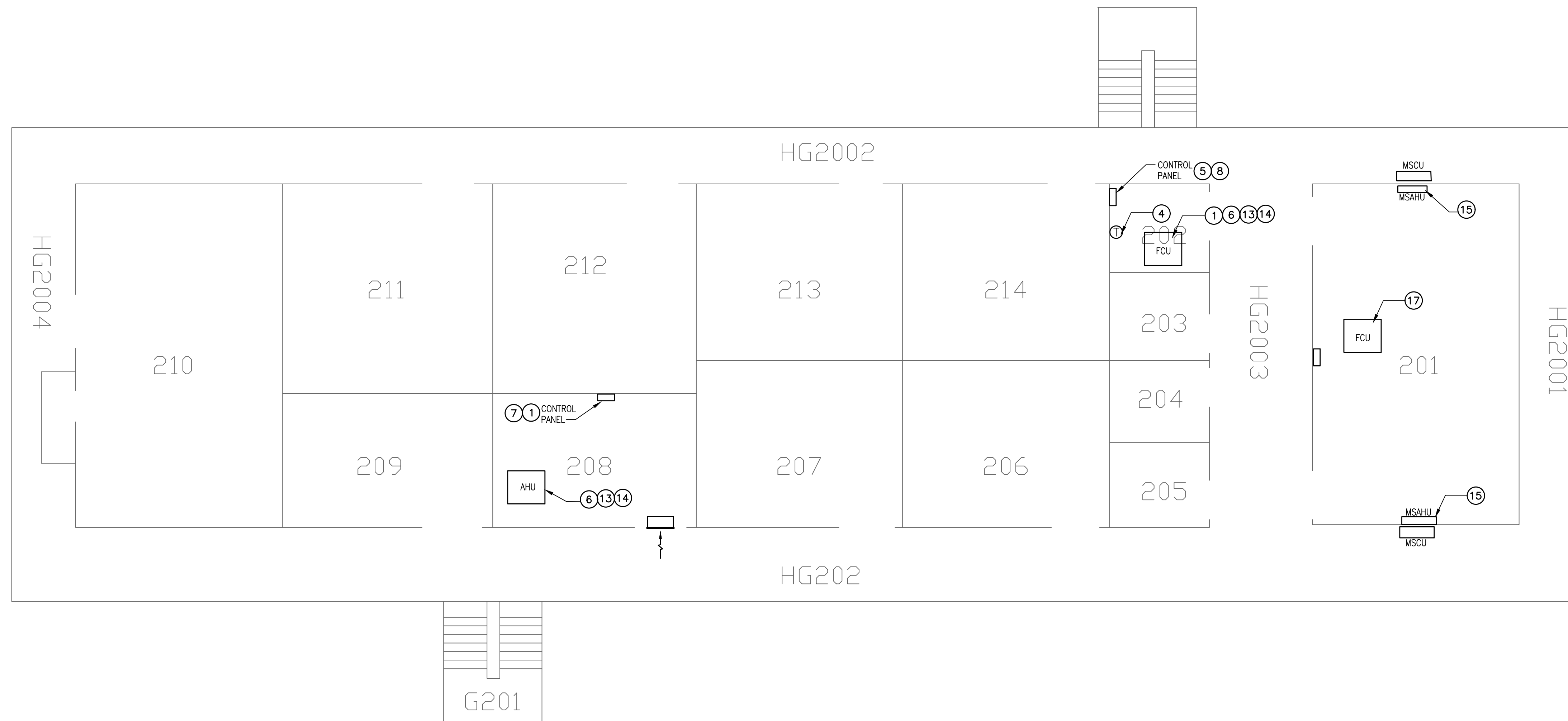
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CHECKED BY: DD

PROJECT NO.: 25050.00

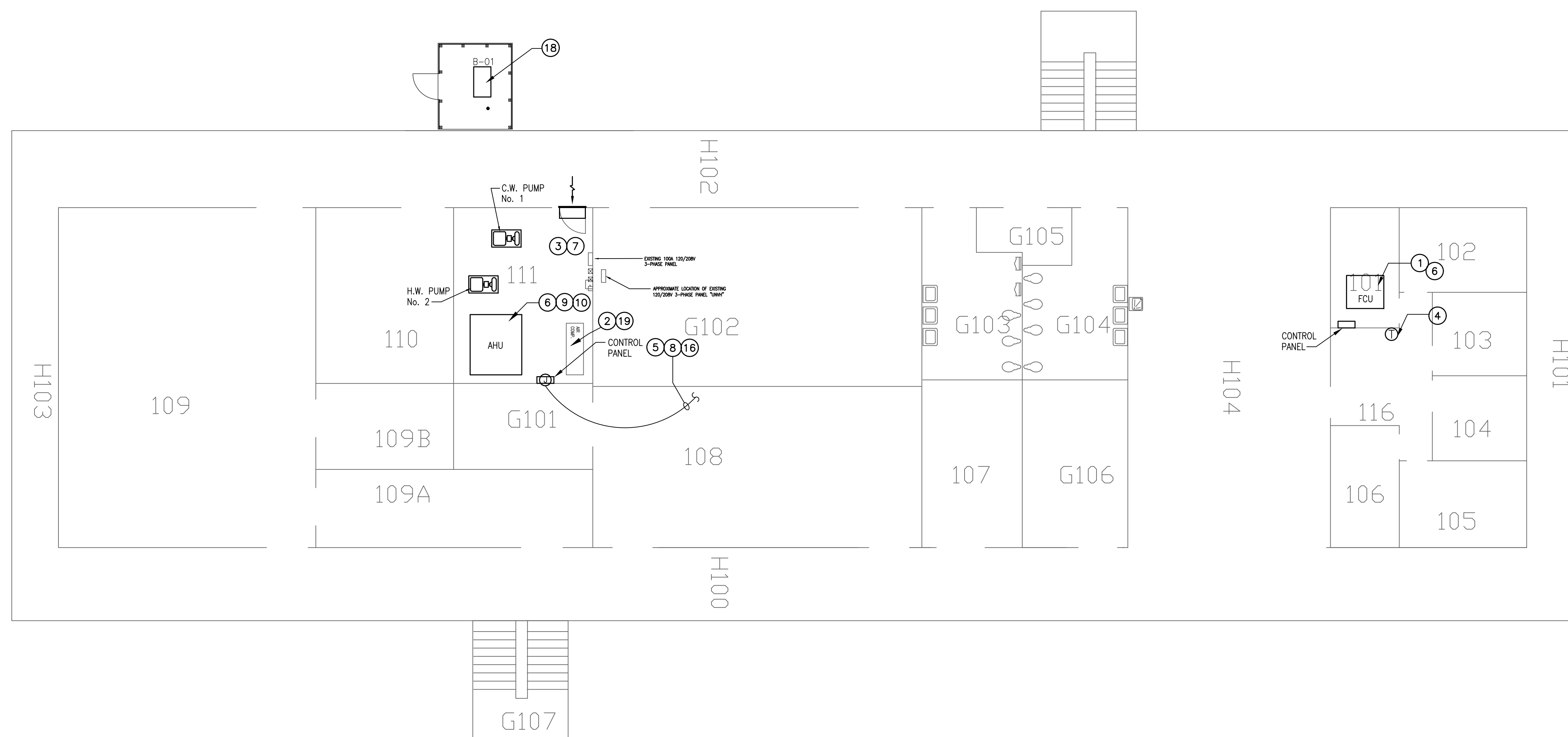
SHEET NO.: ME10.3





**MECHANICAL and ELECTRICAL SECOND FLOOR PLAN**

SCALE: 1/8" = 1'-0"



**MECHANICAL and ELECTRICAL FIRST FLOOR PLAN**

SCALE: 1/8" = 1'-0"

**MECHANICAL/ELECTRICAL NOTES**

- ① PNEUMATIC CONTROL VALVES AND ALL ASSOCIATED AIR LINES TO BE REMOVED ON HOT WATER COILS.
- ② EXISTING PNEUMATIC AIR COMPRESSOR AND DRYER TO BE REMOVED. REMOVED ALL ASSOCIATED ACCESSORIES AND AIR LINES.
- ③ PNEUMATIC CONTROL PANEL WITH ALL EXISTING SIR LINES TO BE REMOVED IN THEIR ENTIRETY.
- ④ REPLACE EXISTING PNEUMATIC THERMOSTAT WITH NEW DDC THERMOSTAT PER SPECIFICATIONS. INTERLOCK NEW THERMOSTAT WITH NEW ENERGY MANAGEMENT SYSTEM AND EXISTING REHEAT COIL VALVE.
- ⑤ PROVIDE AND INSTALL NEW DDC PANEL THIS VICINITY. INTERLOCK WITH NEW BUILDING CONTROLS PER SPECIFICATIONS. EXTEND AND CONNECT TO NEAREST AVAILABLE AND APPROVED ELECTRICAL SOURCE FOR POWER REQUIREMENTS.
- ⑥ PROVIDE AND INSTALL NEW D.D.C. CONTROL POINTS TO EXISTING AHU. INTERLOCK CONTROLS WITH THE NEW ENERGY MANAGEMENT SYSTEM SPECIFICATIONS. INSTALL NEW UNITARY CONTROLLER FOR EXISTING AHU
- ⑦ DISCONNECT ELECTRICAL ASSOCIATED WITH EXISTING CONTROL PANEL BEING REPLACED
- ⑧ 1/2" CONDUIT WITH 3#12 TO A 20 AMP SINGLE POLE BREAKER IN EXISTING PANEL IN THIS VICINITY. CONTRACTOR TO PROVIDE BREAKER. COORDINATE OUTLET DEVICE TYPE WITH CONTROL PANEL PROVIDER. PROVIDE ADDITIONAL CONDUIT, WIRING, ETC AS NEEDED.
- ⑨ EXISTING 3" PNEUMATIC CONTROL VALVES AND ALL ASSOCIATED AIR LINES TO BE REMOVED ON CHILL WATER COIL. REPLACE WITH NEW DDC CONTROL VALVE AND ACTUATOR.
- ⑩ EXISTING 3" PNEUMATIC CONTROL VALVES AND ALL ASSOCIATED AIR LINES TO BE REMOVED ON HOT WATER COIL. REPLACE WITH NEW DDC CONTROL VALVE AND ACTUATOR.
- ⑪ EXISTING 2" PNEUMATIC CONTROL VALVES AND ALL ASSOCIATED AIR LINES TO BE REMOVED ON CHILL WATER COIL. REPLACE WITH NEW DDC CONTROL VALVE AND ACTUATOR.
- ⑫ EXISTING 2" PNEUMATIC CONTROL VALVES AND ALL ASSOCIATED AIR LINES TO BE REMOVED ON HOT WATER COIL. REPLACE WITH NEW DDC CONTROL VALVE AND ACTUATOR.
- ⑬ EXISTING 1" PNEUMATIC CONTROL VALVES AND ALL ASSOCIATED AIR LINES TO BE REMOVED ON CHILL WATER COIL. REPLACE WITH NEW DDC CONTROL VALVE AND ACTUATOR.
- ⑭ EXISTING 1" PNEUMATIC CONTROL VALVES AND ALL ASSOCIATED AIR LINES TO BE REMOVED ON HOT WATER COIL. REPLACE WITH NEW DDC CONTROL VALVE AND ACTUATOR.
- ⑮ PROVIDE MINI-SPLIT WITH NEW THERMOSTAT KIT. UNIT TO BE TIED INTO NEW DDC CONTROL SYSTEM.
- ⑯ EXISTING JACE IN THIS VICINITY TO REMAIN. INTEGRATE EXISTING JACE WITH NEW CONTROL SYSTEM.
- ⑰ DECOMMISSIONED FAN COIL UNIT. NO SCOPE OF WORK.
- ⑱ INTEGRATE EXISTING BOILER WITH NEW CONTROL SYSTEM.
- ⑲ REMOVE ELECTRICAL ASSOCIATED WITH MECHANICAL EQUIPMENT BEING REMOVED BACK TO PLACE OF ORIGIN. BREAKER TO BECOME SPARE.

1104 Reverend Dr. Suite F7, Lafayette, LA 70506  
 13201 Northwest Blvd, Ste 633, Houston, TX  
 (337)234-7474  
 Mechanical Contact: Dustin Duvall  
 Email: dduvall@meconline.com  
 Electrical Contact: Terry Kitch  
 Email: tkitch@meconline.com  
 PROJECT NO: 25050.00



**FURNISH LABOR AND MATERIALS FOR CAMPUS WIDE  
 DIRECT DIGITAL HVAC CONTROL SYSTEM,  
 ITEM 54 LOUISIANA STATE UNIVERSITY  
 ALEXANDRIA, LOUISIANA**  
 PROJECT NO. 01-107-24-05, F-010004604

BID DOCUMENTS

OAKLAND HALL

DATE ISSUED: APRIL 6, 2026

REVISED:

DRAWN BY: BDT

CHECKED BY: DD

PROJECT NO. 25050.00

SHEET NO. ME11.1



M & E CONSULTING, INC. (337) 234-7474 25050.ME.1 (A8000)0.dwg DATE: AUG 25, 2025 TIME: 8:14 PM

**MECHANICAL NOTES**

- ① PROVIDE AND INSTALL NEW D.D.C. CONTROL POINTS TO EXISTING AHU. INTERLOCK CONTROLS WITH THE NEW ENERGY MANAGEMENT SYSTEM SPECIFICATIONS. INSTALL NEW UNITARY CONTROLLER FOR EXISTING AHU.
- ② INTEGRATE EXISTING BOILERS INTO NEW CONTROL SYSTEM.
- ③ INSTALL NEW UNITARY CONTROLLER ON EACH EXISTING AHU.

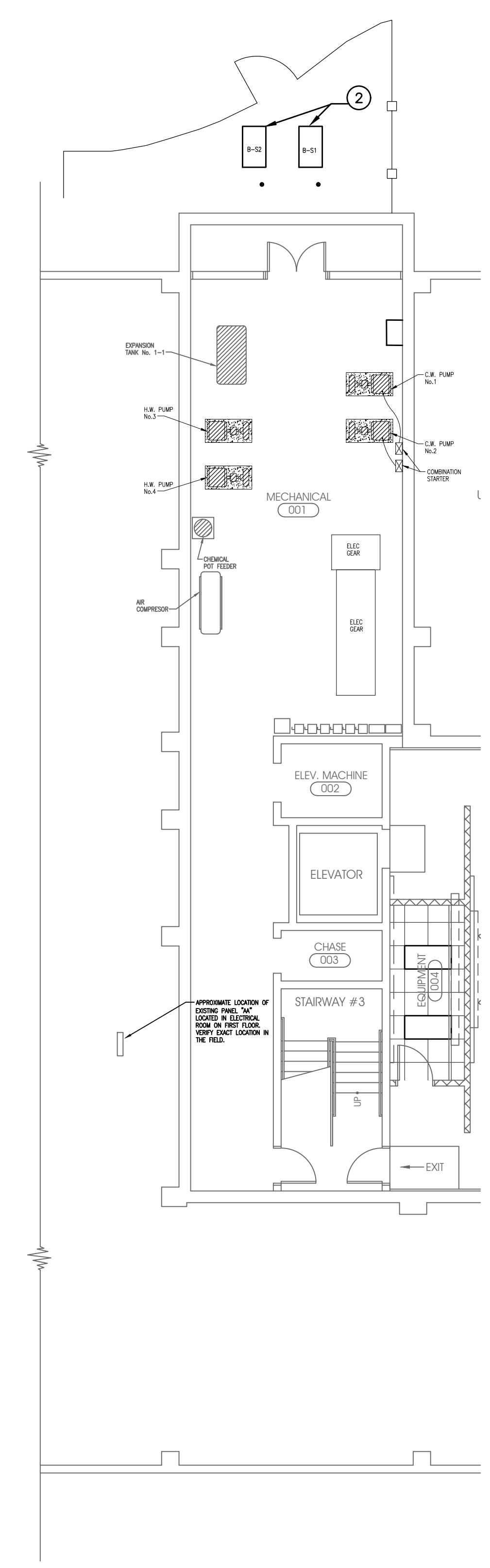
1104 Renford Dr. Suite F7 Lafayette, LA 70506  
 13201 Northwest Blvd. Ste 633 Houston, TX  
 (337)234-7474  
 Mechanical Contact: Davis Duvall  
 Email: dduvall@meconsulting.com  
 Electrical Contact: Terry Kirsch  
 Email: tkirsch@meconsulting.com  
 PROJECT NO.: 25050.00



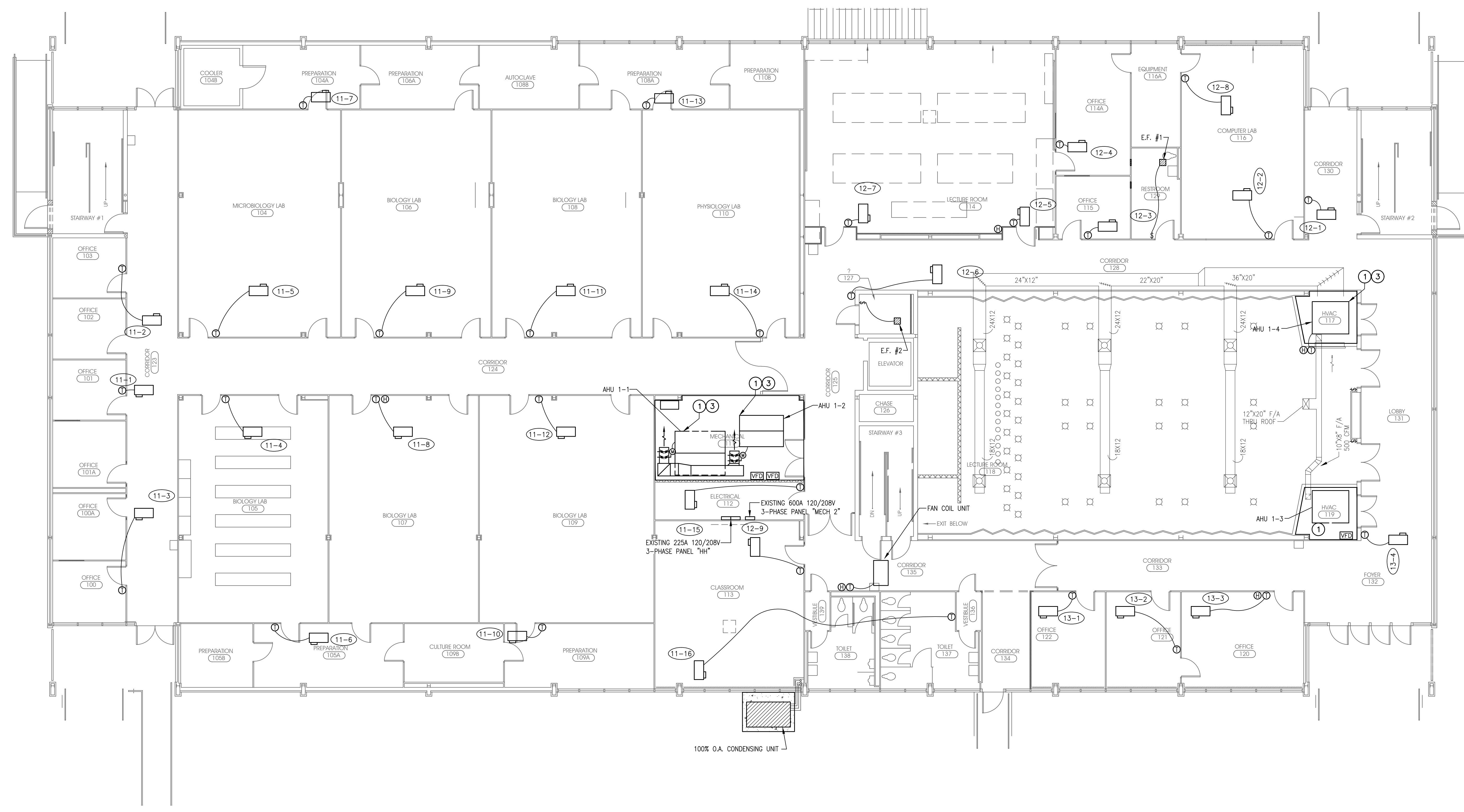
**FURNISH LABOR AND MATERIALS FOR CAMPUS WIDE  
 DIRECT DIGITAL HVAC CONTROL SYSTEM,  
 ITEM 54 LOUISIANA STATE UNIVERSITY  
 ALEXANDRIA, LOUISIANA**

PROJECT NO. 01-107-24-05, F-01004604

BID DOCUMENTS	
SCIENCE BUILDING	
DATE ISSUED	APRIL 6, 2026
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PROJECT NO.	25050.00
SHEET NO.	ME12.1



**MECHANICAL and ELECTRICAL  
 BASEMENT FLOOR PLAN**  
 SCALE: 1/8" = 1'-0"

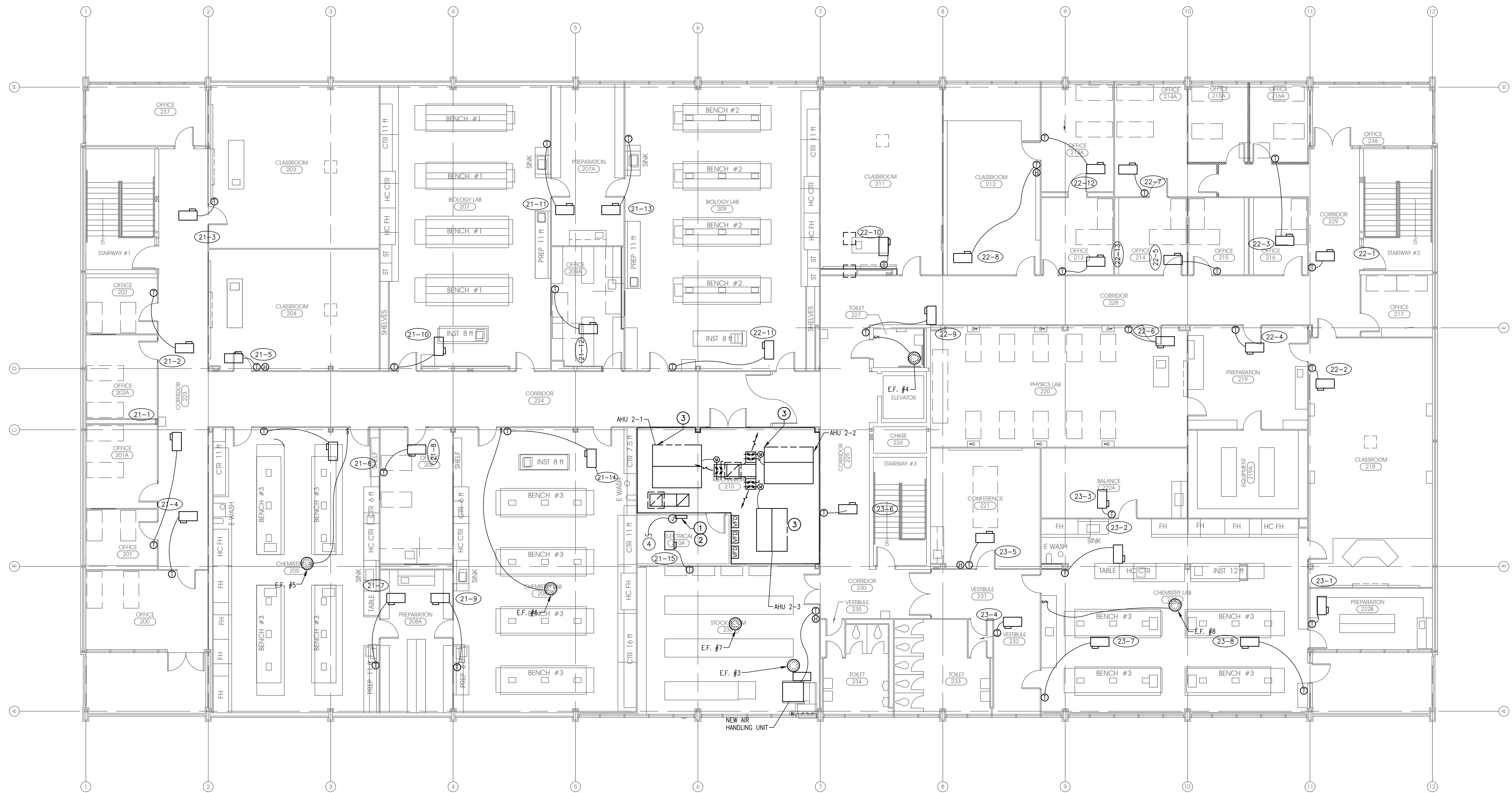


**MECHANICAL and ELECTRICAL FIRST FLOOR PLAN**  
 SCALE: 1/8" = 1'-0"



M & E CONSULTING, INC. (337) 234-7474 25050.ME.1 (A-0000).dwg DATE: AUG 25, 2025 TIME: 8:14 PM

M & E CONSULTING, INC. (337) 234-7474 25050.ME12.2 (Science Bldg-1st-2nd).dwg DATE: AUG 28, 2025 TIME: 2:11 PM

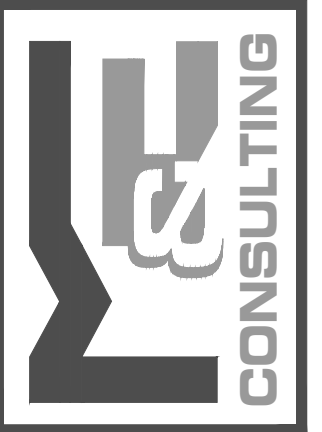


**MECHANICAL and ELECTRICAL SECOND FLOOR PLAN**  
SCALE: 1/8" = 1'-0"

**MECHANICAL/ELECTICAL NOTES**

- 1 REMOVE EXISTING JACE IN THIS VICINITY. PROVIDE AND INSTALL NEW JACE PANEL THIS VICINITY. INTERLOCK WITH NEW BUILDING CONTROLS PER SPECIFICATIONS. EXTEND AND CONNECT TO NEAREST AVAILABLE AND APPROVED ELECTRICAL SOURCE FOR POWER REQUIREMENTS.
- 2 DISCONNECT ELECTRICAL ASSOCIATED WITH REMOVAL OF EXISTING CONTROL PANEL.
- 3 PROVIDE AND INSTALL NEW D.D.C. CONTROL POINTS TO EXISTING AHU. INTERLOCK CONTROLS WITH THE NEW ENERGY MANAGEMENT SYSTEM SPECIFICATIONS. INSTALL NEW UNITARY CONTROLLER FOR EXISTING AHU.
- 4 RECONNECT EXISTING ELECTRICAL PREVIOUSLY SERVING EXISTING CONTROL PANEL WITH 3#12 IN 1/2" CONDUIT. COORDINATE OUTLET/DEVICE TYPE WITH PANEL PROVIDER. PROVIDE ADDITIONAL CONDUIT, WIRING, ETC. AS NEEDED.

1104 Bernard Dr. Suite F7 Lafayette, LA 70506  
13201 Northwest Blvd. Ste 633 Houston, TX  
Mechanical Contact: Davis Dval  
Email: dval@meconsulting.com  
Electrical Contact: Terry Ketch  
Email: terry@meconsulting.com  
PROJECT NO.: 25050.00



**FURNISH LABOR AND MATERIALS FOR CAMPUS WIDE  
DIRECT DIGITAL HVAC CONTROL SYSTEM,  
ITEM 54 LOUISIANA STATE UNIVERSITY  
ALEXANDRIA, LOUISIANA**

PROJECT NO. 01-107-24-05, F-01004604

BID DOCUMENTS	
SCIENCE BUILDING	
DATE ISSUED	APRIL 6, 2026
REVISED	
DRAWN BY	BDT
CHECKED BY	DD
PROJECT NO.	25050.00
SHEET NO.	ME12.2

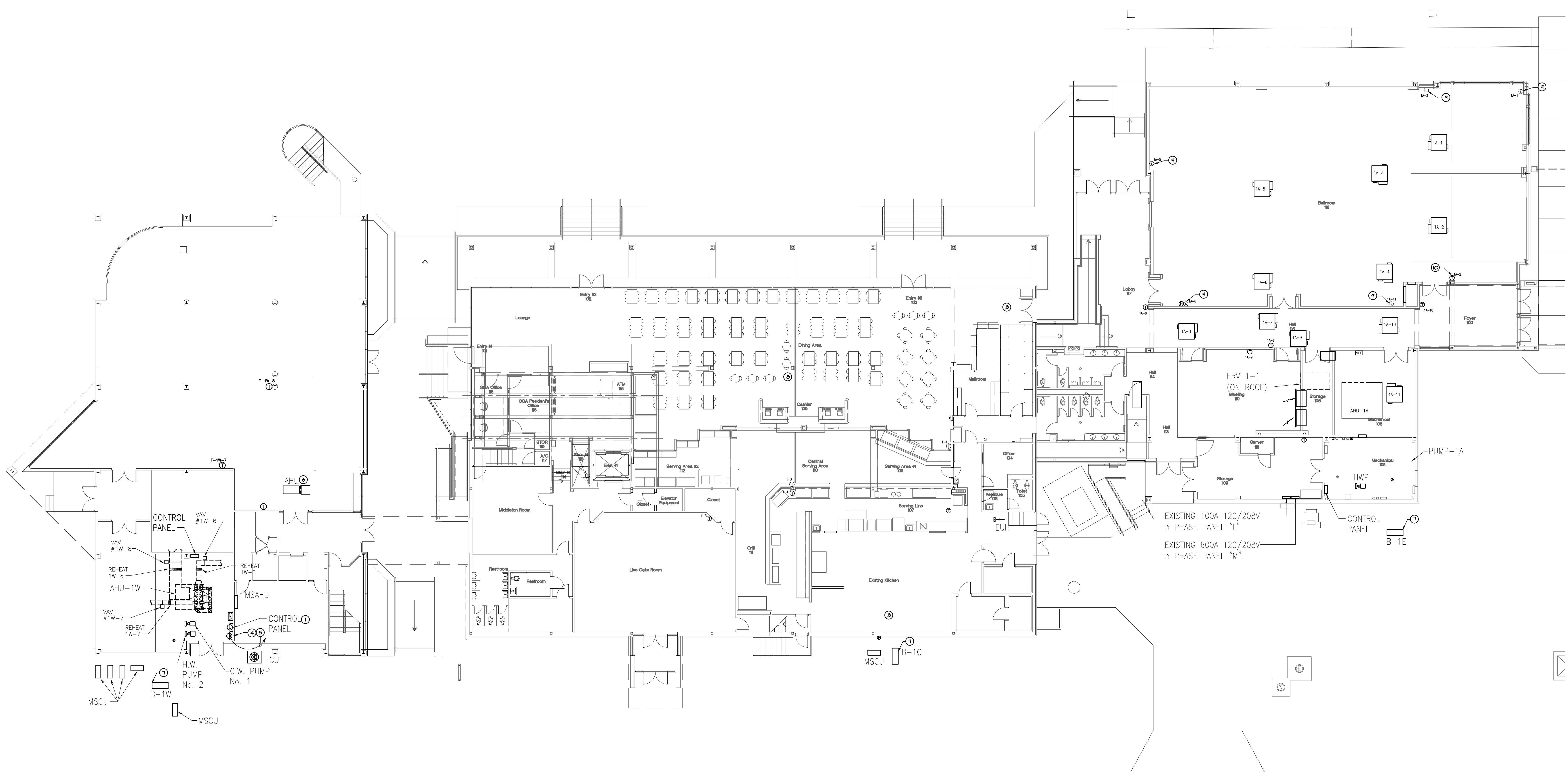




**FURNISH LABOR AND MATERIALS FOR CAMPUS WIDE  
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 ITEM 54 LOUISIANA STATE UNIVERSITY  
 ALEXANDRIA, LOUISIANA**

PROJECT NO. 01-107-24-05, F-01004604

BID DOCUMENTS	
STUDENT UNION	
DATE ISSUED	APRIL 6, 2026
REVISED	
DRAWN BY	BDT
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PROJECT NO.	25050.00
SHEET NO.	ME13.1



**MECHANICAL/ELECTRICAL NOTES**

- ① PROVIDE AND INSTALL NEW D.D.C. CONTROL PANEL AND POINTS TO EXISTING AHU. INTERLOCK CONTROLS WITH THE NEW ENERGY MANAGEMENT SYSTEM SPECIFICATIONS. INSTALL NEW UNITARY CONTROLLER FOR EXISTING AHU
- ② NOT USED.
- ③ NOT USED.
- ④ PROVIDE AND INSTALL NEW JACE PANEL THIS VICINITY. INTERLOCK WITH NEW BUILDING CONTROLS PER SPECIFICATIONS.
- ⑤ 1/2" CONDUIT WITH 3#12 TO A 20 AMP SINGLE POLE BEAKER IN EXISTING ELECTRICAL PANEL IN THIS VICINITY. CONTRACTOR TO PROVIDE BREAKER. VERIFY OUTLET DEVICE TYPE WITH PANEL PROVIDER. PROVIDE ADDITIONAL CONDUIT, WIRING, ETC. AS NEEDED.
- ⑥ PROVIDE NEW THERMOSTAT AND CONTROLLER AS REQUIRED AND INSTALL NEW D.D.C. CONTROL POINTS TO EXISTING AHU. INTERLOCK CONTROLS WITH THE NEW ENERGY MANAGEMENT SYSTEM SPECIFICATIONS. INSTALL NEW UNITARY CONTROLLER FOR EXISTING AHU AS REQUIRED.
- ⑦ INTEGRATE EXISTING BOILERS WITH NEW CONTROL SYSTEM.
- ⑧ INTEGRATE EXHAUST FAN 1,3,5,6,8 INTO NEW CONTROL SYSTEM.
- ⑨ EXISTING THERMOSTATS IN THIS VICINITY TO BE REPLACED WITH TEMPERATURE SENSOR. INTERLOCK TEMPERATURE SENSOR WITH MASTER THERMOSTAT FOR ALL SINGULAR CONTROL OF ALL VAVS. PROVIDE ANY NECESSARY TRANSFORMERS OR RELAYS FOR COMPLETE INTEGRATION.
- ⑩ MASTER THERMOSTAT IN THIS VICINITY. COORDINATE CONTROLS WITH OTHER SENSORS AS REQUIRED.

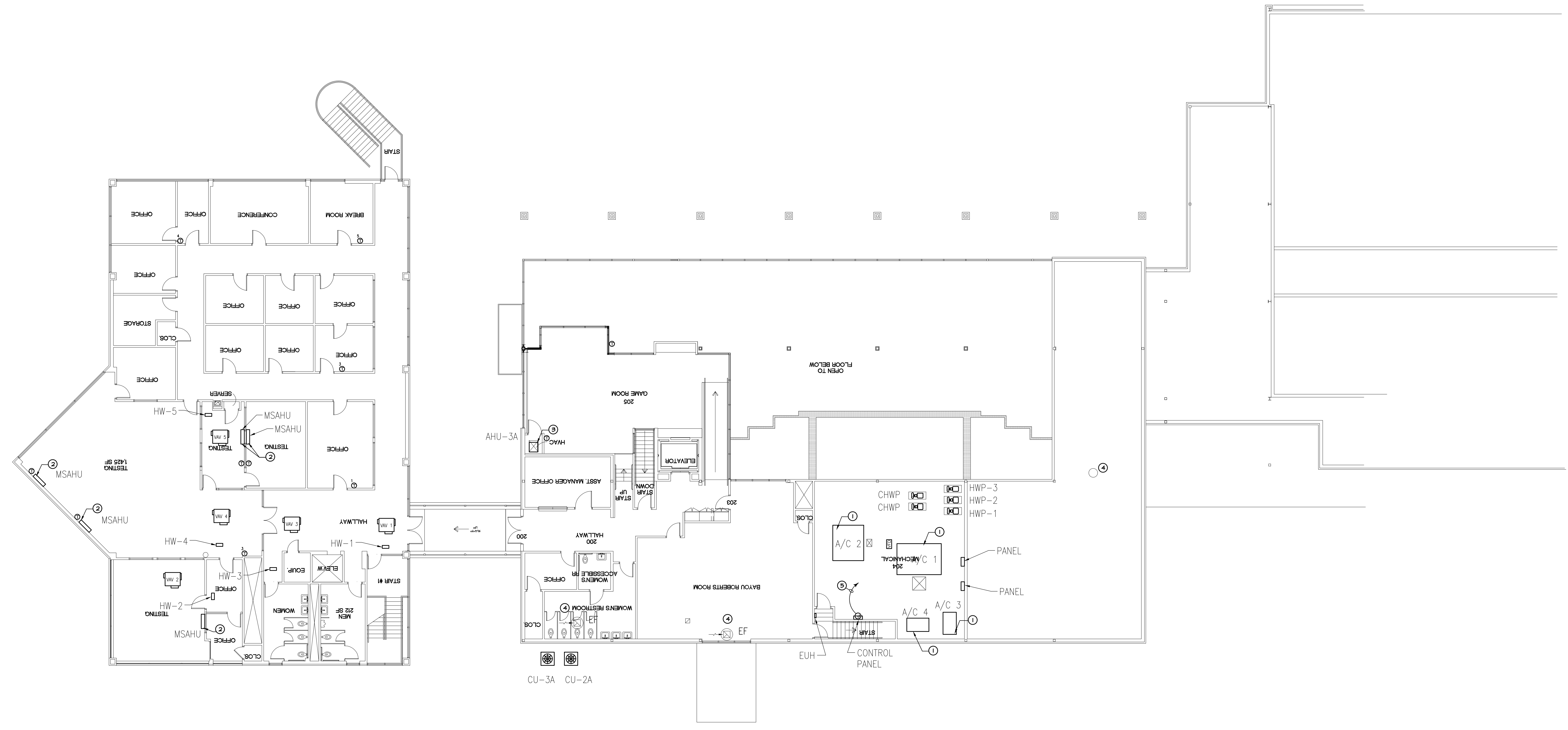
**MECHANICAL and ELECTRICAL FIRST FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"





FURNISH LABOR AND MATERIALS FOR CAMPUS WIDE  
 DIRECT DIGITAL HVAC CONTROL SYSTEM,  
 ITEM 54 LOUISIANA STATE UNIVERSITY  
 ALEXANDRIA, LOUISIANA  
 PROJECT NO. 01-107-24-05, F-01004604

BID DOCUMENTS	
STUDENT UNION	
DATE ISSUED	APRIL 6, 2026
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SHEET NO.	ME13.2



**MECHANICAL and ELECTRICAL SECOND FLOOR PLAN**  
 SCALE: 3/32" = 1'-0"

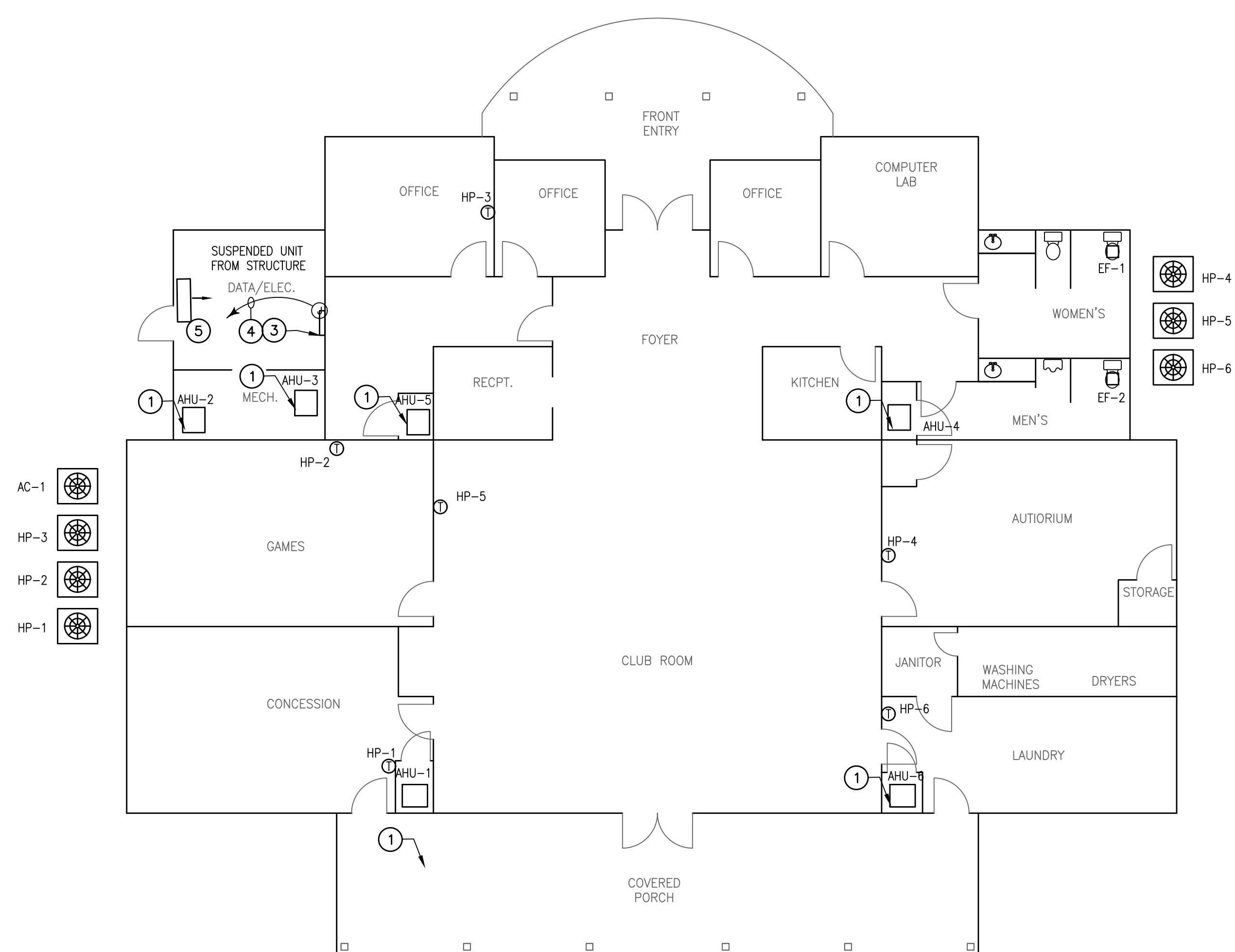
**MECHANICAL/ELECTRICAL NOTES**

- ① PROVIDE AND INSTALL NEW D.D.C. CONTROL PANEL AND POINTS TO EXISTING AHU. INTERLOCK CONTROLS WITH THE NEW ENERGY MANAGEMENT SYSTEM SPECIFICATIONS. INSTALL NEW UNITARY CONTROLLER FOR EXISTING AHU.
- ② PROVIDE MINI-SPLIT WITH NEW THERMOSTAT KIT. UNIT TO BE TIED INTO NEW DDC CONTROL SYSTEM.
- ③ PROVIDE NEW THERMOSTAT AND CONTROLLER AS REQUIRED AND INSTALL NEW D.D.C. CONTROL POINTS TO EXISTING AHU. INTERLOCK CONTROLS WITH THE NEW ENERGY MANAGEMENT SYSTEM SPECIFICATIONS. INSTALL NEW UNITARY CONTROLLER FOR EXISTING AHU AS REQUIRED.
- ④ INTEGRATE EXHAUST FAN 1,3,5,6,8 INTO NEW CONTROL SYSTEM.
- ⑤ 1/2" CONDUIT WITH 3#12 TO A 20 AMP SINGLE POLE BEAKER IN EXISTING ELECTRICAL PANEL IN THIS VICINITY. CONTRACTOR TO PROVIDE BREAKER. VERIFY OUTLET DEVICE TYPE WITH PANEL PROVIDER. PROVIDE ADDITIONAL CONDUIT, WIRING, ETC. AS NEEDED.

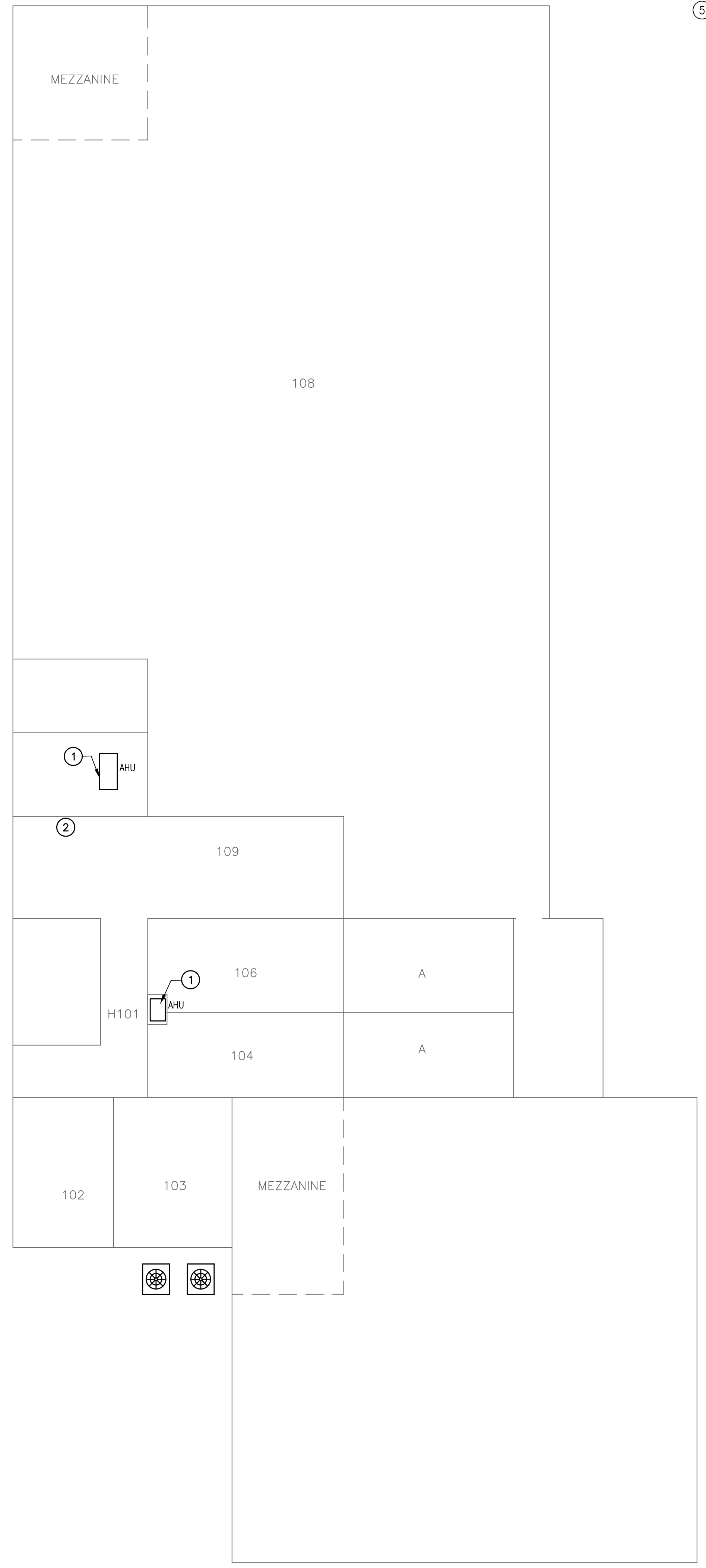




FILE INFO: C:\Users\jerry\OneDrive\Documents\Projects\Oaks Club House & Facility Services Building.dwg XREFS: 25050.ME15.1 (Oaks Club House - FP), 25050 (Facility Services - FP), PEDAVD MODIFIED: Apr 07, 2026 11:28am PLOTTED: Apr 23, 2026 2:39pm



**OAKS CLUB HOUSE**  
**MECHANICAL and ELECTRICAL PLAN**  
 SCALE: 1/8" = 1'-0"



**FACILITY SERVICES BUILDING**  
**MECHANICAL and ELECTRICAL PLAN**  
 SCALE: 1/8" = 1'-0"

- MECHANICAL/ELECTRICAL NOTES**
- 1 PROVIDE NEW THERMOSTAT AND CONTROLLER AS REQUIRED AND INSTALL NEW D.D.C. CONTROL POINTS TO EXISTING AHU. INTERLOCK CONTROLS WITH THE NEW ENERGY MANAGEMENT SYSTEM SPECIFICATIONS. INSTALL NEW UNITARY CONTROLLER FOR EXISTING AHU AS REQUIRED.
  - 2 PROVIDE NEW DATA DROP IN THIS VICINITY TO ALLOW FOR INTERFACE WITH NEW CONTROL SYSTEM ON CAMPUS. DATA DROP TO INCLUDE BACNET ROUTER. CONNECT TO NEAREST JACE IN VICINITY.
  - 3 PROVIDE AND INSTALL NEW DDC PANEL THIS VICINITY. NEW JACE TO BE LOCATED IN NEW CONTROL PANEL. PROVIDE UNITARY CONTROLLERS AS REQUIRED FOR DX UNITS. INTERLOCK WITH NEW BUILDING CONTROLS PER SPECIFICATIONS. EXTEND AND CONNECT TO NEAREST AVAILABLE AND APPROVED ELECTRICAL SOURCE FOR POWER REQUIREMENTS.
  - 4 1/2" CONDUIT WITH 3#12 TO A 20 SINGLE POLE BREAKER IN EXISTING ELECTRICAL PANEL IN THIS VICINITY. CONTRACTOR TO PROVIDE BREAKER VERIFY OUTLET DEVICE TYPE WITH PANEL PROVIDER. PROVIDE ADDITIONAL CONDUIT, WIRING, ETC. AS NEEDED.
  - 5 VERIFY OPERATION OF UNIT. IF UNIT IS IN WORKING ORDER PROVIDE MINI-SPLIT WITH NEW THERMOSTAT KIT. UNIT TO BE TIED INTO NEW DDC CONTROL SYSTEM.

**FURNISH LABOR AND MATERIALS FOR CAMPUS WIDE  
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 ITEM 54 LOUISIANA STATE UNIVERSITY  
 ALEXANDRIA, LOUISIANA**  
 PROJECT NO. 01-107-24-05, F.01004604

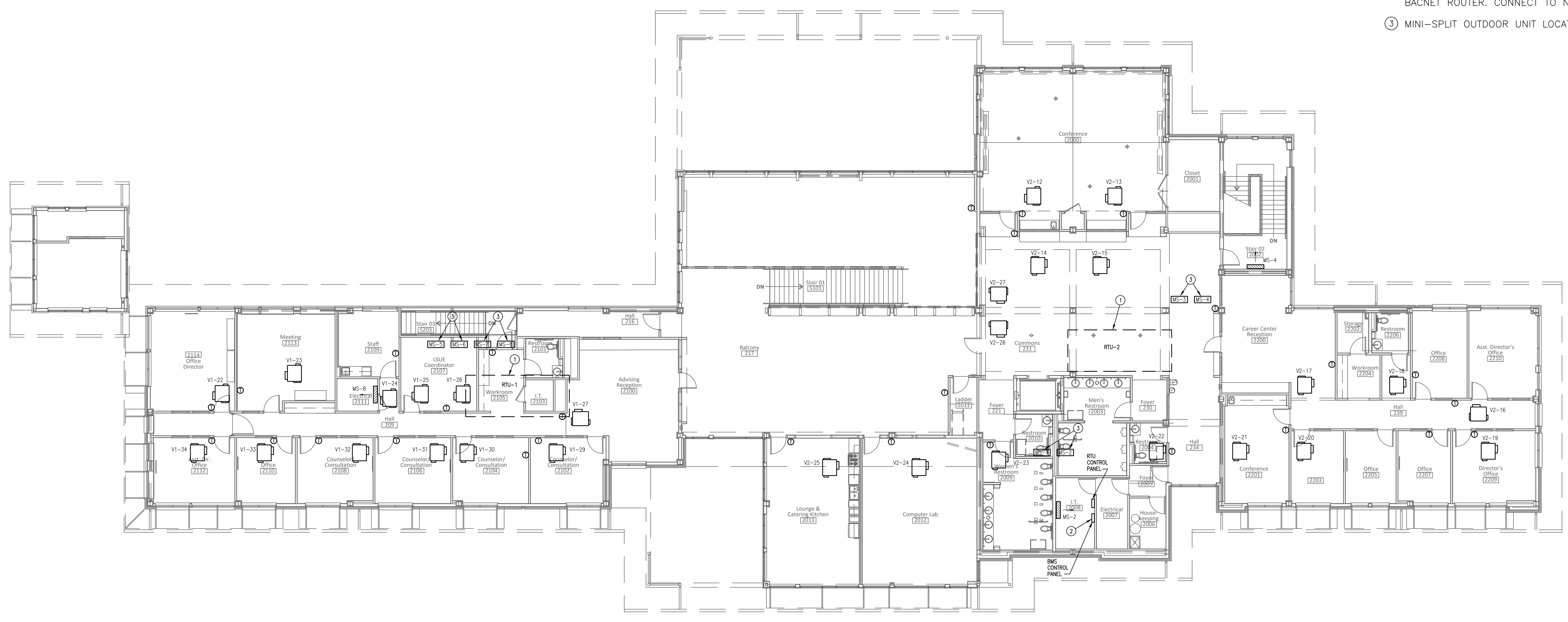
BID DOCUMENTS	
OAKS CLUB HOUSE & FACILITY SERVICES BUILDING	
DATE ISSUED	APRIL 6, 2026
REVISED	
DRAWN BY	BDT
CHECKED BY	DD
PROJECT NO.	25050.00
SHEET NO.	ME15.1

1104 Bernard Dr. Suite F7 Lafayette, LA 70506  
 13201 Northwest Blvd. Ste 633 Houston, TX  
 (337)234-7474  
 Mechanical Contact: Davis Dault  
 Email: ddault@meconsulting.com  
 Electrical Contact: Terry Ketch  
 Email: terry@meconsulting.com  
 PROJECT NO.: 25050.00

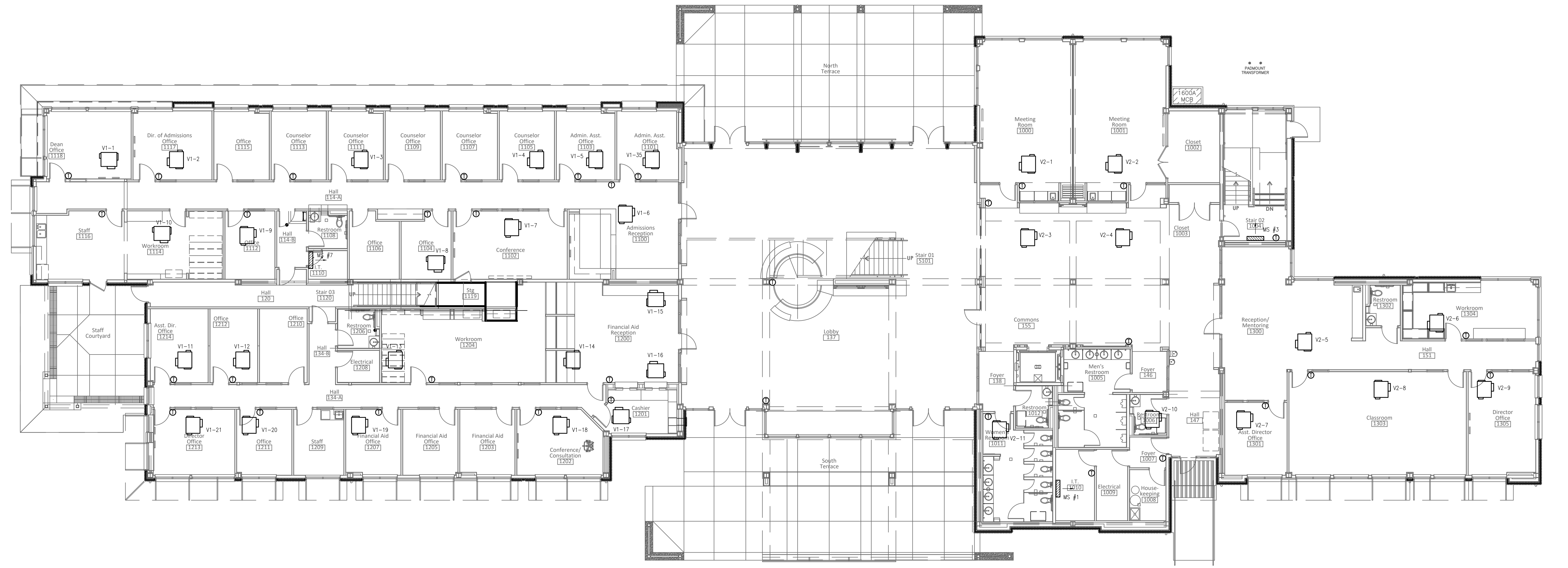




FILE INFO: C:\Users\jdm\OneDrive\Documents\Projects\25050\25050 ME17.1 (Student Success Center-FF2). PEDAVID MODIFIED: Apr 07, 2026 11:28am  
 PLOTTED: Apr 23, 2026 10:26m B18



**2ND FLOOR**  
**MECHANICAL and ELECTRICAL PLAN**  
 SCALE: 1" = 10'-0"



**1ST FLOOR**  
**MECHANICAL and ELECTRICAL PLAN**  
 SCALE: 1" = 10'-0"

**MECHANICAL/ELECTRICAL NOTES**

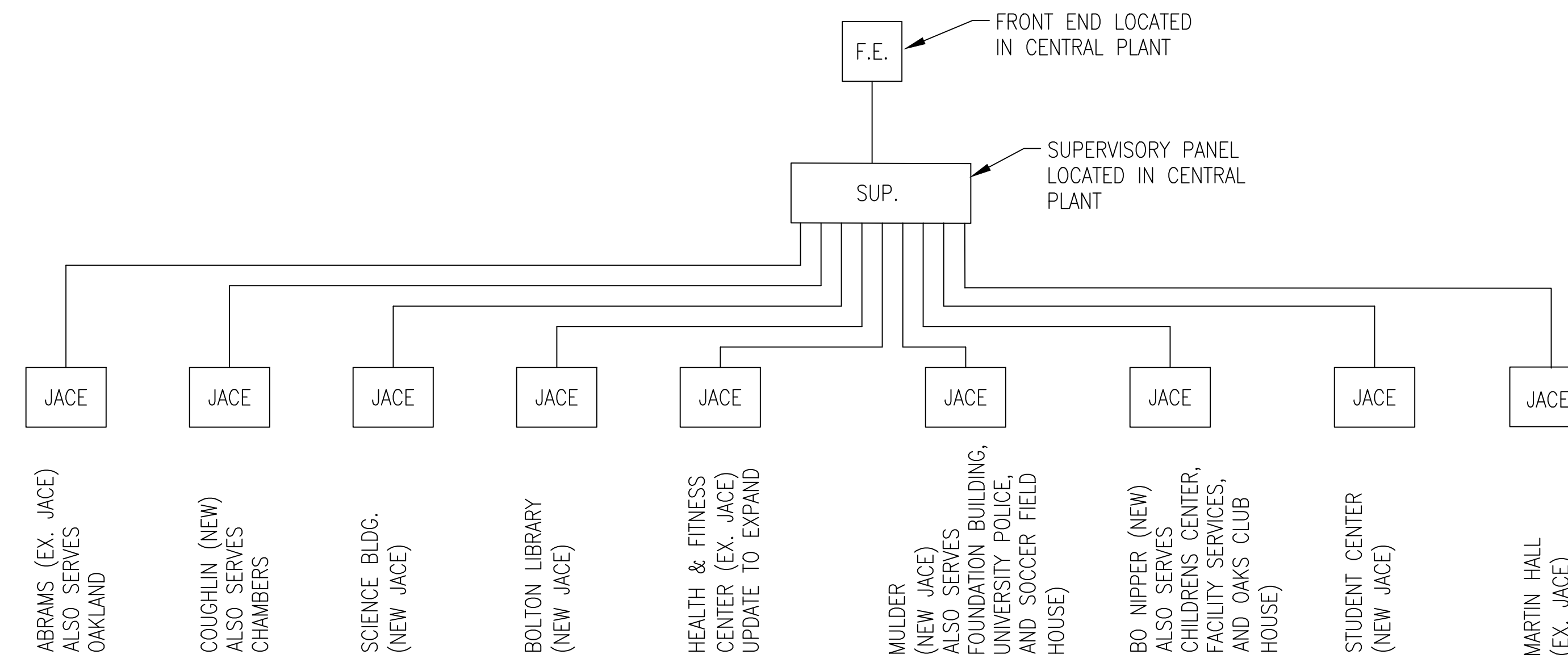
- ① EXISTING RTU CONTROL SYSTEM SHALL BE INTEGRATED INTO NEW BUILDING CONTROLS.
- ② PROVIDE NEW DATA DROP IN THIS VICINITY TO ALLOW FOR INTERFACE WITH NEW CONTROL SYSTEM ON CAMPUS. DATA DROP TO INCLUDE BACNET ROUTER. CONNECT TO NEAREST JACE IN VICINITY.
- ③ MINI-SPLIT OUTDOOR UNIT LOCATED ON THE ROOF.

**FURNISH LABOR AND MATERIALS FOR CAMPUS WIDE  
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 ITEM 54 LOUISIANA STATE UNIVERSITY  
 ALEXANDRIA, LOUISIANA**

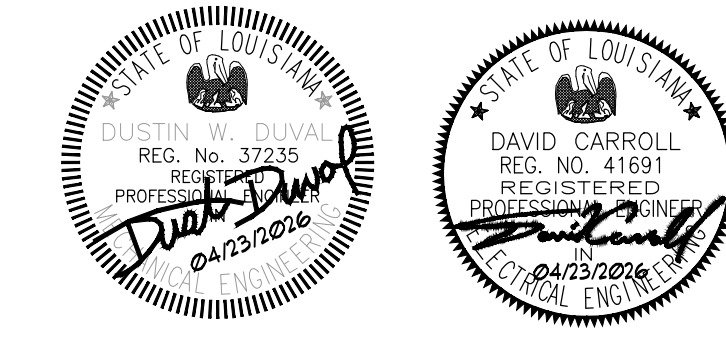
BID DOCUMENTS	
MARTIN HALL	
DATE ISSUED	APRIL 6, 2026
REVISION	
DRAWN BY	BDT
CHECKED BY	DD
PROJECT NO.	25050.00
SHEET NO.	ME17.1

1104 Renard Dr. Suite F7, Lafayette, LA 70506  
 13201 Northwest Blvd, Ste 633, Houston, TX  
 Mechanical Contact: Devin Dval  
 Email: dval@meconsulting.com  
 Electrical Contact: Terry Ketch  
 Email: terry@meconsulting.com  
 PROJECT NO.: 25050.00





**CONTROL RISER DIAGRAM**  
NO SCALE:



**FURNISH LABOR AND MATERIALS FOR CAMPUS WIDE  
DIRECT DIGITAL HVAC CONTROL SYSTEM,  
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SHEET NO.	ME18.1

