



PIKE ■ McFARLAND ■ HALL
ASSOCIATES, INC.
ARCHITECTS AND PLANNERS

ADDENDUM NO. 2
HORRY GEORGETOWN TECHNICAL COLLEGE
RENOVATIONS TO GT BUILDINGS 100 AND 500
GEORGETOWN, SOUTH CAROLINA
PMH PROJECT NO. 23002/23003
STATE PROJECT NO. H59-N220-CB/H59-N221-CB
April 5, 2023

NOTE: ADDENDUM NO. 2 HAS BEEN SENT TO GENERAL CONTRACTORS ONLY. GENERAL CONTRACTORS ARE RESPONSIBLE FOR COMMUNICATION OF THE ITEMS CONTAINED WITHIN THIS ADDENDUM TO APPROPRIATE SUB-CONTRACTORS.

THIS ADDENDUM CONTAINS:

- TWO (2) PAGES OF WRITTEN ADDENDUM
- FIVE (5) PAGES OF DRAWINGS

The following changes, modifications, and/or clarifications to the contract documents are a part thereof and change the original documents only in the manner and to the extent stated.

DRAWINGS

1. SHEET E003
 - A. Contractor's attention is directed to SHEET E003. Contractor is advised to omit this Sheet in its entirety and replace with SHEET E003 (attached herewith) consisting of 1 page dated 4/4/23 for additional notes to light fixture and lab distribution panel schedules.
2. SHEET E010
 - A. Contractor's attention is directed to SHEET E010. Contractor is advised to omit this Sheet in its entirety and replace with SHEET E010 (attached herewith) consisting of 1 page dated 4/4/23 for an updated one-line diagram and a temporary one-line diagram.
3. SHEET E050
 - A. Contractor's attention is directed to SHEET E050. Contractor is advised to omit this Sheet in its entirety and replace with SHEET E050 (attached herewith) consisting of 1 page dated 4/4/23 for an updated panel schedule.
4. SHEET E100
 - A. Contractor's attention is directed to SHEET E100. Contractor is advised to insert this Sheet (attached herewith) consisting of 1 page dated 4/4/23 for an overall Building 100 electrical plan. (Building 100 only).

5. SHEET E101

- A. Contractor's attention is direct to SHEET E101. Contractor is advised to omit this Sheet in its entirety and replace with Sheet E101 (attached herewith) consisting of 1 page dated 4/4/23 for a change to the circuiting to EF-1. (Building 100 only).

APPROVED EQUIVALENTS

The following manufacturers have been approved as equivalents.

SECTION 265100
(Lighting)

Fixture "A" and "AE"
by Elite Lighting or Porter Lighting

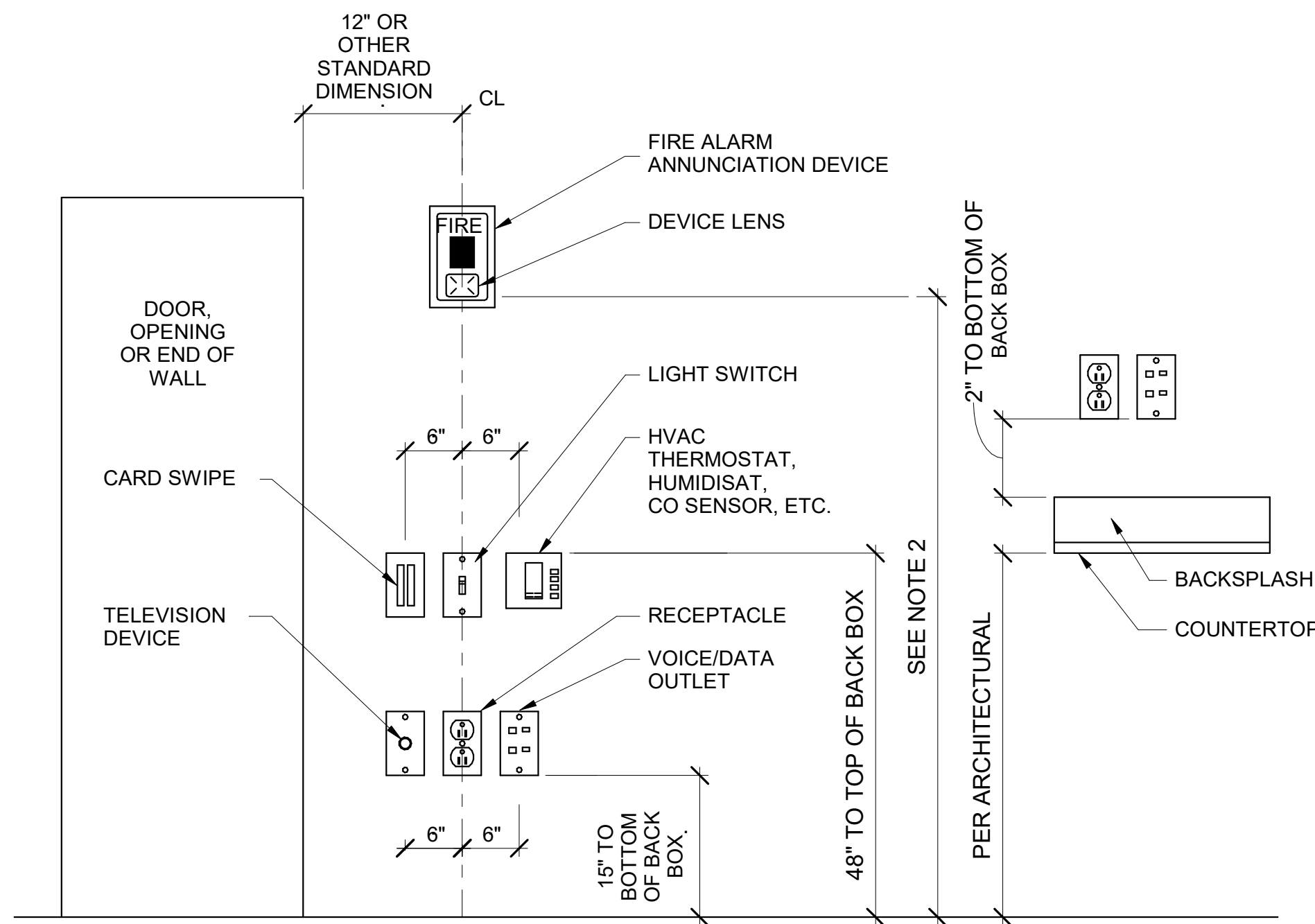
Fixture "EM1"
by Beghelli USA

Fixture "J1"
by Elite Lighting

Fixture "X2" and "X3"
by Beghelli USA

END OF ADDENDUM NO. 2

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NOTE 1:
DEVICES SHOWN WITHIN 48" OF EACH OTHER ON ALL ELECTRICAL PLANS SHALL BE ALIGNED PER THIS DETAIL. IF DEVICES ARE SHOWN IN MIDDLE OF WALL, THEN CENTER DEVICES ON WALL.

NOTE 2:
MOUNT 80" ABOVE FINISHED FLOOR WHERE POSSIBLE. WHERE CEILING HEIGHTS DO NOT ALLOW THIS HEIGHT, MOUNT 6" BELOW CEILING. WHERE OBSTRUCTIONS DO NOT ALLOW THIS HEIGHT, MOUNT 80" TO 96" ABOVE FINISHED FLOOR. ALL MOUNTING HEIGHTS FOR NOTIFICATION DEVICES SHALL BE MEASURED TO THE BOTTOM OF THE LENS.

1
E003
DEVICE ALIGNMENT DETAIL
SCALE: N.T.S.

FIXTURE SPECIFICATIONS				LAMPING			ELECTRICAL		FIXTURE MOUNTING	
TYPE	FIXTURE DESCRIPTION	MANUFACTURER	CAT. #	NO.	LAMP TYPE	TOTAL LUMENS	COLOR TEMP.	LOAD (VA)		VOLTS
A	HIGHBAY LED	LITHONIA	IBE 22LM MVOLT 40K	18	LED	21,067	4000 K	166	120 V	SUSPENDED CABLE
AE	HIGHBAY LED	LITHONIA	IBE 22LM MVOLT 40K	18	LED	21,067	4000 K	166	120 V	SUSPENDED CABLE
EM1	EMERGENCY LIGHT	LITHONIA	EU2C	3	LED	NA	NA	2	120 V	WALL
J1	4' STRIP	LITHONIA	00193048852622 4	2	LED	4298	4000 K	35	120 V	CEILING
X2	EXIT SIGN, DUAL FACE	COMPASS	CER	1	LED	NA	NA	2	120 V	CEILING
X3	EXIT SIGN, SINGLE FACE	COMPASS	CER	1	LED	NA	NA	2	120 V	WALL

LIGHT FIXTURE SCHEDULE NOTES:
 1. FIXTURE "A" AND "AE" MANUFACTURED BY ELITE LIGHTING OR PORTER LIGHTING SHALL BE USED AS ACCEPTABLE ALTERNATES.
 2. FIXTURE "EM1" MANUFACTURED BY BEGHELLI USA SHALL BE USED AS AN ACCEPTABLE ALTERNATE.
 3. FIXTURE "J1" MANUFACTURED BY ELITE LIGHTING SHALL BE USED AS AN ACCEPTABLE ALTERNATE.
 4. FIXTURE "X2" AND "X3" MANUFACTURED BY BEGHELLI USA SHALL BE USED AS ACCEPTABLE ALTERNATES.

EQUIPMENT CONNECTION SCHEDULE					
UNIT I.D.	VOLTS	# OF POLES	LOAD (VA)	BRANCH CIRCUIT WIRING	DISCONNECT / STARTER
FANS					
EF-1	120 V	1	1656	2#12, 1#12G, 3/4"C	MOTOR-RATED TOGGLE SWITCH
EF-2	120 V	1	1656	2#12, 1#12G, 3/4"C	MOTOR-RATED TOGGLE SWITCH
EF-3	120 V	1	1656	2#12, 1#12G, 3/4"C	MOTOR-RATED TOGGLE SWITCH
LAB AIR HANDLER					
AHU-1	208 V	2	4992	2#10, 1#12G, 3/4"C	30A/2/TYPE 1
AHU-2	208 V	2	4992	2#10, 1#12G, 3/4"C	30A/2/TYPE 1
AHU-3	208 V	2	4992	2#10, 1#12G, 3/4"C	30A/2/TYPE 1
AHU-4	208 V	2	4992	2#10, 1#12G, 3/4"C	30A/2/TYPE 1
AHU-5	208 V	2	4992	2#10, 1#12G, 3/4"C	30A/2/TYPE 1
AHU-6	208 V	2	4992	2#10, 1#12G, 3/4"C	30A/2/TYPE 1
AHU-7	208 V	2	4992	2#10, 1#12G, 3/4"C	30A/2/TYPE 1
AHU-8	208 V	2	4992	2#10, 1#12G, 3/4"C	30A/2/TYPE 1
AHU-9	208 V	2	4992	2#10, 1#12G, 3/4"C	30A/2/TYPE 1
AHU-10	208 V	2	4992	2#10, 1#12G, 3/4"C	30A/2/TYPE 1
AHU-11	208 V	2	4992	2#10, 1#12G, 3/4"C	30A/2/TYPE 1
AHU-12	208 V	2	4992	2#10, 1#12G, 3/4"C	30A/2/TYPE 1
AHU-13	208 V	2	4992	2#10, 1#12G, 3/4"C	30A/2/TYPE 1
AHU-14	208 V	2	4992	2#10, 1#12G, 3/4"C	30A/2/TYPE 1
AHU-15	208 V	2	4992	2#10, 1#12G, 3/4"C	30A/2/TYPE 1
AHU-16	208 V	2	4992	2#10, 1#12G, 3/4"C	30A/2/TYPE 1
AHU-17	208 V	2	4992	2#10, 1#12G, 3/4"C	30A/2/TYPE 1
AHU-18	208 V	2	4992	2#10, 1#12G, 3/4"C	30A/2/TYPE 1
AHU-19	208 V	2	4992	2#10, 1#12G, 3/4"C	30A/2/TYPE 1
AHU-20	208 V	2	4992	2#10, 1#12G, 3/4"C	30A/2/TYPE 1
AHU-21	208 V	2	4992	2#10, 1#12G, 3/4"C	30A/2/TYPE 1
AHU-22	208 V	2	4992	2#10, 1#12G, 3/4"C	30A/2/TYPE 1
AHU-23	208 V	2	4992	2#10, 1#12G, 3/4"C	30A/2/TYPE 1
AHU-24	208 V	2	4992	2#10, 1#12G, 3/4"C	30A/2/TYPE 1
AHU-25	120 V	1	2400	2#10, 1#12G, 3/4"C	20A/1/TYPE 1
AHU-26	120 V	1	2400	2#10, 1#12G, 3/4"C	20A/1/TYPE 1
AHU-27	120 V	1	2400	2#10, 1#12G, 3/4"C	20A/1/TYPE 1
AHU-28	120 V	1	2400	2#10, 1#12G, 3/4"C	20A/1/TYPE 1
AHU-29	120 V	1	2400	2#10, 1#12G, 3/4"C	20A/1/TYPE 1
AHU-30	120 V	1	2400	2#10, 1#12G, 3/4"C	20A/1/TYPE 1
AHU-31	120 V	1	2400	2#10, 1#12G, 3/4"C	20A/1/TYPE 1
AHU-32	120 V	1	2400	2#10, 1#12G, 3/4"C	20A/1/TYPE 1
LAB CONDENSING UNIT					
CU-1	208 V	2	2933	2#12, 1#12G, 3/4"C	20A/2/TYPE 1
CU-2	208 V	2	2933	2#12, 1#12G, 3/4"C	20A/2/TYPE 1
CU-3	208 V	2	2933	2#12, 1#12G, 3/4"C	20A/2/TYPE 1
CU-4	208 V	2	2933	2#12, 1#12G, 3/4"C	20A/2/TYPE 1
CU-5	208 V	2	2933	2#12, 1#12G, 3/4"C	20A/2/TYPE 1
CU-6	208 V	2	2933	2#12, 1#12G, 3/4"C	20A/2/TYPE 1
CU-7	208 V	2	2933	2#12, 1#12G, 3/4"C	20A/2/TYPE 1
CU-8	208 V	2	2933	2#12, 1#12G, 3/4"C	20A/2/TYPE 1
CU-9	208 V	2	2933	2#12, 1#12G, 3/4"C	20A/2/TYPE 1
CU-10	208 V	2	2933	2#12, 1#12G, 3/4"C	20A/2/TYPE 1
CU-11	208 V	2	2933	2#12, 1#12G, 3/4"C	20A/2/TYPE 1
CU-12	208 V	2	2933	2#12, 1#12G, 3/4"C	20A/2/TYPE 1
CU-13	208 V	2	2933	2#12, 1#12G, 3/4"C	20A/2/TYPE 1
CU-14	208 V	2	2933	2#12, 1#12G, 3/4"C	20A/2/TYPE 1
CU-15	208 V	2	2933	2#12, 1#12G, 3/4"C	20A/2/TYPE 1
CU-16	208 V	2	2933	2#12, 1#12G, 3/4"C	20A/2/TYPE 1

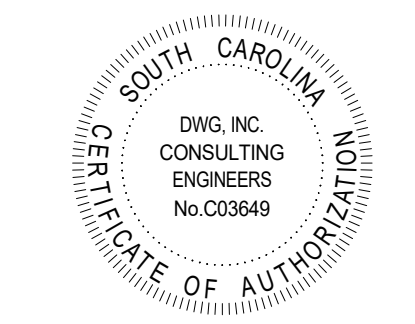
EQUIPMENT CONNECTION SCHEDULE NOTES:
 1. DISCONNECT SWITCHES SHALL BE MOUNTED TO RESPECTIVE UNIT. EACH CIRCUIT SHALL BE RUN IN ELECTRO-METAL TUBING FROM PANEL TO JUNCTION BOX IN CEILING ABOVE UNIT VIA SO CORD DROP FROM JUNCTION BOX TO UNIT DISCONNECT.

LAB DISTRIBUTION PANEL SCHEDULE										
PANEL NAME: LDP		VOLTS: 120/208 Wye		A.I.C. RATING: 33000		PHASES: 3		MAINS RATING: 600 A		
LOCATION: HVAC LAB 100		SUPPLY FROM:		MOUNTING: SURFACE		ENCLOSURE: TYPE 1		MOUNTING: SURFACE		
CKT NO.	CIRCUIT DESIGNATION	TRIP	POLES	A	B	C	POLES	TRIP	CIRCUIT DESIGNATION	CKT NO.
1				22410 VA / 720 VA			1	20 A	RCPT - CANOPY	2
3	LAB PANEL 1	225 A	3		24550 VA / 0 VA		1	20 A	SPARE	4
5				0 VA / 22410 VA		19560 VA / 0 VA	1	20 A	SPARE	6
7	SPARE	20 A	1							8
9	LTG - HVAC LAB	20 A	1		1290 VA / 24550 VA		3	225 A	LAB PANEL 2	10
11	SPARE	20 A	1			0 VA / 19560 VA				12
13				21340 VA / 0 VA			1	20 A	SPARE	14
15	LAB PANEL 3	225 A	3		21150 VA / 0 VA		1	20 A	SPARE	16
17						19780 VA / 210 VA	1	20 A	LTG - CANOPY	18
TOTAL PHASE LOAD:				66760 VA	71383	59060				
TOTAL PHASE CURRENT:				566 A	605 A	492 A				
				PANEL TOTALS						
				TOTAL ADDITIONAL LOAD: 197180 VA						
				TOTAL ADDITIONAL CURRENT: 547 A						

NOTES:
 • LDP SHALL BE OWNER PROVIDED, CONTRACTOR INSTALLED



PIKE McFARLAND HALL ASSOCIATES, INC.
ARCHITECTS & PLANNERS



PROJECT

HORRY-GEORGETOWN TECHNICAL COLLEGE
RENOVATIONS TO:
BUILDING 100 & BUILDING 500
GEORGETOWN, SOUTH CAROLINA

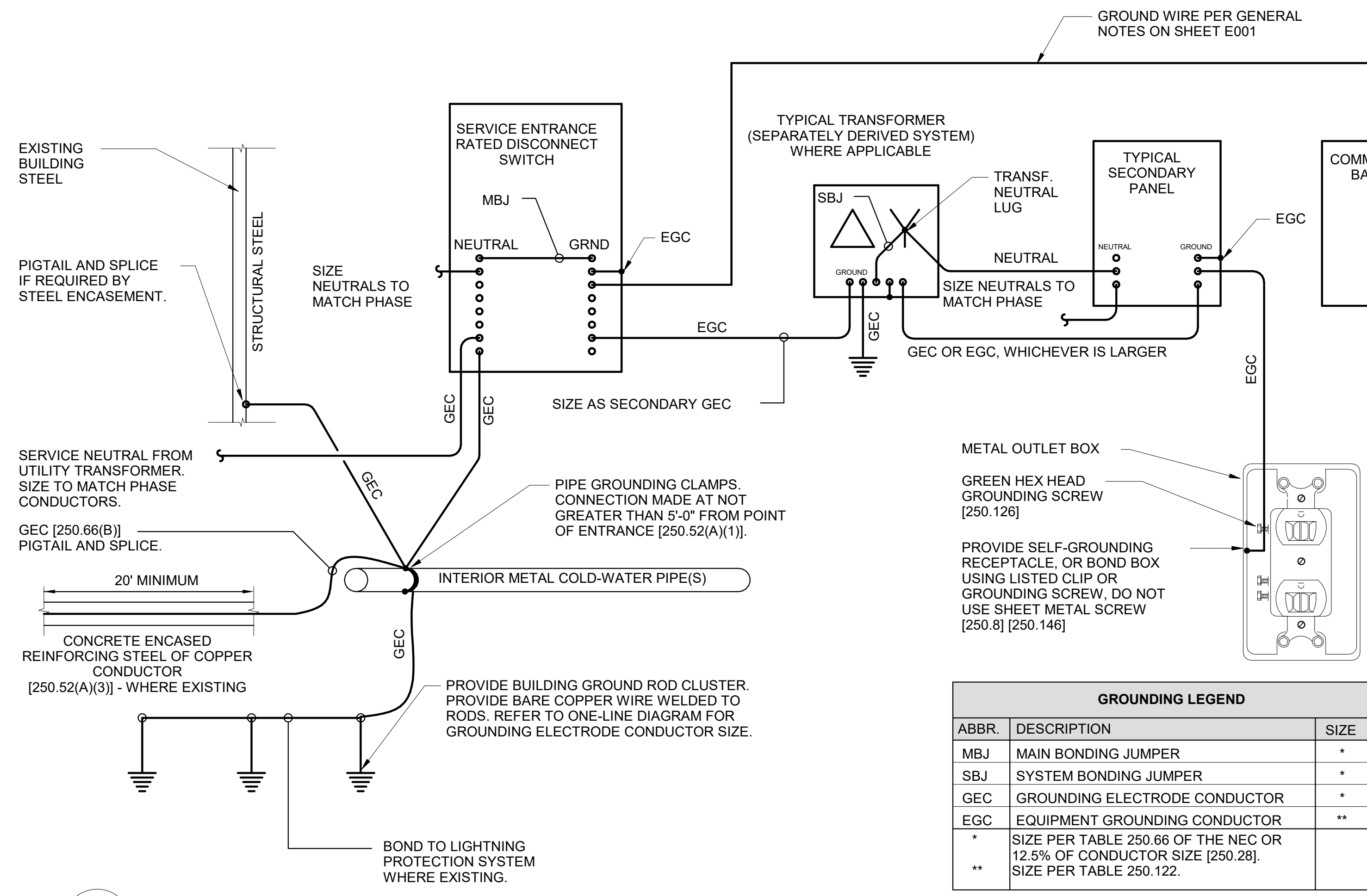
COMM: 23002
 OSE:
 BLDG. 100: H59-N220-CB
 BLDG. 500: H59-N221-CB
 FILE: 23004-00
 DRAWN BY: EMB
 PLOT:
 DATE: 03/20/2023
 REV: 2 04/04/2023

SHEET

E003

PIKE McFARLAND HALL ASSOCIATES, INC. 1300 PROFESSIONAL DRIVE, SUITE 201, MYRTLE BEACH, SOUTH CAROLINA 29577 PHONE: (843) 497-0272 FAX: (843) 497-0271 PMH@PMHARCHITECTS.COM

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GROUNDING NOTES:

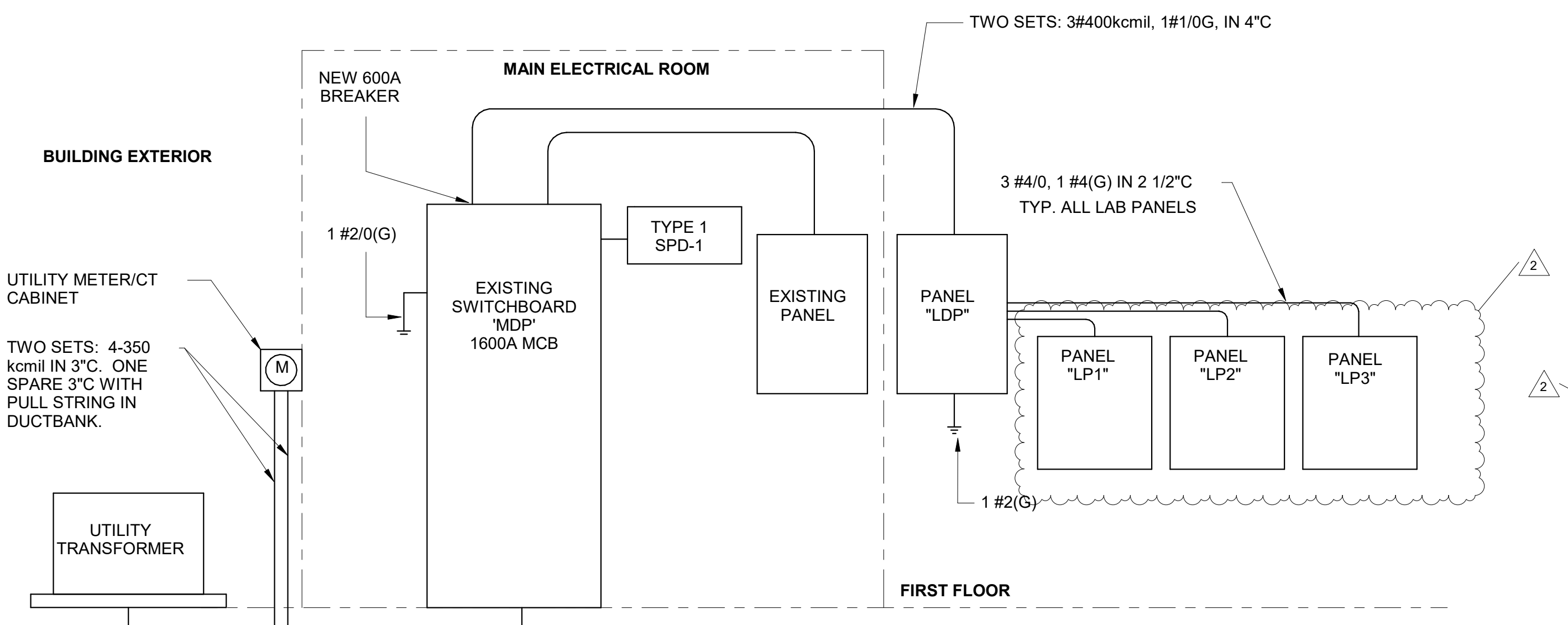
- NUMBERS IN BRACKETS REFER TO SPECIFIC SECTIONS OF THE NATIONAL ELECTRICAL CODE.
- ALL UNDERGROUND OR OTHERWISE INACCESSIBLE GROUND CONNECTIONS AND SPLICES SHALL BE EXOTHERMICALLY WELDED [250.68].
- GROUND ELECTRODE FOR SEPARATELY DERIVED SYSTEMS SHALL BE THE NEAREST METAL WATER PIPE OR STRUCTURAL METAL. IF EITHER IS NOT AVAILABLE, PROVIDE GROUNDING CONDUCTOR BACK TO MAIN GROUND BUS AT SERVICE ENTRANCE.
- PROVIDE A GROUND WIRE IN ALL CONDUITS.
- EARTH SHALL NOT BE USED AS THE SOLE GROUND RETURN PATH FOR ANY EQUIPMENT POWERED UNDER THIS PROJECT. OTHERWISE OVERCURRENT PROTECTION MIGHT NOT WORK, OR IT MIGHT CAUSE POWER QUALITY PROBLEMS.
- NO ALUMINUM SHALL BE USED FOR GROUNDING WORK WITHOUT THE SPECIFIC WRITTEN PERMISSION OF THE ENGINEER. EXCEPTION: ALUMINUM BUILDING STRUCTURAL MATERIALS SHALL BE BONDED WITH LISTED ALUMINUM EQUIPMENT WITH ALUMINUM TO COPPER CONNECTORS FOR ROUTING COPPER EGC'S.
- PROVIDE GROUNDING BUSHING ON BOTH ENDS OF ALL SERVICE ENTRANCE RACEWAYS IF METAL RACEWAY IS USED, SIZE AS A GEC [250.80]. THIS INCLUDES RIGID STEEL ELBOWS ON PVC CONDUIT.
- ALL METAL ENCLOSURES AND RACEWAYS SHALL BE BONDED TO GROUND [250.86]. FOR CIRCUITS OVER 250V PROVIDE BOND PER [250.97], STANDARD LOCKNUTS ARE NOT ACCEPTABLE.
- PROVIDE EGC CONNECTED TO ANY JUNCTION BOX WHERE SPLICE IS MADE [250.148].
- PROVIDE BOND TO EXPOSED METAL ON ALL MOTORS, PUMPS, AND LIGHTING FIXTURES PER [250.112].
- FOR LIGHTNING PROTECTION SYSTEM, PROVIDE LIGHTNING PROTECTION GROUND RODS LOOPE TOGETHER WITH COPPER CABLE, OTHERWISE BONDING CONDUCTOR WILL ONLY CONNECT TO ONE DOWN CONDUCTOR ROD. VERIFY THAT LIGHTNING PROTECTION DOWN CONDUCTORS ARE BONDED TO LOCAL GROUND METAL TO PREVENT FLASHOVER.

GROUNDING LEGEND		
ABBR.	DESCRIPTION	SIZE
MBJ	MAIN BONDING JUMPER	*
SBJ	SYSTEM BONDING JUMPER	*
GEC	GROUNDING ELECTRODE CONDUCTOR	*
EGC	EQUIPMENT GROUNDING CONDUCTOR	**
*	SIZE PER TABLE 250.66 OF THE NEC OR 12.5% OF CONDUCTOR SIZE [250.28].	
**	SIZE PER TABLE 250.122.	

1 GROUNDING DETAIL
E010 NOT TO SCALE

ELECTRICAL SERVICE GENERAL NOTES:

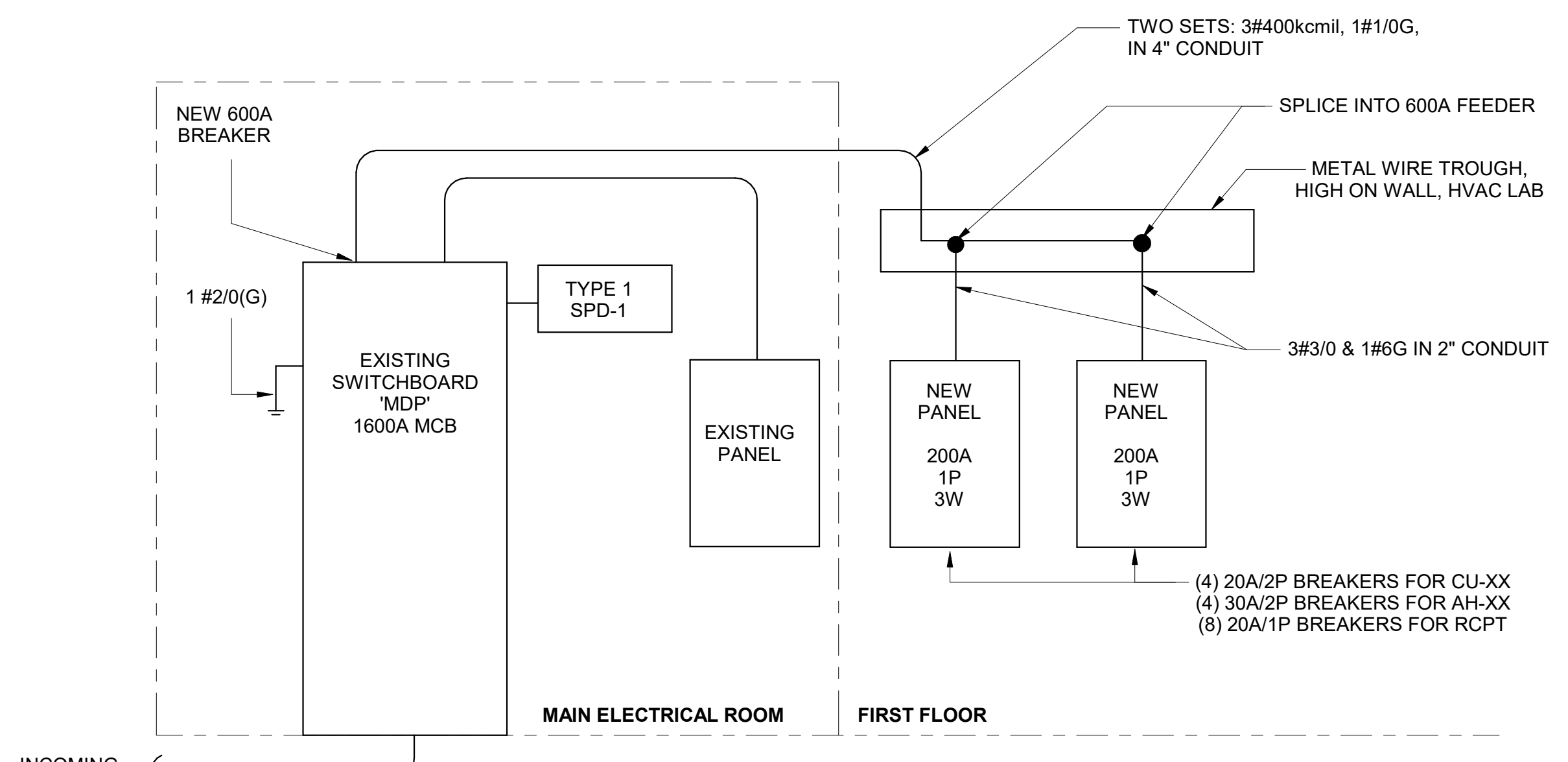
- CONTRACTOR SHALL COORDINATE INSTALLATION OF METER ON BUILDING WITH UTILITY COMPANY. CONTRACTOR SHALL INSTALL PER REQUIREMENTS OF UTILITY COMPANY.
- CONTRACTOR SHALL PROVIDE AND INSTALL ALL REQUIRED ELECTRICAL COMPONENTS TO MAKE UTILITY CONNECTION IN ACCORDANCE WITH UTILITY COMPANY'S REQUIREMENTS. UTILITY COMPANY SHALL INSPECT WORK PRIOR TO PROVIDING CONNECTION TO UTILITY SERVICE TRANSFORMER.
- SERVICE DISCONNECTS SHALL BE PROPERLY LABELED IN ACCORDANCE WITH UTILITY REQUIREMENTS. UTILITY COMPANY SHALL NOT PROVIDE CONNECTION TO SERVICES WITHOUT PROPER IDENTIFICATION.
- 600A BREAKER, LDP, LP1, LP2, LP3 SHALL BE OWNER PROVIDED, CONTRACTOR INSTALLED
- ONCE OWNER PROVIDED PANELS HAVE ARRIVED, CONTRACTOR SHALL RE-MOBILIZE TO INSTALL PERMANENT PANELS AND FINISH INSTALLATION.



2 PERMANENT ONE-LINE DIAGRAM
E010 NOT TO SCALE

TEMPORARY ELECTRICAL SERVICE GENERAL NOTES:

- SIZE TROUGH AS REQUIRED BY NATIONAL ELECTRIC CODE.
- PROVIDE SLACK IN 600A FEEDER SUFFICIENT ENOUGH TO RE-WORK INTO PERMANENT 600A PANEL WHEN EQUIPMENT ARRIVES.
- MOUNT LOAD CENTER DIRECTLY BELOW TROUGH SUCH THAT TOP CONNECTION IS AS SHORT AS POSSIBLE.
- INSTALL NEW 600A/3P ABB TMAX XT5 CIRCUIT BREAKER IN EXISTING SWITCHBOARD. BREAKER IS OWNER PURCHASED, CONTRACTOR INSTALLED. UPDATE PANEL SCHEDULE AT CONCLUSION OF WORK.
- CONTRACTOR SHALL PROVIDE RESIDENTIAL PANELS INDICATED AS A TEMPORARY MEASURE IN ORDER TO GET THE CLASSROOMS PARTIALLY OPERATIONAL BY FALL SEMESTER '23. 200A PANELS INDICATED SHALL BE RESIDENTIAL STYLE, CONTRACTOR PROVIDED.

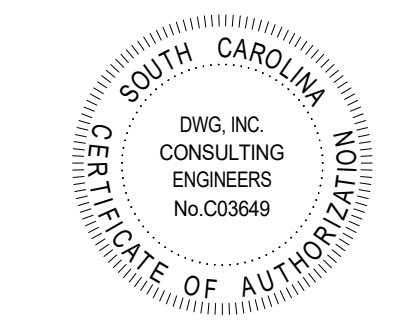


3 TEMPORARY SERVICE ONE-LINE DIAGRAM
E010 NOT TO SCALE

PIKE McFARLAND HALL ASSOCIATES, INC. 1300 PROFESSIONAL DRIVE, SUITE 201, MYRTLE BEACH, SOUTH CAROLINA 29577 PHONE: (843) 497-0272 FAX: (843) 497-0271 PMH@PMHARCHITECTS.COM



PIKE McFARLAND HALL ASSOCIATES, INC. ARCHITECTS & PLANNERS



PROJECT

HORRY-GEORGETOWN TECHNICAL COLLEGE RENOVATIONS TO: BUILDING 100 & BUILDING 500 GEORGETOWN, SOUTH CAROLINA

COMM: 23002
 OSE:
 BLDG. 100: H59-N220-CB
 BLDG. 500: H59-N221-CB
 FILE: 23004-00
 DRAWN BY: EMB
 PLOT:
 DATE: 03/20/2023
 REV: 2 04/04/2023

SHEET

E010

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LAB PANEL GENERAL NOTE:
LP1, LP2, AND LP3 SHALL BE OWNER FURNISHED AND CONTRACTOR INSTALLED.

LAB PANEL SCHEDULE table with columns: CKT NO., CIRCUIT DESIGNATION, TRIP, POLES, A, B, C, POLES, TRIP, CIRCUIT DESIGNATION, CKT NO. Includes summary rows for TOTAL PHASE LOAD, TOTAL PHASE CURRENT, and PANEL TOTALS.

NOTES:
AIR HANDLERS: 208V, 2Ø. SHALL HAVE 2#10, 2#12G, 3/4" AND 30AMP DISCONNECT WITH TYPE 1 ENCLOSURE
COMPRESSORS: 208V, 2Ø. SHALL HAVE 2#10, 2#12G, 3/4" AND 20AMP DISCONNECT WITH TYPE 1 ENCLOSURE

PANELBOARD SCHEDULE table with columns: CKT NO., CIRCUIT DESIGNATION, TRIP, POLES, A, B, C, POLES, TRIP, CIRCUIT DESIGNATION, CKT NO. Includes summary rows for TOTAL PHASE LOAD, TOTAL PHASE CURRENT, and PANEL TOTALS.

NOTES:
AIR HANDLERS: 208V, 2Ø. SHALL HAVE 2#10, 2#12G, 3/4" AND 30AMP DISCONNECT WITH TYPE 1 ENCLOSURE
COMPRESSORS: 208V, 2Ø. SHALL HAVE 2#10, 2#12G, 3/4" AND 20AMP DISCONNECT WITH TYPE 1 ENCLOSURE

PANELBOARD SCHEDULE table with columns: CKT NO., CIRCUIT DESIGNATION, TRIP, POLES, A, B, C, POLES, TRIP, CIRCUIT DESIGNATION, CKT NO. Includes summary rows for TOTAL PHASE LOAD, TOTAL PHASE CURRENT, and PANEL TOTALS.

NOTES:
AIR HANDLERS: 208V, 2Ø. SHALL HAVE 2#10, 2#12G, 3/4" AND 30AMP DISCONNECT WITH TYPE 1 ENCLOSURE
AIR HANDLERS: 120V, 1Ø. SHALL HAVE 2#10, 2#12G, 3/4" AND 20AMP DISCONNECT WITH TYPE 1 ENCLOSURE

EXISTING PANELBOARD SCHEDULE table with columns: CKT NO., CIRCUIT DESIGNATION, TRIP, POLES, A, B, C, POLES, TRIP, CIRCUIT DESIGNATION, CKT NO. Includes summary rows for TOTAL PHASE LOAD, TOTAL PHASE CURRENT, and PANEL TOTALS.

NOTE:
REMOVE EXISTING CIRCUIT BREAKERS SERVICE HEAT PUMPS AFTER DISCONNECT AND REPLACE WITH 20A/1P BREAKERS. NEW BREAKERS SHALL MATCH PANEL MANUFACTURER, STYLE, AND AIC RATING.

EXISTING PANELBOARD SCHEDULE table with columns: CKT NO., CIRCUIT DESIGNATION, TRIP, POLES, A, B, C, POLES, TRIP, CIRCUIT DESIGNATION, CKT NO. Includes summary rows for TOTAL PHASE LOAD, TOTAL PHASE CURRENT, and PANEL TOTALS.

(*) DENOTES NEW LOAD ON EXISTING SPARE BREAKER.

EXISTING PANELBOARD SCHEDULE table with columns: CKT NO., CIRCUIT DESIGNATION, TRIP, POLES, A, B, C, POLES, TRIP, CIRCUIT DESIGNATION, CKT NO. Includes summary rows for TOTAL PHASE LOAD, TOTAL PHASE CURRENT, and PANEL TOTALS.



PIKE McFARLAND HALL ASSOCIATES, INC. ARCHITECTS & PLANNERS



PROJECT

HORRY-GEORGETOWN TECHNICAL COLLEGE RENOVATIONS TO: BUILDING 100 & BUILDING 500 GEORGETOWN, SOUTH CAROLINA

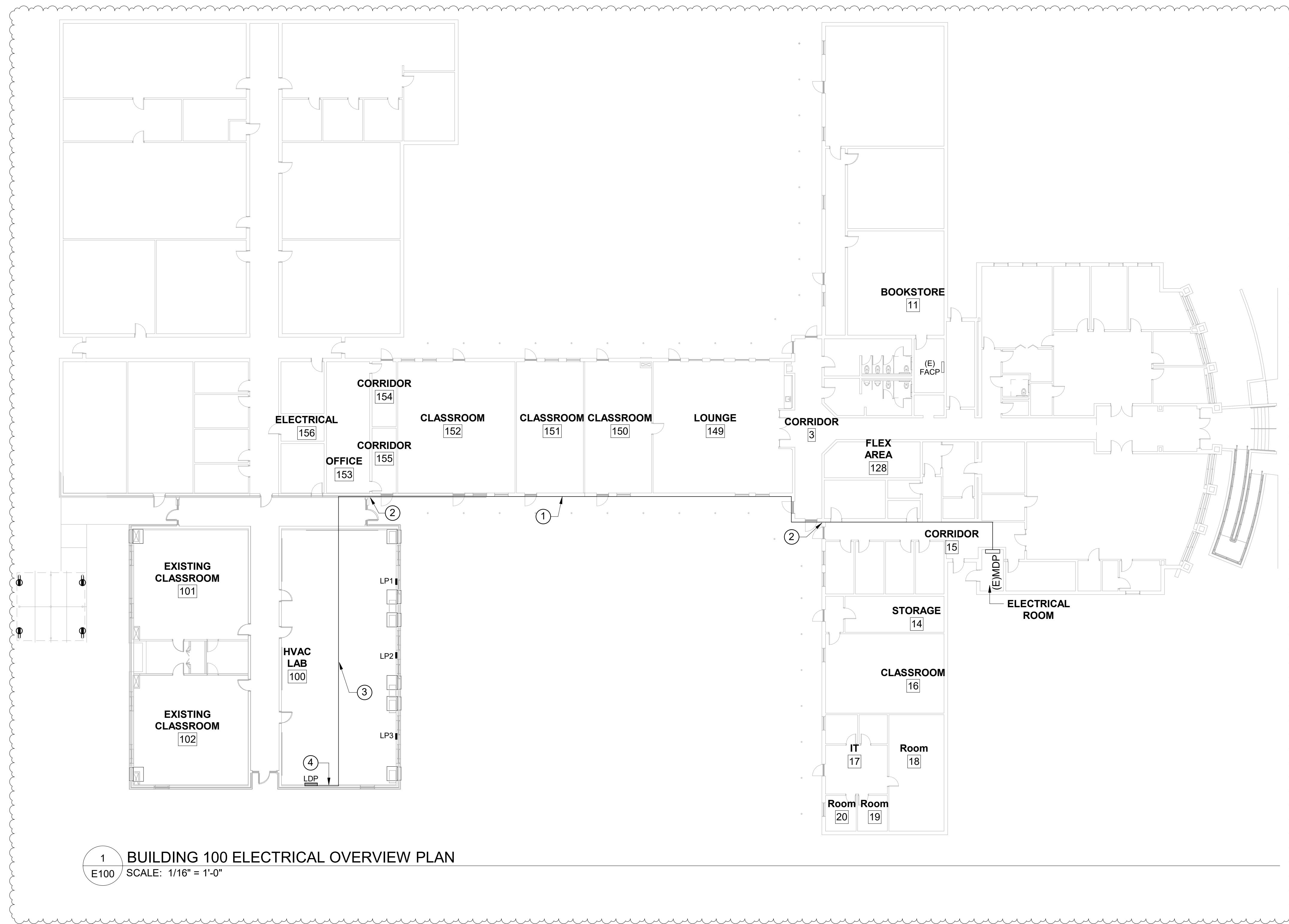
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OSE:
BLDG. 100: H59-N220-CB
BLDG. 500: H59-N221-CB
FILE: 23004-00
DRAWN BY: EMB
PLOT:
DATE: 03/20/2023
REV: 2 04/04/2023

SHEET

E050

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1 BUILDING 100 ELECTRICAL OVERVIEW PLAN
E100 SCALE: 1/16" = 1'-0"

RENOVATION KEYNOTES

- ① RUN RACEWAY IN RIGID GALVANIZED STEEL CONDUIT, TIGHT TO CANOPY CEILING. PAINT RACEWAYS TO MATCH COLOR OF CANOPY, PROVIDE WEATHERPROOF PULLBOXES AT TURNS, SIZED PER NEC.
- ② SEAL EXTERIOR WALL PENETRATIONS AFTER INSTALLATION.
- ③ 600 AMP FEEDER FROM PANEL MDP TO LDP, SEE ONE-LINE.
- ④ TEMPORARY WIRING TROUGH, SEE SHEET E101.

GENERAL NOTES



PIKE McFARLAND HALL ASSOCIATES, INC. ARCHITECTS & PLANNERS

DWG CONSULTING ENGINEERS EMPLOYEE OWNED
1009 Anna Knapp Blvd., Suite 200
Mt. Pleasant, SC 29464
843-849-1141

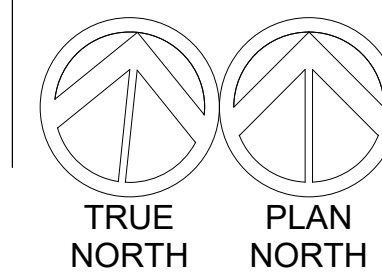
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PROJECT

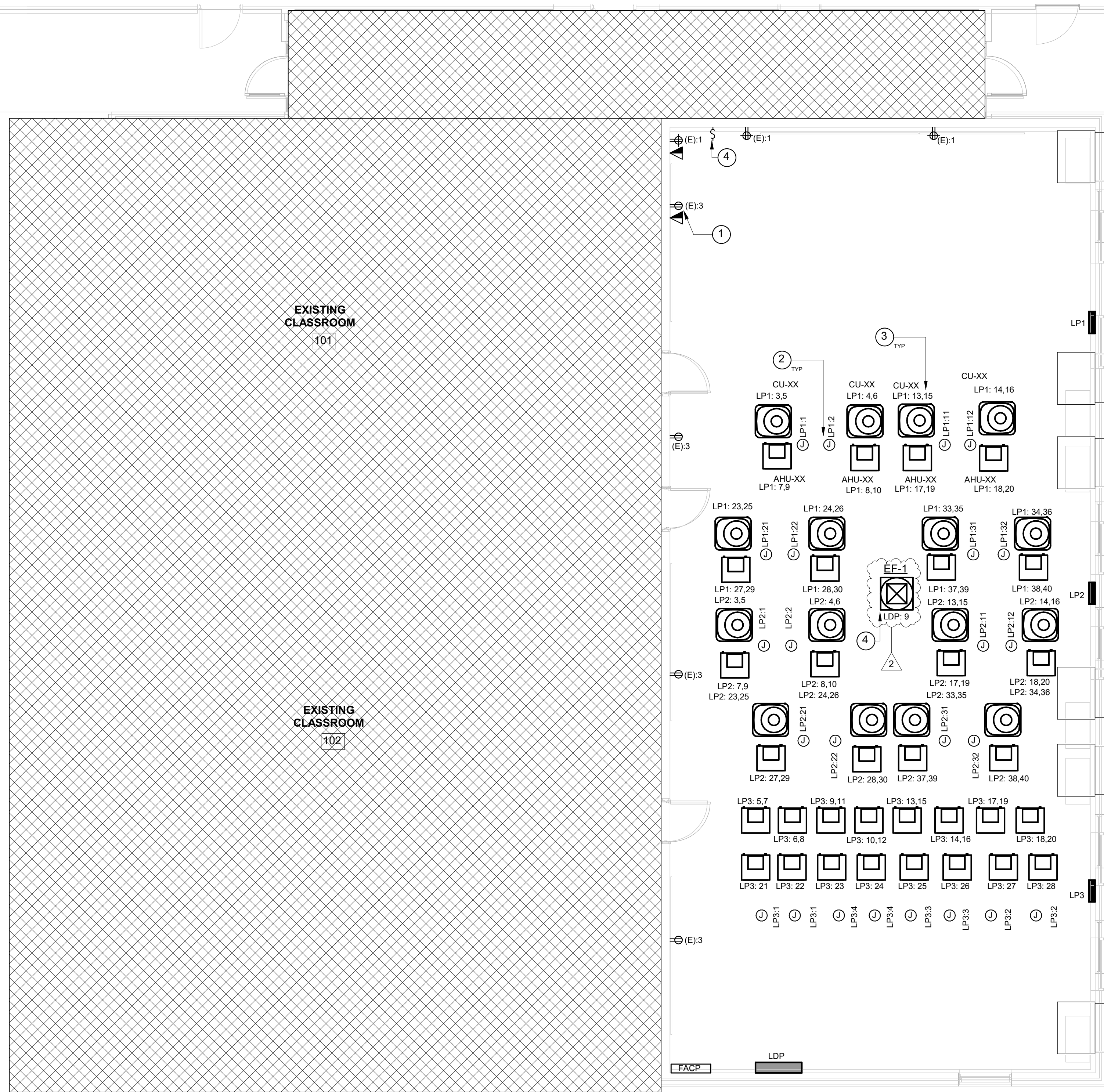
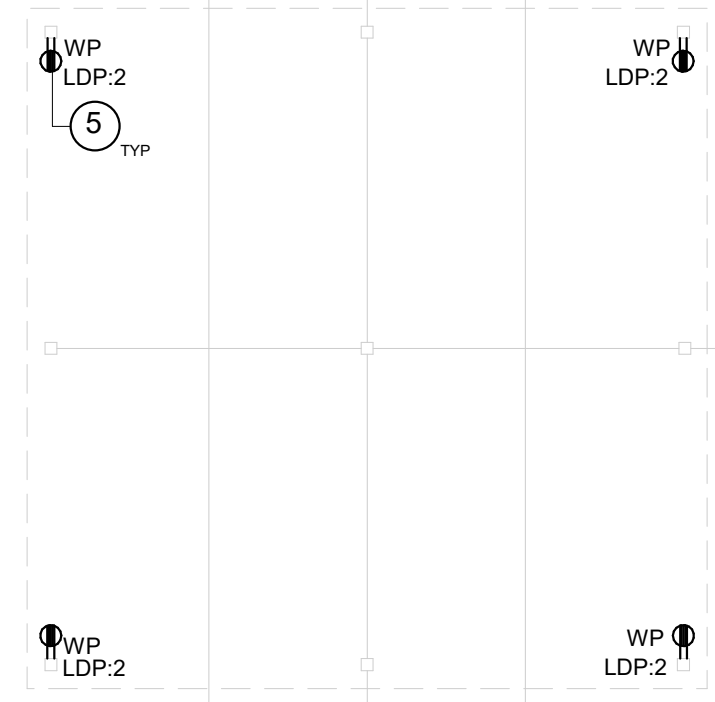
HORRY-GEORGETOWN TECHNICAL COLLEGE
RENOVATIONS TO:
BUILDING 100 & BUILDING 500
GEORGETOWN, SOUTH CAROLINA

COMM: 23002
OSE:
BLDG. 100: H59-N220-CB
FILE: 23004-00
DRAWN BY: EMB
PLOT:
DATE: 03/20/2023
REV: 2 04/04/2023

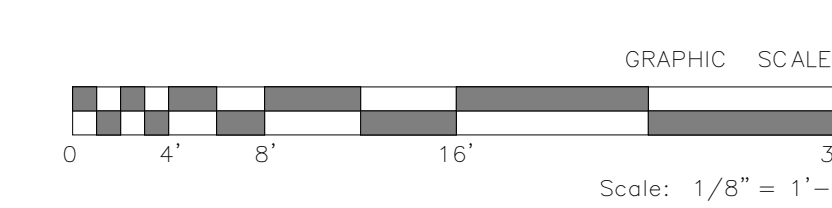
SHEET
E100



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1 BUILDING 100 POWER & TELECOM PLAN
E101 SCALE: 3/16" = 1'-0"



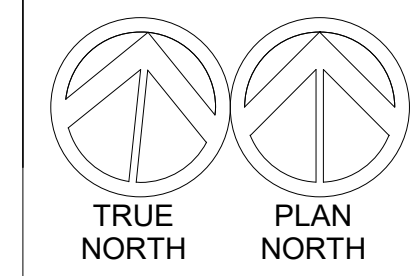
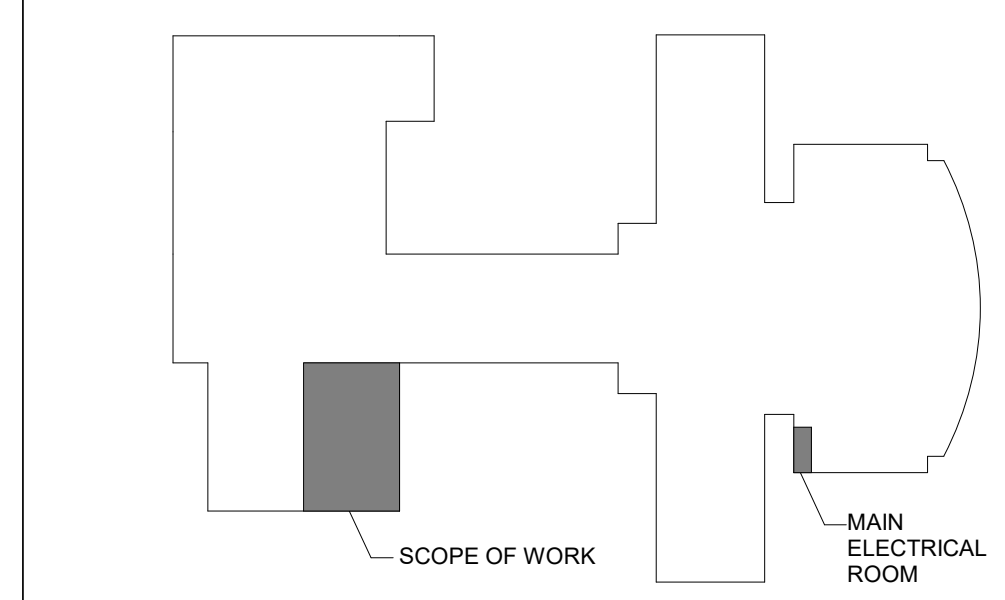
RENOVATION KEYNOTES

- ① POWER AND DATA TO SERVE SMARTBOARD CONNECTION THROUGH SURFACE RACEWAY. COORDINATE MOUNTING POSITIONS WITH OWNER.
- ② PROVIDE CEILING MOUNTED SO CORD DROP WITH DUPLEX RECEPTACLE. SUPPORT JUNCTION BOX TO BUILDING STRUCTURE ABOVE LAY-IN CEILING. RECEPTACLE SHALL HANG, 48" AFF.
- ③ COORDINATE HARD-WIRED CONNECTION INTO PROVIDED EQUIPMENT DISCONNECT WITH OWNER
- ④ EXHAUST FAN SHALL BE CONTROLLED BY DEDICATED SWITCH.
- ⑤ CIRCUITS FOR RECEPTACLE SHALL BE ROUTED UNDERGROUND.

GENERAL NOTES

1. RESIDENTIAL STYLE PANELS SHALL BE PROVIDED AS A TEMPORARY INSTALLATION TO ALLOW FOR CLASSROOMS TO BE OPERATIONAL BY FALL 2023, SEE TEMPORARY ONE-LINE DIAGRAM. ONCE OWNER PROVIDED, CONTRACTOR INSTALLED PERMANENT PANELS ARRIVE, INSTALLATION PER THE PERMANENT ONE-LINE DIAGRAM SHALL BY PROVIDED.

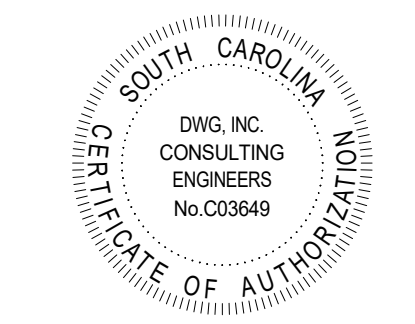
BUILDING 100 KEYPLAN



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PIKE ■ McFARLAND HALL ASSOCIATES, INC. ARCHITECTS & PLANNERS



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