

# ROBERT W. PLASTER CENTER SOUND REINFORCEMENT SYSTEM UPGRADES PITTSBURG STATE UNIVERSITY

PROJECT NUMBERS BGC: 23-1356L

## SHEET INDEX

- G001 COVER SHEET
- E101 OVERALL FLOOR PLAN
- E102 ENLARGED FLOOR PLANS

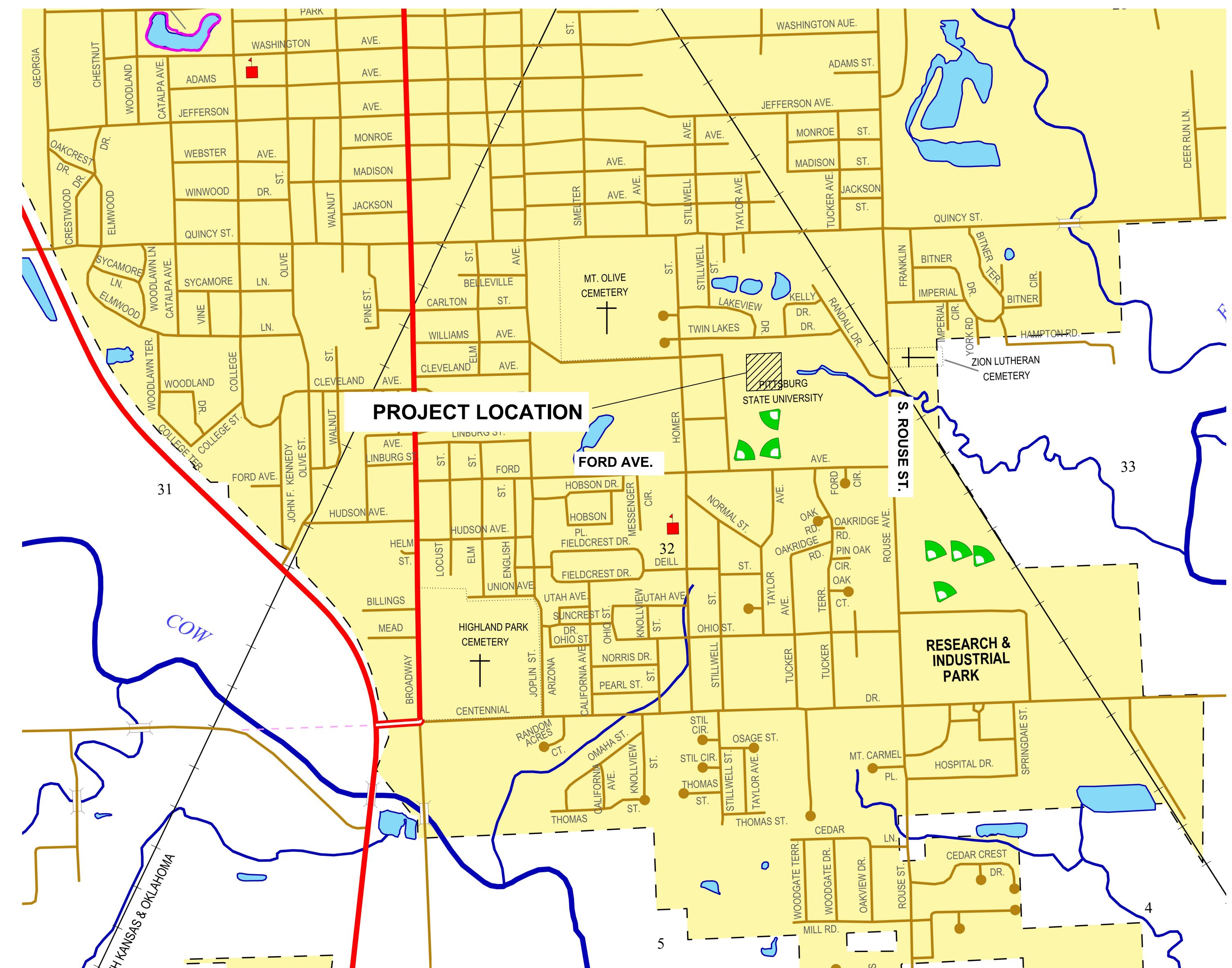
## PROJECT DIRECTORY

**OWNER:** PITTSBURG STATE UNIVERSITY

**ENGINEER:** BG CONSULTANTS, INC.  
1405 WAKARUSA DRIVE  
LAWRENCE, KS 66049

## LOCATION MAP

PLASTER CENTER | LAWRENCE, KS



**BG CONSULTANTS**  
ENGINEERS - ARCHITECTS - SURVEYORS

Manhattan Lawrence Emporia  
1405 Wakarusa Drive | Lawrence, Kansas 66049  
ph: 785/749-4474 | www.bgcons.com

PLANNING, DESIGN & CONSTRUCTION  
PITTSBURG STATE UNIVERSITY  
1701 SOUTH BROADWAY  
PITTSBURG, KANSAS 66762  
TELEPHONE (620) 235-4130

PROJECT TYPE:  
RENOVATION



PITTSBURG STATE UNIVERSITY  
PLASTER CENTER SOUND  
REINFORCEMENT SYSTEM UPGRADES

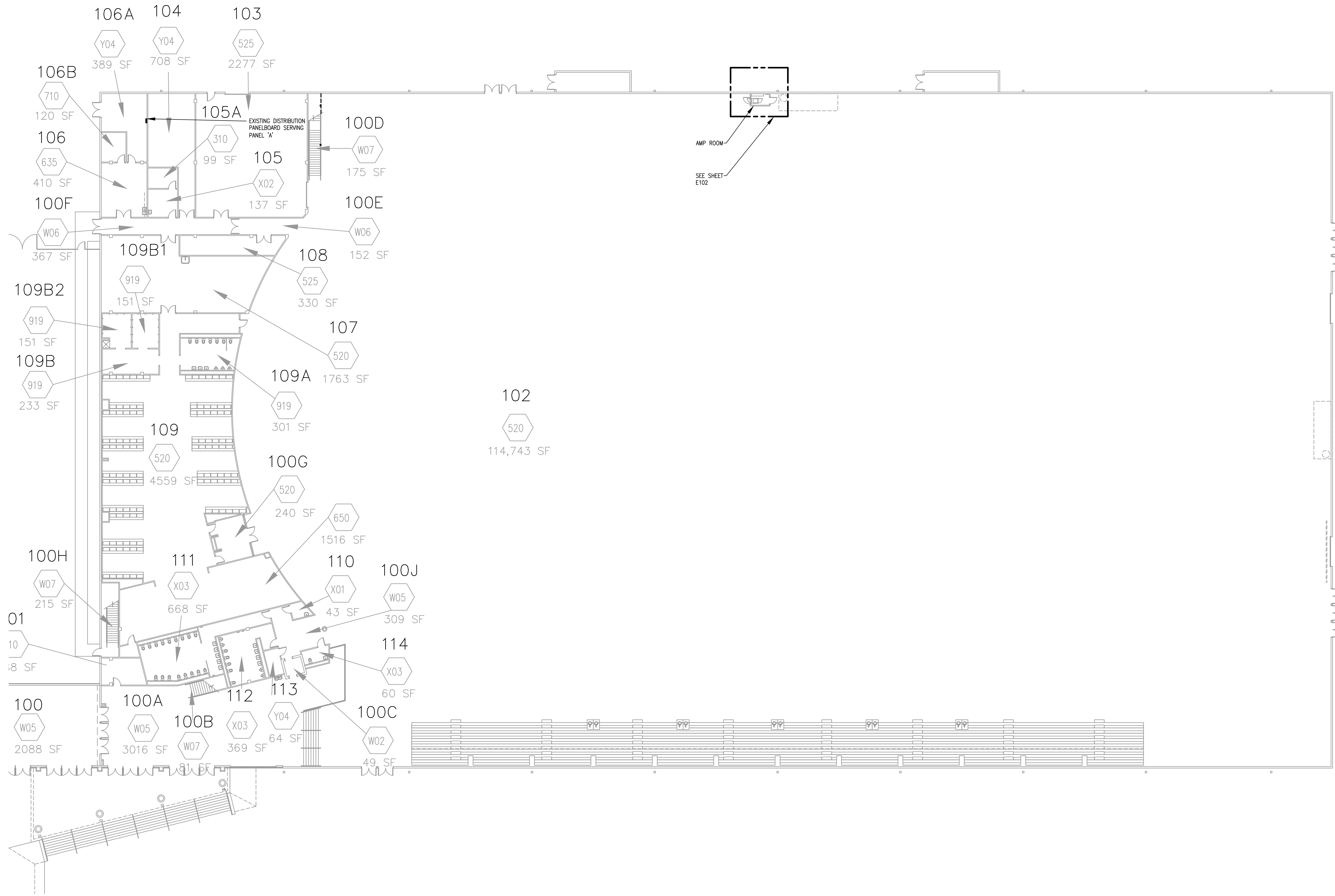
DATE: 12/18/2023  
DRAWN BY: CWK  
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COVER SHEET

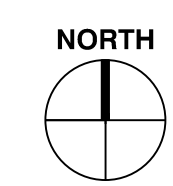
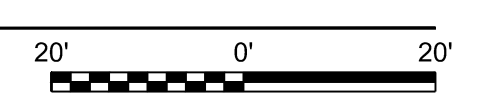
G001

ORIGINAL CONTRACT DOCUMENTS

- GENERAL NOTES:
1. VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
  2. COORDINATE ALL WORK WITH ALL OTHER TRADES, EXISTING CONDITIONS, ETC.
  3. COORDINATE EXACT LOCATIONS OF ALL NEW DEVICES INDICATED.



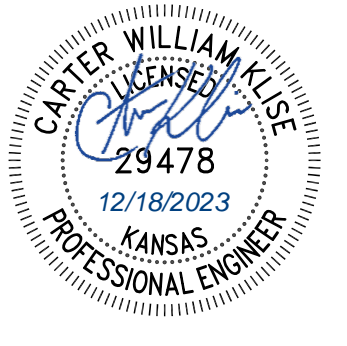
**1 Overall Floor Plan**  
E101 SCALE: 1" = 20'-0"



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OVERALL FLOOR PLAN

**E101**

ORIGINAL CONTRACT DOCUMENTS

PANELBOARD SCHEDULE										
PANELBOARD DESIGNATION: "A"			VOLTAGE: 120V / 208Y			MAIN RATING: 100A.				
LOCATION: INDOOR, AMP RM.			SERVICE: 3-PHASE / 4-WIRE			MOCP RATING/TYPE: 100A, MLO				
ENCLOSURE TYPE: NEMA 1			MOUNTING TYPE: SURFACE			MFGR: SQUARE D QO LOAD CENTER				
DESCRIPTION	WATTS/PHASE			C/B SIZE	CIRCUIT NO.	C/B SIZE	WATTS/PHASE			DESCRIPTION
	A	B	C				A	B	C	
PA SYSTEM RACK	500			20	1	2	20	500		PA SYSTEM RACK
PA SYSTEM RACK		500		20	3	4	20		500	PA SYSTEM RACK
PA SYSTEM RACK			500	20	5	6	20			PA SYSTEM RACK
EXISTING LOAD				20	7	8	20			SPACE
PA SYSTEM RACK RECEPT.		200		20	9	10	20			SPACE
SPACE					11	12	20			SPACE
SPACE					13	14	20			EXISTING LOAD
SPACE					15	16				
SPACE					17	18				
SPACE					19	20				
SPACE					21	22				
SPACE					23	24				
CONNECTED LOAD	500	700	500				500	500	500	CONNECTED LOAD

PHASE	TOTAL CONNECTED WATTS	TOTAL CONNECTED AMPS
A	1,000	8
B	1,200	10
C	1,000	8
TOTAL	3,200	9

NOTES:  
1. CIRCUITS INDICATED IN **BOLD** SHALL BE LOCATED IN PLACE OF EXISTING 3P BREAKER. SALVAGE BREAKER TO OWNER.  
2. SPACES INDICATED IN **BOLD** SHALL BE LOCATED IN PLACE OF EXISTING 3P BREAKER. SALVAGE BREAKER TO OWNER. PROVIDE NEW BLANK IN CIRCUIT SPACE.

**PITTSBURG STATE UNIVERSITY PRE-APPROVED ELECTRICAL CONTRACTORS:**  
**BILL'S ELECTRIC, INC. - SCOTT EDGE, (417) 624-6660; SEDGE@BEIJOPLIN.COM**  
**CDL ELECTRIC CO., INC. - MIKE RAMSEY, (620) 231-6420; MIKE.RAMSEY@CDL-ELECTRIC.COM**  
**SEWARD ELECTRIC CO., INC. - JAMES SEWARD, (620) 231-6420; SEWARDELECTRIC@YAHOO.COM**

ELECTRICAL ABBREVIATIONS	
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFI	ARC-FAULT CIRCUIT INTERRUPTER
AIC	AMPERE INTERRUPTING CAPACITY
CB	CIRCUIT BREAKER
CKT	CIRCUIT
DS	DISCONNECT SWITCH
E	INDICATES EXISTING DEVICE
GFI	GROUND FAULT CIRCUIT INTERRUPTER
GRD	GROUND
IG	ISOLATED GROUND
JB	JUNCTION BOX
NF	NON-FUSED
XFMR	TRANSFORMER

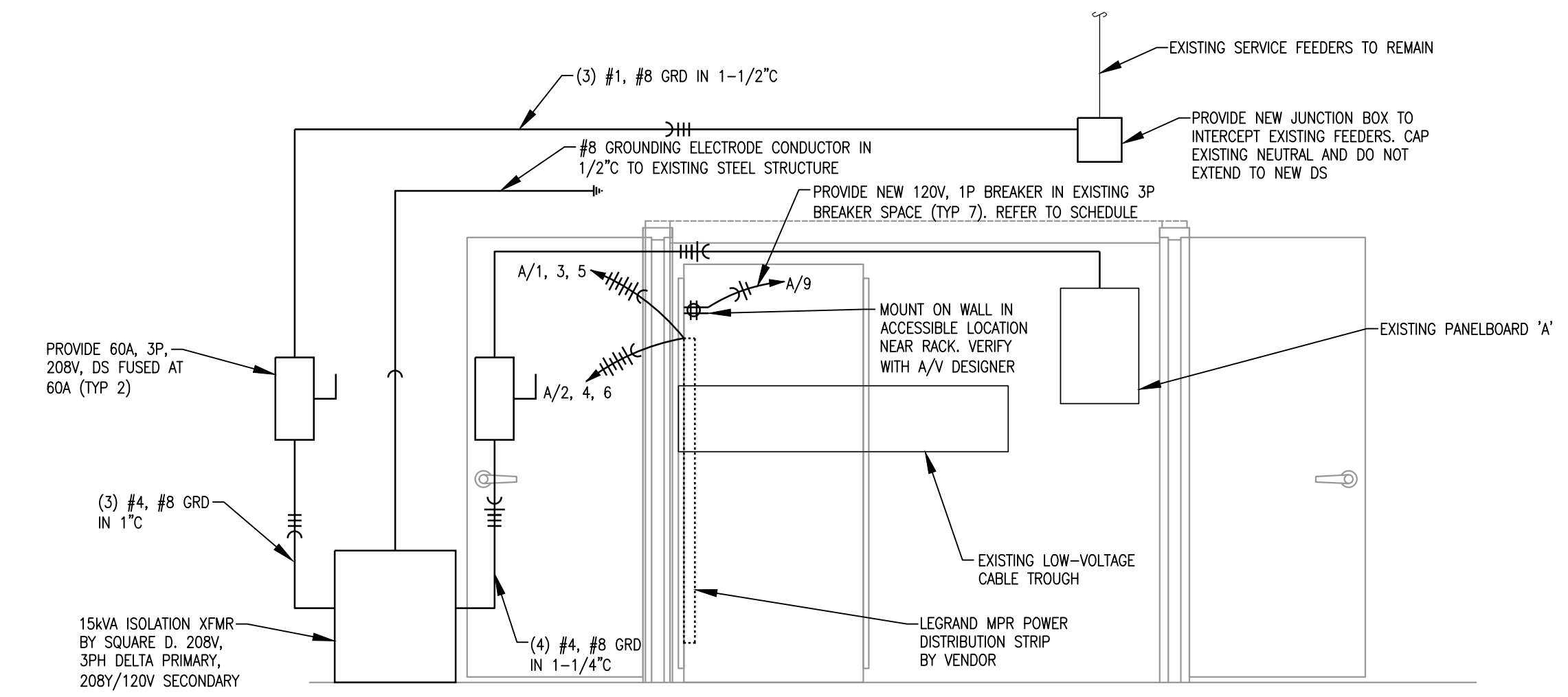
ELECTRICAL SYMBOLS LEGEND	
	CONCEALED CONDUIT ROUTED IN CEILING OR WALL
	CONCEALED CONDUIT ROUTED BELOW SLAB
	EXPOSED CONDUIT
	HOMERUN - PANEL/CIRCUIT NO.
	GROUND, NEUTRAL, HOT/TRACER WIRE (2) #12, #12 GRD IN 1/2"
	SYSTEM GROUND POINT
	QUAD RECEPTACLE (20 AMP UNLESS NOTED OTHERWISE)
	SPECIALTY RECEPTACLE
	PANELBOARD
	DISCONNECT SWITCH
	JUNCTION BOX

NOTES: 1. REFER TO PLANS FOR SYMBOLS USED. SOME SYMBOLS MAY APPEAR ON SYMBOLS LEGEND BUT NOT ON PLANS.

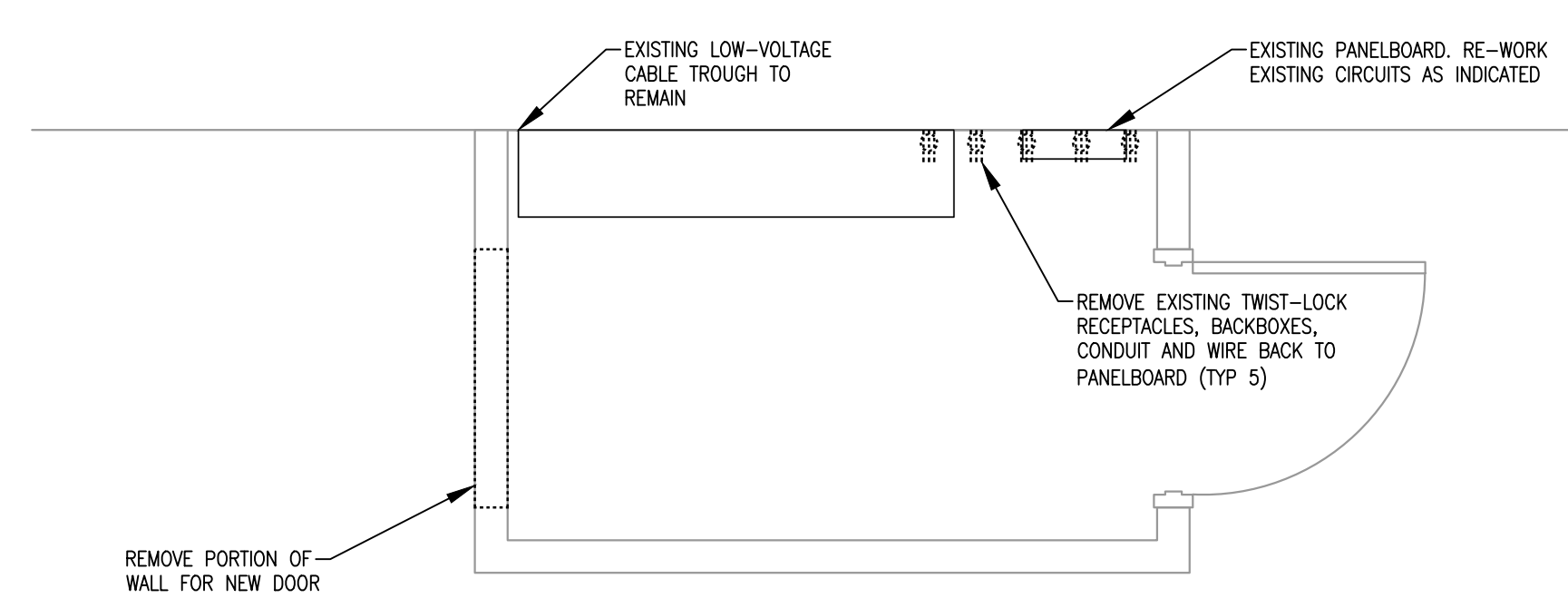
GENERAL NOTES:  
1. VERIFY EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.  
2. COORDINATE ALL WORK WITH ALL OTHER TRADES, EXISTING CONDITIONS, ETC.  
3. COORDINATE EXACT LOCATIONS OF ALL NEW DEVICES INDICATED.

**GENERAL SPECIFICATION REQUIREMENTS:**  
THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL FIELD CONDITIONS PRIOR TO WORK AND DETERMINE TOTAL SCOPE OF WORK REQUIRED.  
THE CONTRACTOR SHALL FURNISH AND INSTALL ALL LABOR AND MATERIALS REQUIRED TO HAVE COMPLETE AND FUNCTIONING SYSTEMS, TOGETHER WITH ALL ASSOCIATED EQUIPMENT AND APPARATUS AS SHOWN ON THE PLANS. "PROVIDE" MEANS TO FURNISH AND INSTALL.  
THE WORK SHALL BE DONE IN ACCORDANCE WITH STATE BUILDING, ELECTRICAL, NFPA AND ALL OTHER APPLICABLE CODES.  
ALL MATERIALS SHALL BE NEW AND SHALL BEAR THE U.L. LABEL WHERE APPLICABLE.  
THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS, CATALOG DATA ETC. FOR ALL ITEMS AND OBTAIN APPROVAL OF THE SAME PRIOR TO DELIVERY TO JOB SITE.  
THE CONTRACTOR SHALL FURNISH ONE SET OF "AS-BUILT" DRAWINGS TO THE OWNER PRIOR TO FINAL ACCEPTANCE BY THE OWNER.  
THE CONTRACTOR SHALL GUARANTEE ALL WORK AGAINST DEFECTS DUE TO WORKMANSHIP, DESIGN OR MATERIAL. THE CONTRACTOR SHALL PROMPTLY REMEDY, AT NO COST TO THE OWNER, ALL DEFECTS OCCURRING WITHIN A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE, UNLESS SPECIFICALLY INDICATED OTHERWISE.

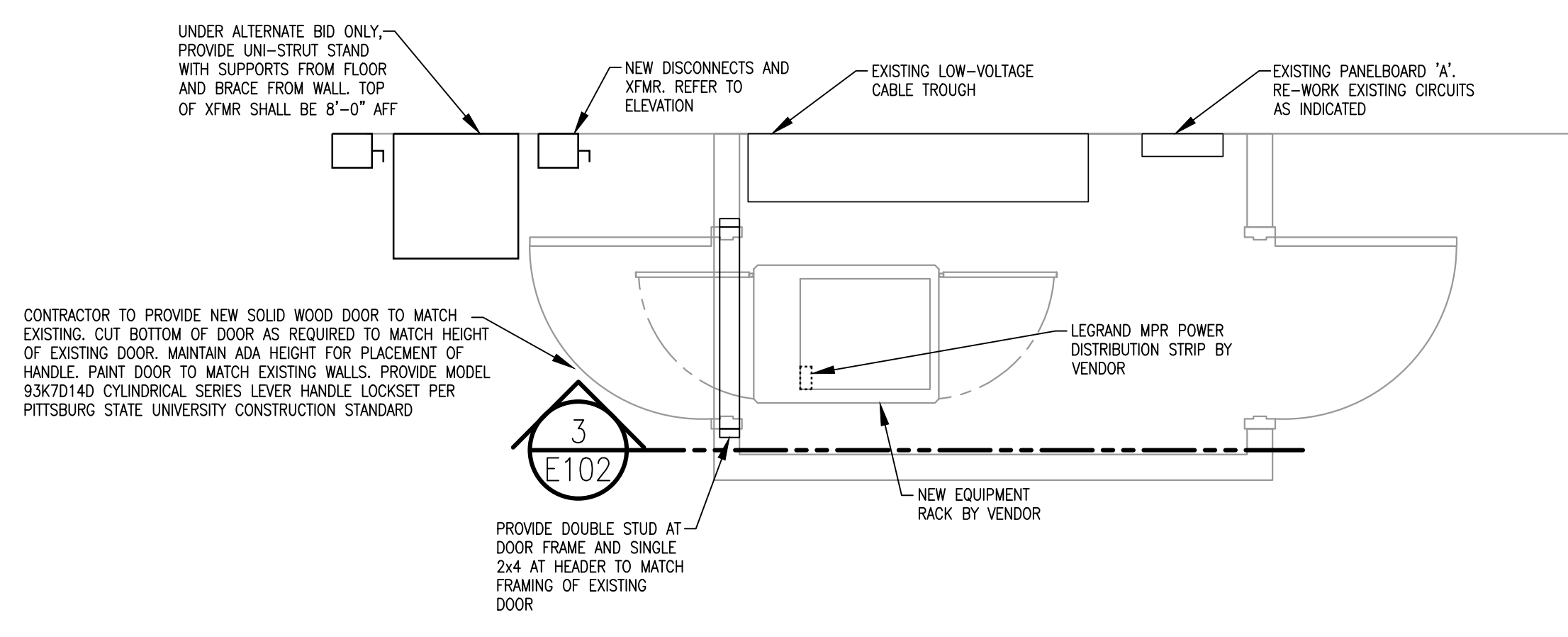
**DIVISION 260000 ELECTRICAL SYSTEM SPECIFICATIONS:**  
CONTRACTOR SHALL FURNISH AND INSTALL, FOR WORK DESIGNATED AS HIS RESPONSIBILITY, ALL WIRE, WIREWAY, CONDUIT, CONNECTORS, OUTLETS, SWITCHES, DISCONNECT SWITCHES, PANELBOARDS, ETC., NECESSARY TO ACHIEVE A COMPLETE ELECTRICAL INSTALLATION. WHERE AN ELECTRICAL DEVICE IS REQUIRED BY CODE BUT NOT SHOWN, IT SHALL BE FURNISHED AND INSTALLED AS THOUGH FULLY SHOWN AND SPECIFIED.  
THE ELECTRICAL SYSTEMS SHALL BE INSTALLED AND GROUNDED IN ACCORDANCE WITH THE LATEST REQUIREMENTS OF THE NATIONAL ELECTRIC CODE AND ALL OTHER APPLICABLE CODES.  
FOR 240V AND UNDER ELECTRICAL SYSTEMS, PROVIDE GREEN GROUND, WHITE NEUTRAL AND BLACK/RED/BLUE PHASE (A/B/C) WIRES.  
FOLLOW CIRCUITING SHOWN ON PLANS. NEUTRALS MAY NOT BE SHARED BETWEEN CIRCUITS. USE NO CONDUCTORS SMALLER THAN #12 GA., UNLESS NOTED OTHERWISE.  
INTERIOR CONDUIT SHALL BE EMT WITH COMPRESSION FITTINGS. SET SCREWS ALLOWABLE ON 1" AND LARGER PIPE. PROVIDE FLEXIBLE METAL CONDUIT FOR FINAL CONNECTIONS TO ALL HVAC EQUIPMENT OR EQUIPMENT WITH THE POTENTIAL FOR MOVEMENT.  
CONDUCTORS SHALL BE COPPER, THERMOPLASTIC INSULATED, COLOR-CODED AS DESCRIBED ABOVE OR UNDER APPLICABLE CODES.  
ALL JUNCTION BOXES AND OUTLET BOXES FOR LIGHT FIXTURES, RECEPTACLES, AND WALL SWITCHES SHALL BE THE KNOCKOUT TYPE. OTHER JUNCTION BOXES SHALL BE SUITABLE FOR THE INSTALLATION REQUIRED. ALL JUNCTION BOXES SHALL BE ACCESSIBLE.  
PROVIDE HEAVY DUTY DISCONNECT SWITCHES BY SQUARE D. PROVIDE CLASS J FUSES. EQUIVALENTS BY BUSSMANN AND MERSEN.



**3 Elevation View**  
**E102** SCALE: 1/2" = 1'-0"



**1 Enlarged Floor Plan - Demolition**  
**E102** SCALE: 1/2" = 1'-0"



**2 Enlarged Floor Plan - New**  
**E102** SCALE: 1/2" = 1'-0"

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ENLARGED FLOOR PLANS

**E102**

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