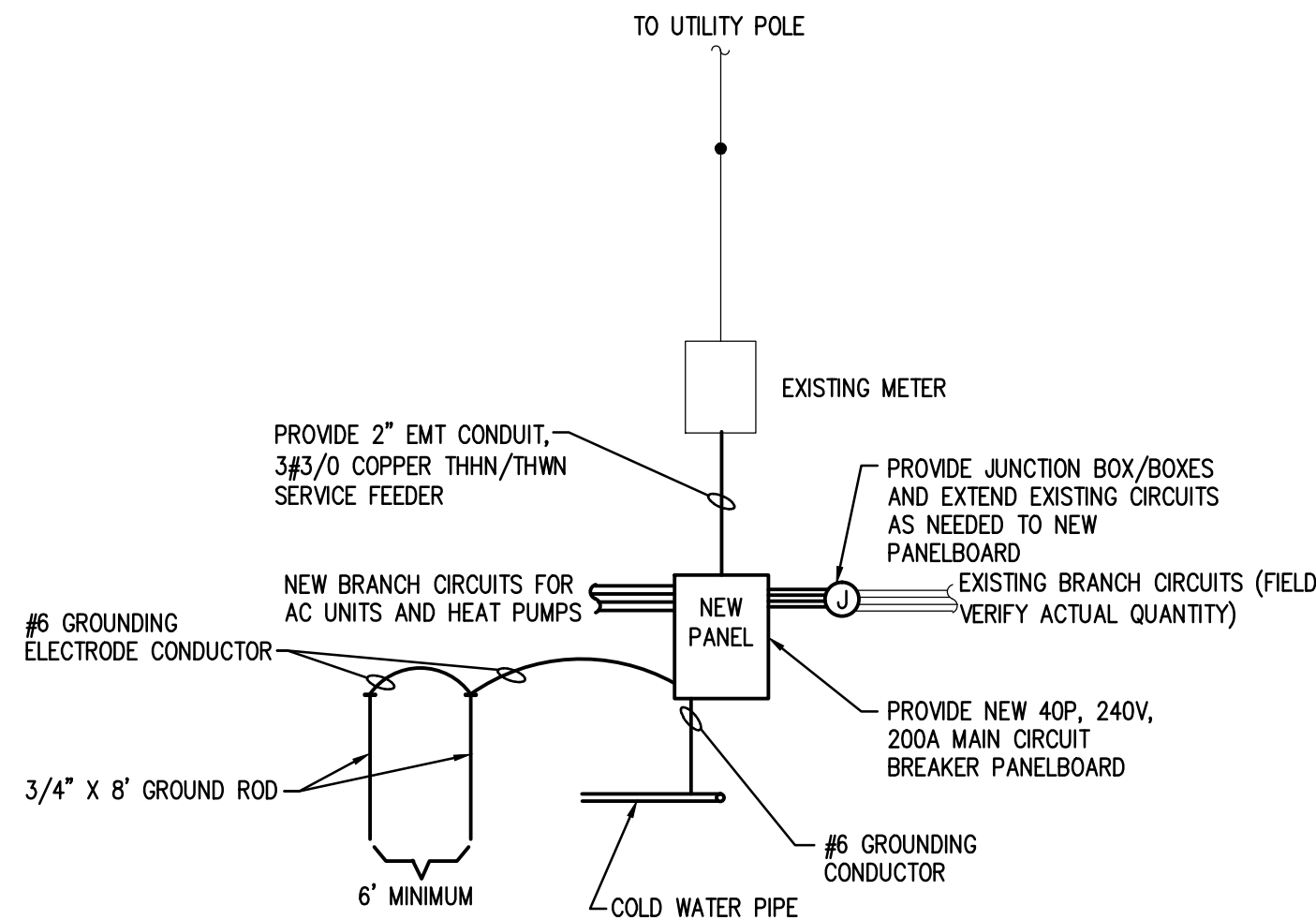
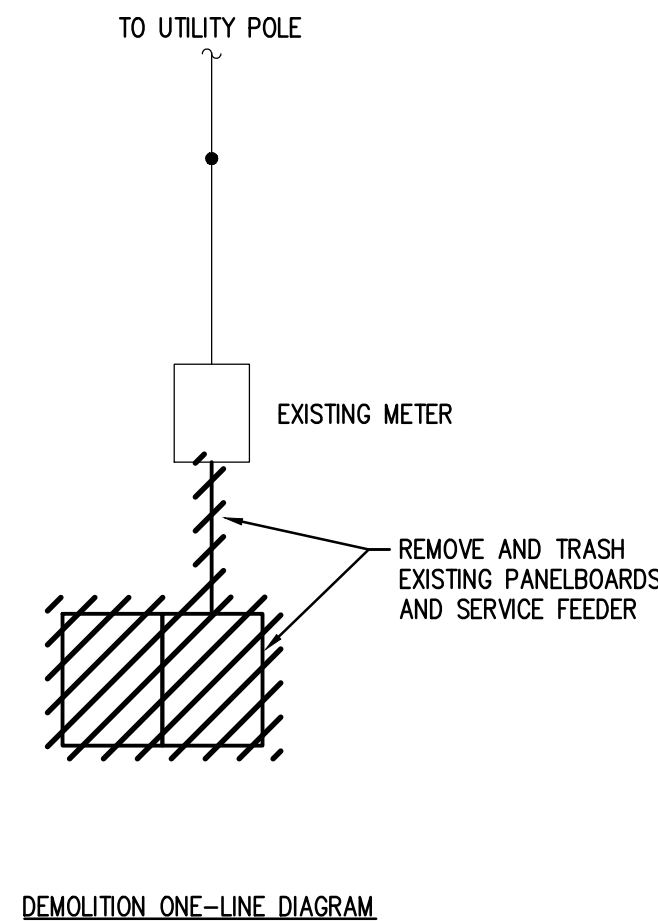


GENERAL NOTES FOR ELECTRICAL INSTALLATION

- A. COMPLY WITH ALL APPLICABLE SECTIONS OF THE NATIONAL ELECTRICAL CODE AND ANY LOCAL AMENDMENTS.
- B. PROVIDE ALL REQUIRED BOXES, CONDUIT, WIRE, FITTINGS, SUPPORTS, EQUIPMENT, ACCESSORIES, AND MISCELLANEOUS ITEMS TO PROVIDE A COMPLETE AND FUNCTIONAL ELECTRICAL INSTALLATION THAT MEETS THE INTENT SHOWN ON THESE DOCUMENTS.
- C. PROVIDE COPPER CONDUCTORS UNLESS OTHERWISE NOTED.

ABBREVIATIONS

- A AMPERE
- AIC AMPERE INTERRUPTING CAPACITY
- EMT ELECTRICAL METALLIC TUBING
- MCB MAIN CIRCUIT BREAKER
- P POLE
- V VOLT



NOTES

1. COMPLY WITH ALL GROUNDING AND BONDING REQUIREMENTS PER NEC ARTICLE 250.
2. VERIFY INCOMING SERVICE SIZE WITH UTILITY.

NEW WORK ONE-LINE DIAGRAM

AIC: 10,000 VOLTAGE: 120/240V, 1 PHASE, 3 WIRE MAIN: 200A MCB LOCATION: BASEMENT								
Circ No	Breaker		Load Description	Load Location	Notes	Connected Watts		
	Pole	Trip				Phase A	Phase B	
1	2		HEAT PUMP 1	OUTDOORS		2,052		
3		25					2,052	
5	2		HEAT PUMP 2	OUTDOORS		1,476		
7		20					1,476	
9			EXISTING CIRCUIT			500		
11			EXISTING CIRCUIT				500	
13			EXISTING CIRCUIT			500		
15			EXISTING CIRCUIT				500	
17			EXISTING CIRCUIT			500		
19			EXISTING CIRCUIT				500	
21			EXISTING CIRCUIT			500		
23			EXISTING CIRCUIT				500	
25			EXISTING CIRCUIT			500		
27	1	20	SPARE					
29	1	20	SPARE					
31	1	20	SPARE					
33	1	20	SPARE					
35	1	20	SPARE					
37	1	20	SPARE					
39	1	20	SPARE					
41	1	20	SPARE					
2	2		AC-1	BASEMENT		456		
4		15					456	
6	2		AC-2	BASEMENT		432		
8		15					432	
10			EXISTING CIRCUIT			500		
12			EXISTING CIRCUIT				500	
14			EXISTING CIRCUIT			500		
16			EXISTING CIRCUIT				500	
18			EXISTING CIRCUIT			500		
20			EXISTING CIRCUIT				500	
22			EXISTING CIRCUIT			500		
24			EXISTING CIRCUIT				500	
26			EXISTING CIRCUIT			500		
28	1	20	SPARE					
30	1	20	SPARE					
32	1	20	SPARE					
34	1	20	SPARE					
36	1	20	SPARE					
38	1	20	SPARE					
40	1	20	SPARE					
42	1	20	SPARE					
CONNECTED AMPS: 74.3						Phase Watts:	9,416	8,416

NOTES

1. FIELD VERIFY ACTUAL QUANTITY OF EXISTING CIRCUITS.
2. COMPLETELY FILL ALL UNUSED SPACES IN PANELBOARD WITH SPARE SINGLE POLE, 20A CIRCUIT BREAKERS.
3. PROVIDE ALL REQUIRED CIRCUIT BREAKERS TO MATCH EXISTING CIRCUIT AMPACITIES AND VOLTAGES.

100% BID DOCUMENTS

100% BID DOCUMENTS	04/07/11
Revisions	Date

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NATIONAL  
CEMETERY  
ADMINISTRATION

Drawing Title

ELECTRICAL NOTES,  
ONE-LINE DIAGRAMS, AND  
PANEL SCHEDULE

Approved: Project Director

Project Title

Renovate Meigs Lodge Building  
Lebanon National Cemetery

Project Number

Building Number

Location

Marion County , Kentucky

Drawing Number

ME-4

Dwg. 11 of 11