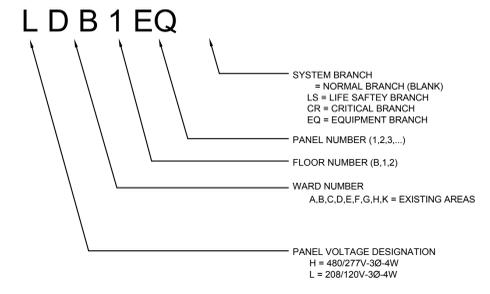
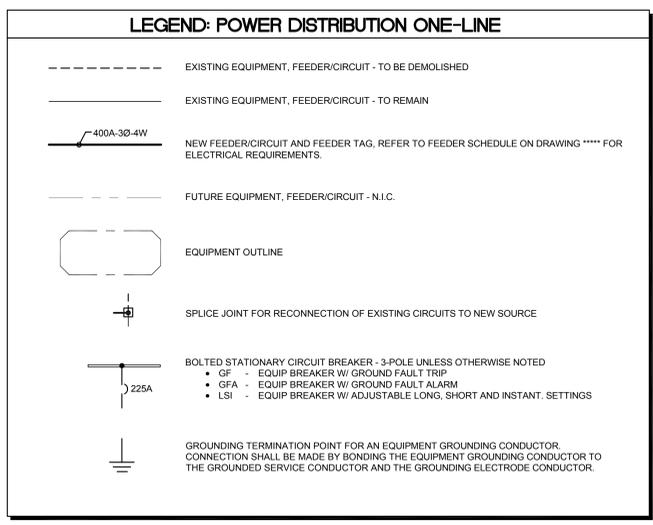
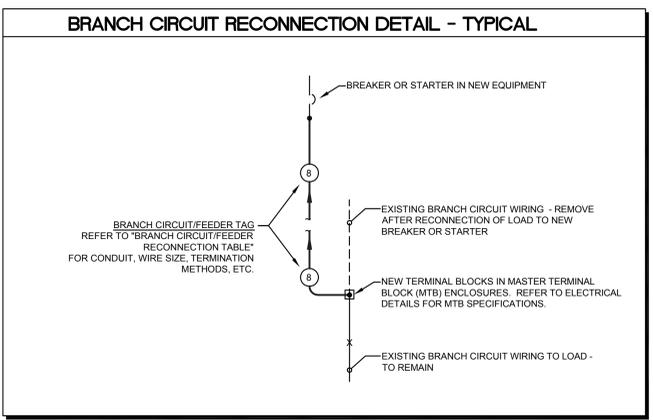
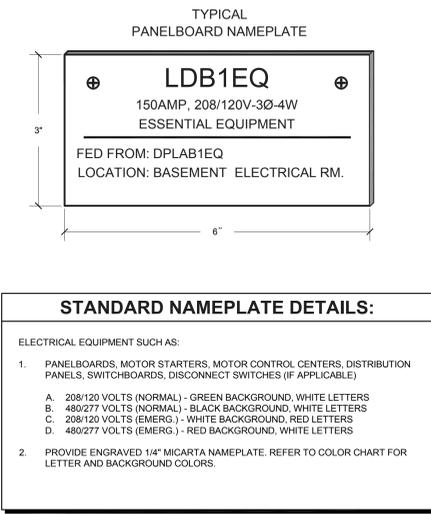


three inches = one foot  
 one and one half inches = one foot  
 one inch = one foot  
 one half inch = one foot  
 three quarters inch = one foot  
 one quarter inch = one foot  
 three eighths inch = one foot  
 one eighth inch = one foot  
 one sixteenth inch = one foot

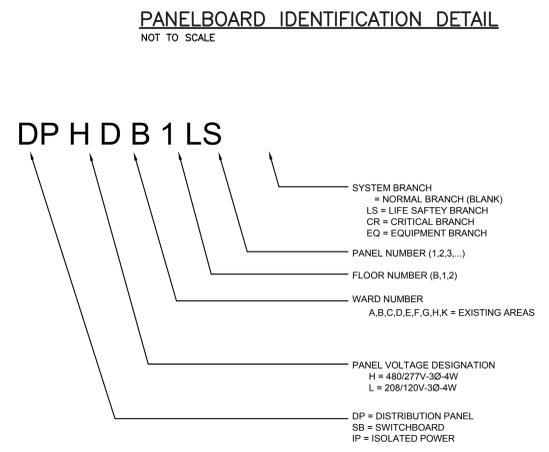


**BRANCH CIRCUIT RECONNECTION TABLE**

BRANCH CIRCUIT INFORMATION												
TAG	LOAD DESCRIPTION	POWER CLASS.	VOLTAGE	O.C.P. OR STARTER SIZE	EXIST. SOURCE	NEW SOURCE	NEW CIRCUIT NUMBERS	CONDUIT SIZES	CONDUCTORS	ADJ. FACTOR NEC 310-15(B)(2)(A)	ALLOW AMP 90°C NEC 310-16	ADJUSTED AMPACITY
01	LD1-COMPRESSOR	EQ	480/277V-3Ø	30A-3P	ELD1	DPHAB1EQ	11,13,15	1" C	3 #8H, 3 #8N & 1 #10EG	70%	55	38.5
02	D16-AC	EQ	480/277V-3Ø	20A-3P			12,14,16	3/4" C	3 #10H, 3 #10N & 1 #10EG	70%	40	28
03	(6) REMAINING 20A-277V CIRCUITS	EQ	277V	(6) 20A-1P	ELD1	HDB2EQ	4-14(EVEN)	1" C	6 #10H, 6 #10N & 1 #10EG	50%	40	20
04	AIR CONDITIONER RM A-15	EQ	208V-3Ø	20A-3P	ERE1A	LDB3EQ	1, 3, 5	1" C	3 #8H, 3 #8N & 1 #10EG	70%	55	38.5
05	(1) REMAINING 20A-120V CIRCUITS	EQ	120V	(1) 20A-1P	ERE1A	LDB3EQ	7	3/4" C	2 #12H, 2 #12N & 1 #12EG	100%	40	40
06	(1) REMAINING 20A-120V CIRCUITS	EQ	120V	(1) 20A-1P	ERE1B							
07	(2) REMAINING 20A-208V CIRCUIT	EQ	208V-1Ø	(2)20A-2P	ERE1C	LDB3EQ	11,13,15,17	3/4" C	4 #12H, 4 #12N & 1 #12EG	70%	40	28

**CIRCUIT/FEEDER RECONNECTION NOTES:**

- ELECTRICAL CONTRACTOR SHALL IDENTIFY ALL EXISTING CIRCUITS FED OUT OF EXISTING ELECTRICAL ROOMS E12a, D06a AND D06b PRIOR TO DISCONNECTING. TRACE EXISTING CIRCUITS WITH AN ADVANCED WIRE TRACER (AMPROBE AT-4000 OR SIMILAR) THAT WORKS WITH ENERGIZED OR DE-ENERGIZED CIRCUITS AND IS CAPABLE OF INJECTING TRACE SIGNAL WITH CLAMP-ON ATTACHMENT FOR NON-CONTACT OPERATION. IN GENERAL, CIRCUITS MUST BE TRACED WHILE ENERGIZED.
- A WRITTEN 'LOAD IDENTIFICATION' REPORT OF ALL EXISTING CIRCUITS FED FROM THESE ROOMS SHALL BE SUBMITTED TO THE C.O.R. FOR REVIEW WITH THE FACILITIES MAINTENANCE DEPARTMENT. THE REPORT SHALL INDICATE: SOURCE EQUIPMENT NAME, CIRCUIT NUMBER, CIRCUIT RATING, LOAD DESCRIPTION, LOAD LOCATION (LOAD IN WATTS), DATE OF TRACE AND INITIAL OF PERSON COMPLETING TRACE.
- PERFORM ALL CUT-OUT WORK OF RECONNECTED BRANCH CIRCUITS/FEEDERS DURING VAMC 'OFF-HOURS'. THIS WORK SHALL BE SCHEDULED WITH THE C.O.R. AT LEAST 14 DAYS IN ADVANCE. ALL PREMIUM COST (LABOR, EQUIPMENT RENTALS, ETC) ASSOCIATED WITH PERFORMING THIS WORK DURING SECOND SHIFTS, THIRD SHIFTS OR WEEKENDS SHALL BE INCLUDED IN THE CONTRACTORS BID PRICE.



**FEEDER SCHEDULE**

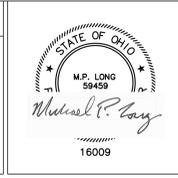
ONE-LINE TAG	CONDUIT AND WIRE SIZE
50A-3Ø-3W	0.75" C - 3 #6 AND 1 #10EG
60A-3Ø-4W	1" C - 4 #6 AND 1 #10EG
70A-3Ø-4W	1" C - 4 #4 AND 1 #8EG
100A-3Ø-3W	1" C - 3 #2 AND 1 #8EG
100A-3Ø-4W	1.25" C - 4 #2 AND 1 #8EG
150A-3Ø-3W	1.5" C - 3 #1/0 AND 1 #8EG
150A-3Ø-4W	1.5" C - 4 #1/0 AND 1 #8EG
250A-3Ø-3W	2.5" C - 3 #4/0 AND 1 #4EG
250A-3Ø-4W	2.5" C - 4 #4/0 AND 1 #4EG
400A-3Ø-3W	2.5" C - 3 #500KCM AND 1 #2EG
400A-3Ø-4W	3" C - 4 #500KCM AND 1 #2EG
600A-3Ø-3W	(2)2.5" C - 3 #350KCM AND 1 #1/0 EG (2-SETS OF #350KCM IN PARALLEL)
600A-3Ø-4W	(2)3" C - 4 #350KCM AND 1 #1/0 EG (2-SETS OF #350KCM IN PARALLEL)
800A-3Ø-3W	(2)3" C - 3 #500KCM AND 1 #1/0 EG (2-SETS OF #500KCM IN PARALLEL)
800A-3Ø-4W	(2)3" C - 4 #500KCM AND 1 #1/0 EG (2-SETS OF #500KCM IN PARALLEL)

**DISTRIBUTION EQUIPMENT IDENTIFICATION DETAIL**  
 NOT TO SCALE

**FOR CONSTRUCTION**

ADDENDUM	DATE
ADDENDUM 02	03/03/17
FINAL SUBMISSION	07/05/16
Revisions:	Date

**CONSULTANTS:**



**ARCHITECT/ENGINEERS:**

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 BRIDGEVIEW, OHIO 44147  
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Drawing Title  
**POWER DISTRIBUTION LEGEND & DETAILS**

Approved: Project Director

Project Title  
**VAMC WADE PARK CLEVELAND RENOVATE RESEARCH NORTH**

Location  
 10701 EAST BLVD, CLEVELAND, OHIO 44106

Date  
 07/05/16

Checked By  
 MPL

Drawn By  
 TWM

Project Number  
 541-13-104

Building Number  
 1

Drawing Number  
**1-E9A**

Office of Construction and Facilities Management

Department of Veterans Affairs