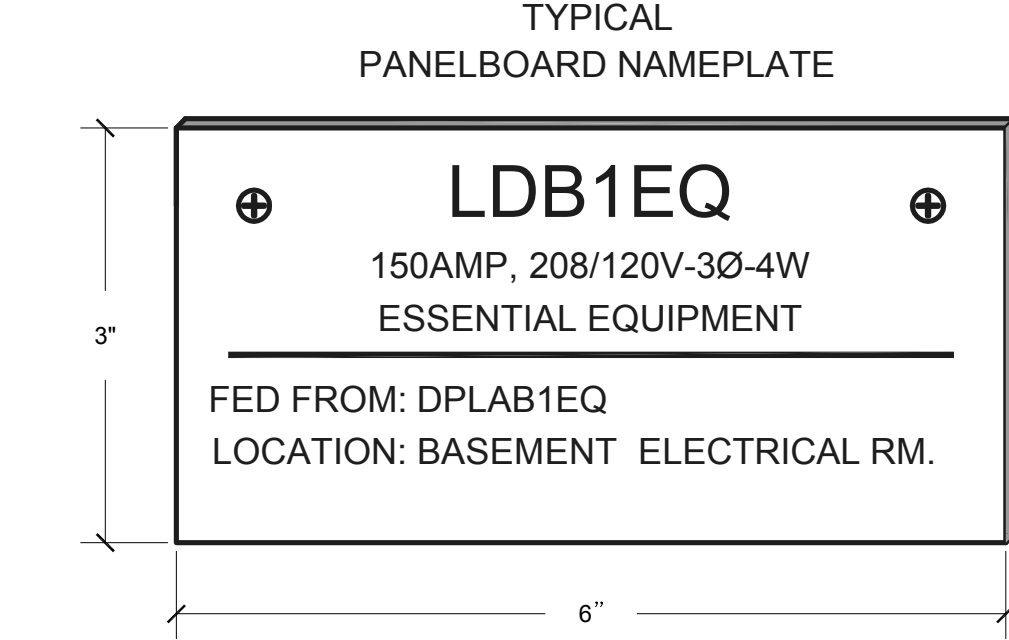


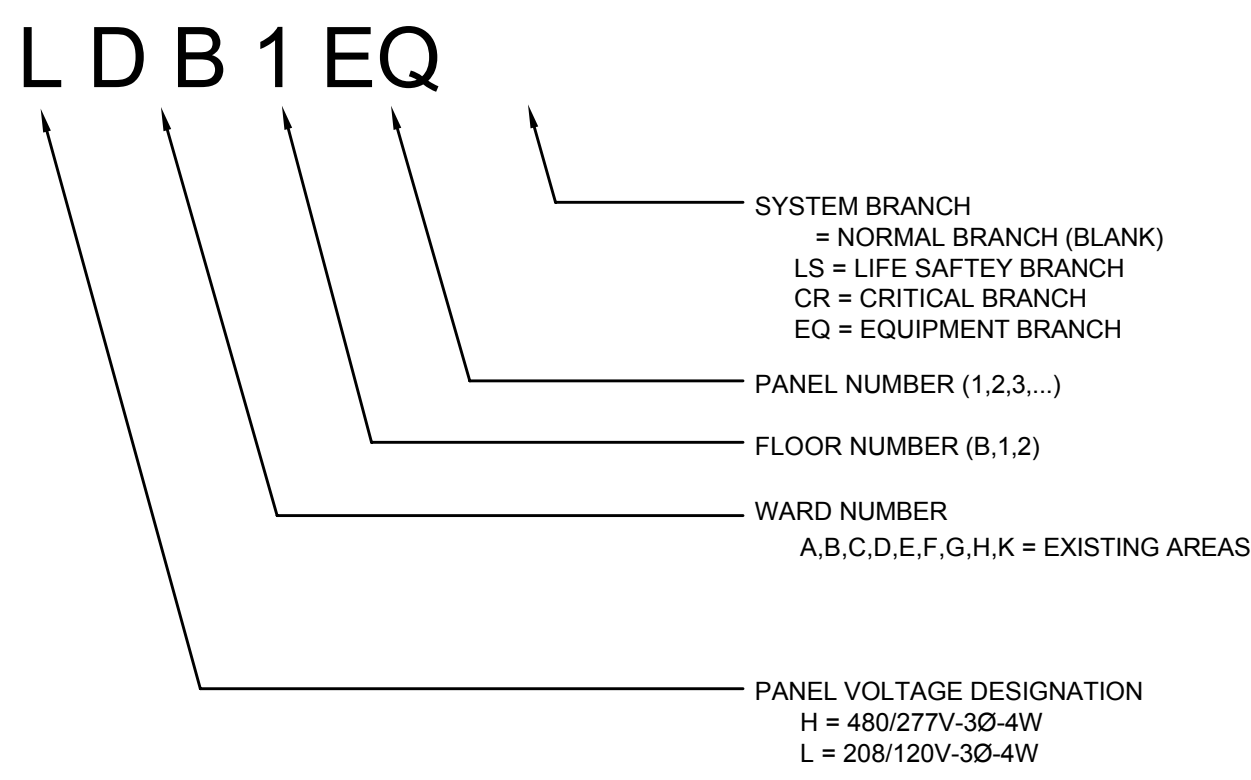
three inches = one foot
one inch = one foot
one half inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot
one sixteenth inch = one foot



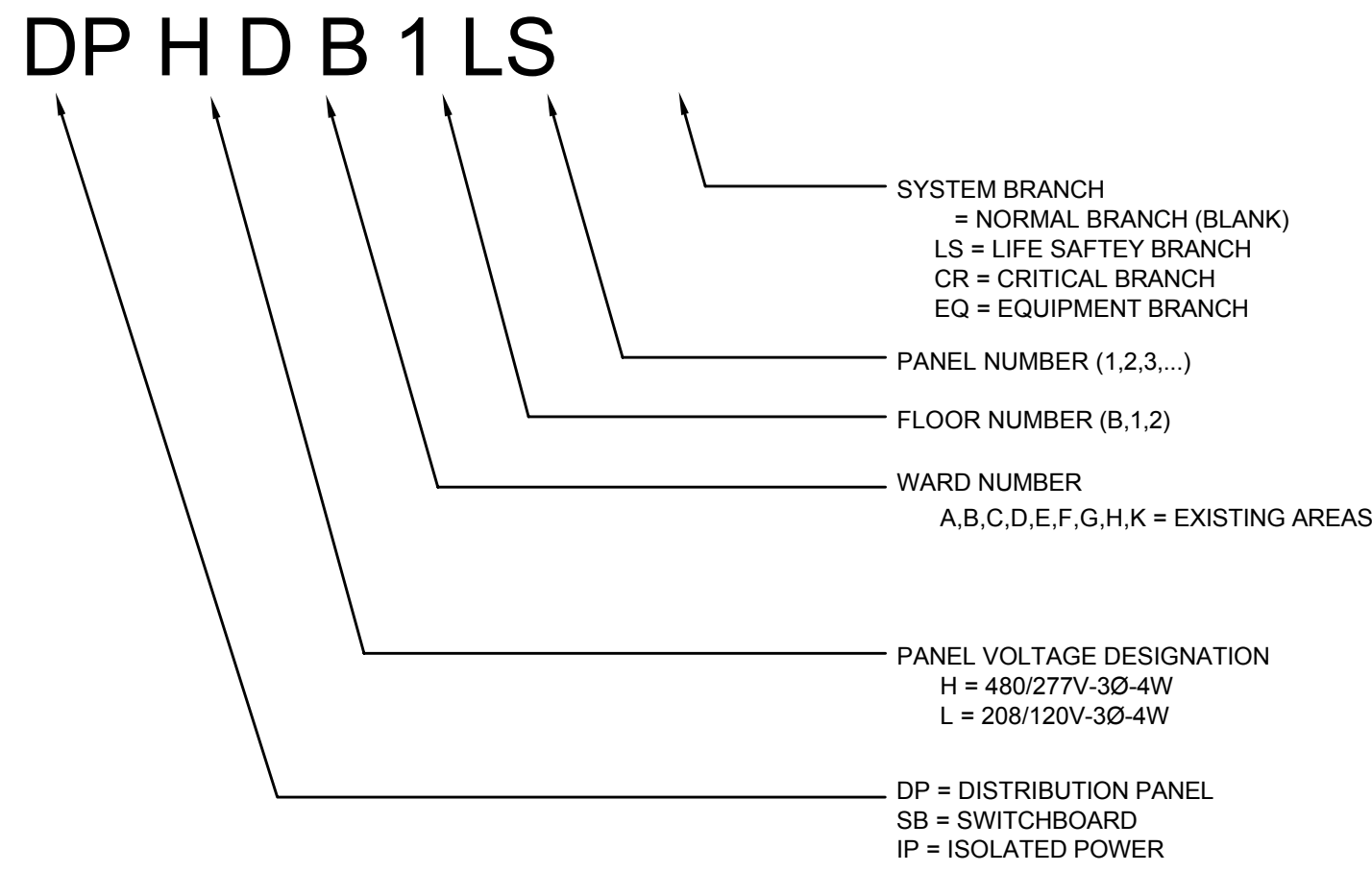
STANDARD NAMEPLATE DETAILS:

ELECTRICAL EQUIPMENT SUCH AS:

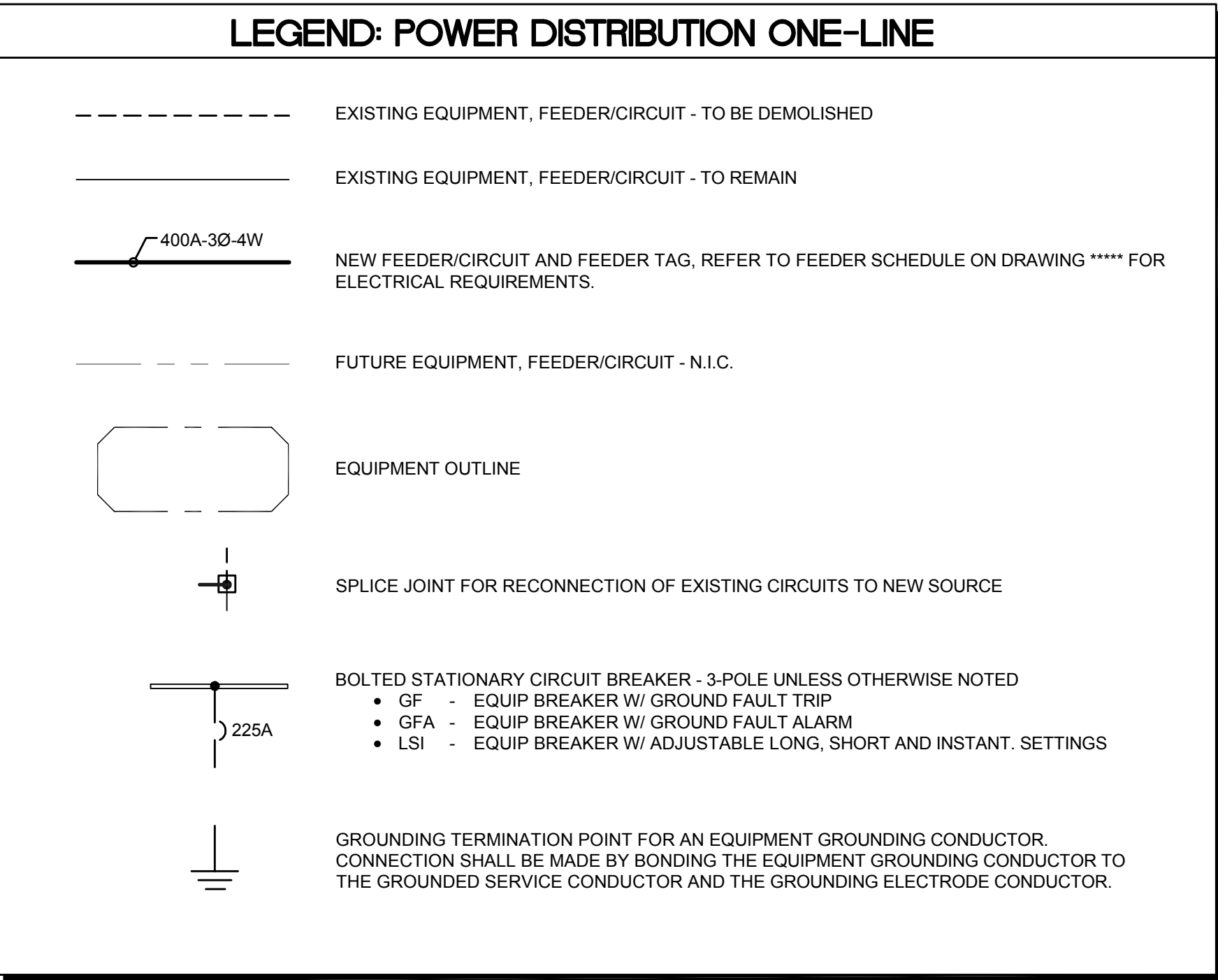
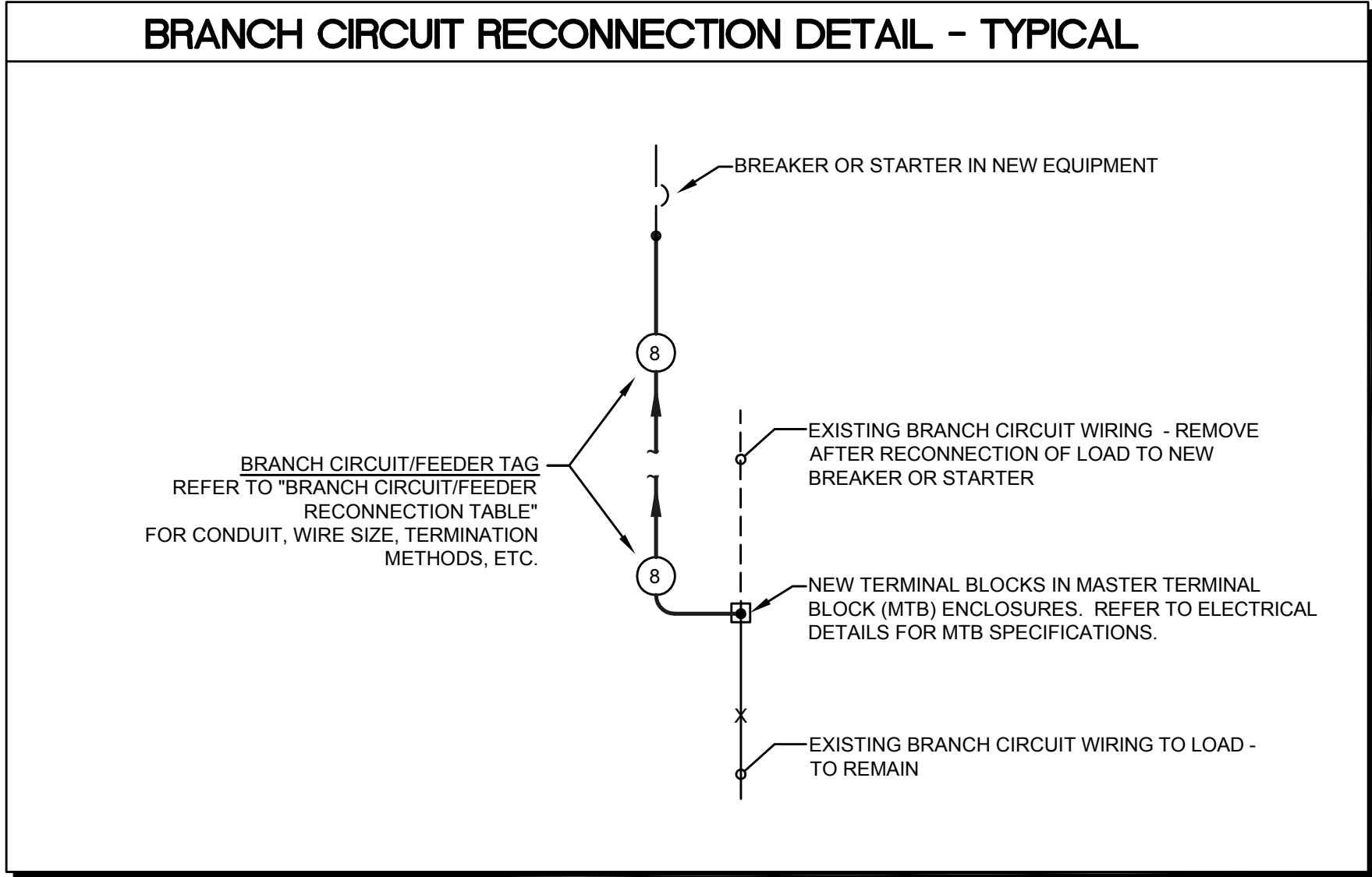
- PANELBOARDS, MOTOR STARTERS, MOTOR CONTROL CENTERS, DISTRIBUTION PANELS, SWITCHBOARDS, DISCONNECT SWITCHES (IF APPLICABLE).
 - 208/120 VOLTS (NORMAL) - GREEN BACKGROUND, WHITE LETTERS
 - 480/277 VOLTS (NORMAL) - BLACK BACKGROUND, WHITE LETTERS
 - 208/120 VOLTS (EMERG.) - WHITE BACKGROUND, RED LETTERS
 - 480/277 VOLTS (EMERG.) - RED BACKGROUND, WHITE LETTERS
- PROVIDE ENGRAVED 1/4" MICARTA NAMEPLATE. REFER TO COLOR CHART FOR LETTER AND BACKGROUND COLORS.



PANELBOARD IDENTIFICATION DETAIL
NOT TO SCALE



DISTRIBUTION EQUIPMENT IDENTIFICATION DETAIL
NOT TO SCALE



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)(X)	ALLOW AMP 90°C NEC 310-16	ADJUSTED AMPACITY
01	LD1-COMPRESSOR	EQ	480/277V-3Ø	30A-3P	ELD1	DPHAB1EQ	11,13,15	1"Ø	3 #8H, 3 #8N & 1 #10EG	70%	55	38.5
02	D16-AC	EQ	480/277V-3Ø	20A-3P			12,14,16	3/4"Ø	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"Ø	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"Ø	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"Ø	2 #12H, 2 #12N & 1 #12EG	100%	40	40
06	(1) REMAINING 20A-120V CIRCUITS	EQ	120V	(1) 20A-1P	ERE1B		9					
07	(2) REMAINING 20A-208V CIRCUIT	EQ	208V-1Ø	(2)20A-2P	ERE1C	LDB3EQ	11,13,15,17	3/4"Ø	4 #12H, 4 #12N & 1 #12EG	70%	40	28

CIRCUIT/FEEDER RECONNECTION NOTES:

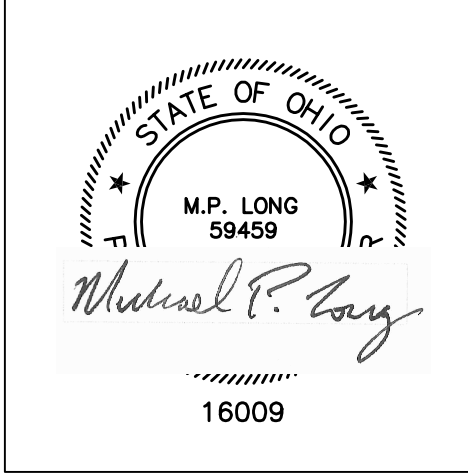
- ELECTRICAL CONTRACTOR SHALL IDENTIFY ALL EXISTING CIRCUITS FED OUT OF EXISTING ELECTRICAL ROOMS E12a, D06a AND D06b PRIOR TO DISCONNECTING. TRACE EXISTING CIRCUITS WITH AN ADVANCED WIRE TRACER (AMPROBE AT-4000 OR SIMILAR) THAT WORKS WITH ENERGIZED OR DE-ENERGIZED CIRCUITS AND IS CAPABLE OF INJECTING 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-OVER 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"Ø - 3 #6 AND 1 #10EG
60A-3Ø-4W	1"Ø - 4 #6 AND 1 #10EG
70A-3Ø-4W	1"Ø - 4 #4 AND 1 #8EG
100A-3Ø-3W	1"Ø - 3 #2 AND 1 #8EG
100A-3Ø-4W	1.25"Ø - 4 #2 AND 1 #8EG
150A-3Ø-3W	1.5"Ø - 3 #1/0 AND 1 #8EG
150A-3Ø-4W	1.5"Ø - 4 #1/0 AND 1 #8EG
250A-3Ø-3W	2.5"Ø - 3 #4/0 AND 1 #4EG
250A-3Ø-4W	2.5"Ø - 4 #4/0 AND 1 #4EG
400A-3Ø-3W	2.5"Ø - 3 #500KCM AND 1 #2EG
400A-3Ø-4W	3"Ø - 4 #500KCM AND 1 #2EG
600A-3Ø-3W	(2)2.5"Ø - 3 #350KCM AND 1 #1/0 EG (2-SETS OF #350KCM IN PARALLEL)
600A-3Ø-4W	(2)3"Ø - 4 #350KCM AND 1 #1/0 EG (2-SETS OF #350KCM IN PARALLEL)
800A-3Ø-3W	(2)3"Ø - 3 #500KCM AND 1 #1/0 EG (2-SETS OF #500KCM IN PARALLEL)
800A-3Ø-4W	(2)3"Ø - 4 #500KCM AND 1 #1/0 EG (2-SETS OF #500KCM IN PARALLEL)

FOR CONSTRUCTION

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

CONSULTANTS:	
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ARCHITECT/ENGINEERS:	
MAKOVICH & PUSTI ARCHITECTS, INC. 111 FRONT STREET BEREA, OHIO 44017 (440) 871-2070	FREDRICK, FREDRICK & HELLER ENGINEERS, INC. 672 EAST ROYALTON ROAD BROADVIEW HTS., OHIO 44147 Tel: (440) 546-1800 Fax: (440) 546-9888

Drawing Title POWER DISTRIBUTION LEGEND & DETAILS	Approved: Project Director
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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
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