

Panel: LSD

Location: ELECTRICAL CLOSET-2 112-2

Supply From: 480V-LSD

Voltage: 480/277 Wye-3PH-4W

Mounting: Surface

Main Type: MLO

A.I.C. Rating: 16,000

Mains Rating: 400 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	"Spare	0 A	3	0 VA	0 VA					3	400 A	Existing	2
3	--	--	--			0 VA	0 VA			--	--	--	4
5	--	--	--					0 VA	0 VA	--	--	--	6
7	Space	--	--	0 VA	0 VA					3	0 A	**Spare	8
9	Space	--	--			0 VA	0 VA			--	--	--	10
11	Space	--	--					0 VA	0 VA	--	--	--	12
13	Existing	250 A	3	0 VA	0 VA					3	250 A	Existing	14
15	--	--	--			0 VA	0 VA			--	--	--	16
17	--	--	--					0 VA	0 VA	--	--	--	18
19	Space	--	--	0 VA	0 VA					3	0 A	**Spare	20
21	Space	--	--			0 VA	0 VA			--	--	--	22
23	Space	--	--					0 VA	0 VA	--	--	--	24
25	Space	--	--	0 VA	0 VA					3	50 A	Existing	26
27	Space	--	--			0 VA	0 VA			--	--	--	28
29	Space	--	--					0 VA	0 VA	--	--	--	30
31	Space	--	--	0 VA	0 VA					--	--	Space	32
33	Space	--	--			0 VA	0 VA			--	--	Space	34
35	Space	--	--					0 VA	0 VA	--	--	Space	36
37	Space	--	--	0 VA	0 VA					--	--	Space	38
39	Space	--	--			0 VA	0 VA			--	--	Space	40
41	Space	--	--					0 VA	0 VA	--	--	Space	42
Total Load:				0.00 kVA		0.00 kVA		0.00 kVA					

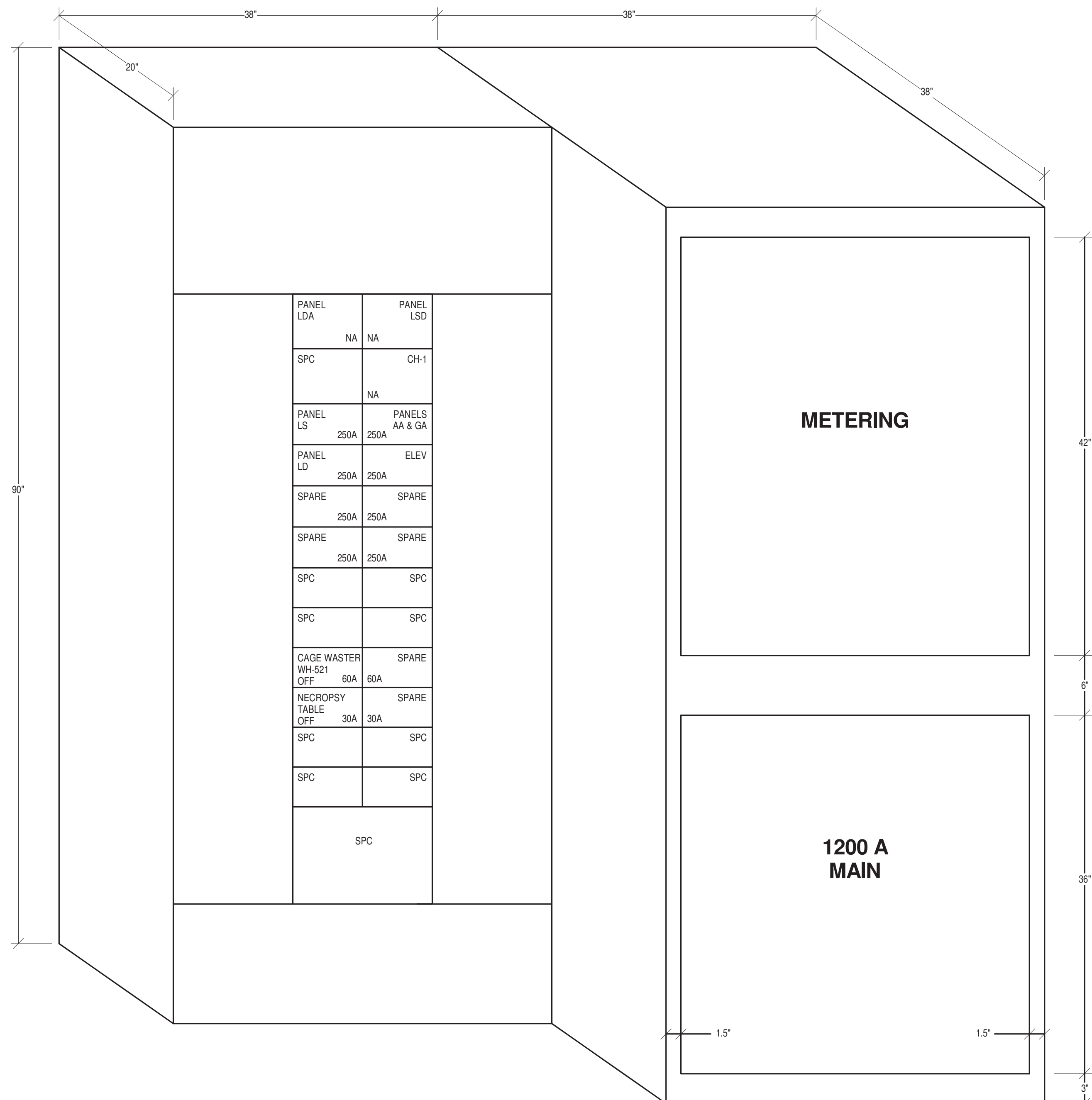
Notes: **FIELD VERIFY BREAKER SIZE PRIOR TO ORDERING.

TOTAL CONNECTED

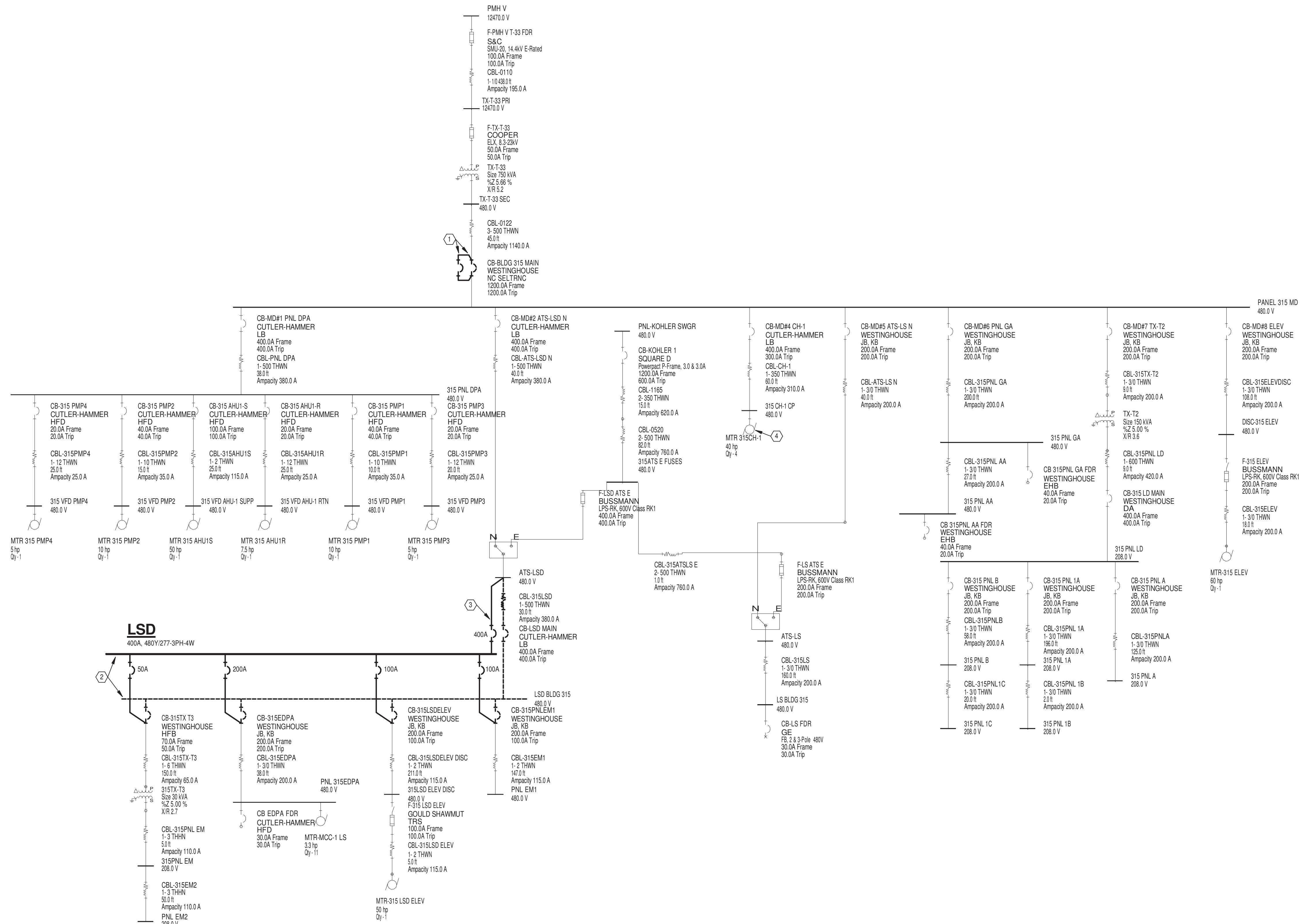
0 kVA

ESTIMATED DEMAND

0 kVA (0 A)



A MAIN DISTRIBUTION PANEL 315-1 - MD

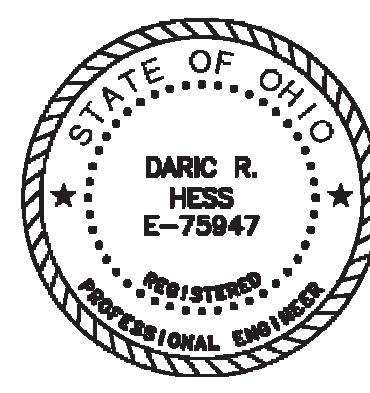


NOTES

1. REMOVE MAIN BREAKER AND REPLACE WITH NEW GROUND FAULT PROTECTED MAIN BREAKER.
2. REMOVE EXISTING PANEL. INTERCEPT AND EXTEND BRANCH CIRCUITRY TO NEW PANEL LOCATION. NEW CIRCUIT NUMBERS SHALL MATCH EXISTING.
3. RUN 4-500 KCMIL, #3 GRD IN 4".
4. REFER TO SHEET 31SEP102R FOR CHILLER PANEL WORK.

[illegible]

CONSULTANTS:



ARCHITECT/ENGINEERS:

JOHN POE ARCHITECTS

3131 NEWMARK DRIVE,
SUITE 200
MIAMISBURG, OHIO
45342
937 461 3290 PHONE
937 461 0260 FAX
jpa@johnpoe.com

Drawing Title

B315 SINGLE-LINE DIAGRAM

Approved: Project Director

Project Title

CORRECT ARC FLASH DEFICIENCIES

Location	Dayton, Ohio
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Date 07/06/2017

Checked
MSG

Drawn
JBS

Project No.	
VA Project No.	552-16-551
JPA Project No.	-
Building Number	

Drawing Number

315E001

315E001

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Office of
Construction
and Facilities
Management





A. SCHEDULE ANY OUTAGES WITH THE COR 4 WEEKS PRIOR TO PERFORMING WORK. CONTRACTOR SHALL SUBMIT A SEQUENCE OF CONSTRUCTION NARRATIVE TO THE COR FOR REVIEW AND APPROVAL PRIOR TO START OF WORK. NARRATIVE SHALL INCLUDE DATE AND TIME OF SHUTDOWN, ANTICIPATED DURATION, AND SEQUENCE OF REMOVAL AND INSTALLATION. CONTRACTOR SHALL SCHEDULE A WALK THRU WITH THE COR AND OWNER PRIOR TO ANY SHUTDOWNS.

B. PROVIDE DEDICATED NEUTRAL FOR ALL CIRCUITS UNLESS OTHERWISE INDICATED. EMT CONDUIT SHALL BE 75% MINIMUM.

C. CONTRACTOR SHALL INSTALL ALL CONDUIT/FIDERS TIGHT TO STRUCTURE TO ALLOW FOR REDUCED CLEARANCES AROUND OTHER TRADES ABOVE CEILING EQUIPMENT.

D. EACH BRANCH CIRCUIT HOMERUN SHALL HAVE NO MORE THAN THREE CIRCUITS.

E. EACH BRANCH CIRCUIT SHALL HAVE A SEPARATE NEUTRAL AND A SHARED GROUND INSULATED EQUIPMENT GROUNDING CONDUCTOR WITHIN THE RACEWAY.


UNDER DEDUCT 1L #2 TRACE EACH BRANCH CIRCUIT FED BY EACH PANEL MODIFIER. PROJECT AND UPDATE PANEL SCHEDULE ACCORDING TO ROOMS/EQUIPMENT IT SERVES.

1. REMOVE EXISTING MAIN BREAKER AND REPLACE WITH GROUND FAULT PROTECTED MAIN. COORDINATE WITH SWITCHBOARD MANUFACTURER PRIOR TO ORDERING. REFER TO SINGLE LINE DIAGRAM FOR SIZING.
2. REMOVE EXISTING PANEL. INTERCEPT EXISTING CONDUITS AND CIRCUITRY AND EXTEND TO NEW PANEL LOCATION.
3. SPLICE BOX SHALL BE INSTALLED A MINIMUM 10'-0" AFF.
4. REROUTE FEEDER TO NEW PANEL LOCATION.
5. REFER TO SHEET 31SEP102R FOR CHILLER PANEL WORK.

CONSULTANTS:

**Heapy Engineering**
MEP Design Technology Planning Commissioning Energy
Nationally Recognized Leader in Sustainability
1400 W Dorothy Lane, Dayton, OH 45409-1310
Ph 937-224-0861 Fax 937-224-5777 www.heapy.com
Heapy Project No.: 2016-05088 Firm License No.: 01528



Project Title CORRECT ARC FLASH DEFICIENCIES			Project No. VJA Project No. 552-16-551 UJA Project No. -		Office of Construction and Facilities Management
			Building Number		
Location Dayton, Ohio			Drawing Number 315EP101		
Date 07/06/2017	Checked MSG	Drawn JRS	Dwg. of		 Department of Veterans Affairs