

File: L:\2021\21A10111 - LIT Fire Suppression Improvements\Drawings\LIT_FS_IMP-EP104.dwg, Last Save: 5/5/2025 11:34 AM, Last saved by: NAHolland
Last plotted by: Holland, Nicholas A., Plot Style: AECMono.ctb, Plot Scale: 1" = 1', Plot Date: 5/5/2025 11:45 AM, Plotter used: DWG To PDF, pcd3

PANEL NAME:		VOLTAGE		PHASE:		WIRE:		NEUTRAL RATING:			PANEL DESCRIPTION:						
EMDP		480Y/277V		3		4		100%			EMERGENCY LOADS BUILDING 100						
MAINS:		MOUNTING:		MAX. NO. OF CIRCUITS:		MANUFACTURER:		PANEL A.I.C. RATING:			LOCATION:						
MLO		Surface		30		-		65 000 A			BUILDING 100						
NO	DESCRIPTION	BRANCH POLES	BKR	WIRE (AWG)	VA			Load Type	Load Type	VA			WIRE (AWG)	BRANCH BKR	POLES	DESCRIPTION	NO.
1	HA	3	60	6	-					-			6	60	3	HB	2
3				6		-				-		6	4				
5				6			-			-		6	6				
7				2	-					-		-	8				
9	XFMR- LD,LF	3	100	2		-					-		-	100	3	Spare	10
11				2			-				-		-				12
13	Spare	1	20	-	-					-			-	-	-	Space	14
15	Spare	1	20	-		-					-		-	-	-	Space	16
17	Spare	1	20	-			-					-	-	-	-	Space	18
19	Spare	1	20	-	-					-			-	-	-	Space	20
21	Spare	1	20	-		-					-		-	-	-	Space	22
23	Spare	1	20	-			-					-	-	-	-	Space	24
25	Spare	1	20	-	-					-			-	-	-	Space	26
27	Spare	1	20	-		-					-		-	-	-	Space	28
29	Spare	1	20	-			-					-	-	-	-	Space	30

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PANEL EMDP

SCALE: NONE

ARC FLASH LABELING NOTES:

1. SUBMIT TO THE ENGINEER THE COMPLETE ONE-LINE INFORMATION FOR THE EXISTING AND NEW PARKING DECK BUILDING ON AS-BUILT DRAWINGS. THIS INFORMATION SHALL INCLUDE ALL NEW AND EXISTING EQUIPMENT WITHIN THE POWER DISTRIBUTION SYSTEM INCLUDING:

a) PANELBOARD NAMEPLATE DATA
b) TRANSFORMERS NAMEPLATE DATA
c) CIRCUIT BREAKER / FUSE RATINGS AND MODEL NUMBERS
d) CONDUCTOR SIZES, LENGTHS, AND TYPES
e) CONDUIT SIZES AND TYPES
f) OTHER INFORMATION AS REQUESTED
2. TRACE EXISTING CIRCUITS AS REQUIRED TO COMPLETE THE AS BUILT DRAWINGS.
3. ENGINEER WILL COMPLETE ARC FLASH STUDY FOLLOWING RECEIPT OF INFORMATION FROM CONTRACTOR. ENGINEER WILL PROVIDE FLASH LABEL LEGEND TO CONTRACTOR FOR ORDERING LABELS.
4. SUBMIT LABEL TYPE, STYLE, AND APPEARANCE TO ENGINEER FOR APPROVAL PRIOR TO PURCHASING LABELS.
5. PROCURE LABELS AND INSTALL ON EQUIPMENT.
6. ALL WORK REQUIRED TO COMPLETE ARC FLASH LABELING SHALL BE CONSIDERED SUBSIDIARY TO THE ELECTRICAL VAULT MODIFICATIONS PAY ITEMS.

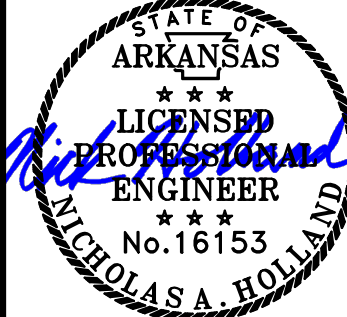
PANEL NAME:		VOLTAGE		PHASE:		WIRE:		NEUTRAL RATING:		PANEL DESCRIPTION:							
10FPC		480Y/277V		3		4		100%		FIRE PUMP CONTROLLER							
MAINS:		MOUNTING:		MAX. NO. OF CIRCUITS:		MANUFACTURER:		PANEL A.I.C. RATING:		LOCATION:							
1200A		Surface		30		-		65 000 A		BUILDING 1000							
NO	DESCRIPTION	BRANCH POLES	BKR	WIRE (AWG)	VA			Load Type	Load Type	VA			WIRE (AWG)	BRANCH BKR	POLES	DESCRIPTION	NO.
1				4/0	-					-			4/0				2
3	10FP1	3	250	4/0		-					-		4/0	250	3	10FP2	4
5				4/0			-					-	4/0				6
7				4/0	-					-			4/0				8
9	10FP3	3	250	4/0		-					-		4/0	250	3	10FP4	10
11				4/0			-					-	4/0				12
13				-	-					-			-	-	1	Space	14
15				-		-					-		-	-	1	Space	16
17	Spare	3	250	-			-					-	-	-	1	Space	18
19	Space	1	-	-	-					-			-	-	1	Space	20
21	Space	1	-	-		-					-		-	-	1	Space	22
23	Space	1	-	-			-					-	-	-	1	Space	24
25	Space	1	-	-	-					-			-	-	1	Space	26
27	Space	1	-	-		-					-		-	-	1	Space	28
29	Space	1	-	-			-					-	-	-	1	Space	30

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PANEL 10FPC

SCALE: NONE



Digitally Signed 05/02/2025

BY									
REV									
DATE									
DESCRIPTION									

BILL AND HILLARY CLINTON
NATIONAL AIRPORT
LITTLE ROCK, AR 72206

FIRE SUPPRESSION
IMPROVEMENTS

ELECTRICAL
PANEL SCHEDULES -
BUILDING 100 & 1000

JOB NO.: 21A10111
DATE: MAY 2025
DESIGNED BY: NAH
DRAWN BY: ICC

BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET,
ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER
EP-607