



MITSCH
DESIGN

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EVREN APARTMENTS
NEW CONSTRUCTION
EVREN APARTMENTS CLUBHOUSE
LEE'S SUMMIT, MISSOURI
PERMIT SET



4/16/2025

MD PROJECT #:	24097
DRAWN BY:	CJD
CHECKED BY:	RRB
PRELIMINARY	-
PERMIT SET	5/31/2024
#	REVISION SCHEDULE
	DATE DESCRIPTION
	04/16/25 COORDINATION

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ELECTRICAL
SCHEDULES

E303

ELECTRICAL PANEL SCHEDULE

PANEL: A				LOCATION:				MOUNTING:					
BUS: 600 A		MAINS: MB		VOLTAGE:		120/240		PHASE/WIRE:		1 Ph 3 Wire		KAIC: 42	
		WATTS				POLE				WATTS			
DESCRIPTION		A	B	BRKR	WIRE	WIRE	BRKR	A	B	DESCRIPTION			
PANEL B		46300		400	1 2		100		6650	PANEL P			
			47850	2P	3 4		2P		7000				
AHU - CL3		7200		80	10 5 6	12	20		1200	RECEPTACLES			
			7200	2P	10 7 8	12	20		600	RECEPTACLES			
CU - CL3		3300		50	10 9 10	12	20		1000	TREAD			
			3300	2P	10 11 12	12	20		1000	TREAD			
WATER HEATER		2250		30	10 13 14	12	20		1000	TREAD			
			2250	2P	10 15 16	12	20		500	RECEPTACLES			
EUH - A		1500		20	12 17 18	12	20		500	RECEPTACLES			
			1500	2P	12 19 20	12	20		600	RECEPTACLES			
EUH - A		1500		20	12 21 22	12	20		500	RECEPTACLES			
			1500	2P	12 23 24	12	20		200	RECEPTACLES			
RECEPTACLES		400		20	12 25 26	12	20		400	RECEPTACLES			
LIGHTING			500	20	12 27 28	12	20		400	RECEPTACLES			
LIGHTING		500		20	12 29 30	12	20		800	RECEPTACLES			
LIGHTING			500	20	12 31 32	12	20		600	RECEPTACLES			
LIGHTING		500		20	12 33 34	12	20		1000	RECEPTACLES			
LIGHTING			500	20	12 35 36	12	20		1000	RECEPTACLES			
RECEPTACLES		400		20	12 37 38	12	20		1000	RECEPTACLES			
RECEPTACLES			600	20	12 39 40	12	20		800	RECEPTACLES			
RECEPTACLES		600		20	12 41 42	12	20		800	RECEPTACLES			
CONNECTED LOAD-WATTS		79300	78400	FEEDER LOAD-WATTS				FEEDER LOAD-AMPS FEEDER WIRE FEEDER OCP 600 A					
CONNECTED LOAD-AMPS		661	653	FEEDER LOAD-AMPS									
CONTINUOUS LOAD				FEEDER WIRE									
RECEPTACLES				FEEDER OCP									
NON-CONTINUOUS LOAD													
OTHER DIVERSIFIED LOAD				@				0					

ELECTRICAL PANEL SCHEDULE

ELECTRICAL PANEL SCHEDULE									
PANEL: B		LOCATION:				MOUNTING:			
BUS: 400 A		MAINS: MLO		VOLTAGE:		120/240		PHASE/WIRE:	
		WATTS		POLE		1 Ph 3 Wire		KAIC: 42	
DESCRIPTION		A	B	BRKR	WIRE	WIRE	BRKR	A	B
AHU - CL1		7200	7200	2P	4 1 2	12	20	400	RECEPTACLES
AHU - CL2		7200	7200	2P	4 3 4	12	20	400	RECEPTACLES
WATER HEATER		2250	2250	2P	4 5 6	12	20	400	RECEPTACLES
COFFEE MAKER		1000	1000	2P	4 7 8	12	20	600	RECEPTACLES
RECEPTACLES		800	800	2P	10 9 10	12	20	600	RECEPTACLES
CU - CL1		3300	3300	2P	10 11 12	12	20	600	RECEPTACLES
CU - CL2		3300	3300	2P	8 19 20	12	20	1000	RECEPTACLES
DSS - C		1200	1200	2P	8 21 22	12	20	600	RECEPTACLES
EUH - A		1500	1500	2P	8 23 24	12	20	800	RECEPTACLES
RECEPTACLES		600	1500	2P	10 25 26	12	20	800	RECEPTACLES
LIGHTING		1000	1000	2P	10 27 28	12	20	1200	RECEPTACLES
LIGHTING		1000	1000	2P	12 29 30	12	20	1200	RECEPTACLES
LIGHTING		1000	1000	2P	12 31 32	12	20	800	RECEPTACLES
LIGHTING		1000	1000	2P	12 33 34	12	20	800	RECEPTACLES
LIGHTING		1000	1000	2P	12 35 36	12	20	600	RECEPTACLES
LIGHTING		1000	1000	2P	12 37 38	12	50	800	RECEPTACLES
LIGHTING		1000	1000	2P	12 39 40	12	2P	800	RECEPTACLES
SITE LIGHTING		750	750	2P	10 41 42	12	20	200	FACP (HLO)
SITE LIGHTING		1200	1200	2P	10 43 44	12	20	400	RECEPTACLES
EV CHARGING		4500	4500	50	8 45 46	12	20	400	RECEPTACLES
(VERIFY)		4500	4500	2P	8 47 48	10	20	500	SITE LIGHTING
EV CHARGING		4500	4500	50	8 49 50	12	20	1000	RECEPTACLES
(VERIFY)		4500	4500	2P	8 51 52				SPACE
SPACE				53 54					SPACE
CONNECTED LOAD-WATTS		46300	47850	FEEDER LOAD-WATTS					
CONNECTED LOAD-AMPS		386	399	FEEDER LOAD-AMPS					
CONTINUOUS LOAD				FEEDER WIRE					
RECEPTACLES				FEEDER OCP					
NON-CONTINUOUS LOAD									
OTHER DIVERSIFIED LOAD				@		0			

Light Fixture Schedule

MARK	DESCRIPTION	MFGR	MODEL	MOUNTING	FINISH	LAMPS	NOTES
X1	Ext	Royal Pacific	RXL-5-RW	surface	white/red	1.5W LED	remote capable
X2	Ext w/heads	Royal Pacific	RXEL39 - RW	surface	white/red	1.5W LED	
X4	Remote Head	Lithonia	ELA-LED	surface	std	1W LED	
X5	Dual-Head Emergency	Lithonia	ELM4L	surface	std	640 lumen	