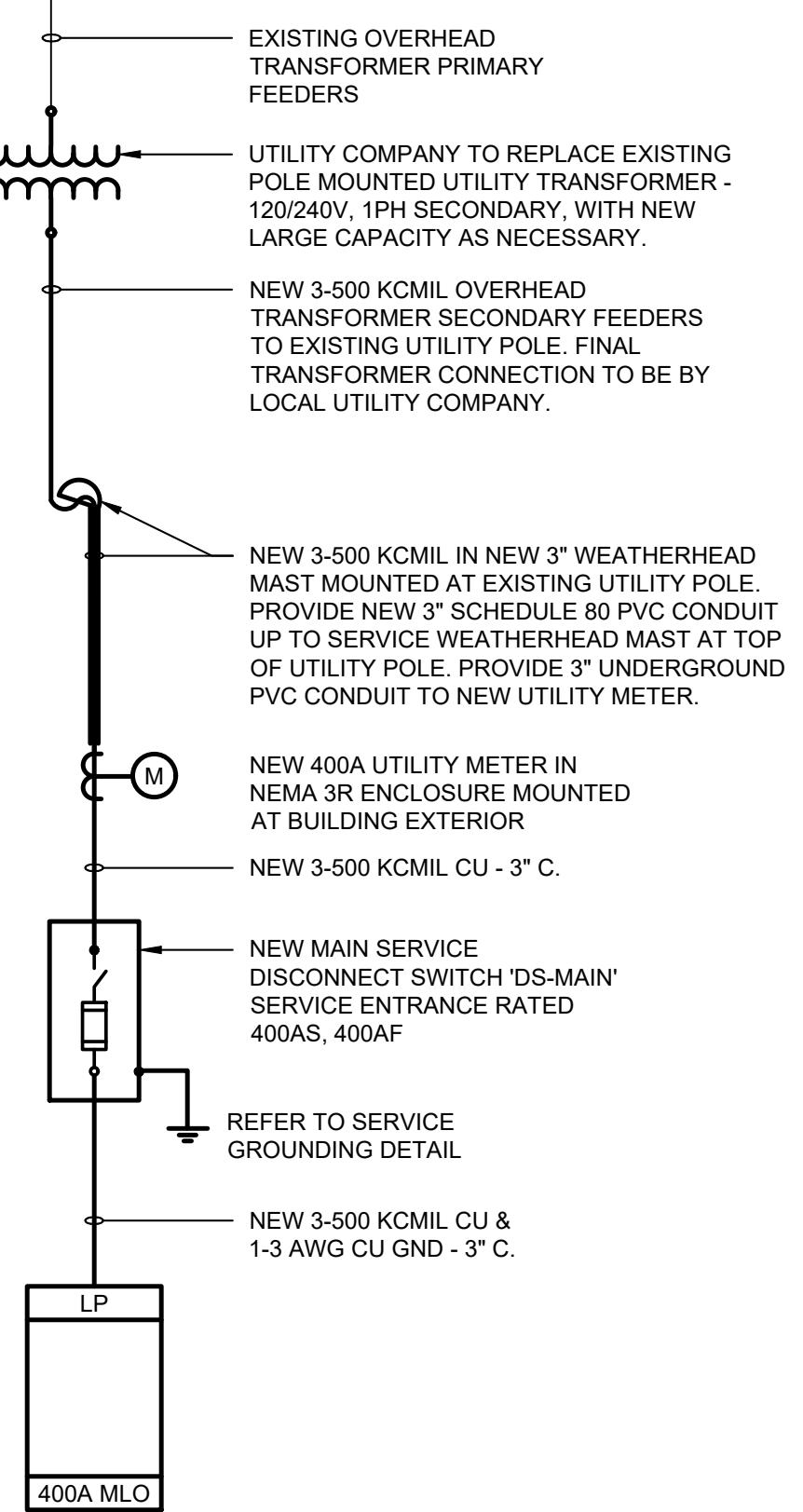


STATE OF OHIO  
PROFESSIONAL ENGINEER  
TIMOTHY G. POOL  
E-59700  
7.24.25

Verdantas

**CIRCUIT BREAKER PANEL SCHEDULE**

PANEL	LP	AMP	400	VOLTAGE	120/240V-1Ø-3W		
INTERRUPTING CAPACITY	10,000	SPACES	72	AMPS RMS SYM	10,000		
MAIN	MLO	MOUNTING SURFACE					
LOAD DESCRIPTION	CONTINUOUS LOAD	NON-CONTINUOUS LOAD (80%)	RECEPTACLE LOAD	RECEPTACLE LOAD	NON-CONTINUOUS LOAD (80%)	CONTINUOUS LOAD	LOAD DESCRIPTION
	ØA ØB	ØA ØB	ØA ØB	ØA ØB	ØA ØB	ØA ØB	
LTS.	0.4			20/1 1 A 2 25/2		2.0	
EXTERIOR LTS.	0.2			20/1 3 B 4		2.0	
SITE LTS.	0.4			20/1 5 A 6 20/2		1.5	
FLAG LTS.	0.1			20/1 7 B 8		0.5	
SPARE				20/1 9 A 10 20/2		0.8	
SPARE				20/1 11 B 12		0.7	
TIMECLOCK #1	0.1			20/1 13 A 14 20/2		0.8	
TIMECLOCK #2	0.1			20/1 15 B 16		0.8	
TIMECLOCK #3	0.2			20/1 17 A 18 20/2		0.8	
TIMECLOCK #4	0.1			20/1 19 B 20 20/2		0.8	
SPARE				20/1 21 A 22 20/2		1.5	
FEATURE PUMP (*)	3.4			20/2 25 B 26 20/2		1.5	
RE-CIRCULATING PUMP (*)	1.3			20/2 27 B 28 20/2		1.5	
UV SANITIZER (*)	1.0			20/2 29 A 30 30/2		2.4	
CHEM CONTROL (*)	1.0			31 B 32 30/2		2.4	
PANEL REC.		0.4		20/1 33 A 34 30/2		2.4	
BATHROOM GFCI		0.5		20/1 35 B 36 30/2		2.4	
CHANGE TABLE (*)	0.5			20/1 37 A 38 30/2		2.4	
HAND DRY (*)	1.0			20/1 39 B 40 30/2		2.4	
HAND DRY (*)	1.0			20/1 41 A 42 30/2		2.4	
HAND DRY (*)	1.0			20/1 43 B 44 30/2		2.4	
HAND DRY (*)	1.0			20/1 45 A 46 20/1		0.3	LP, LR-2
HAND DRY (*)	1.0			20/1 47 B 48 20/1			SPARE
HAND DRY (*)	1.0			20/1 49 A 50 20/1			SPARE
DRINK FTN. (*)	0.4			20/1 51 B 52 20/1			SPARE
BATHROOM GFCI		0.5		20/1 53 A 54 20/1			SPARE
SPARE		20/1 55 B 56 20/1					SPARE
SPARE		20/1 57 A 58 20/1					SPARE
SPARE		20/1 59 B 60 20/1					SPARE
SPARE		20/1 61 A 62 20/1					SPARE
SPARE		20/1 63 B 64 20/1					SPARE
SPARE		20/1 65 A 66 20/1					SPARE
SPARE		20/1 67 B 68 20/1					SPARE
SPARE		20/1 69 A 70 20/1					SPARE
SPARE		20/1 71 B 72 20/1					SPARE
	1.2	0.5	8.1	8.0	0.9	0.5	KW SUB-TOTALS KW
							18.6 17.3
CONNECTED LOAD PER PHASE				SCHEDULE REMARKS			
PHASE A		28.8	KWC	TOTAL CONNECTED LOAD		55.2	KWC
		240.3	AMPS			230.1	AMPS
PHASE B		26.4	KWC	TOTAL DEMAND LOAD		44.8	KWD
		219.9	AMPS			186.7	AMPS
(*) PROVIDE GFCI RATED CIRCUIT BREAKER.							



**ELECTRICAL SERVICE LOAD SUMMARY**

LOAD	KW CONNECTED	DEMAND FACTOR	KW DEMAND	NOTES
LIGHTING	1.0	1.0	1.0	
CONVENIENCE RECEPTACLES	1.44	NEC	1.44	
MISC. BUILDING EQUIPMENT	5.4	0.8	4.32	
MISC. MECHANICAL EQUIPMENT	52.6	0.8	42.1	
SPLASH PAD EQUIPMENT & PUMPS	11.4	0.5	5.7	
TOTALS	71.8		54.6	
SERVICE VOLTAGE:	120/240V, 1-PH, 3-WIRE	DEMAND AMPERES:	228	

**JEFFERSON COMMUNITY PARK IMPROVEMENTS**  
VILLAGE OF JEFFERSON  
262 E JEFFERSON ST  
PANEL SCHEDULES AND ONE LINE DIAGRAM

SCALE: As indicated  
CONTRACT NO: 242425  
SHEET E0.02  
F.B. NO.: PG.:  
DRAWN BY: TGP  
CHECKED BY: TGP  
APPROVED BY: TGP  
33831 Curls Blvd., 216  
Eastgate, OH 44095  
t 440.953.8760  
f 440.953.1289  
www.tecinc1.com  
cleveland | columbus

**SERVICE GROUNDING ELECTRODE SYSTEM WIRING DIAGRAM**  
NO SCALE

tecinc.  
engineering & design