



- GENERAL ONE-LINE DIAGRAM NOTES:
- UNLESS OTHERWISE NOTED, ALL CIRCUIT BREAKERS AND/OR SWITCHES ARE THREE POLE.
 - ALL ELECTRICAL EQUIPMENT AND WIRING SHOWN IN A LIGHT LINE, IS EXISTING TO REMAIN.
 - ALL ELECTRICAL EQUIPMENT AND WIRING SHOWN IN A DARK LINE, IS NEW WORK UNDER THIS CONTRACT.

FEEDER SCHEDULE

DESIG.	EQUIPMENT SERVED	CONDUCTORS			GROUND SIZE PER SET	ISOLATED GROUND SIZE	CONDUIT SIZE PER SET	SPARE CONDUIT
		SETS	NO.	SIZE				
1	MAIN CIRCUIT BREAKER: MCB	2	4	#4/0 AWG CU	--	--	3" C.	--
2	AUTO. TRANSFER SW.: ATS NORMAL	2	4	#4/0 AWG CU	#1/0	--	3" C.	--
3	AUTO. TRANSFER SW.: ATS EMERGENCY	2	4	#4/0 AWG CU	#1/0	--	3" C.	--
4	EXIST. MCC: MCC	2	4	#3/0 AWG CU	#3	--	2-1/2" C.	--
E	EXISTING TO REMAIN							

① GROUND CONDUCTOR IS OVERSIZED FOR FUTURE LOAD.

1 ELECTRICAL ONE-LINE DIAGRAM – PROPOSED
NO SCALE

Saved: 06-14-2018 11:46:45 AM by MICHAEL LEE
 Plot Scale: 1:1 06-19-2018 8:00:49 AM by JMW
 C:\Wichita-Foot\2008\06030\000\Drawings\06030-006-EO.3 ELECTRICAL ONE-LINE DIAGRAM - PROPOSED

MICHAEL W. WHITE
LICENSED
23147
06/19/2018
KANSAS
PROFESSIONAL ENGINEER

No.	Revision	By	Date

PUMP STATION
37TH ST. GENERATOR
ELECTRICAL ONE-LINE DIAGRAM –
PROPOSED

MIKE JACOBS – SUPERINTENDENT OF PRODUCTION AND PUMPING
CITY OF WICHITA PROJECT NO. 448-90903

PEC
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Designed by RWW	Job No. 06030-006	Sht. EO.3
Drawn by JBG	Date June 2018	