

LIGHT FIXTURE SCHEDULE

MARK	MANUFACTURER	MODEL	LAMP DATA			VOLTS	MOUNTING	TOTAL WATTS	DESCRIPTION	NOTES
			LUMENS	TYPE	COLOR (K)					
A	WILLIAMS	46-4-L40/B40-HIAFR-NET/1-DRV-UNV	4000	LED	4000K/82CRI	UNV	40	4" DEEP ENCLOSED INDUSTRIAL, 4FT	1	
A-EM	WILLIAMS	46-4-L40/B40-HIAFR-EM/10MC-MET/1-DRV-UNV	4000	LED	4000K/82CRI	UNV	40	4" DEEP ENCLOSED INDUSTRIAL, 4FT, EM	1	
B	MINIKA AIRE	F414L-WH	-	-	-	120	54	52" DIA. MET. LOCATION CEILING FAN	2	
C	JUNO	J5F-5INOTLM-35K-40CRI-120FRPC-WH-EBX	100	LED	3500K/40 CRI	120	10	5" SURFACE MOUNT LED DISC		
D	JUNO	J5F-13IN8LM-35K-40CRI-120FRPC-WH-EBX	1800	LED	3500K/40 CRI	120	20	13" SURFACE MOUNT LED DISC		
D-EM	JUNO	J5F-13IN8LM-35K-40CRI-120FRPC-WH-EL	1800	LED	3500K/40 CRI	UNV	20	13" SURFACE MOUNT LED DISC W/ EM		

NOTES:

1. FIXTURE SHALL BE NET LISTED.
2. FAN SHALL BE NON-LIT. PROVIDE MANUFACTURER LIGHT CAP AND WALL CONTROLLER.

GENERAL NOTES (APPLIES TO ALL ABOVE):

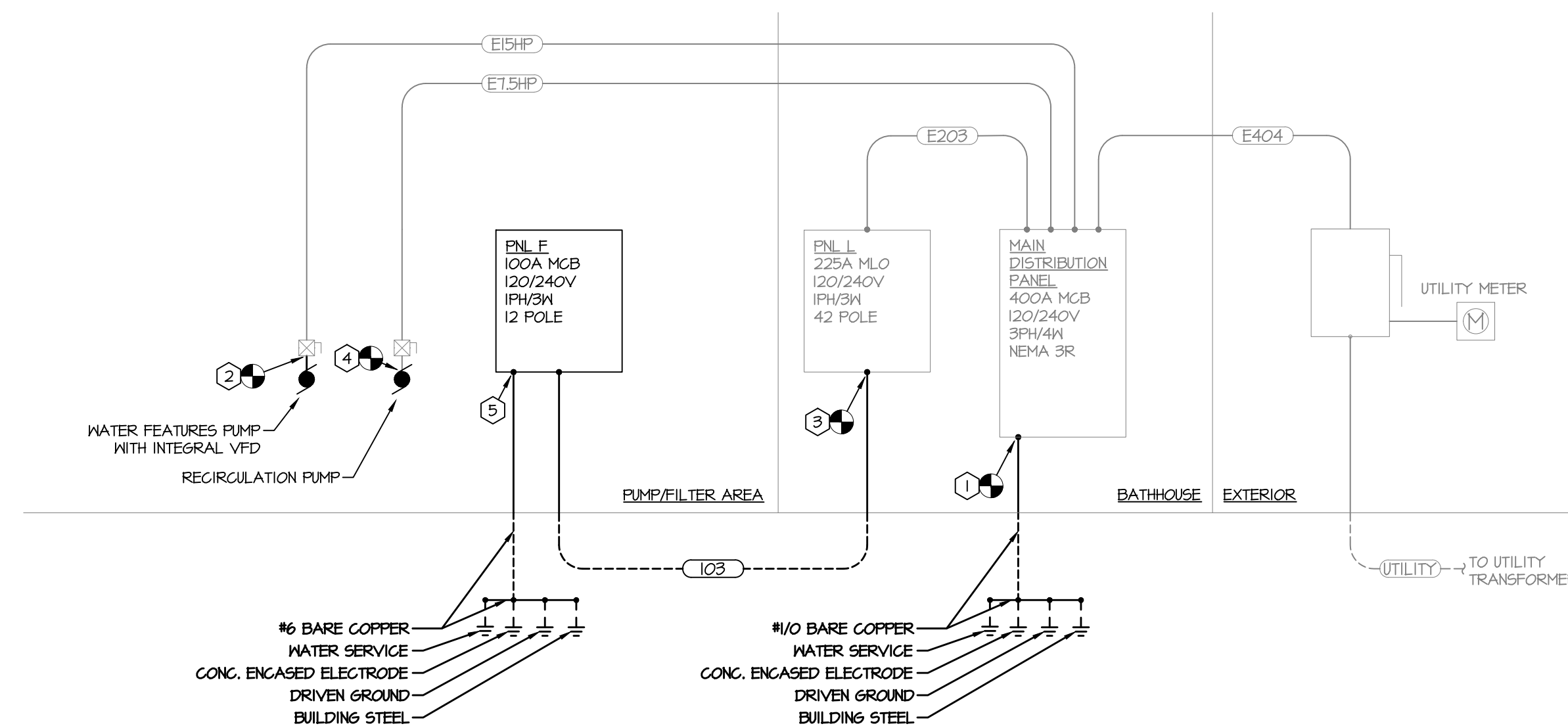
- A. ALL LIGHT FIXTURES SCHEDULED AND SHOWN ON THE PLANS WITH AN "EM" TAG SUFFIX SHALL HAVE AN INTEGRAL EMERGENCY DRIVER.
- B. CONTRACTOR SHALL VERIFY CEILING TYPE PRIOR TO ORDERING ALL FIXTURES.

PANEL F

DESCRIPTION: 100A MCB		100% Neutral Bus NEMA 3R Enclosure		VOLTAGE: 120/240V, 1PH, 3 WIRE		
10 KAIC RATING				TOTAL CONNECTED LOAD: 8kW* 24A		
				DEMANDED LOAD CONTINUOUS: 8kW* 25A		
NO	LOAD (W)	DESCRIPTION	AMP P SIZE	AMP P SIZE	LOAD (W)	NO
1	3000	DECK RECEPTACLE	1 50	A 20	180	2
3	0	SPARE	1 20	B 20	180	4
5	0	SPARE	1 20	A 20	180	6
7	0	SPARE	1 20	B 20	180	8
9	0	SPARE	1 20	A 20	500	10
11	0	SPARE	1 20	B 20	1500	12

PANEL L (EXISTING)

DESCRIPTION: 225A MLO		100% Neutral Bus NEMA 1 Enclosure		VOLTAGE: 120/240V, 1PH, 3 WIRE		
80 KAIC RATING				TOTAL CONNECTED LOAD: 23kW* 98A		
				DEMANDED LOAD CONTINUOUS: 23kW* 107A		
NO	LOAD (W)	DESCRIPTION	AMP P SIZE	AMP P SIZE	LOAD (W)	NO
1	800	RECEPTACLES	1 20	A 20	1000	2
3	800	RECEPTACLES	1 20	B 20	1000	4
5	600	RECEPTACLES	1 20	A 20	1000	6
7	800	RECEPTACLES	1 20	B 20	1200	8
9	1200	VENDING	1 20	A 20	1200	10
11	1200	VENDING	1 20	B 20	1000	12
13	600	FLUSH VALVE XFM	1 20	A 20	0	14
15	600	FLUSH VALVE XFM	1 20	B 20	800	16
17	800	RECEPTACLES	1 20	A 20	0	18
19	600	FLUSH VALVE XFM	1 20	B 20	900	20
21	600	ITB	1 20	A 20	900	22
23	0	SPARE	1 20	B 20	1200	24
25	0	SPARE	1 20	A 20	0	26
27	0	SPARE	1 20	B 20	1500	28
29	0	SPARE	1 20	A 20	180	30
31	0	SPARE	1 20	B 20	120	32
33	0	SPARE	1 20	A 20	1500	34
35	0	SPARE	1 20	B 20	180	36
37	0	SPARE	1 20	A 20	180	38
39	0	SPARE	1 20	B 20	0	40
41	0	SPARE	1 20	A 20	0	42



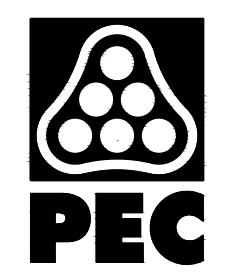
1 Electrical Riser Diagram
Scale: None

FEEDER SCHEDULE:

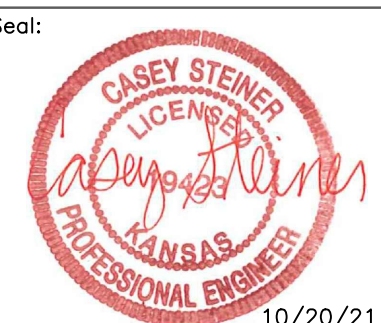
- UTILITY FEEDER BY UTILITY
- (E404) (4)#500GCM IN 4" CONDUIT
- (E203) (3)#3/0, #6 GROUND IN 2" CONDUIT
- (E224) (4)#4/0, #4 GROUND IN 2-1/2" CONDUIT
- (E15HP) (3)#2, #6 GROUND IN 1-1/2" CONDUIT
- (E15HP) (3)#6, #10 GROUND IN 1" CONDUIT
- (I03) (3)#1, #8 GROUND IN 1-1/2" CONDUIT

RISER NEW WORK NOTES:

1. GROUNDING - VERIFY SERVICE ENTRANCE EQUIPMENT IS GROUND PER THE GROUNDING ELECTRODE SYSTEM REQUIREMENTS SET FORTH IN NEC 250.50. ANY BARE GROUNDING ELECTRODE CONDUCTOR THAT IS OXIDIZED SHALL BE REPLACED WITH AN INSULATED GROUNDING ELECTRODE CONDUCTOR IN SCHEDULE 80 PVC CONDUIT.
2. FEATURES PUMP/VED - PROVIDE FEEDER FOR PUMP WITH INTEGRAL VFD AND CONNECT TO EXISTING DISCONNECT/STARTER. FEEDER SHALL BE (3)#10, #10G, IN 1/2" CONDUIT.
3. PANEL F - CONTRACTOR SHALL PROVIDE 100A MCB, 120/240V, 10KAIC, 12 POLE NEMA 3R LOAD CENTER. FEEDER SHALL BE ROUTED BELOW GRADE BETWEEN THE BATHHOUSE AND FILTER BUILDING.
4. RECIRCULATION PUMP - PROVIDE CONNECTION TO REPLACEMENT RECIRCULATION PUMP WITH EXISTING FEEDER. VERIFY FEEDER IS AT LEAST (3)#6 AND #8G, IN 1-1/4" CONDUIT.
5. GROUNDING - GROUND PER THE GROUNDING ELECTRODE SYSTEM REQUIREMENTS SET FORTH IN NEC 250.50.



WICHITA, KANSAS
 Spray Ground
COLLEGE HILL PARK



Casey John Steiner
LICENSE #19423
Date: 10-20-21 Job #: 18-512
Drawn: CDW Checked: CJS
Issue: CONSTRUCTION DOCUMENTS

**ELECTRICAL
DETAILS AND
RISER DIAGRAM**

SP-E3