

LUMINAIRE SCHEDULE										
TYPE	DESCRIPTION	MFR	CATALOG SERIES NUMBER SEE NOTE 1	MOUNTING	FINISH	VOLTS	LAMP			KEY NOTES
							QTY PER FIXTURE	WATTS	TYPE	
R1	2x4 HIGH PERFORMANCE TROFFER	FINELITE	HPR-A-2x4-DCO-2T8	RECESSED		120	3	32	T8 4100K	3
C1	6" DIA CLEAR SPECULAR ALZAK DOWNLIGHT	PRESCOLITE	LF6LED20 LF6LED40 WT TRG	RECESSED	WHITE	120			LED ARRAY	7,8
C2	4" DIA CLEAR SPECULAR ALZAK DOWNLIGHT	PRESCOLITE	LF4LED 120 LF4LED7 40 WT TRG	RECESSED	WHITE	120			LED ARRAY	7,8
C3	2" DIA CLEAR SPECULAR ALZAK DOWNLIGHT	PRESCOLITE	D2LED 206LED 40 8 FL35 WT	RECESSED	WHITE	120			LED ARRAY	7,8
P1	4" TANDEM STRIPLIGHT	METALUX	8T SSF 2 32 120 ER8	PENDANT	WHITE	120	2	32	T8 4100K	
P2	8" LINEAR FLUORESCENT	CORELITE	IQ 0 2 T8 1 120 A	PENDANT	WHITE	120	4	32	T8 4100K	3
S3	POLYCARBONATE SQUARE	FAIL-SAFE	FS 9 126 120 EB1	SURFACE	WHITE	120	1	26	G26CFL	
S4	4" WRAP	METALUX	WE 2 32 A 120 ER	SURFACE	WHITE	120	2	32	T8 4100K	3
S5	NARROW STRIP	METALUX	SNF 1 17 120 ER8	SURFACE	WHITE	120	1	17	T8 4100K	
W1	4" PERIMETER STRAIGHT AND NARROW	NEORAY	75 R 2 T8 U	WALL/RECESSED	WHITE	120	2	32	T8 4100K	
W2	2" PERIMETER STRAIGHT AND NARROW	NEORAY	75 R 2 T8 U	WALL/RECESSED	WHITE	120	2	17	T8 4100K	
W3	3" PERIMETER STRAIGHT AND NARROW	NEORAY	75 R 2 T8 U	WALL/RECESSED	WHITE	120	2	17	T8 4100K	
RH	REMOTE HEAD			SURFACE	WHITE	120				
BU	EMERGENCY LIGHT	DUAL LITE	EVS SERIES	SURFACE	WHITE	120				
X	SELF-POWERED EXIT SIGN	SURE LITES	CT 7 1 G	SURFACE	ALUMINUM	120			LED ARRAY	

- NOTES**
- NOTE THAT THESE NUMBERS ARE NOT COMPLETE CATALOG #S. PROVIDE ALL REQUIREMENTS ON SCHEDULE, NOTES, SPECS, AND DRAWINGS COMBINED.
 - CATALOG SERIES NUMBERS ARE USED TO ESTABLISH A LEVEL OF QUALITY AND NOT INTENDED TO LIMIT COMPETITION. SERIES NUMBERS ARE NOT COMPLETE CATALOG NUMBERS. COMPLY WITH ADDITIONAL REQUIREMENTS IN SPECIFICATIONS AND DRAWINGS.
 - PROVIDE "SUPER TB" LAMPS AND MATCHING BALLASTS. BASIS OF DESIGN BASED ON SYLVANIA PROSTART PSX PROGRAMMED RAPID START BALLAST (1.71 BALLAST FACTOR) AND MATCHING OCTRON XPS LAMPS
 - PROVIDE WALL, CEILING, OR PENDANT MOUNTING AS INDICATED ON PLANS. PROVIDE NUMBER OF FACES AND ARROWS AS INDICATED.
 - PROVIDE PROGRAMMED START BALLAST WITH ROOMS THAT HAVE OCCUPANCY SENSORS.
 - VERIFY CEILING STRUCTURE AND MOUNTING HEIGHT PRIOR TO ORDERING ANY LIGHT FIXTURES.
 - PROVIDE WITH 4100K COLOR TEMPERATURE

E1 LUMINAIRE SCHEDULE

ELECTRICAL SCHEDULE OF MECHANICAL EQUIPMENT															
TAG	DESCRIPTION	VOLTS	PH	LOAD	MCA	MOPD	DISCONNECT SWITCH				STARTER (NEMA)				NOTES
							FRAME	POLES	FUSE	NEMA ENCL	FBD	SIZE/VFD	FBD		
P1	PUMP - HEATING BLDG LOOP - MECH. ROOM	208	3	2 HP	9 A	15A	30	3	15A	1	26	VFD	23	1	
P2	PUMP - HEATING BLDG LOOP - MECH. ROOM	208	3	2 HP	9 A	15A	30	3	15A	1	26	VFD	23	1	
P3	PUMP - RADIANT FLOOR LOOP	208	3	1 SA		15A	30	2	NF	1	26	0	26	2	
P4	BOILER#1 PUMP	208	1	1/3 HP		15A	30	2	NF	1	26	0	26	2	
P5	BOILER#2 PUMP	208	1	1/3 HP		15A	30	2	NF	1	26	0	26	2	
B1	BOILER	120	1	1.7A			30	2	NF	1	26				
B2	BOILER	120	1	1.7A			30	2	NF	1	26				
CUH-1	CABINET UNIT HEATER MENS ROOM	120	1	84 W			30	2	NF	1	26				
CUH-2	CABINET UNIT HEATER WOMENS ROOM	120	1	84 W			30	2	NF	1	26				
UH-1	UNIT HEATER MEZZANINE	120	1	16W			30	2	NF	1	26				
ERU-1	ENERGY RECOVERY UNIT	208	3	2.3	5.2A	15A	30	3	15A	1	26				
AHU-1	AIR HANDLING UNIT	208	3	2 HP	10.8A	15A	30	3	15A	1	26				
HP-1	HEAT PUMP OFFICE 115	208	1		9A	15A	30	2	NF	1	26				
HP-2	HEAT PUMP OFFICE 114	208	1		9A	15A	30	2	NF	1	26				
HP-3	HEAT PUMP TICKETS 111	208	1		9A	15A	30	2	NF	1	26				
CU-1	CONDENSING UNIT	208	1		17.8 A	25A									
DWH-1	WATER HEATER - EXISTING TOILETS	208	3	4.5 KW	16 A	20A	30	3	20A	1	26				
DWH-2	WATER HEATER - WAITING AREA TOILETS	208	3	4.5 KW	16 A	20A	30	3	20A	1	26				

G5 ELECTRICAL SCHEDULE OF MECHANICAL EQUIPMENT

SERVICE ENTRANCE CONDUCTORS: (2) PARALLEL SETS, (4)350KCMIL, 3" C EACH									
PANEL SCHEDULE - MDP									
VOLTAGE: 480/277V		MLO: 600A	AIC: 22,000	LOCATION: MECH/ELECT 136					
3-PHASE, 4-WIRE		CIRCUIT BREAKER		CIRCUIT LOAD (KVA)		CONNECTED		WIRE SIZE	CONDUIT
CKT NO	BRKR NO	NO OF POLES	PH	A	B	C	BRANCH CIRCUIT DESCRIPTION		
1	175	3	A	0.00			PANEL WP, P2 (VIA TRANSFORMER T1)	(3)#2/0, (1)#6G	2"
3			B	0.00					
7			A	0.00					
9	100	3	A	0.00	0.00		PANEL ELP	(4)#1, (1)#6G	2"
11			B	0.00					
13			C	0.00					
15	125	3	A	0.00			PANELS TLP, TLPB, P1 (VIA TRANSFORMER T2)	(3)#1/0, (1)#6G	1-1/2"
17			B	0.00					
19			C	0.00					
21	125	3	A	0.00			PANEL EP (VIA TRANSFORMER T3 & ATS)	(3)#1/0, (1)#6G	1-1/2"
23			B	0.00					
25			C	0.00					
27			A	0.00			SPACE		
29			B	0.00					
			C	0.00					
				0.00	0.00	0.00	SUBTOTAL		
2			A	0.00			EXISTING 480V PANEL AT SLIP #5	(4)#3/0, (1)#6G	2-1/2"
4			B	0.00					
6			C	0.00					
8			A	0.00					
10	100	3	A	0.00			EXISTING SHED 100A DISCONNECT	(3)#1, (1)#6G	1-1/2"
12			B	0.00					
14			C	0.00					
16	100	3	A	0.00			SPACE		
18			B	0.00					
20			C	0.00					
22			A	0.00			SPACE		
24			B	0.00					
			C	0.00					
				0.00	0.00	0.00	SUBTOTAL		

PANEL SCHEDULE - ELP									
VOLTAGE: 480/277V		MLO: 100A	AIC: 10,000	LOCATION: MECH/ELECT 136					
3-PHASE, 4-WIRE		CIRCUIT BREAKER		CIRCUIT LOAD (KVA)		CONNECTED		WIRE SIZE	CONDUIT
CKT NO	BRKR NO	NO OF POLES	PH	A	B	C	BRANCH CIRCUIT DESCRIPTION		
1	15	1	A	0.00			EXTEND AND CONNECT EXISTING	(2)#12, (1)#12G	1/2"
3	15	1	B	0.00			EXTEND AND CONNECT EXISTING	(2)#12, (1)#12G	1/2"
5	15	1	C	0.00			EXTEND AND CONNECT EXISTING	(2)#12, (1)#12G	1/2"
7	15	1	A	0.00			EXTEND AND CONNECT EXISTING	(2)#12, (1)#12G	1/2"
9	20	1	B	0.00			EXTEND AND CONNECT EXISTING	(2)#12, (1)#12G	1/2"
11	20	1	C	0.00			EXTEND AND CONNECT EXISTING	(2)#12, (1)#12G	1/2"
13	20	1	A	0.00			SPARE		
15	20	1	B	0.00			SPARE		
17	20	1	C	0.00			SPARE		
19	20	1	A	0.00			SPARE		
21	20	1	B	0.00			SPARE		
23	20	1	C	0.00			SPARE		
25	20	1	A	0.00			SPARE		
27	20	1	B	0.00			SPARE		
29	20	1	C	0.00			SPARE		
				0.00	0.00	0.00	SUBTOTAL		
2	15	1	A	0.00			EXTEND AND CONNECT EXISTING	(2)#12, (1)#12G	1/2"
4	15	1	B	0.00			EXTEND AND CONNECT EXISTING	(2)#12, (1)#12G	1/2"
6	15	1	C	0.00			EXTEND AND CONNECT EXISTING	(2)#12, (1)#12G	1/2"
8	20	1	A	0.00			EXTEND AND CONNECT EXISTING	(2)#12, (1)#12G	1/2"
10	20	1	B	0.00			SPARE		
12	20	1	C	0.00			SPARE		
14	20	1	A	0.00			SPARE		
16	20	1	B	0.00			SPARE		
18	20	1	C	0.00			SPARE		
20	20	1	A	0.00			SPARE		
22	20	1	B	0.00			SPARE		
24	20	1	C	0.00			SPARE		
26	20	1	A	0.00			SPARE		
28	20	1	B	0.00			SPARE		
30	20	1	C	0.00			SPARE		
				0.00	0.00	0.00	SUBTOTAL		

PANEL SCHEDULE - EP (STAINLESS STEEL NEMA 3R ENCLOSURE)									
VOLTAGE: 208/120V		MLO: 200A	AIC: 10,000	LOCATION: SLIP #5					
3-PHASE, 4-WIRE		CIRCUIT BREAKER		CIRCUIT LOAD (KVA)		CONNECTED		WIRE SIZE	CONDUIT
CKT NO	BRKR NO	NO OF POLES	PH	A	B	C	BRANCH CIRCUIT DESCRIPTION		
1	15	3	A	0.00			EXTEND AND CONNECT EXISTING (EXISTING PUMP 1)	(2)#12, (1)#12G	1/2"
3			B	0.00					
5			C	0.00					
7	15	3	A	0.00			EXTEND AND CONNECT EXISTING (EXISTING PUMP 2)	(2)#12, (1)#12G	1/2"
9			B	0.00					
11			C	0.00					
13	15	3	A	0.00			EXTEND AND CONNECT EXISTING (EXISTING RAMP HOIST 1)	(2)#12, (1)#12G	1/2"
15			B	0.00					
17			C	0.00					
19	20	1	A	0.00			SPARE		
21	20	1	B	0.00			SPARE		
23	20	1	C	0.00			SPARE		
25	20	1	A	0.00			SPARE		
27	20	1	B	0.00			SPARE		
29	20	1	C	0.00			SPARE		
31	20	1	A	0.00			SPARE		
33	20	1	B	0.00			SPARE		
35	20	1	C	0.00			SPARE		
37	20	1	A	0.00			SPARE		
39	20	1	B	0.00			SPARE		
41	20	1	C	0.00			SPARE		
				0.00	0.00	0.00	SUBTOTAL		
2	20	3	A	0.00			EXTEND AND CONNECT EXISTING (EXISTING VALVE 1 & 2)	(2)#12, (1)#12G	1"</