

SPACE	CIRCUIT USE	BKR RATING	CONNECTED LOAD VA	CIRCUIT USE	POLE SPACE
1	L - EXTERIOR CHASE EP2	20	830	M - HAND DRYER	2
3	L - MEN'S RESTROOM EPI	20	860	M - HAND DRYER	4
5	L - WOMEN'S RESTROOM EPI	20	860	PLUMBING CHASE, R - STORAGE	6
7	L - CONCESSION JAN	20	480	R - CONCESSION	8
9	F - CONTACTOR CONTROL THETA LAB	20	540	R - JAN. CLOSET	10
11	F - CONTROLLER	20	200	R - OFFICE	12
13	M - HAND DRYER	20	900	M - ICE MACHINE	14
15	M - HAND DRYER	20	1020	M - WATER HEATER	16
17	SC	20	3000	X M X	18
19	SC	20	3000	X M X	20
21	SC	25	360	R - TTB	22
23	SC	25	1540	M - EVAP COOLER EC - 1	24
25	SC	25	1200	SC	26
27	SC	25	720	M - DRINKING FOUNTAIN CONCESSION, R - ROOF, CO	28
29	SC	20		SC	30
31	SC	20		SC	32
33	SC	20		SC	34
35	SC	20		SC	36
37	SC	20		SC	38
39	SC	20		SC	40
41	L - STORAGE OFFICE	20	1440	SC	42
			10490	CALCULATED DEMAND = 83 AMPS	

SPACE	CIRCUIT USE	BKR RATING	CONNECTED LOAD VA	CIRCUIT USE	POLE SPACE
1	R - BOOSTER PUMP STATION	20	180		2
3	F - PUMP CONTROL	20	360		4
5	SC				6
7					8
9					10
11					12
13					14
15					16
17					18
19					20
21					22
23					24
25					26
27					28
29					30
31					32
33					34
35					36
37					38
39					40
41					42
			540	CALCULATED DEMAND = 2 AMPS	

SPACE	CIRCUIT USE	BKR RATING	CONNECTED LOAD VA	CIRCUIT USE	POLE SPACE
1	R - BOOSTER PUMP STATION	20	180		2
3	F - PUMP CONTROL	20	360		4
5	SC				6
7					8
9					10
11					12
13					14
15					16
17					18
19					20
21					22
23					24
25					26
27					28
29					30
31					32
33					34
35					36
37					38
39					40
41					42
			540	CALCULATED DEMAND = 2 AMPS	

LIGHTING FIXTURE SCHEDULE

FIXT ID	TYPE	MANUFACTURER AND CATALOG NO	NO	WATT	LAMP TYPE	VOLTS	REMARKS AND MOUNTING
51	1500W METAL HALIDE FIXTURE AND POLE ASSEMBLY (TYP OF S2,S1B,S14)	MUSCO SC2 TLC	18	1500	MH1500/	480	80' POLE BY MUSCO 90 MPH, 13 GUST
59	1500W METAL HALIDE FIXTURE AND POLE ASSEMBLY (TYP OF S4, S5, S6, S2B, S24, S25, S26)	MUSCO SC2 TLC	12	1500	MH1500/	480	80' POLE BY MUSCO 90 MPH, 13 GUST
57	1500W METAL HALIDE FIXTURE AND POLE ASSEMBLY (TYP OF S9)	MUSCO SC2 TLC	36	1500	MH1500/	480	80' POLE BY MUSCO 90 MPH, 13 GUST COMMON POLE, 18 EA PER FIELD
59	1500W METAL HALIDE FIXTURE AND POLE ASSEMBLY (TYP OF S10, S11, S12, S15, S16, S17, S18, S19, S20-S22)	MUSCO SC2 LEVEL 8	24	1500	MH1500/	480	80' POLE BY MUSCO 90 MPH, 13 GUST COMMON POLE, 12 EA PER FIELD
F1	FLUORESCENT LENSED FIXTURE 1' X 4' 1-LAMP	KENALL 97748-120V-2B	4	32	F32T8/	120	SURFACE MOUNTED
F2	FLUORESCENT LENSED FIXTURE 2' X 2' LAMP	KENALL 97118-120V	1	32	F32T8/	120	SURFACE MOUNTED
F3	HID RESTROOM CEILING FIXTURE 2' X 2' LAMP	KENALL 2530-70	1	70	L70/	120	SURFACE MOUNTED TO CEILING NET LISTED
F4	FLUORESCENT CEILING FIXTURE LENSED	KENALL 2430-33	1	36	F30/2D/	120	SURFACE MOUNTED TO CEILING NET LISTED
F5	EXTERIOR HID WALLPACK	KENALL 2130-50	1	50	L50/	120	SURFACE MOUNT AT 8'-0" AFF
F6	INDIRECT LED EXIT SIGN AND EMERGENCY LIGHT 2-LAMP, 4 FT.	KENALL 6504-120V-EL-W			UNIT	120	SURFACE MOUNTED TO WALL ABOVE DOOR
F7	FLUORESCENT STRIP	DAYBRITE T9292-1/2EB	2	32	F32T8/	120	CHAIN MOUNT AT 8'-0" AFF
F8	BATTERY PACK EMERGENCY FIXTURE	DUAL-LITE EZ-2-1-VRS-4X			UNIT	120	SURFACE MOUNTED TO WALL AT 8'-0" AFF
F9	(1) CUTOFF AREA LUMINAIRE TYPE 1 ARM MOUNTED	GARDCO H26G1000M4480CNFLP	1	1000	M1000U	480	SURFACE MOUNT TO SOCCER POLE AT 32'-0" AFF
F10	(2) CUTOFF AREA LUMINAIRE TYPE 5 ARM MOUNTED	GARDCO H1920400M4480SCLF LUMEC GN - 6	2	400	M400U	480	30' POLE GARDCO 08TRS-30-11-D2-SC 36" BASE AFS
F11	NOT USED						
F12	2' X 4' 4-LAMP FLUORESCENT W/ EMER. BALLAST	KENALL 97748-120V-2B-EL	4	32	F32T8/	120	WITH BATTERY BALLAST AND ELECTRONIC BALLAST
F13	(1) CUTOFF AREA LUMINAIRE TYPE 3 ARM MOUNTED	GARDCO H1913250M4480SCLF LUMEC GN - 6	1	250	M250U	480	08TRS-30-11-D1-SC 12" BASE AFS
F14	(1) CUTOFF AREA LUMINAIRE TYPE 5 ARM MOUNTED	GARDCO H1910250M4480SCLF LUMEC GN - 6	1	250	M250U	480	08TRS-30-11-D1-SC 12" BASE AFS
F15	NOT USED						

CONTACTOR SCHEDULE

CONTACTOR #	RATING	NO POLES	LOCATION	CIRCUITS CONTROLLED
C1-4	60	12	MSA	MSA 1-4
C5-8	60	12	MSA	MSA 5-8
C9-12	60	12	MSA	MSA 9-12
C13-16	60	12	MSA	MSA 13-16
C17-20	60	12	MSA	MSA 17-20
C21-24	60	12	MSA	MSA 21-24
C25-28	60	12	MSA	MSA 25-28
C29-32	60	12	MSA	MSA 29-32
C33-36	60	12	MSA	MSA 33-36
C37-40	60	12	MSA	MSA 37-40
C41	60	2	MSA	MSA 41
C42	60	2	MSA	MSA 42
C43	30	4	MSB	MSB 2, 3

CONTROL SCHEDULE

CONTROL	DESCRIPTION	CONTACTORS CONTROLLED	AREA
ZONE 1	THETA LC2-16-1	C1-4	FIELD 1
ZONE 2	THETA LC2-16-2	C5-8	FIELD 2
ZONE 3	THETA LC2-16-3	C9-12	FIELD 3
ZONE 4	THETA LC2-16-4	C13-16	FIELD 4
ZONE 5	THETA LC2-16-5	C17-20	FIELD 5
ZONE 6	THETA LC2-16-6	C21-24	FIELD 6
ZONE 7	THETA LC2-16-7	C25-28	FIELD 7
ZONE 8	THETA LC2-16-8	C29-32	FIELD 8
ZONE 9	THETA LC2-16-9	C33-36	FIELD 9
ZONE 10	THETA LC2-16-10	C37-40	FIELD 10
51	ASTRONOMIC TIMELOCK	C41	PARKING/AREA LIGHTING (DUSK/MIDNIGHT)
52	PHOTOCELL	C42	SECURITY LIGHTING (DUSK/DAWN)
53	ASTRONOMIC TIMELOCK	C43	PARKING/AREA LIGHTING (DUSK/MIDNIGHT)



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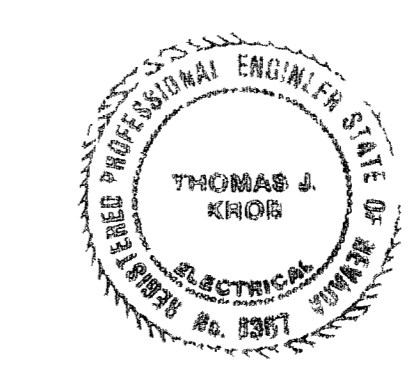
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SCALE
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PROJECT
 NORTHWEST SOCCER FIELD

SHEET NO
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675-137 SHEET 94 OF 96



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