

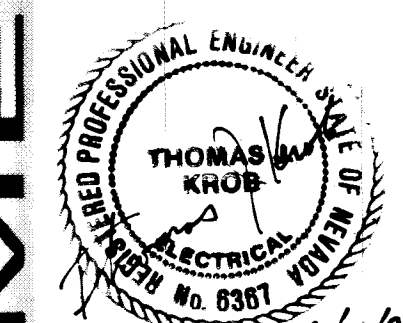


REVISIONS

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ELECTRICAL ENGINEERINGELKHORN AND DURANGO
BALLFIELD COMPLEX

ELECTRICAL SITE PLAN

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FILE 888/SITE

DATE AUGUST 1998

SCALE 1" = 60'-0"

PROJECT ELKHORN AND DURANGO
BALLFIELD COMPLEX

SHEET NO.

E-2
SHEET 5 OF 54

650.58

675-V35

NOTES:

- PROVIDE (1) WEATHERPROOF CONVENIENCE OUTLET AND (1) WEATHERPROOF J-BOX FOR SCOREBOARD COMMUNICATION CABLE. MOUNT RECEPTACLES IN CONCRETE BACKSTOP, FLUSH WITH LOCKING COVERS. MOUNT AT 18" ABOVE FINISHED GRADE.
- PROVIDE 4" C WITH PULLSTRING FOR FUTURE LOW VOLTAGE CONTROL WIRE.
- CONTRACTOR SHALL COORDINATE WITH GENERAL CONTRACTOR TO LOCATE CONDUIT ALONG CURBING TO ALLOW FOR FUTURE PLANTING.
- ALL WIRE AND CONDUIT IS 2#4, 1#8, 1-1/4" C UNLESS NOTED OTHERWISE.
- ALL PULLBOXES ARE NO. 1 UNLESS NOTED OTHERWISE.
- SEE ONLINE DIAGRAM FOR CONDUIT AND WIRE SIZES.
- CONNECT CIRCUIT THROUGH CONTACTOR TO ASTRONOMICAL TIMECLOCK. SEE CONTRACTOR AND CONTROL SCHEDULE.
- PROVIDE 8" MIN. CONCRETE COLLAR WITH CONTINUOUS #4 REBAR AROUND ALL PULLBOXES NOT LOCATED IN SIDEWALKS OR PAVEMENT. SEE STANDARD DRAWING NO. 336, CLARK COUNTY AREA UNIFORM STANDARD DRAWINGS.
- SEE NPCO AND SPRINT DRAWINGS FOR ADDITIONAL WORK.
- PROVIDE (1) WEATHERPROOF CONVENIENCE OUTLET AT 72" AFS ON BALLFIELD A1 POLE.
- BOND ALL METAL PULLBOX COVERS OR USE NON-CONDUCTIVE FIBERLYTE BOLT-DOWN COVERS.
- 5#8, 1-1/4" C, (L1-B, 2), 1-1/4" C.O.
- 5#8, 1-1/4" C, (L1-B, 23), 1-1/4" C.O.
- 5#8, 1-1/4" C, (L1-T, 23), 1-1/4" C.O.
- 5#8, 1-1/4" C, (L1-T, 27), 1-1/4" C.O.
- PROVIDE WEATHERPROOF GFI RECEPTACLE. COORDINATE LOCATION WITH IRRIGATION CONTRACTOR AND PUMP INSTALLER.
- PROVIDE WEATHERPROOF J-BOX FOR PUMP CONTROL AND FERTILIZER INJECTOR CIRCUIT CONNECTIONS.
- SEE IRRIGATION AND LANDSCAPE DRAWINGS FOR EXACT LOCATION OF PUMP STATION.

PANEL HI - 3 PH, 4 WIRE, 480Y/277V VOLTS 400A MIN INTERRUPTING RATINGS 42000 RMS SYM AMPS				MLO SURFACE MOUNTED LOCATION ELEC. RM. NEMA 1			
E=EXISTING, F=FIXED EQUIPMENT, K=KITCHEN EQUIPMENT, L=LIGHTS, M=MECHANICAL EQUIPMENT, P=PANEL, R=RECEPTACLES				MLO=MAIN LOSS ONLY, MCB=MAIN CIRCUIT BREAKER, N=NEW, R=RELAY, SO=SPACE ONLY, SC=SPACE CIRCUIT, S=GFI BREAKER			
SPACE	CIRCUIT USE	CKT BKR RATINGS	CONNECTED LOAD VA	CKT BKR RATINGS	CIRCUIT USE	POLE SPACE	CKT
#			A B C			#	
1	FIELD 1				FIELD 3		
1	L - POLES A1, B1	60/2	9750		60/2	L - POLES A1, B1	2 2
3	L	X	9750		X	L	4
5	FIELD 1				FIELD 3		
5	L - POLE A2, B2	60/2	9750	9750	60/2	L - POLE A2, B2	6 6
7	L	X	9750		X	L	8
9	FIELD 2				FIELD 4		
9	L - POLE A1, B1	60/2	9750	9750	60/2	L - POLE A1, B1	10 10
11	L	X	9750		X	L	12
13	FIELD 2				FIELD 4		
13	L - POLES A2, B2	60/2	9750	9750	60/2	L - POLES A2, B2	14 14
15	L	X	9750		X	L	16
17	L - SECURITY LIGHTS	30/2	2760				18
19	L	X	2760				20
21							22
23							24
25							26
27							28
29							30
31							32
33							34
35							36
37							38
39							40
41							42
			61260 38500 41760	CALCULATED DEMAND = 243 AMPS			
			161320				

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ELECTRICAL SITE PLAN

SCALE: 1"=60'-0"

