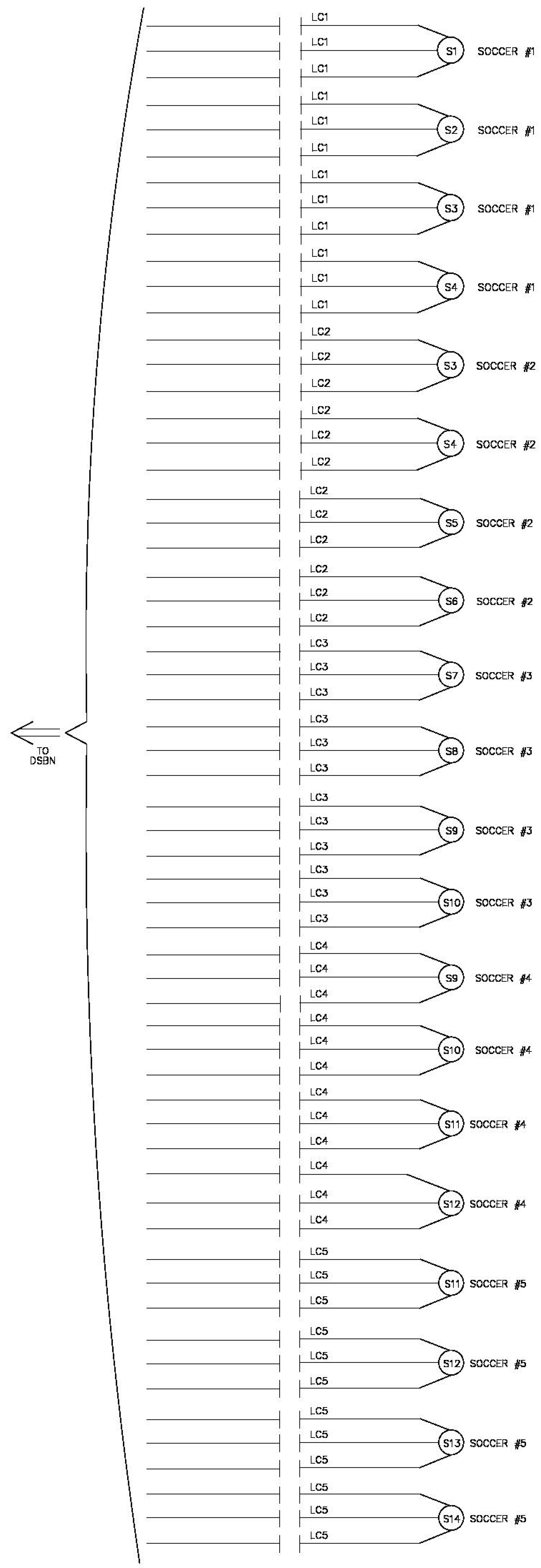
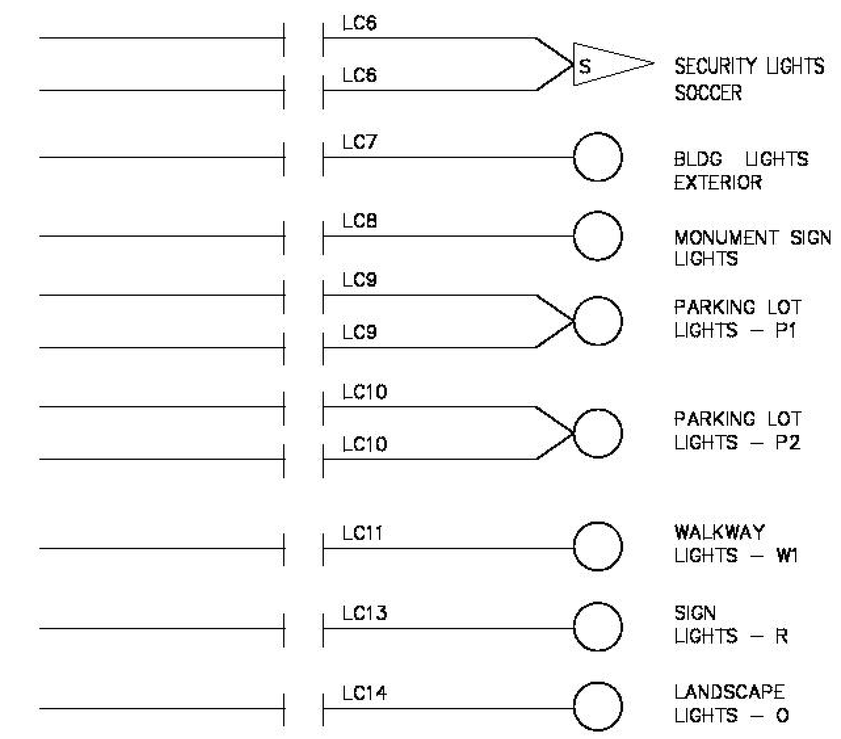
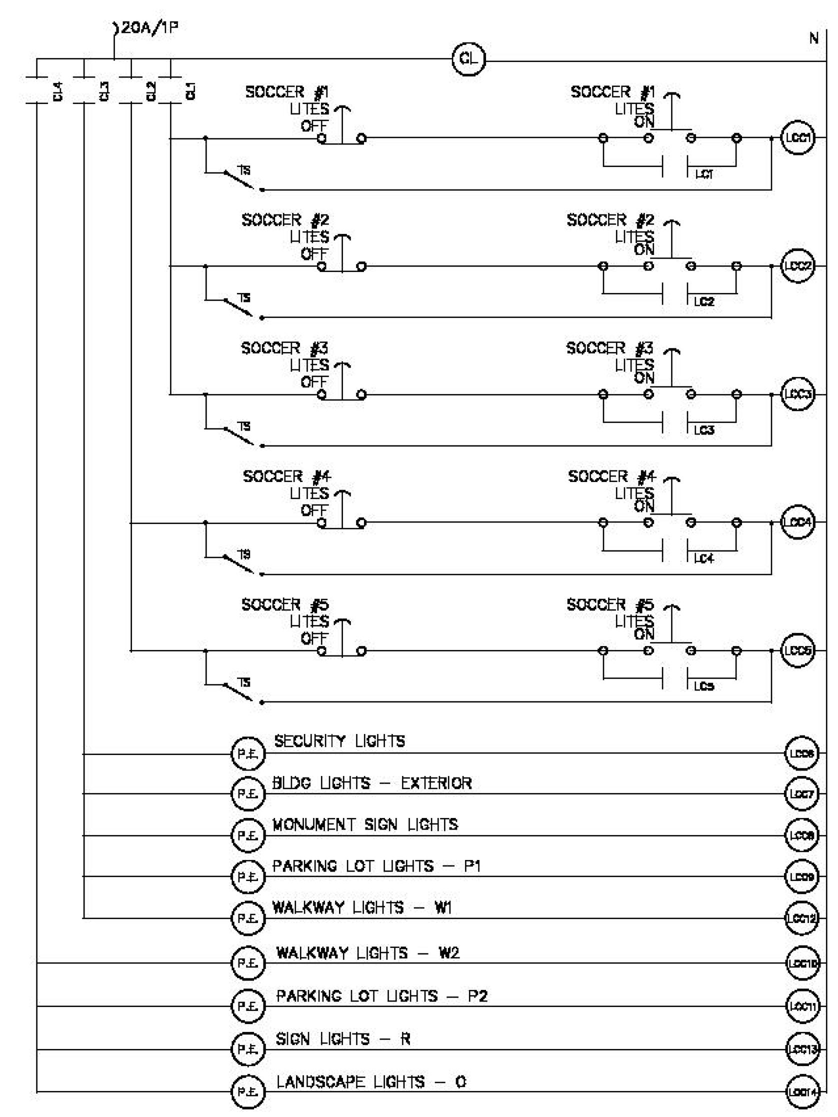
LUMINAIRE SCHEDULE

DETAIL NAME	STYLE	MFGR	PART NO.	LAMPS	DESCRIPTION	MH FIELD	POLE FOOT DETAIL	EPA	MH GROUND	POLE LENGTH	BURIAL DEPTH
1/E2	A 1,3	MUSCO	LSG60F4-1500-LSG	4X1500WMHX480V	4 LAMP LUMINAIRE SPORTS LIGHTING ASSEMBLY	60'	1/E4A	10.8	60'	60'	1/E4A
2/E2	A 2	MUSCO	LSG60F6-1500-LSG	6X1500WMHX480V	6 (3+3) LAMP LUMINAIRE SPORTS LIGHTING ASSEMBLY	60'	1/E4A	16.2	60'	60'	1/E4A
3/E2	A 4,5	MUSCO	LSG70F5-1500-LSG	5X1500WMHX480V	5 LAMP LUMINAIRE SPORTS LIGHTING ASSEMBLY	70'	1/E4A	13.5	70'	70'	1/E4A
4/E2	B 1,2,3,4	MUSCO	LSG70F5-1500-LSG	5X1500WMHX480V	5 LAMP LUMINAIRE SPORTS LIGHTING ASSEMBLY	70'	1/E4A	13.5	70'	70'	1/E4A
5/E2	B 5,6	MUSCO	LSG80F9-1500-LSG	9X1500WMHX480V	9 LAMP LUMINAIRE SPORTS LIGHTING ASSEMBLY	80'	1/E4A	24.3	80'	80'	1/E4A
6/E2	C 1,2	MUSCO	LSG70F7-1500-LSG	7X1500WMHX480V	7 LAMP LUMINAIRE SPORTS LIGHTING ASSEMBLY	70'	1/E4A	18.9	70'	70'	1/E4A
7/E2	S 1,2,5,6	MUSCO	LSG70F8-1500-LSG	8X1500WMHX480V	8 LAMP LUMINAIRE SPORTS LIGHTING ASSEMBLY	70'	1/E4A	21.6	70'	70'	1/E4A
8/E2	S 3,4	MUSCO	LSG70F14-1500-LSG	14X1500WMHX480V	14 (7+7) LAMP LUMINAIRE SPORTS LIGHTING ASSEMBLY	70'	1/E4A	37.8	70'	70'	1/E4A
9/E2	S 7,8	MUSCO	LSG60F5-1500-LSG	5X1500WMHX480V	5 LAMP LUMINAIRE SPORTS LIGHTING ASSEMBLY	60'	1/E4A	13.5	60'	60'	1/E4A
10/E2	S 9,10	MUSCO	LSG60F10-1500-LSG	10X1500WMHX480V	10 (5+5) LAMP LUMINAIRE SPORTS LIGHTING ASSEMBLY	60'	1/E4A	27	60'	60'	1/E4A
11/E2	S 11,12	MUSCO	LSG70F9-1500-LSG	9X1500WMHX480V	9 (5+4) LAMP LUMINAIRE SPORTS LIGHTING ASSEMBLY	70'	1/E4A	24.3	70'	70'	1/E4A
12/E2	S 13,14	MUSCO	LSG70F4-1500-LSG	4X1500WMHX480V	4 LAMP LUMINAIRE SPORTS LIGHTING ASSEMBLY	70'	1/E4A	10.8	70'	70'	1/E4A
13/E2	P 1,2	KING LUMINIARE	K823-HGSH-III-250-MED-HPS-480-*	1X250WMHX480V	SINGLE HEAD HPS PARKING LOT ASSEMBLY	25'	3/E5A	1.6	25'	25'	3/E5A
14/E2	W 1,2	KING LUMINIARE	K828-HGSH-III-175-MED-HPS-MT(277)-*	1X175WMHX277V	SINGLE HEAD HPS WALKWAY POLE ASSEMBLY	18'	2/E5A	1.0	18'	18'	2/E5A
15/E2	L	KIM	AFL21/250MH277/**-*	1X250WMHX277V	1 LAMP SECURITY LUMINAIRE ASSEMBLY MOUNTED TO SPORTS POLE	50'	N/A	2.3	50'	N/A	N/A
16/E2	M	KIM	CFL1/70PMH277/**-*	1X70WMHX277V	1 LAMP LUMINAIRE CABANA FLOODLIGHT MOUNTED TO CABANA POLE	9'	N/A	0.5	9'	N/A	N/A
17/E2	F 1,2,3,4	MUSCO	LSG70F6-1500-LSG	6X1500WMHX480V	6 LAMP LUMINAIRE SPORTS LIGHTING ASSEMBLY	70'	1/E4A	24	70'	70'	1/E4A
18/E2		NOT USED									
19/E2		NOT USED									
20/E2	N	COLUMBIA LIGHTING	CRA4-132-EB8277-3HSGCBCAWL-EL	1X32WMHX277V	1 LAMP LUMINAIRE CABANA STRIP LIGHT	10'	N/A	N/A	10'	N/A	N/A
21/E2	O	KIM	EL217/15LED277	15W LED	LED LANDSCAPE FLOODLIGHT	N/A	N/A	N/A	N/A	N/A	N/A
22/E2	Q	KIM	LTV768WF/15LED277	15W LED	LED IN-GRADE UPLIGHT	N/A	N/A	N/A	N/A	N/A	N/A
23/E2	R	KIM	4348/232T8/**	2X32WT8X277V	FLUORESCENT MONUMENT LIGHT	N/A	N/A	N/A	N/A	N/A	N/A
24/E2		NOT USED									
26/E2	Z	KIM	LTV40-SP-70MH277-TR10	1X70WMHX277V	INGROUND DOME FIXTURE	N/A	N/A	N/A	N/A	N/A	N/A
27/E2	X	KIM	6360-NF-150PMH277-SR10-HL10	1X150WMHX277V	INGROUND WELL FIXTURE	N/A	N/A	N/A	N/A	N/A	N/A



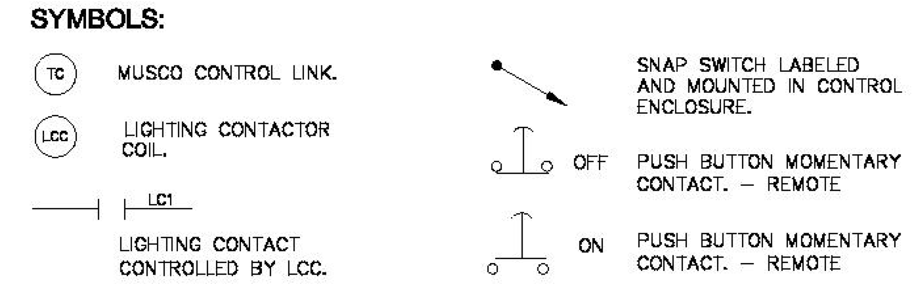




NOTES:

1. ALL CONTROL WIRING TO BE #12THWN COPPER IN 1/2"C WHERE EXPOSED.
2. RATING OF CONTACTORS TO MATCH CIRCUIT BREAKERS.
3. MUSCO WILL FURNISH AND INSTALL MUSCO CONTROL LINK AND LIGHTING CONTACTORS. E.C. IS TO PROVIDE PUSHBUTTONS AND ALL OTHER CONTROLS SHOWN ON THIS DETAIL. PUSHBUTTONS TO BE MOUNTED ON SURFACE OF ENCLOSURE SEPARATE FROM LIVE EXPOSED ELECTRICAL PARTS. MUSCO CONTROL LINK TO BE LOCATED IN ELECTRICAL ROOM ADJACENT TO SWITCHGEAR.
4. E.C. IS TO FURNISH, INSTALL AND LABEL, ON & OFF PUSH BUTTONS AND TEST SWITCHES (TS). TEST SWITCH TO BE WEATHER PROOF SNAP SWITCH. THIS CONTROL EQUIPMENT IS BE MOUNTED INSIDE OF PROPOSED MUSCO LIGHTING CONTROL ENCLOSURE ADJACENT TO SWITCHGEAR.
5. E.C. IS TO PROVIDE ADDITIONAL (6) SPARE 30A LIGHTING CONTACTORS.

SYMBOLS:



LIGHTING CONTROL DIAGRAM - SERVICE #1
NO SCALE
25/E2

CITY OF SAN CLEMENTE
Department of Beaches, Parks & Recreation
AVENIDA VISTA HERMOSA / AVENIDA LA PATA PARK (PHASE-1B)
LUMINAIRE SCHEDULE

Scale: AS SHOWN | Drawing Number: E-2 | Sheet Number: Sheet 108 of 178

APPROVED BY:
Al King, Director of Beaches, Parks & Recreation — DATE
Bill Cameron, CITY ENGINEER — DATE

BENCH MARK:
#3Y-38-91 ELEV. = 249.897 DATUM= NGVD 29/1995 OCS ADJUSTED
DESCRIBED BY ORANGE COUNTY SURVEY 1991 AT THE SOUTHEASTERLY CORNER OF THE INTERSECTION OF AVENIDA PICO AND AVENIDA LA PATA, 90' EASTERLY OF CENTERLINE OF AVENIDA PICO, 60' SOUTHERLY OF THE CENTERLINE OF AVENIDA LA PATA, SET IN THE NORTHWESTERLY CORNER OF A 4'X17' CATCH BASIN, 1' BEHIND CURB FACE.

NO.	DESCRIPTION	REVISED BY	APPROVED BY	DATE
#1	ADDED RR BUILDING TO SET	RM	JA	10/28/09

REVISION

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ATTENTION IS DIRECTED TO THE POSSIBLE EXISTENCE OF UNDERGROUND FACILITIES NOT KNOWN OR IN A LOCATION DIFFERENT FROM THAT WHICH IS SHOWN ON THE PLANS OR IN THE SPECIAL PROVISIONS. THE CONTRACTOR SHALL TAKE STEPS TO ASCERTAIN THE EXACT LOCATION OF ALL UNDERGROUND FACILITIES PRIOR TO DOING WORK THAT MAY DAMAGE SUCH FACILITIES OR INTERFERE WITH THEIR SERVICE.
BEFORE EXCAVATING, THE CONTRACTOR SHALL VERIFY THE LOCATION OF UNDERGROUND UTILITIES BY CONTRACTING UNDERGROUND SERVICE ALERT AT 1-(800)-422-4133.

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PLANS PREPARED BY:
Dream Engineering Inc.
Consulting Electrical Engineers
DESIGNED BY: DATE:
DRAWN BY: JH DATE: 02/11/06
CHECKED BY: DATE:
UNDER THE SUPERVISION OF:
JUAN A. ARAUJO EE 16537 10/16/2008 DATE

REGISTERED PROFESSIONAL ENGINEER JUAN A. ARAUJO NO. E 16537 EXP. DEC. 31 2009 ELECTRICAL STATE OF CALIFORNIA

BID SET