

MEASURE J COMMISSION
CITY OF PALM SPRINGS, CALIFORNIA
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MEETING MINUTES
THURSDAY, SEPTEMBER 17, 2015, 4:00 p.m.
CITY HALL COUNCIL CHAMBER

CALL TO ORDER: Chair Marshall called the September 17, 2015 Regular Meeting of the Measure J Commission of the City of Palm Springs to order at 4:02 p.m.

ROLL CALL:

PRESENT: Commissioners Cohen, Dada, Hammond, Moon, Rosenberg, Vogel, Williams, Vice-Chair Bloomer and Chair Marshall.

ABSENT: Commissioners Williams.

ALSO PRESENT: Commission Secretary Muniz, Finance Director Kiehl, Assistant City Manager/City Engineer Fuller, and City Manager Ready.

PLEDGE OF ALLEGIANCE: Commissioner Rosenberg led the Pledge.

ACCEPTANCE OF THE AGENDA: The Agenda was accepted as amended, moving Item 5.A., Report from the Application Process AD HOC Committee, to come after item 1, Appointment of a Chair and Vice-Chair of the Measure J Commission for a one-year term. **Motion Commissioner Hammond, seconded by Commissioner Dada and unanimously carried noting the absence of Commissioner Williams.**

APPROVAL OF MINUTES: Minutes for the June 18, 2015 Regular Meeting were accepted as amended, noting Commissioner Rosenberg's vote against not holding a July meeting and the name of the NMTP. **Motion Commissioner Dada, seconded by Commissioner Cohen and unanimously carried noting the absence of Commissioner Williams.**

PUBLIC COMMENT:

Mary Sue Ellen, E. Sunny Dunes Rd., Palm Springs, CA – commented on Item 42 of the 2015 Community Projects Hot Spot Report, asking for consideration on this project. The road (Sunny Dunes Rd) is in great need of sidewalks for pedestrian safety, traffic calming, and bicycle lanes. Fledgling business district is difficult to access due the inconsistency of sidewalks.

Bob Perlman, Sunny Dunes Rd., Palm Springs, CA – commented on the constant construction, maintenance trucks, digging by utility and private companies to construct new homes, and resurfacing of the road; and having Sunny Dunes Rd. repaved, after all the construction, it is abominable to walk and ride bike.

1. **APPOINTMENT OF A CHAIR AND VICE-CHAIR OF THE MEASURE J COMMISSION FOR A ONE-YEAR TERM:**
RECOMMENDATION: Reappoint Chair Marshall and Vice-Chair Bloomer. **Motion Commissioner Dada, seconded by Commissioner Cohen and unanimously carried noting the absence of Commissioner Williams.**

Item 5.A. was moved up in the agenda and discussed at this point in the meeting.

2. **MEASURE J PROJECTS UPDATE REPORT:**
Assistant City Manager/City Engineer Marcus Fuller distributed a detailed report. He did not provide a verbal report. No action taken.
3. **CITY MANAGER'S REPORT:**
City Manager Ready did not provided a verbal report. No action taken.
4. **FINANCE DIRECTOR'S REPORT:**
Finance Director Kiehl did not provided a verbal report. No action taken.
5. **NEW BUSINESS:**

- 5.A. **REPORT FROM THE APPLICATION PROCESS AD HOC COMMITTEE: (COMMISSIONERS MARSHALL, BLOOMER AND HAMMOND):**
Commissioner Hammond provided a verbal report on the submitted Hot Spot Submissions. After comments and discussion and before approval of the 2015 Community Projects Pedestrian, Bicycle and Traffic Hot Spots 3 year Budget Project List, Chair Marshall commented on a possible conflict of interest.

City Attorney Doug Holland commented on the possible conflict of interest, and out of caution advises that anyone that owns a property within 500 ft. of any of the listed locations, do not participate on those particular items; consider withdrawing those particular items and vote on separately.

Action: Approve 2015 Community Projects Pedestrian, Bicycle and Traffic Hot Spots 3 year Budget List withdrawing Item 39, 40, 46, and 48 from list and vote on separately. **Motion Vice-Chair Bloomer, seconded by Commissioner Rosenberg and unanimously carried noting the absence of Commissioner Williams.**

Action: Commissioner Hammond recused herself to vote on Items 39 and 40. **Motion Commissioner Dada, seconded by Commissioner Cohen and unanimously carried noting the absence of Commissioner Williams.**

Action: Commissioner Dada recused himself to vote on Items 46 and 48. **Motion Vice-Chair Bloomer, seconded by Commissioner Hammond and unanimously carried noting the absence of Commissioner Williams.**

At this time, before Item 2, Measure J Projects Update Report, and remainder of the Items in the Agenda, Commissioner Dada made a motion to adjourn meeting and continue the remainder of the items at the next scheduled meeting. After discussion, the motion was substituted to adjourn meeting and continue with a Special Meeting next week. **Motion Commissioner Dada, seconded by Vice-Chair Bloomer and unanimously carried noting the absence of Commissioner Williams.**

5.B. REPORT FROM PROJECT FUNDING: PROCESS & POLICY AD HOC COMMITTEE FOR ADDITIONAL FUNDS FOR APPROVED PROJECTS; REAUTHORIZATION AND REALLOCATION OF UNEXPENDED FUNDS:
RECOMMENDATION: None

5.C. SUBJECT MATTER ADVOCATE REPORTS:
RECOMMENDATION: None

PUBLIC COMMENT: None.

STAFF MEMBER COMMENTS: None.

COMMISSION MEMBER ITEMS AND REQUESTS: None.

ADJOURNMENT: The Regular Meeting of the Measure J Commission of the City of Palm Springs adjourned at 4:58 p.m. to Special Meeting Thursday, September 24, 2015, at 4:00 p.m., Palm Springs Airport Conference Room, 3400 E. Tahquitz Canyon Way. **Motion Commissioner Dada, seconded by Vice-Chair Bloomer and unanimously carried noting the absence of Commissioner Williams.**

APPROVED BY A MOTION OF THE MEASURE J COMMISSION THIS 19TH DAY OF NOVEMBER, 2015.

Ariana Muniz
Commission Secretary

MEASURE J COMMISSION
CITY OF PALM SPRINGS, CALIFORNIA
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SPECIAL MEETING MINUTES
THURSDAY, SEPTEMBER 24, 2015, 4:00 p.m.
PALM SPRINGS AIRPORT CONFERENCE ROOM

CALL TO ORDER: Chair Marshall called the September 24, 2015 Special Meeting of the Measure J Commission of the City of Palm Springs to order at 4:01 p.m.

Chair Marshall commented on Commissioner Moon's resignation.

ROLL CALL:

PRESENT: Commissioners Cohen, Dada, Hammond, Rosenberg, Vogel, Williams, Vice-Chair Bloomer and Chair Marshall.

ABSENT: Noting the resignation on Commissioner Moon

ALSO PRESENT: Commission Secretary Muniz, Finance Director Kiehl, Assistant City Manager/City Engineer Fuller, and City Manager Ready.

PLEDGE OF ALLEGIANCE: Commissioner Williams led the Pledge.

ACCEPTANCE OF THE AGENDA: Approve the Agenda as amended, moving Item 4.A., Report from Project Funding: Process & Policy AD HOC Committee for Additional Funds for Approved Projects; Reauthorization and Reallocation of Unexpended Funds after Public Comments period. **By Consensus of the Commission, noting the resignation of Commissioner Moon.**

APPROVAL OF MINUTES: None.

PUBLIC COMMENT: None.

Item 4.A. was moved up in the agenda and discussed at this point in the meeting.

1. MEASURE J PROJECTS UPDATE REPORT:

Assistant City Manager/City Engineer Marcus Fuller provided a verbal report on the Police Department Remodel and commented that Frank Urrutia can give a presentation at the next scheduled meeting. After discussion, Chair Marshall recommends Commissioner Hammond and Vogel coordinate a tour of the Police Department.

Action: Commissioner Vogel to coordinate a tour of the Police Department.

Discussion continued on General Procedures to improve policy and practices with City Council. No action taken.

No additional report provided by Assistant City Manager/City Engineer Marcus Fuller.

2. CITY MANAGER'S REPORT:

City Manager Ready did not provided a verbal report. No action taken.

3. FINANCE DIRECTOR'S REPORT:

Finance Director Kiehl did not provided a verbal report. No action taken.

4. UNFINISHED BUSINESS:

4.A. REPORT FROM PROJECT FUNDING: PROCESS & POLICY AD HOC COMMITTEE FOR ADDITIONAL FUNDS FOR APPROVED PROJECTS; REAUTHORIZATION AND REALLOCATION OF UNEXPENDED FUNDS: (COMMISSIONERS VOGEL, WILLIAMS AND BLOOMER):

Commissioner Vogel provided a verbal report. Finance Director Kiehl provided a verbal financial report. City Engineer Fuller distributed a detailed report on the Measure J Capital Project Tracking Report and provided a verbal report on Item 25, CP 14-16 Tahquitz Creek Gateway Triangle Parcel; Item 38, CP 14-19 Ruth Hardy-Demuth Security Path Lighting; Item 69, CP 14-17 Fire Station #2 HVAC Chiller Replacement; Item 84 and 85, CP 14-20, 21 Palm Canyon Irrigation/Electrical; and Item 91, CP 13-31 Entry Way Signs.

After discussion, Chair Marshall requested Commissioners comment on how we should proceed with items 25, 38, 69, 84, 85, and 91: Commissioner Hammond recommends to proceed with all the projects; and go back to City Council and request City Council to pay for the lighting in Demuth Park (Item 38) and the two additional entry way signs they have requested to add (Item 91); Commissioner Dada recommends to proceed with all of the projects; Commissioner Cohen recommends to proceed with all of the projects and request that entry way signs not be dropped; Vice-Chair Bloomer recommends to proceed with all of the projects and is in favor of adding the Demuth Park lighting to the list of projects (Item 38); Chair Marshall recommends to move forward; Commissioner Rosenberg recommends to proceed with the original projects list; Commissioner Vogel recommends to move forward with all projects including lighting for Demuth Park and the additional entry way signs; Commissioner Williams recommends to move forward with all of the projects.

City Manager Ready provided a verbal report on Item 30, CP 14-22 Visitor Center's Landscape Upgrade; and Item 37, CP 15-16 Cornelia White House Improvements. Item 30, we are not asking for direction at this time and recommends revisiting; Item 37, has been completed, will remove from this list and take it to City Council and request to add to the Capital Projects list from the General Fund. Assistant City Manager/Engineer will provide update on Item 76, 77, and 78, CP 15-05 Police Department Remodel. Commissioner Vogel commented on Item 30 and 37. Commissioner Rosenberg commented on Item 37. Commissioner Williams commented on Item 30.

Action: Approve the five projects identified by Assistant City Manager / City Engineer Marcus Fuller. **Motion Commissioner Dada, seconded by Commissioner Williams and unanimously carried 8-0 on a roll call vote noting the resignation of Commissioner Moon.**

Ayes: Commissioner Hammond, Dada, Cohen, Vice-Chair Bloomer, Chair Marshall, Rosenberg, Vogel and Williams.
Noes: None.
Absent: Noting the resignation of Commissioner Moon.

Commissioner Dada left at 5:01 pm.

4.B. SUBJECT MATTER ADVOCATE REPORTS:

RECOMMENDATION: Commissioner Vogel will get together with Commissioner Hammond and coordinate a tour of the Police Department; Commissioner Hammond commented that One-PS will hold a community discussion on Brown Act issues, and on the upcoming DWA Candidate Forum and Mayoral and City Council Candidates Forum.

PUBLIC COMMENT: None.

STAFF MEMBER COMMENTS: None.

COMMISSION MEMBER ITEMS AND REQUESTS: Commissioner Williams thanks City Engineer Marcus Fuller for the detailed tracking report provided; Commissioner Vogel compliments Commissioner Williams for his participation in the sub-committee; Commissioner Rosenberg thanks Commissioner Vogel for his time to review project list; Commissioner Cohen comments on FIOS services; Commissioner Hammond comments on working with City Staff.

ADJOURNMENT: The Special Meeting of the Measure J Commission of the City of Palm Springs adjourned at 5:29 p.m. to Thursday, October 15, 2015, at 4:00 p.m., Palm Springs City Hall, 3200 E. Tahquitz Canyon Way. **Motion Commissioner Vogel, seconded by Commissioner Cohen and unanimously carried, noting the resignation of Commissioner Moon.**

APPROVED BY A MOTION OF THE MEASURE J COMMISSION THIS 19TH DAY OF NOVEMBER, 2015.

Ariana Muniz
Commission Secretary

MEASURE J COMMISSION
CITY OF PALM SPRINGS, CALIFORNIA
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MEETING MINUTES
THURSDAY, OCTOBER 15, 2015, 4:00 p.m.
CITY HALL LARGE CONFERENCE ROOM

CALL TO ORDER: Chair Marshall called the October 15, 2015 Regular Meeting of the Measure J Commission of the City of Palm Springs to order at 4:03 p.m.

ROLL CALL:

PRESENT: Commissioners Cohen, Dada, Hammond, Rosenberg, Vogel, Williams, Vice-Chair Bloomer and Chair Marshall.

ABSENT:

ALSO PRESENT: Commission Secretary Muniz, Finance Director Kiehl, and City Manager Ready.

PLEDGE OF ALLEGIANCE: Commissioner Rosenberg led the Pledge.

ACCEPTANCE OF THE AGENDA: Approve the Agenda as amended. **By Consensus of the Commission.**

APPROVAL OF MINUTES: None.

PUBLIC COMMENT: None.

1. FINANCE DIRECTOR'S REPORT:

Finance Director Kiehl provided a verbal report. No action taken.

2. CITY MANAGER'S REPORT:

City Manager Ready provided a verbal report. No action taken.

At this time, Chair Marshall commented on Item 43 and 44 of the multi-year Community Project Hot Spots List discussed during the September 17, 2015 Regular Meeting, but not included in the total budgeted amount.

Action: Accept the amended three (3) year project plan as noted in the Community Project Report. **Motion Commissioner Hammond, seconded by Commissioner Cohen unanimously carried.**

3. MEASURE J PROJECTS UPDATE REPORT:

Assistant City Manager/City Engineer Marcus Fuller did not provided a verbal report. No action taken.

Senior Civil Engineer Gianfranco Laurie introduced Project Manager Marina Acosta with Urrutia Architects and she provided a verbal update on the Police Department Remodel. Marina Acosta will be providing an electronic copy of the plans to the Commissioners for their review.

4. NEW BUSINESS:

**4.A. REPORT FROM THE APPLICATION PROCESS AD HOC COMMITTEE:
(COMMISSIONERS MARSHALL, BLOOMER AND HAMMOND):
RECOMMENDATION:** None.

**4.B. REPORT FROM PROJECT FUNDING: PROCESS & POLICY AD HOC
COMMITTEE FOR ADDITIONAL FUNDS FOR APPROVED PROJECTS;
REAUTHORIZATION AND REALLOCATION OF UNEXPENDED FUNDS:
(COMMISSIONERS VOGEL, WILLIAMS, AND BLOOMER):** Commissioner Vogel provided a verbal report and presentation on Points presented by Measure J Committee on Policy and Practices.

Action: Approve the Plan submitted by Commissioner Vogel, Williams, and Bloomer. **Motion by Commissioner Dada, seconded by Commissioner Cohen unanimously carried.**

4.C. SUBJECT MATTER ADVOCATE REPORTS:

Commissioner Hammond provided a List of Advocates for Measure J approved projects for update.

PUBLIC COMMENT: None.

STAFF MEMBER COMMENTS: None.

COMMISSION MEMBER ITEMS AND REQUESTS: Vice-Chair Bloomer commented on complaints about red ants at Demuth Park; Commissioner Vogel commented on scheduling the tour of the Police Department; Commissioner Williams commented on the Mizell shade structure; Commissioner Rosenberg commented on the Palm Canyon Electric Backbone Replacement project, and Senior Civil Engineer Gianfranco Laurie and Assistant Director of Public Works/Assist City Engineer Savat Khamphou provided a verbal update.

City Manager David Ready left at 4:57 pm.

ADJOURNMENT: The Regular Meeting of the Measure J Commission of the City of Palm Springs adjourned at 4:59 p.m. to Thursday, November 19, 2015, at 4:00 p.m., Palm Springs City Hall, 3200 E. Tahquitz Canyon Way. **Motion Commissioner Dada, seconded by Commissioner Vogel and unanimously carried.**

**APPROVED BY A MOTION OF THE MEASURE J COMMISSION THIS 19TH DAY
OF NOVEMBER, 2015.**

Measure J Capital Projects Fund
City of Palm Springs
Revenues and Expenditures
October 31, 2015 Report

Proj Code	Bal&Enc CO from 14-15 to 15-16	2015-2016 Fiscal Year				
		2015-2016 Adopted Budget	Revised Budget	YTD Actuals	Encumbered	Balances / Variances
Revenues and Transfers In:						
Measure J Sales Tax Transfer In from General Fund		13,300,000	13,300,000	3,729,883	0	(9,570,117)
Interest Income		0	0	0	0	0
Unrealized Investment Gain or (Loss)		0	0	0	0	0
Total Revenues and Transfers In		13,300,000	13,300,000	3,729,883	0	(9,570,117)
Expenditures and Transfers Out:						
		**Before C/O				
Unscheduled Capital Projects / Reserves:		Total = \$1,139,160				
Unscheduled Capital Projects Reserve	0000	0	1,139,160	0	0	1,139,160
Transfer Out to Debt Service Fund	0001	0	3,200,000	0	0	3,200,000
Special Audit	0003	0	20,000	0	0	20,000
Communications Expenses	0004	26,483	11,000	37,483	5,897	31,585
Downtown Prop Maint and Landscaping	0005	0	344,000	344,000	0	327,575
Streets - 2013 - Reconstruction & Overlay	0006	271,705	0	271,705	271,705	0
Streets - 2013 - Slurry Seal	0008	42,678	0	42,678	185	42,493
Streets - 2014 - Reconstruction & Overlay	0008	563,334	0	563,334	9,781	8,535
Streets - 2015 - Recon/Overlay/Seal	1508	1,971,779	2,000,000	3,971,779	8,967	1,992,609
Desert Highland Light Poles / Fixture Replacement	0010	78,934	0	78,934	1,509	74,020
Ruth Hardy Park Security Path Lighting	0011	36,357	0	206,980	310	204,845
Palm Canyon Electric "Backbone" Replacement	0025	608,968	0	608,968	731	597,087
New Fire Station #5 Site Location and Design Study	0026	42,188	0	42,188	0	42,188
iHUB Accelator Campus	0029	0	250,000	250,000	67,749	182,251
Downtown PS Development / Walk of Stars	0032	176,637	0	176,637	18,320	136,777
Shade Cover at Mizell Senior Center	0036	20,890	0	20,890	0	20,890
Airport Fire Station Back-up Generator (50% Airport)	0038	840	0	840	0	840
Landscape Visitors' Center Landscaping	0042	3,486	0	3,486	1,741	1,745
Library Planning	0043	125,294	0	125,294	0	125,294
JO Jessie DHUC - Gym Air Conditioning	0045	344,370	0	344,370	261,427	15,219
Entry Way Signs	0046	131,402	0	411,402	8,410	400,236
Police Department Remodel	47,51,58	357,460	0	357,460	8,065	284,782
Building Department Microfilm to Internet	0049	43,779	0	43,779	3,200	37,379
Veteran's Track "Pocket" Park (Ave. Evelita)	0050	12,960	0	12,960	0	12,960
NMTP / Biking Issues	0052	634,150	2,503,000	3,137,150	629	2,436,729
NMTP / Biking - CMAQ/CVAG Bike Lanes Grant Match	0053	73,000	0	73,000	0	73,000
Tahquitz Creek Master Plan Improvements	0054	228,144	0	394,118	13,782	377,336
Repave Police Rear and Front Parking Lots	0055	46,030	0	46,030	107	20,668
Fire Station #2 - Chiller Replacement	0057	46,149	0	179,226	2,271	171,874
Fire Stations Security Cameras	0059	61,285	0	61,285	0	61,285
Fire Stations Keyless Entry System	0060	50,000	0	50,000	0	37,923
Uptown Treewell Irrigation	0061	32,275	0	32,275	295	29,335
City Hall Security Design and Installation	0064	99,610	0	99,610	0	63,382
City Hall Parking Lot Resurfacing	0066	58,215	0	58,215	0	(0)
Tahquitz Cyn Median Landscaping Sunrise to El Cielo	0067	488,611	500,000	488,611	76,525	66,806
Trolley Shuttle	0068	248,235	820,000	1,068,235	165,059	851,127
Project Management	0069	0	50,000	50,000	0	50,000
Trash Service - Trails	0071	2,400	7,200	9,600	0	9,600
Measure J Signs	0072	0	0	0	0	0
Air Conditioning Controls at the iHub building	0073	73,313	0	73,313	0	73,313
Downtown Park / Parking Structure / Change Orders	0074	1,961,196	1,155,142	3,116,338	45,269	478,047
Fire - Replace Apparatus Door - Fire Station 442	0075	59,945	0	59,945	969	58,976
Fire - Emergency Alerting Systems - All Stations	0076	99,848	0	99,848	579	99,268
Fire - Oil / Water Separator - Station 443	0077	50,000	0	50,000	0	50,000
Public Trails - Chino Cone	0079	15,000	0	15,000	10,000	0
Public Works - Ajejo / Belardo Church Parking Lot Rep.	0080	0	400,000	400,000	0	0
CC - User WIFI Network Upgrade	0081	0	125,000	125,000	0	0
CC - Replace Pergola Lumber on Exterior	0082	0	40,000	40,000	0	0
CC - Integration of HVAC / Lighting Control Systems	0083	0	276,000	276,000	0	0
Recreation - Replace Weightroom Equipment - JOJ	0084	0	9,000	9,000	0	9,000
CC - Air Wall Rehabilitation	0085	0	75,000	75,000	0	0
CC - New Welcome Banner Infrastructure	0086	0	83,220	83,220	0	0
CC - Chairs and Carts	0087	0	161,438	161,438	0	0
Recreation - Playground Structure - Sunrise Park	0088	0	270,000	270,000	0	270,000
Community Projects	0089	0	1,000,000	1,000,000	0	0
Total Expenditures and Transfers Out		10,575,783	13,300,000	23,875,783	983,481	13,589,452

Multi-Year Summary of Available Measure J Funds

City of Palm Springs

	<u>2015-2016</u>	<u>2016-2017</u>	<u>2017-2018</u>	<u>2018-2019</u>	<u>2019-2020</u>
Beginning Balance	\$1,388,834				
Projected Revenue *	\$13,300,000	\$13,600,000 +2%	\$13,900,000 +2%	\$14,200,000 +2%	\$14,500,000 +2%
Unscheduled Capital Projects / Reserves	(\$1,139,160)				
Total Available Funds Net of Reserves	<u>\$13,549,674</u>	<u>\$13,600,000</u>	<u>\$13,900,000</u>	<u>\$14,200,000</u>	<u>\$14,500,000</u>
<i>Existing Budget Obligations:</i>					
Multi-Year Projects:					
Street Repairs	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000
iHub Accelerator Campus	250,000	0	0	0	0
NMTP / Biking Issues *	2,503,000	1,000,000	0	0	0
Trash Service - Trails	7,200	7,200	7,200	7,200	7,200
"Buzz" Pilot Program	820,000	820,000	820,000	820,000	820,000
Downtown Park / Parking Structure / COs	1,155,142	TBD	TBD	TBD	TBD
Uptown Parking Structure	0	2,000,000	0	0	0
Police Department Remodel	0	2,500,000	0	0	0
Vehicle Replacement	TBD	TBD	TBD	TBD	TBD
Public Trails - Chino Cone	TBD	TBD	TBD	TBD	TBD
Community Projects	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Total Multi-Year Projects	<u>\$7,735,342</u>	<u>\$9,327,200</u>	<u>\$3,827,200</u>	<u>\$3,827,200</u>	<u>\$3,827,200</u>
Adjustments to Prior-Year Projects	\$749,674	\$0	\$0	\$0	\$0
Other Approved Projects and Expenses:					
Debt Service	\$3,200,000	\$3,200,000	\$3,200,000	\$3,200,000	\$3,200,000
Downtown Prop Maint & Other Expenses	425,000	475,000	500,000	525,000	550,000
Recreation - Replace Weightroom Equipment - JOJ	9,000				
Conv Ctr - User WIFI Network Upgrade	125,000				
Conv Ctr - Replace Pergola Lumber on Exterior	40,000				
Conv Ctr - Integration of HVAC / Lighting Control Systems	276,000				
Conv Ctr - Air Wall Rehabilitation	75,000				
Conv Ctr - New Welcome Banner Infrastructure	83,220				
Conv Ctr - Chairs and Carts	161,438				
Alejo / Belardo Church Parking Lot Replacement	400,000				
Recreation - Playground Structure - Sunrise Park	270,000				
Total Existing Budget Obligations	<u>\$13,549,674</u>	<u>\$13,002,200</u>	<u>\$7,527,200</u>	<u>\$7,552,200</u>	<u>\$7,577,200</u>
Net New Funds Available for Budgeting	<u>\$0</u>	<u>\$597,800</u>	<u>\$6,372,800</u>	<u>\$6,647,800</u>	<u>\$6,922,800</u>

* Note: The Director of Finance is assuming a 2% annual growth in revenues in 2016-2017 through 2019-2020.

Measure J Summary of Unscheduled Capital Projects / Reserves

City of Palm Springs

October 31, 2015 Report

2015-2016:

Unscheduled Capital Projects / Reserves Summary:

1. Project Contingency Reserve (Remnant of 10%), Final Balance	<u>1,139,159.55</u>
Net Unscheduled Capital Projects / Reserves	<u>1,139,159.55</u>

Unscheduled Capital Projects / Reserves:

1. Project Contingency Reserve (Remnant of 10%), Beginning Balance		1,388,833.55
Removed new Tahquitz Cyn Median Landscaping allocat'n	0067	500,000.00
Fire Station #2 - Chiller Replacement	0057	(133,077.00)
Ruth Hardy Park Security Path Lighting	0011	(170,623.00)
Tahquitz Creek Master Plan Improvements	0054	(165,974.00)
Entry Way Signs	0046	(280,000.00)
	Net Increases / (Decreases)	<u>(249,674.00)</u>
Project Contingency Reserve (Remnant of 10%), Final Balance		<u>1,139,159.55</u>

Measure J Capital Projects Tracking Report						2015-2016																
City of Palm Springs		Approved	Acct	Revised	Consultant	Const	Bid	Designer	Design	Design	Council	To	Bid	Bid	Pre	Constr	Complete	Comments				
Update 11/9/2015		FY	CP#	Ref. #	Code	Budget	Fees	Estimate	Results	Lead	Selected	Begins	Completed	Approval	Bid	Date	Award	Conf	Begins	Complete	Comments	
STREETS/PUBLIC WORKS																						
Streets - 15- Recon/Overlay		14/15	15-01	1508	50809	3,971,779	N/A	10,500,000	9,814,520	PW	ENG Staff	01/05/15	04/07/15	03/04/15	03/28/15	04/30/15	05/20/15	06/24/15	07/01/15	12/31/15	Project in Construction. The Contract will enter into agreements with committed property owners to improve residential frontages. Follow up with Nena on water line. Require SCE to remove/replace in full length of entire street due to utility rescheduling. Also, require SCE Contractor to fix DWA item of work. Need to finalize street list for change order.	
Streets - 14 - Recon/Overlay		13/14		1408	50808	563,334					ENG Staff									Yes	Major Construction completed. Project cleanup and closeout in process. Completed 12/31/14	
Arnico Tract Sewer Improvements (Lateral Connections)		13/14		0065	59459	0					ENG Staff									Yes	Phase III Construction Complete. Completed 10/30/14	
Streets - 13 - Recon/Overlay		12/13		0006	50805	271,705					ENG Staff									Yes	Construction completed November 2013	
Streets - 13- Slurry seal		12/13		0008	50807	42,678					ENG Staff									Yes	Construction completed October 2013	
Baristo Sidewalk				0040	59432	0					ENG Staff									Yes	Construction completed March 13, 2014.	
Subtotal:						4,849,496																
NON MOTORIZED TRANSPORTATION																						
2014 Striping Projects		14/15	XX-XX	0052	59445	3,137,150	TBD	TBD	TBD	PW												
Farrell Drive (Racquet Club to EPC)		13/14		52a5	59445						Webb & Associates	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	As of August 3, 2015 the General Plan Amendment is on hold. Will reconvene later this year. Will need to split Initial Study and San Rafael.	
Racquet Club (NPC to Farrell)		13/14		52a5	59445																	
CMAQ/CVAG Bike Lanes Grant Match		14/15			59469	73,000															Provide a list of various Grants for Road Diets for City Council. Staff submitted Environmental to Caltrans for review and approval. Refer to Federal Project List.	
2013 Striping Projects		13/14	13-32	0052	59445		44,120	1,200,000	1,320,405	PW												
El Cielo Corridor (Including Civic Drive)				52a1	59445						Webb & Associates	10/01/14	12/01/14	12/03/15	01/10/15	02/10/15	03/04/15	05/19/15	06/08/15	11/30/15	Provide an update on pricing for El Cielo, Calle Encilla and Alejo. Staff to prepare Class 3 bike route exhibits for Indian and Palm Canyon between Alejo and Ramon. Staff to coordinate with Joy Meredith. Staff to perform ride-alone prior to project close-out.	
Alejo Corridor				52a2	59445																	
Belardo Corridor				52a3	59445																	
Calle Encilla (Alejo to Ramon)				52a4	59445																	
Biking Directional Signage		13/14	XX-XX	052b	59445		TBD	TBD	TBD	SUS	IP- 09/12/14											
Biking Street Crossings		13/14	XX-XX	052c	59445		TBD	TBD	TBD	SUS												
Biking Parking		13/14	XX-XX	052d	59445		TBD	TBD	TBD	SUS	08/01/13	10/20/13	02/01/14	05/07/14	N/A	N/A	N/A	N/A	05/20/14		Ongoing per Application or City Council request. MSRC Grant Fund match- 60 total bike racks and 4 corrals to install.	
Tahquitz Creek Gateway Triangle Parcel		13/14	14-16	0054	59447	380,755	75,950	337,500	346,141	PW	MSA	03/04/15	07/01/15	07/15/15	07/28/15	09/03/15	10/07/15	10/28/15	12/01/15	02/01/16	Staff received update from Flood indicating they will issue encroachment permit while cooperative agreement is being reviewed. Project awarded staff will schedule a preconstruction meeting with Contractor.	
Bike Trail Fence				0070	59464	0														Yes		
Bike Crossing at Cat Cyn (50% paid for by Cat City)				0035	59427	0														Yes	Completed 9/30/2014	
Subtotal:						3,590,905																
DESERT LANDSCAPE																						
Visitor Center's Landscape Upgrade		13/14	14-22	0042	59434	3,486	21,263	536,514	TBD	PW	Buccino	04/17/14	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	Project on-hold. Staff will need to request additional funding to continue with design at a Measure J Commission meeting. HSPB latest comments are the block wall and park bench/picnic tables. HSPB would like portion of block wall removed and custom park bench/picnic table. Buccino submitted a proposal from Jeff Jurasky & Associates to design custom park bench/picnic table. Process Contract Amendment for Buccino/JJ&A. Return to HSPB for approval. After approval from HSPB, go to Planning Commission then to Council. Continue to seek addtn'l funds for Constuction.	
Tahquitz Cyn Med. Desert Landscaping (Sunrise to El Cielo)		13/14	13-33	0067	59461	488,611	113,800	1,790,000	1,328,315	PW	RGA									Yes	Staff to prepare sight distance memo with exhibits. Present in closed session for consideration. Final punchlist items	
Subtotal:						492,097																
PARKS																						
Sunrise Park Playground Structure		15/16	XX-XX	0088	59482	270,000			274,218	PW											Council approved purchase and installation of new playground structure. Waiting on vendor insurance and bond prior to issue of Purchase Order. Vicki deciding on colors.	
DESERT HIGHLAND - Replace Weightroom Equipment		15/16	XX-XX	0084		9,000				PW											Only one bid received and a PO was issued to Royal Gym Services. Waiting for flooring to be completed. Equipment to be delivered to site on 11/11. Scheduled to start next week on 11/16.	
Public Trails - Chino Cones		15/16	XX-XX	0079	59474	5,000				PW											Retained consultant to perform studies for future access trails. Updated maps of potential alignments. Consulted with regulatory habitat agencies.	
Veteran's Track "Pocket" Park (Ave. Evelita)			XX-XX	0050	59443	12,960	TBD	TBD	TBD	PARKS											Project on hold.	
DESERT HIGHLAND - Light Poles / Fixture Replacement		12/13	15-21	0010	59401	78,934	14,900	218,000	TBD	ED	IDC	05/27/15	11/25/15	12/02/15	12/03/15	01/07/16	01/20/16	02/06/16	02/15/16	06/30/16	IDC addressing staff comments and will prepare 100% PS&E submittal package. Boulders from Desert Palisades project will be stockpiled at site. Import fill from Pavement Rehab project will be stockpiled at site. A budget shortfall exists for new sportlighting equipment will approach Measure J Commission in November meeting to request additional budget for lights. Funds will be combined with State funded Re-Development projects that will relocate Ball Field and provide New Lighting.	
DESERT HIGHLAND - JO Jessie Gym Air Conditioning		13/14	14-15	0045	59438	344,370	24,950	350,000	414,000	PW	URRUTIA	03/17/14	02/05/14	02/18/15	02/19/15	03/26/15	05/06/15	06/08/15	06/15/15	11/20/15	Waiting for certified fibertite installer for roof patch repair. Contractor working on final punch-list items. Anticipated completion date is 11.20. Preparing CC#4 on misc credit to City. Staff to confirm w/solar power project if it can accommodate additional load.	
DOWNTOWN - Cornelia White House Improvements			15-16	0062	59456	0	13,200	101,850	TBD	FAC	IDC	02/13/14	04/17/14	10/21/15	TBD	TBD	TBD	TBD	TBD	TBD	Council approved additional forensic architect service in addition to setting aside construction funds thru general fund balance. Staff to coordinate with IDC after further investigation is completed for preparation of PS&E for construction.	
RUTH HARDY - DEMUTH PARK - Security Path Lighting		12/13	14-19	0011	59403	241,780	13,375	247,500	219,800	FAC	MRC	11/11/13	05/20/15	05/20/15	05/21/15	06/25/15	10/07/15	11/17/15	11/30/15	01/01/16	Preconstruction meeting on 11/17. Project to account for proposed solar car port lighting.	
RUTH HARDY PARK - Parking Lot Repairs		12/13		0018	59410	429				PW										Yes	Construction completed March 10, 2014.	
SUNRISE PARK - Pavilion Kitchen Equipment Replacement		12/13		0009	59400	0				FAC										Yes	Equipment installed.	
SUNRISE PARK - Water Valve Replacement		12/13		0017	59409	0				FAC										Yes	Valves replaced.	
SUNRISE PARK - Stadium Fencing Repairs		12/13		0019	59411	0				ACM										Yes	Fencing work completed September 2013.	
SUNRISE PARK - Swim Center Deck		12/13		0033	59425	0				ACM										Yes	Project complete - working on small punch list	
SUNRISE PARK - Swim Center Underwater Lights		12/13		0034	59426	0				ACM										Yes	Completed December 2013.	
SUNRISE PARK - Pavilion Gym Floor Repair / Refinish		12/13		0063	59457	0				FAC										Yes	Complete 6/03/14.	
Dog Park Improvements		12/13		0013	59405	0				PW										Yes	Construction Completed	
Sidewalk Replacement in Parks Citywide		12/13		0014	59406	0				FAC										Yes	Completed	
Trailhead Waste		12/13		0037	59429	0				PW										Yes	All trash cans and dog stations installed.	
Property Acquisition (near Chino Cone)		12/13		0044	59437	0				FIN										Yes	Reserved for acquisition	
DEMUTH PARK - Softball Field Wiring Replacement		12/13		0015	59407	0				FAC										Yes	Electrical work completed.	
DEMUTH PARK - Parking Lot Repairs		12/13		0018	59410	0				PW										Yes	Construction Completed on April 30, 2014.	
DESERT HIGHLAND - Small Parking Lot Repairs		12/13		0012	59404	0				PW										Yes	Construction Completed October 2013	
DOWNTOWN - Village Green Electric Meter Replacements		12/13		0021	59413	0				FAC										Yes	Complete	

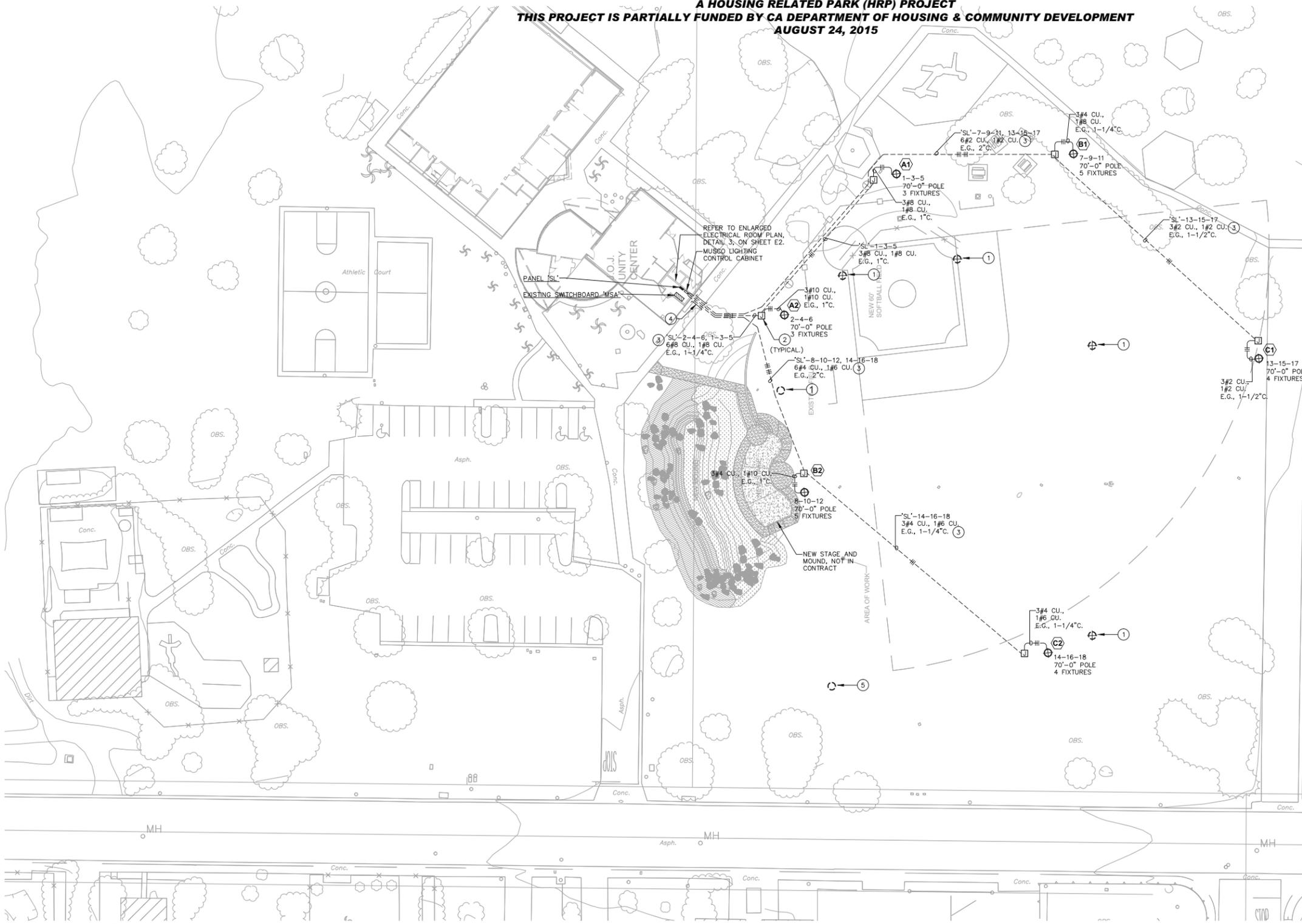
Measure J Capital Projects Tracking Report						2015-2016														
City of Palm Springs		Approved		Acct	Revised	Consultant	Const	Bid	Designer	Design	Design	Council	To	Bid	Bid	Pre	Constr	Complete	Comments	
Update 11/9/2015		FY	CP#	Ref. #	Budget	Fees	Estimate	Results	Selected	Begins	Completed	Approval	Bid	Date	Award	Conf	Begins			
57	Security Cameras at Park Restrooms			0039	59431				ACM										Yes	Completed 02/15/15
58	DEMUTH PARK - Community Center Gym Floor Replc.	12/13		0016	59408				FAC										Yes	Completed 01/29/15
59	Subtotal:				962,473															
LIBRARIES																				
61	Welwood Murray Memorial Library Renovation Project			0027	59418		400		ACM										Yes	Construction Completed 02/28/15
62	Library Planning	13/14	XX-XX	0043	59436		12,000,000	TBD	LIB											Group IV (G4) Contract Amended for SEISMIC Eval \$17,556 paid thru other funds. Staff met with Library Director for update and was informed proposed construction costs would be \$12M. G4 could identify "bare min" improvements for additional \$7K fee.
63	Library Remodel		XX-XX		TBD															See above.
64	Library Computers		XX-XX	0043	59435				LIB										Yes	19 Computers, backups, servers and other hardware purchased and installed.
65	Subtotal:				125,694															
CITY FACILITIES																				
67	City Hall - Building Department Microfilm to Internet			0049	59442		43,779		CLK											Project completed.
68	City Hall Parking Lot Resurfacing	13/14	42,021	0066	59460			915,894	PW	MSA									Yes	Rear Parking Lot completed. Final punch-list at \$9K pending approval. Prepare NOC and Approve CCO for 7/1/2015
69	Keyless Entry System - Police Dept. & City Hall	13/14	14-23	0064	59458	99,610	36,228	TBD	PD/IT	Guidepost Solutions	05/20/15	TBD	Schedule a design kick-off meeting w/ vendor. Consider the installation of video camera due to recent vending machine theft at City Hall. Staff to prepare specifications to bid project. Project will only replace card reader.							
70	Keyless Entry System - Fire Station	13/14	14-23	0060	59454	50,000	12,077	TBD	FD											
71	Fire - NEW Station #5 - Site and Design Studies	12/13	XX-XX	0026	59402	42,188	TBD	TBD	FD											On Hold until site is selected and funding appropriated.
72	Fire - Airport Fire Station Back-up Generator (50% Apt)	13/14	13-29	0038	59430	1,740	4,500	80,905	PW	MRC									Yes	Contractor completed vendors final punch list items except one cable is on order. Started generated on 8/7/15.
73	Fire Station #2 - Chiller Replacement	13/14	14-17	0057	59450	173,250	19,500	145,000	FAC	09/01/14	01/07/15	06/30/15	07/15/15	07/22/15	08/27/15	10/07/15	11/19/15	11/30/15	01/01/16	Preconstruction meeting on 11/19.
74	Fire Stations Security Cameras			0059	59453	61,285			FD										Yes	Project completed. Prepare NOC staff report for 7/15.
75	Fire - Replace Apparatus Door - FS #442	14/15	15-08	0075	59470	59,945	N/A	TBD	PW	ENG Staff	N/A	N/A	N/A	11/12/15	12/17/15	01/06/16	01/20/16	02/01/16	03/01/16	Contract bid documents out for bidding.
76	Fire - Emergency Alerting Systems - All Stations	14/15	15-09	0076	59471	99,848	N/A	TBD	PW	ENG Staff	02/01/16	03/01/16	03/16/16	03/17/16	04/21/16	05/04/16	05/18/16	06/01/16	07/01/16	Staff met with police dispatch to understand alerting system. Staff waiting for FIRE, IT and PD to send min. requirements needs for new alerting system. Meeting on 11/17 w/ Procurement to discuss min. requirements and draft RFP.
77	Fire - Oil/Water Separator - FS #443		15-10	0077	59472	50,000	N/A	TBD	PUR	ENG Staff	N/A	N/A	N/A	11/19/15	12/24/15	01/06/16	01/20/16	02/01/16	03/01/16	Staff to prepare Special Provisions for RFB and solicit for end of November 2015. Waiting for Facilities to send prices for oil/water separator tanks.
78	Police - Repave Rear and Front Parking Lots	14/15		0055	59448	46,030			PW	MSA									Yes	Construction completed. Prepare NOC for 7/15
79	Police Detective Bureau Redesign Study (PD Priority #2)	13/14	15-05	0058	59452															Council approved RFB on 11/4. A meeting w/ PD & Measure J Commissioner took place on 11/6 to review plan set and walk the site. Measure J Commission requested to include sleeping room in men's/women's locker area as part of project. Architect is incorporating changes and will return revised plans in 2-3 weeks to solicit. Work w/ architect on vendor sheets for future site furniture. Final PS&E have not been submitted to building for plan check. Need to attach SCE drawing in contract bid documents.
80	Police Records/Lobby Remodel (PD Priority #1)	13/14	15-05	0051	59444															
81	Police Training Center Upgrades (PD Priority #3)	13/14	15-05	0047	59440	357,460	104,590	1,711,184	PD/IT	URRUTIA	01/03/14	10/31/15	11/04/15	12/03/15	01/07/16	01/20/16	02/14/16	03/01/16	09/01/16	
82	I-hub A/C Controls			0073	59467	73,313			ACM	Chevron										Construction substantially complete. Waiting for final plans to tie-in system. Work w/ Facilities for final contract change orders.
83	Fire - Firefighting Support Unit			0031	59423	0			FD										Yes	Completed 6/15/14.
84	Fire Station #2 - Roof Replacement			0056	59449	0			FAC/ACM										Yes	Project complete
85	Subtotal:				1,217,010															
DOWNTOWN																				
87	Alejo / Belardo Church Parking Lot	15/16	XX-XX	0080	59475	400,000			PW											On-hold. City maintains existing parking lot.
88	Replace Portable Restrooms for Special Events / Villagefest	15/16	XX-XX	0078	59473	0														Per Geoffrey project has been completed
89	Downtown Park / Parking Structure / Change Orders	15/16	XX-XX	0074	59464	3,116,338														City Council approved budget for additional work
90	Uptown Treewell Irrigation	13/14	14-21	0061	59455	32,275														
91	Palm Canyon Electric Backbone Replacement	13/14	14-20	0025	59417	608,968	25,700	871,500	FAC	MRC	02/15/14	04/01/15	05/20/15	12/03/15	01/07/16	01/20/16	02/01/16	02/14/16	05/30/16	No utility coordination is identified in MRC scope of service. Staff preparing all SCE notices for new meter pedestals. Follow up meeting scheduled w/ MRC on 11/16 to discuss status of rebid plan set.
92	Light Poles - Raise Footings - Citywide			0023	59415	0			FAC											Completed 9/12/14
93	Uptown Crosswalks			0022	59414	0			ACM/PW										Yes	Completed 6/30/14.
94	Replace 20 Palms on Palm Cyn, Indian, Sunrise	12/13		0020	59412	0			FAC										Yes	Project is Complete 03/03/15
95	Subtotal:				4,157,581															
FUNDED COMMUNITY PROJECTS																				
97	Entry Way Signs	13/14	13-31	0046	59439	495,000	19,270	240,000	PW	JJ&A	03/15/14	06/01/15	07/01/15	07/02/15	08/06/15	10/21/15	11/19/15	11/30/15	12/31/15	Facilities confirmed the capacity of amp's to existing median lighting for new lighting tie-in at Ramon at San Luis Rey. Staff to revise the median exhibit for E. Palm Canyon at Gene Autry Tr to reflect preliminary geometric layout. Schedule a preconstruction meeting in November.
98	Shade Cover at Mizell Senior Center	13/14	15-12	0036	59428	20,890	2,900	40,000	PW		10/01/14	03/09/15	N/A	12/17/15	01/21/16	02/03/16	02/15/16	03/01/16	03/31/16	Staff to share proposed fabric canopy shade structure to Measure J Commission on 11/19 for approval prior to soliciting new shade structure design for bidding.
99	Trolley			0068	59462	1,068,235														In Progress - Operation contract.
100	iHUB Accelerator Campus			0029	59420	250,000			EC										Yes	Funds Transferred
101	Architecture and Design Museum			0030	59421	0			Fin										Yes	Contract Executed.
102	Palm Springs High School Auditorium Remodel			0041	59433	0			FIN										Yes	Contract Executed
103	Subtotal:				1,834,125															
CONVENTION CENTER PROJECTS																				
105	Chairs and Carts	15/16	XX-XX	0087	59481	161,438			PW											Convention center will handle project
106	New Welcome Banner Infrastructure	15/16	XX-XX	0086	59480	83,220			PW											Convention center will handle project
107	Air Wall Rehabilitation	15/16	XX-XX	0085	59479	75,000			PW											Convention center will handle project
108	Integrate of HVAC/Lighting Control Systems	15/16	XX-XX	0083	59478	276,000			PW											Convention center will handle project
109	Replace Pergola Lumber on Exterior	15/16	XX-XX	0082	59477	40,000			PW											Convention center will handle project
110	User WiFi Network Upgrade	15/16	XX-XX	0081	59476	125,000			PW											Convention center will handle project
111	Subtotal:				760,658															

JOJ OUTDOOR SPORT LIGHTING REPLACEMENT
Professional Opinion of Project Probable Cost

Description		%			\$	Subtotals
PROJECT - Sport Lighting Replacement OPTION 1						
1	Material - City to purchase	\$ 19,000.00	6	ea	\$114,000	
	Pre-cast Footings					
	Light Poles & Fixtures					
	Controls					
	Total Material					\$114,000
2	Installation					
	Demolition of existing lights	\$ 9,000.00	1	LS	\$9,000	
	Reroute irrigation lines	\$ 3,000.00	1	LS	\$3,000	
	New conduit to Meter Room	\$ 3,000.00	1	LS	\$3,000	
	Outdoor Lighting Installation	\$ 6,000.00	6	EA	\$36,000	
	Trenching, conduit, & Wires	\$ 16,000.00	1	LS	\$16,000	
	SUBTOTAL				\$52,000	
	Contingency	15%			\$7,800	
	GC Overhead and Profit	30%			\$15,600	
	Total Installation					\$142,400
	TOTAL - OPTION 1					\$256,400
PROJECT - Sport Lighting Replacement OPTION 2						
1	Material - City to purchase	\$ 19,000.00	4	ea	\$76,000	
	Pre-cast Footings					
	Light Poles & Fixtures					
	Controls					
	Total Material					\$76,000
2	Installation					
	Demolition of existing lights	\$ 9,000.00	1	LS	\$9,000	
	Reroute irrigation lines	\$ 3,000.00	1	LS	\$3,000	
	New conduit to Meter Room	\$ 3,000.00	1	LS	\$3,000	
	Outdoor Lighting Installation	\$ 6,000.00	4	EA	\$24,000	
	Trenching, conduit, & Wires	\$ 14,000.00	1	LS	\$14,000	
	SUBTOTAL				\$38,000	
	Contingency	15%			\$5,700	
	GC Overhead and Profit	30%			\$11,400	
	Total Installation					\$108,100
	TOTAL - OPTION 2					\$184,100
SUMMARY						
1	OPTION 1 - Parts & Labor				\$256,400	
2	OPTION 2 - Parts & Labor				\$184,100	
	Design/Eng. Consultant's Fee				\$25,640	
	Soils Inspection & Test				\$12,820	
	Total PROJECT Probable CONSTRUCTION Cost for OPTION 1					\$294,860
	Total PROJECT Probable CONSTRUCTION Cost for OPTION 2					\$222,560

**CITY OF PALM SPRINGS
J.O.J. HIGHLAND UNITY CENTER - OUTDOOR BALLFIELD LIGHT REPLACEMENT
CITY PROJECT NO. 15-21**

**A HOUSING RELATED PARK (HRP) PROJECT
THIS PROJECT IS PARTIALLY FUNDED BY CA DEPARTMENT OF HOUSING & COMMUNITY DEVELOPMENT
AUGUST 24, 2015**



SHEET INDEX

- E1 - SITE LIGHTING PLAN
- D1 - DEMO PLAN
- E2 - ENLARGED ELECTRICAL ROOM, DIMENSION SCHEDULES AND SINGLE LINE DIAGRAM
- E3 - ELECTRICAL GENERAL NOTES, LEGEND, ABBREVIATIONS AND SCHEDULES
- E4 - CONTROL SCHEDULE AND STRUCTURAL DETAIL
- E5 - LIGHT POLE ELEVATIONS

GENERAL NOTES

1. THE WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARD DRAWINGS OF THE CITY OF PALM SPRINGS AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2012 EDITION OR MOST CURRENT.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AN EFFECTIVE MEANS OF DUST CONTROL WHICH SHALL INCLUDE PROVISIONS FOR ADEQUATE WATERING DURING THE GRADING PROCESS AND PROVISIONS FOR CONTINUANCE OF DUST CONTROL UNTIL THE GRADED SURFACE PRESENTS SUFFICIENT COVER AGAINST WIND OR WATER EROSION, SO THAT SPECIAL DUST CONTROL MEASURES ARE NO LONGER NECESSARY.
3. NOTHING IN THESE PLANS SHALL RELIEVE THE CONTRACTOR FROM OBTAINING PERMITS AS REQUIRED BY CHAPTER 14.16 OF THE CITY OF PALM SPRINGS MUNICIPAL CODE.
4. THE CONTRACTOR SHALL SET AN APPOINTMENT FOR INSPECTION WITH THE ENGINEERING INSPECTOR A MINIMUM OF 24 HOURS PRIOR TO THE DATE OF INSPECTION.
5. ALL GRADING SHALL COMPLY WITH SECTION 1804 AND APPENDIX J OF THE 2013 CALIFORNIA BUILDING CODE.
6. THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE TO BE SHOWN IN A SCHEMATIC MANNER ONLY. SUBJECT TO THE PROVISIONS OF SECTION 4215 OF THE CALIFORNIA GOVERNMENT CODE, THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING THE WORK. CONTACT UNDERGROUND SERVICE ALERT (U.S.A.) AT 1-800-227-2600 TWO WORKING DAYS PRIOR TO ANY EXCAVATION.
7. DIMENSIONING TO CURBS SHALL BE TO FACE OF CURB.
8. CONTRACTOR SHALL DISPOSE OF ALL DEBRIS OFF-SITE DAILY, UNLESS OTHERWISE SPECIFIED BY THE CITY ENGINEER.
9. CONTRACTOR SHALL REMOVE ANY ABANDONED UTILITY FACILITIES AND SHOW LIMITS OF REMOVALS ON THE RECORD DRAWINGS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL, REPLACEMENT OR RELOCATION OF ALL REGULATORY, WARNING AND GUIDE SIGNS.
11. A "RECORD DRAWINGS" (FORMERLY CALLED "AS BUILT" DRAWINGS) OF THIS PLAN SHALL BE SUBMITTED BY THE CITY ENGINEER, FOR APPROVAL PRIOR TO ACCEPTANCE OF THE WORK.
12. CONSTRUCTION SIGNING, LIGHTING AND BARRICADING SHALL BE PROVIDED ON ALL PROJECTS AS REQUIRED BY CITY STANDARDS OR AS DIRECTED BY THE CITY ENGINEER. AS A MINIMUM, ALL CONSTRUCTION SIGNING, LIGHTING AND BARRICADING SHALL BE IN ACCORDANCE WITH PART 6 "TEMPORARY TRAFFIC CONTROL" OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, DATED JANUARY 13, 2012, OR SUBSEQUENT EDITIONS IN FORCE AT THE TIME OF CONSTRUCTION.
13. ALL DUST CONTROL MEASURES DESCRIBED IN AQMD RULE 403 (BEST AVAILABLE CONTROL MEASURES) AND IN THE CITY-APPROVED FUGITIVE DUST CONTROL PLAN SHALL BE IMPLEMENTED AT ALL TIMES. A WIND FENCE AND PROPER SIGNAGE SHALL BE ERRECTED, INSPECTED AND APPROVED BY THE CITY'S DUST CONTROL INSPECTOR PRIOR TO INITIATION OF CLEARING, GRUBBING, GRADING OR IMPORT/EXPORT OF SOIL, OR FILL MATERIAL AT THE SITE. FAILURE TO CALL 760-323-8253, EXTENSION 8740 FOR INSPECTION 72 HOURS PRIOR TO INITIATING WORK WILL RESULT IN ISSUANCE OF CITATION BY THE CITY.
14. THE BLOCK WALLS, RETAINING WALLS, AND OTHER STRUCTURES SHOWN ON THE GRADING PLAN ARE TO BE INCLUDED AS PART OF THE GRADING PERMIT.

SITE GENERAL NOTES

1. LOCATIONS OF UTILITIES SHOWN ARE APPROXIMATE AND CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING ON THIS SITE TO AVOID EXISTING DUCTS, PIPING OR CONDUITS ETC., AND TO PREVENT HAZARD TO PERSONNEL AND/OR DAMAGE TO EXISTING UNDERGROUND UTILITIES OR STRUCTURES WHETHER OR NOT SHOWN AND INSTALLED BY ANY OTHER CONTRACTS. THE CONTRACTOR SHALL BE IMMEDIATELY NOTIFY THE ENGINEER SHOULD SUCH UNIDENTIFIED CONDITIONS BE DISCOVERED.
2. CALL UNDERGROUND DIG ALERT BEFORE YOU DIG, #811.
3. MINIMUM CONDUIT SIZE SHALL BE 3/4", UNLESS NOTED OTHERWISE.
4. ALL ELECTRICAL EQUIPMENT MOUNTED OUTDOORS SHALL BE WEATHERPROOF (NEMA 3R).
5. CONTRACTOR SHALL REFER TO THE SPORTS FIELD LIGHTING SPECIFICATIONS FOR ALL INSTALLATION REQUIREMENTS OF THE SPORTS FIELD LIGHT POLES AND CONTROLS.
6. CONTRACTOR SHALL PROVIDE ADDITIONAL PULLBOXES AS REQUIRED/NEEDED TO COMPLETE THE HOMERUN BACK TO DISTRIBUTION BOARD/PANEL.
7. PULLBOXES SHALL BE LOCATED AS TO NOT BE IN THE NEW CONFIGURATION FIELD OF PLAY.
8. CITY TO PURCHASE AND PROVIDE THE MUSCO LIGHTING POLES AND PRECAST CONCRETE BASE FOR A1, A2, B1, B2, C1, C2 AND THE MUSCO LIGHTING CONTROL CABINET. CONTRACTOR TO COORDINATE WITH THE CITY REP FOR DELIVERY SCHEDULE OF MATERIALS.
9. CONTRACTOR SHALL INSTALL ALL CITY PROVIDED MUSCO ITEMS AND ELECTRICAL ITEMS FOR A COMPLETE AND OPERABLE LIGHTING SYSTEM.

KEYED NOTES

- 1 EXISTING SPORTS LIGHTING POLE TO BE REMOVED. CONTRACTOR SHALL REMOVE THE ENTIRE ASSEMBLY INCLUDING THE FOUNDATION/ FOOTING TO A MINIMUM OF 3'-0" BELOW FINISHED GRADE. ALL BRANCH CIRCUITING SHALL ALSO BE REMOVED, WHICH SHALL INCLUDE CONDUCTORS, CONDUIT RISERS, PULLBOXES AND CONTROLS. HORIZONTAL CONDUITS MAY BE ABANDONED IN PLACE. CONTRACTOR SHALL BACKFILL, COMPACT TO FINISHED GRADE OF SURROUNDING ADJACENT AREA. INSTALL GRASS SOD THAT MATCHES EXISTING FIELD. ADJACENT LAWN/SPORT FIELD TO BE PROTECTED.
- 2 INGROUND PULLBOX, REFER TO DETAIL 1, ON SHEET E3.
- 3 CIRCUIT THROUGH MUSCO LIGHTING CONTROL CABINET. REFER TO ENLARGED ELECTRICAL ROOM PLAN, DETAIL 3 & 5, ON SHEET E2.
- 4 PROVIDE (2) 4" SLEEVES UNDER CONCRETE SIDEWALK. CONTRACTOR SHALL SAWCUT SIDEWALK AND TRENCH FOR SLEEVE. BACKFILL, COMPACT AND REPLACE CONCRETE TO MATCH EXISTING ADJACENT SURROUNDING AREA.
- 5 EXISTING POLE BASE TO BE REMOVED. CONTRACTOR SHALL REMOVE THE FOUNDATION/ FOOTING TO A MINIMUM OF 3'-0" BELOW FINISHED GRADE. ALL BRANCH CIRCUITING SHALL ALSO BE REMOVED, WHICH SHALL INCLUDE CONDUCTORS, CONDUIT RISERS, PULLBOXES AND CONTROLS. HORIZONTAL CONDUITS MAY BE ABANDONED IN PLACE. CONTRACTOR SHALL BACKFILL, COMPACT TO FINISHED GRADE OF SURROUNDING ADJACENT AREA. INSTALL GRASS SOD THAT MATCHES EXISTING FIELD. ADJACENT LAWN/SPORT FIELD TO BE PROTECTED.

ELECTRICAL SITE LIGHTING PLAN

SCALE: 1" = 30'-0"



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MIRIC ENGINEERING, INC.
Professional Engineers & Lighting Consultants
o: 760-340-9005 f: 760-340-9100
PALM DESERT | SANTA ANA | SAN DIEGO

Project Number: 1509400
REGISTERED PROFESSIONAL ENGINEER
No. E134637
Exp. 09/30/16
ELECTRICAL
STATE OF CALIFORNIA

INTERACTIVE DESIGN CORPORATION
199 S. Civic Drive, Ste. 10, Palm Springs, California 92262
T: 760/323-4990 Email: mail@interactivedesigncorp.com
REUEL A. YOUNG, ARCHITECT DATE

**CITY OF PALM SPRINGS
PUBLIC WORKS DEPARTMENT**

APPROVED BY: _____
CITY ENGINEER DATE _____

REVISIONS			
REF.	DESCRIPTION	APPR.	DATE
PC	CORRECTIONS		06NOV15

CITY OF PALM SPRINGS

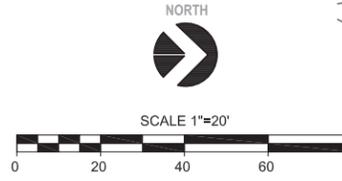
**J.O.J. HIGHLAND UNITY CENTER NEW
OUTDOOR BALLFIELD LIGHTING**

SITE LIGHTING PLAN

PROJECT NO. 1502
DRAWING NO. E1
SHEET NO. 1 OF 6
November 18, 2015

DEMOLITION NOTES

- 1 EXISTING LIGHTS, POLES AND WIRES TO BE REMOVED. SEE ELECTRICAL PLAN E1 FOR ADDITIONAL REQUIREMENTS.
- 2 REMOVE A MINIMUM OF 3 FT. OF EXISTING FOOTING FROM FINISH GRADE. BACKFILL AND COMPACT TO MATCH EXISTING FINISH GRADE. SEE ELECTRICAL PLAN E1 FOR ADDITIONAL REQUIREMENTS.
- 3 BACKSTOP, BLEACHERS TO BE REMOVED AND RESTORED. LOCATION TO BE PROVIDED BY CITY REPRESENTATIVE. CONCRETE PLATWORK FOR BACKSTOPS AND BLEACHERS TO BE REMOVED.
- 4 EXISTING IRRIGATION CONTROL BOX TO BE RELOCATED WHEN IN CONFLICT WITH NEW LIGHT CONDUITS. REROUTE IRRIGATION LINES.
- 5 LOCATION OF NEW LIGHTS. CORE FOR NEW FOOTING. SPOILS TO BE USED TO MATCH FINISH GRADE AT REMOVAL OF SPORT STRUCTURES. SEE LIGHT POLE DIMENSION PLAN ON ELECTRICAL SHEET E2.
- 6 SAWCUT AND REMOVE CONCRETE FROM EXISTING SIDEWALK FOR NEW SLEEVE AND ELECTRICAL CONDUIT INSTALLATION. BACKFILL, COMPACT AND REPLACE WITH 4" THICK CONCRETE TO MATCH EXISTING. SEE ELECTRICAL PLAN E1 FOR LOCATION AND ADDITIONAL REQUIREMENTS.
- 7 REMOVE AND RELOCATE EXISTING DRINKING FOUNTAIN.
- 8 NEW LOCATION OF EXISTING DRINKING FOUNTAIN. REROUTE EXISTING WATER LINE TO NEW LOCATION AND POUR NEW CONCRETE PAD.



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Project Number:
15029-03

INTERACTIVE DESIGN CORPORATION
199 S. Civic Drive, Ste. 10, Palm Springs, California 92262
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REUEL A. YOUNG, ARCHITECT DATE _____



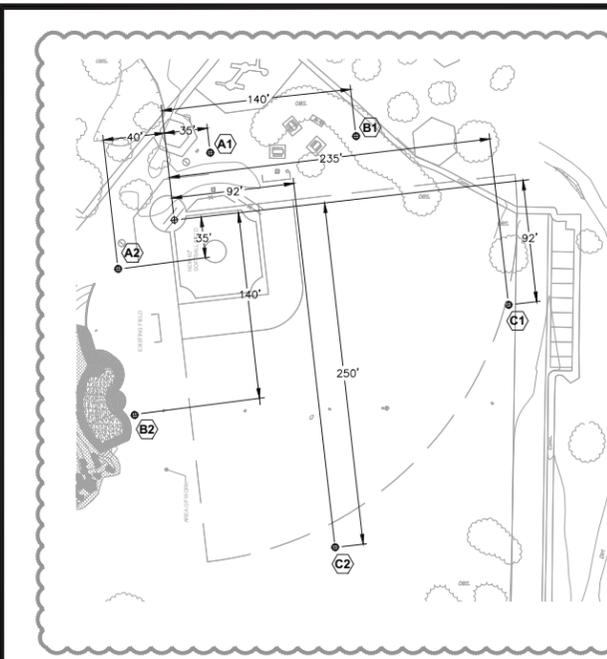
CITY OF PALM SPRINGS
PUBLIC WORKS DEPARTMENT

APPROVED BY: _____
CITY ENGINEER DATE _____

REVISIONS			
REF.	DESCRIPTION	APPR.	DATE
1	PLAN CHECK CORRECTIONS		06NOV15

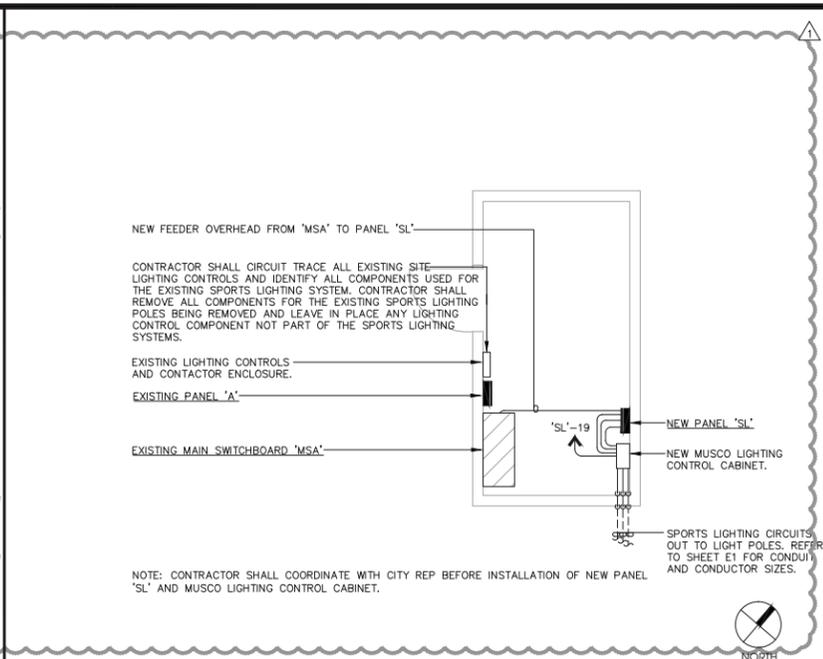
CITY OF PALM SPRINGS
J.O.J. HIGHLAND UNITY CENTER
SPORT LIGHTING
DEMOLITION PLAN

PROJECT NO. 1502
DRAWING NO. SHEET D-1
SHEET NO. 2 OF 6



LIGHT POLE DIMENSION PLAN

SCALE: 1"=60'-0" 4



ENLARGED ELECTRICAL ROOM

SCALE: 1/4"=1'-0" 3

PANEL: SL
 LOCATION: ELEC. ROOM
 MOUNTING: SURFACE

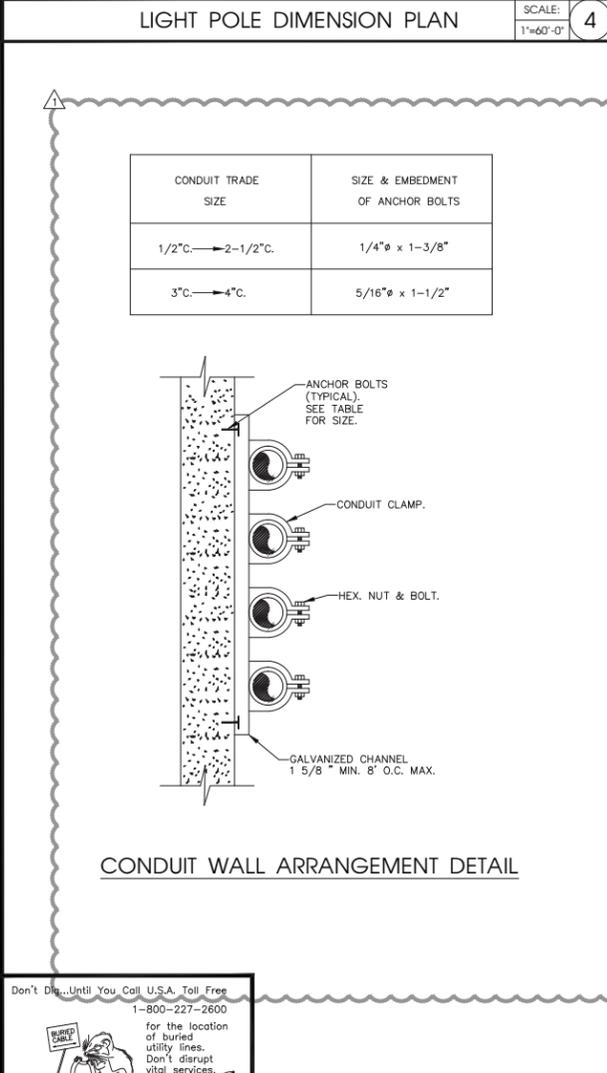
PANEL VOLTAGE: 120/208 3P, 4W
 BUS: 200 A
 MAIN: L.O.
 AC RATING: 10,000 (SERIES RATED)

CIRCUIT CODE: N : NON-CONTINUOUS
 L : LONG-CONTINUOUS
 R : DEMANDABLE RECEPTACLES
 K : KITCHEN

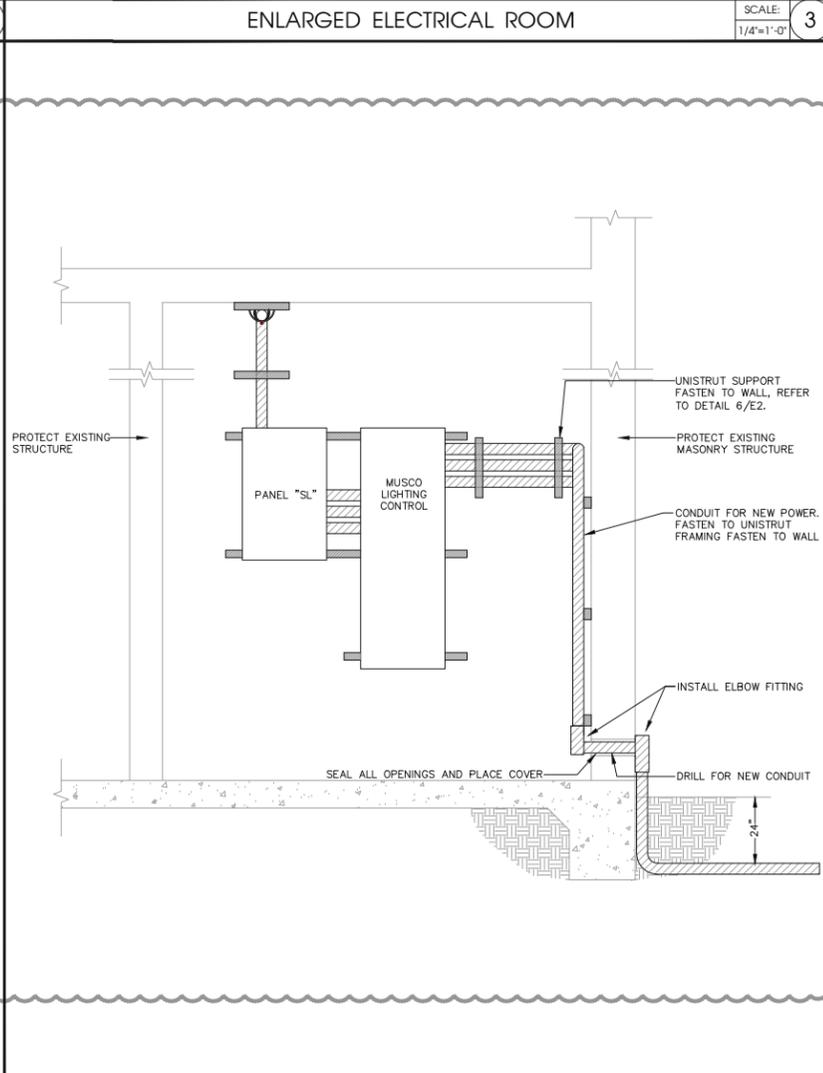
CIRCUIT NO.	VA LOAD			LOAD DESCRIPTION	W/O	TYPE			C.B.	BUS	C.B.			TYPE	W/O	LOAD DESCRIPTION	VA LOAD			CIRCUIT NO.		
	A	B	C			M	R	L			TR	P	ABC				TR	P	LR		M	A
1	1790			LIGHT POLE A1	L				30	3	X				L	LIGHT POLE A2	1790			2		
3	1790				L						X				L		1790			4		
5		1790			L							X			L			1790		6		
7	2685			LIGHT POLE B1	L				60	3	X				L	LIGHT POLE B2	2685			8		
9	3580				L						X				L		3580			10		
11		2685			L							X			L			2685		12		
13	2685			LIGHT POLE C1	L				40	3	X				L	LIGHT POLE C2	2685			14		
15	2685				L							X			L		2685			16		
17		1790			L								X		L			1790		18		
19	500			LIGHTING CONTROLLER	N				20	1	X					SPACE				20		
21				SPARE					20	1	X					SPACE				22		
23				SPARE					20	1	X					SPACE				24		
25				SPARE							X					SPACE				26		
27				SPARE							X					SPACE				28		
29				SPARE							X					SPACE				30		
31				SPARE							X					SPACE				32		
33				SPARE							X					SPACE				34		
35				SPARE							X					SPACE				36		
37				SPARE							X					SPACE				38		
39				SPARE							X					SPACE				40		
41				SPARE							X					SPACE				42		
7660	8055	6265		PHASE TOTALS												PHASE TOTALS	7160	8055	6265			
Total Phase A:				14820	CONNECTED VA (CODE N):				500													
Total Phase B:				16110	CONNECTED VA (CODE L):				42960													
Total Phase C:				12530	CONNECTED VA (CODE R):																	
					CONNECTED VA (CODE K):																	
					TOTAL CONNECTED KVA:				43.5													
					DEMAND KVA:																	
					TOTAL ADJUSTED KVA:				43.5													
					TOTAL PANEL AMPS:				120.9													
					AMPS W/CL:				154.5													

PANEL SCHEDULE 'SL'

SCALE: N.T.S. 2

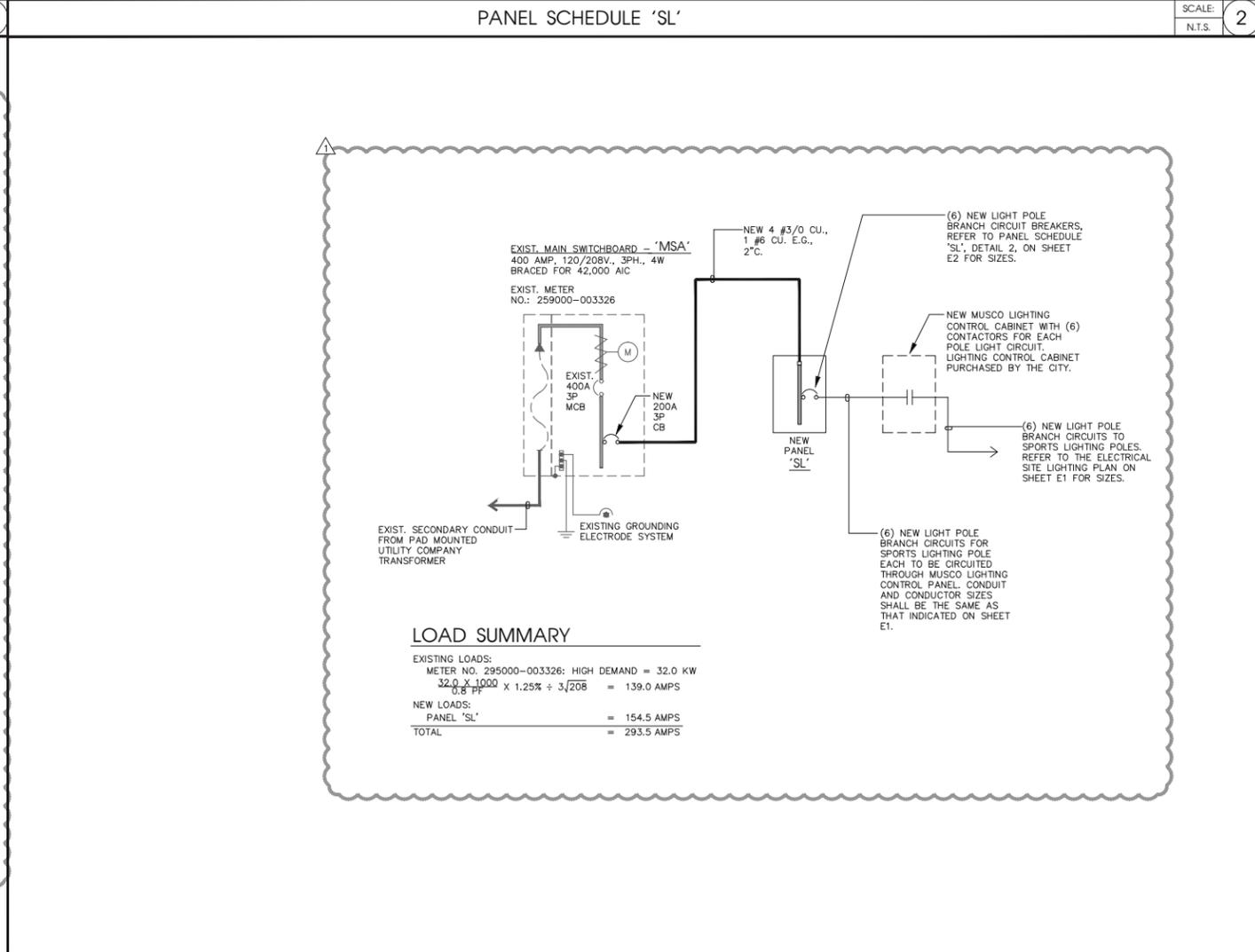


CONDUIT WALL ARRANGEMENT DETAIL



CONDUIT INSTALLATION

SCALE: N.T.S. 5



LOAD SUMMARY

EXISTING LOADS:
 METER NO. 295000-003326: HIGH DEMAND = 32.0 KW
 $32.0 \times 1000 \times 1.25\% \div 3,208 = 139.0$ AMPS
 0.8 PF

NEW LOADS:
 PANEL 'SL' = 154.5 AMPS
 TOTAL = 293.5 AMPS

SINGLE LINE DIAGRAM

SCALE: N.T.S. 1

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CONDUIT MOUNTING DETAIL SCALE: N.T.S. 6

MIRIC ENGINEERING, INC.
 Project Number: 1509400
 Professional Engineers & Lighting Consultants
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REUEL A. YOUNG, ARCHITECT DATE

CITY OF PALM SPRINGS PUBLIC WORKS DEPARTMENT

APPROVED BY: _____ CITY ENGINEER DATE _____

REF.	DESCRIPTION	APPR.	DATE
Δ	PC CORRECTIONS		06NOV15

CITY OF PALM SPRINGS
J.O.J. HIGHLAND FIELD CENTER NEW OUTDOOR BALLFIELD LIGHTING
 ENLARGED ELECTRICAL ROOM DIMENSION PLAN SCHEDULES AND SINGLE LINE DIAGRAM

PROJECT NO. 1502
 DRAWING NO. E2
 SHEET NO. 3 OF 6
 November 18, 2015

GENERAL

- THE FOLLOWING NOTES REFLECT THE REQUIREMENTS OF THE ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL A COMPLETE AND OPERABLE ELECTRICAL SYSTEM.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL MATERIALS, CONDUIT, WIRING, CONTROL DEVICES AND EQUIPMENT REQUIRED TO INSURE ALL SYSTEMS ARE COMPLETE AND OPERABLE.
- THE DIAGRAMS AND SYMBOLS ILLUSTRATED ON THESE DRAWINGS SHOW THE INTENT OF THE ELECTRICAL SYSTEMS AND ARE SHOWN DIAGRAMMATICALLY.
- THE CONTRACTOR SHALL REVIEW THE COMPLETE SET OF CONSTRUCTION DOCUMENTS AND VISIT THE PROJECT EXISTING CONDITIONS PRIOR TO SUBMITTING BIDS.
- THE CONTRACTOR SHALL MAINTAIN A COMPLETE SET OF CONSTRUCTION DOCUMENTS, SPECIFICATIONS, SHOP DRAWINGS, ADDENDUMS AND CHANGE ORDERS ON THE JOB SITE.
- THE ELECTRICAL CONTRACTOR SHALL NOTIFY THE PROJECT MANAGER AND ARCHITECT SHOULD A CONFLICT EXIST BETWEEN THESE DRAWINGS AND THE ACTUAL FIELD CONDITIONS.
- COORDINATE THE INSTALLATION OF THE ELECTRICAL SYSTEMS WITH ALL PROJECT TRADES AND NOTIFY THE PROJECT MANAGER IF A CONFLICT EXISTS.
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE A WARRANTY FOR THE ELECTRICAL WORK INCLUDING MATERIALS, EQUIPMENT AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR AFTER ACCEPTANCE OF THE PROJECT BY THE OWNER. NO ADDITIONAL COST FOR LABOR OR REPLACEMENT OF PARTS, MATERIALS AND EQUIPMENT SHALL BE INCURRED BY THE OWNER.
- RETURN OPERATING MANUALS, COPIES OF SHOP DRAWINGS, BROCHURES AND EQUIPMENT WARRANTIES TO THE OWNER AT THE COMPLETION OF THE PROJECT.
- MAINTAIN AND UPDATE DAILY A COMPLETE SET OF AS-BUILT ELECTRICAL DOCUMENTS AND RETURN TO THE PROJECT MANAGER AT THE END OF THE PROJECT.
- ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:
 - FIXED EQUIPMENT ON GRADE: 33 PERCENT OF OPERATING WEIGHT.
 - FIXED EQUIPMENT ON STRUCTURE: 40 PERCENT OF OPERATING WEIGHT.
 - FOR FLEXIBLY MOUNTED EQUIPMENT, USE 4 TIMES ABOVE VALUES. SIMULTANEOUS VERTICAL FORCE, USE ONE-THIRD TIMES HORIZONTAL FORCE.
- THESE NOTES DO NOT REPLACE BOOK SPECIFICATIONS. IF A CONFLICT IS FOUND, THE CONTRACTOR SHALL NOTIFY THE ENGINEER BEFORE PROCEEDING WITH WORK.

- EXISTING CONDITIONS**
- WHEN APPLICABLE, THE CONTRACTOR SHALL VERIFY EXISTING SITE AND NOTIFY THE PROJECT MANAGER IF A CONFLICT EXISTS.
 - NOTIFY UNDERGROUND DIG ALERT (811) TO IDENTIFY EXISTING UNDERGROUND STRUCTURES PRIOR TO BEGINNING UNDERGROUND WORK.

- REGULATIONS, CODES AND PERMITS**
- THE COMPLETE ELECTRICAL SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE 2013 CALIFORNIA ELECTRICAL CODE (CEC). REFER TO THE ARCHITECTURAL DRAWINGS FOR A LIST OF CODES THAT PERTAIN TO THIS PROJECT.
 - NOTHING ON THE DRAWINGS, GENERAL NOTES OR SPECIFICATIONS IS TO BE INTERPRETED AS PERMITTING WORK NOT CONFORMING WITH ANY CODE, REGULATION OR CITY ORDINANCES.

- MATERIALS**
- ELECTRICAL MATERIALS AND PARTS SHALL BE PROVIDED BY THE SAME MANUFACTURE FOR EACH CLASS OR GROUP OF MATERIALS.
 - ALL MATERIALS, PARTS AND EQUIPMENT SHALL BE NEW UNLESS OTHERWISE NOTED.

- SHOP DRAWINGS AND SUBSTITUTIONS**
- THE CONTRACTOR SHALL NOT RELEASE ELECTRICAL EQUIPMENT OR LIGHTING FIXTURES UNTIL SHOP DRAWINGS HAVE BEEN SUBMITTED AND REVIEWED.
 - PRODUCT SUBSTITUTIONS WILL ONLY BE ALLOWED AFTER THE PROJECT PLANS AND SPECIFICATIONS ARE BID AS SPECIFIED.
 - SUBSTITUTIONS WILL ONLY BE CONSIDERED DURING THE SHOP DRAWING PROCESS AND ONLY IF THE SUBMITTAL INCLUDES UNIT PRICES FOR EACH SPECIFIED AND ALTERNATE PRODUCTS AND A TOTAL PROJECT SAVINGS.

- SUBSTITUTION PRODUCTS SHALL BE EQUAL TO THE PERFORMANCE, QUALITY AND WORKMANSHIP OF THE SPECIFIED PRODUCT. WORKING SAMPLES MAY BE REQUIRED.
- SHOP DRAWINGS SHALL BE PROVIDED FOR THE FOLLOWING ITEMS: GENERAL ELECTRICAL MATERIALS, CONDUIT AND WIRE, SWITCHGEAR, PANELS, TRANSFORMERS, LIGHTING FIXTURES, LAMPS, CONTROL EQUIPMENT, AND SPECIAL SYSTEMS NOTED ON DRAWINGS OR SPECIFICATIONS.
- ELECTRICAL EQUIPMENT, PARTS AND MATERIALS SHALL BE RELEASED TO INSURE THE CONSTRUCTION SCHEDULE IS NOT JEOPARDIZED DUE TO LATE DELIVERIES.

- SERVICES**
- CONTRACTOR SHALL VERIFY THE AVAILABLE FAULT CURRENT WITH THE UTILITY COMPANY PRIOR TO SUBMITTING ELECTRICAL DISTRIBUTION EQUIPMENT SHOP DRAWINGS.

- SERVICE AND DISTRIBUTION EQUIPMENT**
- PANEL BOARDS WITH MOLDED CASE CIRCUIT BREAKERS SHALL BE PROVIDED WITH HINGED LOCKABLE DOORS THAT ARE KEYPED ALIKE, INDEX CARD HOLDERS AND PERMANENT DEVICE NUMBERS. PANELS SHALL BE AS MANUFACTURED BY SEIMENS, CUTLER-HAMMER OR EQUAL.
 - SEPARATE COMPARTMENTS ABOVE PANEL BOARDS SHALL BE PROVIDED FOR TIME CLOCKS, RELAYS ETC. AS REQUIRED.
 - REFER TO PANEL SCHEDULES FOR PANEL MOUNTING REQUIREMENTS, VOLTAGE AND INDIVIDUAL DEVICE REQUIREMENTS.
 - CIRCUIT BREAKERS SHALL BE BOLT-ON TYPE UNLESS OTHERWISE NOTED, WITH A MINIMUM GROUND FAULT RATING OF 10,000 AIC. FOR 120/208 SYSTEMS AND 14,000 AIC FOR 277/480 VOLT SYSTEMS.
 - NO PIPES, DUCTS OR EQUIPMENT FOREIGN TO THE ELECTRICAL SYSTEM SHALL BE PERMITTED TO BE LOCATED WITHIN THE DEDICATED SPACE ABOVE THE MAIN SWITCHBOARD, DISTRIBUTION OR ELECTRICAL PANELS.
 - MAIN SWITCHBOARD OVER-CURRENT DEVICE AND BUSSING SHALL BE RATED FOR 100 PERCENT OF CONTINUOUS OPERATION.
 - ALL SWITCHBOARD TERMINATIONS AND ENCLOSURES SHALL BE RATED FOR USE WITH 75 DEGREE CELSIUS CONDUCTORS.
 - THE MAIN SWITCHBOARD AND DISTRIBUTION PANEL BUSSING SHALL HAVE A WITHSTAND RATING EQUAL TO OR GREATER THAN THE AVAILABLE FAULT CURRENT RATING SHOWN ON THE DRAWINGS AND AT NO TIME LESS THAN 65,000 AMPS, RMS SYMMETRICAL. VERIFY THE FAULT CURRENT RATING THE UTILITY COMPANY REPRESENTATIVE AND UTILITY COMPANY ENGINEERED DOCUMENTS.

- BRANCH CIRCUITING**
- BRANCH CONDUIT AND WIRE HASH MARKS MAY NOT BE DEPICTED ON THE DRAWINGS. THE CONTRACTOR SHALL PROVIDE BRANCH CONDUITS AND WIRING TO ALL CIRCUITS INDICATED AND AS REQUIRED FOR A COMPLETE AND OPERABLE BRANCH CIRCUIT DISTRIBUTION SYSTEM IN ACCORDANCE WITH THE LATEST ADOPTED VERSION OF THE CALIFORNIA OR NATIONAL ELECTRICAL CODE.
 - MINIMUM CONDUCTOR SIZE SHALL BE #12 COPPER WITH A MINIMUM CONDUIT SIZE OF 3/4".
 - PROVIDE A GREEN GROUND CONDUCTOR IN ALL BRANCH CIRCUIT AND FEEDER CABLES OR CONDUITS.
 - AT THE END OF THE PROJECT, THE CONTRACTOR SHALL PROVIDE A DETAILED AS-BUILT DRAWING TO THE OWNER AND ENGINEER.

- OUTLET, JUNCTION AND PULL BOXES**
- BOXES OR SPLICE BOX ENCLOSURES SHALL BE SIZED AND INSTALLED IN ACCORDANCE WITH THE ELECTRICAL CODE ARTICLE 314. BOXES LOCATED OUTDOORS, WET OR DAMP LOCATIONS SHALL BE WEATHERPROOF.
 - THE MINIMUM SIZE UNDERGROUND PULL BOXES SHALL BE 11"x18"x12" DEEP WITH BOLT DOWN COVERS LABELED TO INDICATE THE PULL BOX SYSTEM. PROVIDE TRAFFIC COVERS IN WALKS, DRIVEWAYS AND PARKING LOTS. OLDCASTLE PRECAST #51118B12AA OR EQUAL.
 - LARGE PULL BOXES SHALL BE SIZED IN ACCORDANCE WITH THE ELECTRICAL CODE REQUIREMENTS FOR CABLE PULLING, AND CONDUIT SIZE. OLDCASTLE PRECAST OR APPROVED EQUAL.
 - JUNCTION, OUTLET AND PULL BOXES SHALL BE PERMANENTLY MARKED INDICATING THE ELECTRICAL AND CIRCUITS INSTALLED.

- CONDUIT**
- ELECTRICAL METALLIC TUBING UP TO 4" SHALL BE USED AS PERMITTED BY THE ELECTRICAL CODE.

- PVC SCHEDULE 40 CONDUITS SHALL BE USED FOR UNDERGROUND INSTALLATIONS WHEN CONDUIT IS IN CONTACT WITH EARTH.
- RIGID GALVANIZED CONDUIT SHALL BE USED IN WET OR DAMP AREAS, ON ROOFS, EMBEDDED IN CONCRETE OR MASONRY WALLS AND EXPOSED IN ALL AREAS WHERE CONDUIT IS EXPOSED TO PHYSICAL DAMAGE.
- THE MINIMUM CONDUIT SIZE PERMITTED SHALL BE 3/4".
- PROVIDE GALVANIZED SEAMLESS COUPLINGS AND CONNECTORS (COMPRESSION TYPE) WITH FACTORY APPLIED INSULATED THROAT. DEVICES SHALL BE USED IN ACCORDANCE WITH THE ARTICLE 358 - ELECTRICAL METALLIC TUBING.
- CONDUITS INSTALLED UNDER GROUND SHALL BE INSTALLED A MINIMUM OF 18" BELOW FINISHED GRADE. CONDUITS INSTALLED UNDER STREETS AND PARKING AREAS SHALL BE INSTALLED 24" BELOW FINISHED GRADE.
- PROVIDE A CODE SIZED COPPER GROUND CONDUCTOR IN ALL UNDERGROUND PVC CONDUIT SYSTEMS AND ALL ELECTRICAL METALLIC RACEWAY SYSTEMS.
- EXPOSED CONDUIT SHALL BE INSTALLED PARALLEL TO AND AT RIGHT ANGLES WITH THE BUILDING OR STRUCTURE. EXPOSED CONDUITS SHALL BE GALVANIZED WHEN INSTALLED BELOW 9 FEET. EXPOSED CONDUITS ARE NOT APPROVED IN PUBLIC AREAS.
- EXPOSED CONDUITS THAT PENETRATE WALLS OR CEILINGS SHALL BE MADE WITH 90 DEGREE "L" CONDUIT BODIES FOR EMT OR RIGID CONDUITS AT PENETRATION POINTS. CONDUIT SWEEP PENETRATIONS ARE NOT ACCEPTABLE.
- CONDUIT INSTALLED WITHOUT CONDUCTORS SHALL BE INSTALLED WITH PULL ROPES, CONDUIT CAPS AND PERMANENTLY LABELED TO ITS DESTINATION AND SYSTEM.

- CONDUCTORS & WIRING**
- ALL CONDUCTORS SHALL BE COPPER WITH AMPACITY RATINGS IN ACCORDANCE WITH ARTICLE 310.15 AND TABLE 310.16.
 - ALUMINUM CONDUCTORS ARE NOT APPROVED FOR THIS PROJECT.
 - CONDUCTORS SHALL BE CODE GRADE THHN/THWN (DRY/WET) 600 VOLT 75 DEGREE C. COPPER WITH MARKINGS (24" O.C.) INDICATING MANUFACTURE, WIRE TYPE, AMPERAGE AND SIZE.
 - THE MINIMUM WIRE SIZE SHALL BE #12 AWG SOLID. WIRE SIZE #8 AND LARGER SHALL BE COPPER STRANDED.
 - SOLDERLESS CONNECTORS AND TERMINALS SHALL BE USED FOR TERMINATING STRANDED CONDUCTORS #8 AND LARGER. APPROVED MANUFACTURERS ARE BURNDY OR T&B.
 - BRANCH CIRCUIT AND FIXTURE WIRING, SPLICES AND TAPS FOR CONDUCTORS #10 AND SMALLER SHALL BE MADE WITH UL LISTED 600 VOLT CONNECTORS AS MANUFACTURED BY IDEAL OR SCOTCHLOCK.
 - CONDUCTORS IN PANELS, TERMINAL CABINETS, PULL BOXES AND WIRING GUTTERS SHALL BE NEATLY GROUPED AND TAPES TOGETHER WITH 3M "SCOTCH" #33 PLASTIC ELECTRICAL TAPE OR T&B #17-RAP CABLE STRAPS.
 - REMOVE ALL DEBRIS AND MOISTURE FROM CONDUITS, BOXES AND CABINETS BEFORE THE INSTALLATION OF CONDUCTORS.
 - WHEN REQUIRED MINERALAC OR UNSEED SOAP ARE APPROVED WIRE PULLING COMPOUNDS. OIL GREASE OR SIMILAR SUBSTANCES ARE NOT APPROVED AS PULLING COMPOUNDS.
 - ALL CONDUCTORS SHALL BE PERMANENTLY TAGGED TO INDICATE SYSTEM OR CIRCUIT NUMBER.
 - LOW VOLTAGE CONDUCTORS FOR CONTROL SYSTEMS REQUIRING LOW VOLTAGE CONTROL SIGNALS SHALL SIZED IN ACCORDANCE TO SPECIFIC SYSTEM REQUIREMENTS.
 - CONNECTIONS OR SPLICES LOCATED IN PULL BOXES OR OTHER SPACE BELOW GRADE SHALL BE WEATHERPROOF. #8 CONDUCTORS AND SMALLER SHALL USE SCOTCHLOCK CONNECTORS IMBEDDED WITHIN A "UNIPAK" 3M SCOTCHCAST EPOXY TYPE RESIN. #6 AND LARGER SHALL USE "HI-PRESS" HYDRAULICALLY COMPRESSED HEAVY WALL CONNECTOR AS MANUFACTURED BY THOMAS & BETTS #HS-LR OR RAYCHEM #MWTM OR #WCSM SERIES PRE-APPLIED SEALANT. POLYLEFIN HEAT SHRINKABLE TUBE INSULATOR FOR EACH CONDUCTOR OR COLD SHRINK TUBE INSULATORS RAYCHEM #RVS.
 - BOLT TYPE SOLDERLESS CONNECTORS SHALL BE TIGHTEN TWICE AT 24 AND 48 HOURS AFTER THE ORIGINAL INSTALLATION AND BEFORE TAPING.

TYPE	SYMBOL	FIXTURE MANUFACTURE / MODEL NUMBER	VOLTAGE	LAMPS		DESCRIPTION AND NOTES	MOUNTING		
				QTY.	TYPE		TO	TYPE	HEIGHT
A1	⊕	MUSCO LIGHT STRUCTURE GREEN SERIES	208, 3-PH.	3	1500WMH	70" POLE SPORTS LIGHT WITH (3) LIGHT FIXTURES - CONTACT MUSCO LIGHTING FOR ALL REQUIRED COMPONENTS FOR COMPLETE INSTALL	POLE	CONCRETE BASE	70'-0" A.F.G.
A2	⊕	MUSCO LIGHT STRUCTURE GREEN SERIES	208, 3-PH.	3	1500WMH	70" POLE SPORTS LIGHT WITH (3) LIGHT FIXTURES - CONTACT MUSCO LIGHTING FOR ALL REQUIRED COMPONENTS FOR COMPLETE INSTALL	POLE	CONCRETE BASE	70'-0" A.F.G.
B1	⊕	MUSCO LIGHT STRUCTURE GREEN SERIES	208, 3-PH.	3	1500WMH	70" POLE SPORTS LIGHT WITH (5) LIGHT FIXTURES - CONTACT MUSCO LIGHTING FOR ALL REQUIRED COMPONENTS FOR COMPLETE INSTALL	POLE	CONCRETE BASE	70'-0" A.F.G.
B2	⊕	MUSCO LIGHT STRUCTURE GREEN SERIES	208, 3-PH.	5	1500WMH 1500WMH	70" POLE SPORTS LIGHT WITH (5) LIGHT FIXTURES - CONTACT MUSCO LIGHTING FOR ALL REQUIRED COMPONENTS FOR COMPLETE INSTALL	POLE	CONCRETE BASE	70'-0" A.F.G.
C1	⊕	MUSCO LIGHT STRUCTURE GREEN SERIES	208, 3-PH.	4	1500WMH	70" POLE SPORTS LIGHT WITH (4) LIGHT FIXTURES - CONTACT MUSCO LIGHTING FOR ALL REQUIRED COMPONENTS FOR COMPLETE INSTALL	POLE	CONCRETE BASE	70'-0" A.F.G.
C2	⊕	MUSCO LIGHT STRUCTURE GREEN SERIES	208, 3-PH.	4	1500WMH	70" POLE SPORTS LIGHT WITH (4) LIGHT FIXTURES - CONTACT MUSCO LIGHTING FOR ALL REQUIRED COMPONENTS FOR COMPLETE INSTALL	POLE	CONCRETE BASE	70'-0" A.F.G.

LIGHTING FIXTURE SCHEDULE

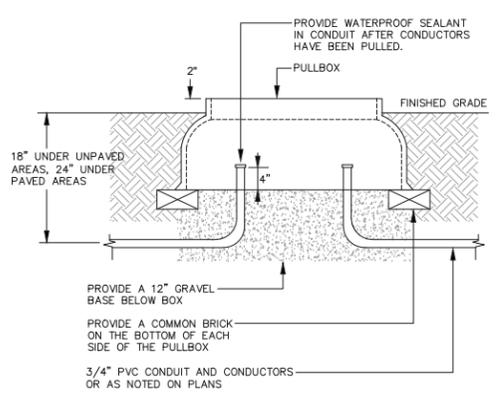
SCALE: NTS 3

- ⊕ JUNCTION BOX - ACCESSIBLE FOR THE APPLICATION SHOWN ON THE DRAWINGS
- PULL BOX - INGROUND OR AS NOTED
- ▭ SURFACE MOUNTED PANELBOARD - REFER TO PANEL SCHEDULE AND GENERAL NOTES
- ▭ SURFACE MOUNTED SWITCHBOARD/DISTRIBUTION PANELBOARD - REFER TO PANEL SCHEDULE AND GENERAL NOTES
- ▭ SURFACE MOUNTED COMMUNICATIONS BACKBOARD - AC GRADE OR BETTER, VOID-FREE, 4"x8" SHEETS OF 3/4" PLYWOOD. PLYWOOD SHEETS SHALL BE MOUNTED VERTICALLY FROM CEILING HEIGHT TOWARDS FLOOR. PLYWOOD MUST BE PAINTED ON ALL SIDES WITH ONE COAT OF PRIMER AND TWO COATS OF WHITE FIRE RESISTANT PAINT. THE PLYWOOD SHOULD BE INSTALLED WITH THE GRADE 'C' SURFACE FACING THE WALL. PROVIDE #6 CU. GROUND TO BUILDINGS GROUNDING ELECTRODE SYSTEM.
- T DRY TYPE TRANSFORMER - REFER TO SINGLE LINE DIAGRAM, ELECTRICAL PLANS AND GENERAL NOTES
- 'A'-2,4,6 CIRCUIT HOME RUN TO PANEL "A" CIRCUITS 2,4,6 - HASH MARKS INDICATE NUMBER OF CONDUCTORS. NO HASH MARKS INDICATE ONE PHASE CONDUCTOR AND ONE NEUTRAL CONDUCTOR. PROVIDE CODE SIZED COPPER BOND CONDUCTOR AS REQUIRED AND REFER TO THE GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.
- ▭ CONDUIT CONCEALED WITHIN BUILDING WALLS OR CEILING SPACE. HASH MARKS INDICATE QUANTITY OF CONDUCTORS. NO HASH MARKS INDICATE ONE PHASE CONDUCTOR AND ONE NEUTRAL CONDUCTOR. PROVIDE CODE SIZED COPPER BOND CONDUCTOR AS REQUIRED AND REFER TO THE GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.
- ▭ CONDUIT CONCEALED BELOW GRADE OR IN CONCRETE SLAB. HASH MARKS INDICATE QUANTITY OF CONDUCTORS. NO HASH MARKS INDICATE ONE PHASE CONDUCTOR AND ONE NEUTRAL CONDUCTOR. PROVIDE CODE SIZED COPPER BOND CONDUCTOR AS REQUIRED AND REFER TO THE GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.
- ⊕ DISCONNECT SWITCH - FUSED AND H.P. RATED PER MANUFACTURERS REQUIREMENTS OF EQUIPMENT BEING SERVED.
- A/2 LIGHT FIXTURE CALL OUT - NUMBER INDICATES THE QUANTITY OF LIGHTS, REFER TO THE LIGHT FIXTURE SCHEDULE FOR FIXTURE SPECIFICATION.
- ⊕ UTILITY COMPANY METER, PROVIDE METER SOCKET AND CURRENT TRANSFORMERS PER UTILITY COMPANY REQUIREMENTS.
- ⊕ DRY TYPE TRANSFORMER - REFER TO SINGLE LINE DIAGRAM AND GENERAL NOTES FOR SPECIFICATIONS.
- ⊕ SYSTEM GROUND IN ACCORDANCE WITH ELECTRICAL CODE ARTICLE #250
- ⊕ CIRCUIT BREAKER, SIZE AS NOTED
- ⊕ BUS BAR
- ⊕ LANDING LUGS

- AFF - ABOVE FINISH FLOOR OR GRADE
 AWG - AMERICAN WIRE GAUGE
 AMP, A - AMPERES
 AIC - INTERRUPTING CAPACITY (SYMMETRICAL)
 CIRC, CKT - CIRCUIT
 CB - CIRCUIT BREAKER
 CU - CONDUIT CONDUIT ONLY
 CEC - CALIFORNIA ELECTRICAL CODE
 CO - COPPER
 DWG - DRAWING
 EC - ELECTRICAL CONTRACTOR
 EMT - ELECTRICAL METALLIC TUBING
 EG - EQUIPMENT GROUND (GREEN)
 FLA - FULL LOAD AMPS
 GRN - GROUND
 JB - JUNCTION BOX
 K - KELVIN
 KVA - KILOVOLT AMPERES
 KW - KILOWATT
 LCL - LONG CONTINUOUS LOAD
 LGT - LIGHT, LIGHTS, LIGHTING
 MCB - MAIN CIRCUIT BREAKER
 MIN - MINIMUM
 MLO - MAIN LUGS ONLY
 MCM, KMIL - THOUSAND CIRCULAR MILS
 MFOR - MANUFACTURER
 MTD, MTO - MOUNTED, MOUNTING
 NEC - NATIONAL ELECTRICAL CODE
 NTS - NOT TO SCALE
 P - POLE
 PB - PULL BOX
 PH - PHASE
 PVC - POLYVINYL CHLORIDE CONDUIT
- TYP - TYPICAL
 UGPS - UNDERGROUND PULL SECTION
 V - VOLTS
 VA - VOLT AMPERES
 WP - WEATHERPROOF
 W - WIRE
 XFMR - TRANSFORMER

ABBREVIATIONS

SCALE: NTS 2



- NOTES:
- CONDUIT RUNS SHALL BE A MAXIMUM 200' BETWEEN PULLBOXES.
 - PLANS ARE DIAGRAMMATIC AND MAY INDICATE A DAISY CHAIN CIRCUITING PATTERN. CONTRACTOR SHALL USE THIS METHOD IF FIXTURES ALLOW FOR SUCH INSTALLATION OR PROVIDE THE NECESSARY PULLBOXES AS REQUIRED IN THIS DETAIL WHEN FIXTURES DO NOT ALLOW FOR SUCH INSTALLATION.

ELECTRICAL GENERAL NOTES

SCALE: NTS 5

LEGEND

SCALE: NTS 4

INGROUND PULLBOX DETAIL

SCALE: NTS 1



MIRIC ENGINEERING, INC.
 Professional Engineers & Lighting Consultants
 o: 760-340-9005 f: 760-340-9100
 PALM DESERT | SANTA ANA | SAN DIEGO

Project Number: 1509400

INTERACTIVE DESIGN CORPORATION
 199 S. Civic Drive, Ste. 10, Palm Springs, California 92262
 T: 760/323-4990 Email: mail@interactivedesigncorp.com

REUEL A. YOUNG, ARCHITECT DATE

CITY OF PALM SPRINGS PUBLIC WORKS DEPARTMENT

APPROVED BY: _____ CITY ENGINEER DATE _____

REF.	DESCRIPTION	APPR.	DATE
Δ	PC CORRECTIONS		06NOV15

CITY OF PALM SPRINGS
J.O.J. HIGHLAND UNITY CENTER NEW
OUTDOOR BALLFIELD LIGHTING
 ELECTRICAL GENERAL NOTES, LEGEND, ABBREVIATIONS AND SCHEDULES

PROJECT NO. 1502
 DRAWING NO. E3
 SHEET NO. 4 OF 6
 November 18, 2015



Control System Summary

Project Specific Notes:

Project Information
 Project #: 175640
 Project Name: Desert Highland Park Softball
 Date: 08/21/15
 Project Engineer: RMarsh
 Sales Representative: Mike Higgins
 Control System Type: Control and Monitoring
 Communication Type: Digital Cellular
 Scan: 175640
 Document ID: 175640P1V1-082103747
 Distribution Panel Location or ID: Softball Field
 Total # of Distribution Panel Locations for Project: 1
 Design Voltage/Hz/Phase: 208/60/3
 Control Voltage: 120

Equipment Listing

DESCRIPTION	APPROXIMATE SIZE
1, Control and Monitoring Cabinet	24 X 48

DESCRIPTION	QTY	SIZE
Total Contactors	4	30 AMP
Total Contactors	2	60 AMP
Total Off/On/Auto Switches:	1	60 AMP

Materials Checklist

Contractor/Customer Supplied:

- A single control circuit must be supplied per distribution panel location.
- If the control voltage is NOT available, a control transformer is required.
- Electrical distribution panel to provide overcurrent protection for circuits.
- Thermal/Magnetic circuit breaker sized per full load amps on Circuit Summary by Zone Chart.
- Wiring:
 - Dedicated control power circuit
 - Power circuit to and from lighting contactors
 - Harnesses for cabinets at remote locations
 - Means of grounding, including lightning ground protection
- Electrical conduit wireway system
 - Entrance hubs rated NEMA 4, must be die-cast zinc, PVC, or copper-free die-cast aluminum
- Mounting hardware for cabinets
- Control circuit lock-on device to prevent unauthorized power interruption to control power
- Anti-corrosion compound to apply to ends of wire, if necessary

Call Control-Link Central™ operations center at 877/347-3319 to schedule activation of the control system upon completion of the installation. Note: Activation may take up to 1 1/2 hours

IMPORTANT NOTES

1. Please confirm that the design voltage listed above is accurate for this facility. Design voltage/phase is defined as the voltage/phase being connected and utilized at each lighting pole's ballast enclosure disconnect. Inaccurate design voltage/phase can result in additional costs and delays. Contact your Musco sales representative to confirm this item.
2. In a 3 phase design, all 3 phases are to be run to each pole. When a 3 phase design is used Musco's single phase luminaires come pre-wired to utilize all 3 phases across the entire facility.
3. One contactor is required for each pole. When a pole has multiple circuits, one contactor is required for each circuit. All contactors are UL 100% rated for the published continuous load. All contactors are 3 pole.
4. If the lighting system will be fed from more than one distribution location, additional equipment may be required. Contact your Musco sales representative.
5. A single control circuit must be supplied per control system.
6. Size overcurrent devices using the full load amps column of the Circuit Summary By Zone chart. Minimum power factor is 0.9.

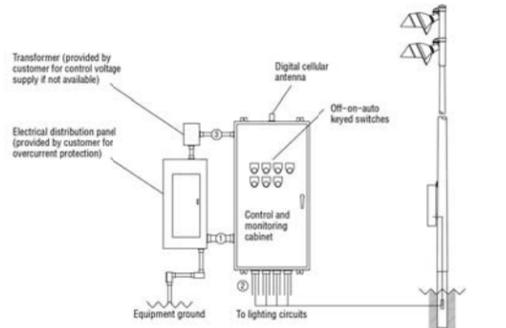
NOTE: Refer to Installation Instructions for more details on equipment information and the installation requirements



Control System Summary

Desert Highland Park Softball / 175640 - 175640
 Softball Field - Page 2 of 4

Control-Link. Control and Monitoring System



Wire	Description	# of Wires	Typ. Wire Size (AWG)	Max. Wire Length (FT)	Wire from Musco	Notes
1	Line power to contactor, and equipment grounding conductor	3	12	N/A	No	A-E
2	Load power to lighting circuits	3	12	N/A	No	A-D
3	Control power (dedicated, 20A)	3	12	N/A	No	C, D

- Notes:
- A. Voltage and phasing per the notes on cover page.
 - B. Calculate per load and voltage drop.
 - C. All conduit diameters should be per code.
 - D. Refer to control and monitoring system installation instructions for more details on equipment information and the installation requirements.
 - E. Contact Musco if maximum wire length from circuit breaker to contactor exceeds value in chart.

IMPORTANT: Control (3) wires must be in separate conduit from line and load power wiring (1, 2).



Control System Summary

Desert Highland Park Softball / 175640 - 175640
 Softball Field - Page 3 of 4

SWITCHING SCHEDULE

Field/Zone Description	Zones
Softball	1

CONTROL POWER CONSUMPTION	
120V Single Phase	
VA loading of Musco Supplied Equipment	(INRUSH): 2058.0 SEALED: 246.8

BALLAST SPECIFICATIONS	VOLTAGE: 208v THREE PHASE					
90 Minimum Power Factor						
BALLAST OPERATING VOLTAGE	208	220	240	277	347	480
1500 Watt Metal Halide Lamp	8.6	8.3	7.5	6.5	5.1	4.7
Operating line amperage per fixture-maximum						
1000 Watt Metal Halide Lamp	6.5	6.4	5.8	4.9	4.0	3.6
Operating line amperage per fixture-maximum						

CIRCUIT SUMMARY BY ZONE						
POLE	CIRCUIT DESCRIPTION	# OF FIXTURES	FULL LOAD AMPS	CONTACTOR SIZE (AMPS)	CONTACTOR ID	ZONE
A1	Softball	3	17.2	30	C1	1
A2	Softball	3	17.2	30	C2	1
B1	Softball	5	34.4	60	C3	1
B2	Softball	5	34.4	60	C4	1
C1	Softball	4	25.8	30	C5	1
C2	Softball	4	25.8	30	C6	1



Control System Summary

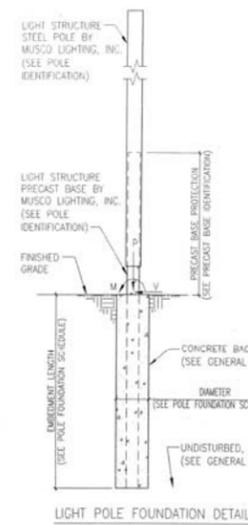
Desert Highland Park Softball / 175640 - 175640
 Softball Field - Page 4 of 4

PANEL SUMMARY

CABINET #	CONTROL MODULE LOCATION	CONTACTOR ID	CIRCUIT DESCRIPTION	FULL LOAD AMPS	DISTRIBUTION PANEL ID (BY OTHERS)	CIRCUIT BREAKER POSITION (BY OTHERS)
1	1	C1	Pole A1	17.20		
1	1	C2	Pole A2	17.20		
1	1	C3	Pole B1	34.40		
1	1	C4	Pole B2	34.40		
1	1	C5	Pole C1	25.80		
1	1	C6	Pole C2	25.80		

ZONE SCHEDULE

ZONE	SELECTOR SWITCH	ZONE DESCRIPTION	CIRCUIT DESCRIPTION	
			POLE ID	CONTACTOR ID
Zone 1	1	Softball	A1	C1
			A2	C2
			B1	C3
			B2	C4
			C1	C5
			C2	C6



POLE FOUNDATION SCHEDULE					
ASD GROUNDLINE FORCES (MAX)			C.L.P. DEEP FOUNDATION		
TYPE	MOMENT (M) KIP-FT	SHEAR (V) KIPS	VERTICAL (P) KIPS	DIAMETER INCHES	EMBEDMENT FEET
LSS70-A	50.37	1.353	1.353	30"	12'-0"
LSS70-B	64.36	1.579	1.674	30"	12'-0"

POLE IDENTIFICATION					
LOCATION	MARK	POLE TYPE	PRECAST BASETYPE	FIXTURE CONFIGURATION (FIXTURES PER CROSSARM)	FIXTURE EPA (MAX)
A1, A2		LSS70-A	3B	3	6.3
B1, B2		LSS70-B	3B	5	10.0
C1, C2		LSS70-B	3B	4	9.2

PRECAST BASE TYPE	WEIGHT LBS	OVERALL LENGTH FEET	HEIGHT ABOVE GRADE FEET	EMBEDMENT IN PER FEET	OUTSIDE DIAMETER INCHES
3B	2,672	20'-0"	8'-0"	12'-0"	13.38"

STATEMENT OF SPECIAL INSPECTIONS*		
Item	Continuous/Periodic	Scope
1. Pier Foundations	Continuous	Inspect installation of drilled pier foundations. Verify diameter, embedment depths as scheduled, depth of fill, and bearing strata.
2. Concrete Mix Design	Periodic	Review concrete batch tickets and verify compliance with approved mix design.
3. Concrete Placement	Continuous	Inspect placement of concrete for proper application techniques. Verify that concrete conveyance and depositing avoids segregation or contamination. Verify that concrete is properly consolidated.
4. Sampling and Testing of Concrete	Continuous	At the time fresh concrete is sampled to fabricate specimens for strength tests, perform slump and air content tests, and determine temperature of concrete.
5. Cures (Precast/Prestressed concrete)	(PCI Certified)	Fabricator Exempt.**
6. Structural steel	(S.A. City Approved)	Fabricator Exempt.** Review certified mill test reports and identification markings.

* The Special Inspector shall be a qualified person who shall demonstrate competence to the satisfaction of the Building Official, for inspection of the particular type of construction or operation requiring special inspection.
 **Special Inspections shall not be required when the work is done on the premises of a fabricator registered and approved by the City to perform such work without special inspection.

GENERAL NOTES

ALL CONSTRUCTION AND WORKMANSHIP SHALL CONFORM TO THE AMERICAN BUILDING CODE, 2013 EDITION.

WIND: ASCE 7-10, VENTILATION (EXPOSURE C), VENTILATION (EXPOSURE C), RISK CATEGORY-II, SEISMIC: S-C-2.2D, S-1.7B, S-1.4B, S-1.1B, RISK CATEGORY-II, I-II-E, SITE CLASS-D, E=1.5

SEISMIC DESIGN CATEGORY: SEISMIC FORCE RESISTING SYSTEM: NON-DUCTILE STRUCTURE NOT SIMILAR TO BUILDINGS, ANALYSIS PROCEDURE-EQUIVALENT LATERAL FORCE PROCEDURE.

REFERENCE POLE LOCATION DRAWING FOR ACTUAL POLE LOCATION AND SITE LOCATION. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION PROCEDURES AND SAFETY CONDITIONS AT THE JOB SITE.

SOIL DESIGN PARAMETERS

REFERENCE CHAPTER 14, SECTIONS 1806.1807, AND 1810 OF THE 2013 EDITION OF THE CALIFORNIA BUILDING CODE, ANSII/AISC 360-10.

ASSUMED ALLOWABLE END BEARING SOIL PRESSURE: 1,500 PSF (TABLE 1806.2) OR 250 PSF SKIN FRICTION (SECTION 1810.3.1.4).

ASSUMED ALLOWABLE LATERAL PASSIVE SOIL BEARING PRESSURE: 200 PSF/FT FOR ISOLATED POLES NOT ADVERSELY AFFECTED BY A 0.5 INCH MOTION AT THE GROUND SURFACE (SECTION 1806.3.4).

ASSUMED DESIGN SOIL PARAMETERS ARE AS NOTED. ACTUAL ALLOWABLE SOIL DESIGN PARAMETERS AT LEVEL OR SLOPING CONDITIONS (IF ANY) MUST BE VERIFIED BY A GEOTECHNICAL ENGINEER.

ENCOUNTERING SOIL FORMATIONS THAT WILL REQUIRE SPECIAL DESIGN CONSIDERATIONS OR EXCAVATION PROCEDURES MAY EXIST. POLE FOUNDATIONS MAY NEED TO BE REANALYZED ACCORDING TO THE SOIL CONDITIONS THAT EXIST.

IF ANY DISCREPANCIES OR INCONSISTENCIES ARISE, NOTIFY THE ENGINEER OF SUCH DISCREPANCIES. FOUNDATIONS WILL THEN BE REVISED ACCORDINGLY.

ALL PRECAST BASES AND CONCRETE BACKFILL MUST BEAR ON AND AGAINST FIRM, UNDISTURBED SOIL OR AS APPROVED BY A GEOTECHNICAL ENGINEER.

ALL EXCAVATIONS MUST BE FREE OF LOOSE SOIL AND DEBRIS PRIOR TO FOUNDATION INSTALLATION AND PLACEMENT OF CONCRETE BACKFILL. CASING MAY BE REQUIRED IF CAVING OCCURS. IN SUCH A CASE, APPROVAL BY A GEOTECHNICAL ENGINEER IS REQUIRED.

ALL EXCAVATIONS MUST BE FREE OF WATER OR CONCRETE SHALL BE PLACED WITH A TREMIE PIPE IN ACCORDANCE WITH ACT STANDARD 30. CONCRETE PLACED BY THE TREMIE METHOD SHALL HAVE A MINIMUM ULTIMATE STRENGTH OF 1,000 PSI GREATER THAN REQUIRED UNDER "CONCRETE BACKFILL" BELOW.

CONCRETE BACKFILL

CONCRETE BACKFILL SHALL HAVE A MINIMUM ULTIMATE COMPRESSIVE STRENGTH AT 28 DAYS OF 3,000 PSI.

CONCRETE BACKFILL SHALL ATTAIN A MINIMUM STRENGTH OF 2,000 PSI PRIOR TO STEEL POLE ERECTION.

USE TYPE IV PORTLAND CEMENT OR AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER.

MIX IN CONFORMANCE WITH ASTM C-94

AGGREGATES PER ASTM C-33, (1" MAX AGG. SIZE)

PLACE CONCRETE IMMEDIATELY AFTER COMPLETION OF EXCAVATION. NO EXCAVATIONS SHALL BE LEFT UNPROTECTED OR OPEN OVERNIGHT.

CONCRETE SHALL BE PLACED IN ONE CONTINUOUS OPERATION (NO CONSTRUCTION JOINT) TO GRADE WITH SPECIAL EQUIPMENT, WITH A MAXIMUM FREE FALL OF 3 FT AND TO PREVENT CONCRETE FROM STRIKING THE SIDES OF THE EXCAVATION. VIBRATE FOR 3 FT.

MISCELLANEOUS

FIXTURES MUST BE LOCATED TO MAINTAIN 10" MINIMUM HORIZONTAL CLEARANCE FROM ANY OBSTRUCTION.

POLE FIXTURES, PRECAST BASES, ELECTRICAL ITEMS, PLATFORMS, SPECIFICATIONS, AND INSTALLATION PER MUSCO LIGHTING, INC.

FIXTURE: EPA = 2.3 MAX SQ FT, WEIGHT = 80 LBS PER MUSCO LIGHTING, INC.)

POLE SUPPORT FOUNDATION	MUSCO LIGHTING, INC. 2107 STEWART ROAD MUSCATINE, IOWA 52761	DATE: 08/24/2015 REV 09/22/15
DESERT HIGHLAND PARK FIELD LIGHTING PALM SPRINGS, CA	R. L. FOLEY & ASSOCIATES, INC. STRUCTURAL ENGINEERS 25652 ASHBY WAY LAKE FOREST, CA 92630 949-581-5212 949-581-3212	SHEET C1 OF 1

Don't Dig...Until You Call U.S.A. Toll Free 1-800-227-2600 for the location of buried utility lines. Don't disrupt vital services. TWO WORKING DAYS BEFORE YOU DIG



Project Number: 1509400
 Professional Engineers & Lighting Consultants
 o: 760-340-9005 f: 760-340-9100
 PALM DESERT | SANTA ANA | SAN DIEGO

INTERACTIVE DESIGN CORPORATION
 199 S. Civic Drive, Ste. 10, Palm Springs, California 92262
 T: 760/323-4990 Email: mail@interactivedesigncorp.com

CITY OF PALM SPRINGS PUBLIC WORKS DEPARTMENT

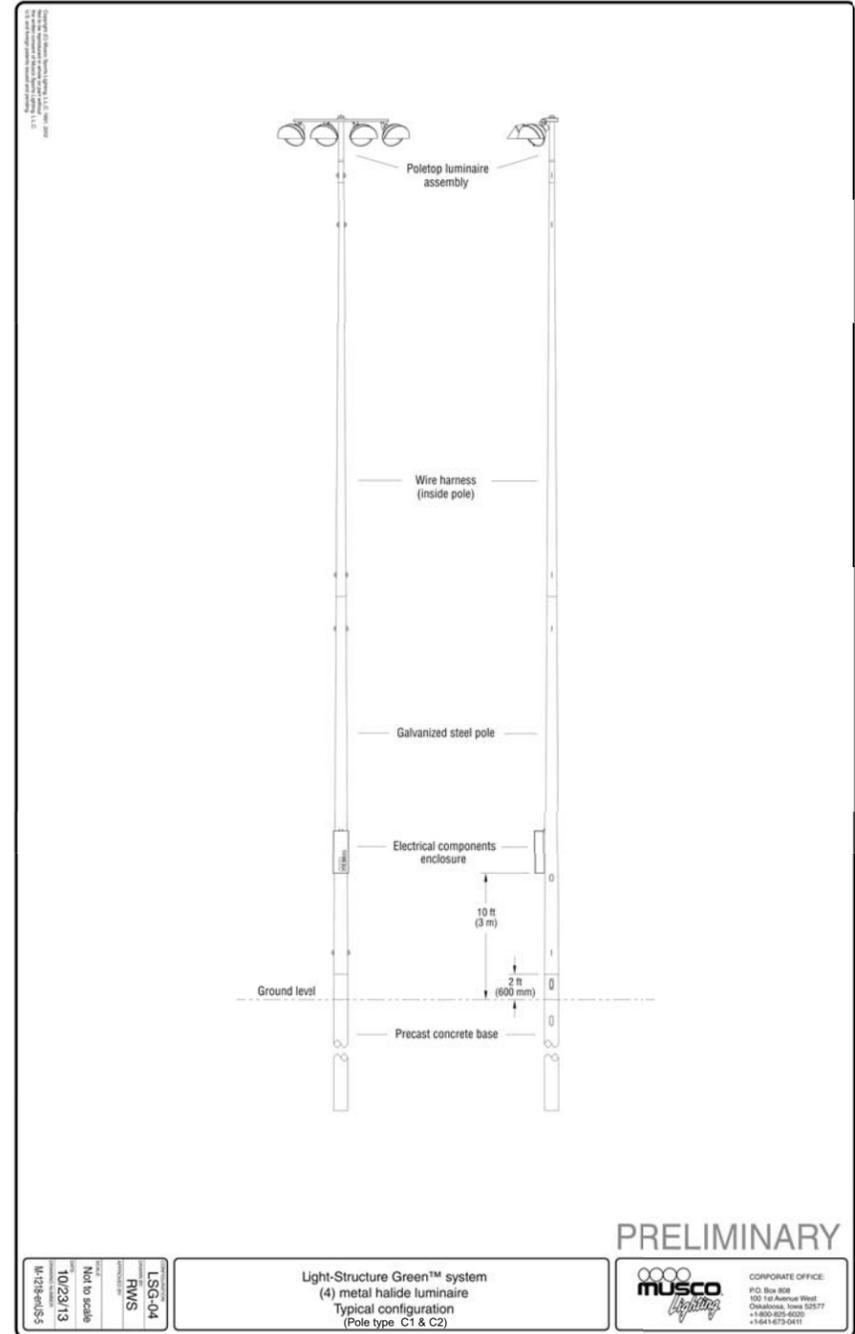
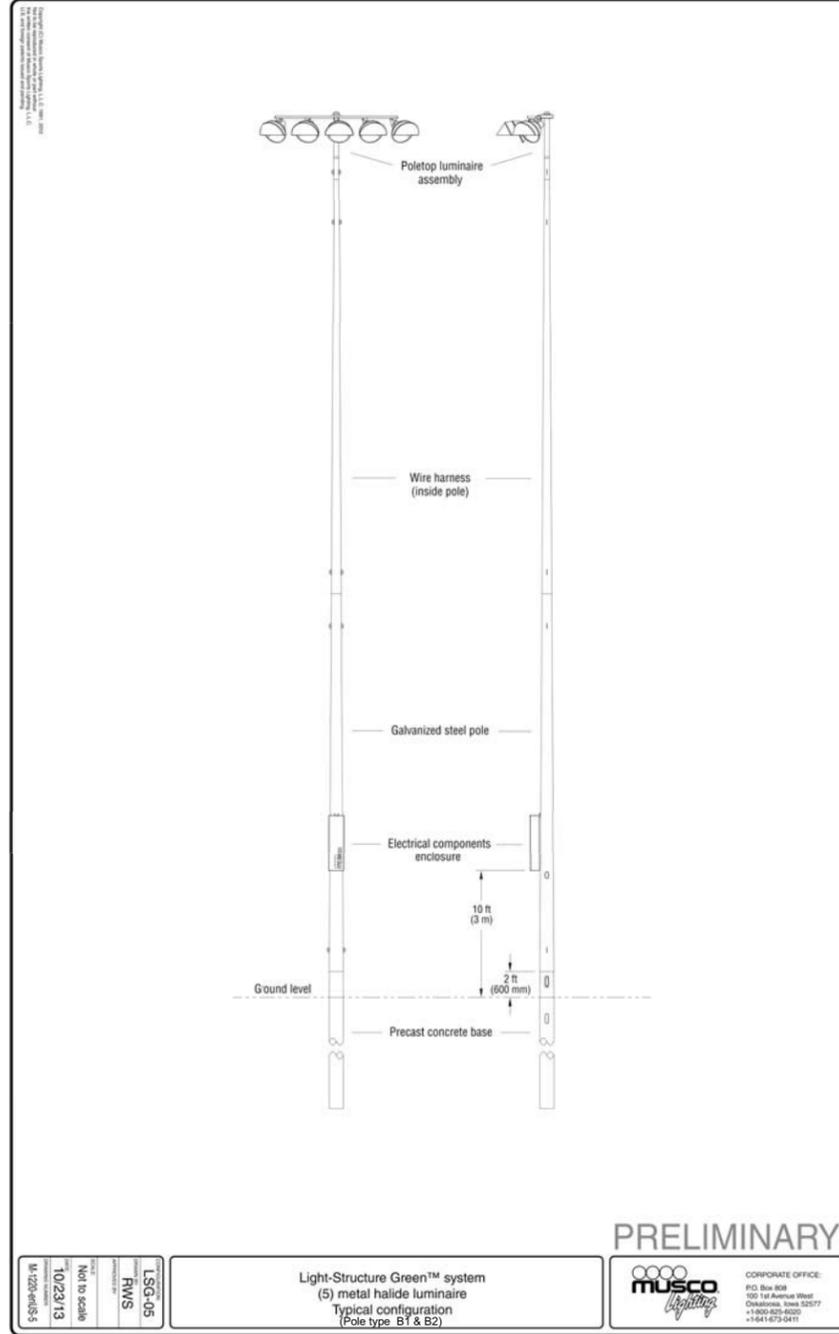
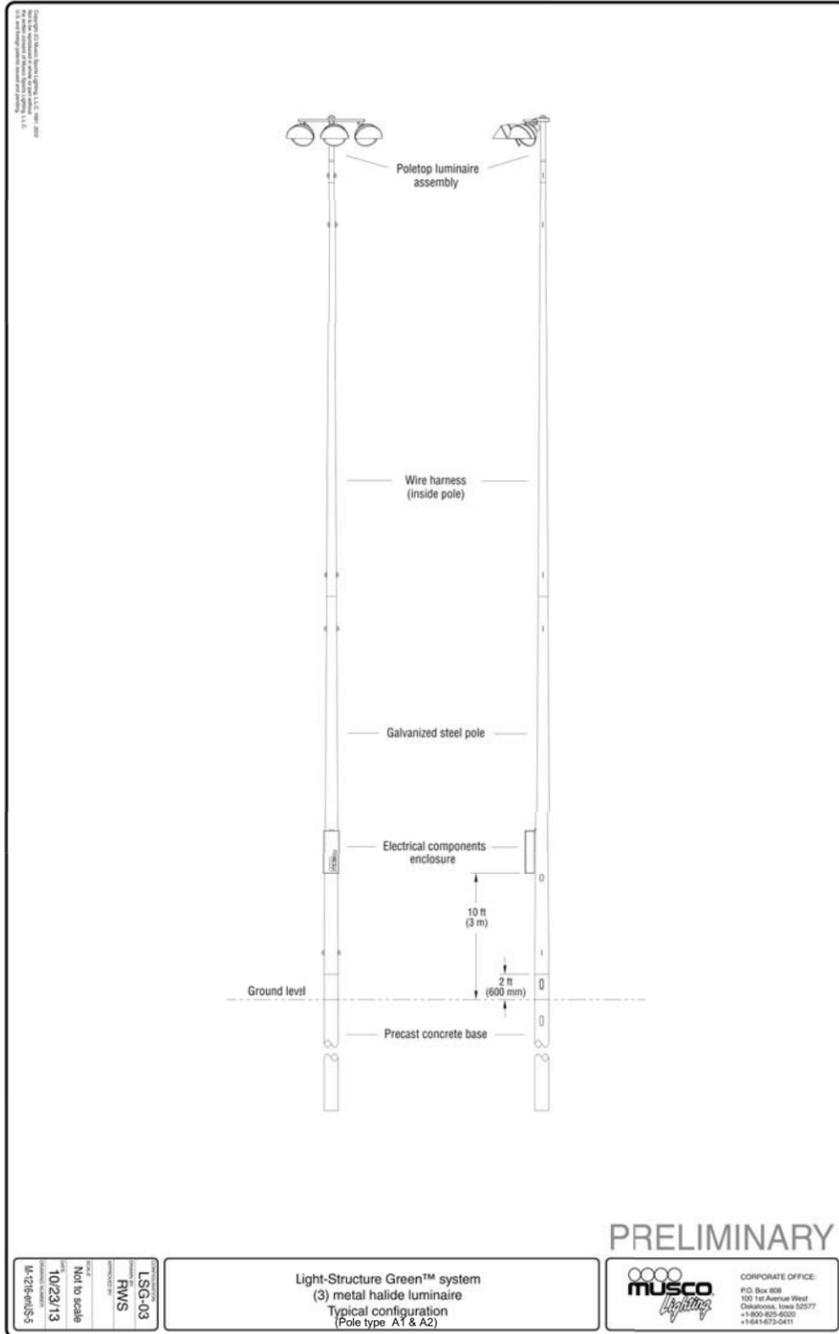
APPROVED BY: _____ CITY ENGINEER DATE _____

REVISIONS			
NO.	DESCRIPTION	APPR.	DATE
1	PC CORRECTIONS		06NOV15

CITY OF PALM SPRINGS

J.O.J. HIGHLAND UNITY CENTER NEW OUTDOOR BALLFIELD LIGHTING CONTROL SCHEDULE AND STRUCTURAL DETAIL

PROJECT NO. 1502
 DRAWING NO. E4
 SHEET NO. 5 OF 6
 November 18, 2015



Don't Dig...Until You Call U.S.A. Toll Free
1-800-227-2600
for the location
of buried
utility lines.
Don't disrupt
vital services.
TWO WORKING DAYS BEFORE YOU DIG

<p>Project Number: 15094100</p> <p>Professional Engineers & Lighting Consultants o: 760-340-9005 f: 760-340-9100 PALM DESERT SANTA ANA SAN DIEGO</p>	<p>INTERACTIVE DESIGN CORPORATION 199 S. Civic Drive, Ste. 10, Palm Springs, California 92262 T: 760/323-4990 Email: mail@interactivedesigncorp.com</p>	<p>CITY OF PALM SPRINGS PUBLIC WORKS DEPARTMENT</p> <p>APPROVED BY: _____ CITY ENGINEER DATE _____</p>	<table border="1"> <thead> <tr> <th>REF.</th> <th>DESCRIPTION</th> <th>APPR.</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>△</td> <td>PC CORRECTIONS</td> <td></td> <td>06NOV15</td> </tr> </tbody> </table>	REF.	DESCRIPTION	APPR.	DATE	△	PC CORRECTIONS		06NOV15	<p>CITY OF PALM SPRINGS</p> <p>J.O.J. HIGHLAND UNITY CENTER NEW OUTDOOR BALLFIELD LIGHTING</p> <p>Ben 3 - Handout Materials - LIGHT POLE ELEVATIONS</p>	<p>PROJECT NO. 1502 DRAWING NO. E5 SHEET NO. 6 OF 6 November 18, 2015</p>
				REF.	DESCRIPTION	APPR.	DATE						
△	PC CORRECTIONS		06NOV15										
<p>REUEL A. YOUNG, ARCHITECT DATE _____</p>	<p>CITY ENGINEER DATE _____</p>												

**MIZELL SENIOR CENTER
SHADE STRUCTURE
CITY PROJECT NO. 15-12**



**CITY OF PALM SPRINGS
DEPARTMENT OF PUBLIC WORKS &
ENGINEERING**

**GIANFRANCO LAURIE, P.E., T.E.
NOVEMBER 19, 2015**

SITE PLAN



SITE PHOTO'S



**MAIN ENTRANCE
NORTH VIEW**



**MAIN ENTRANCE
EAST VIEW**

SITE PHOTO'S

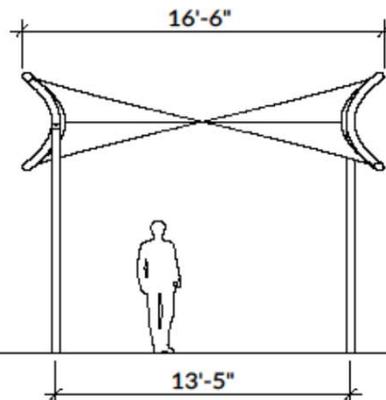
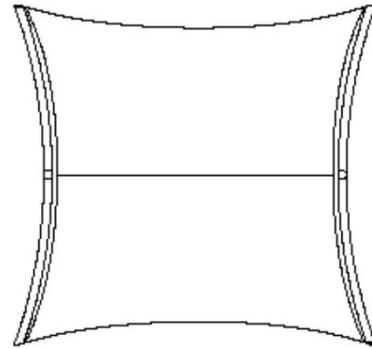


**SUNLINE BUS
LOADING ZONE**



**PROPOSED SHADE
STRUCTURE LOCATION**

FABRIC CANOPY SHADE STRUCTURE



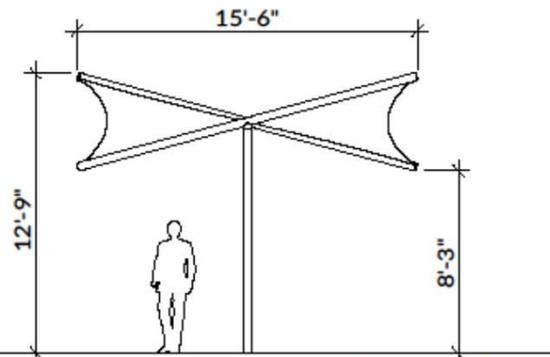
SPECIFICATIONS

SUNBIRD® I is engineered for Wind Exposure C, 90 mph (3 second gust) by ASCE 7-05, or 115 mph (ultimate 3 second gust) by ASCE 7-10. Not engineered for snow loads. Canopies must be removed prior to snow, and in advance of hurricanes and tornados.

Frame connection hardware and tensioning hardware are both Type 316L Stainless Steel.

Canopy is manufactured from the highest quality fire-retardant knitted HDPE fabric. Fabric complies with the following fire codes: ASTM E-84 Class A and NFPA 701-2004. Fabric is available in 19 colors with shade factors ranging between 66-97%.

Standard powder coating is available as well as Super Durable. Super Durable is AAMA 2604* compliant. *AAMA 2604-10 compliance dependent upon the color and/or effect.



NOTES: Dimensions are approximate and based upon the top of footing being set 6" below grade. Dimensions reflect standard column height. Extended height may be available.

TENSILE SHADE PRODUCTS, LLC
525 East Roger Road
Tucson, AZ 85705 U.S.A.
+1 520 903-9005
tensileshadeproducts.com



SUNBIRD® I
Shade Sculpture
©2006 TENSILE SHADE PRODUCTS, LLC



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FABRIC CANOPY SHADE STRUCTURE @ DEMUTH PARK COMMUNITY CTR. GARDEN



FABRIC CANOPY SHADE STRUCTURE @ DEMUTH PARK COMMUNITY CTR. GARDEN



FABRIC CANOPY SHADE STRUCTURE @ DEMUTH PARK COMMUNITY CTR. GARDEN



FABRIC CANOPY SHADE STRUCTURE @ DEMUTH PARK COMMUNITY CTR. GARDEN



ESTIMATE



City of Palm Springs
 Department of Public Works and Engineering
 Engineering Cost Estimate
 CP15-12 Mizell Senior Center Shade Structure

ITEM				UNIT	TOTAL
NO.	DESCRIPTION	QUANTITY	UNIT	PRICE	COST
1	FURNISH & INSTALL 16.5' (W) X 15.5' (L) X 10.5' (H) FABRIC CANOPY SHADE STRUCTURE	1	EA	\$8,270.00	\$8,270.00
2	POWDER COAT FABRIC CANOPY SHADE STRUCTURE POSTS & RAILINGS	1	LS	\$980.00	\$980.00
3	CONSTRUCT 5' (W) X 5' (L) X 1' (H) REINFORCED CONCRETE SPREAD FOOTINGS	2	CY	\$750.00	\$1,500.00
				SUBTOTAL	\$10,750.00
				MATERIAL & LABOR CONTINGENCY (15%)	\$1,612.50
				CONSTRUCTION SUBTOTAL	\$12,362.50
				PROJECT ADMINISTRATION (10%)	\$1,236.25
				CONSTRUCTION INSPECTION (20%)	\$2,472.50
				GRAND TOTAL	\$16,071.25
				AVAILABLE BUDGET	\$20,890.14
				REMAINING BALANCE	\$4,818.89

SCHEDULE



**MIZELL SENIOR CENTER SHADE STRUCTURE
CITY PROJECT NO. 15-12**

PROGRESS SCHEDULE

MILESTONES	DATES
MEASURE J COMMISSION - APPROVAL	NOVEMBER 19, 2015
COMPLETE CONTRACT BID DOCUMENTS	DECEMBER 14, 2015
AUTHORIZE RELEASE FOR BIDS	DECEMBER 17, 2015
BID OPENING	JANUARY 21, 2016
AWARD CONSTRUCTION CONTRACT	FEBRUARY 3, 2016
PRECONSTRUCTION MEETING	FEBRUARY 15, 2016
ISSUE NOTICE TO PROCEED	MARCH 1, 2016