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# Civic-Recreational-Industrial Authority



Regular Meeting Agenda  
January 8, 2020

9:00 a.m.

Chairman Larry Hartmann  
Vice Chairman John Karns  
Board Member Sean Lee  
Board Member Bob Lindsey  
Board Member Ronald Whittemore

Location: City Council Chamber, 15651 East Stafford Street  
City of Industry, California

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## **Addressing the Authority:**

- ▶ **Agenda Items:** Members of the public may address the Authority on any matter listed on the Agenda. In order to conduct a timely meeting, there will be a three-minute time limit per person for any matter listed on the Agenda. Anyone wishing to speak to the Authority is asked to complete a Speaker's Card which can be found at the back of the room and at each podium. The completed card should be submitted to the City Clerk prior to the Agenda item being called and prior to the individual being heard by the Authority.
- ▶ **Public Comments (Non-Agenda Items):** Anyone wishing to address the Authority on an item *not* on the Agenda may do so during the "Public Comments" period. In order to conduct a timely meeting, there will be a three-minute time limit per person for the Public Comments portion of the Agenda. State law prohibits the Authority from taking action on a specific item unless it appears on the posted Agenda. Anyone wishing to speak to the Authority is asked to complete a Speaker's Card which can be found at the back of the room and at each podium. The completed card should be submitted to the City Clerk prior to the Agenda item being called by the City Clerk and prior to the individual being heard by the Authority.

## **Americans with Disabilities Act:**

- ▶ In compliance with the ADA, if you need special assistance to participate in any City meeting (including assisted listening devices), please contact the City Clerk's Office (626) 333-2211. Notification of at least 48 hours prior to the meeting will assist staff in assuring that reasonable arrangements can be made to provide accessibility to the meeting.

## **Agendas and other writings:**

- ▶ In compliance with SB 343, staff reports and other public records permissible for disclosure related to open session agenda items are available at City Hall, 15625 East Stafford Street, Suite 100, City of Industry, California, at the office of the City Clerk during regular business hours, Monday through Thursday 8:00 a.m. to 5:00 p.m., Friday 8:00 a.m. to 4:00 p.m. Any person with a question concerning any agenda item may call the City Clerk's Office at (626) 333-2211.

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1. Call to Order
  2. Flag Salute
  3. Roll Call
  4. Public Comments

5. **CONSENT CALENDAR**

All matters listed under the Consent Calendar are considered to be routine and will be enacted by one vote. There will be no separate discussion of these items unless members of the Civic-Recreational-Industrial Authority (CRIA) Board, the public, or staff request specific items be removed from the Consent Calendar for separate action.

5.1 Update on the Expo Center

*RECOMMENDED ACTION: Receive and file.*

5.2 Consideration of the Register of Demands submitted by CNC Equestrian Management Services for the Industry Hills Expo Center for December 2019

*RECOMMENDED ACTION: Receive and file.*

5.3 Consideration of the Register of Demands submitted by the Finance Department for January 8, 2020

*RECOMMENDED ACTION: Approve the Register of Demands and authorize the appropriate personnel to pay the bills.*

5.4 Consideration of the minutes of the December 11, 2019 regular meeting

*RECOMMENDED ACTION: Approve as submitted.*

6. **BOARD MATTERS**

6.1 Presentation and discussion regarding the Civic-Recreational-Industrial Authority's Financial Report for October 31, 2019

*RECOMMENDED ACTION: Receive and file the report.*

6.2 Consideration of authorization to advertise for public bids for Lighting and Electrical Improvements – Expo Center Parking Lots for an estimated cost of \$546,500.00 (Contract No. EXPO-2126)

*RECOMMENDED ACTION: Approve the plans and specifications and authorize the advertising of receipt of electronic bids.*

7. Adjournment. Next regular meeting: Wednesday, February 12, 2020 at 9:00 a.m.

*CIVIC-RECREATIONAL-INDUSTRIAL AUTHORITY*

ITEM NO. 5.1

# **Industry Hills**

## **Expo Center**

JAN 8<sup>TH</sup>, 2019 Meeting  
Nov/Dec. update

- **For the month of November**, the Expo Center held 19 banquet events (9) Pavilion and (10) Avalon Room
- 4 Rotary lunch meetings
- The Expo Center turned away 28 potential banquet clients due to unavailability.  
Of those 28 inquiries, 7 heard of the venue via our website, 9 had attended or hosted events at the center, and 12 had been referred by previous clients.
- In the Grand Arena on Nov. 1<sup>st</sup> San Gabriel Valley Kennel club held their annual all breed dog show.
- In the Grand Arena Nov 21<sup>st</sup>-25<sup>th</sup> American Supercamp held their annual Motorcycle training camp.
- **For the month of December**, we held 21 banquet events.
- In the Grand Arena on Dec. 7<sup>th</sup> we hosted Jr All American FB and cheer competition.
- On Dec. 8<sup>th</sup> we held the 3<sup>rd</sup> annual Purist Winterdrive Charity Car show/toy drive.
- On Dec. 13<sup>th</sup>-15<sup>th</sup>, and also on Dec 20<sup>th</sup>-22<sup>nd</sup> Lynda Tjarks held 2-3 day dog agility trials.

- **For the Month of January** we currently have 6 banquet events scheduled and 5 Grand Arena events.
- The parking lot project (Pavilion, Avalon and eventually Grand Arena lots) is coming along very well. I cannot express enough how great it has been to work with Shawnan. They truly understand how unique the venue is and how challenging it is for us try and operate during a project like this one.
- **All of us here at the Expo Center would like to wish everyone a very Healthy, Happy and prosperous 2020.**

*CIVIC-RECREATIONAL-INDUSTRIAL AUTHORITY*

ITEM NO. 5.2



## Industry Hills Expo Center

## Check Detail

December 2019

## Industry Hills Expo Center - Check Register

DECEMBER

DATE	CHECK #	PAYEE	AMOUNT	DETAILS
12/03/2019	15853	EL MONTE ICE CO.	297.50	ICE FOR ARENA EVENTS-BAR SUPPLIES
12/03/2019	15854	GINA HORN DESIGNS	45.00	BUSINESS CARDS
12/03/2019	15855	JAM GOLF CARS	243.00	VEHICLE MAINT. EXP.
12/03/2019	15856	OFFICE DEPOT	254.97	OFFICE SUPPLIES EXP.
12/03/2019	15857	SUPREMA CO.	350.00	INVENTORY items
12/03/2019	15858	TBS CLEANING SERVICE	2,400.00	SHUTTLE SERVICES FOR PAVILION
12/02/2019	15859	PAV-112219 CLAUDIA ANAYA	600.00	SECURITY DEPOSIT REFUND
12/02/2019	15860	PAV-112319 HEIDY GALLEGOS	600.00	SECURITY DEPOSIT REFUND
12/02/2019	15861	AR-112419 ESTHER DIAZ	300.00	SECURITY DEPOSIT REFUND
12/02/2019	15862	AR-112319 LAURA ROBLES	300.00	SECURITY DEPOSIT REFUND
12/10/2019	15863	ALARMCO	700.00	PROGRESSIVE PMT. ALARM SYSTEM
12/10/2019	15864	ANHEUSER BUSCH SALES OF AMERICA	1,286.85	INVENTORY items
12/10/2019	15865	CNC EQUESTRIAN MANAGEMENT	29,877.75	PAYROLL MAINT. CREW NOV.
12/10/2019	15866	FRONTIER COMMUNICATIONS	290.98	HIGH SPEED INTERNET
12/10/2019	15867	GRAHAM COMPANY	415.00	QRTLTY EMERGENCY LIGHT SYSTEM INSPECTION
12/10/2019	15868	HARBOR DISTRIBUTING,LLC	1,726.00	INVENTORY items
12/10/2019	15869	JAM GOLF CARS	259.38	VEHICLE MAINT. EXP.
12/10/2019	15870	OFFICE DEPOT	184.26	OFFICE SUPPLIES EXP.
12/10/2019	15871	PITNEY BOWES-PURCHASE POWER	201.00	POSTAGE METER EXPENSE
12/10/2019	15872	SPARKLETTS	956.45	INVENTORY ITEMS/OFFICE SUPPLIES.
12/10/2019	15873	VALLEY VISTA SERVICES	1,639.16	ROLL OFF AND DUMP FEES
12/10/2019	15874	PCR CASH	590.95	REPLENISH PETTY CASH NOV. RECEIPTS
12/10/2019	15875	GINA HORN DESIGNS	2,281.72	QUARTERLY MAILER + POSTAGE
12/08/2019	15876	AT&T	524.98	MONTHLY TELEPHONE EXP.
12/08/2019	15877	California Dept. of Tax and Fee Admin.	3,849.24	SALES TAX PAYMENT
12/08/2019	15878	CNC EQUESTRIAN MANAGEMENT	8,172.37	FAIRWAY PAYROLL W/E 11/24/19, 12/08/19 +
12/08/2019	15879	JUAN LOPEZ	2,152.50	IT SERVICES OCT/NOV
12/08/2019	15880	RANCHO JANITORIAL SUPPLIES	696.62	CLEANING SUPPLIES EXP.
12/08/2019	15881	TBS CLEANING SERVICE	2,800.00	SHUTTLES FOR PAVILION EVENTS
12/08/2019	15882	CNC EQUESTRIAN MANAGEMENT	432.27	AMEX CHARGES
12/12/2019	15883	AR-112919 GLENN HIMAN	300.00	SECURITY DEPOSIT REFUND
12/12/2019	15884	VOID CHECK	0.00	DATA ENTRY ERROR
12/12/2019	15885	VOID CHECK	0.00	DATA ENTRY ERROR
12/18/2019	15886	VOID CHECK	0.00	DATA ENTRY ERROR
12/18/2019	15887	VOID CHECK	0.00	DATA ENTRY ERROR
12/18/2019	15888	VOID CHECK	0.00	DATA ENTRY ERROR
12/18/2019	15889	VOID CHECK	0.00	DATA ENTRY ERROR
12/18/2019	15890	VOID CHECK	0.00	DATA ENTRY ERROR
12/23/2019	15891	AR-113019R ROSEANNE MARQUEZ	300.00	SECURITY DEPOSIT REFUND

Industry Hills Expo Center  
Check Detail  
December 2019

Industry Hills Expo Center - Check Register  
DECEMBER

DATE	CHECK #	PAYEE	AMOUNT	DETAILS
12/23/2019	15892	AR-120119 YVONNE GARCIA	262.00	SECURITY DEPOSIT REFUND
12/23/2019	15893	PAV-113019 EUGENIA BLAKE	600.00	SECURITY DEPOSIT REFUND
12/23/2019	15894	AR-120719 DIANA SALINAS	400.00	SECURITY DEPOSIT REFUND
12/23/2019	15895	PAV-120719 ALERT INSULATION	600.00	SECURITY DEPOSIT REFUND
12/23/2019	15896	AR-120619 ELISA CARREON	300.00	SECURITY DEPOSIT REFUND
12/23/2019	15897	VOID CHECK	0.00	DATA ENTRY ERROR
12/23/2019	15898	PAV-112919 ROBERT BORJA	600.00	SECURITY DEPOSIT REFUND
12/23/2019	15899	AR-121419 MICHELLE PEREZ	300.00	SECURITY DEPOSIT REFUND
12/23/2019	15900	PAV-121119 CAROL DELGADO	600.00	SECURITY DEPOSIT REFUND
12/23/2019	15901	PAV-121519 LOU VILLALVAZO	600.00	SECURITY DEPOSIT REFUND
12/23/2019	15902	CNC EQUESTRIAN MANAGEMENT	13,903.92	FAIRWAY PAYROLL W/E 12/01/19 + MONTHLY MGMT FEE
12/23/2019	15903	TBS CLEANING SERVICE	2,400.00	MONTHLY FACILITIES CLEANING FEE
12/23/2019	15904	HECTOR GARCIA	462.00	EVENT STAFF LUNCHES
12/23/2019	15905	PAV-112919 ROBERT BORJA	543.72	SECURITY DEPOSIT REFUND
12/31/2019	15906	PAV-122119 ROCIO CRUZ	600.00	SECURITY DEPOSIT REFUND
12/31/2019	15907	AR-121919 LAURA TRUJILLO	494.00	SECURITY DEPOSIT REFUND
12/31/2019	15908	CINTAS	722.90	MATS, MOPS AND UNIFORMS
12/31/2019	15909	CNC EQUESTRIAN MANAGEMENT	37,092.98	PAYROLL NOV. SALARIES
12/31/2019	15910	FRONTIER COMMUNICATIONS	555.97	MONTHLY TELEPHONE EXP.
12/31/2019	15911	JANUS PEST MANAGEMENT, INC.	2,153.00	PEST CONTROL
12/31/2019	15912	VOID CHECK	0.00	DATA ENTRY ERROR
12/31/2019	15913	ROGERS,CLEM & CO.	2,200.00	MONTHLY ACCT'G/CONSULTING EXP.
12/31/2019	15914	UNITED RENTALS	652.16	DIGITAL SIGN RENTAL
12/31/2019	15915	XEROX FINANCIAL SERVICES	777.92	LEASE PMT-XEROX COPIER
12/31/2019	15916	VOID CHECK	0.00	DATA ENTRY ERROR
12/31/2019	15917	OFFICE DEPOT	379.02	OFFICE SUPPLIES EXP.
<b>TOTAL</b>			<b>132,227.54</b>	



*CIVIC-RECREATIONAL-INDUSTRIAL AUTHORITY  
JANUARY 8, 2020*

ITEM NO. 5.3

HANDOUT ITEM  
(To be distributed prior to Meeting)

*CIVIC-RECREATIONAL-INDUSTRIAL AUTHORITY*

ITEM NO. 5.4

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CIVIC-RECREATIONAL-INDUSTRIAL AUTHORITY  
REGULAR MEETING MINUTES  
CITY OF INDUSTRY, CALIFORNIA  
DECEMBER 11, 2019  
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The Regular Meeting of the Civic-Recreational-Industrial Authority of the City of Industry, California, was called to order by Chairman Larry Hartmann at 9:00 a.m. in the City of Industry Council Chamber, 15651 East Stafford Street, California.

**FLAG SALUTE**

The flag salute was led by Board Member Bob Lindsey.

**ROLL CALL**

PRESENT: Larry Hartmann, Chairman  
John Karns, Vice Chairman  
Sean Lee, Board Member  
Bob Lindsey, Board Member  
Ronald Whittemore, Board Member

STAFF PRESENT: Bing Hyun, Assistant City Manager; James M. Casso, General Counsel; Cory C. Moss, Expo Facilities Operations Manager; Julie Robles, City Clerk; and Lynn Thompson, Administrative Technician II.

**PUBLIC COMMENTS**

There were none.

**CONSENT CALENDAR**

**5.1 UPDATE ON EXPO CENTER**

Expo Facilities Operations Manager Cory C. Moss, informed the Board Members of the activities that occurred and that are occurring at the Expo Center and provided a hand-out. She was available to answer any questions.

*RECOMMENDED ACTION:                    RECEIVE AND FILE.*

This item was pulled for a presentation from Expo Facilities Operations Manager, Cory Moss.

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CIVIC-RECREATIONAL-INDUSTRIAL AUTHORITY  
REGULAR MEETING MINUTES  
CITY OF INDUSTRY, CALIFORNIA  
DECEMBER 11, 2019  
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MOTION BY BOARD MEMBER WHITTEMORE, AND SECOND BY VICE CHAIRMAN KARNS TO RECEIVE AND FILE. MOTION CARRIED 5-0, BY THE FOLLOWING VOTE:

AYES:	BOARD MEMBERS:	LEE, LINDSEY, WHITTEMORE, VC/KARNS, C/HARTMANN
NOES:	BOARD MEMBERS:	NONE
ABSENT:	BOARD MEMBERS:	NONE
ABSTAIN:	BOARD MEMBERS:	NONE

**5.2 CONSIDERATION OF THE REGISTER OF DEMANDS SUBMITTED BY CNC EQUESTRIAN MANAGEMENT SERVICES FOR THE INDUSTRY HILLS EXPO CENTER FOR NOVEMBER 2019**

*RECOMMENDED ACTION: RECEIVE AND FILE.*

**5.3 CONSIDERATION OF THE REGISTER OF DEMANDS SUBMITTED BY THE FINANCE DEPARTMENT FOR NOVEMBER 13, 2019**

*RECOMMENDED ACTION: APPROVE THE REGISTER OF DEMANDS AND AUTHORIZE THE APPROPRIATE PERSONNEL TO PAY THE BILLS.*

MOTION BY VICE CHAIRMAN KARNS, AND SECOND BY BOARD MEMBER WHITTEMORE TO APPROVE ITEMS 5.2 AND 5.3. MOTION CARRIED 5-0, BY THE FOLLOWING VOTE:

AYES:	BOARD MEMBERS:	LEE, LINDSEY, WHITTEMORE, VC/KARNS, C/HARTMANN
NOES:	BOARD MEMBERS:	NONE
ABSENT:	BOARD MEMBERS:	NONE
ABSTAIN:	BOARD MEMBERS:	NONE

**5.4 CONSIDERATION OF THE MINUTES OF THE OCTOBER 9, 2019 REGULAR MEETING**

*RECOMMENDED ACTION: APPROVE AS SUBMITTED.*

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CIVIC-RECREATIONAL-INDUSTRIAL AUTHORITY  
REGULAR MEETING MINUTES  
CITY OF INDUSTRY, CALIFORNIA  
DECEMBER 11, 2019  
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Chairman Larry Hartmann corrected Cory Moss's title on the meeting minutes and asked the change be made to read Expo Facilities Operations Manager.

MOTION BY BOARD MEMBER LINDSEY, AND SECOND BY VICE CHAIRMAN KARNS TO APPROVE AS SUBMITTED WITH THE CORRECTION. MOTION CARRIED 5-0, BY THE FOLLOWING VOTE:

AYES:	BOARD MEMBERS:	LEE, LINDSEY, WHITTEMORE, VC/KARNS, C/HARTMANN
NOES:	BOARD MEMBERS:	NONE
ABSENT:	BOARD MEMBERS:	NONE
ABSTAIN:	BOARD MEMBERS:	NONE

**BOARD MATTERS**

**6.1 PRESENTATION AND DISCUSSION REGARDING THE CIVIC-RECREATIONAL-INDUSTRIAL AUTHORITY'S FINANCIAL REPORT FOR SEPTEMBER 30, 2019**

*RECOMMENDED ACTION: RECEIVE AND FILE THE REPORT.*

Shelby Czarnocki from Frazier, LLP provided a staff report and was available to answer any questions.

MOTION BY VICE CHAIRMAN KARNS, AND SECOND BY BOARD MEMBER LINDSEY TO RECEIVE AND FILE THE REPORT. MOTION CARRIED 5-0, BY THE FOLLOWING VOTE:

AYES:	BOARD MEMBERS:	LEE, LINDSEY, WHITTEMORE, VC/KARNS, C/HARTMANN
NOES:	BOARD MEMBERS:	NONE
ABSENT:	BOARD MEMBERS:	NONE
ABSTAIN:	BOARD MEMBERS:	NONE

**6.2 CONSIDERATION OF AMENDMENT NO. 2 TO THE MAINTENANCE SERVICES AGREEMENT WITH SURETECK INDUSTRIAL AND COMMERCIAL SERVICES, INC., FOR ON-CALL MAINTENANCE SERVICES TO EXTEND THE TERM TO DECEMBER 31, 2020**

*RECOMMENDED ACTION: APPROVE THE AMENDMENT.*



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CIVIC-RECREATIONAL-INDUSTRIAL AUTHORITY  
REGULAR MEETING MINUTES  
CITY OF INDUSTRY, CALIFORNIA  
DECEMBER 11, 2019  
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Development Services Manager, Kathy Tai provided a staff report and was available to answer any questions.

MOTION BY VICE CHAIRMAN KARNS, AND SECOND BY BOARD MEMBER LINDSEY TO RECEIVE AND FILE THE REPORT. MOTION CARRIED 5-0, BY THE FOLLOWING VOTE:

AYES:	BOARD MEMBERS:	LEE, LINDSEY, WHITTEMORE, VC/KARNS, C/HARTMANN
NOES:	BOARD MEMBERS:	NONE
ABSENT:	BOARD MEMBERS:	NONE
ABSTAIN:	BOARD MEMBERS:	NONE

**ADJOURNMENT**

There being no further business, the Civic-Recreational-Industrial Authority adjourned at 9:14 a.m.

\_\_\_\_\_  
Larry Hartmann, Chairman

\_\_\_\_\_  
Julie Robles, Secretary

*CIVIC-RECREATIONAL-INDUSTRIAL AUTHORITY*

ITEM NO. 6.1



# CIVIC-RECREATIONAL-INDUSTRIAL AUTHORITY

City of Industry

CRIA BOARD OF DIRECTORS

LARRY HARTMANN, CHAIRMAN  
JOHN KARNS, VICE CHAIRMAN  
RONALD WHITTEMORE  
SEAN LEE  
BOB LINDSEY

15625 EAST STAFFORD STREET  
CITY OF INDUSTRY, CALIFORNIA 91744-3366

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## STAFF REPORT

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**TO:** Chairman and Members of the Board of Directors  
Civic-Recreational-Industrial Authority

**FROM:** Yamini Pathak, Director of Finance

**STAFF:** Consultant – Dean Yamagata, Frazer, LLP

**DATE:** January 8, 2020

**SUBJECT:** Civic-Recreational-Industrial Authority October 31, 2019 Financial Report

### RECOMMENDATION

Receive and file.

### EXECUTIVE SUMMARY

Expo Center:

For the month ended October 31, 2019, the Expo Center generated revenues of \$79,487 and incurred expenses of \$149,632. Transfers from the Capital Projects Fund amounted to \$11,000 for the month ended October 31, 2019.

For the year to date ended October 31, 2019, the Expo Center generated revenues of \$788,371 and incurred expenses of \$1,049,567. Transfers received by the Expo Center amounted to \$11,000 for the year to date ended October 31, 2019. Year to date revenue and expenses are in line with the annual budgeted amounts.

Capital Projects Fund:

Total budgeted expenses for the year ended June 30, 2020 amount to \$527,400 which the Fund incurred \$147,183 of actual expenses for the year to date ended October 31, 2019. Transfers to the Expo Center amounted to \$11,000 for the month and year to date ended October 31, 2019.

### DESCRIPTION OF REPORTS

The monthly financial statements, as shown in Exhibit A, are a comprehensive document reflecting the financial position and the result of operations of the Authority at October 31, 2019.

### **Fiscal Impact**

There is no fiscal impact as result of this action.

# **EXHIBIT A**

CIVIC-RECREATIONAL-INDUSTRIAL-AUTHORITY  
CITY OF INDUSTRY

FINANCIAL STATEMENTS

OCTOBER 31, 2019



CIVIC-RECREATIONAL-INDUSTRIAL-AUTHORITY  
CITY OF INDUSTRY

FINANCIAL STATEMENTS

OCTOBER 31, 2019

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Note: The presentation of these financial statements do not conform with Governmental Accounting Standards Board statement number 34 – Basic Financial Statements – and Management Discussion and Analysis – for State and Local Governments and do not include all the disclosures required by this pronouncement.

CIVIC-RECREATIONAL-INDUSTRIAL-AUTHORITY  
CITY OF INDUSTRY

EXECUTIVE SUMMARY  
FINANCIAL STATEMENTS  
OCTOBER 31, 2019

**Expo Center Operations**

During the month ended October 31, 2019, we held five events in the Pavilion and seven events in the Avalon Room with contracts totaling \$34,444.

In the Grand Arena we held two events with contracts totaling \$44,894. These events were Acorn Engineering and Charity Pro Rodeo.

At October 31, 2019 and 2018, our financial statements reflect the following activity:

<u>Expo Center Operations</u>	Month Ended 10/31/2019	Year To Date 10/31/2019	Annual Budget 2019-2020	% of Annual Budget	Month Ended 10/31/2018	Year To Date 10/31/2018
Total revenues	\$ 79,487	\$ 788,371	\$ 2,541,900	31%	\$ 178,805	\$ 877,365
Expenses:						
Direct Expo Center expenses	53,016	585,852	1,512,200	39%	99,629	567,226
General and administrative expenses	96,616	463,715	1,180,200	39%	95,983	426,576
Total direct Expo Center expenses	149,632	1,049,567	2,692,400	39%	195,612	993,802
Net loss from operations	(70,145)	(261,196)	(150,500)	174%	(16,807)	(116,437)
Net loss	\$ (70,145)	\$ (261,196)	\$ (150,500)	174%	\$ (16,807)	\$ (116,437)

The following is our summarized financial statements by department at October 31, 2019 and 2018:

<u>Expo Center Operations</u>	Month Ended 10/31/2019	Month Ended 10/31/2019	Month Ended 10/31/2019	Month Ended 10/31/2019	Month Ended 10/31/2019
	Speedway	Facilities	Grand Arena	General and Admin.	Totals
Total revenues	\$ 9	\$ 34,444	\$ 44,894	\$ 140	\$ 79,487
Expenses:					
Direct Expo Center expenses	(486)	20,974	32,528	-	53,016
General and administrative expenses	-	-	-	96,616	96,616
Total direct Expo Center expenses	(486)	20,974	32,528	96,616	149,632
Net income (loss) from operations	495	13,470	12,366	(96,476)	(70,145)
Net income (loss) for the month ended	\$ 495	\$ 13,470	\$ 12,366	\$ (96,476)	\$ (70,145)

CIVIC-RECREATIONAL-INDUSTRIAL-AUTHORITY  
CITY OF INDUSTRY

EXECUTIVE SUMMARY  
FINANCIAL STATEMENTS  
OCTOBER 31, 2019

**Expo Center Operations (continued)**

<u>Expo Center Operations</u>	Month Ended 10/31/2018		Month Ended 10/31/2018		Month Ended 10/31/2018		Month Ended 10/31/2018		Month Ended 10/31/2018	
	<u>Speedway</u>		<u>Facilities</u>		<u>Grand Arena</u>		<u>General and Admin.</u>		<u>Totals</u>	
	Total revenues	\$	-	\$	55,077	\$	122,889	\$	839	\$
Expenses:										
Direct Expo Center expenses		(865)		29,440		71,054		-		99,629
General and administrative expenses		-		-		-		95,983		95,983
Total direct Expo Center expenses		(865)		29,440		71,054		95,983		195,612
Net income (loss) from operations		865		25,637		51,835		(95,144)		(16,807)
Net income (loss) for the month ended	\$	865	\$	25,637	\$	51,835	\$	(95,144)	\$	(16,807)

<u>Expo Center Operations</u>	Year To Date 10/31/2019		Year To Date 10/31/2019		Year To Date 10/31/2019		Year To Date 10/31/2019		Year To Date 10/31/2019	
	<u>Speedway</u>		<u>Facilities</u>		<u>Grand Arena</u>		<u>General and Admin.</u>		<u>Totals</u>	
	Total revenues	\$	107,877	\$	200,537	\$	479,173	\$	784	\$
Expenses:										
Direct Expo Center expenses		121,314		168,471		296,067		-		585,852
General and administrative expenses		-		-		-		463,715		463,715
Total direct Expo Center expenses		121,314		168,471		296,067		463,715		1,049,567
Net (loss) income from operations		(13,437)		32,066		183,106		(462,931)		(261,196)
Net (loss) income for the year ended	\$	(13,437)	\$	32,066	\$	183,106	\$	(462,931)	\$	(261,196)

<u>Expo Center Operations</u>	Year To Date 10/31/2018		Year To Date 10/31/2018		Year To Date 10/31/2018		Year To Date 10/31/2018		Year to Date 10/31/2018	
	<u>Speedway</u>		<u>Facilities</u>		<u>Grand Arena</u>		<u>General and Admin.</u>		<u>Totals</u>	
	Total revenues	\$	121,744	\$	279,807	\$	469,735	\$	6,079	\$
Expenses:										
Direct Expo Center expenses		121,650		172,365		273,211		-		567,226
General and administrative expenses		-		-		-		426,576		426,576
Total direct Expo Center expenses		121,650		172,365		273,211		426,576		993,802
Net income (loss) from operations		94		107,442		196,524		(420,497)		(116,437)
Net income (loss) year to date	\$	94	\$	107,442	\$	196,524	\$	(420,497)	\$	(116,437)

CIVIC-RECREATIONAL-INDUSTRIAL-AUTHORITY  
CITY OF INDUSTRY

EXECUTIVE SUMMARY  
FINANCIAL STATEMENTS  
OCTOBER 31, 2019

**CRIA Capital Assets**

In accordance with GASB 34, the Civic-Recreational-Industrial-Authority (referred to as "CRIA") is required to capitalize and depreciate their capital assets. The capital assets net of accumulated depreciation at October 31, 2019 amounted to \$6,577,310. This amount represents the cost of capital assets purchased or constructed over the years at the Industry Hills Expo Center and surrounding areas. No depreciation expense has been recorded in the statement of operations for the period ended October 31, 2019. It is the accounting policy of the CRIA to record annual depreciation expense subsequent to the completion of the June 30, 2020 annual audit.

**Capital Projects Operations**

The capital projects fund reflects expenditures for capital improvements and operational costs. Operational costs include Board and staff salaries, professional services and miscellaneous items.

At October 31, 2019, our financial statements reflect the following activity:

<u>Capital Projects Fund</u>	<u>Month Ended</u> <u>10/31/2019</u>	<u>Year To Date</u> <u>10/31/2019</u>	<u>Annual Budget</u> <u>2019-2020</u>	<u>% of Annual</u> <u>Budget</u>
Total revenues	\$ -	\$ 518	\$ 3,010	17%
Expenditures				
General and administrative expenses	34,212	147,183	527,400	28%
Total expenses	34,212	147,183	527,400	28%
Net loss	\$ (34,212)	\$ (146,665)	\$ (524,390)	28%

CIVIC-RECREATIONAL-INDUSTRIAL-AUTHORITY  
CITY OF INDUSTRY

BALANCE SHEET  
AS OF OCTOBER 31, 2019

		Capital Projects	Expo Center
<b>ASSETS</b>			
<b>CURRENT ASSETS:</b>			
Cash and cash equivalents	\$	48,030	\$ 57,885
Investments		81,505	-
Accounts receivable, net		-	61,654
Prepaid insurance		-	8,142
Inventories		-	38,331
Deposits		-	3,000
Total current assets		129,535	169,012
CAPITAL ASSETS, net		-	6,577,310
Total assets	\$	129,535	\$ 6,746,322
<b>LIABILITIES AND FUND BALANCE</b>			
<b>CURRENT LIABILITIES:</b>			
Accounts payable	\$	-	\$ 66,852
Sales tax payable		-	4,687
Advance rental payments		-	153,082
Security deposits		-	55,129
Total current liabilities		-	279,750
<b>FUND BALANCE:</b>			
Fund balance		129,535	6,466,572
Total liabilities and fund balance	\$	129,535	\$ 6,746,322



CIVIC-RECREATIONAL-INDUSTRIAL-AUTHORITY  
CITY OF INDUSTRY

STATEMENT OF OPERATIONS  
FOR THE MONTH AND YEAR TO DATE OCTOBER 31, 2019

	CAPITAL PROJECTS				EXPO CENTER			
	MONTH ENDED	YEAR TO DATE	2019-2020 ANNUAL	% OF ANNUAL	MONTH ENDED	YEAR TO DATE	2019-2020 ANNUAL	% OF ANNUAL
	10/31/2019	10/31/2019	BUDGET	BUDGET	10/31/2019	10/31/2019	BUDGET	BUDGET
<b>REVENUES:</b>								
Expo center revenues	\$ -	\$ -	\$ -		\$ 79,487	\$ 788,371	\$ 2,541,900	31%
Other revenues	-	518	3,010	17%	-	-	-	
Total revenues	-	518	3,010	17%	79,487	788,371	2,541,900	31%
<b>EXPENDITURES:</b>								
Operating expenses	-	-	-		53,016	585,852	1,512,200	39%
General and administrative expenses	34,212	147,183	527,400	28%	96,616	463,715	1,180,200	39%
Total expenses	34,212	147,183	527,400	28%	149,632	1,049,567	2,692,400	39%
<b>EXCESS OF EXPENDITURES OVER REVENUES</b>	(34,212)	(146,665)	(524,390)	28%	(70,145)	(261,196)	(150,500)	174%
<b>OTHER FINANCING SOURCES, NET</b>	24,000	249,000	527,400	47%	11,000	11,000	150,500	7%
<b>(EXCESS OF EXPENDITURES OVER REVENUES AND OTHER FINANCING SOURCES)/EXCESS OF REVENUES AND OTHER FINANCING SOURCES OVER EXPENSES</b>	(10,212)	102,335	\$ 3,010		(59,145)	(250,196)	\$ -	
Fund balance, beginning	139,747	27,200			6,525,717	6,716,768		
Fund balance, ending	\$ 129,535	\$ 129,535			\$ 6,466,572	\$ 6,466,572		

CIVIC-RECREATIONAL-INDUSTRIAL-AUTHORITY  
CITY OF INDUSTRY

INDUSTRY HILLS EXPO CENTER  
STATEMENT OF CASH FLOWS  
FOR THE YEAR TO DATE ENDED OCTOBER 31, 2019

		AMOUNT
<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>		
	Net loss before transfers and other credits	\$ (261,196)
	Adjustments to reconcile net loss to net cash used	
	in operating activities:	
	Change in operating assets and liabilities	
	Accounts receivable, net	38,708
	Prepaid insurance	5,114
	Inventories	11,227
	Accounts payable	(28,100)
	Sales tax payable	(2,526)
	Advance rental payments	14,862
	Security deposits	(2,023)
	Net cash used in operating activities	(223,934)
<b>CASH FLOWS FROM NON-CAPITAL FINANCING ACTIVITIES</b>		
	Other financing sources	11,000
	<b>NET CHANGE IN CASH</b>	<b>(212,934)</b>
	Cash at July 1, 2019	270,819
	Cash at October 31, 2019	\$ 57,885

CIVIC-RECREATIONAL-INDUSTRIAL-AUTHORITY  
CITY OF INDUSTRY

Schedule 1  
Page 1

INDUSTRY HILLS EXPO CENTER  
SCHEDULE OF REVENUES AND EXPENSES  
FOR THE MONTHS AND YEARS TO DATE OCTOBER 31, 2019 AND 2018

	MONTH ENDED 10/31/2019	YEAR TO DATE 10/31/2019	ANNUAL BUDGET 2019-2020	% OF ANNUAL BUDGET	MONTH ENDED 10/31/2018	YEAR TO DATE 10/31/2018
<b>Expo Center Operations</b>						
<b>Revenues</b>						
Facilities rentals	\$ 15,838	\$ 91,306	\$ 370,900	25%	\$ 25,886	\$ 131,332
Facilities rentals - bar sales	14,823	82,489	342,100	24%	20,424	115,384
Facilities - security	2,621	14,674	55,700	26%	3,376	18,731
Facilities - food	362	3,943	19,500	20%	4,091	7,483
Facilities - insurance	800	4,500	16,300	28%	1,300	5,500
Facilities - other	-	3,625	1,500	242%	-	1,377
Grand Arena - special events rentals	2,500	49,362	232,600	21%	16,525	68,915
Grand Arena - outdoor arena rentals	-	3,000	7,900	38%	-	1,000
Grand Arena - show barn stall rentals	2,620	19,814	47,200	42%	1,136	18,363
Grand Arena - shaving sales	1,960	5,255	7,800	67%	1,501	3,036
Grand Arena - security	420	62,044	138,600	45%	21,045	46,579
Grand Arena - trailer parking	25	3,900	13,300	29%	-	3,850
Grand Arena - bar sales	29,306	231,506	568,300	41%	40,515	183,687
Grand Arena - food	2,549	17,135	159,200	11%	7,674	42,615
Grand Arena - feed sales	55	55	-	0%	-	-
Grand Arena - parking	2,633	48,488	194,500	25%	-	-
Grand Arena - other	2,826	38,614	110,100	35%	34,493	101,690
Speedway - Merchandise	-	4,777	6,300	76%	-	2,877
Speedway - Bar	-	24,264	50,000	49%	-	32,183
Speedway - Prize Money	-	12,495	31,100	40%	-	11,343
Speedway - General Admission	-	34,365	74,900	46%	-	39,010
Speedway - Concessions	-	21,477	40,800	53%	-	25,352
Speedway - Parking	-	8,930	17,400	51%	-	10,295
Speedway - Other	9	1,569	22,000	7%	-	684
G&A- Other	140	784	13,900	6%	839	6,079
<b>Total revenues</b>	<b>79,487</b>	<b>788,371</b>	<b>2,541,900</b>	<b>31%</b>	<b>178,805</b>	<b>877,365</b>
<b>Expo expenses</b>						
Cost of sales	17,768	91,446	224,600	41%	16,271	84,307
Bar supplies	377	4,368	8,800	50%	1,665	4,591
Promotional banquet	40	1,727	9,900	17%	712	3,735
Feed	-	-	2,100	0%	-	-
Contract labor/wages	21,581	234,584	657,500	36%	33,577	234,490
Furniture/fixtures & equipment	-	4,900	14,500	34%	3,955	7,166
Facilities - insurance	(200)	4,000	18,900	21%	2,645	2,900
Miscellaneous	-	2,841	10,200	28%	1,761	3,072
Promotional	-	2,583	25,900	10%	1,838	10,534
Property maintenance	1,070	17,491	12,500	140%	2,109	7,905
Repairs and maintenance	-	212	1,500	14%	(2,241)	1,906
Sales tax	(64)	(64)	-	0%	-	(55)
Security - Grand Arena	2,087	48,211	119,700	40%	19,667	40,698
Security - Facilities	2,412	19,849	70,700	28%	4,028	23,241
Security - Speedway	-	9,125	18,000	51%	-	10,918
Shavings	2,054	4,125	4,600	90%	1,211	1,183
Supplies	4,555	30,819	63,900	48%	6,389	28,255
Equipment rental	-	5,951	10,200	58%	608	1,018
Special event concessions	884	7,201	63,500	11%	5,549	15,851
Bad debt	1,500	6,000	13,500	44%	750	2,250
Speedway- Concessions	(275)	9,026	16,300	55%	-	9,694
Speedway- Merchandise	-	-	3,500	0%	-	1,055
Speedway- Insurance	1,027	4,110	30,200	14%	1,215	8,813
Speedway - Prize money	(1,800)	28,076	45,600	62%	(2,080)	29,367
Speedway- Outside services/contract labor	-	49,271	66,100	75%	-	34,332
<b>Total Expo expenses</b>	<b>53,016</b>	<b>585,852</b>	<b>1,512,200</b>	<b>39%</b>	<b>99,629</b>	<b>567,226</b>
<b>Operating income before direct</b>						
G & A and CRIA indirect expenses	26,471	202,519	1,029,700	20%	79,176	310,139

CIVIC-RECREATIONAL-INDUSTRIAL-AUTHORITY  
CITY OF INDUSTRY

Schedule 1  
Page 2

INDUSTRY HILLS EXPO CENTER  
SCHEDULE OF REVENUES AND EXPENSES  
FOR THE MONTHS AND YEARS TO DATE OCTOBER 31, 2019 AND 2018

	MONTH ENDED 10/31/2019	YEAR TO DATE 10/31/2019	ANNUAL BUDGET 2019-2020	% OF ANNUAL BUDGET	MONTH ENDED 10/31/2018	YEAR TO DATE 10/31/2018
<u>Expo Center Operations</u>						
Direct general and administrative expenses						
Office supplies	-	-	2,400	0%	-	800
Travel and meetings	126	1,008	1,900	53%	-	331
Dues, subscriptions, books, etc.	-	4,550	8,800	52%	428	2,771
Equipment rental/lease	721	4,219	14,900	28%	707	4,445
Employee training	-	747	-	0%	-	-
Furniture/fixtures & equipment	-	-	2,200	0%	481	685
Advertising/printing	(2,399)	-	1,800	0%	-	-
Telephone	1,380	4,905	17,800	28%	2,199	6,351
Postage	141	2,074	3,400	61%	34	263
Miscellaneous	1,054	7,653	25,700	30%	2,887	9,991
Professional services	28,554	97,974	256,000	38%	17,953	84,863
Repairs and equipment	-	721	15,400	5%	10,043	10,043
Vehicle expenses	11,344	34,856	61,600	57%	8,485	18,723
Insurance and bonds	1,008	4,032	12,400	33%	-	-
Supplies	5,194	18,425	45,000	41%	4,126	12,490
Contract labor/administrative wages	26,719	136,833	411,600	33%	24,952	166,438
Property maintenance	9,868	72,009	126,000	57%	8,867	39,210
Utilities	12,906	73,709	173,300	43%	14,821	69,172
Total direct general and administrative expenses	96,616	463,715	1,180,200	39%	95,983	426,576
EXCESS OF EXPENDITURES OVER REVENUES	\$ (70,145)	\$ (261,196)	\$ (150,500)	174%	\$ (16,807)	\$ (116,437)

CIVIC-RECREATIONAL-INDUSTRIAL-AUTHORITY  
CITY OF INDUSTRY

Schedule 2

CAPITAL PROJECTS FUND  
SCHEDULE OF REVENUES AND EXPENDITURES  
FOR THE MONTH AND YEAR TO DATE OCTOBER 31, 2019

	MONTH ENDED 10/31/2019	YEAR TO DATE 10/31/2019	ANNUAL BUDGET 2019-2020	% OF ANNUAL BUDGET
<b>REVENUES</b>				
Other revenues	\$ -	\$ 518	\$ 3,010	17%
<b>GENERAL AND ADMINISTRATIVE EXPENSES</b>				
Salaries - board	2,836	11,344	38,000	30%
Travel and meeting	-	-	200	0%
Medicare/disability	41	164	600	27%
PARS - ARS	106	425	1,400	30%
Legal	-	2,646	5,000	53%
Professional services	9,950	19,618	113,000	17%
Accounting	-	-	1,000	0%
Small equipments and supplies	-	46	-	0%
Vehicle expenses	893	2,512	7,000	36%
Property maintenance	16,699	80,243	334,000	24%
Furniture, equipment & fixtures	-	26,460	-	0%
Insurance and bonds	-	-	26,000	0%
Utilities	3,687	3,725	1,200	310%
Total general and administrative expenses	34,212	147,183	527,400	28%
<b>EXCESS OF EXPENDITURES OVER</b>				
REVENUES	\$ (34,212)	\$ (146,665)	\$ (524,390)	28%

*CIVIC-RECREATIONAL-INDUSTRIAL AUTHORITY*

ITEM NO. 6.2



# CIVIC-RECREATIONAL-INDUSTRIAL AUTHORITY

## MEMORANDUM

**TO:** Honorable Chairman Hartmann and Members of the Board

**FROM:** Troy Helling, Executive Director *TH*

**STAFF:** Joshua Nelson, CRIA Engineer *gn*  
Dev Birla, Operations Manager, CNC Engineering *DOB*

**DATE:** January 8, 2020

**SUBJECT:** Consideration of authorization to advertise for public bids for Lighting and Electrical Improvements at Expo Center Parking Lots for an estimated cost of \$546,500.00 (Contract No. EXPO-2126)

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### **Background:**

As part of the Expo Center Parking Lots, Project No. CIP-EXPO-18-007-B, all electrical substructure work such as conduits, pull boxes, pole foundations and transformer pads, etc. was included. That work is currently under construction and expected to be completed by June of 2020. The substructure will be ready for installation of new LED lighting and other electrical equipment. ORSA Consulting Engineers and CNC Engineering have prepared plans and specifications for lighting and electrical improvements at Expo Center Parking Lots project.

### **Discussion:**

The proposed lighting and electrical improvements are intended to cover replacement of the existing High-Pressure Sodium (HPS) luminaires with new LED luminaires, add new receptacles at each pole, replace existing RV charging pedestals at Grand Arena, add or upgrade dry type transformers, and other related electrical improvements. The upgrade of lighting with LEDs will improve lighting levels at Grand Arena, Avalon and Pavilion parking lots. The addition of new receptacles will allow customers to plug in portable small electrical devices for use, as needed. As mentioned, the related substructure work is already in progress and this contract will cover the remaining electrical portion of the work. The scope of work involves providing labor, materials and equipment for the following tasks:

- Remove 63 existing HPS luminaires at Grand Arena and Avalon Parking Lots and furnish and install 70 LED luminaires
- Furnish and install 12 LED luminaires at Pavilion Parking Lot
- Furnish and install new receptacles on 15 lighting poles at Grand Arena, 9 lighting poles at Avalon and 4 lighting poles at Pavilion Parking Lot
- Remove and replace 20 existing RV charging pedestals at Grand Arena
- Furnish and install three 480 to 120/240-Volt dry type transformers – one for each parking lot

- Furnish and install three outlet panels at Grand Arena, two outlet panels at Avalon and one outlet panel at Pavilion
- Furnish and install all 600-Volt Copper THHN or THWN cable to provide power sources to all three 480 to 120-240 voltage dry transformers, from three transformers to six outlet panels and RV charging pedestals and also from the six outlet panels to each receptacle and lighting
- Tagging of every electrical equipment, wiring, receptacle and RV charging pedestal

This project will be implemented as Contract No. EXPO-2126, subject to the approval by the Board.

**Fiscal Impact:**

The estimated cost for this project is \$546,500.00. This project is budgeted in the CIP FY 19-20 Expo Center at Industry Hills, Parking Lot Improvements for \$4.5 million.

**Recommendation:**

It is recommended that the Board approve the plans and specifications and authorize the solicitation of public bids.

**Exhibits:**

- A. Notice Inviting Bids
- B. Cost Estimate Sheet
- C. Section A – Pages A-1 through A-9
- D. Reduced Set of Project Plans

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TH/JN/DB:jf



**EXHIBIT A**

Notice Inviting Bids

[Attached]

**NOTICE INVITING BIDS FOR:**

**CIVIC-RECREATIONAL-INDUSTRIAL AUTHORITY  
PROJECT NO. EXPO-2126**

LIGHTING AND ELECTRICAL IMPROVEMENTS - EXPO CENTER PARKING LOTS

CONTRACT NO. EXPO-2126

The **CIVIC-RECREATIONAL-INDUSTRIAL AUTHORITY**, hereinafter referred to as the **CRIA**, will receive bids for the construction of the above project until **2:00 P.M.** on **February 11, 2020**, via the City of Industry's PlanetBids™ vendor portal. Bids are to be submitted through <http://www.cityofindustry.org/?p=proposal-and-bid>.

Postmarks, mailed, emailed, or hard copy bids will not be accepted. Late bids will not be accepted.

It is the responsibility of the bidder to be sure the bid is submitted prior to the date and time indicated above. Free digital versions of the plans and specifications are available on the vendor portal. Hard copies are no longer available for purchase.

At the time of submission of the bid and thereafter, each bidder must be licensed as a **Class C-10 - Electrical** as defined in Sections 7055-7058 of the Business and Professions Code. Each bidder shall set forth on the Bidder's Information Sheet and the Contractor's License Affidavit the classification and number of the requisite license which that bidder holds.

The **CRIA** reserves the right to award the contract to the contractor with another license class if the **CRIA** determines that the license class is proper for the proposed work.

A contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, as defined in this chapter, unless currently registered and qualified to perform public work pursuant to Section 1725.5. **Please note:** *It is not a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded.* Any bids submitted without proof that bidder and any listed subcontractor(s) are currently registered and qualified to perform public work, pursuant to Labor Code Section 1725.5, may not be accepted by the CRIA.

(Continued)

The Scope of Work is as follows: Furnish and install LED luminaires, receptacles, RV charger pedestals, 480/120-240 volt dry type transformers, outlet panels, wiring and all related electrical work at Grand Arena, Avalon and Pavilion Parking Lots per plans and specifications.

Plans and Specifications are available for inspection at the City of Industry City Hall located at 15625 E. Stafford Street, City of Industry, California 91744. City Hall Hours are: Monday-Thursday, 8:00 a.m. to 5:00 p.m. and Fridays from 8:00 a.m. to 4:00 p.m.

**Two** pre-bid meeting(s) will be conducted by the CRIA Engineer at the job site on **Wednesday, January 22, 2020, at 10:00 A.M.** and **Friday, January 24, 2020 at 10:00 A.M.** All bidders are required to attend; it is mandatory to attend one of the pre-bid meetings. Attendees will meet at the parking lot behind the main entrance gate located at 16200 E. Temple Avenue.

Online Questions and Answers will be due via the City of Industry's PlanetBids™ vendor portal on **Friday, January 31, 2020 at 2:00 P.M.**

**CIVIC-RECREATIONAL-INDUSTRIAL AUTHORITY  
PROJECT NO. EXPO-2126**

**LIGHTING AND ELECTRICAL IMPROVEMENTS - EXPO CENTER PARKING LOTS**

**CONTRACT NO. EXPO-2126**

Each bid shall be accompanied by a bid guarantee in the form of a Cashier's Check or Bidder's Bond for not less than ten percent (10%) of the total amount of the bid, made payable to the **CIVIC-RECREATIONAL-INDUSTRIAL AUTHORITY**.

The contractor may, at his own expense, substitute securities for monies to be withheld to ensure performance under the contract.

By the order of the **CIVIC-RECREATIONAL-INDUSTRIAL AUTHORITY** dated **January 8, 2020**

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Julie Gutierrez-Robles, Secretary

**EXHIBIT B**

Cost Estimate Sheet

[Attached]

ESTIMATE FOR:

**CIVIC-RECREATIONAL-INDUSTRIAL AUTHORITY**

**PROJECT NO. EXPO-2126**

**LIGHTING AND ELECTRICAL IMPROVEMENTS - EXPO CENTER PARKING  
LOTS**

CONTRACT NO. EXPO-2126

ENGINEER'S ESTIMATE  
\$546,500.00

**EXHIBIT C**

Section A – Pages A-1 through A-9

[Attached]

## SECTION A

### CIVIC-RECREATIONAL-INDUSTRIAL AUTHORITY PROJECT NO. EXPO-2126

#### LIGHTING AND ELECTRICAL IMPROVEMENTS - EXPO CENTER PARKING LOTS

CONTRACT NO. EXPO-2126

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Postmarks, mailed, emailed, or hard copy bids will not be accepted. Late bids will not be accepted.

It is the responsibility of the bidder to be sure the bid is submitted prior to the date and time indicated above. Free digital versions of the plans and specifications are available on the vendor portal. Hard copies are no longer available for purchase.

At the time of submission of the bid and thereafter, each bidder must be licensed as a **Class C-10 - Electrical** as defined in Sections 7055-7058 of the Business and Professions Code. Each bidder shall set forth on the Bidder's Information Sheet and the Contractor's License Affidavit the classification and number of the requisite license which that bidder holds.

The **CRIA** reserves the right to award the contract to the contractor with another license class if the **CRIA** determines that the license class is proper for the proposed work.

A contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, as defined in this chapter, unless currently registered and qualified to perform public work pursuant to Section 1725.5. **Please note:** *It is not a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded.* Any bids submitted without proof that bidder and any listed subcontractor(s) are currently registered and qualified to perform public work, pursuant to Labor Code Section 1725.5, may not be accepted by the CRIA.

The Scope of Work is as follows: Furnish and install LED luminaires, receptacles, RV charger pedestals, 480/120-240 volt dry type transformers, outlet panels, wiring and all related electrical work at Grand Arena, Avalon and Pavilion Parking Lots per plans and specifications.



Plans and Specifications are available for inspection at City of Industry City Hall located at 15625 E. Stafford Street, City of Industry, California 91744. City Hall Hours are: Monday-Thursday, 8:00 a.m. to 5:00 p.m. and Fridays from 8:00 a.m. to 4:00 p.m.

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Online Questions and Answers will be due via the City of Industry's PlanetBids™ vendor portal on **Friday, January 31, 2020 at 2:00 P.M.**

The bid shall be accompanied by a bid guarantee in the form of a Cashier's Check or Bidder's Bond for not less than ten percent (10%) of the total amount of the bid, payable to the **CIVIC-RECREATIONAL-INDUSTRIAL AUTHORITY**. The bid guarantee is to insure that the bidder, if awarded the work, will enter into a contract with the CRIA. Failure of a contractor to enter into a contract within ten (10) days following award will cause the bid guarantee to be forfeited. If the bid guarantee is a Cashier's Check it must be delivered to City Hall prior to the bid opening date and time. The Cashier's Check shall be sealed in an envelope, endorsed as follows: EXPO-2126 - LIGHTING AND ELECTRICAL IMPROVEMENTS - EXPO CENTER PARKING LOTS, City of Industry City Hall, 15625 E. Stafford Street, City of Industry, California 91744. If a bid bond is chosen, a scanned PDF will be accepted through PlanetBids™, however, the three apparent low bidders will be contacted to submit the original bid bond to the CRIA and will be given a deadline to submit.

The CRIA may, upon refusal or failure of a successful responsible bidder to accept the contract, award it to the next lowest bidder. If the CRIA awards the contract to the second lowest bidder, the amount of the lowest bidder's bid guarantee shall be applied by the CRIA to the difference between the low bid and the second lowest bid; the surplus, if any, shall be returned to the lowest bidder if cash is used, or to the surety company if a bond is used.

The successful bidder will be required to furnish a labor and materials bond in an amount equal to one hundred percent (100%) of the contract price and a faithful performance bond in an amount equal to one hundred percent (100%) of the contract price. A maintenance bond equal to ten percent (10%) of the total bid price amount is to remain in force for one (1) year after the date of completion of work, shall be submitted prior to execution of contract. The above bonds shall be secured by a surety company satisfactory to the CRIA, and licensed as a Surety Insurer in the State of California and rated at least B+:V in the latest "Best's Insurance Guide." The attached bond forms shall be used without exception.

## CONTRACTOR

### INSURANCE

Prior to the beginning of and throughout the duration of the Project, Contractor and its subcontractors shall maintain insurance in conformance with the requirements set forth below. Contractor will use existing coverage to comply with these requirements. If that existing coverage does not meet the requirements set forth herein, Contractor agrees to amend, supplement or endorse the existing coverage to do so.

Contractor acknowledges that the insurance coverage and policy limits set forth in this section constitute the minimum amount of coverage required. Any insurance proceeds available to Contractor or its subcontractors in excess of the limits and coverage identified in this Agreement and which is applicable to a given loss, claim or demand, will be equally available to the CRIA.

Contractor shall provide the following types and amounts of insurance:

Without limiting Contractor's indemnification of CRIA, and prior to commencement of the Project, Contractor shall obtain, provide and maintain at its own expense during the term of this Agreement, policies of insurance of the type and amounts described below and in a form satisfactory to the CRIA.

**General Liability Insurance.** Contractor shall maintain commercial general liability insurance with coverage at least as broad as Insurance Services Office form CG 00 01, in an amount not less than \$5,000,000 per occurrence, \$10,000,000 general aggregate, for bodily injury, personal injury, and property damage, and a \$5,000,000 completed operations aggregate. The policy must include contractual liability that has not been amended. Any endorsement restricting standard ISO "insured contract" language will not be accepted.

**Automobile Liability Insurance.** Contractor shall maintain automobile insurance at least as broad as Insurance Services Office form CA 00 01 covering bodily injury and property damage for all activities of the Contractor arising out of or in connection with work to be performed under this Agreement, including coverage for any owned, hired, non-owned or rented vehicles, in an amount not less than \$1,000,000 combined single limit for each accident.

**Umbrella or Excess Liability Insurance.** Contractor shall obtain and maintain an umbrella or excess liability insurance that will provide bodily injury, personal injury and property damage liability coverage at least as broad as the primary coverages set forth above, including commercial general liability and employer's liability. Such policy or policies shall include the following terms and conditions:

- A drop down feature requiring the policy to respond in the event that any primary insurance that would otherwise have applied proves to be uncollectable in whole or in part for any reason;

- Pay on behalf of wording as opposed to reimbursement;
- Concurrency of effective dates with primary policies;
- Policies shall “follow form” to the underlying primary policies; and
- Insureds under primary policies shall also be insureds under the umbrella or excess policies.

**Workers’ Compensation Insurance.** Contractor shall maintain Workers’ Compensation Insurance (Statutory Limits) and Employer’s Liability Insurance (with limits of at least \$1,000,000) for Contractor’s employees in accordance with the laws of the State of California, Section 3700 of the Labor Code. In addition, Contractor shall require each subcontractor to similarly maintain Workers’ Compensation Insurance and Employer’s Liability Insurance in accordance with the laws of the State of California, Section 3700 for all of the subcontractor’s employees.

Contractor shall submit to the CRIA, along with the certificate of insurance, a Waiver of Subrogation endorsement in favor of the CRIA, its officers, agents, employees and volunteers.

**Pollution Liability Insurance.** Environmental Impairment Liability Insurance shall be written on a Contractor’s Pollution Liability form or other form acceptable to the CRIA providing coverage for liability arising out of sudden, accidental and gradual pollution and remediation. The policy limit shall be no less than \$1,000,000 dollars per claim and in the aggregate. All activities contemplated in this agreement shall be specifically scheduled on the policy as “covered operations.” The policy shall provide coverage for the hauling of waste from the project site to the final disposal location, including non-owned disposal sites.

**Completed Operations Coverage.** Products/completed operations coverage shall extend a minimum of ten years after project completion. Coverage shall be included on behalf of the insured for covered claims arising out of the actions of independent contractors. If the insured is using subcontractors, the Policy must include work performed “by or on behalf” of the insured. Policy shall contain no language that would invalidate or remove the insurer’s duty to defend or indemnify for claims or suits expressly excluded from coverage. Policy shall specifically provide for a duty to defend on the part of the insurer. The CRIA, its officials, officers, agents, and employees, shall be included as insureds under the policy.

**Builder’s Risk Insurance.** Upon commencement of construction and with approval of CRIA, Contractor shall obtain and maintain builder’s risk insurance for the entire duration of the Project until only the CRIA has an insurable interest. The Builder’s Risk coverage shall include the coverages as specified below.

The named insureds shall be Contractor and CRIA, including its officers, officials, employees, and agents. All Subcontractors (excluding those solely responsible for design work) of any tier and suppliers shall be included as additional insureds as their interests

may appear. Contractor shall not be required to maintain property insurance for any portion of the Project following transfer of control thereof to the CRIA. The policy shall contain a provision that all proceeds from the builder's risk policy shall be made payable to the CRIA. The CRIA will act as a fiduciary for all other interests in the Project.

A Policy shall be provided for replacement value on an "all risk" basis for the completed value of the project. There shall be no coinsurance penalty or provisional limit provision in any such policy. The Policy must include: (1) coverage for any ensuing loss from faulty workmanship, nonconforming work, omission or deficiency in design or specifications; (2) coverage against machinery accidents and operational testing; (3) coverage for removal of debris, and insuring the buildings, structures, machinery, equipment, materials, facilities, fixtures and all other properties constituting a part of the Project; (4) ordinance or law coverage for contingent rebuilding, demolition, and increased costs of construction; (5) transit coverage (unless insured by the supplier or receiving contractor), with sub-limits sufficient to insure the full replacement value of any key equipment item; (6) ocean marine cargo coverage insuring any Project materials or supplies, if applicable; (7) coverage with sub-limits sufficient to insure the full replacement value of any property or equipment stored either on or off the Project site or any staging area. Such insurance shall be on a form acceptable to the CRIA to ensure adequacy of terms and sublimits and shall be submitted to the CRIA prior to commencement of construction.

Other provisions or requirements:

**Proof of Insurance.** Contractor shall provide certificates of insurance to the CRIA as evidence of the insurance coverage required herein, along with a waiver of subrogation endorsement for workers' compensation. Insurance certificates and endorsements must be approved by the CRIA's risk manager prior to commencement of performance. Current certification of insurance shall be kept on file with the CRIA at all times during the term of this contract. The CRIA reserves the right to require complete, certified copies of all required insurance policies, at any time.

**Duration of Coverage.** Contractor shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property, which may arise from or in connection with the performance of the work hereunder by Contractor, his agents, representatives, employees or subcontractors. Contractor must maintain general liability and umbrella or excess liability insurance for as long as there is a statutory exposure to completed operations claims. The CRIA and its officers, officials, employees, and agents shall continue as additional insureds under such policies.

**Primary/Noncontributing.** Coverage provided by Contractor shall be primary and any insurance or self-insurance procured or maintained by the CRIA shall not be required to contribute with it. The limits of insurance required herein may be satisfied by a combination of primary and umbrella or excess insurance. Any umbrella or excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and non-contributory basis for the benefit of the CRIA before the CRIA's own insurance or self-insurance shall be called upon to protect it as a named insured.

**CRIA's Rights of Enforcement.** In the event any policy of insurance required under this Agreement does not comply with these requirements or is canceled and not replaced, the CRIA has the right but not the duty to obtain the insurance it deems necessary and any premium paid by the CRIA will be promptly reimbursed by Contractor or the CRIA will withhold amounts sufficient to pay premium from Contractor payments. In the alternative, the CRIA may cancel this Agreement.

**Acceptable Insurers.** All insurance policies shall be issued by an insurance company currently authorized by the Insurance Commissioner to transact business of insurance or is on the List of Approved Surplus Line Insurers in the State of California, with an assigned policyholders' Rating of A- (or higher) and Financial Size Category Class VII (or larger) in accordance with the latest edition of Best's Key Rating Guide, unless otherwise approved by the CRIA's risk manager.

**Waiver of Subrogation.** All insurance coverage maintained or procured pursuant to this agreement shall be endorsed to waive subrogation against CRIA, its elected or appointed officers, agents, officials, employees and volunteers or shall specifically allow Contractor or others providing insurance evidence in compliance with these specifications to waive their right of recovery prior to a loss. Contractor hereby waives its own right of recovery against CRIA, and shall require similar written express waivers and insurance clauses from each of its subconsultants.

**Enforcement of Contract Provisions (non estoppel).** Contractor acknowledges and agrees that any actual or alleged failure on the part of the CRIA to inform Contractor of non-compliance with any requirement imposes no additional obligations on the CRIA nor does it waive any rights hereunder.

**Requirements Not Limiting.** Requirements of specific coverage features or limits contained in this Section are not intended as a limitation on coverage, limits or other requirements, or a waiver of any coverage normally provided by any insurance. Specific reference to a given coverage feature is for purposes of clarification only as it pertains to a given issue and is not intended by any party or insured to be all inclusive, or to the exclusion of other coverage, or a waiver of any type. If the Contractor maintains higher limits than the minimums shown above, the CRIA requires and shall be entitled to coverage for the higher limits maintained by the Contractor. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the CRIA.

**Notice of Cancellation.** Contractor agrees to oblige its insurance agent or broker and insurers to provide to CRIA with a thirty (30) day notice of cancellation (except for nonpayment for which a ten (10) day notice is required) or nonrenewal of coverage for each required coverage.

**Additional Insured Status.** General liability policies shall provide or be endorsed to provide that CRIA and its officers, officials, employees, agents, and volunteers shall be

additional insureds under such policies. This provision shall also apply to any excess/umbrella liability policies.

**Prohibition of Undisclosed Coverage Limitations.** None of the coverages required herein will be in compliance with these requirements if they include any limiting endorsement of any kind that has not been first submitted to CRIA and approved of in writing.

**Separation of Insureds.** A severability of interests provision must apply for all additional insureds ensuring that Contractor's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the insurer's limits of liability. The policy(ies) shall not contain any cross-liability exclusions.

**Pass Through Clause.** Contractor agrees to ensure that its subconsultants, subcontractors, and any other party involved with the project who is brought onto or involved in the project by Contractor, provide the same minimum insurance coverage and endorsements required of Contractor. Contractor agrees to monitor and review all such coverage and assumes all responsibility for ensuring that such coverage is provided in conformity with the requirements of this section. Contractor agrees that upon request, all agreements with consultants, subcontractors, and others engaged in the project will be submitted to CRIA for review.

**CRIA's Right to Revise Requirements.** The CRIA reserves the right at any time during the term of the contract to change the amounts and types of insurance required by giving the Contractor a ninety (90)-day advance written notice of such change. If such change results in substantial additional cost to the Contractor, the CRIA and Contractor may renegotiate Contractor's compensation.

**Self-insured Retentions.** Any self-insured retentions must be declared to and approved by CRIA. CRIA reserves the right to require that self-insured retentions be eliminated, lowered, or replaced by a deductible. Self-insurance will not be considered to comply with these specifications unless approved by the CRIA.

**Timely Notice of Claims.** Contractor shall give CRIA prompt and timely notice of claims made or suits instituted that arise out of or result from Contractor's performance under this Agreement, and that involve or may involve coverage under any of the required liability policies.

**Additional Insurance.** Contractor shall also procure and maintain, at its own cost and expense, any additional kinds of insurance, which in its own judgment may be necessary for its proper protection and prosecution of the work.

## EXPERIENCE AND SAFETY

The successful bidder may be required to submit a statement attesting to its financial responsibility, technical ability, experience, and safety record.

## PREVAILING WAGES

- A. Wage rates for this Project shall be in accordance with the "General Wage Determination Made by the Director of Industrial Relations Pursuant To California Labor Code, Part 7, Chapter 1, Article 2, Sections 1770, 1773 and 1773.1 ", for Los Angeles County. Wage rates shall conform to those on file at City Hall and the Project site.
- B. The following Labor Code sections are hereby referenced and made a part of this Agreement:
  - (i) Section 1775, Penalty for Failure to Comply with Prevailing Wage Rates.
  - (ii) Section 1777.4, Apprenticeship Requirements.
  - (iii) Section 1777.5, Apprenticeship Requirements.
  - (iv) Section 1813, Penalty for Failure to Pay Overtime.
  - (v) Section 1810 and 1811, Working Hour Restrictions.
  - (vi) Section 1775, Payroll Records.
  - (vii) Section 1773.8, Travel and Subsistence Pay.

## CONTRACTOR REGISTRATION PROGRAM

A contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, as defined in this chapter, unless currently registered and qualified to perform public work pursuant to Section 1725.5. **Please note:** *It is not a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded.* Any bids submitted without proof that bidder and any listed subcontractor(s) are currently registered and qualified to perform public work, pursuant to Labor Code Section 1725.5, may not be accepted by the CRIA.

## LABOR COMPLIANCE MONITORING AND ENFORCEMENT

The project is subject to compliance monitoring and enforcement by the Department of Industrial Relations (California Labor Code Section 1771.4).

## AGREEMENT

When the award of a contract is made to a corporation, the Agreement must be signed by the Secretary/Treasurer of the corporation in addition to the signature of the President/Vice President, or the public agency needs to receive a copy of a resolution adopted by the Board of Directors of the corporation indicating that the party executing the contract has the authority to bind the corporation.

## SURETY BONDS

All surety bonds issued in connection with projects for public works must be accompanied by a power of attorney from the surety company authorizing the person executing the bond to sign on behalf of the company. The power of attorney and the bonds must be executed by the same person, and such signatures shall be notarized.

By the order of the **CIVIC-RECREATIONAL-INDUSTRIAL AUTHORITY** dated **January 8, 2020**.

---

Julie Gutierrez-Robles, Secretary



**EXHIBIT D**

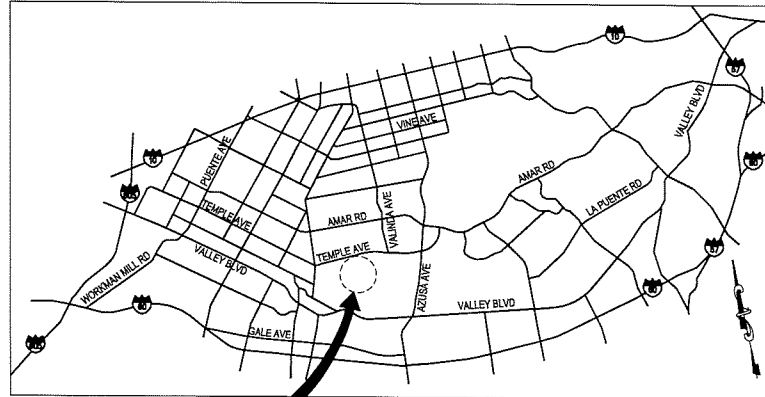
Reduced Set of Project Plans

[Attached]

# CIVIC-RECREATIONAL-INDUSTRIAL-AUTHORITY

CONTRACT NO. EXPO-2126

## LIGHTING AND ELECTRICAL IMPROVEMENTS EXPO CENTER PARKING LOTS



PROJECT LOCATION

VICINITY MAP  
NOT TO SCALE

### PROJECT UNIT NARRATIVE / SCOPE

#### GRAND ARENA

WORK TO BE DONE PER THESE DRAWINGS:

1. ALL SUBSTRUCTURE WORK SUCH AS CONDUITS, PULL BOXES, TRANSFORMER PAD, POLE FOUNDATIONS, ETC. HAD BEEN COMPLETED.
2. ALL 600 VOLT CABLE, LUMINAIRES, 250 KVA TRANSFORMER, AND OUTLET PANELS ARE TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR PER THESE DRAWINGS.
3. INSTALLATION OF RECEPTACLES ON LIGHTING POLES PER THESE DRAWINGS.
4. REMOVE EXISTING RV CHARGING PEDESTALS.
5. FURNISH AND INSTALL NEW RV CHARGING PEDESTALS.
6. REMOVE EXISTING HPS LUMINAIRES INCLUDING FURNISH AND INSTALLATION OF NEW LED LUMINAIRES.
7. EXTENSION OF 480 VOLT POWER SOURCE TO THE NEW TRANSFORMER FROM PULL BOX ABOVE STREAM WITH 3-500 MCM COPPER 600 VOLT CABLE PER PHASE.
8. FURNISH AND INSTALL 250 KVA 480 TO 120/240 VOLT DRY TYPE TRANSFORMER.

#### PAVILLION PARKING LOT

WORK TO BE PERFORMED PER THESE DRAWINGS:

1. ALL CIVIL WORK SUCH AS CONDUITS, PULL BOXES AND TRANSFORMER PAD, ETC. HAD BEEN INSTALLED.
2. FURNISH AND INSTALL ALL 600 VOLT CABLE LUMINAIRES, 50 KVA TRANSFORMER, AND OUTLET PANELS.
3. INSTALL RECEPTACLES ON EXISTING LIGHTING POLES.
4. EXTEND 480-VOLT POWER SOURCE FROM MOSS 480 VOLT SWITCHGEAR TO NEW 50 KVA TRANSFORMER.
5. FURNISH AND INSTALL 50 KVA 480 TO 120/240 VOLT DRY TYPE TRANSFORMER.
6. REMOVAL EXISTING HPS LUMINAIRES AND FURNISH AND INSTALL NEW LED LUMINAIRES.

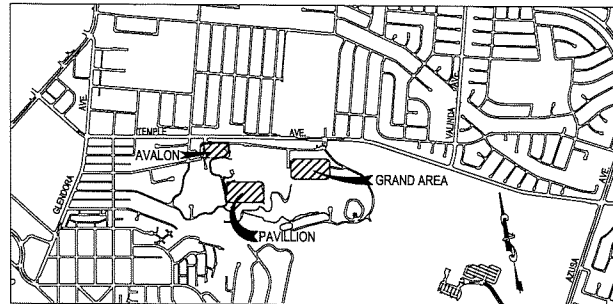
#### PAVILLION PARKING LOT

WORK TO BE PERFORMED PER THESE DRAWINGS:

1. ALL CIVIL WORK SUCH AS CONDUIT, PULL BOXES, TRANSFORMER PAD, AND FOUR POLES, INCLUDING FOUNDATIONS, NEW BOLLARDS, HAD BEEN INSTALLED AND CONSTRUCTED.
2. FURNISH AND INSTALL ALL WIRING, LED LUMINAIRES, OUTLET PANEL, AND 50 KVA NEW TRANSFORMER.
3. FURNISH AND INSTALL RECEPTACLES ON EXISTING LIGHTING POLES.
4. EXTEND 480-VOLT POWER SOURCE TO THE TRANSFORMER.
5. FURNISH AND INSTALL 480 TO 120/240 VOLT DRY TYPE TRANSFORMER.

### INDEX OF DRAWINGS

PROJECT SHEET NO.	DRAWING NAME	DESCRIPTION
GENERAL PLANS		
1	TTL-1	GENERAL LOCATION PLAN
2	TTL-2	GENERAL NOTES, SYMBOLS AND ABBREVIATIONS
ELECTRICAL PLANS		
3	E-1	PAVILLION PARKING LOT - ELECTRICAL PLOT PLAN
4	E-2	PAVILLION PARKING LOT - LIGHTNING PLAN PHOTOMETRICS ANALYSIS
5	E-3	PAVILLION PARKING LOT - LIGHTNING POLE AND CONDUIT DETAILS
6	E-4	PAVILLION PARKING LOT - ELECTRICAL PLOT PLAN
7	E-5	PAVILLION PARKING LOT - LIGHTNING PLAN PHOTOMETRICS ANALYSIS
8	E-6	PAVILLION PARKING LOT - LUMINAIRE, RECEPTACLE, PANEL & POLE INDEXING DETAILS
9	E-7	GRAND ARENA PARKING LOT - ELECTRICAL PLOT PLAN
10	E-8	GRAND ARENA PARKING LOT - LIGHTNING PLAN PHOTOMETRICS ANALYSIS
11	E-9	GRAND ARENA PARKING LOT - LUMINAIRE, RECEPTACLE & POLE INDEXING DETAILS
12	E-10	GRAND ARENA PARKING LOT - PANEL & RV STATION DETAILS
13	E-11	GRAND ARENA PARKING LOT - RV STATION CONDUIT DETAILS
14	E-12	GRAND ARENA PARKING LOT - TRANSFORMER, PANEL & JUNCTION BOX DETAILS
15	E-13	PAVILLION PARKING LOT - SINGLE LINE DIAGRAM
16	E-14	PAVILLION PARKING LOT - SINGLE LINE DIAGRAM
17	E-15	GRAND ARENA PARKING LOT - SINGLE LINE DIAGRAM



PARKING LOTS LOCATION MAP  
NOT TO SCALE

#### NOTICE TO CONTRACTOR:

APPROVAL OF THIS PLAN BY THE ENGINEER AND THE CITY ENGINEER DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION OF OR THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPE OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS.



Know what's below.  
Call before you dig.

NO.	DATE	REVISIONS	OK BY



CITY OF INDUSTRY

INCORPORATED JUNE 18, 1957  
P.O. Box 3386, City of Industry, California 91744  
Administrative Offices: 15625 E. Stafford Street  
(626) 333-2211



Prepared by:



250 N. Henderson Blvd., Ste. 222  
City of Industry, Ca. 91744  
Phone (626) 333-2228  
Fax (626) 333-2278

DEV D. BIRLA, ELECTRICAL P.E. 11608 DATE

### CIVIC-RECREATIONAL-INDUSTRIAL-AUTHORITY

APPROVED BY:	APPROVED BY:
JOSHUA L. NELSON, R.C.E. 08293	TRAY HELLING, ELECTRIC DIRECTOR
CITY ENGINEER	DATE

LIGHTING AND ELECTRICAL IMPROVEMENTS  
EXPO CENTER PARKING LOTS

EXPO CENTER LIGHTING AND ELECTRICAL IMPROVEMENTS  
GENERAL LOCATION PLAN

DESIGNED BY: J.K.	CHECKED BY: D.B.	PROJECT NO. EXPO-2126	SHT. 1 OF 17
DRAFTED BY: J.K.	DATE: 12/13/19	DWG NO. TTL-1	

CONTRACT DRAWING 1 OF 17

GENERAL NOTES:

- 1. ALL WORK SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTION OF THE 2018 EDITION OF THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION," AND THE 2018 SUPPLEMENTS THERETO, EXCEPT AS HEREIN CALLED FOR IN THESE SPECIFICATIONS. THESE STANDARDS ARE PUBLISHED BY BUILDING NEWS INC., LOCATED AT 890 PARK CENTER DRIVE, VISTA, CA, AND APPROPRIATE STANDARD DRAWINGS, OR EXCEPT AS CALLED FOR IN RELATED STANDARDS OF THE CITY OF INDUSTRY PUBLIC WORKS DEPARTMENT.
2. ALL WORK COVERED IN THIS PLAN SHALL BE INSPECTED BY THE IPUC INSPECTOR. REQUEST FOR INSPECTION SERVICE SHALL BE MADE 72-HOURS OR THREE (3) WORKING DAYS IN ADVANCE AT (310)728-5073 OR (310)728-2849.
3. THE CONTRACTOR SHALL NOTIFY THE LOS ANGELES COUNTY FIRE DEPARTMENT (626) 963-2417 AND THE LOS ANGELES SHERIFF DEPARTMENT (626) 330-3322 AT THE CITY OF INDUSTRY SUBSTATION AT LEAST 48-HOURS PRIOR TO START OF WORK.
4. EXISTING CONCRETE IMPROVEMENTS AND ASPHALT CONCRETE PAVEMENT SHALL BE SAW CUT, FULL DEPTH, TO A TRUE LINE WHERE NEW CONCRETE OR ASPHALT IS TO JOIN.
5. CONTRACTOR SHALL MAINTAIN GRADUAL CONDUIT BEND(S) FOR ALL DUCT BANK INSTALLATION HORIZONTAL SWEEPS SHALL HAVE AS LARGE A RADIUS AS POSSIBLE WITH MINIMUM 12" RADIUS FOR 2" AND 3" DUCT BANKS.
6. THE CONTRACTOR SHALL FURNISH AND INSTALL PRECAST CONCRETE SUBSTRUCTURES (PULL BOXES, CONDUITS, TRANSFORMER PADS, FOUNDATIONS, ETC.) TYPE AND SIZE AS SPECIFIED ON THE PLANS.
7. EXCAVATION, TRENCHING, BACKFILL, COMPACTION, AND SHORING SHALL BE IN ACCORDANCE WITH THE CITY OF INDUSTRY STANDARD PLANS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 2018 EDITION WITH ALL CURRENT SUPPLEMENTS, PUBLISHED BY BUILDING NEWS INC.
8. CONTRACTOR SHALL AT ALL TIME KEEP THE PREMISES FREE FROM ACCUMULATION OF WASTE MATERIALS OR RUBBISH DURING THE CONSTRUCTION. UPON COMPLETION OF DAILY WORK, THE CONTRACTOR SHALL REMOVE ALL HIS RUBBISH, TOOLS, SHORING, AND SURPLUS MATERIALS FROM AND ABOUT THE WORK AREA AND MAINTAIN THE SITE "BROOM CLEAN."
9. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL UTILITIES OF EVERY NATURE, WHETHER SHOWN HEREON OR NOT, TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR THE TOTAL EXPENSE OF REPAIR OR REPLACEMENT OF SAID UTILITIES DAMAGED BY OPERATIONS IN CONNECTION WITH THE PROSECUTION OF THE WORK.
10. ANY CONTRACTORS OR SUBCONTRACTOR PERFORMING WORK ON THIS PROJECT SHALL FAMILIARIZE HIMSELF WITH THE SITE AND SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGE TO EXISTING FACILITIES RESULTING DIRECTLY OR INDIRECTLY FROM HIS OPERATIONS, WHETHER OR NOT SUCH FACILITIES ARE SHOWN ON THESE PLANS.
11. UTILITIES PROTECT-IN-PLACE: CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT DAMAGE TO THE EXISTING UTILITIES CONDUITS AND SUBSTRUCTURES OR OTHER EXISTING IMPROVEMENT TO REMAIN.
12. CONTRACTOR SHALL ALSO PROVIDE ALL NECESSARY BRACING, PLATING, SHORING, SCAFFOLDING OR OTHER MEASURES NECESSARY FOR CONSTRUCTION.
13. SANITARY CONVENIENCES: THE CONTRACTOR SHALL ALSO PROVIDE ADEQUATE SANITARY CONVENIENCES FOR THE USE OF ALL PERSONS AT THE CONSTRUCTION SITE OF THE WORK. SUCH CONVENIENCES SHALL INCLUDE CHEMICAL TOILETS OR WATER CLOSETS. AT COMPLETION OF THE WORK ALL SUCH CONVENIENCES SHALL BE REMOVED AND THE SITE LEFT IN SANITARY CONDITION.
14. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING IMPROVEMENTS, WHICH ARE TO REMAIN IN PLACE, FREE FROM DAMAGE. ANY IMPROVEMENTS THAT ARE DAMAGED BY THE CONTRACTOR'S OPERATIONS AND IMPROVEMENTS SHALL BE EXPEDITIOUSLY REPAIRED OR RECONSTRUCTED TO THE IPUC ENGINEER'S SATISFACTION AND AT THE CONTRACTOR'S EXPENSE WITHOUT ADDITIONAL COMPENSATION.
15. CONTRACTOR SHALL RESTORE ALL EXISTING PAVED AREAS, ASPHALT, STRIPPING, CURB & GUTTER, SIDEWALKS, PARKWAYS, AND FENCES DISTURBED DURING CONSTRUCTION. ALL SITE DRAINAGE AFFECTED BY THE WORK SHALL BE RETURNED TO THE SAME OR BETTER CONDITION AFTER WORK IS COMPLETED. REPLACEMENT OF SIDEWALKS SHALL BE AT SCORE LINES.
16. THE CONTRACTOR SHALL PROVIDE AT HIS OWN COST ALL ELECTRICAL POWER NECESSARY FOR CONSTRUCTION, TESTING, GENERAL AND SECURITY LIGHTING AND ALL OTHER PURPOSES, WHETHER SUPPLIED THROUGH TEMPORARY OR PERMANENT FACILITIES.
17. UNLESS OTHERWISE SPECIFIED ALL WORK SHALL CONFORM TO THE 2018 EDITIONS OF THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" AND SUPPLEMENTS THERETO (APWA/AGC, "GREENBOOK").
18. THE CONTRACTOR SHALL MAINTAIN AT THE JOB SITE ALL APPLICABLE PERMITS.
19. THE CONTRACTOR IS RESPONSIBLE FOR DUST CONTROL MEASURES, VERIFY OF REQUIRED NOTIFICATIONS.
20. CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING ALL SAFETY OF PERSONS AND PROPERTIES. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER, ENGINEER, CITY OF INDUSTRY AND ITS EMPLOYEES HARMLESS FROM ANY LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT FOR LIABILITY ARISING FROM SOLE NEGLIGENCE OF OWNER, IPUC ENGINEER, OR CITY OF INDUSTRY.
21. CONTRACTOR SHALL POTHOLE ALL EXISTING UNDERGROUND UTILITIES AFTER THEY HAVE BEEN MARKED THROUGH UNDERGROUND SERVICE ALERT, TAKE ALL NECESSARY FIELD MEASUREMENTS (VERTICAL AND HORIZONTAL) PRIOR TO ORDERING AND FABRICATING. CONTRACTOR SHALL ASSUME AN AVERAGE OF 3 POTHOLES TO A DEPTH OF ONE (1) FOOT BELOW PROPOSED DUCT BANKS AT EACH SITE.
22. THE CONTRACTOR SHALL FURNISH POTABLE WATER FOR A DRINKING SOURCE FOR WORKERS, WHICH SHALL MEET ALL THE REQUIREMENTS OF THE COUNTY AND STATE HEALTH DEPARTMENTS.
23. ALL STRUCTURAL CONCRETE SHALL BE PORTLAND CEMENT CONCRETE (TYPE V) WITH AN ULTIMATE 28 DAYS COMPRESSIVE STRENGTH OF 4000 PSI UNLESS OTHERWISE NOTED.
24. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT THE JOBSITE. ALL DIMENSIONS PERTAINING TO THE EXISTING WORK ARE NOMINAL, AND EXACT CONDITIONS ARE TO BE FIELD DETERMINED, FABRICATE AND CONSTRUCT WORK TO MEET FIELD CONDITIONS.
25. AT THE COMPLETION OF THE PROJECT, CONTRACTOR SHALL SUBMIT ALL AS-BUILT RECORDS AND CONSTRUCTION RECORDED DRAWINGS TO THE IPUC ENGINEER.
26. CONTRACTOR TO POTHOLE AND FIELD VERIFY ALL AFFECTED UTILITIES PRIOR TO CONSTRUCTION.

ELECTRICAL GENERAL NOTES:

- 1. FOR QUESTIONS RELATED TO ELECTRICAL PLANS & SPECS CONTACT IPUC ELECTRICAL OPERATIONS MGR. AT (626)956-8044.
2. CONDUIT INSTALLATION: CONTRACTOR SHALL FURNISH AND INSTALL PVC CONDUIT MINIMUM SCHEDULE 40 RATED FOR 90°C. IN ADDITION, IT SHALL HAVE A MINIMUM OF 24" COVER, UNLESS APPROVED BY THE IPUC ENGINEER.
3. ALL BACKFILLED AND FILLS SHALL BE COMPACTED TO 90 PERCENT OF MAXIMUM DENSITY AS DETERMINED BY ASTM SOIL COMPACTION TEST D 1557-91 METHOD "D" UNLESS OTHERWISE SPECIFIED.

REGULATIONS, CODES, PERMITS AND FEES

- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR CONFORMING TO ALL RULES, REGULATIONS, LAWS, AND ORDINANCES GOVERNING THE AREA IN WHICH THE CONSTRUCTION OCCURS, SOME, BUT NOT NECESSARILY ALL, OF THE RULES, ORDINANCES AND CODES THAT GOVERN THE INSTALLATION OF ELECTRICAL SYSTEMS FOR AND WITHIN THIS PROJECT ARE AS FOLLOWS:
a. LIFE SAFETY CODE - NFPA NO. 101
b. NATIONAL ELECTRICAL CODE - NFPA NO. 70
2. CONTRACTOR SHALL OBTAIN THE REQUIRED PERMITS FROM THE LOCAL AUTHORITIES FOR HIS WORK AND TO PAY FOR ALL FEES REQUIRED BY THE LOCAL, STATE, AND FEDERAL AUTHORITIES FOR PERMITS, INSPECTIONS AND REVIEW, INCLUDING SPECIAL AGENCY CONSTRUCTION AND OPERATING PERMITS. CONTRACTOR SHALL MAKE CORRECTIONS IN THE WORK AS REQUIRED BY THE IPUC ENGINEER OR INSPECTORS TO PASS LOCAL REGULATIONS.
3. CONTRACTOR SHALL GIVE LOCAL AUTHORITIES ALL NOTICES RELATING TO HIS WORK.
4. PROVIDE OWNER, IPUC ENGINEER AND LOCAL INSPECTORS ACCESS TO WORK AT ALL TIMES.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LAW VIOLATIONS CAUSED BY THE WORK UNDER HIS CHARGE. CONTRACTOR SHALL NOTIFY IPUC ENGINEER IN WRITING WHEN A DISCREPANCY OCCURS BETWEEN CODE REQUIREMENTS AND WORK SHOWN ON DRAWINGS AND SHALL RESOLVE THE MATTER BEFORE PROCEEDING WITH WORK.

LEGEND

- E --- EXISTING ELECTRICAL CONDUIT
--- IRR --- EXISTING IRRIGATION
--- SD --- EXISTING STORM DRAIN
--- SS --- EXISTING SANITARY SEWER
--- RCP --- EXISTING REINFORCED CONCRETE PIPE
--- DOM --- EXISTING DOMESTIC WATER
EXISTING LIGHT
EXISTING PULL BOX
--- E --- NEW ELECTRICAL CONDUIT
NEW LED LUMINAIRE
NEW ELECTRICAL PULL BOX

ABBREVIATIONS

Table listing abbreviations and their meanings: ABT ABOUT, AC ASPHALTIC CONCRETE, AH AHEAD, AL ALUMINUM, APPROX. ~ APPROXIMATE, ASTM AMERICAN SOCIETY OF TESTING MATERIALS, ASPH ASPHALT, BK BACK, BLDG BUILDING, BOT BOTTOM, CB CATCH BASIN, C&G CURB AND GUTTER, C CENTER LINE, CONC CONCRETE, CONST CONSTRUCT OR CONSTRUCTION, DET DETAIL, DIA # DIAMETER, EA EACH, EB ELECTRICAL BOX, EG EXISTING GRADE OR GROUND, EL ELEVATION, EP EDGE OF PAVEMENT, EX, EXIST EXISTING, G GAS, GAL GALVANIZED, GND GROUND, GS GALVANIZED STEEL, IN INCHES, IPUC INDUSTRY PUBLIC UTILITIES COMMISSION, JT JOINT, LB POUND, LF LINEAR FEET, LN LANE, LT LIGHT, MAJ MAXIMUM, MDS# MULTIPoint DISTRIBUTION SYSTEM, MH MANHOLE, MIN MINIMUM, N NORTH, NO NUMBER, NTS NOT TO SCALE, OC ON CENTER, P PAGE NUMBER, PP POWER POLE, PWT PAVEMENT, R RADIUS, RCP REINFORCED CONCRETE PIPE, RD ROAD, REF REFERENCE, REQ'D REQUIRED, SD STORM DRAIN, SMH SEWER MANHOLE, SS SANITARY SEWER, ST STREET, STL STEEL, TB TRAFFIC BOX, TEMP TEMPORARY, TOC TOP OF CONCRETE, TOD TOP OF DUCT BANK, TOP TOP OF PIPE, TOW TOP OF WALL, TYP TYPICAL, TW TREE WELL, UG, U/G UNDERGROUND, VA VALVE, VCP VITRIFIED CLAY PIPE, VERT VERTICAL, W WATER OR WEST, XFMR TRANSFORMER

Table with columns: NO., DATE, REVISIONS, OK BY



CITY OF INDUSTRY

INCORPORATED JUNE 18, 1857
P.O. Box 3386, City of Industry, California 91744
Administrative Offices: 15625 E. Stafford Street
(626) 333-2211



Prepared by:
CNC Engineering
Consulting Civil Engineers - Surveyors
338 N. Hollywood Blvd., Ste. 222
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Fax (626) 338-2079

CIVIL-RECREATIONAL-INDUSTRIAL-AUTHORITY

LIGHTING AND ELECTRICAL IMPROVEMENTS
EXPO CENTER PARKING LOTS

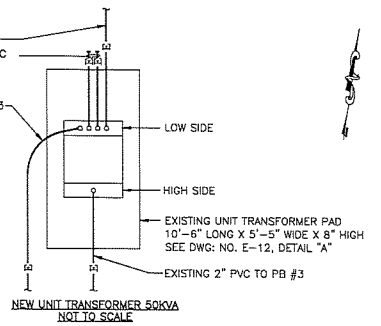
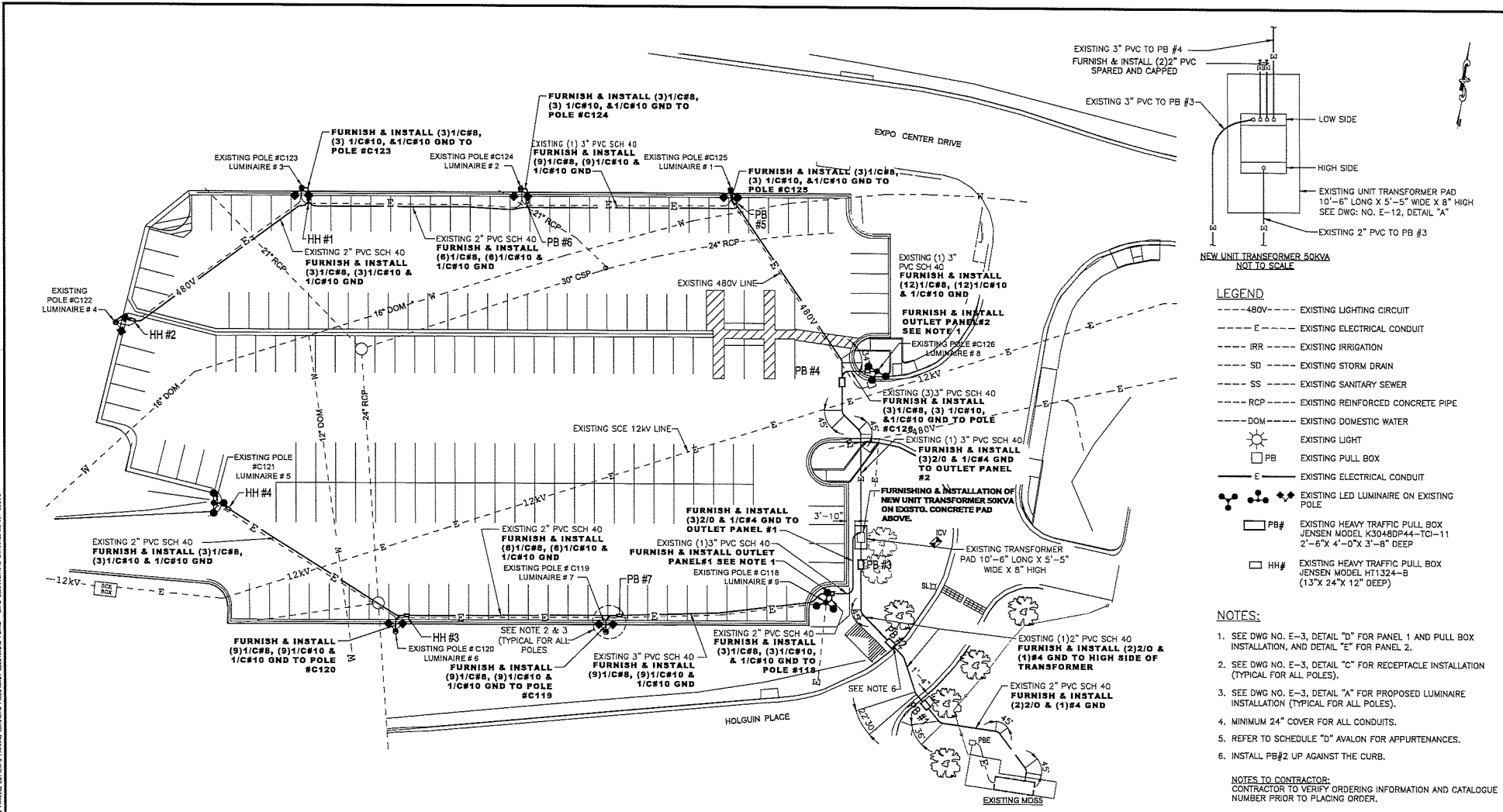
EXPO CENTER LIGHTING AND ELECTRICAL IMPROVEMENTS
GENERAL NOTES, SYMBOLS AND ABBREVIATIONS

Table with columns: DESIGNED BY: J.K., CHECKED BY: J.C./P.L., PROJECT NO.: EXPO-2126, SHEET 2 OF 17, DRAFTED BY: J.K., DATE: 12/10/19, DWG NO. T1L-2

CONTRACT DRAWING 2 OF 17



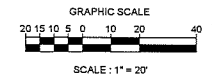
Know what's below.
Call before you dig.



- LEGEND**
- 480V --- EXISTING LIGHTING CIRCUIT
  - E --- EXISTING ELECTRICAL CONDUIT
  - IRR --- EXISTING IRRIGATION
  - SD --- EXISTING STORM DRAIN
  - SS --- EXISTING SANITARY SEWER
  - RCP --- EXISTING REINFORCED CONCRETE PIPE
  - DOM --- EXISTING DOMESTIC WATER
  - ☀ EXISTING LIGHT
  - ☐ PB EXISTING PULL BOX
  - E — EXISTING ELECTRICAL CONDUIT
  - EXISTING LED LUMINAIRE ON EXISTING POLE
  - ☐ PB# EXISTING HEAVY TRAFFIC PULL BOX JENSEN MODEL K304BDP44-TCI-11 2'-6\"/>
  - ☐ HH# EXISTING HEAVY TRAFFIC PULL BOX JENSEN MODEL HT1324-B (13\"/>

- NOTES:**
1. SEE DWG NO. E-3, DETAIL "D" FOR PANEL 1 AND PULL BOX INSTALLATION, AND DETAIL "E" FOR PANEL 2.
  2. SEE DWG NO. E-3, DETAIL "C" FOR RECEPTACLE INSTALLATION (TYPICAL FOR ALL POLES).
  3. SEE DWG NO. E-3, DETAIL "A" FOR PROPOSED LUMINAIRE INSTALLATION (TYPICAL FOR ALL POLES).
  4. MINIMUM 24" COVER FOR ALL CONDUITS.
  5. REFER TO SCHEDULE "D" AVALON FOR APPURTENANCES.
  6. INSTALL PB#2 UP AGAINST THE CURB.

**NOTES TO CONTRACTOR:**  
 CONTRACTOR TO VERIFY ORDERING INFORMATION AND CATALOGUE NUMBER PRIOR TO PLACING ORDER.



**NOTICE TO CONTRACTOR:**  
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NO.	DATE	REVISIONS	OK BY

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 City of Industry, Ca. 91744  
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 Fax (626) 333-7076

DEV. D. BIRLA, ELECTRICAL P.E. 11606      DATE

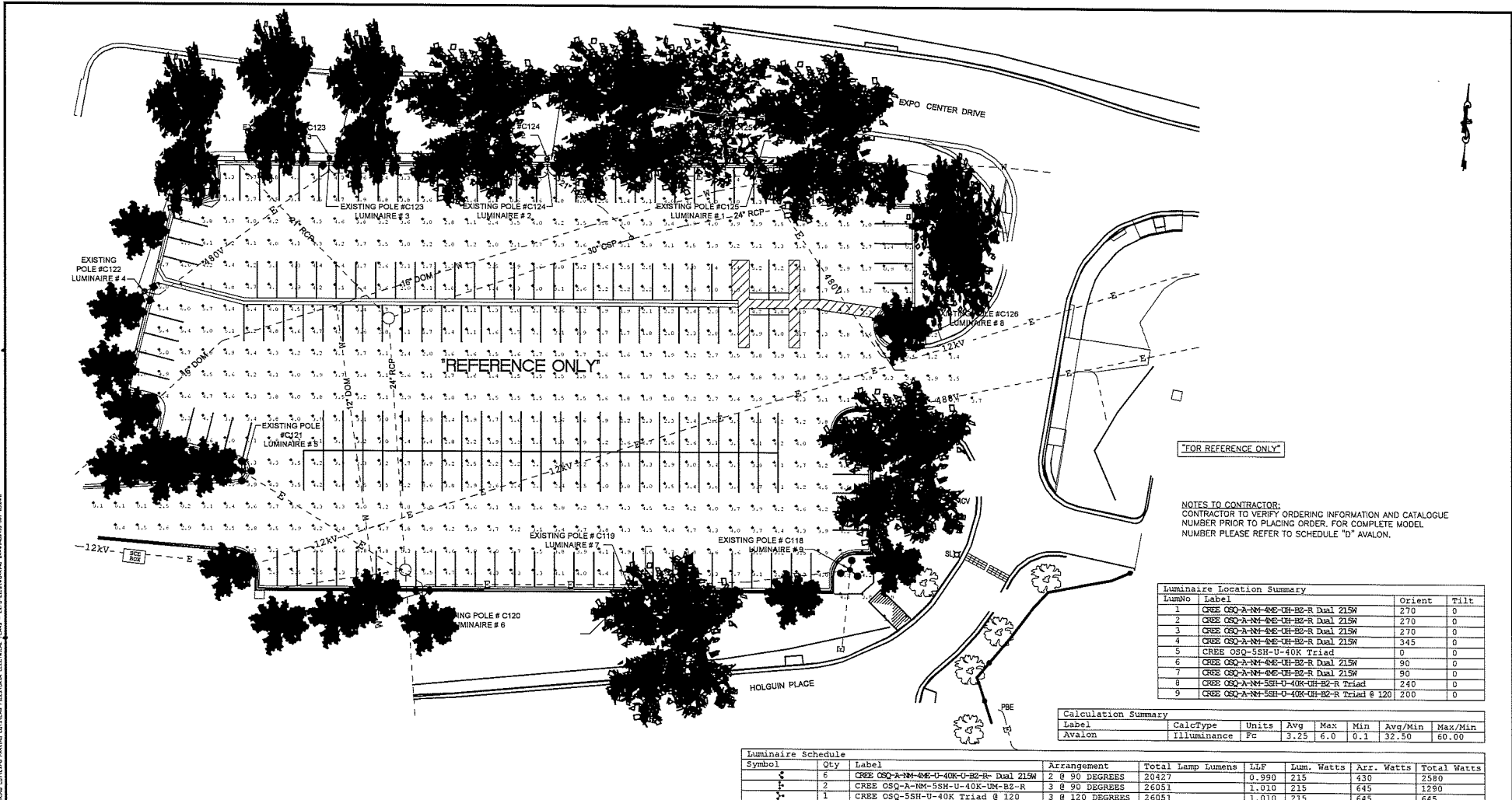
**CIVIL-RECREATIONAL-INDUSTRIAL-AUTHORITY**

**LIGHTING AND ELECTRICAL IMPROVEMENTS  
 EXPO CENTER PARKING LOTS**

**EXPO CENTER LIGHTING AND ELECTRICAL IMPROVEMENTS  
 AVALON PARKING PLAN  
 ELECTRICAL PLOT PLAN**

DESIGNED BY: J.K.      CHECKED BY: J.C./P.L.      PROJECT NO.: EXPO-2126      SHT. 3 OF 17  
 DRAFTED BY: J.K.      DATE: 12/16/16      DWG NO. E-1

CONTRACT NO. EXPO-2126



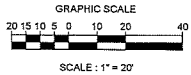
FOR REFERENCE ONLY

NOTES TO CONTRACTOR:  
 CONTRACTOR TO VERIFY ORDERING INFORMATION AND CATALOGUE NUMBER PRIOR TO PLACING ORDER. FOR COMPLETE MODEL NUMBER PLEASE REFER TO SCHEDULE "D" AVALON.

LumNo	Label	Orient	Tilt
1	CREE OSQ-A-NM-4M-U-40K-U-B2-R Dual 215W	270	0
2	CREE OSQ-A-NM-4M-U-40K-U-B2-R Dual 215W	270	0
3	CREE OSQ-A-NM-4M-U-40K-U-B2-R Dual 215W	270	0
4	CREE OSQ-A-NM-4M-U-40K-U-B2-R Dual 215W	345	0
5	CREE OSQ-5SH-U-40K Triad	0	0
6	CREE OSQ-A-NM-4M-U-40K-U-B2-R Dual 215W	90	0
7	CREE OSQ-A-NM-4M-U-40K-U-B2-R Dual 215W	90	0
8	CREE OSQ-A-NM-5SH-U-40K-U-B2-R Triad	240	0
9	CREE OSQ-A-NM-5SH-U-40K-U-B2-R Triad @ 120	200	0

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Avalon	Illuminance	Fc	3.25	6.0	0.1	32.50	60.00

Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Lum. Watts	Arr. Watts	Total Watts
⬇	6	CREE OSQ-A-NM-4M-U-40K-U-B2-R Dual 215W	2 @ 90 DEGREES	20427	0.990	215	430	2580
⬆	2	CREE OSQ-A-NM-5SH-U-40K-U-B2-R	3 @ 90 DEGREES	26051	1.010	215	645	1290
⬆	1	CREE OSQ-5SH-U-40K Triad @ 120	3 @ 120 DEGREES	26051	1.010	215	645	645



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 Fax (626) 333-7078

**CIVIL-RECREATIONAL-INDUSTRIAL-AUTHORITY**

LIGHTING AND ELECTRICAL IMPROVEMENTS  
 EXPO CENTER PARKING LOTS

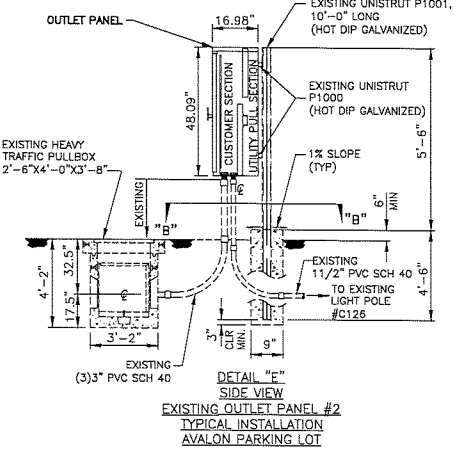
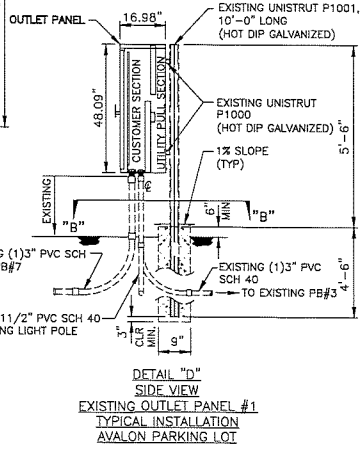
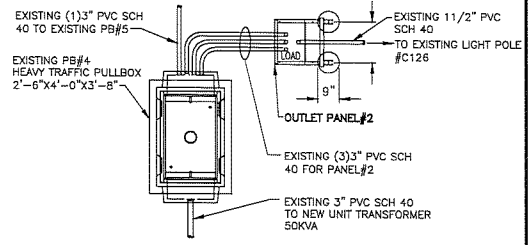
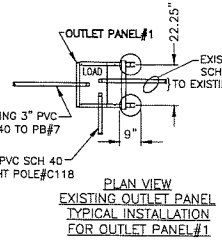
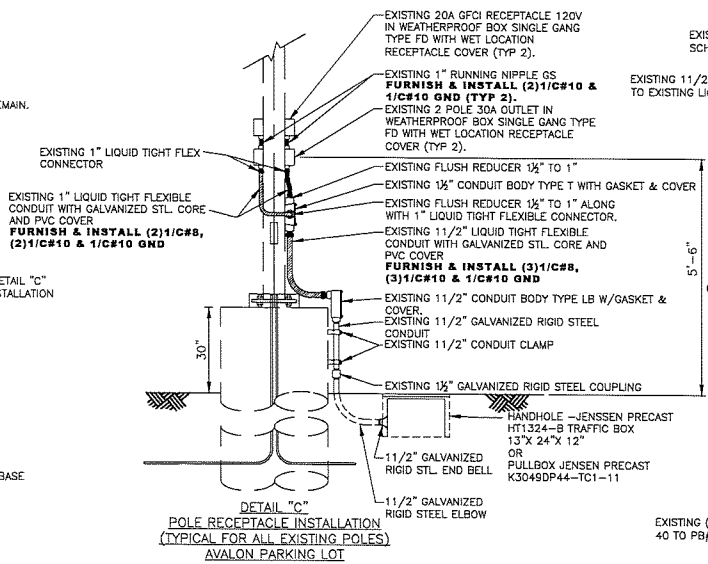
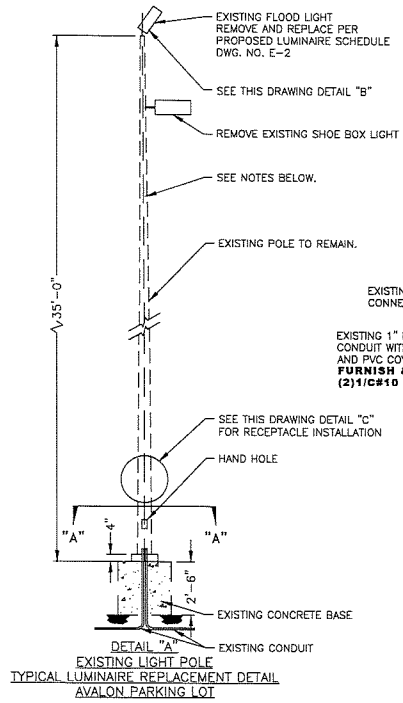
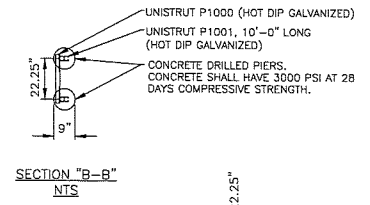
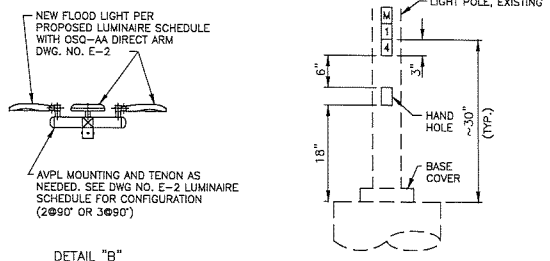
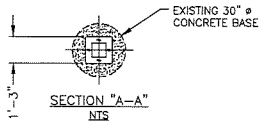
EXPO CENTER LIGHTING AND ELECTRICAL IMPROVEMENTS  
 AVALON PARKING LOT  
 LIGHTNING PLAN PHOTOMETRIC ANALYSIS

DESIGNED BY: JK CHECKED BY: JS/PJL PROJECT NO: EXPO-2126 SHEET 4 OF 17  
 DRAFTED BY: JK DATE: 12/16/19 DWG NO. E-2

CONTRACT DRAWING 4 OF 17



CONTRACT NO. EXPO-2126



**NOTICE TO CONTRACTOR:**  
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 DEV D. BIRLA, ELECTRICAL P.E. 11608 DATE

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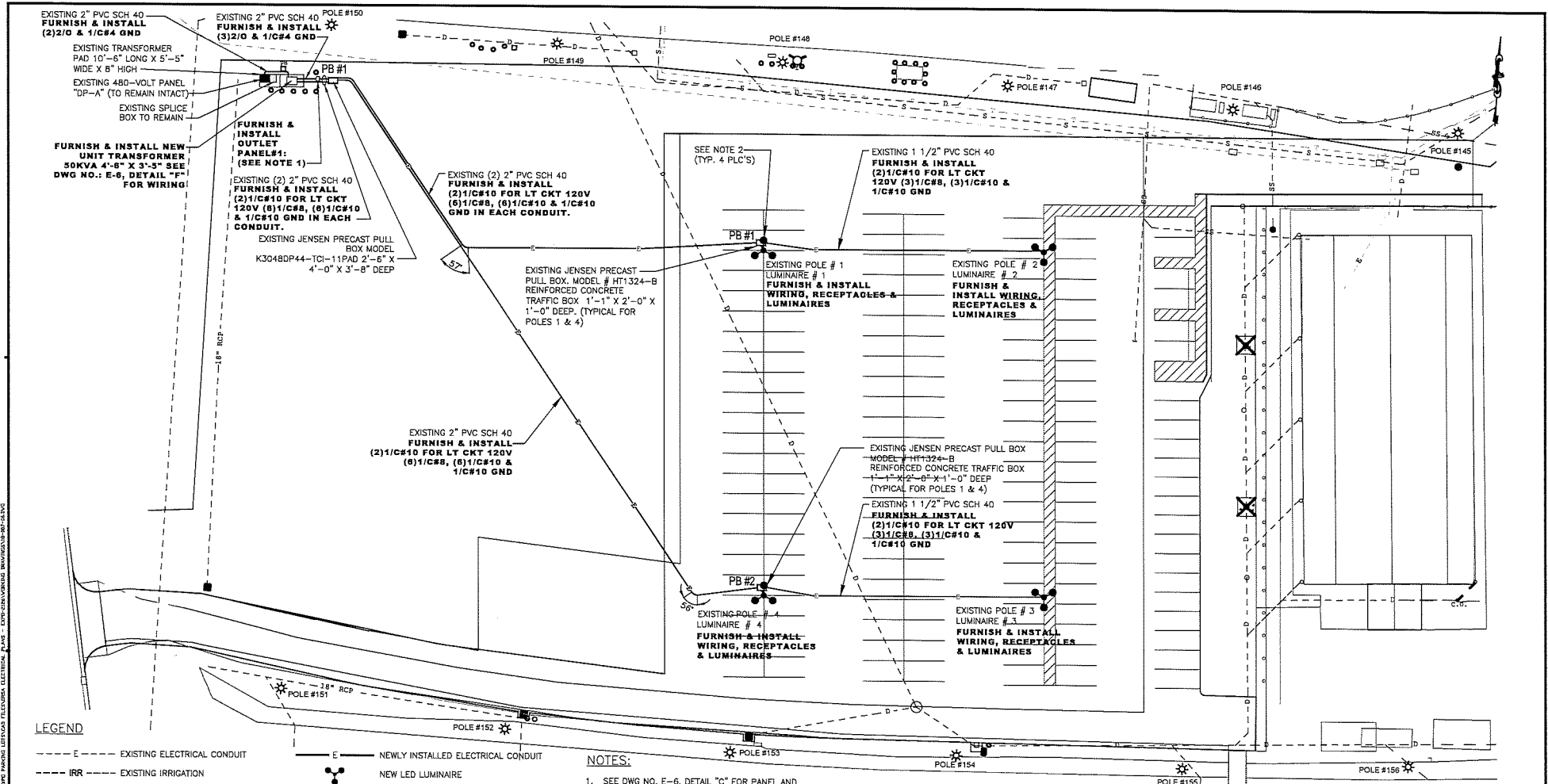
LIGHTING AND ELECTRICAL IMPROVEMENTS  
 EXPO CENTER PARKING LOTS

EXPO CENTER LIGHTING AND ELECTRICAL IMPROVEMENTS  
 AVALON PARKING LOT

LIGHTNING POLE AND CONDUIT DETAILS

DESIGNED BY: J.K. CHECKED BY: J.C./J.L. PROJECT NO: EXPO-2126 SHT. 5 OF 17  
 DRAFTED BY: J.K. DATE: 12/19/19 DWG NO. E-3

CONTRACT DRAWING 5 OF 17



**LEGEND**

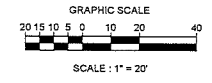
- E --- EXISTING ELECTRICAL CONDUIT
- IRR --- EXISTING IRRIGATION
- D --- EXISTING STORM DRAIN
- SS --- EXISTING SANITARY SEWER
- RCP --- EXISTING REINFORCED CONCRETE PIPE
- DOW --- EXISTING DOMESTIC WATER
- ☀ EXISTING LIGHT
- ☐ PB EXISTING PULL BOX

- E --- NEWLY INSTALLED ELECTRICAL CONDUIT
- ☀ NEW LED LUMINAIRE
- ☐ PB# EXISTING HEAVY TRAFFIC ELECTRICAL PULL BOX (2'-6" X 4'-0" X 3'-8" DEEP)
- ☐ PANEL# EXISTING MYERS PANEL USPOU SERIES (16.58" X 25.42" X 48.09" DEEP)
- ☐ PB# JENSEN PRECAST: MODEL # HT1324-B REINFORCED CONCRETE TRAFFIC BOX 1'-1" X 2'-0" X 1'-0" DEEP
- NEW BOLLARD

- NOTES:**
- SEE DWG NO. E-6, DETAIL "C" FOR PANEL AND JUNCTION BOX INSTALLATION.
  - SEE DWG NO. E-6, DETAIL "A" FOR PROPOSED POLE, FOUNDATION, LUMINAIRE & RECEPTACLE INSTALLATION (TYPICAL ALL POLES).
  - REFER TO SCHEDULE "D" PAVILION FOR APPURTENANCES.

**NOTICE TO CONTRACTOR:**  
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**NOTES TO CONTRACTOR:**  
 CONTRACTOR TO VERIFY ORDERING INFORMATION AND CATALOGUE NUMBER BEFORE PLACING ORDER.



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 INCORPORATED JUNE 16, 1957  
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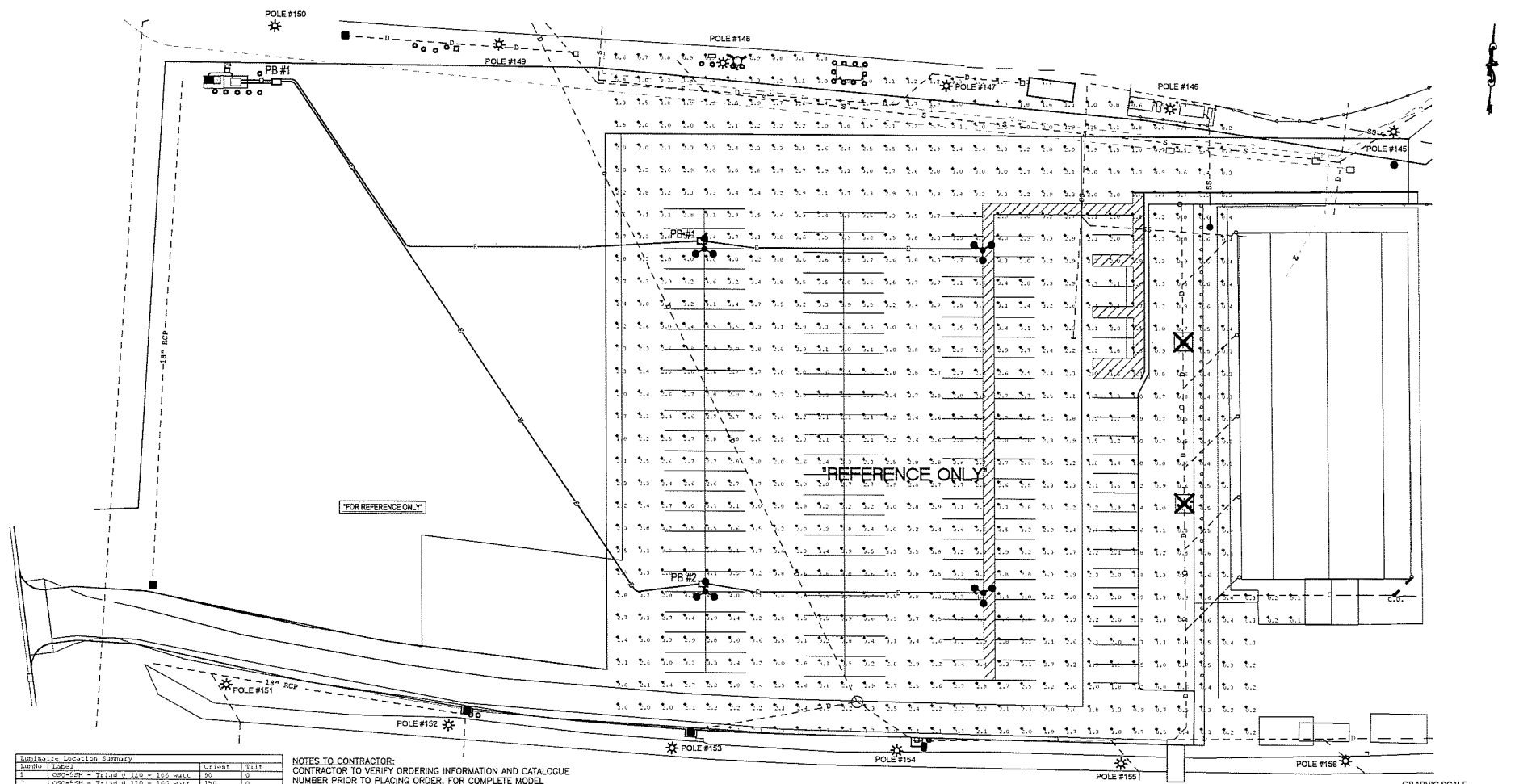
**CIVIL-RECREATIONAL-INDUSTRIAL-AUTHORITY**  
 LIGHTING AND ELECTRICAL IMPROVEMENTS  
 EXPO CENTER PARKING LOTS

EXPO CENTER LIGHTING AND ELECTRICAL IMPROVEMENTS  
 PAVILION PARKING LOT  
 ELECTRICAL PLOT PLAN

DESIGNED BY: J.K. CHECKED BY: J.C./P.L. PROJECT NO.: EXPO-2126 SHT. 6 OF 17  
 DRAFTED BY: J.K. DATE: 12/10/19 DWG NO.: E-4

CONTRACT DRAWING 6 OF 17

12/16/2019 3:09:35 PM 811 Know what's below. Call before you dig. CIVV-RECREATIONAL-INDUSTRIAL-AUTHORITY



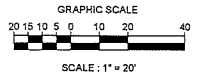
Number	Label	Color	Tilt
1	OSQ=SSH - Triad # 120 - 166 watt	300	0
2	OSQ=SSH - Triad # 120 - 166 watt	350	0
3	OSQ=SSH - Triad # 120 - 166 watt	420	0
4	OSQ=SSH - Triad # 120 - 166 watt	50	0

**NOTES TO CONTRACTOR:**  
 CONTRACTOR TO VERIFY ORDERING INFORMATION AND CATALOGUE NUMBER PRIOR TO PLACING ORDER. FOR COMPLETE MODEL NUMBER PLEASE REFER TO SCHEDULE "D" PAVILION.

Label	CalcType	Units	Avr	Max	Min	Avg/Min	Max/Min
Pavilion Parking 1	Illuminance	Fc	2.33	4.9	0.3	23.30	49.00

Symbol	Qty	Label	Adjustment	Total Lamp Lumens	Watt	Lum. Watts	Adj. Watts	Total Watts
1	4	OSQ=SSH - Triad # 120 - 166 watt	1.00	17,280	664	2,656	2,656	10,624

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NO.	DATE	REVISIONS	DR. BY



**CITY OF INDUSTRY**

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 City of Industry, Ca. 91744  
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 Fax (626) 333-0278

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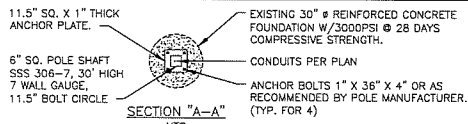
LIGHTING AND ELECTRICAL IMPROVEMENTS  
 EXPO CENTER PARKING LOTS

EXPO CENTER LIGHTING AND ELECTRICAL IMPROVEMENTS  
 PAVILION PARKING LOT  
 LIGHTNING PLAN PHOTOMETRIC ANALYSIS

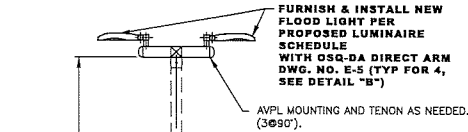
DESIGNED BY: J.K. CHECKED BY: J.C./P.L. PROJECT NO: EXPO-2126 SHT. 7 OF 17  
 DRAFTED BY: J.K. DATE: 12/10/19 DWG NO. E-5 CONTRACT DRAWING 7 OF 17

CONTRACT NO. EXPO-2126



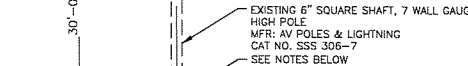


SECTION "A-A"  
NTS

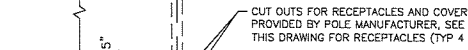


FURNISH & INSTALL NEW FLOOD LIGHT PER PROPOSED LUMINAIRE SCHEDULE WITH OSQ-DA DIRECT ARM DWG. NO. E-5 (TYP FOR 4, SEE DETAIL "B")

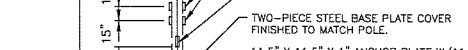
AVPL MOUNTING AND TENON AS NEEDED. (3099).



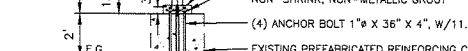
EXISTING 6" SQUARE SHAFT, 7 WALL GAUGE, 30" HIGH POLES & LIGHTNING CAT NO. SSS 306-7  
SEE NOTES BELOW



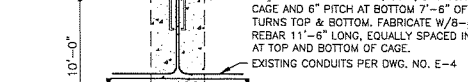
CUT OUTS FOR RECEPTACLES AND COVERS TO BE PROVIDED BY POLE MANUFACTURER, SEE DETAIL "G" THIS DRAWING FOR RECEPTACLES (TYP 4 PLACES).



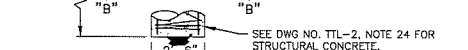
11.5" X 11.5" X 1" ANCHOR PLATE W/1/2" NON-SHRINK, NON-METALLIC GROUT



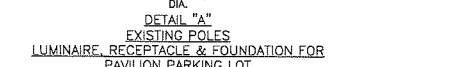
(4) ANCHOR BOLT 1" X 3/8" X 4", W/1/2" DIA.



EXISTING PREFABRICATED REINFORCING CAGE CONSISTING OF 1-#3 ASTM A615 GR. 60, 24" PITCH AT TOP 4'-0" OF CAGE AND 6" PITCH AT BOTTOM 7'-6" OF CAGE W/2 EXTRA TURNS TOP & BOTTOM. FABRICATE W/#5 ASTM A615 GR. 60 REBAR 11'-6" LONG, EQUALLY SPACED INSIDE SPIRAL, FLUSH AT TOP AND BOTTOM OF CAGE.

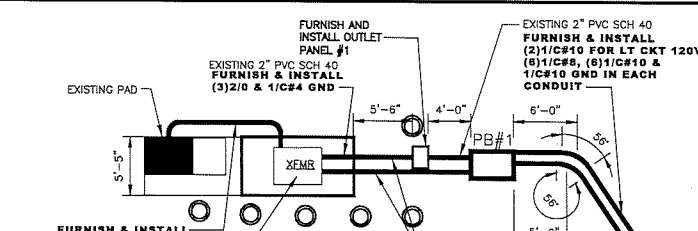


EXISTING CONDUITS PER DWG. NO. E-4

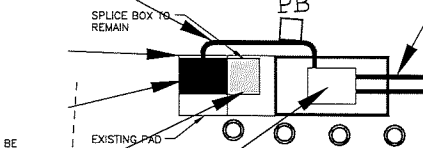


SEE DWG NO. TTL-2, NOTE 24 FOR STRUCTURAL CONCRETE.

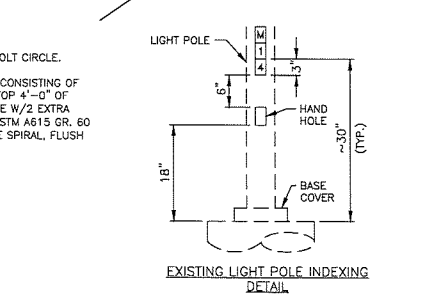
DETAIL "A"  
EXISTING POLES LUMINAIRE, RECEPTACLE & FOUNDATION FOR PAVILION PARKING LOT



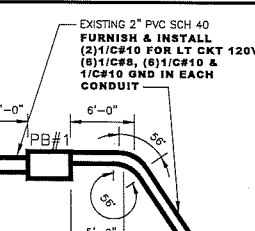
INSTALLATION OF NEW UNIT TRANSFORMER & PAD



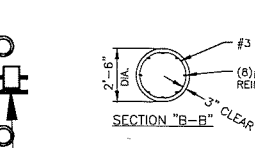
DETAIL "D"  
DEMOLITION EXISTING BOLLARD ADDITION OF 3 BOLLARDS



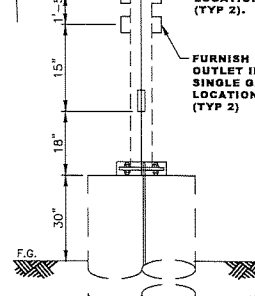
EXISTING LIGHT POLE INDEXING DETAIL



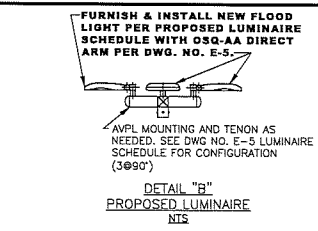
FURNISH & INSTALL 20A GFCI RECEPTACLE 120V IN WEATHERPROOF BOX SINGLE GANG TYPE FD WITH WET LOCATION RECEPTACLE COVER (TYP 2).



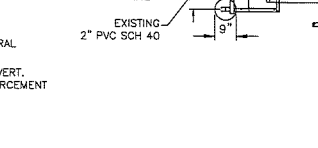
FURNISH & INSTALL 2 POLE 30A OUTLET IN WEATHERPROOF BOX SINGLE GANG TYPE FD WITH WET LOCATION RECEPTACLE COVER (TYP 2)



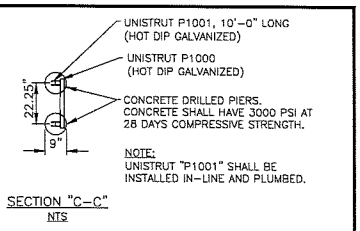
DETAIL "G"  
EXISTING POLES #1 THROUGH #4 RECEPTACLE INSTALLATION PAVILION PARKING LOT



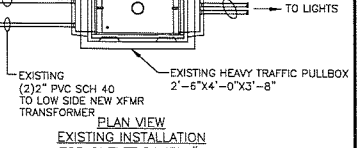
FURNISH & INSTALL NEW FLOOD LIGHT PER PROPOSED LUMINAIRE SCHEDULE WITH OSQ-AA DIRECT ARM PER DWG. NO. E-5.



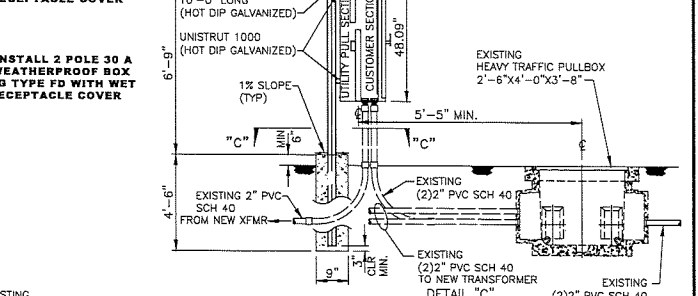
DETAIL "B"  
PROPOSED LUMINAIRE NTS



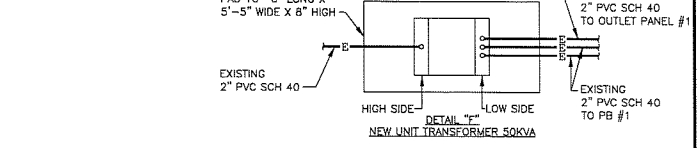
UNISTRUT P1001, 10'-0" LONG (HOT DIP GALVANIZED)  
UNISTRUT P1000 (HOT DIP GALVANIZED)  
CONCRETE DRILLED PIERS. CONCRETE SHALL HAVE 3000 PSI AT 28 DAYS COMPRESSIVE STRENGTH.  
NOTE: UNISTRUT P1001 SHALL BE INSTALLED IN-LINE AND PLUMBED.



PLAN VIEW EXISTING INSTALLATION FOR OUTLET PANEL #1



(TYPICAL INSTALLATION PAVILION PARKING LOT)



NEW UNIT TRANSFORMER 50KVA

NOTICE TO CONTRACTOR:  
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NO.	DATE	REVISIONS	CHK. BY

**CITY OF INDUSTRY**  
INCORPORATED JUNE 15, 1957  
P.O. Box 3366, City of Industry, California 91744  
Administrative Offices: 15625 E. Stafford Street (626) 333-2211

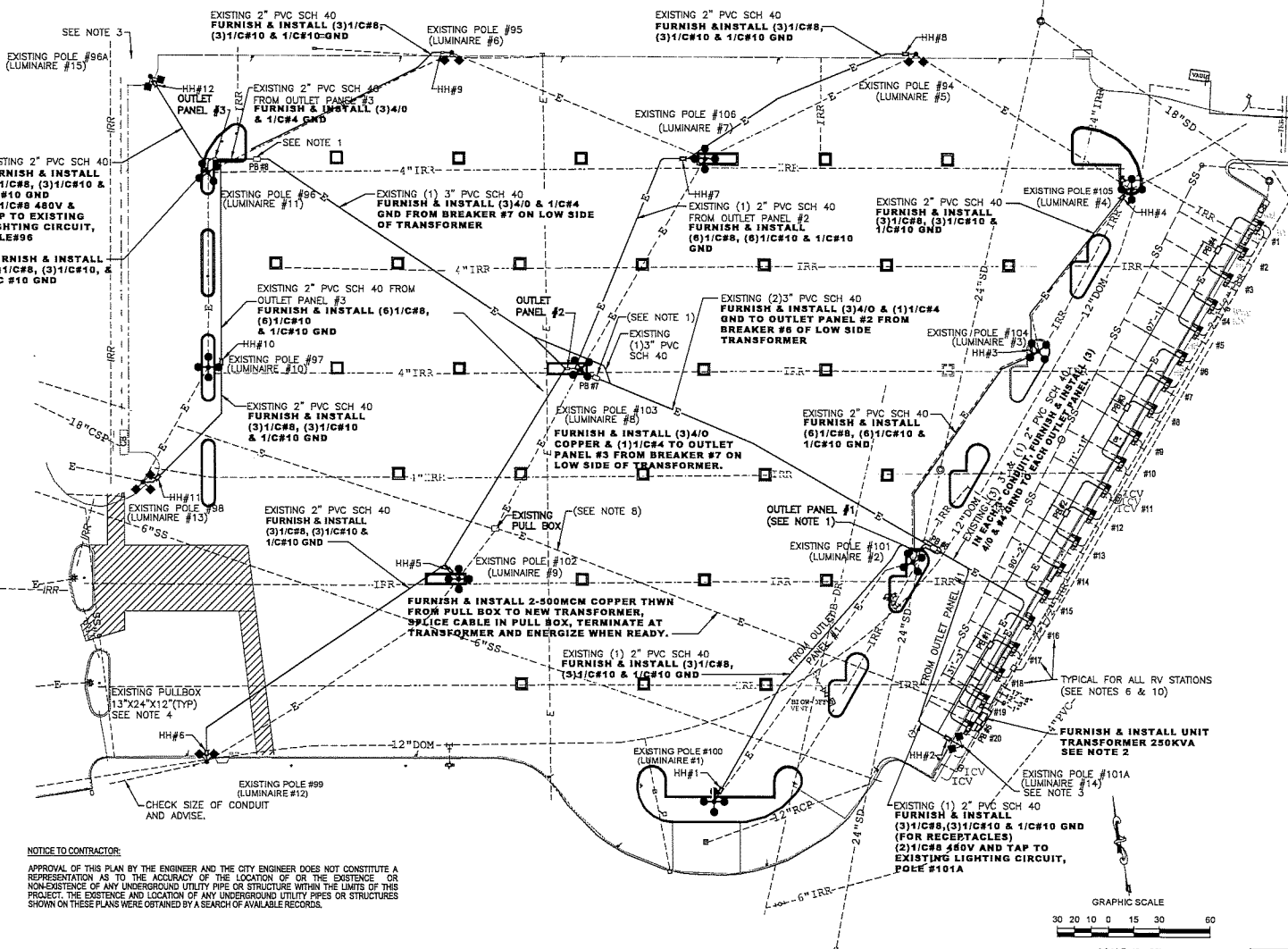
Prepared by:  
**CNC ENGINEERING**  
Consulting Civil Engineers - Surveyors  
355 N. Hollywood Blvd., Ste. 222  
City of Industry, Ca. 91744  
Phone (626) 333-0228  
Fax (626) 338-7078

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LIGHTING AND ELECTRICAL IMPROVEMENTS  
EXPO CENTER PARKING LOTS  
EXPO CENTER LIGHTING AND ELECTRICAL IMPROVEMENTS PAVILION PARKING LOT  
LUMINAIRE, RECEPTACLE, PANEL & POLE INDEXING DETAILS

DESIGNED BY: J.K. CHECKED BY: J.C./P.L. PROJECT NO.: EXPO-2126 SHT. 8 OF 17  
DRAFTED BY: J.K. DATE: 12/10/19 DWG NO. E-6

**811**  
Know what's below.  
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DATE PLOTTED: 12/16/2019 3:15:54 PM

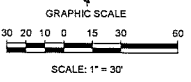


**LEGEND**

- E --- EXISTING ELECTRICAL CONDUIT
- IRR --- EXISTING IRRIGATION
- SD --- EXISTING STORM DRAIN
- SS --- EXISTING SANITARY SEWER
- RCP --- EXISTING REINFORCED CONCRETE PIPE
- DOM --- EXISTING DOMESTIC WATER
- SS --- EXISTING SANITARY SEWER
- E --- EXISTING ELECTRICAL CONDUIT
- ● ● ● ● NEW LED LUMINAIRE
- PB# EXISTING ELECTRICAL PULL BOX
- PANEL# EXISTING MYERS PANEL USPDU SERIES
- HH# EXISTING JENSEN PRECAST PULLBOX MODEL HT1J24-B

- NOTES:**
- SEE DWG NO. E-10, DETAIL "E" FOR PANEL AND JUNCTION BOX INSTALLATION DETAILS.
  - SEE SECTION C OF THE SPECIFICATIONS FOR MORE DETAILS. DWG NO. E-12, FOR TRANSFORMER INSTALLATION DETAILS.
  - SEE DWG NO. E-8, DETAIL "D" FOR RECEPTACLE INSTALLATION DETAILS (TYPICAL FOR ALL POLES).
  - SEE DWG NO. E-9, LIGHT POLE INDEXING DETAIL (TYPICAL FOR ALL POLES).
  - SEE DWG NO. E-11, FOR RV STATION CONDUIT DETAIL LAYOUT.
  - MINIMUM 24" COVER FOR ALL CONDUITS.
  - PULL NEW 2-500VCM COPPER THWN WIRES FROM PULL BOX TO WIRING FROM PULL BOX TO NEW UNIT TRANSFORMER WHEN READY RECONNECT AND ENERGIZE.
  - FOR FOUNDATION PAD SEE DETAIL "A", DWG: NO. E-12
  - SEE DETAIL "F" DWG NO. E-10 FOR TYPICAL RV STATION CONNECTION.
  - REFER TO SCHEDULE "D" GRAND ARENA FOR APPURTENANCES.
  - SEE SINGLE LINE-DIAGRAM ON SHEET E-17 FOR MORE DETAILS ON BREAKER POSITIONS OF TRANSFORMER AND WIRE SIZE TO EACH OUTLET PANEL AND RV CHARGERS PULL BOXES.

**NOTES TO CONTRACTOR:**  
CONTRACTOR TO VERIFY ORDERING INFORMATION AND CATALOGUE NUMBER PRIOR TO PLACING ORDER.



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INCORPORATED JUNE 16, 1927  
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Administrative Offices: 15625 E. Stafford Street (626) 333-2211

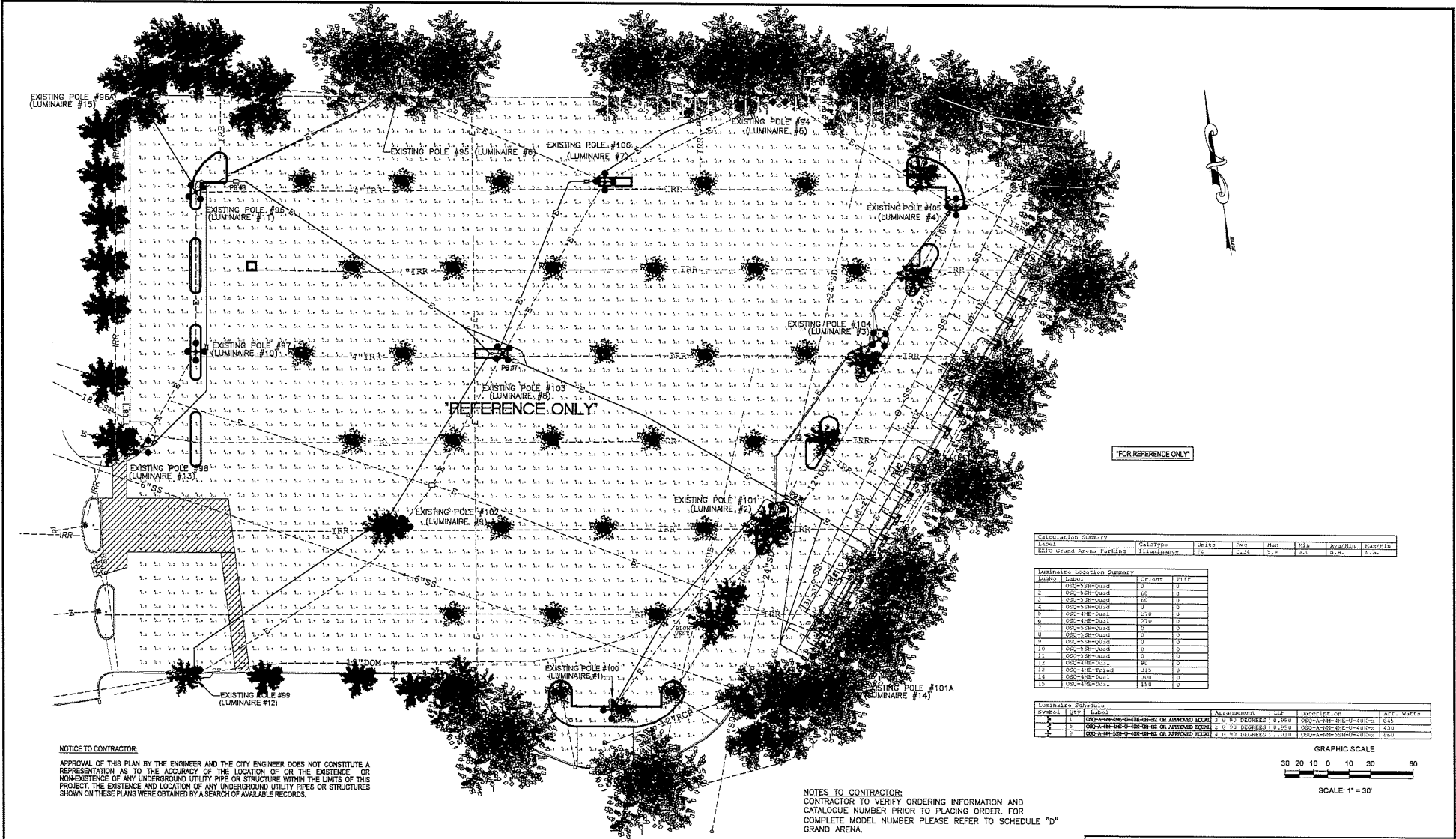
**CNC ENGINEERS**  
255 N. Holladay Blvd., Ste. 222  
City of Industry, Ca. 91744  
Phone (626) 333-3334  
Fax (626) 336-7076  
Consolidating Civil Engineers - Surveyors

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EXPO CENTER PARKING LOTS  
EXPO CENTER LIGHTING AND ELECTRICAL IMPROVEMENTS  
GRAND ARENA PARKING LOT  
ELECTRICAL PLOT PLAN

DESIGNED BY: J.K. CHECKED BY: J.C./P.L. PROJECT NO.: EXPO-2126 SHT. 9 OF 17  
DRAFTED BY: J.K. DATE: 12/10/19 DWG. NO. E-17



CONTRACT NO. EXPO-2126

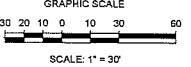


FOR REFERENCE ONLY

Calculation Summary							
Item	Quantity	Units	AMP	Watt	Volts	Watt/Min	Req/Min
120 Grand Arena Parking	12	Luminaires	12.2	32.7	120		

Luminaire Location Summary			
Item	Height	Mount	Size
1	050-25H-Quad	0	0
2	050-25H-Quad	400	0
3	050-25H-Quad	400	0
4	050-25H-Quad	0	0
5	050-4HE-Quad	270	0
6	050-4HE-Quad	270	0
7	050-25H-Quad	0	0
8	050-25H-Quad	0	0
9	050-25H-Quad	0	0
10	050-25H-Quad	0	0
11	050-25H-Quad	0	0
12	050-4HE-Quad	270	0
13	050-4HE-Quad	410	0
14	050-4HE-Quad	200	0
15	050-4HE-Quad	150	0

Luminaire Schedule					
Quantity	Qty	Manufacturer	Model	Description	Alt. Wt.
1	12	OSI	050-25H-Quad	OSI-25H-Quad-400-0-0-0	145
2	2	OSI	050-4HE-Quad	OSI-4HE-Quad-270-0-0-0	430
3	1	OSI	050-4HE-Quad	OSI-4HE-Quad-410-0-0-0	430
4	1	OSI	050-4HE-Quad	OSI-4HE-Quad-200-0-0-0	150



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 CONTRACTOR TO VERIFY ORDERING INFORMATION AND CATALOGUE NUMBER PRIOR TO PLACING ORDER. FOR COMPLETE MODEL NUMBER PLEASE REFER TO SCHEDULE "D" GRAND ARENA.

NO.	DATE	REVISIONS	OK BY



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INCORPORATED JUNE 18, 1887  
 P.O. Box 3368, City of Industry, California 91744  
 Administrative Offices: 15825 E. Stafford Street  
 (626) 333-2211



Prepared by:  
**CNC**  
 ENGINEERING  
 Consulting Civil Engineers - Surveyors  
 255 N. Hacienda Blvd., Ste. 222  
 City of Industry, Ca. 91744  
 Phone (626) 333-8888  
 Fax (626) 333-7078

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**LIGHTING AND ELECTRICAL IMPROVEMENTS  
 EXPO CENTER PARKING LOTS**

**EXPO CENTER LIGHTING AND ELECTRICAL IMPROVEMENTS  
 GRAND ARENA PARKING LOT  
 LIGHTING PLAN PHOTOMETRIC ANALYSIS**

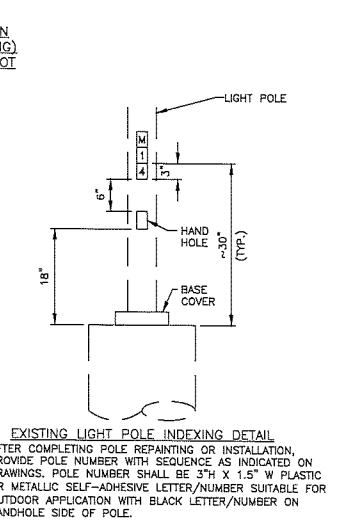
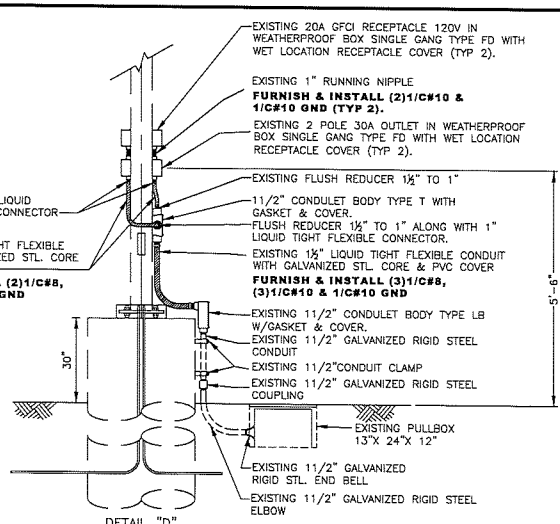
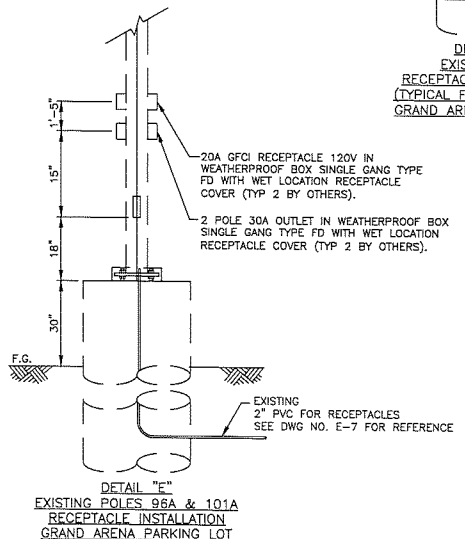
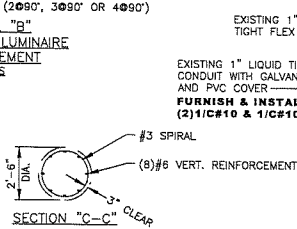
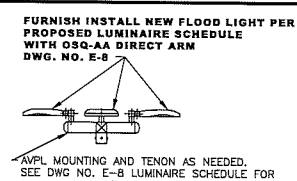
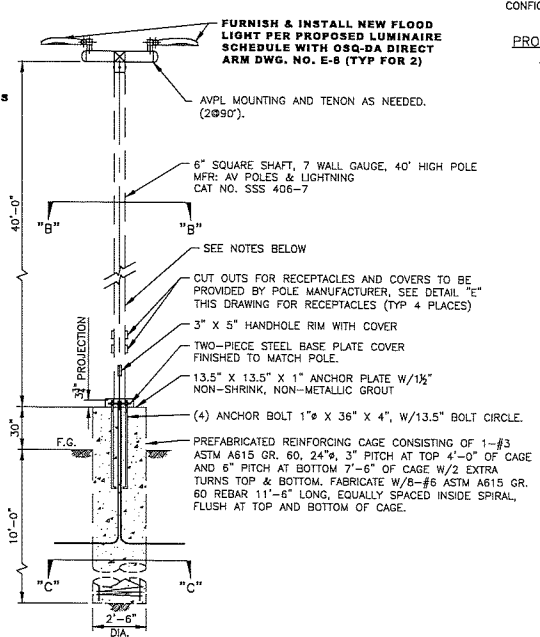
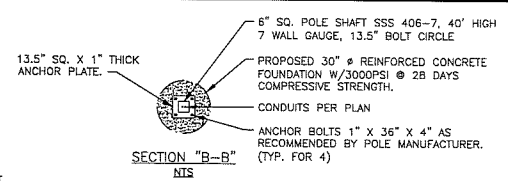
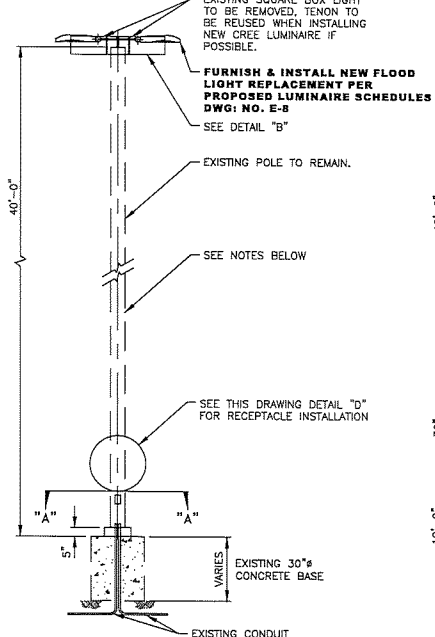
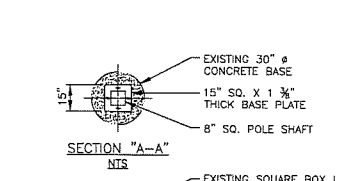
DESIGNED BY: J.K. CHECKED BY: J.C./P.L. PROJECT NO: EXPO-2126 SHEET 10 OF 17  
 DRAFTED BY: J.K. DATE: 12/16/19 DWS NO. E-8

CONTRACT DRAWING 10 OF 17

Know what's below.  
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CONTRACT NO. EXPO-2126

K:\DWG\DWG\001\001-001-3 - EXPO CENTER PARKING LOT\UTILITY PANELS\UTILITY PANELS ELECTRICAL PLANS - EXPO CENTER PARKING LOT\DWG\001-001-3.DWG



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Administrative Offices: 15695 E. Stafford Street  
(626) 333-2211



Prepared by:  
**CNC**  
ENGINEERING  
355 N. Hacienda Blvd., Ste. 222  
City of Industry, Ca. 91744  
Phone (626) 333-3336  
Fax (626) 338-7078  
Consisting of Civil Engineers & Surveyors

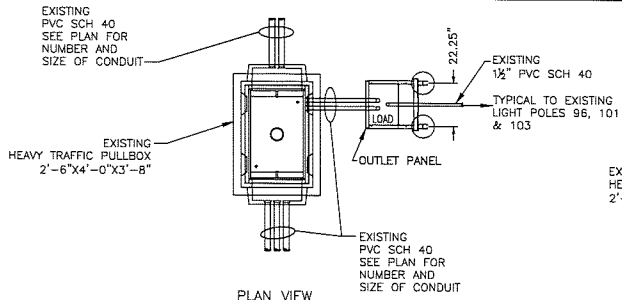
**CIVIC-RECREATIONAL-INDUSTRIAL-AUTHORITY**

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EXPO CENTER PARKING LOTS

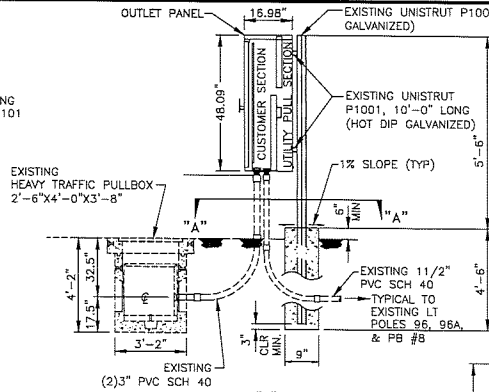
EXPO CENTER LIGHTING AND ELECTRICAL IMPROVEMENTS  
GRAND ARENA PARKING LOT  
LUMINAIRE, RECEPTACLE & POLE INDEXING DETAILS

DESIGNED BY: J.K. CHECKED BY: J.C./P.L. PROJECT NO.: EXPO-2126 SHT. 11 OF 17  
DRAFTED BY: J.K. DATE: 12/19/15 DWG NO.: E-5

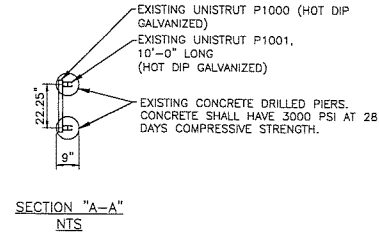
CONTRACT DRAWING 11 OF 17



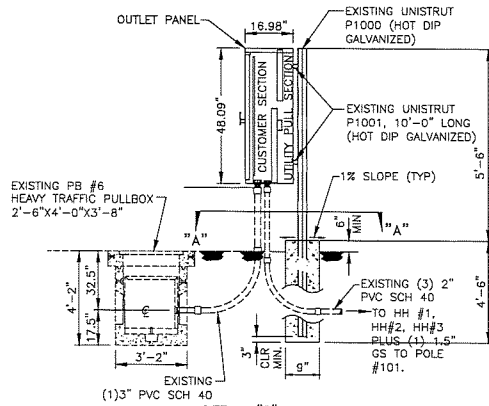
PLAN VIEW  
EXISTING OUTLET PANEL #1  
EXISTING TYPICAL INSTALLATION  
FOR OUTLET PANELS #2 & #3



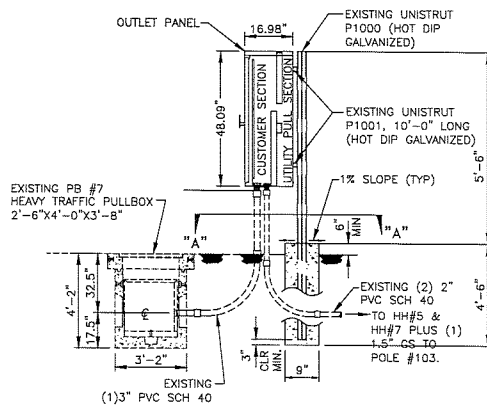
DETAIL "E"  
SIDE VIEW  
EXISTING TYPICAL INSTALLATION  
FOR OUTLET PANELS #2 & #3



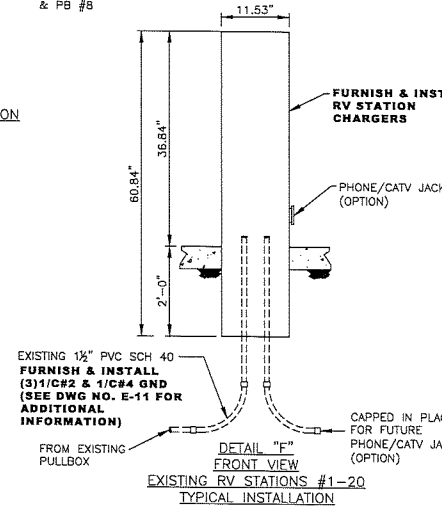
SECTION "A-A"  
N.T.S.



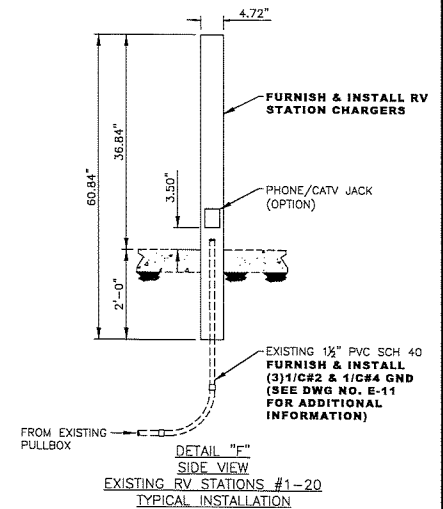
DETAIL "E"  
SIDE VIEW  
EXISTING TYPICAL INSTALLATION  
FOR OUTLET PANELS #1



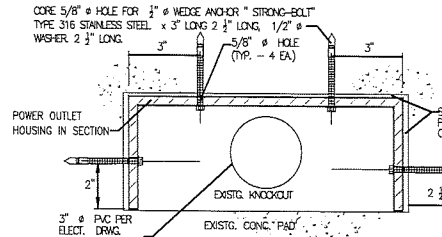
DETAIL "E"  
SIDE VIEW  
EXISTING TYPICAL INSTALLATION  
FOR OUTLET PANELS #2



DETAIL "F"  
FRONT VIEW  
EXISTING RV STATIONS #1-20  
TYPICAL INSTALLATION



DETAIL "F"  
SIDE VIEW  
EXISTING RV STATIONS #1-20  
TYPICAL INSTALLATION



PLAN  
N.T.S.

SECTION  
N.T.S.

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Administrative Offices: 15625 E. Stafford Street  
(626) 333-2211



MYERS POWER OUTLET / CHARGERS

MODEL CAT NO. MES/UM-100-532G  
225 N. Hollywood Blvd., Ste. 222  
City of Industry, CA 91744  
Phone (626) 333-0238  
Fax (626) 333-2078

DEV D. BIRLA, ELECTRICAL P.E. 11608 DATE

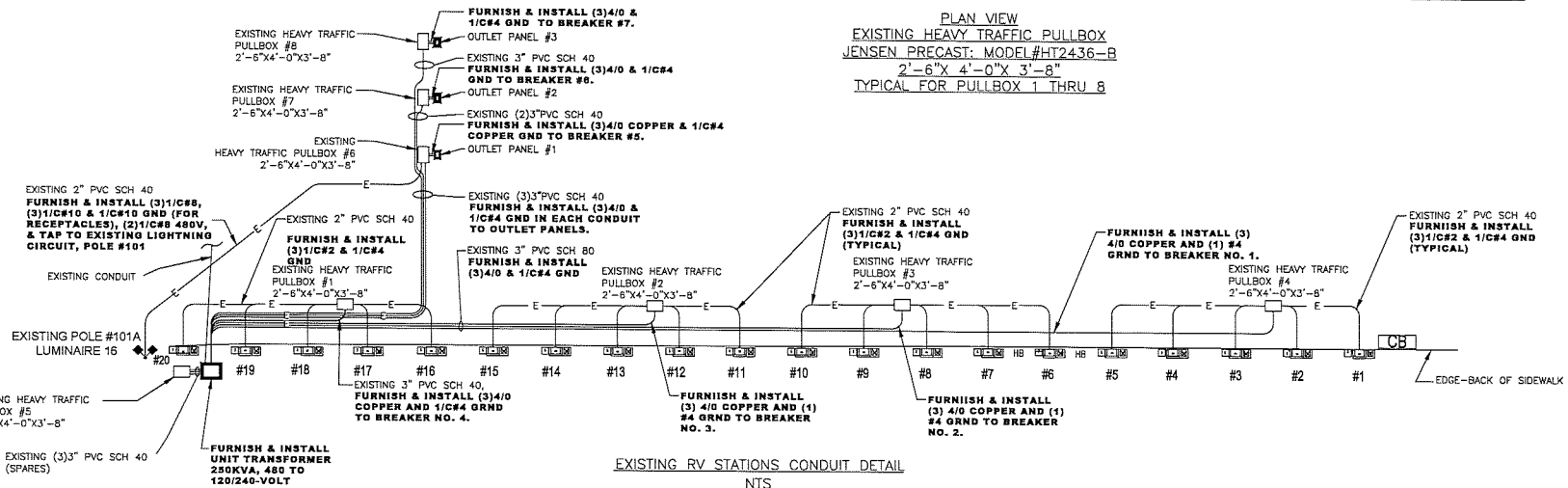
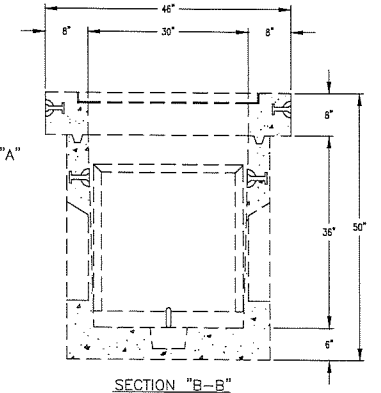
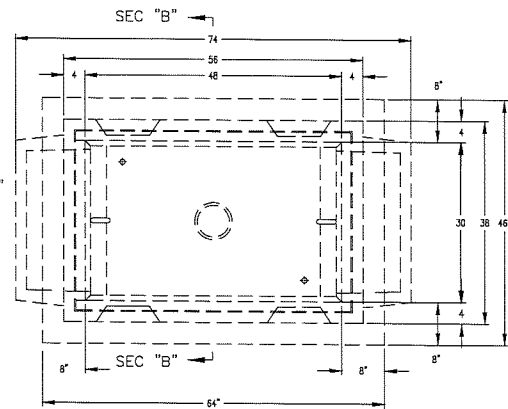
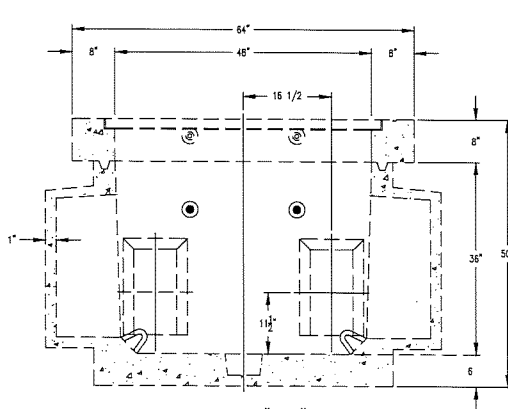
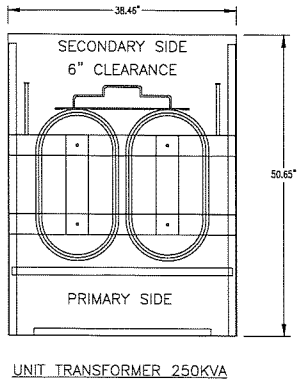
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LIGHTING AND ELECTRICAL IMPROVEMENTS  
EXPO CENTER PARKING LOTS

EXPO CENTER LIGHTING AND ELECTRICAL IMPROVEMENTS  
GRAND ARENA PARKING LOT  
PANEL & RV STATION DETAILS

DESIGNED BY: J.K. CHECKED BY: J.C./P.L. PROJECT NO.: EXPO-2126 SHT. 12 OF 17  
DRAFTED BY: J.K. DATE: 12/10/16 DWG NO. E-10

CONTRACT DRAWING 12 OF 17



NOTICE TO CONTRACTOR  
APPROVAL OF THIS PLAN BY THE ENGINEER AND THE CITY ENGINEER DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION OF OR THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPE OR STRUCTURES WITHIN THE LIMITS OF THIS PROJECT. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS.

NO.	DATE	REVISIONS	OK BY



CITY OF INDUSTRY

INCORPORATED JUNE 18, 1857  
P.O. Box 3366, City of Industry, California 91744  
Administrative Offices: 15625 E. Stafford Street  
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Prepared by:  
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CIVIC-RECREATIONAL-INDUSTRIAL-AUTHORITY

LIGHTING AND ELECTRICAL IMPROVEMENTS  
EXPO CENTER PARKING LOTS

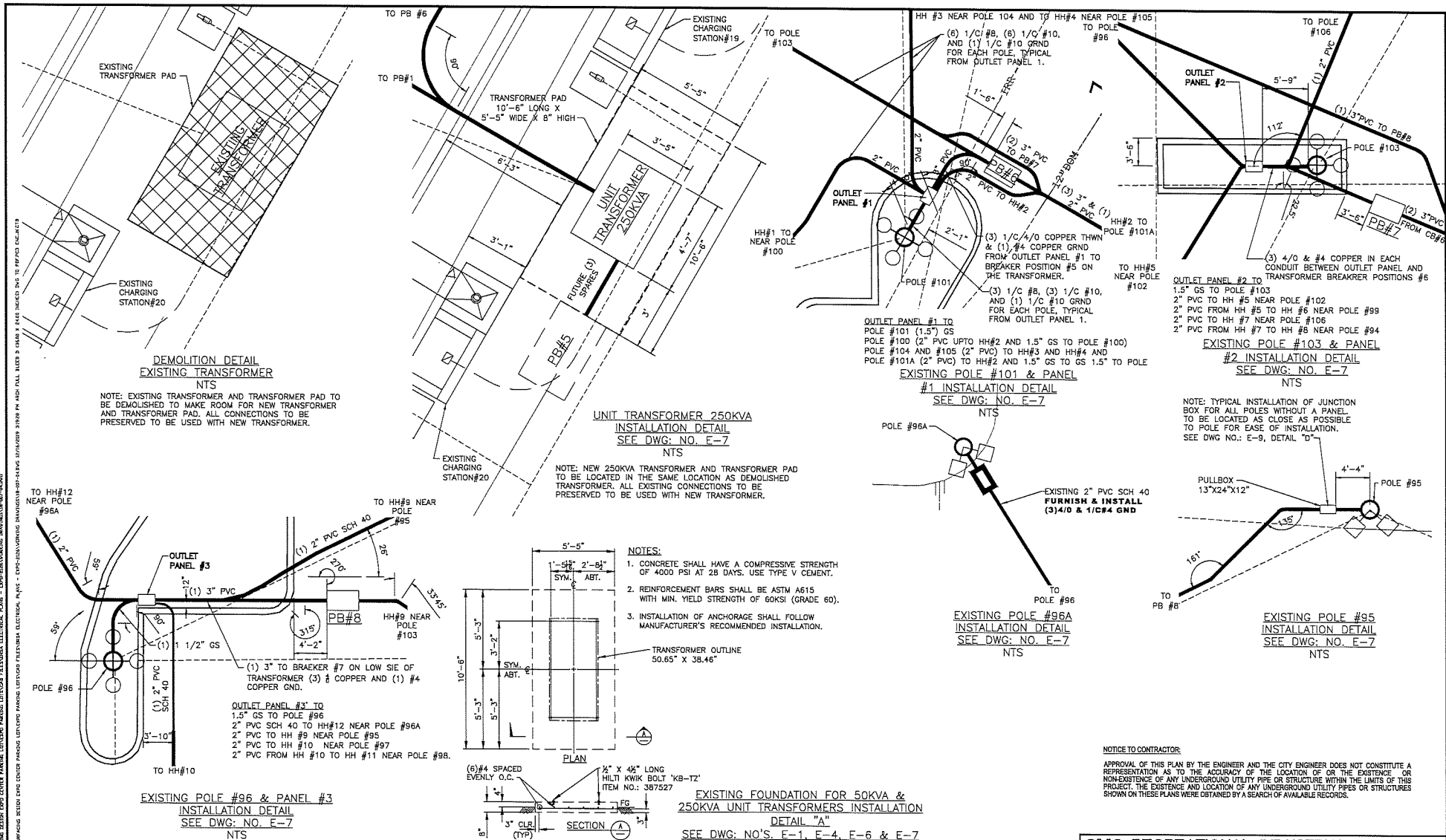
EXPO CENTER LIGHTING AND ELECTRICAL IMPROVEMENTS  
GRAND ARENA PARKING LOT  
RV STATION CONDUIT DETAILS

DESIGNED BY: J.K. CHECKED BY: J.C./P.L. PROJECT NO: EXPO-2126 SHT. 13 OF 17  
DRAFTED BY: J.K. DATE: 12/10/19 DWG NO. E-11

CONTRACT DRAWING 13 OF 17



Know what's below.  
Call before you dig.



**DEMOLITION DETAIL  
EXISTING TRANSFORMER**  
NTS

NOTE: EXISTING TRANSFORMER AND TRANSFORMER PAD TO BE DEMOLISHED TO MAKE ROOM FOR NEW TRANSFORMER AND TRANSFORMER PAD. ALL CONNECTIONS TO BE PRESERVED TO BE USED WITH NEW TRANSFORMER.

**UNIT TRANSFORMER 250KVA  
INSTALLATION DETAIL**  
SEE DWG. NO. E-7  
NTS

NOTE: NEW 250KVA TRANSFORMER AND TRANSFORMER PAD TO BE LOCATED IN THE SAME LOCATION AS DEMOLISHED TRANSFORMER. ALL EXISTING CONNECTIONS TO BE PRESERVED TO BE USED WITH NEW TRANSFORMER.

**EXISTING POLE #101 & PANEL #1  
INSTALLATION DETAIL**  
SEE DWG. NO. E-7  
NTS

OUTLET PANEL #1 TO POLE #101 (1.5") GS  
POLE #100 (2" PVC UPTO HH#2 AND 1.5" GS TO POLE #100)  
POLE #104 AND #105 (2" PVC) TO HH#3 AND HH#4 AND  
POLE #101A (2" PVC) TO HH#2 AND 1.5" GS TO GS 1.5" TO POLE

**EXISTING POLE #103 & PANEL #2  
INSTALLATION DETAIL**  
SEE DWG. NO. E-7  
NTS

OUTLET PANEL #2 TO POLE #103  
1.5" GS TO POLE #103  
2" PVC TO HH #5 NEAR POLE #102  
2" PVC FROM HH #5 TO HH #6 NEAR POLE #99  
2" PVC TO HH #7 NEAR POLE #105  
2" PVC FROM HH #7 TO HH #8 NEAR POLE #94

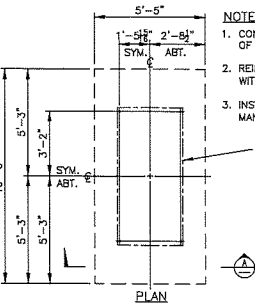
**EXISTING POLE #96A  
INSTALLATION DETAIL**  
SEE DWG. NO. E-7  
NTS

EXISTING 2" PVC SCH 40  
FURNISH & INSTALL  
(3) 4/0 & 1/1C#4 GND

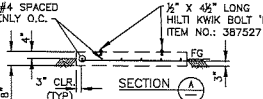
**EXISTING POLE #95  
INSTALLATION DETAIL**  
SEE DWG. NO. E-7  
NTS

PULLBOX  
13"x24"x12"

- NOTES:**
1. CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. USE TYPE V CEMENT.
  2. REINFORCEMENT BARS SHALL BE ASTM A615 WITH MIN. YIELD STRENGTH OF 60KSI (GRADE 60).
  3. INSTALLATION OF ANCHORAGE SHALL FOLLOW MANUFACTURER'S RECOMMENDED INSTALLATION.



**EXISTING FOUNDATION FOR 50KVA & 250KVA UNIT TRANSFORMERS INSTALLATION  
DETAIL "A"**  
SEE DWG. NO'S. E-1, E-4, E-6 & E-7  
NTS



**NOTICE TO CONTRACTOR:**  
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
**CIVIC-RECREATIONAL-INDUSTRIAL-AUTHORITY**

LIGHTING AND ELECTRICAL IMPROVEMENTS  
EXPO CENTER PARKING LOTS

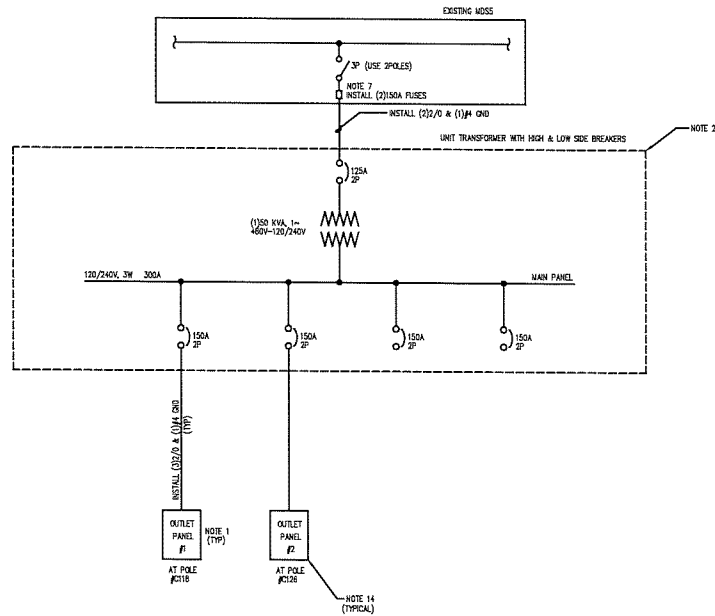
EXPO CENTER LIGHTING AND ELECTRICAL IMPROVEMENTS  
GRAND ARENA PARKING LOT  
TRANSFORMER, PANEL & JUNCTION PULL BOX DETAILS

DESIGNED BY: J.K. CHECKED BY: J.C./P.L. PROJECT NO. EXPO-2126 SHT. 14 OF 17  
DRAFTED BY: J.K. DATE: 12/10/15 DWG NO. E-12

CONTRACT DRAWING 14 OF 17

SYMBOLS	DESCRIPTION
	TRANSFORMER
	CIRCUIT BREAKER

NOTE  
1. FOR OUTLET PANELS CONNECTION DIAGRAMS SEE DRAWING E-14.



CONSTRUCTION NOTES:  
2. INSTALL NEW PAD AND NEW 500KVA UNIT TRANSFORMER.  
7. INSTALL FUSES AT EXISTING PANEL.  
14. INSTALL OUTLET PANEL.



NO.	DATE	REVISIONS	OK BY



**CITY OF INDUSTRY**

INCORPORATED JUNE 18, 1957  
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Exp. 06/30/2024  
REGISTERED PROFESSIONAL ENGINEER  
Specializing in Civil Engineering - Surveying

DEV D. BRELA, ELECTRICAL, P.E. 11808 DATE

**CIVIC-RECREATIONAL-INDUSTRIAL-AUTHORITY**

LIGHTING AND ELECTRICAL IMPROVEMENTS  
EXPO CENTER PARKING LOTS

EXPO CENTER LIGHTING AND ELECTRICAL IMPROVEMENTS  
AVALON PARKING LOT  
SINGLE LINE DIAGRAM

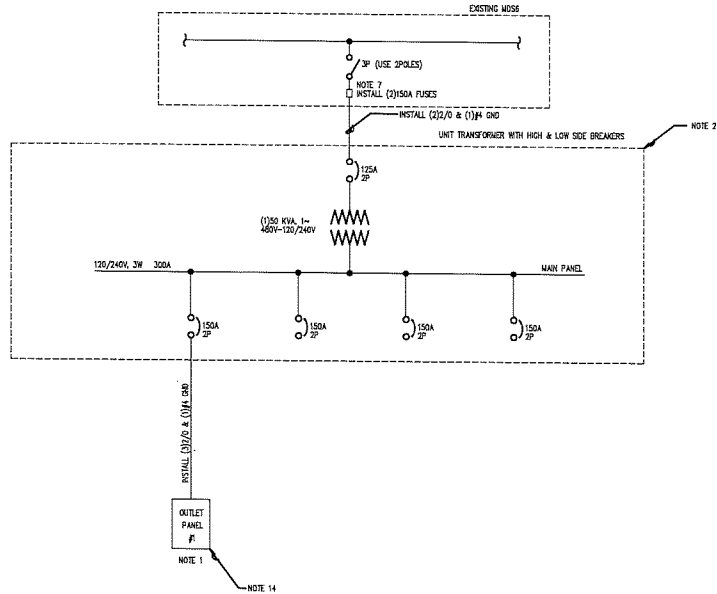
PROJECT NO. EXP-2126	SCALE: NONE	DWG NO. E-13	SHEET 15 OF 17
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CONTRACT DRAWING 15 OF 17



SYMBOLS	DESCRIPTION
	TRANSFORMER
	CIRCUIT BREAKER

NOTE  
1. FOR OUTLET PANEL CONNECTION DIAGRAM SEE DRAWING E-16.



CONSTRUCTION NOTES:  
2. INSTALL NEW PAD AND NEW 50KVA UNIT TRANSFORMER.  
7. INSTALL FUSES AT EXISTING PANEL.  
14. INSTALL OUTLET PANEL.



NO.	DATE	REVISIONS	CHK. BY



CITY OF INDUSTRY

INCORPORATED JUNE 16, 1957  
P.O. Box 3366, City of Industry, California 91744  
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DEV D. BIRLA, ELECTRICAL, P.E. 11608 DATE

CIVIC-RECREATIONAL-INDUSTRIAL-AUTHORITY

LIGHTING AND ELECTRICAL IMPROVEMENTS  
EXPO CENTER PARKING LOTS

EXPO CENTER LIGHTING AND ELECTRICAL IMPROVEMENTS  
PAVILION PARKING LOT  
SINGLE LINE DIAGRAM

PROJECT NO:  
EXPO-2126

SCALE: NONE

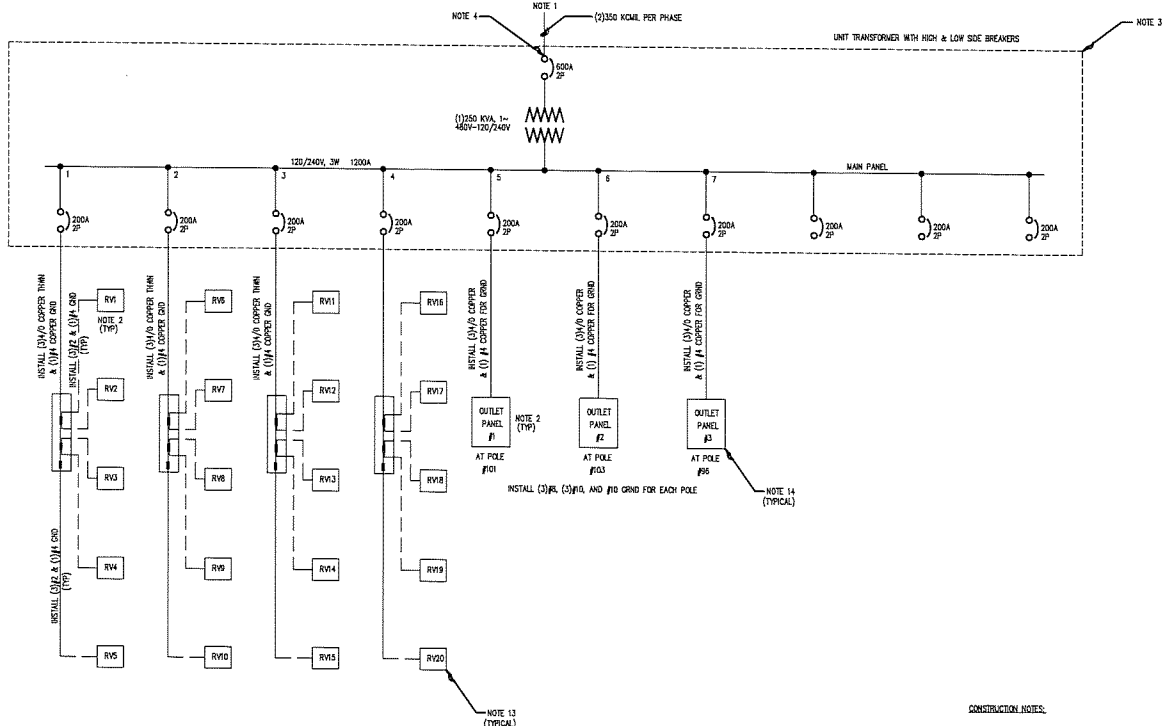
DWG NO. E-14

SHEET 16 OF 17

CONTRACT DRAWING 16 OF 17

SYMBOLS	DESCRIPTION
	TRANSFORMER
	CIRCUIT BREAKER
	RV PEDESTAL
	PULL BOX
	H SPLICE, COMPRESSION TYPE, LONG BARREL, WATER PROOF
	STRAIGHT SPLICE, COMPRESSION TYPE, LONG BARREL, WATER PROOF

NOTE  
 1. EXTEND AND RECONNECT TO EXISTING CIRCUIT.  
 2. FOR RV PEDESTALS AND OUTLET PANELS CONNECTION DIAGRAMS SEE DRAWING E-18.



- CONSTRUCTION NOTES:
- INSTALL NEW PAD AND NEW 250KVA UNIT TRANSFORMER.
  - CONNECT EXISTING CABLES TO NEW UNIT SUBSTATION AT GRAND ARENA.
  - INSTALL RV STANDS.
  - INSTALL OUTLET PANEL.



NO.	DATE	REVISIONS	OK BY



**CITY OF INDUSTRY**  
 INCORPORATED JUNE 16, 1957  
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 Fax (626) 336-2928  
 DEV D. BIRLA, ELECTRICAL P.E. 11608 DATE: \_\_\_\_\_

<b>CIVIC-RECREATIONAL-INDUSTRIAL-AUTHORITY</b>			
LIGHTING AND ELECTRICAL IMPROVEMENTS EXPO CENTER PARKING LOTS			
EXPO CENTER LIGHTING AND ELECTRICAL IMPROVEMENTS GRAND ARENA PARKING LOT SINGLE LINE DIAGRAM			
PROJECT NO: EXPO-2126	SCALE: NONE	DWG NO. E-15	SHEET 17 OF 17