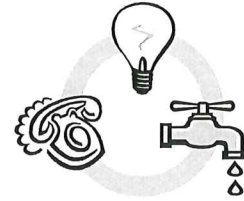


INDUSTRY PUBLIC UTILITIES COMMISSION CITY OF INDUSTRY



REGULAR MEETING AGENDA
NOVEMBER 14, 2019 8:30 A.M.

President Cory C. Moss
Commissioner Abraham N. Cruz
Commissioner Cathy Marcucci
Commissioner Mark D. Radecki
Commissioner Newell W. Ruggles



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

Addressing the Commission:

- ▶ **Agenda Items:** Members of the public may address the Commission on any matter listed on the Agenda. Anyone wishing to speak to the Commission is asked to complete a Speaker's Card which can be found at the back of the room and at the podium. The completed form should be submitted to the City Clerk prior to the Agenda item being called and prior to the individual being heard by the Commission.
- ▶ **Public Comments (Non-Agenda Items):** Anyone wishing to address the Commission 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 Commission from taking action on a specific item unless it appears on the posted Agenda. Anyone wishing to speak to the Commission is asked to complete a Speaker's Card which can be found at the back of the room and at the 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 Commission.

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.

-
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 Industry Public Utilities Commission (IPUC), the public, or staff request specific items be removed from the Consent Calendar for separate action.

5.1 Consideration of the Register of Demands for October 24, 2019

RECOMMENDED ACTION: Ratify the Register of Demands.

5.2 Consideration of the Register of Demands for November 14, 2019

RECOMMENDED ACTION: Approve the Register of Demands and authorize the appropriate City Officials to pay the bills.

5.3 Consideration of the minutes of the October 10, 2019 regular meeting

RECOMMENDED ACTION: Approve as submitted.

6. **BOARD MATTERS**

6.1 Consideration of authorization to advertise for public bids for Installation of Distribution Feeder Cable and Pad Mounted Switches at IBC East and IBC West for an estimated cost of \$4,945,000.00

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

6.2 Consideration of Resolution No. IPUC 2019-04 authorizing the Public Utilities Director, or designee, to approve and execute short-term contracts for power purchases through June 30, 2022 for an amount not-to-exceed \$7,000,000.00

RECOMMENDED ACTION: Approve Resolution No IPUC 2019-04.

6.3 Presentation of the Industry Public Utilities Water Operations Quarterly Report (July - September 2019)

RECOMMENDED ACTION: Receive and file the report.

- 6.4 Report from the General Manager for the La Puente Valley County Water District regarding the Industry Public Utilities Water Operations

RECOMMENDED ACTION: Receive and file the report.

7. Adjournment. Next regular meeting: Thursday, December 12, 2019 at 8:30 a.m.

INDUSTRY PUBLIC UTILITIES COMMISSION

ITEM NO. 5.1

INDUSTRY PUBLIC UTILITIES COMMISSION
AUTHORIZATION FOR PAYMENT OF BILLS
Board Meeting October 24, 2019

<u>FUND</u>	<u>DESCRIPTION</u>	DISBURSEMENTS
161	IPUC - ELECTRIC	94,588.18

<u>BANK</u>	<u>DESCRIPTION</u>	DISBURSEMENTS
WFBK	IPUC ELECTRIC WELLS FARGO CHK	94,588.18

APPROVED PER CITY MANAGER

**Industry Public Utilities Commission
Wells Fargo - Electric
October 24, 2019**

Check	Date		Payee Name	Check Amount
IPUCELEC.WF.CHK - IPUC Electric Wells Fargo CHK				
10268	10/09/2019		SHELL ENERGY NORTH AMERICA-US	\$77,184.00
	Invoice	Date	Description	Amount
	2290316	10/01/2019	WHOLESALE USE-SEP 2019	\$77,184.00
10269	10/09/2019		FRONTIER	\$50.62
	Invoice	Date	Description	Amount
	2020-00000476	09/19/2019	09/19-10/18/19 SVC - GS-21660 VALLEY BLVD	\$50.62
10270	10/24/2019		CNC ENGINEERING	\$13,951.04
	Invoice	Date	Description	Amount
	459510	10/10/2019	METROLINK MAINT-SOLAR SYSTEM	\$585.00
	459509	10/10/2019	CITY ELECTRICAL FACILITIES	\$13,366.04
10271	10/24/2019		RICHARD HEATH & ASSOCIATES, INC.	\$1,087.50
	Invoice	Date	Description	Amount
	IPUC-19-09	09/30/2019	LIGHTING POST INSPECTION REPORT	\$1,087.50
10272	10/24/2019		TATTLETALE	\$480.00
	Invoice	Date	Description	Amount
	R 69209	10/02/2019	ALARM MONITORING-600 S BREA CYN BLVD	\$480.00
10273	10/24/2019		TRIMARK ASSOCIATES, INC.	\$1,726.67
	Invoice	Date	Description	Amount
	20190053	10/01/2019	MAINT SVC-METRO SOLAR	\$1,726.67
10274	10/24/2019		UNDERGROUND SERVICE ALERT OF S	\$74.35
	Invoice	Date	Description	Amount

**Industry Public Utilities Commission
Wells Fargo - Electric
October 24, 2019**

Check	Date		Payee Name	Check Amount
IPUCELEC.WF.CHK - IPUC Electric Wells Fargo CHK				
	920190159	10/01/2019	DIG ALERTS	\$74.35
10275	10/24/2019		UNDERGROUND SERVICE ALERT OF \$	\$34.00
	Invoice	Date	Description	Amount
	18dsbfe4993	10/01/2019	CALIF STATE FEE	\$34.00

Checks	Status	Count	Transaction Amount
	Total	8	\$94,588.18

INDUSTRY PUBLIC UTILITIES COMMISSION

ITEM NO. 5.2

INDUSTRY PUBLIC UTILITIES COMMISSION

AUTHORIZATION FOR PAYMENT OF BILLS

Board Meeting November 14, 2019

<u>FUND</u>	<u>DESCRIPTION</u>	<u>DISBURSEMENTS</u>
161	IPUC ELECTRIC FUND	460,604.50
560	IPUC WATER FUND	28,939.21
TOTAL ALL FUNDS		489,543.71

<u>BANK</u>	<u>DESCRIPTION</u>	<u>DISBURSEMENTS</u>
IPUCELEC.WF	IPUC ELECTRIC WELLS FARGO CKING	460,604.50
IPUC.CHK	IPUC WATER BOFA CKING	28,939.21
TOTAL ALL BANKS		489,543.71

APPROVED PER CITY MANAGER

**Industry Public Utilities Commission
Wells Fargo - Electric
November 14, 2019**

Check	Date		Payee Name	Check Amount
IPUCELEC.WF.CHK - IPUC Electric Wells Fargo CHK				
10276	10/17/2019		AT & T	\$262.54
	Invoice	Date	Description	Amount
	2916510503	09/23/2019	08/19-09/18/19 SVC - METROLINK	\$176.00
	3112414930	10/01/2019	10/01-10/31/19 SVC - METROLINK-T1 CIRCUIT	\$86.54
10277	10/17/2019		FRONTIER	\$2,583.88
	Invoice	Date	Description	Amount
	2020-00000480	09/25/2019	09/25-10/24/19 SVC - EM-21760 GARCIA LN	\$74.20
	2020-00000481	09/25/2019	09/25-10/24/19 SVC - EM-21535 BAKER PKWY BLDG 20	\$55.73
	2020-00000483	09/28/2019	09/28-10/27/19 SVC - EM-21700 BAKER PKWY BLDG 23	\$55.73
	2020-00000484	09/28/2019	09/28-10/27/19 SVC - EM-179 S. GRAND AVE	\$40.01
	2020-00000485	09/28/2019	09/28-10/27/19 SVC - EM-21912 GARCIA LN-ALARM	\$74.20
	2020-00000486	10/01/2019	10/01-10/31/19 SVC - GS-21700 VALLEY BLVD	\$59.83
	2020-00000488	10/01/2019	10/01-10/31/19 SVC - GS-21650 VALLEY BLVD	\$57.15
	2020-00000489	10/01/2019	10/01-10/31/19 SVC - VARIOUS GENERATOR SITES	\$1,192.38
	2020-00000490	10/01/2019	10/01-10/31/19 SVC - VARIOUS SITES	\$974.65
10278	10/17/2019		SO CALIFORNIA EDISON COMPANY	\$425.70
	Invoice	Date	Description	Amount
	2020-00000492	10/02/2019	09/01-10/01/19 SVC - 600 BREA CYN RD	\$425.70
10279	10/22/2019		CALPINE ENERGY SOLUTIONS, LLC	\$158,886.85
	Invoice	Date	Description	Amount
	192870011478231	10/14/2019	WHOLESALE USE-SEP 2019	\$158,886.85
10280	10/24/2019		FRONTIER	\$166.22
	Invoice	Date	Description	Amount

**Industry Public Utilities Commission
Wells Fargo - Electric
November 14, 2019**

Check	Date		Payee Name	Check Amount
IPUCELEC.WF.CHK - IPUC Electric Wells Fargo CHK				
	2020-00000527	10/04/2019	10/04-11/03/19 SVC - EM-21858 GARCIA LN-ALARM	\$74.18
	2020-00000528	10/04/2019	10/04-11/03/19 SVC - GS-21620 VALLEY BLVD	\$59.83
	2020-00000529	10/07/2019	10/07-11/06/19 SVC - GS-408 BREA CYN RD	\$32.21
10281	10/24/2019		SOCALGAS	\$50.00
	Invoice	Date	Description	Amount
	2020-00000530	10/08/2019	09/01-10/01/19 SVC - 1 INDUSTRY HILLS PKWY UNIT B	\$50.00
10282	10/28/2019		CALIFORNIA DEPT OF TAX AND FEE A	\$3,338.55
	Invoice	Date	Description	Amount
	2319	10/28/2019	ENERGY SURCHARGE TAX JUL-SEP 2019	\$3,338.55
10283	10/29/2019		FRONTIER	\$655.32
	Invoice	Date	Description	Amount
	2020-00000552	10/10/2019	10/10-11/09/19 SVC - EM-21508 BAKER PKWY BLDG 22	\$57.15
	2020-00000553	10/10/2019	10/10-11/09/19 SVC - GS-21640 VALLEY BLVD	\$57.15
	2020-00000554	10/10/2019	10/10-11/09/19 SVC - EM-21808 GARCIA LN-ALARM	\$74.18
	2020-00000555	10/10/2019	10/10-11/09/19 SVC - GS-747 S. ANAHEIM PUENTE RD	\$170.97
	2020-00000556	10/10/2019	10/10-11/09/19 SVC - 600 BREA CYN RD	\$241.87
	2020-00000557	10/16/2019	10/16-11/15/19 SVC - GS-208 OLD RANCH RD	\$54.00
10284	10/29/2019		INDUSTRY PUBLIC UTILITY COMMISSI	\$7,446.93
	Invoice	Date	Description	Amount
	2020-00000558	10/15/2019	09/10-10/10/19 SVC - 600 BREA CYN RD	\$7,446.93
10285	10/29/2019		SO CALIFORNIA EDISON COMPANY	\$35,622.14
	Invoice	Date	Description	Amount

**Industry Public Utilities Commission
Wells Fargo - Electric
November 14, 2019**

Check	Date		Payee Name	Check Amount
IPUCELEC.WF.CHK - IPUC Electric Wells Fargo CHK				
	2020-00000559	09/04/2019	08/01-09/01/19 SVC - VARIOUS SITES-INTERCONNECT	\$1,695.80
	2020-00000560	09/07/2019	08/01-09/01/19 SVC - 208 S WADDINGHAM WAY	\$18,707.35
	2020-00000561	10/16/2019	09/01-10/01/19 SVC - 208 S WADDINGHAM WAY	\$15,218.99
10286	11/06/2019		FRONTIER	\$284.08
	Invoice	Date	Description	Amount
	2020-00000651	10/19/2019	10/19-11/18/19 SVC - EM-21438 BAKER PKWY BLDG 25	\$57.15
	2020-00000652	10/19/2019	10/19-11/18/19 SVC - EM-21415 BAKER PKWY	\$57.15
	2020-00000653	10/19/2019	10/19-11/18/19 SVC - GS-21660 VALLEY BLVD	\$52.80
	2020-00000654	10/22/2019	10/22-11/21/19 SVC - EM-21733 BAKER PKWY BLDG 21	\$57.15
	2020-00000655	10/22/2019	10/22-11/21/19 SVC - GS-21858 VALLEY BLVD	\$59.83
10287	11/06/2019		SO CALIFORNIA EDISON COMPANY	\$107.90
	Invoice	Date	Description	Amount
	2020-00000656	10/25/2019	09/01-10/23/19 SVC - 600 S BREA CYN RD	\$107.90
10288	11/06/2019		SO CALIFORNIA EDISON COMPANY	\$11,277.47
	Invoice	Date	Description	Amount
	7501073309	10/15/2019	09/01-09/30/19 SVC - 208 S. WADDINGHAM WAY	\$8,266.71
	7501073298	10/15/2019	09/01-09/30/19 SVC - 745 ANAHEIM-PUENTE RD	\$1,027.46
	7501073308	10/15/2019	09/01-09/30/19 SVC - 133 N. AZUSA AVE	\$1,860.71
	7501073954	10/17/2019	07/01-07/31/19 SVC - RELIABILITY SVC	\$122.59
10289	11/14/2019		APPLIED METERING TECHNOLOGIES	\$4,155.50
	Invoice	Date	Description	Amount
	6279	10/28/2019	UTILITY OPERATIONS-OCT 2019	\$4,155.50

**Industry Public Utilities Commission
Wells Fargo - Electric
November 14, 2019**

Check	Date		Payee Name	Check Amount
IPUCELEC.WF.CHK - IPUC Electric Wells Fargo CHK				
10290	11/14/2019		ASTRUM UTILITY SERVICES, LLC	\$14,500.00
	Invoice	Date	Description	Amount
	101901	11/04/2019	CONSULTING SVC FOR IPUC-OCT 2019	\$14,500.00
10291	11/14/2019		BUTSKO UTILITY DESIGN INC.	\$12,757.50
	Invoice	Date	Description	Amount
	137580	09/23/2019	UTILITY ENGINEERING JUN-JUL 2019	\$12,757.50
10292	11/14/2019		CALIF MUNICIPAL UTILITIES ASSOCIA	\$4,959.00
	Invoice	Date	Description	Amount
	19-0446	08/05/2019	REGIONAL MARKET EXPANSION LEGAL REPRESENTA	\$583.00
	19-0291	05/01/2019	ELECTRIC UTILITY MEMBERSHIP DUES FY 19/20	\$4,376.00
10293	11/14/2019		CITY OF INDUSTRY	\$917.16
	Invoice	Date	Description	Amount
	10/31/2019	10/31/2019	REIMBURSE FOR SALARIES 6/16/18-6/29/18	\$917.16
10294	11/14/2019		CNC ENGINEERING	\$38,744.74
	Invoice	Date	Description	Amount
	459592	10/31/2019	CITY ELECTRICAL FACILITIES	\$38,062.24
	459593	10/31/2019	METROLINK MAINT OF SOLAR SYSTEM	\$682.50
10295	11/14/2019		ENCO UTILITY SERVICES	\$2,500.00
	Invoice	Date	Description	Amount
	20-3-03-58	10/09/2019	CUSTOMER ACCOUNT SVC-SEP 2019	\$2,500.00
10296	11/14/2019		PACIFIC UTILITY INSTALLATION	\$64,372.00

**Industry Public Utilities Commission
Wells Fargo - Electric
November 14, 2019**

Check	Date	Payee Name	Check Amount
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IPUCELEC.WF.CHK - IPUC Electric Wells Fargo CHK

Invoice	Date	Description	Amount
20483	09/30/2019	SUBSTATION MAINT	\$4,200.00
20481	09/30/2019	SUBSTATION MAINT	\$7,698.00
20515	10/10/2019	OPERATIONS/MAINT-BAKER STREET LIGHT REPAIRS	\$6,977.00
20512	10/10/2019	OPERATIONS/MAINT-EXPO STREET LIGHT REPAIRS	\$2,657.00
20514	10/10/2019	OPERATIONS/MAINT-IBC IRRIGATION WEST SIDE CABI	\$42,840.00
<hr/>			
10297	11/14/2019	SHELL ENERGY NORTH AMERICA-US	\$86,832.00
Invoice	Date	Description	Amount
2306691	11/01/2019	WHOLESALE USE-OCT 2019	\$86,832.00
<hr/>			
10298	11/14/2019	TPX COMMUNICATIONS	\$2,880.26
Invoice	Date	Description	Amount
122337792-0	10/23/2019	INTERNET SVC-SUBSTATION/METRO SOLAR	\$2,880.26
<hr/>			
10299	11/14/2019	WALTERS WHOLESALE ELECTRIC CO	\$6,878.76
Invoice	Date	Description	Amount
S114054177.001	01/23/2019	ELECTRICAL SUPPLIES	\$6,878.76

Checks	Status	Count	Transaction Amount
<hr/>			
Total		24	\$460,604.50

**Industry Public Utilities Commission
Bank of America - Water
November 14, 2019**

Check	Date			Payee Name	Check Amount
IPUC.CHK - IPUC Water BofA Checking					
40436	10/24/2019			SO CALIFORNIA EDISON COMPANY	\$24,498.64
	Invoice	Date	Description	Amount	
	2020-00000525	10/08/2019	08/29-09/30/19 SVC - 1991 WORKMAN MILL U	\$24,498.64	
40437	11/14/2019			INDUSTRY PUBLIC UTILITIES COMMIS	\$1,500.00
	Invoice	Date	Description	Amount	
	NOV-19	10/29/2019	REPLENISH PAYROLL ACCOUNT FOR NOVEMBER 2019	\$1,500.00	
40438	11/14/2019			ROWLAND WATER DISTRICT	\$2,940.57
	Invoice	Date	Description	Amount	
	I-9302019-A	10/15/2019	CONTRACT SVC - SEPTEMBER 2019	\$1,489.53	
	I-9302019-B	10/15/2019	CONTRACT SVC - SEPTEMBER 2019	\$1,451.04	

Checks	Status	Count	Transaction Amount
	Total	3	\$28,939.21

INDUSTRY PUBLIC UTILITIES COMMISSION

ITEM NO. 5.3

INDUSTRY PUBLIC UTILITIES COMMISSION
REGULAR MEETING MINUTES
CITY OF INDUSTRY, CALIFORNIA
OCTOBER 10, 2019
PAGE 1

CALL TO ORDER

The Regular Meeting of the Industry Public Utilities Commission of the City of Industry, California, was called to order by President Cory C. Moss at 8:30 a.m., in the City of Industry Council Chamber, 15651 East Stafford Street, California.

ROLL CALL

PRESENT: Cory C. Moss, President
Abraham N. Cruz, Commissioner
Cathy Marcucci, Commissioner
Mark D. Radecki, Commissioner
Newell W. Ruggles, Commissioner

STAFF PRESENT: Troy Helling, City Manager; Bing Hyun, Assistant City Manager; James M. Casso, General Counsel; Josh Nelson, Director of Public Works/City Engineer; and Julie Robles, Secretary.

PUBLIC COMMENTS

There were no public comments.

5.1 CONSIDERATION OF THE REGISTER OF DEMANDS FOR SEPTEMBER 26, 2019

RECOMMENDED ACTION: *Ratify the Register of Demands.*

MOTION BY COMMISSIONER RADECKI, AND SECOND BY COMMISSIONER CRUZ TO RATIFY THE REGISTER OF DEMANDS. MOTION CARRIED 5-0, BY THE FOLLOWING VOTE:

AYES:	COMMISSIONERS:	CRUZ, MARCUCCI, RADECKI, RUGGLES, MOSS
NOES:	COMMISSIONERS:	NONE
ABSENT:	COMMISSIONERS:	NONE
ABSTAIN:	COMMISSIONERS:	NONE

INDUSTRY PUBLIC UTILITIES COMMISSION
REGULAR MEETING MINUTES
CITY OF INDUSTRY, CALIFORNIA
OCTOBER 10, 2019
PAGE 2

5.2 CONSIDERATION OF THE REGISTER OF DEMANDS FOR OCTOBER 10, 2019

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

MOTION BY COMMISSIONER CRUZ, AND SECOND BY COMMISSIONER RUGGLES TO APPROVE THE REGISTER OF DEMANDS AND AUTHORIZE THE APPROPRIATE CITY OFFICIALS TO PAY THE BILLS. MOTION CARRIED 5-0, BY THE FOLLOWING VOTE:

AYES:	COMMISSIONERS:	CRUZ, MARCUCCI, RADECKI, RUGGLES, MOSS
NOES:	COMMISSIONERS:	NONE
ABSENT:	COMMISSIONERS:	NONE
ABSTAIN:	COMMISSIONERS:	NONE

5.3 CONSIDERATION OF THE MINUTES OF THE SEPTEMBER 12, 2019 REGULAR MEETING

RECOMMENDED ACTION: *Approve as submitted.*

MOTION BY COMMISSIONER MARCUCCI, AND SECOND BY COMMISSIONER RADECKI TO APPROVE AS SUBMITTED. MOTION CARRIED 5-0, BY THE FOLLOWING VOTE:

AYES:	COMMISSIONERS:	CRUZ, MARCUCCI, RADECKI, RUGGLES, MOSS
NOES:	COMMISSIONERS:	NONE
ABSENT:	COMMISSIONERS:	NONE
ABSTAIN:	COMMISSIONERS:	NONE

5.4 CONSIDERATION OF A REIMBURSEMENT TO MARTIN-BROWER COMPANY, LLC, A DISTRIBUTION AND SUPPLY CHAIN MANAGEMENT COMPANY, LOCATED AT 21489 BAKER PARKWAY, UNDER THE IPUC'S ENERGY EFFICIENCY INCENTIVE PROGRAM, IN THE AMOUNT OF \$25,000.00

RECOMMENDED ACTION: *Approve the reimbursement.*

INDUSTRY PUBLIC UTILITIES COMMISSION
REGULAR MEETING MINUTES
CITY OF INDUSTRY, CALIFORNIA
OCTOBER 10, 2019
PAGE 3

Director of Public Works/City Engineer Josh Nelson, provided a staff report and was available to answer any questions.

MOTION BY COMMISSIONER MARCUCCI, AND SECOND BY COMMISSIONER RUGGLES TO APPROVE THE REIMBURSEMENT. MOTION CARRIED 5-0, BY THE FOLLOWING VOTE:

AYES:	COMMISSIONERS:	CRUZ, MARCUCCI, RADECKI, RUGGLES, MOSS
NOES:	COMMISSIONERS:	NONE
ABSENT:	COMMISSIONERS:	NONE
ABSTAIN:	COMMISSIONERS:	NONE

5.5 CONSIDERATION OF AMENDMENT NO.1 TO THE PROFESSIONAL SERVICES AGREEMENT WITH POWER ENGINEERS, INC. FOR ELECTRICAL CONSULTING SERVICES

RECOMMENDED ACTION: *Approve the Amendment.*

Director of Public Works/City Engineer Josh Nelson, provided a staff report and was available to answer any questions.

MOTION BY COMMISSIONER CRUZ, AND SECOND BY COMMISSIONER RADECKI TO APPROVE THE AMENDMENT. MOTION CARRIED 5-0, BY THE FOLLOWING VOTE:

AYES:	COMMISSIONERS:	CRUZ, MARCUCCI, RADECKI, RUGGLES, MOSS
NOES:	COMMISSIONERS:	NONE
ABSENT:	COMMISSIONERS:	NONE
ABSTAIN:	COMMISSIONERS:	NONE

5.6 CONSIDERATION OF A PROPOSAL FROM STETSON ENGINEERS INC. TO PROVIDE A GROUNDWATER TREATMENT FEASIBILITY STUDY FOR AN AMOUNT NOT TO EXCEED \$101,400.00 THROUGH APRIL 30, 2020

INDUSTRY PUBLIC UTILITIES COMMISSION
REGULAR MEETING MINUTES
CITY OF INDUSTRY, CALIFORNIA
OCTOBER 10, 2019
PAGE 4

RECOMMENDED ACTION: *Authorize the District's General Manager to proceed with the work as proposed by Stetson Engineers Inc. in its proposal dated September 11, 2019, resulting in an expense to the Industry Public Utility Water Operations of \$101,400.00.*

General Manager Greg Galindo presented a report to the Commission and was available to answer any questions.

MOTION BY COMMISSIONER MARCUCCI, AND SECOND BY COMMISSIONER RADECKI TO AUTHORIZE THE DISTRICT'S GENERAL MANAGER TO PROCEED WITH THE WORK AS PROPOSED BY STETSON ENGINEERS INC. IN ITS PROPOSAL DATED SEPTEMBER 11, 2019, RESULTING IN AN EXPENSE TO THE INDUSTRY PUBLIC UTILITY WATER OPERATIONS OF \$101,400.00. MOTION CARRIED 5-0, BY THE FOLLOWING VOTE:

AYES:	COMMISSIONERS:	CRUZ, MARCUCCI, RADECKI, RUGGLES, MOSS
NOES:	COMMISSIONERS:	NONE
ABSENT:	COMMISSIONERS:	NONE
ABSTAIN:	COMMISSIONERS:	NONE

5.7 REPORT FROM THE GENERAL MANAGER FOR THE LA PUENTE VALLEY COUNTY WATER DISTRICT REGARDING THE INDUSTRY PUBLIC UTILITIES WATER OPERATIONS

RECOMMENDED ACTION: *Receive and file the report.*

General Manager Greg Galindo presented a report to the Commission and was available to answer any questions.

MOTION BY COMMISSIONER CRUZ, AND SECOND BY COMMISSIONER RUGGLES TO RECEIVE AND FILE THE REPORT. MOTION CARRIED 5-0, BY THE FOLLOWING VOTE:

INDUSTRY PUBLIC UTILITIES COMMISSION

ITEM NO. 6.1



INDUSTRY PUBLIC UTILITIES COMMISSION

MEMORANDUM

TO: Honorable President Moss and Commissioners

FROM: Troy Helling, Public Utilities Director *TH*

STAFF: Joshua Nelson, Director of Public Works/IPUC Engineer *JN*
Dev Birla, Operations Manager, CNC Engineering *DOB*

DATE: November 14, 2019

SUBJECT: Consideration of authorization to advertise for public bids for Installation of Distribution Feeder Cable and Pad Mounted Switches at IBC East and IBC West for an estimated cost of \$4,945,000.00 (Contract No. IPUC-0007)

Background:

All electrical substructure work such as conduits, vaults, and switch pads, including the boring under the rail road, is complete at the Industry Business Center East and West ("IBC East and IBC West"), and is ready for installation of feeder cable and pad mounted switches. The Industry Public Utilities Commission's ("IPUC") electrical consultant, Butsko, has prepared plans and specifications for the above project. This project will be implemented as Contract No. IPUC-0007 subject to the approval by the IPUC Board. This contract is for installation and energization of 9.23 miles of backbone three distribution feeders from the Waddingham Substation to pad mounted switches located at IBC East and IBC West. This will enable IPUC to be ready to provide electrical service to all future buildings when needed. Without this work IPUC has no backbone distribution system in that area and capacity coming from the substation to provide electrical service to future buildings.

Discussion:

The installation of distribution feeder cables and pad mounted switches is required in order to bring power from the Waddingham Substation to the IBC East and IBC West area, and to energize the backbone electrical distribution system. This will enable the IPUC to be ready to provide electrical services, as needed, to the future buildings at IBC East and IBC West. The scope of work is to provide labor, materials and equipment for the following tasks:

- Furnish and install 48,735 circuit feet (9.23 miles) and three distribution feeders of 15,000-Volt, 1000 MCM Aluminum, Ethylene Propylene Rubber ("EPR") distribution feeder cable
- Furnish and install 18 pad mounted switches and furnish 4 pad mounted switches, as spares
- Furnish and install 150 of 15,000-Volt, 600-amp elbow kits and 222 cable splice kits for 1,000 MCM Aluminum cable

- Furnish and install 198 Fault Circuit Indicators (“FCI’s”)
- Furnish and install 1,015 circuit feet of 5,000-Volt 1/0 Aluminum EPR distribution cable
- Furnish and install two 50-KVA, 12,000-Volt to 120/240-Volt pad-mounted transformers
- Furnish and install other miscellaneous items such as 200-amp load break elbows and load break elbow junctions and other electrical equipment as shown on the plans and specifications
- Related work such as traffic control, partial discharge test, switching and energization of circuits from the Waddingham Substation, per IPUC requirements

This work will require the contractor to have a minimum of five years of experience in performing similar work for installation of 15,000-Volt distribution feeder cables and pad mounted switches with electrical utilities in Southern California, or have performed prior similar work for the IPUC. It will also require the contractor follow typical electrical distribution cable and pad mounted switches installation and construction in the public right-of-ways to deliver a complete functional electrical distribution system. The attached plans and specifications describe the work in more detail. The location and size of pad mount transformer and electrical service panel will vary for each building depending upon the size and nature of the use of the building. As mentioned above, it is excluded at this time from the scope of work.

Fiscal Impact:

There is no direct fiscal impact to the IPUC. The estimated project cost of \$4,945,000.00 will be paid through the \$8,075,000.00 the IPUC received from the Successor Agency to the Industry Urban-Development Agency to fund this project (Account No. 161-2065.01).

Recommendation:

- 1) Staff recommends that the IPUC Board approve the plans and specifications and authorize the solicitation of public bids; and
- 2) Appropriate \$2,245,000.00 from 2015 Sales Tax Bond Proceeds to City Capital Improvements – City Electric Improvements – Construction Costs (Account No. 120-718-5205) (MP 02-05 #14)

Exhibits:

- A. Notice Inviting Bids
- B. Engineer’s Estimate
- C. Section A – Pages A-1 through A-8
- D. Reduced Set of Project Plans

EXHIBIT A

Notice Inviting Bids

[Attached]

NOTICE INVITING BIDS FOR:

**INDUSTRY PUBLIC UTILITIES COMMISSION
PROJECT NO. 007**

INSTALLATION OF DISTRIBUTION FEEDER CABLE AND PAD MOUNTED SWITCHES AT
IBC EAST AND IBC WEST

CONTRACT NO. IPUC-0007

The **INDUSTRY PUBLIC UTILITIES COMMISSION**, hereinafter referred to as the **IPUC**, will receive bids for the construction of the above project until **2:00 P.M.** on **January 22, 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 Contractor** 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 **IPUC** reserves the right to award the contract to the contractor with another license class if the **IPUC** 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 IPUC.

(Continued)

The Scope of Work is as follows: Provide labor, material and equipment to furnish and install 48,735 circuit feet (9.23 circuit miles) and three distribution feeders of 15,000- Volt, 1000 MCM Aluminum, Ethylene Propylene Rubber (“EPR”) distribution feeder cable, 18 pad mounted switches and furnish 4 pad mounted as spares. Provide labor, material and equipment to furnish and install other related work as shown on the 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.

One pre-bid walk will be conducted by the IPUC Engineer at the job site on **Tuesday, December 17, 2019, at 10:00 A.M.** All bidders are required to attend the mandatory pre-bid walk. Attendees will meet at **Baker Parkway, west of Grand Avenue in the parking lot of trailers.** Please be advised that the pre-bid walk will involve driving your vehicle along access roads that are unpaved and sometimes have uneven surface.

Online Questions and Answers will be due via the City of Industry’s PlanetBids™ vendor portal on **Wednesday, January 15, 2019 at 5:00 P.M.**

Qualifications of the Contractor: The Contractor shall have at least five (5) years’ experience performing similar work for installation of a 15KV distribution system, feeder cable and pad mounted switches in the electrical utilities of Southern California or have performed similar work for IPUC in the past. Provide a list of three (3) projects completed within the past five (5) years with the name of the company, contact person and bid price.

**INDUSTRY PUBLIC UTILITIES COMMISSION
PROJECT NO. 007**

**INSTALLATION OF DISTRIBUTION FEEDER CABLE AND PAD MOUNTED SWITCHES AT
IBC EAST AND IBC WEST**

CONTRACT NO. IPUC-0007

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 **INDUSTRY PUBLIC UTILITIES COMMISSION**.

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 **INDUSTRY PUBLIC UTILITIES COMMISSION** dated **November 14, 2019**

Julie Gutierrez-Robles, Commission Secretary

EXHIBIT B

Engineer's Estimate

[Attached]

ESTIMATE FOR:

INDUSTRY PUBLIC UTILITIES COMMISSION

PROJECT NO. 007

INSTALLATION OF DISTRIBUTION FEEDER CABLE AND PAD MOUNTED
SWITCHES AT IBC EAST AND IBC WEST

CONTRACT NO. IPUC-0007

ENGINEER'S ESTIMATE
\$4,945,000.00

EXHIBIT C

Section A – Pages A-1 through A-8

[Attached]

SECTION A

**INDUSTRY PUBLIC UTILITIES COMMISSION
PROJECT NO. 007**

INSTALLATION OF DISTRIBUTION FEEDER CABLE AND PAD MOUNTED SWITCHES AT
IBC EAST AND IBC WEST

CONTRACT NO. IPUC-0007

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The **IPUC** reserves the right to award the contract to the contractor with another license class if the **IPUC** 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 IPUC.

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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.

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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 **INDUSTRY PUBLIC UTILITIES COMMISSION.** The bid guarantee is to insure that the bidder, if awarded the work, will enter into a contract with the IPUC. 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: IPUC-0007 - INSTALLATION OF DISTRIBUTION FEEDER CABLE AND PAD MOUNTED SWITCHES AT IBC EAST AND IBC WEST, 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 IPUC and will be given a deadline to submit.

The IPUC may, upon refusal or failure of a successful responsible bidder to accept the contract, award it to the next lowest bidder. If the IPUC awards the contract to the second lowest bidder, the amount of the lowest bidder's bid guarantee shall be applied by the IPUC 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 IPUC, 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 IPUC.

Contractor shall provide the following types and amounts of insurance:

Without limiting Contractor's indemnification of IPUC, 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 IPUC.

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 IPUC, along with the certificate of insurance, a Waiver of Subrogation endorsement in favor of the IPUC, 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 IPUC 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 IPUC, its officials, officers, agents, and employees, shall be included as insureds under the policy.

Other provisions or requirements:

Proof of Insurance. Contractor shall provide certificates of insurance to the IPUC 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 IPUC’s risk manager prior to commencement of performance. Current certification of insurance shall be kept on file with the IPUC at all times during the term of this contract. The IPUC

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 IPUC 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 IPUC 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 IPUC before the IPUC's own insurance or self-insurance shall be called upon to protect it as a named insured.

IPUC'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 IPUC has the right but not the duty to obtain the insurance it deems necessary and any premium paid by the IPUC will be promptly reimbursed by Contractor or the IPUC will withhold amounts sufficient to pay premium from Contractor payments. In the alternative, the IPUC 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 IPUC's risk manager.

Waiver of Subrogation. All insurance coverage maintained or procured pursuant to this agreement shall be endorsed to waive subrogation against IPUC, 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 IPUC, 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 IPUC to inform Contractor of non-compliance with any requirement imposes no additional obligations on the IPUC 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 IPUC 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 IPUC.

Notice of Cancellation. Contractor agrees to oblige its insurance agent or broker and insurers to provide to IPUC 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 IPUC 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 IPUC 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 IPUC for review.

IPUC's Right to Revise Requirements. The IPUC 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 IPUC and Contractor may renegotiate Contractor's compensation.

Self-insured Retentions. Any self-insured retentions must be declared to and approved by IPUC. IPUC 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 IPUC.

Timely Notice of Claims. Contractor shall give IPUC 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 IPUC.

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 **INDUSTRY PUBLIC UTILITIES COMMISSION** dated **November 14, 2019**.

Julie Gutierrez-Robles, Commission Secretary

EXHIBIT D

Reduced Set of Project Plans

[Attached]

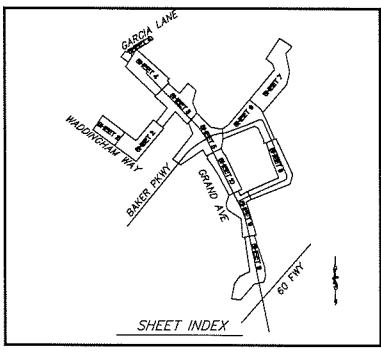
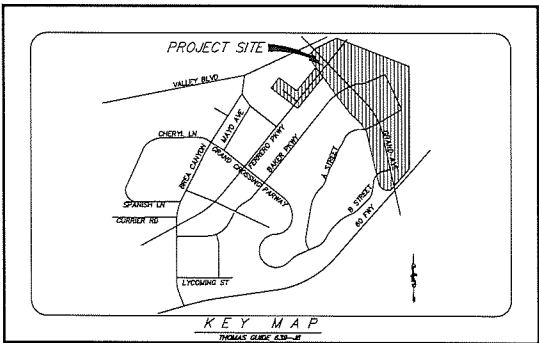
EAST SIDE ELECTRIC CABLE PLAN
NOTE: ALL SUBSTRUCTURES AND CONDUIT ARE EXISTING.
THIS JOB IS TO INSTALL ALL CABLE AND COMPONENTS.

GENERAL NOTES

- UNLESS OTHERWISE NOTED, ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION CURRENT EDITION WITH ALL CORRECTIVE AMENDMENTS FURNISHED BY THE CITY OF CHICO, CALIFORNIA. THESE SPECIFICATIONS ARE AVAILABLE AND APPROVED, STANDARD DRAWINGS.
- IF THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER OF ANY VIOLATION OF THE CITY OF CHICO ORDINANCES, THE CITY ENGINEER SHALL BE ADVISED IN ADVANCE AT (530) 331-1100.
- THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER OF ANY VIOLATION OF THE CITY OF CHICO ORDINANCES, THE CITY ENGINEER SHALL BE ADVISED IN ADVANCE AT (530) 331-1100.
- ALL WORK COVERED BY THIS PLAN SHALL BE INSPECTED BY THE CITY ENGINEER OR HIS REPRESENTATIVE PRIOR TO THE START OF WORK.
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CONSTRUCTION NOTES:

- UNLESS OTHERWISE NOTED IN THE WORKING DRAWING, THE CONTRACTOR/DEVELOPER SHALL VERIFY THE FOLLOWING PRIOR TO THE START OF CONSTRUCTION (PUC): THE ENGINEER HAS APPROVED THE CONSTRUCTION PLAN AND SUBSTRUCTURES IN THE WORKING DRAWING. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES AND SUBSTRUCTURES IN THE AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES TO SUBSTRUCTURES NOTED IN THIS PLAN AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES TO SUBSTRUCTURES NOTED IN THIS PLAN.
- CONDUIT
 - MINIMUM COVER IN STREET OR PARKWAY IS 30" BELOW FINISH GRADE, UNLESS NOTED OTHERWISE.
 - MINIMUM COVER IN PRIVATE PROPERTY SHALL BE 18" BELOW FINISH GRADE, UNLESS NOTED OTHERWISE.
 - CONDUIT IS TO BE FURNISHED AND INSTALLED APPROVED CONDUIT TO PUC SPECIFICATIONS FOR USE-DRAW, 110 AND 125.
 - INSTALL ALL RESINS PER USE-DRAW 110, 115, 118, 121 AND 125.
 - CONDUIT SHALL BE INSTALLED IN ACCORDANCE WITH THE SPECIFICATIONS FOR USE-DRAW.
 - INSTALL BEAM CONDUIT PLACES IN ALL CONDUITS TERMINATING INTO VALVE, MANHOLE, PUMP, BOX & ALL LOCATIONS, PER USE-DRAW & USE-102.
 - INSTALL PULL ROPS IN ALL CONDUIT RUNS. PULL ROPS TO BE 1/4" POLYPROPYLENE OR POLYETHYLENE ROPS, BRANDED OR TESTED, FOR SPECIFICATIONS APPROVED MANUFACTURERS AND MARKINGS, PER USE-DRAW.
 - ALL CONDUIT MUST BE MANNELED WITH THE APPROVED MANNELED USE-101.
 - CONDUIT BUNDLES REQUIREMENTS
 - IF THE MANHOLE BUNDLES FOR SERIES ARE:
 - 3/4" FOR CONDUITS 2" IN DIAMETER OR SMALLER
 - FOR CONDUITS 2" IN DIAMETER
 - FOR 1" OR SMALLER CONDUIT
 - IF THE MANHOLE BUNDLES FOR ALL MANHOLE CONDUITS IS 1/2"-4" (UNLESS NOTED OTHERWISE).



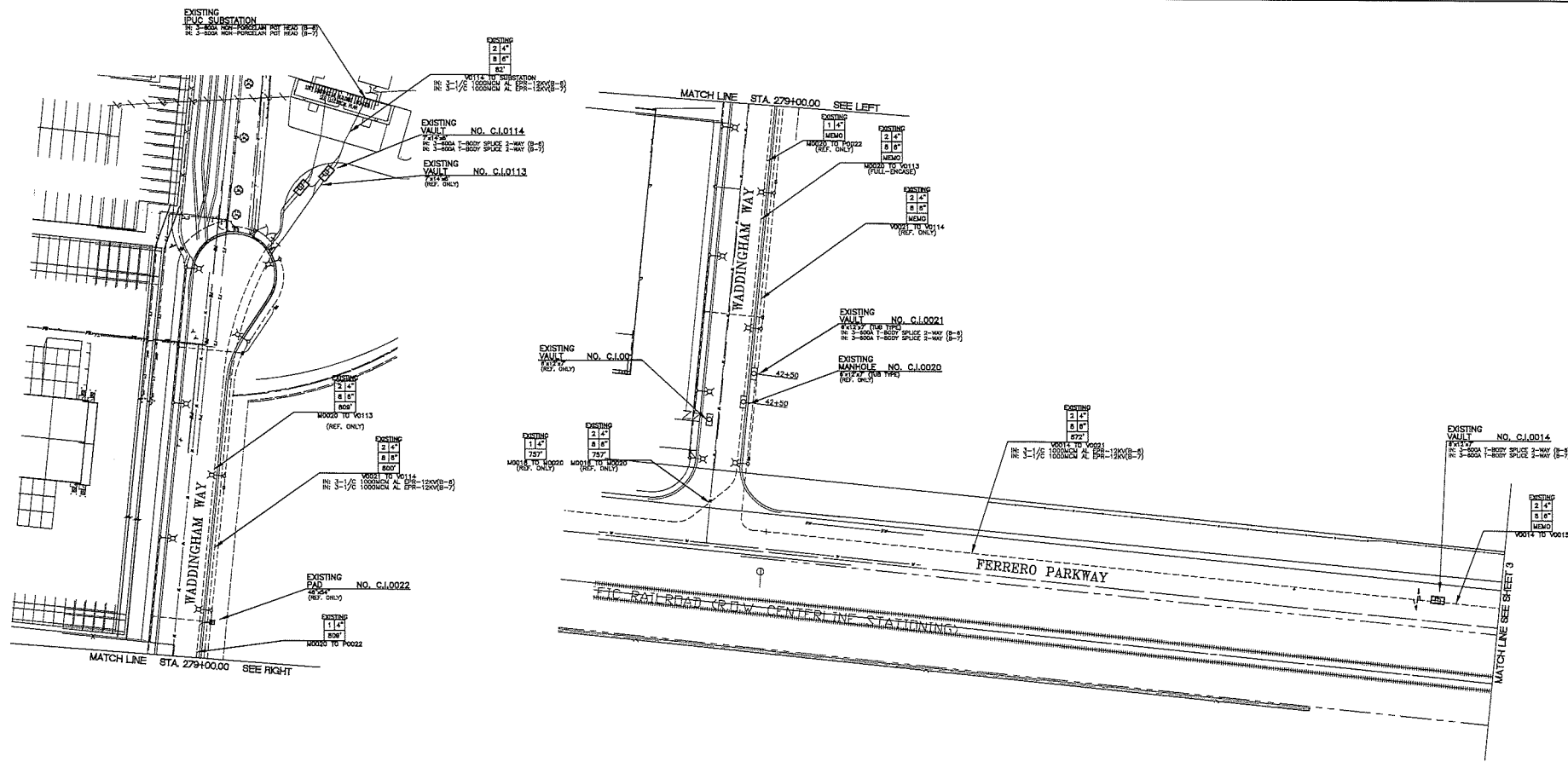
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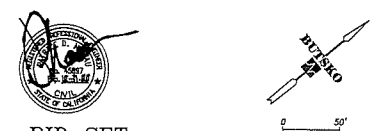
INDUSTRY PUBLIC UTILITIES COMMISSION			
APPROVED BY:	PUC ENGINEER	DATE	TITLE/HOLDING
JOSHUA NELSON, P.E.			PUBLIC UTILITIES DIRECTOR
INDUSTRY BUSINESS CENTER EAST SIDE PHASE 1			
ELECTRIC CABLE PLAN			
DESIGN BY: C.S.	CHECKED BY: D.A.P.	JOB NO.: 19C-0384	SHEET: 1 OF 11
DRAWN BY: D.C.	DATE: JUNE 16, 2019	CONTRACT NO.: 21 OF 113	

NO.	DATE	REVISIONS	OK BY:

Prepared by:
BUTSKO
UTILITY DESIGN, INC.
AN ETS COMPANY
2025 LEVITTOWN AVENUE SUITE 11
MARIETTA, GA 30067
TEL: 575-434-8228 FAX: 575-434-8930
WWW.BUTSKO.COM
P.O. BOX 10000 CHICO, CALIF. 95926



PLEASE NOTE:
 CABLING, EQUIPMENT AND STREET LIGHTS
 WILL BE BY OTHERS. THIS CONTRACT ONLY
 INCLUDES DUCTS AND STRUCTURES AS IS
 REFLECTED IN THE BID SCHEDULE.

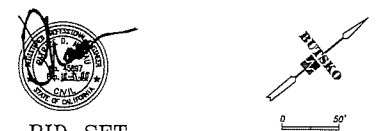
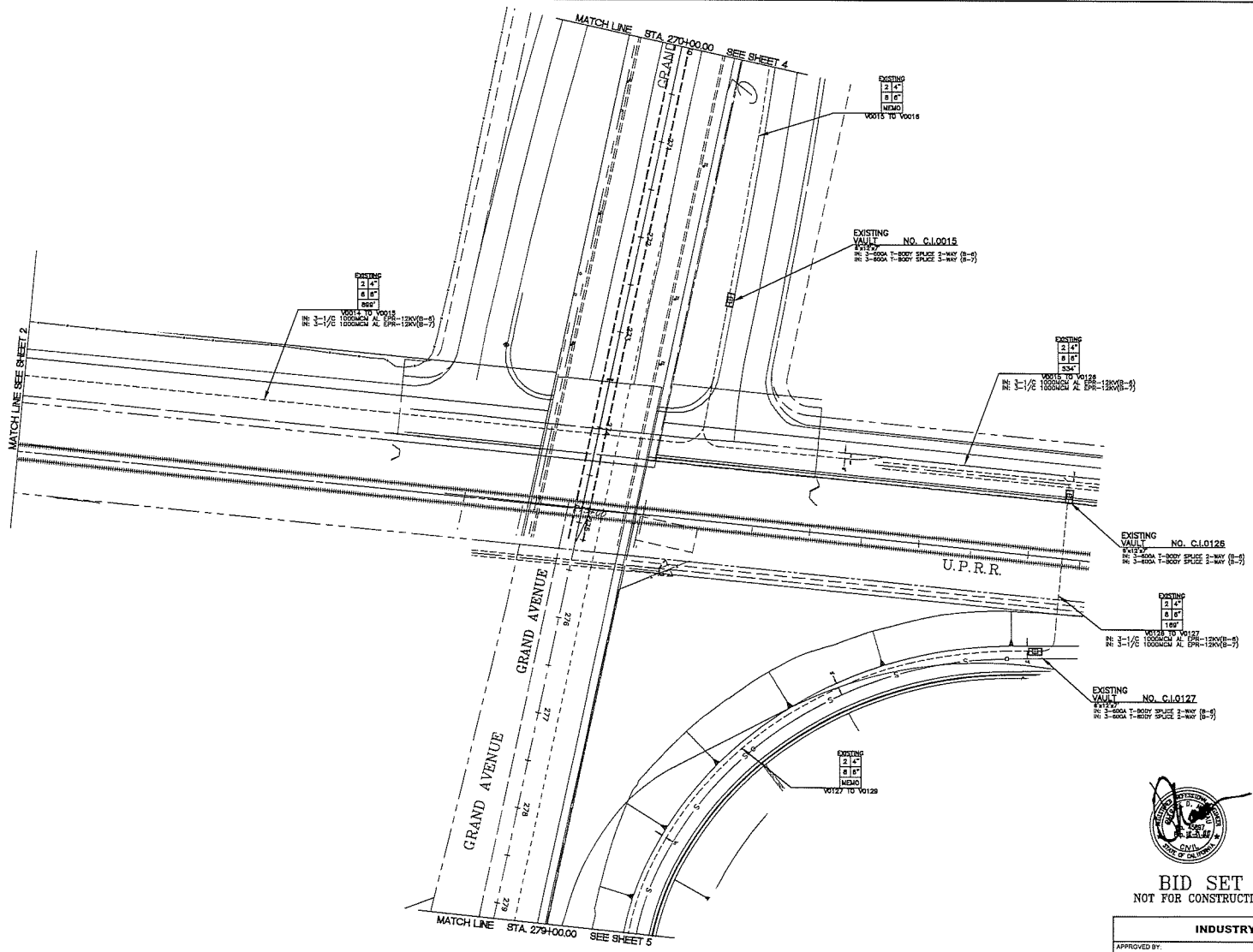


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INDUSTRY PUBLIC UTILITIES COMMISSION	
APPROVED BY:	DATE:
JOSHUA NELSON, PE (PUC ENGINEER)	
INDUSTRY BUSINESS CENTER EAST SIDE PHASE 1	
ELECTRIC CABLE PLAN	
DESIGN BY: S.B.	CHECKED BY: S.A.P.
DRAWN BY: S.B.	DATE: JUNE 16, 2016
JOB NO.: IBC-0384	CONTRACT NO.: 21 OF 113
SHEET: 2 OF 11	

NO.	DATE	REVISIONS	OC. BY

Prepared by:
BUTSKO
 UTILITY DESIGN, INC.
 AN SBE COMPANY
 2425 SUTTON AVENUE SUITE 14
 SHERMAN, CA 95966
 TEL: 530-424-8828 FAX: 530-424-8830
 WWW.BUTSKO.UTD.COM
 BY: 2010-2012 CALIFORNIA REGISTERED PROFESSIONAL ENGINEER NO. 51872

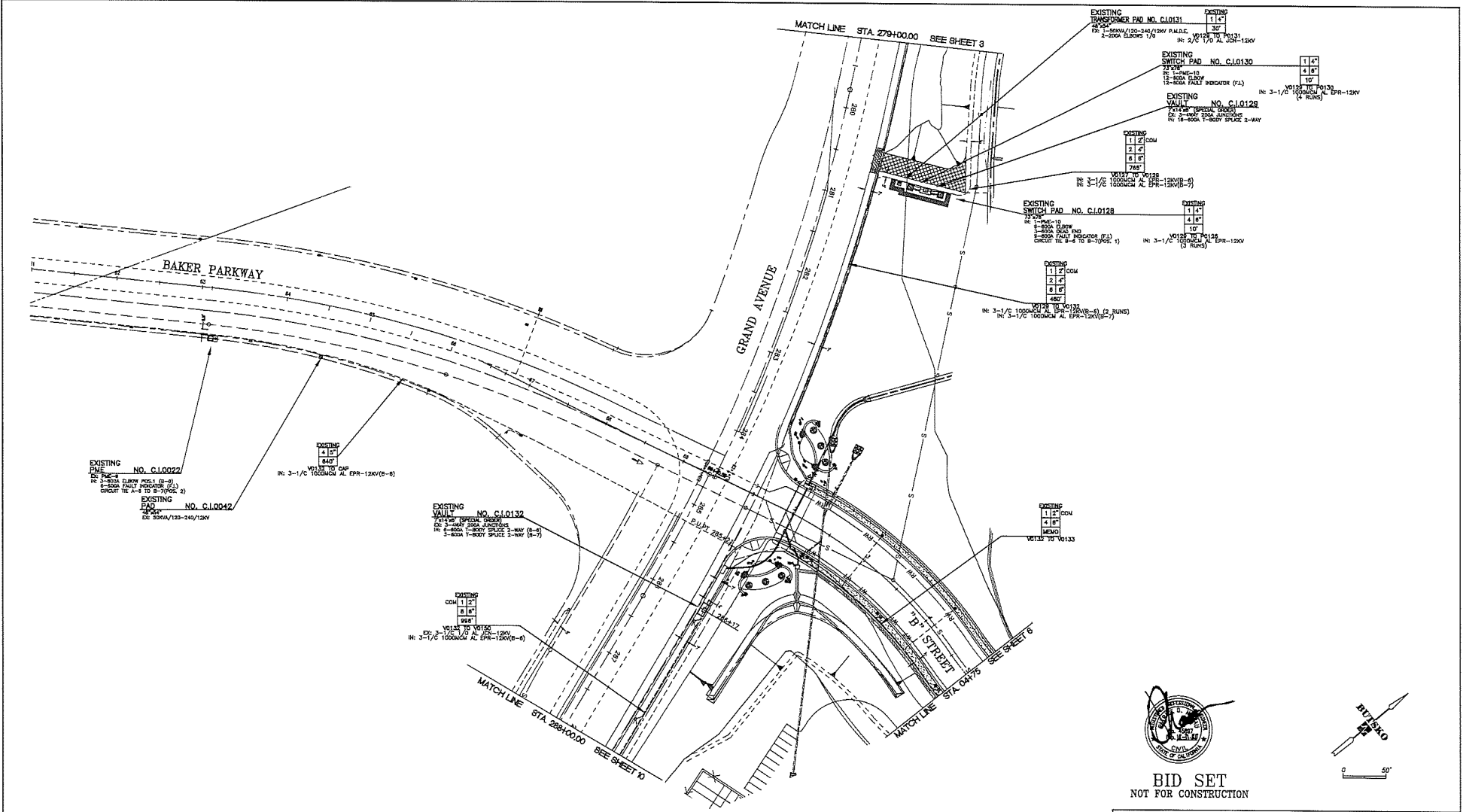


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INDUSTRY PUBLIC UTILITIES COMMISSION	
APPROVED BY:	DATE:
JOSHUA NELSON, PE IPUC ENGINEER	
INDUSTRY BUSINESS CENTER EAST SIDE PHASE 1	
ELECTRIC CABLE PLAN	
DESIGN BY: D.B.	CHECKED BY: D.A.P.
DRAWN BY: D.G.	DATE: JUNE 16, 2019
JOB NO.: IBC-0384	CONTRACT NO.: 21 OF 113
SHEET: 3 OF 11	

NO.	DATE	REVISIONS	DC. BY

Prepared by:
BUTSKO
 UTILITY DESIGN, INC.
 AN NYS COMPANY
 2835 JEFFERSON AVENUE SUITE 4
 WAPARICA, CA 92266
 TEL: 951-434-2222 FAX: 951-434-8830
 WWW.BUTSKOUTILITY.COM
BY 2008 CHANGE ORDER 10-10-08-0001-0001

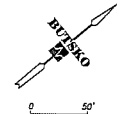
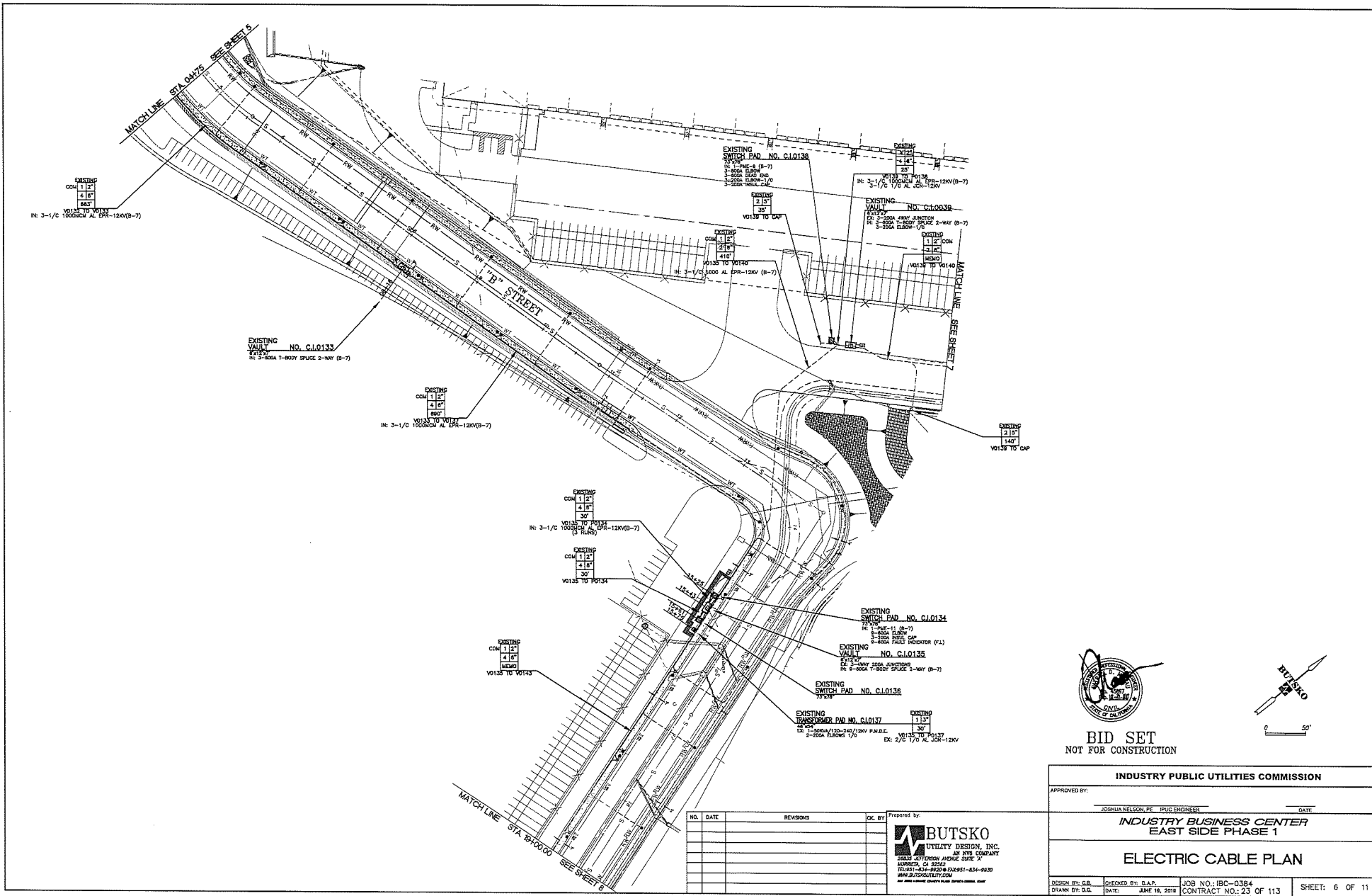


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INDUSTRY PUBLIC UTILITIES COMMISSION			
APPROVED BY: _____ DATE: _____			
INDUSTRY BUSINESS CENTER EAST SIDE PHASE 1			
ELECTRIC CABLE PLAN			
DESIGN BY: G.B.	CHECKED BY: G.A.P.	JOB NO.: IBC-0384	SHEET: 5 OF 11
DRAWN BY: G.B.	DATE: JUNE 16, 2012	CONTRACT NO.: 22 OF 113	

NO.	DATE	REVISIONS	OK BY

Prepared by: **BUTSKO**
 UTILITY DESIGN, INC.
 AN NYS COMPANY
 3600 BETTENDEN AVENUE SUITE X
 ALHAMBRA, CA 91802
 TEL: 626-438-8888 FAX: 626-438-8930
 WWW.BUTSKO.COM



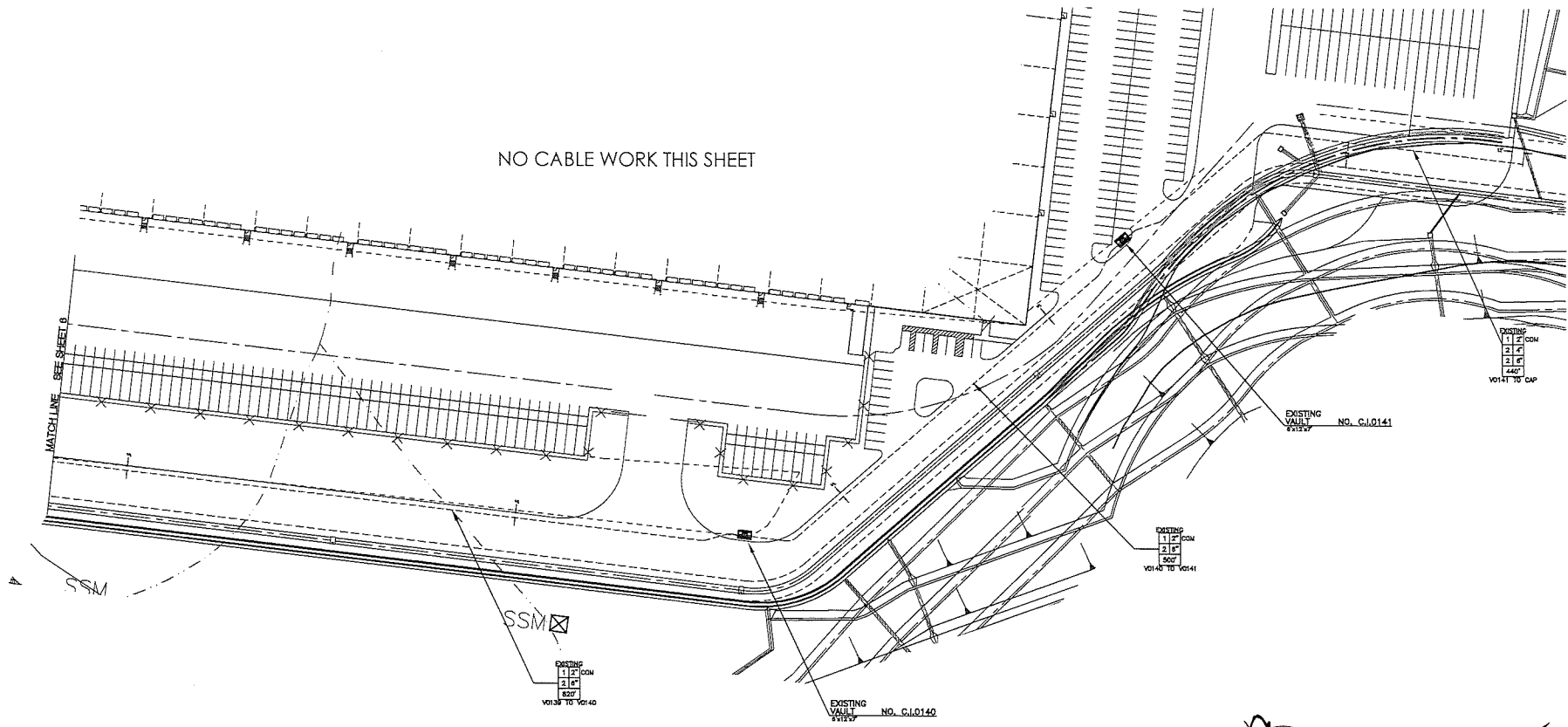
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INDUSTRY PUBLIC UTILITIES COMMISSION			
APPROVED BY: _____ DATE: _____			
JOSHUA NELSON, PE P.U.C. ENGINEER			
INDUSTRY BUSINESS CENTER EAST SIDE PHASE 1			
ELECTRIC CABLE PLAN			
DESIGN BY: G.S.	CHECKED BY: S.A.P.	JOB NO.: IBC-0384	SHEET: 6 OF 11
DRAWN BY: G.S.	DATE: JUNE 16, 2016	CONTRACT NO.: 23 OF 113	

NO.	DATE	REVISIONS	OK BY

Prepared by: **BUTSKO**
UTILITY DESIGN, INC.
AN RVE COMPANY
2555 W. TROPIC AVENUE, SUITE X
MORRISVILLE, IL 62562
TEL: 618-656-9900 FAX: 618-656-9920
WWW.BUTSKOUTILITY.COM

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APPROVED BY: _____ DATE: _____
JOSHUA NELSON, PE, ELEC. ENGINEER

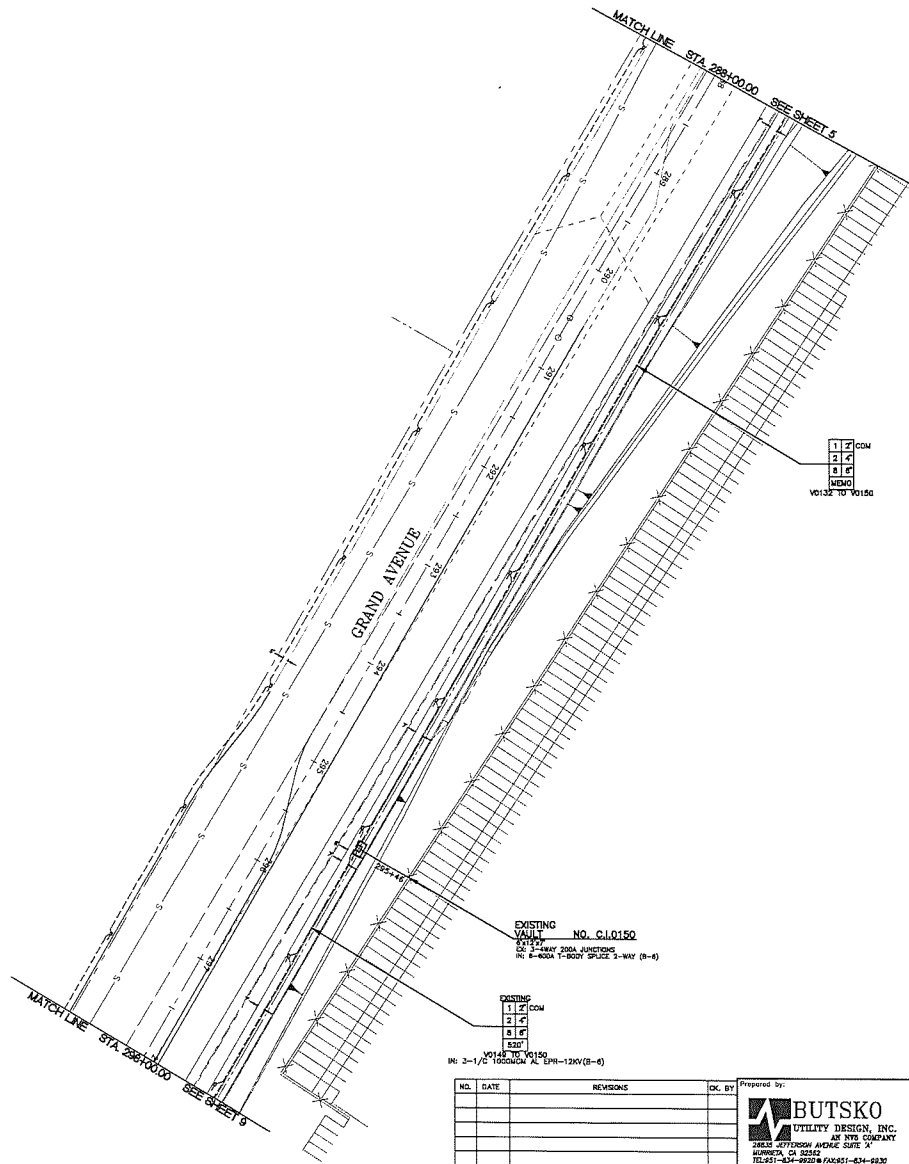
**INDUSTRY BUSINESS CENTER
EAST SIDE PHASE 1**

ELECTRIC CABLE PLAN

DESIGN BY: G.B. CHECKED BY: D.A.P. JOB NO.: IBC-0384 SHEET: 7 OF 11
DRAWN BY: D.S. DATE: JUNE 18, 2014 CONTRACT NO.: 24 OF 113

NO.	DATE	REVISIONS	OK. BY

Prepared by:
BUTSKO
UTILITY DESIGN, INC.
AN SVS COMPANY
3825 SUTHERLAND AVENUE SUITE 20
SAPRESTA, CA 92082
TEL: 619-434-9900 FAX: 619-434-9900
WWW.BUTSKOUTILITY.COM



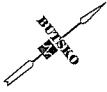
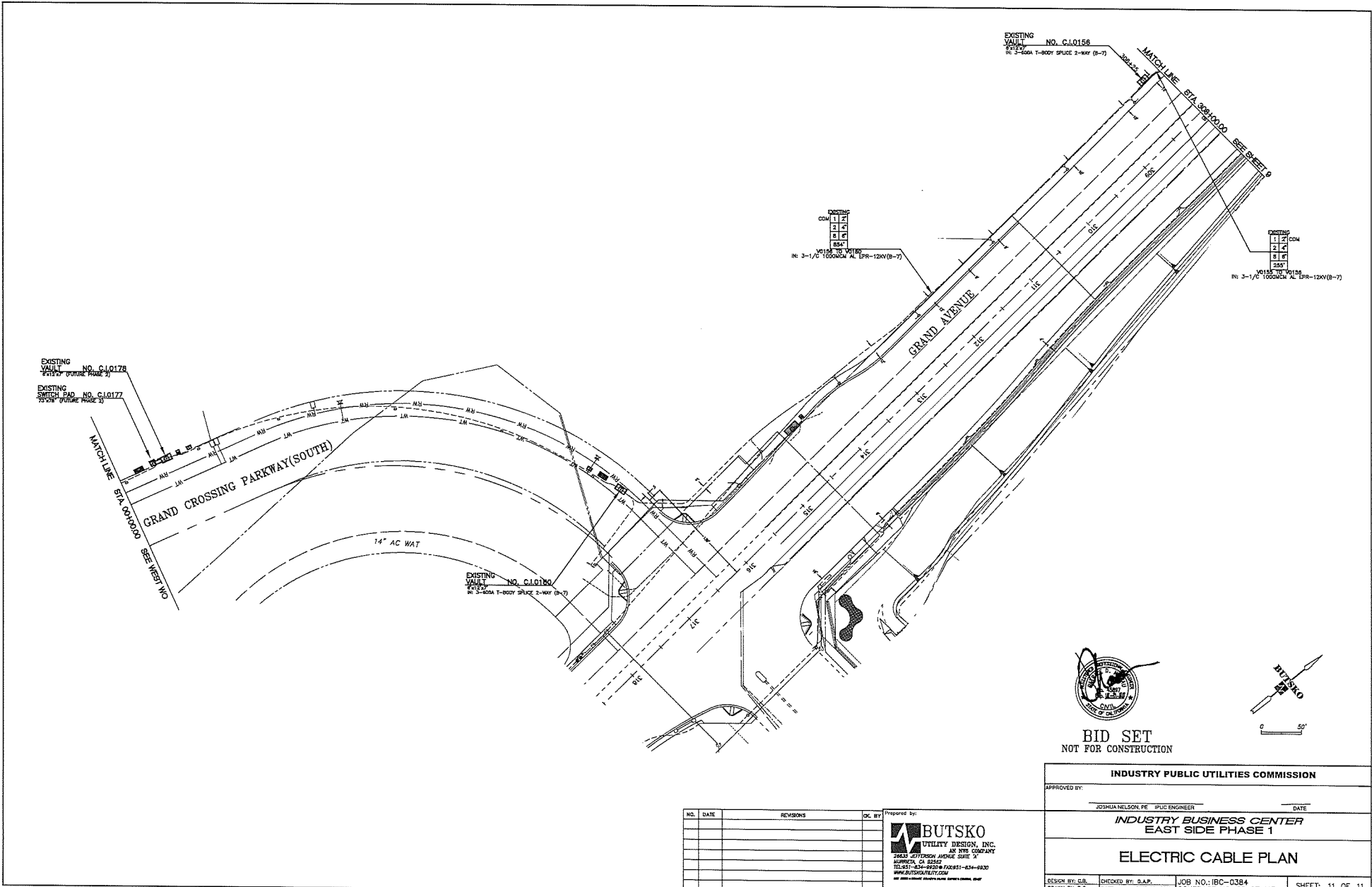
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INDUSTRY PUBLIC UTILITIES COMMISSION			
APPROVED BY:		DATE:	
JOSHUA NELSON, PE		PEUC ENGINEER	
INDUSTRY BUSINESS CENTER EAST SIDE PHASE 1			
ELECTRIC CABLE PLAN			
DESIGN BY: G.B.	CHECKED BY: D.A.K.	JOB NO.: IBC-0384	SHEET: 10 OF 11
DRAWN BY: D.A.	DATE: JUNE 18, 2016	CONTRACT NO.: 27 OF 113	

NO.	DATE	REVISIONS	OK BY

Prepared by:

BUTSKO
 UTILITY DESIGN, INC.
 AN IPE COMPANY
 2365 W. TAYLOR AVENUE SUITE 30
 SAN ANTONIO, TX 78222
 TEL: 512-344-8828 FAX: 512-344-6230
 WWW.BUTSKOUTILITY.COM



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INDUSTRY PUBLIC UTILITIES COMMISSION

APPROVED BY: _____ DATE: _____
JOSHUA NELSON, PE IPUC ENGINEER

INDUSTRY BUSINESS CENTER
EAST SIDE PHASE 1

ELECTRIC CABLE PLAN

DESIGN BY: G.B. CHECKED BY: S.A.P. JOB NO.: IBC-0384 SHEET: 11 OF 11
DRAWN BY: S.G. DATE: JUNE 14, 2019 CONTRACT NO.: 28 OF 113

NO.	DATE	REVISIONS	OK BY

Prepared by:

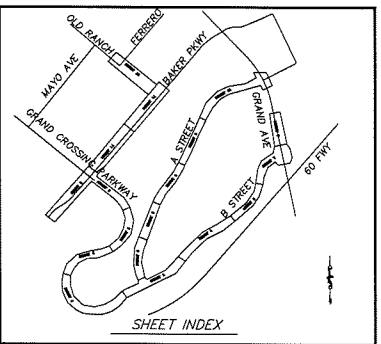
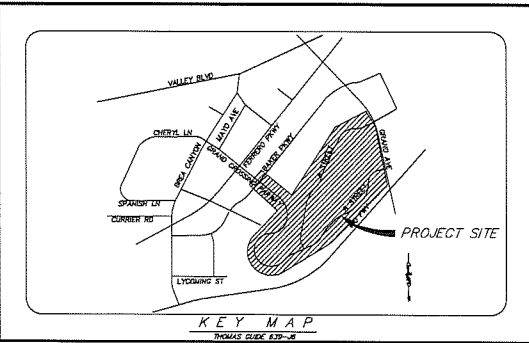
WEST SIDE ELECTRIC CABLE PLAN
NOTE: ALL SUBSTRUCTURES AND CONDUIT ARE EXISTING.
THIS JOB IS TO INSTALL ALL CABLE AND COMPONENTS.

GENERAL NOTES

- UNLESS OTHERWISE NOTED, ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC UTILITIES CONSTRUCTION, CURRENT EDITION, WITH ALL CORRECTIONS THEREAFTER, PUBLISHED BY THE CALIFORNIA STATE BOARD OF PUBLIC UTILITIES SUPERVISORS, 1000 CALIFORNIA BLVD., SUITE 200, CITY OF INDUSTRY, CA 91704, AND ALL APPROPRIATE STANDARD ORDINANCES.
- FIELD TO BE OPENED ANY WORK, THE CONTRACTOR SHALL NOTIFY A REPRESENTATIVE OF THE CITY OF INDUSTRY PUBLIC UTILITIES DEPARTMENT IN ADVANCE AT (909) 233-1534.
- THE CONTRACTOR SHALL NOTIFY THE LOS ANGELES COUNTY HEALTH DEPARTMENT (909) 445-4111 AND THE COUNTY OF SAN DIEGO HEALTH DEPARTMENT (619) 444-1111 AT THE CITY OF INDUSTRY LOCATION AT LEAST 48 HOURS PRIOR TO DATE OF WORK.
- ALL WORKERS PRIOR TO ANY WORK, THE CONTRACTOR SHALL CALL THE CALIFORNIA STATE BOARD OF PUBLIC UTILITIES SUPERVISORS AT (909) 442-4111 AND OBTAIN AN INQUIRY IDENTIFICATION NUMBER.
- ALL WORKERS SHALL BE ADVISED TO REMAIN ON GRADE OR ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC UTILITIES CONSTRUCTION.
- THE CONTRACTOR SHALL PROTECT AND RESTORE EXISTING UTILITIES AND STRUCTURES AS PER SECTION 05-1.2 AND FILE OF THE STANDARD SPECIFICATIONS FOR PUBLIC UTILITIES CONSTRUCTION.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL UTILITIES OF THIRD PARTIES, INCLUDING POWER OF GAS, TO PROTECT THIS FROM DAMAGE BY CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF NECESSARY TO DATE SHALL BE LIABLE FOR DAMAGE TO OCCUR IN CONNECTION WITH THE PROSECUTION OF THE WORK.

CONSTRUCTION NOTES:

- UNLESS OTHERWISE SPECIFIED ON THE WORKING DRAWINGS WHICH FORM A PART OF THE SPECIFICATION, THE CONTRACTOR/VEHICLE SHALL FURNISH THE FOLLOWING ITEMS AT HIS COST TO THE WORKING DRAWINGS (INDICATED BY THE DRAWING HAS ATTEMPTED TO CORRECTLY SHOW ALL EXISTING UTILITIES AND SUBSTRUCTURES IN THE VICINITY OF THE WORK, BUT DOES NOT GUARANTEE THERE ARE NO OTHER SUBSTRUCTURES IN THE AREA. FAILURE OF THE CONTRACTOR TO SHOW ALL SUBSTRUCTURES IN THEIR CORRECT LOCATIONS WILL NOT BE A BASIS FOR A CLAIM FOR COSTS WORK, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES TO SUBSTRUCTURES WHETHER SHOWN OR NOT.
- CONDUIT:
 - MINIMUM COVER IN STREET OR PARKWAY IS 30" BELOW OUTER GRADE, UNLESS NOTED OTHERWISE.
 - MINIMUM COVER FOR PRIVATE PROPERTY IS 6" BELOW FINISHED GRADE, UNLESS NOTED OTHERWISE.
 - CONTRACTOR IS TO FURNISH AND INSTALL APPROVED CONDUIT IN PUC SPECIFICATIONS FOR 100-100, 110 AND 120.
 - FOR THE TYPE OF CONDUIT FOR THIS JOB, SEE SPEC-101.
 - INSTALL ALL JOISTS FOR 100-100, 110, 120 AND 170.
 - FOR ALL MANHOLE COVERS FOR 100-100 AND SERVICE CONDUITS FOR 100-100.
 - INSTALL BLANK CONDUIT PLUGS IN ALL CONDUITS TERMINATING INTO MANHOLE, MANHOLE PLUG, BOX'S ALL CAP LOCATING FOR 100-100'S.
 - INSTALL FULL HOPE IN ALL CONDUIT ROADS. FULL HOPE TO BE 1/4" POLYPROPYLENE OR POLYETHYLENE ROPE, BRAIDED OR TWISTED, FOR OPERATIONS, APPROVED MANHOLE AND SUPPLIES, SEE SPEC-101.
 - ALL CONDUIT MUST BE HANDLED WITH THE APPROVED MANHOLE LIFT-SET.
 - CONDUIT BENDS REQUIREMENTS:
 - THE MINIMUM RADIUS FOR BENDS ARE:
 - FOR CONDUITS 2" IN DIAMETER OR SMALLER 18" FOR CONDUITS OF 3" IN DIAMETER.
 - FOR 4" DIAMETER CONDUIT 24" FOR CONDUITS OF 4" IN DIAMETER.
 - THE MINIMUM RADIUS FOR ALL OTHERS OF ALL MANHOLE CONDUITS IS 12'-4" (UNLESS NOTED OTHERWISE).
 - EXCAVATION AND BACKFILL:
 - WORK AREAS SHALL BE CLEARED AND REGRAD GRADED TO WITHIN FOUR INCHES OF FINAL GRADE PRIOR TO INSTALLATION OF AGENCY CONDUIT OR STRUCTURE.
 - ALL EXCAVATIONS SHALL BE IN ACCORDANCE WITH THE CALIFORNIA STATE CONSTRUCTION SAFETY ORDERS (WHEN APPLICABLE), AGENCY SPECIFICATIONS, AND ALL GOVERNING LOCAL ORDINANCES.
 - BACK TRENCH TO BE 18" WIDER THAN FINISH GRADE PRIOR TO INSTALLATION OF PUC CONDUIT OR STRUCTURES.
 - BACKFILL SHALL BE PROVIDED BY THE CONTRACTOR FOR ALL EXCAVATIONS AND SHALL INCLUDE CRUSHED ROCK, CONCRETE, AND/OR APPROVED BACKFILL WHEN REQUIRED.
 - BACKFILL SHALL BE UNIFORM OF ONE SIZE FOR THIS SIZE CONDUIT ALBERT AND/OR OTHER MANHOLE AND MANHOLE FOR 100-100, 110, 120, AND 170 AND APPROVED BACKFILL WITH ONE FOOT OF FINISHED GRADE OVER CONDUIT.
 - CONDUIT SHALL BE PROTECTED BY CONCRETE OR ANY OTHER METHOD OF PROTECTION. ALL CONDUIT SHALL BE INSTALLED AT A MINIMUM SHALL BE LEFT EXPOSED OVER 24 HOURS.
 - IF EXISTING BACKFILL IS FOUND TO BE UNSATISFACTORY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING BACKFILL CAPABLE OF PASSING THROUGH A ONE-HALF INCH SCREEN SHALL BE CONSIDERED TO BE "TACK TEST". IF EXISTING BACKFILL IS FOUND TO BE UNSATISFACTORY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING BACKFILL CAPABLE OF PASSING THROUGH A ONE-HALF INCH SCREEN SHALL BE CONSIDERED TO BE "TACK TEST". AFTER THIS POINT, NO MORE THAN 12" DIAMETER ARE PERMITTED.
 - ALL MANHOLE SHALL BE CONFORMED TO MEET OR EXCEED LOCAL ORDINANCES OR OTHER REQUIREMENTS. IT SHALL BE PLACED IN A MANNER THAT WILL NOT DAMAGE THE CONDUIT OR SUBSTRUCTURE OR ALLOW FUTURE SUBSIDENCE OF THE TRENCH OR STRUCTURE.
 - PAVING:
 - REPAIRING WORKS REQUIRED, SHALL BE PLACED IN SUCH A MANNER THAT INTERFERENCE WITH TRAFFIC, INCLUDING PEDESTRIAN TRAFFIC, WILL BE KEPT TO A MINIMUM. THE CONTRACTOR SHALL DEVELOP A PROGRAM OF REPAIRS ACCEPTABLE TO THE MUNICIPALITY, COUNTY, OR OTHER AUTHORITY HAVING JURISDICTION AND WHICH IS ACCEPTABLE TO AGENCY.
 - STRUCTURES:
 - ALL SUBSTRUCTURES SHALL BE CONSTRUCTED OR INSTALLED TO PUC SPECIFICATIONS.
 - ALL STRUCTURES SHALL BE CONSTRUCTED OR INSTALLED TO PUC SPECIFICATIONS.
 - ALL CONDUIT LINES AND CONCRETE FLOORED SUBSTRUCTURES SHALL BE WATER TIGHT.
 - ALL EXISTING MATERIALS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
 - RETAINING WALLS:
 - WHEN REQUIRED, RETAINING WALLS SHALL BE PROVIDED BY THE CONTRACTOR. WALLS ARE REQUIRED UNLESS GRADE RISES MORE THAN 18 INCHES ABOVE THE STRUCTURE OR 24" ABOVE THE FINISH GRADE AT A DISTANCE OF 5 FEET FROM THE SIDE, OR IN AREAS SUBJECT TO EROSION. DESIGN AND INSTALLATION MUST COMPLY WITH LOCAL BUILDING ORDINANCES.
 - TO AGENCY INSPECTOR FOR TYPICAL SPECIFICATIONS.
 - PERMITS:
 - ALL PERMITS NECESSARY FOR EXCAVATION SHALL BE PROVIDED BY THE CONTRACTOR.
 - ACCESS:
 - HEAVY TRUCK ACCESS SHALL BE MAINTAINED TO EQUIPMENT LOCATIONS. STRUCTURES MUST BE CLEAR OF ALL APPURTENANCES THAT WOULD OBSTRUCT THE LOADING OR UNLOADING OF EQUIPMENT.
 - SERVICES:
 - METERS AND SERVICES SHALL COMPLY WITH AGENCY SERVICES REQUIREMENTS.
 - WORK MUST BE IN ACCORDANCE WITH APPLICABLE LOCAL ORDINANCES AND APPROVED BY LEGAL PROTECTION AUTHORITIES.
 - LOCATIONS:
 - THE LOCATION OF EXCAVATIONS AND STRUCTURES FOR AGENCY SHALL BE AS SHOWN ON THE WORKING DRAWINGS. NO DEVIATION FROM THE PLANNED LOCATIONS WILL BE TOLERATED UNLESS APPROVED BY THE PUC INSPECTOR.
 - ACTUAL LOCATION OF EXCAVATIONS, STORM DRAINS, AND/OR OTHER EXISTING UTILITIES TO BE THE RESPONSIBILITY OF THE CONTRACTOR.
 - CONTRACTOR IS TO VERIFY LOCATION AND METHOD OF ALL SIDEWALKS AND DRIVEWAYS PRIOR TO STREET LIGHT INSTALLATION, WITH THE APPROVED STREET IMPROVEMENT PLAN, APPROVED STREET LIGHT PLANS AND THE ACTUAL FIELD CONDITIONS.
 - SURVEY:
 - MARKING OF STREET IMPROVEMENTS, PROPERTY CORNERS, LOT LINES, FINISHED GRADE, ETC., NECESSARY FOR THE INSTALLATION OF UNDERGROUND FACILITIES MUST BE COMPLETED AND MARKERS OF STAKES PLACED PRIOR TO THE START OF THE INSTALLATION. IN ADDITION, CONTRACTOR SHALL MAINTAIN THE MARKERS DURING THE INSTALLATION AND INSPECTION BY PUC. GRADE AND PROPERTY LINE STAKES MUST SHOW ANY OFFSET MEASUREMENTS.
 - COORDINATION AND SUPERVISION:
 - THE CONTRACTOR SHALL PROVIDE SUPERVISION OVER AND COORDINATION AMONG THE VARIOUS CONTRACTORS WORKING THE DEVELOPMENT IN ORDER TO PREVENT DAMAGE TO AGENCY FACILITIES. HE IS RESPONSIBLE FOR THE COST OF REPAIRS, REPLACEMENT, RELOCATION, OR OTHER CORRECTIONS TO PUC FACILITIES MADE NECESSARY BY HIS FAILURE TO PROVIDE SUPERVISION OR TO OTHERWISE COMPLY WITH THESE SPECIFICATIONS.
 - TELEPHONE AND OTHER UTILITY REQUIREMENTS:
 - THE DRAWING PREPARED FOR THIS JOB MAY ALSO COVER THE FACILITIES TO BE INSTALLED FOR THE TELEPHONE COMPANY AND/OR OTHER UTILITIES. ANY QUESTIONS CONCERNING DETAILS OF THEIR INSTALLATION SHOULD BE REFERRED TO THE COMPANY CONCERNED.
 - WARRANTY:
 - CONTRACTOR EXPRESSLY REPRESENTS AND WARRANTS THAT ALL WORK PERFORMED AND ALL MATERIAL USED IN MEETING CONTRACTOR'S OBLIGATIONS HEREIN ARE FREE FROM DEFECTS IN WORKMANSHIP AND ARE IN CONFORMITY WITH PUC REQUIREMENTS. THIS WARRANTY SHALL COMMENCE UPON RECEIPT BY CONTRACTOR OF PUC'S FINAL ACCEPTANCE AND SHALL LAST FOR ONE YEAR FROM THAT DATE. CONTRACTOR AGREES TO PROMPTLY CORRECT TO THE AGENCY'S SATISFACTION AND TO THE CONTRACTOR'S, AGENT HAVING JURISDICTION AND ALL CONTRACTORS' SERVICE AND REPAIRS OF THIS WARRANTY WORK AT NO COST TO THE AGENCY THROUGH REPAIRS OF OPERATION OF UNDERGROUND ELECTRIC SYSTEM BY PUC DURING THIS WARRANTY PERIOD.
 - INSPECTION:
 - INSPECTION IS REQUIRED DURING THE CONSTRUCTION PERIOD. A 48 HOUR ADVANCE NOTICE OF WHEN TO START CONSTRUCTION IS REQUIRED FROM THE CONTRACTOR TO THE INDUSTRY URBAN DEVELOPMENT PUC. PHONE: (909)333-6334.

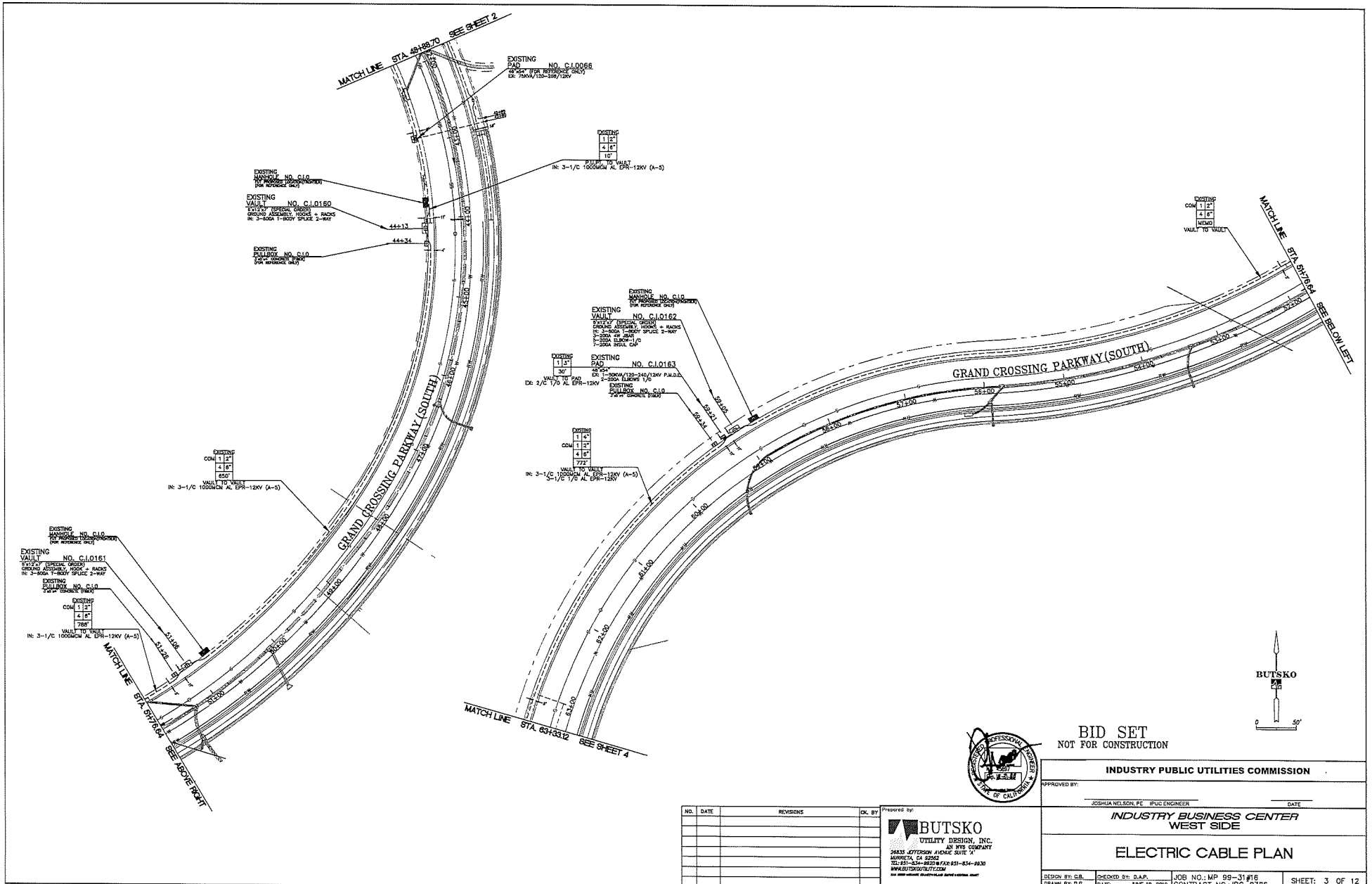


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INDUSTRY PUBLIC UTILITIES COMMISSION			
APPROVED BY:	JUDITH NEALOR, PE	PUC ENGINEER	DATE: _____
		THOM HILLING	PUBLIC UTILITIES DIRECTOR
			DATE: _____
INDUSTRY BUSINESS CENTER WEST SIDE			
ELECTRIC CABLE PLAN			
DESIGN BY: C.B.	CHECKED BY: B.A.P.	JOB NO.: WP 88-31#16	SHEET: 1 OF 12
DRAWN BY: D.R.	DATE: JUNE 19, 2019	CONTRACT NO.: IBC-0386	

NO.	DATE	REVISIONS	OK BY

Prepared by:



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INDUSTRY PUBLIC UTILITIES COMMISSION

APPROVED BY: _____ DATE _____
JOSHUA NELSON, P.E. IPUC ENGINEER

INDUSTRY BUSINESS CENTER
WEST SIDE

ELECTRIC CABLE PLAN

DESIGN BY: G.B. CHECKED BY: D.A.P. JOB NO.: MP 99-31#16 SHEET: 3 OF 12
 DRAWN BY: S.G. DATE: JUNE 18, 2019 CONTRACT NO.: IBC-0366

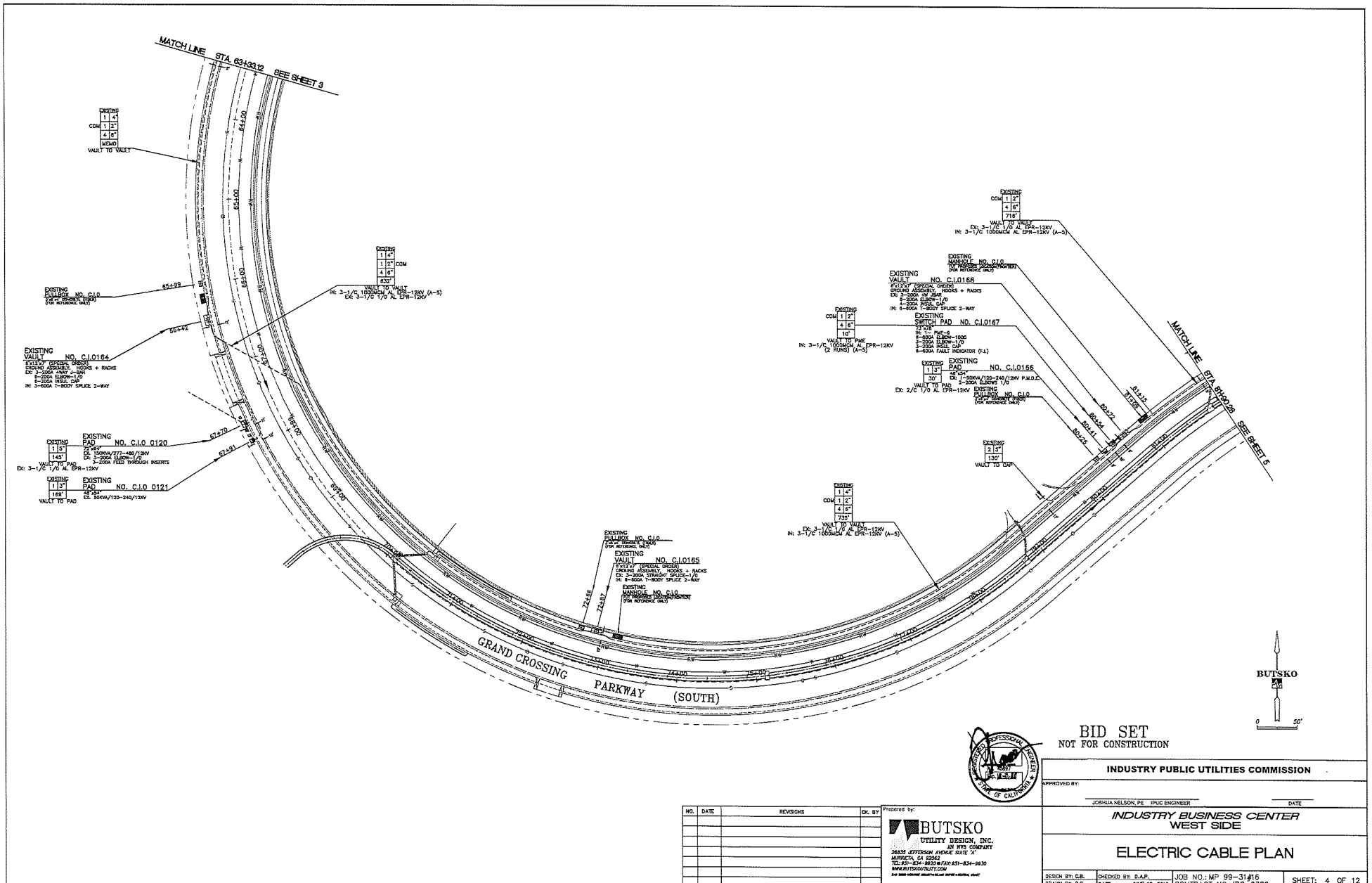


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Prepared by:

BUTSKO
UTILITY DESIGN, INC.
A J2 INTL COMPANY

24833 JEFFERSON AVENUE SUITE 31
 SEPULVEDA, CA 91352
 TEL: 818-356-9929 FAX: 818-356-9930
 WWW.BUTSKOUTILITY.COM



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INDUSTRY PUBLIC UTILITIES COMMISSION

APPROVED BY: _____ DATE: _____
JOSHUA NELSON, P.E. IPUC ENGINEER

**INDUSTRY BUSINESS CENTER
WEST SIDE**

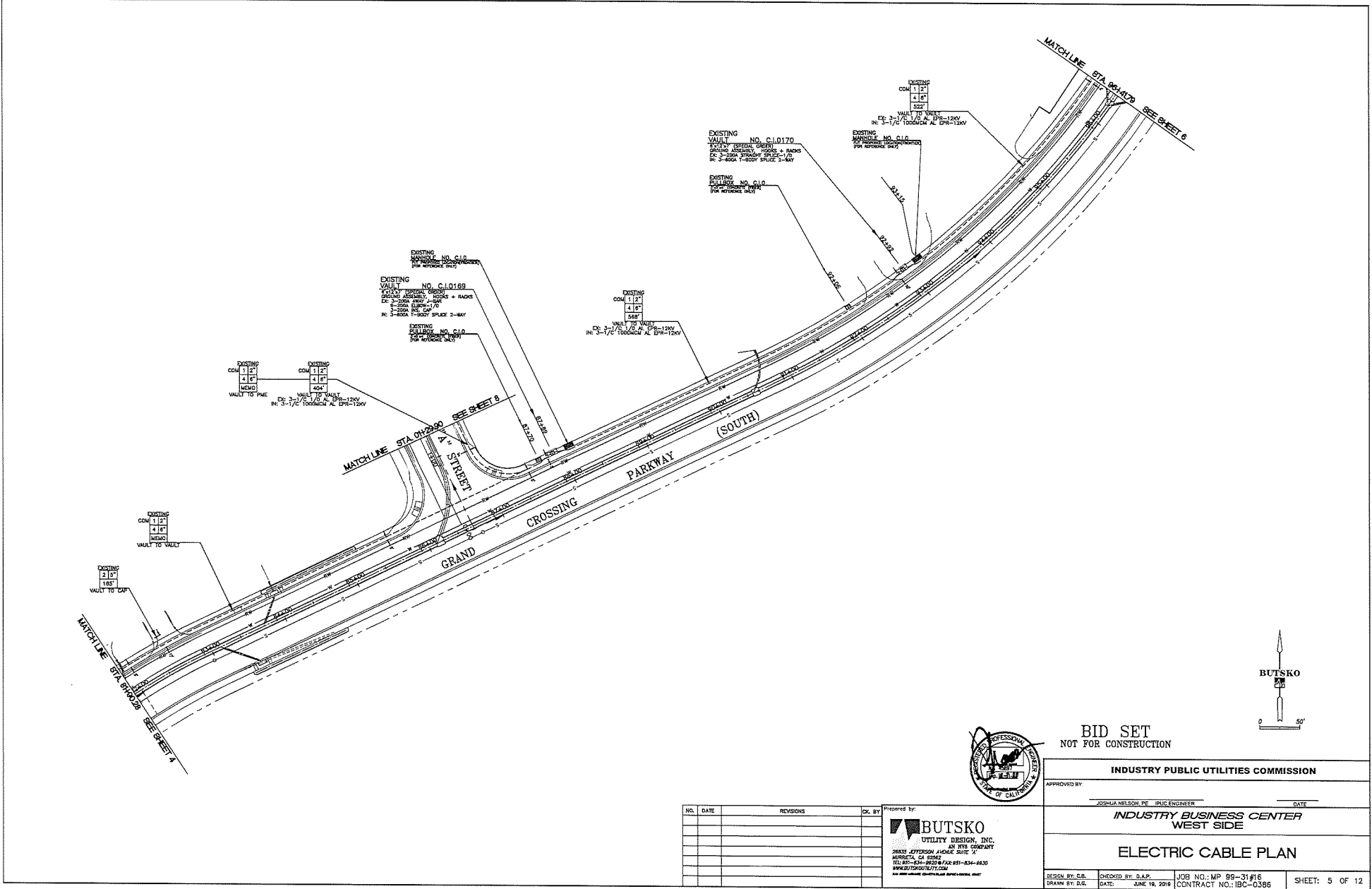
ELECTRIC CABLE PLAN

DESIGN BY: C.B. CHECKED BY: D.A.P. JOB NO.: MP 99-31#16
 DRAWN BY: D.G. DATE: JUNE 19, 2010 CONTRACT NO.: IBC-0386 SHEET: 4 OF 12



BUTSKO
UTILITY DESIGN, INC.
AN IPTC COMPANY
2845 JEFFERSON AVENUE SUITE 9
MANTROSA, CA 92562
TEL: 951-681-8810 FAX: 951-634-8830
WWW.BUTSKOUTILITY.COM

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APPROVED BY: JOSHUA NELSON, PE IPIUC ENGINEER DATE: _____

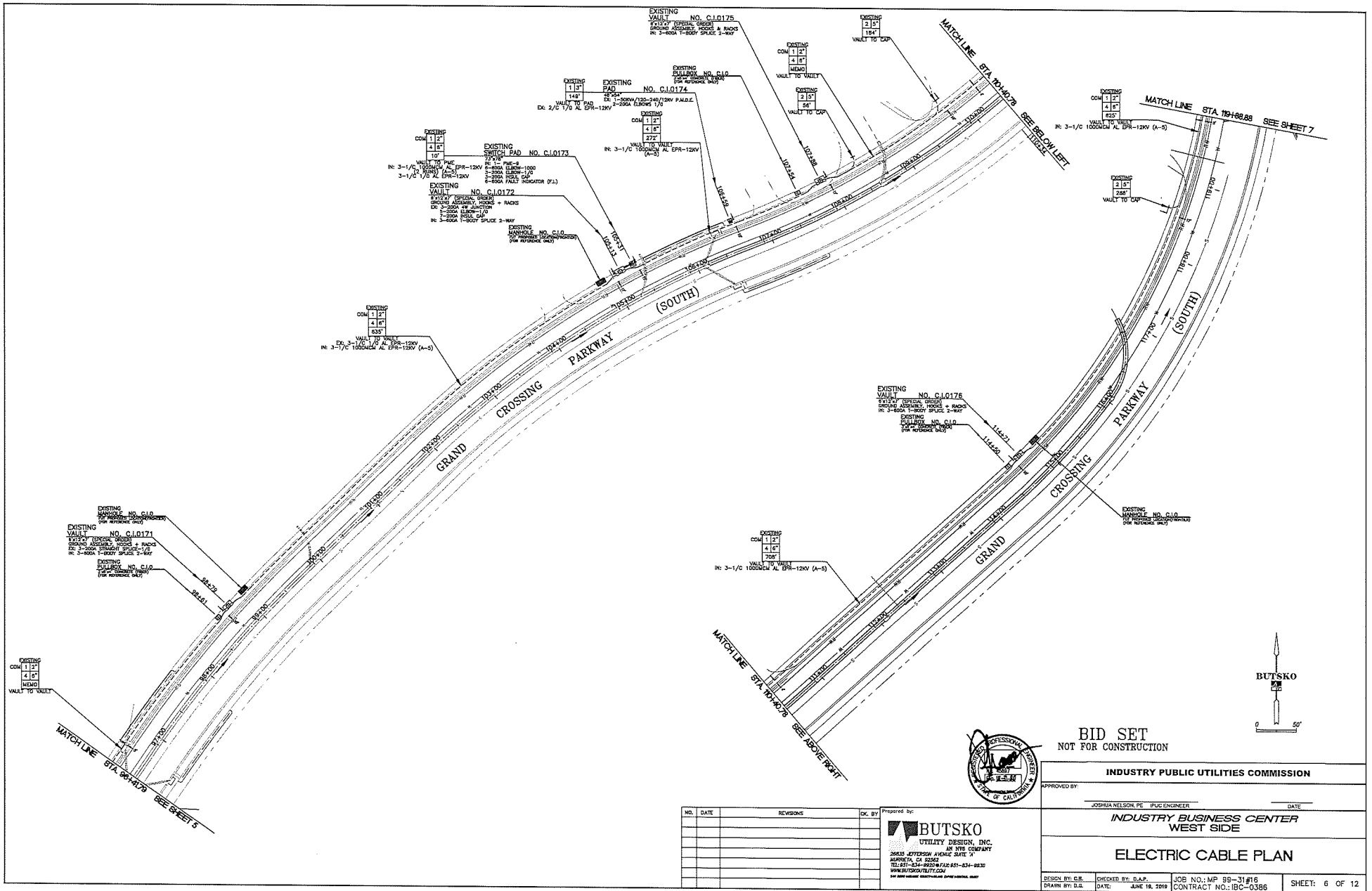
INDUSTRY BUSINESS CENTER
WEST SIDE

ELECTRIC CABLE PLAN

NO.	DATE	REVISIONS	OK BY

Prepared by:
BUTSKO
UTILITY DESIGN, INC.
AN ITS COMPANY
3845 JEFFERSON AVENUE SUITE 51
MARBETA, CA 92052
TEL: 619-434-1939 FAX: 619-434-6630
WWW.BUTSKOUTILITY.COM
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DESIGN BY: C.B. CHECKED BY: D.A.P. JOB NO.: MP 89-31#16 SHEET: 5 OF 12
DRAWN BY: D.C. DATE: JUNE 19, 2016 CONTRACT NO.: IBC-0366



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APPROVED BY: _____ DATE: _____
JOSHUA NELSON, PE PUC ENGINEER

INDUSTRY BUSINESS CENTER
WEST SIDE

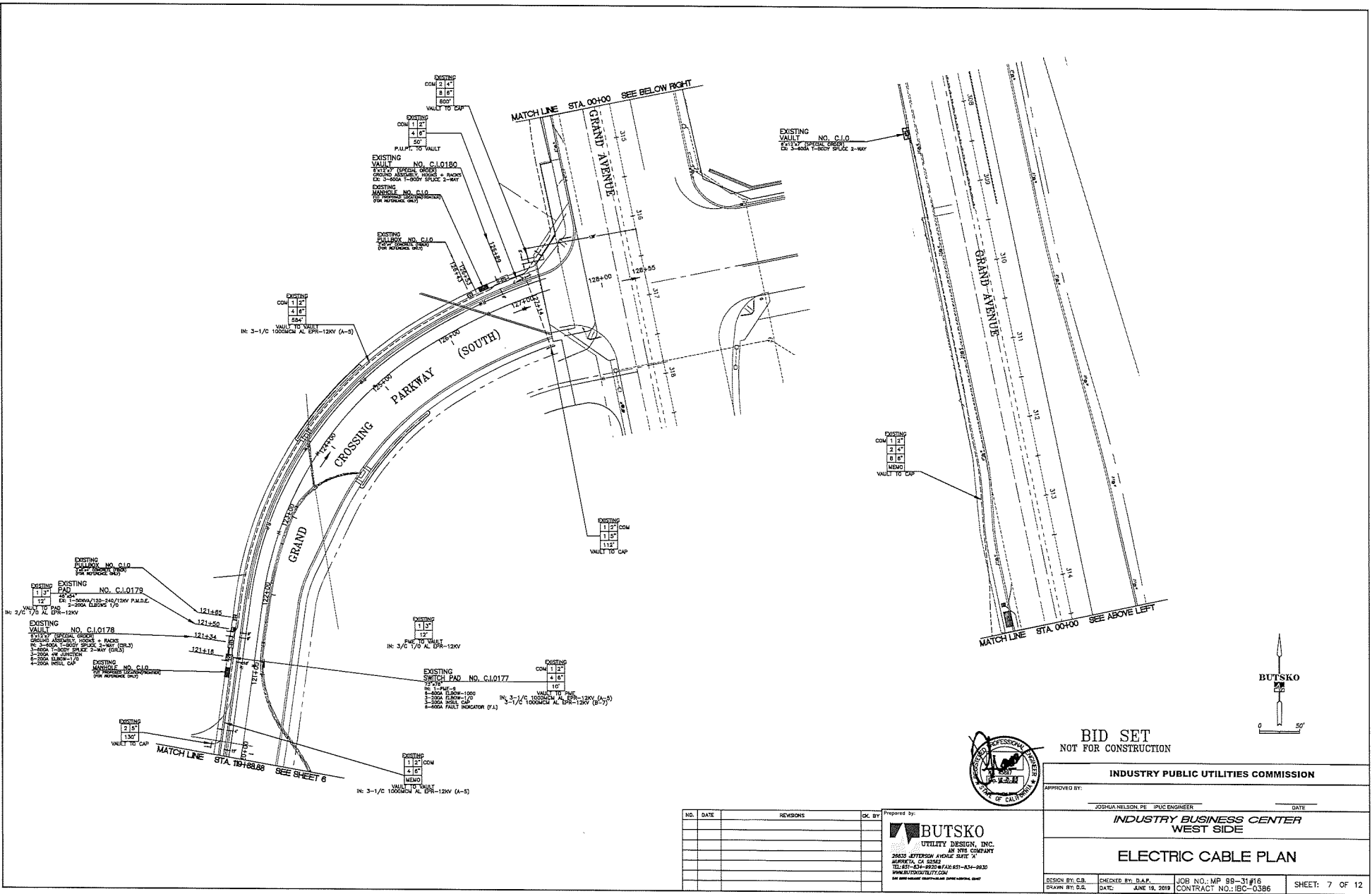
ELECTRIC CABLE PLAN

DESIGN BY: C.B. CHECKED BY: C.A.P. JOB NO.: MP 89-31#16 SHEET: 6 OF 12
 DRAWN BY: D.G. DATE: JUNE 18, 2016 CONTRACT NO.: IBC-0386



BUTSKO
UTILITY DESIGN, INC.
AN ITS COMPANY
2845 LITTLETON AVENUE SUITE 3
MARIETTA, GA 30067
TEL: 770-424-8900 FAX: 770-424-8920
WWW.BUTSKOUTILITY.COM

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INDUSTRY PUBLIC UTILITIES COMMISSION

APPROVED BY: JOSHUA NELSON, PE (PUBLIC ENGINEER) DATE: _____

INDUSTRY BUSINESS CENTER
WEST SIDE

ELECTRIC CABLE PLAN

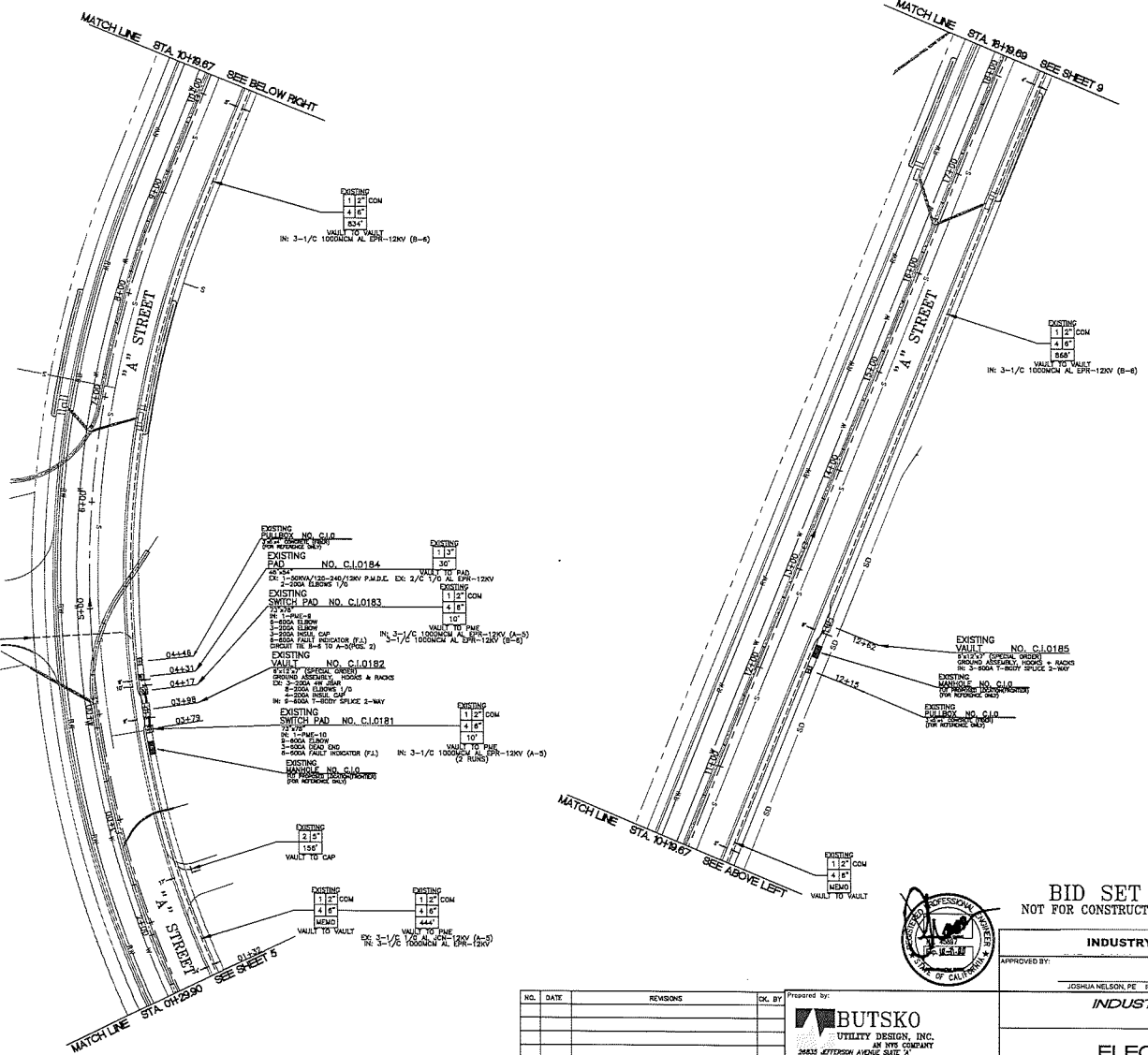
NO.	DATE	REVISIONS	OK BY

Prepared by:

BUTSKO
UTILITY DESIGN, INC.
AN NYS COMPANY
28635 WETTERON AVENUE SUITE 'A'
ROCKFORD, CA 95962
TEL: 916-734-9900 FAX: 916-434-8620
WWW.BUTSKOUTILITY.COM

MATCH LINE STA. 0428.07 SEE BELOW RIGHT

MATCH LINE STA. 1819.00 SEE SHEET 9



EXISTING
112" COM
41" H
26" W
VAULT TO VAULT
IN: 3-1/2" 100000 AL EPR-12KV (B-4)

EXISTING
112" COM
41" H
26" W
VAULT TO VAULT
IN: 3-1/2" 100000 AL EPR-12KV (B-4)

EXISTING
215" H
135" W
VAULT TO CAP

EXISTING NO. C.I.0184
PAD
EX: 1-2000V/25-340/12KV P.M.D.L. EX: 2/C 1/2 AL EPR-12KV
2-2000 SUPPLY 1/2"
EXISTING NO. C.I.0183
SWITCH PAD
EX: 1-2000V/25-340/12KV P.M.D.L. EX: 2/C 1/2 AL EPR-12KV (A-5)
3-2000 SUPPLY 1/2"
EXISTING NO. C.I.0182
VAULT
EX: 1-2000V/25-340/12KV P.M.D.L. EX: 2/C 1/2 AL EPR-12KV (A-5)
3-2000 SUPPLY 1/2"
EXISTING NO. C.I.0181
SWITCH PAD
EX: 1-2000V/25-340/12KV P.M.D.L. EX: 2/C 1/2 AL EPR-12KV (A-5)
3-2000 SUPPLY 1/2"

EXISTING NO. C.I.0185
VAULT
EX: 1-2000V/25-340/12KV P.M.D.L. EX: 2/C 1/2 AL EPR-12KV (A-5)
3-2000 SUPPLY 1/2"

EXISTING
112" COM
41" H
26" W
VAULT TO VAULT

EXISTING
215" H
135" W
VAULT TO CAP

EXISTING
112" COM
41" H
26" W
VAULT TO VAULT
IN: 3-1/2" 100000 AL EPR-12KV (B-5)



BID SET
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INDUSTRY PUBLIC UTILITIES COMMISSION

APPROVED BY: JOSHUA NELSON, PE (PUC ENGINEER) DATE: _____

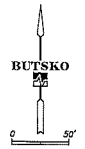
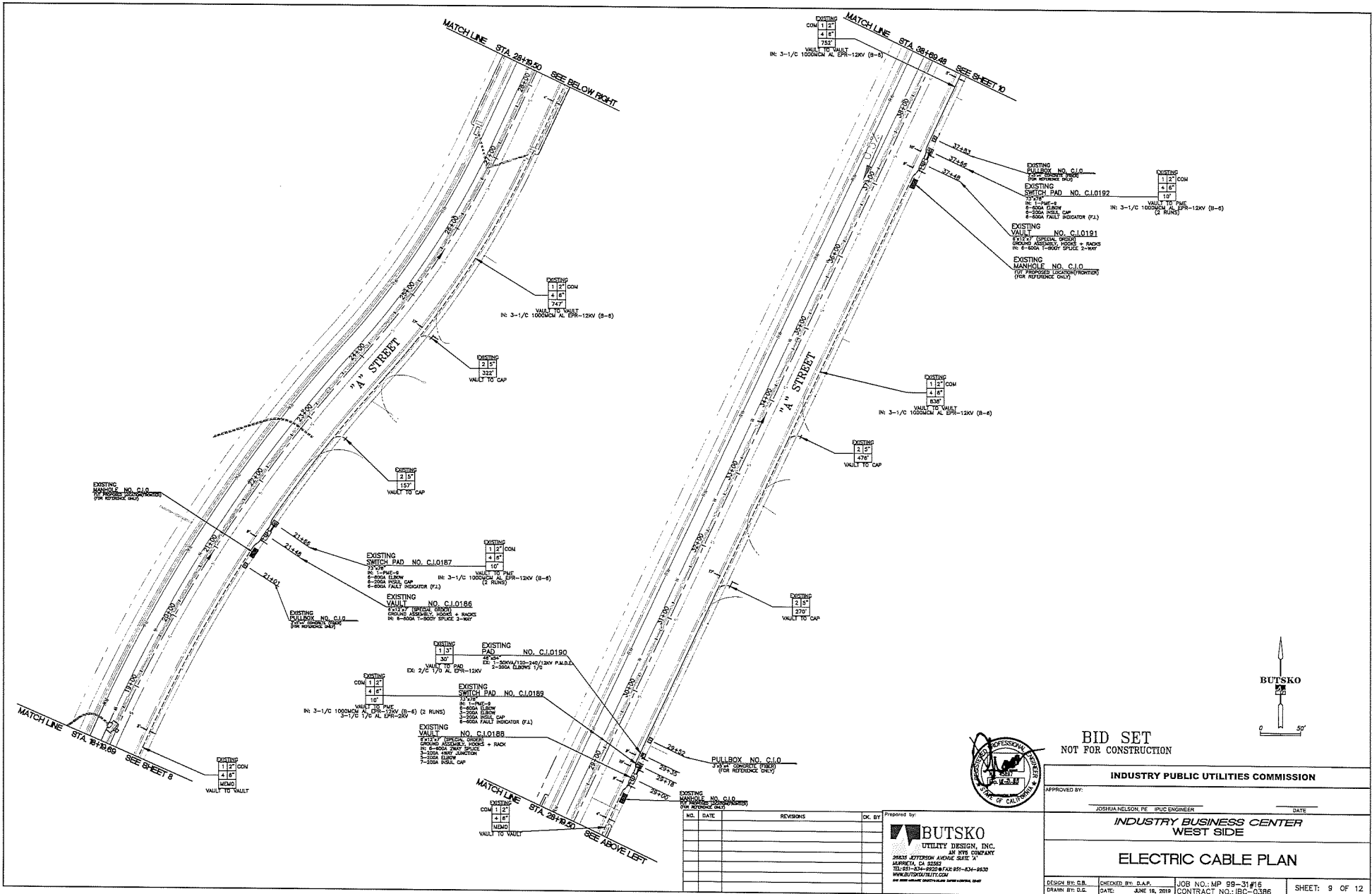
INDUSTRY BUSINESS CENTER
WEST SIDE

ELECTRIC CABLE PLAN

NO.	DATE	REVISIONS	OK BY

Prepared by:
BUTSKO
UTILITY DESIGN, INC.
AN IPE COMPANY
2825 LITTLETON AVENUE SUITE 21
BAYPETA, CA 92022
TEL: 619-434-8800 FAX: 619-434-8830
WWW.BUTSKOUTILITY.COM

DESIGN BY: E.B. CHECKED BY: D.A.P. JOB NO.: MP 89-31#16 SHEET: 8 OF 12
DRAWN BY: D.E. DATE: JUNE 18, 2010 CONTRACT NO.: IBC-0386



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INDUSTRY PUBLIC UTILITIES COMMISSION

APPROVED BY: _____ DATE _____
JOSHUA NELSON, PE, SPIC ENGINEER

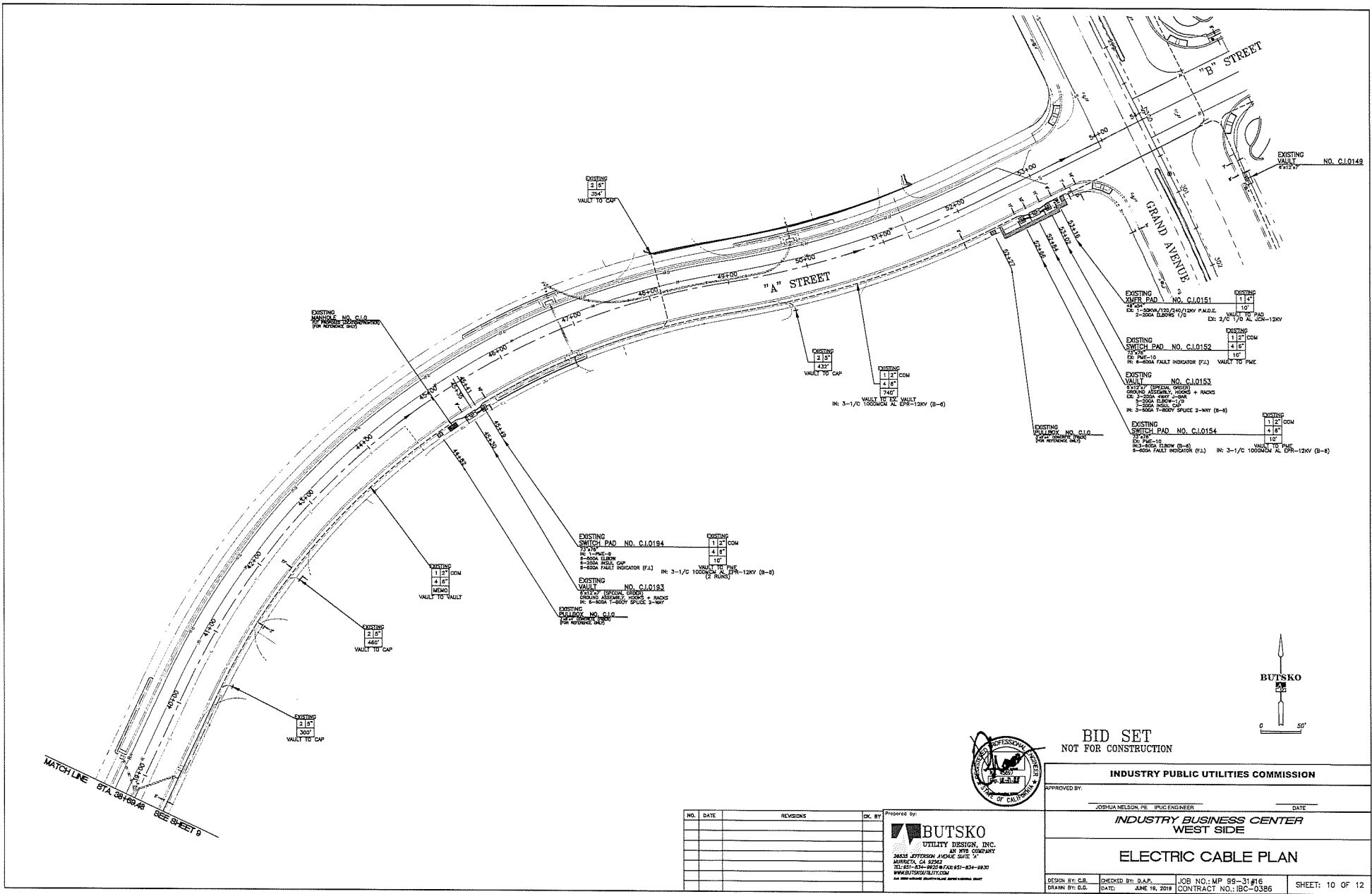
**INDUSTRY BUSINESS CENTER
WEST SIDE**

ELECTRIC CABLE PLAN



BUTSKO
UTILITY DESIGN, INC.
AN IHS COMPANY
3825 KETTERMAN AVENUE SUITE 21
SARASOTA, FL 34236
TEL: 941-554-9900 FAX: 941-554-9900
WWW.BUTSKO/UTILITY.COM

NO.	DATE	REVISIONS	OK BY



- EXISTING VALVE NO. C.I.0149
- EXISTING VALVE NO. C.I.0151
- EXISTING SWITCH PAD NO. C.I.0152
- EXISTING VALVE NO. C.I.0153
- EXISTING VALVE NO. C.I.0154
- EXISTING VALVE NO. C.I.0194
- EXISTING VALVE NO. C.I.0193
- EXISTING VALVE NO. C.I.0



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APPROVED BY: _____ DATE: _____
JOSHUA NELSON, PE, SUPV. ENGINEER

**INDUSTRY BUSINESS CENTER
WEST SIDE**

ELECTRIC CABLE PLAN

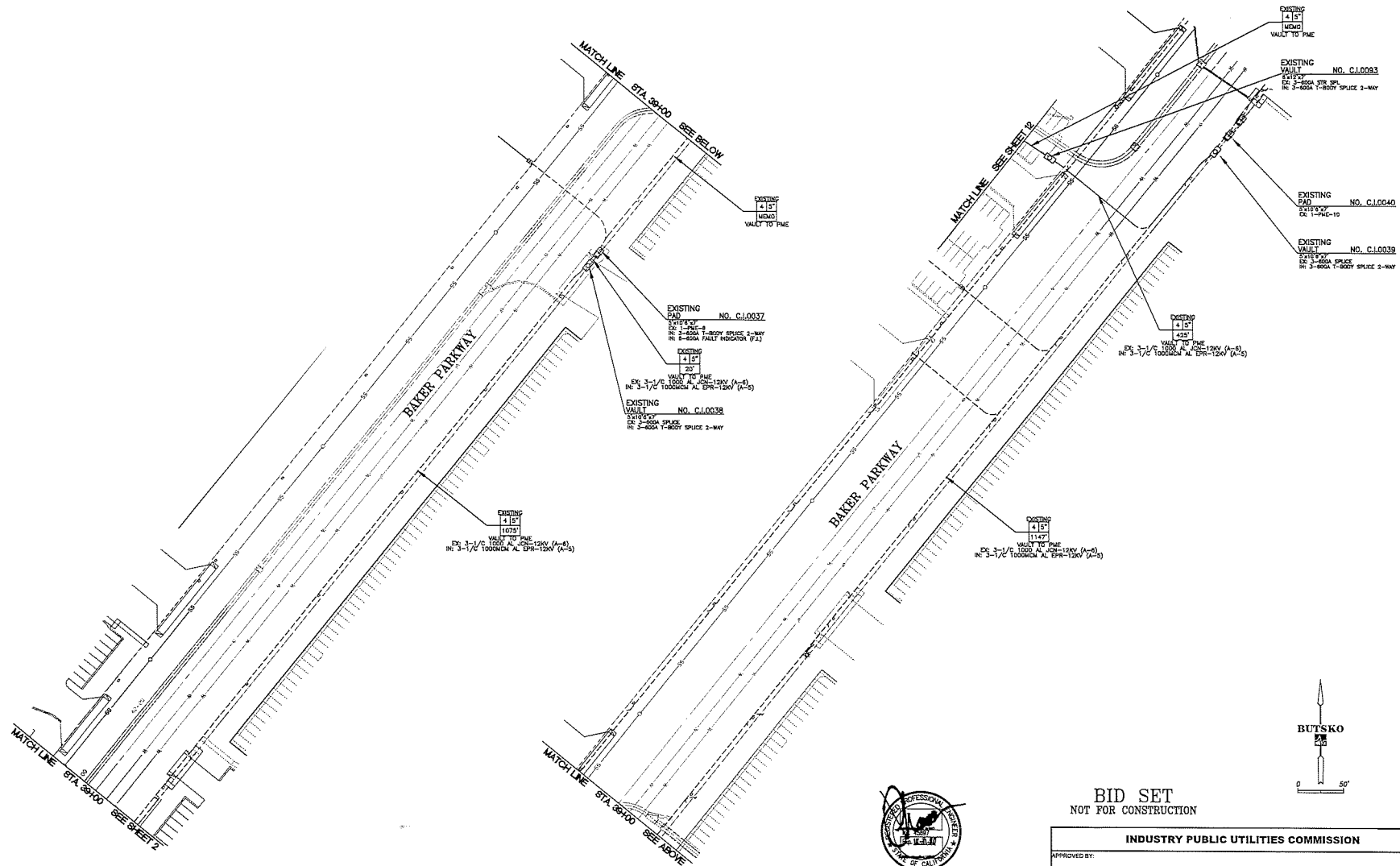
DESIGN BY: G.B. CHECKED BY: G.A.P. JOB NO.: MP 89-31#16 SHEET: 10 OF 12
 DRAWN BY: D.G. DATE: JUNE 18, 2013 CONTRACT NO.: ICC-0386



Prepared by: **BUTSKO**
 UTILITY DESIGN, INC.
 AN NYS COMPANY
 3405 JEFFERSON AVENUE SUITE 24
 MURKETT, CA 92562
 TEL: 951-654-9550 FAX: 951-654-9930
 WWW.BUTSKOUTILITY.COM

NO.	DATE	REVISIONS	OK. BY

MATCHLINE STA. 08+00.00 SEE SHEET 9

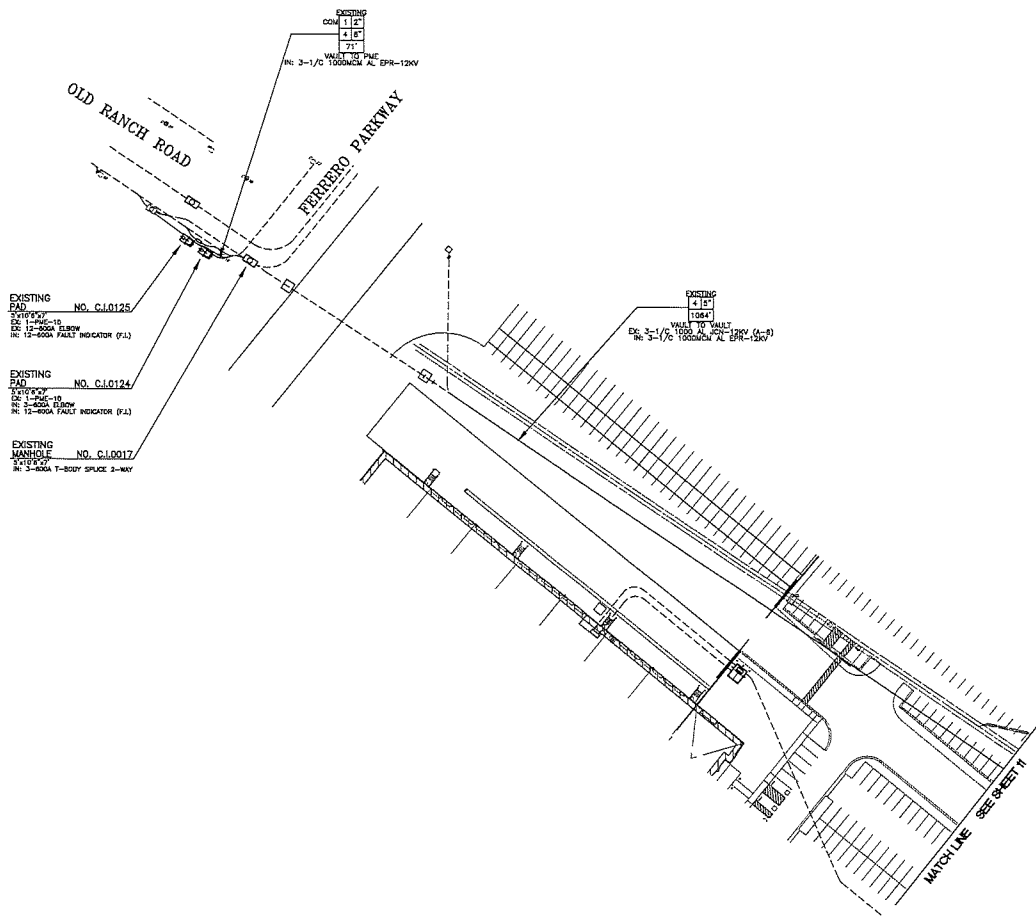


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INDUSTRY PUBLIC UTILITIES COMMISSION	
APPROVED BY:	DATE:
JOSHUA NELSON, PE (PUC ENGINEER)	
INDUSTRY BUSINESS CENTER WEST SIDE	
ELECTRIC CABLE PLAN	
DESIGN BY: S.B.	CHECKED BY: S.A.P.
DRAWN BY: D.G.	DATE: JUNE 19, 2019
JOB NO.: MP 99-31#16 CONTRACT NO.: IBC-0386	
SHEET: 11 OF 12	

NO.	DATE	REVISIONS	OK BY

Prepared by:
BUTSKO
UTILITY DESIGN, INC.
AN INFO COMPANY
2545 JEFFERSON AVENUE SUITE 27
MENLO PARK, CA 94025
TEL: 650-321-9900 FAX: 650-321-8346-9930
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APPROVED BY:	DATE
JOB: JLA NELSON, PE EPC ENGINEER	
INDUSTRY BUSINESS CENTER WEST SIDE	
ELECTRIC CABLE PLAN	
DESIGN BY: J.L.N.	DRAWN BY: J.L.N.
CHECKED BY: J.L.N.	DATE: JUNE 18, 2016
JOB NO.: MP 99-31#16	CONTRACT NO.: IBC-0356
SHEET: 12 OF 12	

NO.	DATE	REVISIONS	OK BY

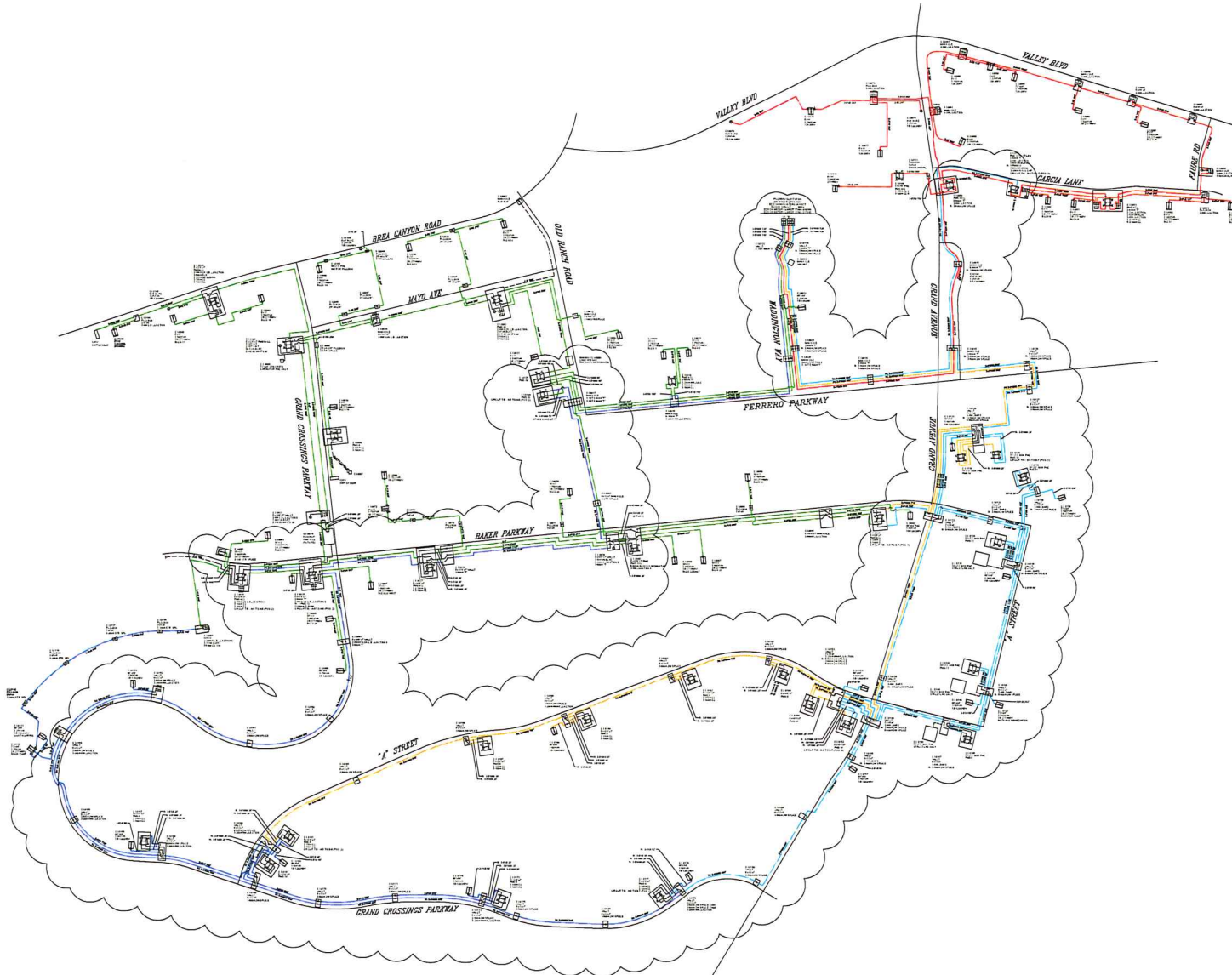
Prepared by:
BUTSKO
UTILITY DESIGN, INC.
AN IPE COMPANY
26251 JEFFERSON AVENUE SUITE 7
MIRAMONTE, CA 91362
TEL: 661-251-9500 FAX: 661-251-6430
WWW.BUTSKO.COM
and other related electrical information, visit

INDUSTRY PUBLIC UTILITIES COMMISSION CIRCUIT MAP

UPDATED: 10/03/19

PROPOSED CONFIGURATION

NEW CABLE AND EQUIPMENT TO BE INSTALLED WITHIN CLOUDED AREA
SEE INDUSTRY BUSINESS CENTER EAST & WEST CABLE PLANS FOR DETAILS



LEGEND:

- Blue line: 120V/240V/480V
- Red line: 120V/240V/480V
- Green line: 120V/240V/480V
- Yellow line: 120V/240V/480V
- Black line: 120V/240V/480V

Transformer
 Switchgear
 Panel
 Meter
 Junction Box
 Conduit
 Cable Tray
 Cable
 Equipment



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INDUSTRY PUBLIC UTILITIES COMMISSION

APPROVED BY:	DATE:	DESIGNED BY:	PROJECT NO.:

**INDUSTRY BUSINESS CENTER
ELECTRICAL DISTRIBUTION SYSTEM**

OVERALL CIRCUIT MAP

DESIGN BY: GIL	DRAWN BY: GIL	DATE: OCTOBER 03, 2019	JOB NO.: IBC-	CONTRACT NO.:	OF	SHEET: 1 OF 1
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WARNING
PRIOR TO UTILIZING THIS CIRCUIT MAP FOR UTILITY OPERATIONS
CONTACT BUTSKO UTILITY DESIGN INC.
TO VERIFY AND OBTAIN LATEST UPDATE TO THIS MAP AND
CHANGES TO FIELD CONDITIONS

UNDERGROUND SERVICE ALERT
1-800-227-2600
Call USA
For Underground Location
3 Working Days Before The Dig

Prepared by:

BUTSKO
UTILITY DESIGN, INC.
3000 W. 10TH AVENUE SUITE 200
DENVER, CO 80202
TEL: 303-733-8800 FAX: 303-733-8801
WWW.BUTSKO.COM

INDUSTRY PUBLIC UTILITIES COMMISSION

ITEM NO. 6.2



INDUSTRY PUBLIC UTILITIES COMMISSION

MEMORANDUM

TO: Honorable President Moss and Commissioners

STAFF: Troy Helling, Public Utilities Director *TH*

FROM: Joshua Nelson, Director of Public Works/IPUC Engineer *JN*
Dev Birla, Operations Manager, CNC Engineering *DOB*

DATE: November 14, 2019

SUBJECT: Consideration of Resolution No. IPUC 2019-04 authorizing the Public Utilities Director, or designee, to approve and execute short-term contracts for power purchases through June 30, 2022 for an amount not-to-exceed \$7,000,000.00

Background:

The IPUC's four-year power supply agreement with Shell Energy terminates on December 31, 2019. The IPUC Staff are currently negotiating a long-term power purchase agreement with a renewable power resource. But that long-term power resource will not be available until June 30, 2022. The plan is to bridge the gap for the period January 1, 2020 through June 30, 2022 and procure an interim power supply agreement. The Board approved membership in the WSPP and the WSPP Agreement, on March 28, 2019. The WSPP Agreement contains the terms and conditions that will govern all purchase and sale transactions between its members. The details of the transaction (price, quantity, term, etc.) are stated on a transaction confirmation form. The WSPP Agreement enables the IPUC to receive offer prices and complete transactions from any number of potential suppliers.

Power purchases include, but are not limited to, the purchase of wholesale electricity to meet customer load requirements, scheduling coordinator services, California Independent System Operator charges and fees and resource adequacy requirements, and Renewable Energy Credits (RECs) to meet the Renewable Portfolio Standards compliance obligations. To procure the lowest possible wholesale energy prices based on real-time solicited bids, suppliers require the purchaser to accept their offer promptly, which could range from within 15 minutes to an hour, therefore there are instances where there is insufficient time IPUC Board approval of certain transactions.

Discussion:

Due to the volatility of wholesale power prices and IPUC's demonstrated responsible action to manage its power purchases and forecast customer rates, IPUC staff is seeking the flexibility to hedge potential price increases by procuring long-term fixed price power contracts based on projected customer power requirements and revenues. To maximize flexibility and procure electricity at the lowest possible price, Resolution No. IPUC 2019-04, authorizes the Public Utilities Director, or his/her designee (hereinafter collectively referred to as "Public Utilities Director"), to only execute contracts for power purchases provided that:

- (1) The total commitment for power purchases does not exceed seven million dollars (\$7,000,000.00), and the purchase is within the approved budget for that fiscal year
- (2) The term of the contract does not exceed three years
- (3) No power purchase in excess of what is required to meet the IPUC's forecasted customer load requirements
- (4) The contract complies with the applicable provisions of the City of Industry Municipal Code
- (5) The contract is in a form of industry-standard contracts/confirmations previously approved by the IPUC or has been reviewed and approved by the legal counsel as conforming to the IPUC standards or having terms similar to the IPUC's existing approved master or other agreements for power purchases

The following example demonstrates how the authorization would operate: As of August 31, 2019, the IPUC total outstanding future Power Purchase commitments total \$1,140,424.00 (\$437,674.00 for 2019 and \$702,750.00 for 2020). The amount remaining under the proposed authorization would therefore be \$5,859,576.00 (\$7,000,000.00 - \$1,140,424.00) as of August 31, 2019. The \$5,859,576.00 would represent two years of the 2019-2020 adopted budget for electric purchase power. If the IPUC does not enter into any additional power purchase commitments in 2019 and has paid for its 2019 commitments by the end of 2019, the amount remaining under the proposed authorization would be \$6,297,250.00 (\$7,000,000.00 - \$702,750.00).

The IPUC operational results are currently reviewed by the IPUC's energy consultant, ASTRUM Utility Services, and reported to IPUC staff on a monthly basis, along with periodic reports on power supply status and the power purchase recommendations. The power purchase recommendations and reports would also include the transactions executed under this resolution. Additionally, contracts and/or confirmations executed by

the Public Utilities Director for power purchases are reported to the IPUC Board, as required.

Fiscal Impact:

The projected fiscal impact for FY 19-20 is \$2,900,000.00, which is consistent with the adopted budget for FY 19-20 under Electric Power Purchase (161-300-6414). No additional appropriation is anticipated.

Recommendation:

It is recommended that the IPUC Board adopt Resolution No. IPUC 2019-04 authorizing the Public Utilities Director, or designee, to approve and execute contracts for power purchases under the conditions and limitations specified herein through June 30, 2022 for an amount not-to-exceed \$7,000,000.00.

Exhibit:

A. Resolution No. IPUC 2019-04

TH/JN/DB:jf

EXHIBIT A

Resolution No. IPUC 2019-04

[Attached]

RESOLUTION NO. IPUC 2019-04

A RESOLUTION OF THE INDUSTRY PUBLIC UTILITIES COMMISSION AUTHORIZING THE PUBLIC UTILITIES DIRECTOR OR DESIGNEE TO APPROVE AND EXECUTE SHORT-TERM CONTRACTS FOR POWER PURCHASES THROUGH JUNE 30, 2022 FOR AN AMOUNT NOT-TO- EXCEED \$7,000,000.00

WHEREAS, with the fluctuation in wholesale electricity prices, and to establish customer rates, it is prudent for the Industry Public Utilities Commission (the "IPUC") to purchase electricity in the forward market to hedge potential price changes; and

WHEREAS, the IPUC's current wholesale power supply contract will terminate on December 31, 2019, and IPUC Staff are currently negotiating a long-term power purchase agreement with a renewable power resource. However, that long-term power resource will not be available until June 30, 2022; and

WHEREAS, to capture the lowest possible wholesale energy prices based on real-time solicited bids, suppliers require the purchaser to accept their offer promptly which could range from within 15 minutes to an hour for a particular transaction; and

WHEREAS, in order to maximize flexibility and procure wholesale energy at the lowest possible price, the IPUC Board desires to grant the Public Utilities Director or his/her designee flexibility to hedge wholesale energy pricing by securing contracts for power purchases under the provisions set forth in this Resolution, including a requirement that the total commitment for all power purchases does not exceed seven million dollars (\$7,000,000.00), to be calculated based upon outstanding commitments for future power purchases; without the need for prior IPUC Board approval of each transaction.

**NOW, THEREFORE, THE INDUSTRY PUBLIC UTILITIES COMMISSION
DOES HEREBY RESOLVE, DETERMINE AND ORDER AS FOLLOWS:**

Section 1. That the recitals set forth above are true and correct, and are hereby incorporated in their entirety by this reference.

Section 2. That the Public Utilities Director or his/her duly authorized designee are hereby authorized to approve and execute, for and on behalf of the IPUC, contracts for power purchases, provided that: (1) the total commitment for power purchases does not exceed seven million dollars (\$7,000,000.00), and the purchase is within the approved budget for that fiscal year (2) the term of the contract does not exceed three (3) years; (3) No power purchase in excess of what is required to meet the IPUC's forecasted customer load requirements; and (4) the contract complies with the applicable provisions of the City of Industry Municipal Code.

Section 3. Contracts and confirmations for power purchases shall be in the form of industry-standard contracts/confirmations which have either: (1) been previously

authorized and approved by the IPUC in the form of existing enabling (master) agreements for power purchases; or (2) been reviewed and approved by the Commission's General Counsel, as conforming to the industry (and IPUC) standards or having terms similar to the IPUC's currently-existing approved master or other agreements for power purchases prior to execution by the Public Utilities Director or his/her designee.

Section 4. Except as expressly set forth in this Resolution, all contracts for power purchases shall comply with the applicable provisions of the City of Industry Municipal Code.

Section 5. The provisions of this Resolution are severable and if any provision, clause, sentence, word or part thereof is held illegal, invalid, unconstitutional, or inapplicable to any person or circumstances, such illegality, invalidity, unconstitutionality, or inapplicability shall not affect or impair any of the remaining provisions, clauses, sentences, sections, words or parts thereof of the Resolution or their applicability to other persons or circumstances.

The Commission Secretary shall certify to the adoption of this Resolution, and that the same shall be in full force and effect.

PASSED, APPROVED AND ADOPTED by the Industry Public Utilities Commission at a regular meeting held on November 14, 2019, by the following vote:

AYES: COMMISSIONER:
NOES: COMMISSIONER:
ABSENT: COMMISSIONER:
ABSTAIN: COMMISSIONER:

Cory C. Moss, President

ATTEST:

Julie Gutierrez-Robles, Commission Secretary

INDUSTRY PUBLIC UTILITIES COMMISSION

ITEM NO. 6.3

Memo



To: Industry Public Utilities Commission
Cc: La Puente Valley County Water District, Board of Directors
From: Greg B. Galindo, General Manager
Date: October 25, 2019
Re: Industry Public Utilities Water Operations Quarterly Report (July – September 2019)

In accordance with the City of Industry Waterworks System (the “CIWS”) Operation and Management Agreement between the City of Industry (the “City”) and the La Puente Valley County Water District (the “District”), the District is providing the CIWS Quarterly Report for the 1st quarter of the 2019-20 fiscal year. The report represents fiscal year-to-date information along with the current status of various items listed under the appropriate heading.

Administrative/Financial

- 2019-20 Fiscal Year Budget – A draft report of Revenue and Expenses as of September 30, 2019, is enclosed for your review as **Attachment 1**.
- Fund Disbursements – For your reference, a list of disbursements from the IPU Water Operations Fund for the past quarter (by month) has been provided as **Attachment 2**.
- Study of Water Rates and Charges – District staff continues to work with Raftelis Financial on the water rate study effort. A draft report and rate model are now anticipated to be provided by the end of October.
- San Fidel Well Field Treatment Feasibility Study – IPUC authorized Stetson Engineers to complete the feasibility study. Our District will initiate and manage this work and provide a draft of the first tech memo for the City's review.

Distribution, Supply and Production

- Summary of Activities – A summary report of CIWS field activities for the 1st quarter of fiscal year 2019-20 is provided as **Attachment 3**.
- City of Industry Well No. 5 Operations – Well No. 5 operated without issue in the 1st quarter. The current static water level, pumping water level and pumping rate for Well No. 5 is shown in the table below.

Well	Pump Setting (below surface)	Static Water Level	Pumping Water Level	Drawdown	Current GPM Pumping Rate
COI 5	189'	103'	122'	19'	1,245

- Production Summary – The production for the 1st quarter of fiscal year 2019-20, to meet the needs of the CIWS, was 397.13 AF. The 2019-20 fiscal year production report and related graph are provided as **Attachment 4**.

- 2019-20 Water Conservation – A summary of water system usage for fiscal year 2019-20 as compared to calendar year 2013 is shown below. The overall reduction in use for this time period is 11.2%.

Month	2013	2019-20	Difference Current-2013 (%)	Accumulative Difference (%)
July	141.36	131.75	-6.8%	-6.8%
August	153.97	136.71	-11.2%	-9.1%
September	151.67	128.67	-15.2%	-11.2%
Totals	447.00	397.13		
Production data shown in acre feet (AF)				

- CIWS and LPVCWD Water Exchange – In accordance with the Water Exchange and Supply Agreement between LPVCWD and the City of Industry, the District is providing the water exchange summary as of September 30, 2019, as *Attachment 5*.
- MSGB Groundwater Levels – On October 18, 2019, the Baldwin Park key well level was 211.5 feet asl. Watermaster’s latest report on hydrologic conditions is enclosed as *Attachment 6*.

Water Quality / Compliance

- Distribution System Monitoring – District Staff has collected all required water quality samples from the distribution system for the 1st quarter of fiscal year 2019-20; approximately 123 samples were collected. All results met State and Federal drinking water quality regulations.
- Source Monitoring – All water quality samples were collected from Well No. 5, as required. The table below summarizes Well No. 5’s current water quality for constituents of concern.

Month Sampled	Flow Rate	1,1 DCE	TCE	PCE	All Other	Perchlorate	1,4-Dioxane	NDMA	Nitrate
		MCL= 6 ppb	MCL= 5 ppb	MCL= 5 ppb	VOCs	MCL= 6 ppb	NL= 1 ppb	NL= 10 ppt	MCL=10 ppm
Sep-19	1,245	2.2	2.9	9.6	ND	2.9	.50	ND	6.3

- Triennial Lead & Copper Sampling – Staff coordinated and completed the triennial lead and copper sampling for the CIWS system. Results were reported to the DDW and letters with respective results were provided to all participating customers.
- Special Water Quality Sampling – Perfluoroalkyl and polyfluoroalkyl substances (PFAS) samples were recently collected at CIWS Well 5 and at the Lomitas Reservoir. In addition, a PFAS Frequently Asked Questions (FAQs) document was drafted to provide customers answers with respect to common PFAS questions. The FAQ sheet was posted to the District’s website and is enclosed as *Attachment 7*. Results from this sampling are expected in November 2019.

Capital / Special Projects

- CIWS: 365 ½ S 4th Ave. – Staff received a request for the installation of a new one 1-inch service to accommodate new construction of an ADU. Staff provided a cost estimate for the install on June 11, 2019.

- CIWS: 162 S 3rd Ave: – Request for information was received from an engineering firm for substructure maps in support of a field survey. Development of property is unknown at this time.
- CIWS: 13629 Don Julian Rd. – Staff received a revised request for the installation of two (2) 1.5-inch service, one (1) 4-inch fire service, one (1) 1-inch irrigation service to accommodate construction of two new buildings. Staff installed all four services during the week of October 7th.
- 4th Avenue and Trailside Drive – The 2017 CIWS Water Master Plan recommended improvements to waterlines in 4th Avenue and Trailside Drive. District staff is providing support to City staff and CNC during the design phase of this project.
- Starhill Lane and 3rd Avenue Waterline Improvement Project – The 2017 CIWS Water Master Plan recommended improvements to waterlines in Starhill Lane and 3rd Avenue south of Lomitas Avenue. District staff is providing support to City staff and CNC during the design phase of this project.

Personnel

- As of September 30, 2019, the District has 8 full-time field employees, 5 full-time office/administrative employees and 1 part-time office employee. A summary of the current hourly rates for each District employee has been provided as ***Attachment 8***.
- Weekly field tailgate safety meetings continue to be conducted for all field employees.

Attachments

1. Statement of Revenue and Expenses for the 1st Quarter of 2019-20.
2. Fund Disbursement List for 1st Quarter of 2019-20.
3. Summary of Field Activities for 1st Quarter of 2019-20.
4. Production Summary for 1st Quarter of 2019-20.
5. CIWS – LPVCWD Water Exchange and Delivery Summary for 1st Quarter of 2019-20.
6. Main San Gabriel Basin Hydrologic Report.
7. PFAS FAQ sheet.
8. Summary of Hourly Rates for District Staff as of September 30, 2019.

Attachment 1

INDUSTRY PUBLIC UTILITIES - WATER OPERATIONS

Statement of Revenue and Expenses Summary

For the Period Ending September 30, 2019

(Unaudited)

	SEPTEMBER 2019	FISCAL YTD 2019-2020	BUDGET FY 2019-2020	25% OF BUDGET	FY END 2018-2019
Total Operational Revenues	\$ 227,110	\$ 533,013	\$ 1,983,600	27%	\$ 1,870,756
Total Non-Operational Revenues	-	-	42,500	0%	31,502
TOTAL REVENUES	227,110	533,013	2,026,100	26%	1,902,258
Total Salaries & Benefits	54,697	164,863	687,500	24%	674,004
Total Supply & Treatment	14,215	72,199	667,200	11%	780,162
Total Other Operating Expenses	5,355	23,187	221,000	10%	179,462
Total General & Administrative	49,009	58,275	304,000	19%	265,387
Total Other & System Improvements	6,199	14,139	287,800	5%	68,587
NET OPERATING INCOME (LOSS)	129,475	332,662	2,167,500	15%	1,967,602
OPERATING INCOME	97,636	200,350	(141,400)		(65,344)
NET INCOME (LOSS)	\$ 97,636	\$ 200,350	\$ (141,400)		\$ (65,344)

INDUSTRY PUBLIC UTILITIES - WATER OPERATIONS

Statement of Revenue and Expenses

For the Period Ending September 30, 2019
(Unaudited)

	SEPTEMBER 2019	FISCAL YTD 2019-2020	BUDGET FY 2019-2020	25% OF BUDGET	FY END 2018- 2019
Operational Revenues					
1 Water Sales	\$ 156,165	\$ 349,532	\$ 1,239,000	28%	\$ 1,133,233
2 Service Charges	56,247	149,580	618,600	24%	615,778
3 Customer Charges	1,515	4,445	21,000	21%	19,095
4 Fire Service	13,183	29,457	105,000	28%	102,650
5 <i>Total Operational Revenues</i>	227,110	533,013	1,983,600	27%	1,870,756
Non-Operational Revenues					
6 Contamination Reimbursement	-	-	40,000	0%	31,502
7 Developer Fees	-	-	2,500	0%	-
8 Miscellaneous Income	-	-	-	N/A	-
9 <i>Total Non-Operational Revenues</i>	-	-	42,500	0%	31,502
10 TOTAL REVENUES	227,110	533,013	2,026,100	26%	1,902,258
Salaries & Benefits					
11 Administrative Salaries	15,590	50,543	202,400	25%	200,341
12 Field Salaries	18,427	54,997	234,800	23%	231,034
13 Employee Benefits	11,478	34,786	150,100	23%	145,869
14 Pension Plan	5,227	15,709	61,900	25%	60,337
15 Payroll Taxes	2,303	7,157	31,700	23%	29,991
16 Workman's Compensation	1,671	1,671	6,600	25%	6,431
17 <i>Total Salaries & Benefits</i>	54,697	164,863	687,500	24%	674,004
Supply & Treatment					
18 Purchased Water - Leased	-	-	235,900	0%	379,470
19 Purchased Water - Other	1,367	6,196	22,500	28%	21,271
20 Power	2,935	32,892	125,000	26%	98,112
21 Assessments	-	6,618	232,700	3%	161,648
22 Treatment	-	-	6,100	0%	7,399
23 Well & Pump Maintenance	9,913	26,493	45,000	59%	112,261
24 <i>Total Supply & Treatment</i>	14,215	72,199	667,200	11%	780,162
Other Operating Expenses					
25 General Plant	210	1,143	35,000	3%	13,288
26 Transmission & Distribution	2,027	11,259	75,000	15%	77,363
27 Vehicles & Equipment	-	-	36,000	0%	33,891
28 Field Support & Other Expenses	1,211	5,545	35,000	16%	24,898
29 Regulatory Compliance	1,907	5,240	40,000	13%	30,022
30 <i>Total Other Operating Expenses</i>	5,355	23,187	221,000	10%	179,462

INDUSTRY PUBLIC UTILITIES - WATER OPERATIONS

Statement of Revenue and Expenses

For the Period Ending September 30, 2019
(Unaudited)

	SEPTEMBER 2019	FISCAL YTD 2019-2020	BUDGET FY 2019-2020	25% OF BUDGET	FY END 2018- 2019
General & Administrative					
31 Management Fee	47,356	47,356	191,300	25%	187,569
32 Office Expenses	679	5,996	19,200	31%	34,693
33 Insurance	-	475	15,000	3%	14,991
34 Professional Services	-	218	30,000	1%	4,514
35 Customer Accounts	816	3,743	30,000	12%	17,674
36 Public Outreach & Conservation	14	41	15,000	0%	4,038
37 Other Administrative Expenses	144	445	3,500	13%	1,908
38 <i>Total General & Administrative</i>	49,009	58,275	304,000	19%	265,387
Other Expenses & System Improvements (Water Ops Fund)					
39 Fire Hydrant Repair/Replace	-	773	6,300	12%	11,629
40 Service Line Replacements	-	-	30,000	0%	44,327
41 Valve Replacements & Installations	6,199	6,199	19,500	32%	8,723
42 Meter Read Collection System	-	-	12,000	0%	-
43 SCADA System Assess & Improvement	-	-	20,000	0%	-
44 Water Rate Study	-	7,168	-	0%	3,908
45 Groundwater Treatment Facility Feas. Stu	-	-	200,000	0%	-
46 <i>Total Other & System Improvements</i>	6,199	14,139	287,800	5%	68,587
47 TOTAL EXPENSES	129,475	332,662	2,167,500	15%	1,967,602
48 NET OPERATING INCOME (LOSS)	97,636	200,350	(141,400)		(65,344)

Attachment 2

Industry Public Utilities July 2019 Disbursements

Check #	Payee	Amount	Description
3618	ACP Publication & Marketing	\$ 295.58	Consumer Confidence Reports
3619	ACWA/JPIA	\$ 475.00	Insurance Expense
3620	Answering Service Care	\$ 107.29	Answering Service
3621	CCSInteractive	\$ 13.60	Monthly Website Hosting
3622	Downs Energy Inc	\$ 544.65	Booster Maintenance
3623	G. M. Sager Construction	\$ 7,540.50	Patchwork
3624	Grainger Inc	\$ 6.77	Safety Supplies
3625	Highroad IT	\$ 268.00	Technical Support
3626	Hunter Electric	\$ 372.44	Well Maintenance
3627	Industry Hose & Fasteners	\$ 89.32	Field Supplies
3628	InfoSend	\$ 691.09	Billing Expense
3629	La Puente Valley County Water District	\$ 55,750.17	Labor Costs June 2019
3630	Merritt's Hardware	\$ 18.12	Field Supplies
3631	MJM Communications & Fire	\$ 180.00	Security Monitoring
3632	Peck Road Gravel	\$ 325.00	Asphalt & Concrete Disposal
3633	Ready Artwork	\$ 1,093.25	Consumer Confidence Reports
3634	S & J Supply Co Inc	\$ 634.30	Field Supplies
3635	Stetson Engineers Inc	\$ 1,937.25	Engineering Support
3636	Time Warner Cable	\$ 76.87	Telephone Service
3637	Underground Service Alert	\$ 79.41	Line Notifications
3638	Weck Laboratories Inc	\$ 226.50	Water Sampling
3639	Western Water Works	\$ 732.10	Field Supplies
3640	ACWA/JPIA	\$ 1,578.88	Worker's Compensation Insurance
3641	Civiltec Engineering Inc	\$ 805.00	Engineering Support
3642	Ferguson Enterprises Inc #1350	\$ 703.80	Developer Expense
3643	Jack Henry & Associates	\$ 37.00	Web E-Check Fee's
3644	La Puente Valley County Water District	\$ 686.46	Web CC & Bank Fee's Reimbursement
3645	Peck Road Gravel	\$ 255.00	Asphalt & Concrete Disposal
3646	S & J Supply Co Inc	\$ 113.91	Field Supplies
3647	SC Edison	\$ 2,157.01	Power Expense
3648	SoCal Gas	\$ 16.30	Gas Expense
3649	Time Warner Cable	\$ 281.82	Telephone Service
3650	Weck Laboratories Inc	\$ 122.50	Water Sampling
3651	Airgas USA LLC	\$ 131.99	Safety Supplies
3652	Cell Business Equipment	\$ 31.22	Office Expense
3653	Colby Pest Control Service	\$ 125.00	Bee Removal
3654	Ferguson Enterprises Inc #1350	\$ 42.61	Field Supplies
3655	Highroad IT	\$ 432.40	Computer & Software Expense
3656	Industry Public Utility Commission	\$ 389.59	Industry Hills Power Expense
3657	La Puente Valley County Water District	\$ 18,581.21	Truck, Vehicle & Fuel Expenses
3658	Los Angeles County Fire Dept	\$ 867.00	Hazmat Program
3659	McMaster-Carr Supply Co	\$ 139.34	Field Supplies
3660	MJM Communications & Fire	\$ 25.00	Security Monitoring
3661	Peck Road Gravel	\$ 455.00	Asphalt & Concrete Disposal

Industry Public Utilities July 2019 Disbursements - continued

Check #	Payee	Amount	Description
3662	Raftelis Financial Consultants	\$ 3,907.50	Water Rate Study
3663	S & J Supply Co Inc	\$ 85.25	Field Supplies
3664	San Gabriel Valley Water Company	\$ 2,385.71	Purchased Water - Salt Lake
3665	SC Edison	\$ 6,674.51	Power Expense
3666	SoCal Gas	\$ 14.79	Gas Expense
3667	Staples	\$ 143.68	Office Supplies
3668	Stetson Engineers Inc	\$ 2,018.18	Engineering Support
3669	Trench Plate Rental Co	\$ 370.25	Equipment Rental
3670	Verizon Wireless	\$ 510.10	Cellular Service
3671	Vulcan Materials Company	\$ 1,139.61	Field Supplies - Asphalt
3672	Weck Laboratories Inc	\$ 386.00	Water Sampling
3673	Western Water Works	\$ 262.62	Field Supplies
3674	Tri County Pump Company	\$ 17,035.00	Well Maintenance
Online	Home Depot Credit Services	\$ 333.58	Field Supplies
Autodeduct	Wells Fargo Merchant Fee's	\$ 72.20	Merchant Fee's
Autodeduct	First Data Global Leasing	\$ 44.00	Credit Card Machine Lease
Autodeduct	Bluefin Payment Systems	\$ 20.00	Web CC Fee's
Autodeduct	Superior Press	\$ 64.04	Administrative Supplies
Total July 2019 Disbursements		\$ 134,902.27	

Industry Public Utilities August 2019 Disbursements

Check #	Payee	Amount	Description
3675	CCSInteractive	\$ 13.60	Monthly Website Hosting
3676	Grainger Inc	\$ 62.50	Safety Supplies
3677	Highroad IT	\$ 268.00	Technical Support
3678	Hunter Electric	\$ 11,038.68	Booster Maintenance
3679	La Puente Valley County Water District	\$ 10,706.56	Inventory Reimbursement
3680	Merritt's Hardware	\$ 375.42	Field Supplies
3681	Platinum Consulting Group	\$ 105.00	Administrative Support
3682	Time Warner Cable	\$ 76.87	Telephone Service
3683	Underground Service Alert	\$ 93.44	Line Notifications
3684	Weck Laboratories Inc	\$ 122.50	Water Sampling
3685	Western Water Works	\$ 79.42	Field Supplies
3686	Airgas USA LLC	\$ 41.07	Field Supplies
3687	Answering Service Care	\$ 171.67	Answering Service
3688	EcoTech Services Inc	\$ 390.00	UHET Program
3689	Hunter Electric	\$ 276.00	Booster Maintenance
3690	InfoSend	\$ 719.91	Billing Expense
3691	La Puente Valley County Water District	\$ 50,586.48	Labor Costs July 2019
3692	McMaster-Carr Supply Co	\$ 69.81	Field Supplies
3693	Platinum Consulting Group	\$ 218.40	Administrative Support
3694	SC Edison	\$ 3,285.50	Power Expense
3695	SoCal Gas	\$ 18.95	Gas Expense
3696	Time Warner Cable	\$ 281.82	Telephone Service
3697	Vulcan Materials Company	\$ 390.78	Field Supplies - Asphalt
3698	Weck Laboratories Inc	\$ 107.50	Water Sampling
3699	Fannie Wen	\$ 4,500.00	Developer Refund 14050 1/2 Proctor Ave
3700	ACWA/JPIA	\$ 18.00	Insurance Expense
3701	Brilliant Corners	\$ 875.00	Developer Refund 14055 Lomitas Ave
3702	Citi Cards	\$ 116.55	Field Supplies
3703	Jack Henry & Associates	\$ 29.87	Web E-Check Fee's
3704	Locus Technology	\$ 588.00	Technical Support
3705	Main SG Basin Watermaster	\$ 150,618.00	Production Assessments
3706	San Gabriel Valley Water Company	\$ 2,443.55	Purchased Water - Salt Lake
3707	SC Edison	\$ 11,226.14	Power Expense
3708	Staples	\$ 112.89	Office Supplies
3709	Sunbelt Rentals	\$ 216.31	Equipment Rental
3710	Weck Laboratories Inc	\$ 122.50	Water Sampling
3711	Cell Business Equipment	\$ 26.28	Office Expense
3712	Corrpro	\$ 2,025.00	Reservoir Maintenance
3713	Industry Public Utility Commission	\$ 1,260.75	Industry Hills Power Expense
3714	InfoSend	\$ 1,729.30	Consumer Confidence Reports
3715	Raftelis Financial Consultants	\$ 2,090.00	Water Rate Study
3716	San Gabriel Basin WQA	\$ 6,618.00	Pumping Right Assessments
3717	SoCal Gas	\$ 15.29	Gas Expense
3718	Verizon Wireless	\$ 505.14	Cellular Service
Online	Home Depot Credit Services	\$ 45.40	Field Supplies
Online	County of LA Dept of Public Works	\$ 1,650.00	Permit Fee's
Autodeduct	Wells Fargo Merchant Fee's	\$ 81.97	Merchant Fee's
Autodeduct	First Data Global Leasing	\$ 44.00	Credit Card Machine Lease - Monthly
Autodeduct	First Data Global Leasing	\$ 30.20	Credit Card Machine Lease - Annual
Total August 2019 Disbursements		\$ 266,488.02	

Industry Public Utilities September 2019 Disbursements

Check #	Payee	Amount	Description
3719	Petty Cash	\$ 13.86	Office/Field Expense
3720	La Puente Valley County Water District	\$ 159.96	Bank Fee's - July
3721	CCSInteractive	\$ 13.60	Monthly Website Hosting
3722	Collicutt Energy Services Inc	\$ 390.00	Generator Maintenance
3724	Highroad IT	\$ 3,715.50	Firewall Protection & IT Support
3725	Irri-Care Plumbing & Backflow Testing	\$ 95.00	Backflow Testing Fee's
3726	McMaster-Carr Supply Co	\$ 63.41	Field Supplies
3727	Merritt's Hardware	\$ 106.13	Field Supplies
3728	NJB Soft	\$ 670.00	Water Quality Software
3729	Underground Service Alert	\$ 32.34	Line Notifications
3730	Vulcan Materials Company	\$ 259.93	Field Supplies - Asphalt
3731	La Puente Valley County Water District	\$ 493.36	Web CC Fee's - July
3732	Answering Service Care	\$ 118.74	Answering Service
3733	Grainger Inc	\$ 47.32	Safety Supplies
3734	Hunter Electric	\$ 5,264.54	Booster Maintenance
3735	La Puente Valley County Water District	\$ 59,579.83	Labor Costs August 2019
3736	Resource Building Materials	\$ 184.83	Field Supplies - Concrete
3737	SC Edison	\$ 2,746.59	Power Expense
3738	SoCal Gas	\$ 17.82	Gas Expense
3739	Time Warner Cable	\$ 76.87	Telephone Service
3740	Time Warner Cable	\$ 281.82	Telephone Service
3741	Underground Service Alert	\$ 65.22	Line Notifications
3742	USA BlueBook	\$ 129.15	Field Supplies
3743	Weck Laboratories Inc	\$ 700.00	Water Sampling
3744	Wells Tapping Service	\$ 6,000.00	Valve Replacements
3745	Bank of America-Visa	\$ 344.00	Administrative Expense
3746	Bryan Press	\$ 143.50	Printed Supplies
3747	InfoSend	\$ 692.59	Billing Expense
3748	Jack Henry & Associates	\$ 41.62	Web E-Check Fee's
3749	La Puente Valley County Water District	\$ 141.18	Bank Fee's - August
3750	McMaster-Carr Supply Co	\$ 139.48	Safety Supplies
3751	Raftelis Financial Consultants	\$ 5,077.50	Water Rate Study
3752	Sunbelt Rentals	\$ 410.71	Equipment Rental
3753	Trench Plate Rental Co	\$ 772.75	Equipment Rental
3754	Cell Business Equipment	\$ 68.66	Office Expense
3755	Hach Company	\$ 239.05	Field Supplies
3756	Industry Public Utility Commission	\$ 1,197.01	Industry Hills Power Expense
3757	La Puente Valley County Water District	\$ 47,356.41	3rd Quarter 2019 O&M Fee's
3758	Resource Building Materials	\$ 195.21	Field Supplies
3759	San Gabriel Valley Water Company	\$ 1,366.93	Purchased Water - Salt Lake
3760	SC Edison	\$ 10,306.85	Power Expense
3761	SoCal Gas	\$ 14.79	Gas Expense
3762	Staples	\$ 93.81	Office Supplies
3763	Verizon Wireless	\$ 659.48	Cellular Service
3764	Vulcan Materials Company	\$ 1,190.75	Field Supplies - Asphalt
3765	Weck Laboratories Inc	\$ 142.50	Water Sampling

Industry Public Utilities September 2019 Disbursements - continued

Check #	Payee	Amount	Description
3766	Petty Cash	\$ 60.30	Office/Field Expense
Online	Home Depot Credit Services	\$ 342.70	Field Supplies
Online	County of LA Dept of Public Works	\$ 1,100.00	Permit Fee's
Autodeduct	Wells Fargo Merchant Fee's	\$ 116.45	Merchant Fee's
Autodeduct	First Data Global Leasing	\$ 44.00	Credit Card Machine Lease
Autodeduct	Bluefin Payment Systems	\$ 415.32	Web CC Fee's
Total September 2019 Disbursements		\$ 153,899.37	

Attachment 3

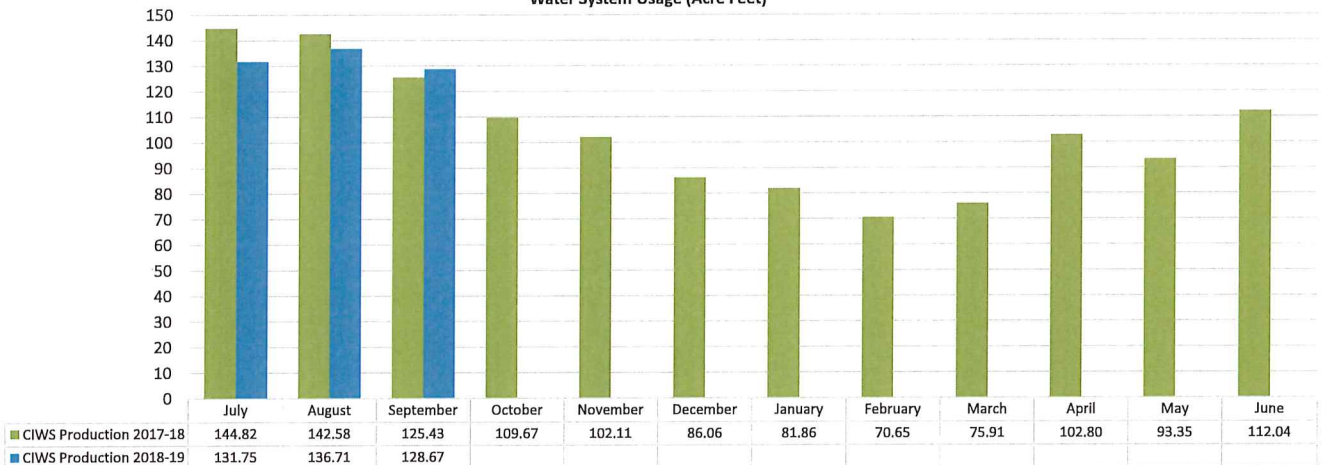
Attachment 4

Industry Public Utilities - Water Operations

PRODUCTION REPORT - FISCAL 2019-20

CIWS PRODUCTION	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	2019-20 FISCAL	2018-19 FISCAL
COI Well No. 5 To SGVCW B5	187.64	166.98	163.25										517.87	1218.74
Interconnections to CIWS														
SGVWC Salt Lake Ave	1.27	1.13	0.49										2.89	12.17
SGVWC Lomas Ave	158.31	160.26	147.58										466.15	1158.56
SGVWC Workman Mill Rd	0.00	0.00	0.01										0.01	0.38
Interconnections from LPVCWD	4.87	5.89	5.21										15.97	125.95
Subtotal	164.45	167.28	153.29										485.02	1297.06
Interconnections to LPVCWD	32.70	30.57	24.62										87.89	49.78
Production for CIWS 2019-20	131.75	136.71	128.67										397.13	1247.28

Water System Usage (Acre Feet)



Attachment 5

CIWS-LPVCWD WATER EXCHANGE SUMMARY (pursuant to July 2015 Water Exchange and Supply Agreement)

Deliveries from LPVCWD to CIWS

Report for First Quarter 19/20

QTR	Zone 488 Deliveries							Zone 775 Deliveries							Combined		
	Connection 1	Connection 2	Connection 3	Connection 3A	Zone 488 Total	Zone 488 Running Total	Zone 488 Previous Year	Connection 4	Connection 5	Connection 6	Connection 7	Connection 7A	Zone 775 Total	Zone 775 Running Total	Zone 775 Previous Year	Total	Running Total
Prior Period (18-19)					203.53	203.53	118.41						161.20	161.20	120.39	364.73	364.73
19-20 QTR 1	12.71	0.00	0.00	0.00	12.71	216.24	4.08			0.00	3.26		3.26	164.46	0.00	15.97	380.70
19-20 QTR 2	0.00	0.00	0.00	0.00	0.00	216.24	5.07			0.00	0.00		0.00	164.46	0.00	0.00	380.70
19-20 QTR 3	0.00	0.00	0.00	0.00	0.00	216.24	3.04			0.00	0.00		0.00	164.46	9.81	0.00	380.70
19-20 QTR 4	0.00	0.00	0.00	0.00	0.00	216.24	72.93			0.00	0.00		0.00	164.46	30.95	0.00	380.70
Annual Total	12.71	0.00	0.00	0.00	216.24		203.53			0.00	3.26		164.46		161.20	380.70	380.70

Deliveries from CIWS to LPVCWD

QTR	Zone 488 Deliveries							Zone 775 Deliveries							Combined		
	Connection 1	Connection 2	Connection 3	Connection 3A	Zone 488 Total	Zone 488 Running Total	Zone 488 Previous Year	Connection 4	Connection 5	Connection 6	Connection 7	Connection 7A	Zone 775 Total	Zone 775 Running Total	Zone 488 Previous Year	Total	Running Total
Prior Period (18-19)					138.11	138.11	116.20						130.67	130.67	96.88	268.78	268.78
19-20 QTR 1	80.57	0.00		0.00	80.57	218.68	6.63	0.00	0.94	6.38	0.00		7.32	137.99	16.04	87.89	356.67
19-20 QTR 2	0.00	0.00		0.00	0.00	218.68	0.00	0.00	0.00	0.00	0.00		0.00	137.99	6.63	0.00	356.67
19-20 QTR 3	0.00	0.00		0.00	0.00	218.68	0.01	0.00	0.00	0.00	0.00		0.00	137.99	5.97	0.00	356.67
19-20 QTR 4	0.00	0.00		0.00	0.00	218.68	15.27	0.00	0.00	0.00	0.00		0.00	137.99	5.15	0.00	356.67
Annual Total	80.57	0.00		0.00	218.68		138.11	0.00	0.94	6.38	0.00		137.99		130.67	356.67	356.67

Delivery Summary

Quarter	A			B			C			D			E	
	LPVCWD Total to CIWS	CIWS Total to LPVCWD	Difference	LPVCWD to CIWS In 488	CIWS to LPVCWD In 488	488 Difference	Amount unable to exchange within 12 months in 488	CIWS owes \$ to LPVCWD for 448 Deliveries	LPVCWD to CIWS In 775	CIWS to LPVCWD In 775	775 Difference	Amount unable to exchange within 12 months in 775	LPVCWD owes \$ to CIWS for 775 Deliveries	LPVCWD Owes \$ to CIWS
Prior Period (18-19)	364.73	268.78	-95.95	203.53	138.11	-65.42	0.00	0.00	161.20	130.67	-30.53	0.00	0.00	0.00
19-20 QTR 1	15.97	87.89	71.92	12.71	80.57	67.86	0.00	0.00	3.26	7.32	4.06	0.00	0.00	0.00
19-20 QTR 2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19-20 QTR 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19-20 QTR 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Running Total	380.70	356.67	-24.03	216.24	218.68	2.44			164.46	137.99	-26.47			

Balance Owed by CIWS Overall **24.03** Balance Owed to CIWS in 488 **2.44** Balance Owed to LPVCWD in 775 **26.47**

Notes:

Calculation of payment is not applicable until a full 12 months into the agreement that was entered into in July 2015.
 Column A represents water delivered in Zone 488 that was not redelivered within 12 months.
 Column B represents the undelivered amount multiplied by the agreed rate to convey water to the 448 zone as detailed in example table above.
 Column C represents water delivered in Zone 775 that was not redelivered within 12 months.
 Column D represents the undelivered amount multiplied by the agreed upon rate to convey water to the 775 zone as detailed in example table above.
 Column E represents the difference between what each party owes.

Attachment 6



Main San Gabriel Basin WATERMASTER

OCTOBER 2, 2019

REPORT OF THE WATERMASTER ENGINEER ON HYDROLOGIC CONDITIONS

Baldwin Park Key Well (see attached graph)

- Located in the central portion of the San Gabriel Valley within the City of Baldwin Park and used as a general indication of water elevations throughout the San Gabriel Valley
- One vertical foot is equivalent to about 8,000 acre-feet of groundwater in the Main Basin
- On August 23, 2019, the Baldwin Park Key Well groundwater elevation was 205.8 feet.
- On September 20, 2019, the Baldwin Park Key Well groundwater elevation was 210.2 feet, an increase of 0.5 feet from the prior week. **The historic low was 169.4 feet on November 21, 2018.**
 - ❖ An increase of about 4 feet from the prior month.
 - ❖ About 38 feet higher than one year ago (represents 304,000 acre-feet). Includes an estimated 204,700 acre-feet of untreated imported water in cyclic storage accounts, which represents about 26 feet of groundwater elevation at the Key Well.
 - Producer Cyclic Storage – 46,500 AF
 - MWD Cyclic Storage (for UD RDA delivery) – 91,200 AF
 - Other Cyclic Storage – 67,000 AF

Rainfall (see attached graphs)

- Data are readily available on a daily basis and are indicative of comparative amount of rainfall in the San Gabriel Valley (percent of average)
- Puddingstone Dam as of September 25, 2019
 - ❖ Average rainfall from July 1st through September 30th of each year is 0.40 inches
 - ❖ Rainfall during July 1, 2019 through September 25, 2019 is 0.00 inches
 - ❖ Rainfall during July 1, 2018 through September 30, 2018 was 0.00 inches
 - ❖ Rainfall during July 1, 2018 through June 30, 2019 was 23.60 inches, which was 130 percent of average
- Los Angeles Civic Center as of September 25, 2019
 - ❖ Average rainfall from July 1st through September 30th of each year is 0.21 inches
 - ❖ Rainfall during July 1, 2019 through September 25, 2019 is 0.00 inches
 - ❖ Rainfall during July 1, 2018 through September 30, 2018 was 0.00 inches
 - ❖ Rainfall during July 1, 2018 through June 30, 2019 was 18.82 inches, which was 124 percent of average

 *Reservoir Storage and Releases*

- There are three dams and reservoirs located along the San Gabriel River above San Gabriel Canyon. Their primary function is for flood control and also used to store watershed runoff for subsequent groundwater replenishment.
 - ❖ Cogswell Reservoir is located highest in the watershed and has a maximum storage capacity of 10,438 acre-feet
 - ❖ San Gabriel Reservoir is located downstream of and receives releases from Cogswell Reservoir, and has a maximum storage capacity of 44,106 acre-feet
 - ❖ Morris Reservoir is located downstream of and receives releases from San Gabriel Reservoir, and has a maximum storage capacity of 29,944 acre-feet. Releases from Morris Reservoir and San Gabriel Reservoir are used at local surface water treatment plants and used for groundwater replenishment
 - ❖ Total storage capacity is 83,255 acre-feet
 - ❖ The combined minimum pool behind Cogswell, San Gabriel and Morris Reservoirs is about 10,500 acre-feet.
 - ❖ Combined storage as of September 24, 2019 was 22,437 acre-feet (about 27 percent of capacity). **Excluding minimum pool storage, about 11,900 acre-feet is available for direct use or groundwater replenishment.**
 - ❖ About 34,000 acre-feet was released from Morris between May 28, 2019 and June 30, 2019 with about 50 percent allocated to Main Basin.
 - ❖ About 40,000 acre-feet was released from Morris between July 12, 2019 and September 4, 2019 and conserved entirely in the Main Basin.
 - ❖ San Gabriel Reservoir inflow was 37 cfs and release was 0 cfs as of September 24, 2019.

 - ❖ Morris Reservoir inflow was 1 cfs and release was 0 cfs as of September 24, 2019.

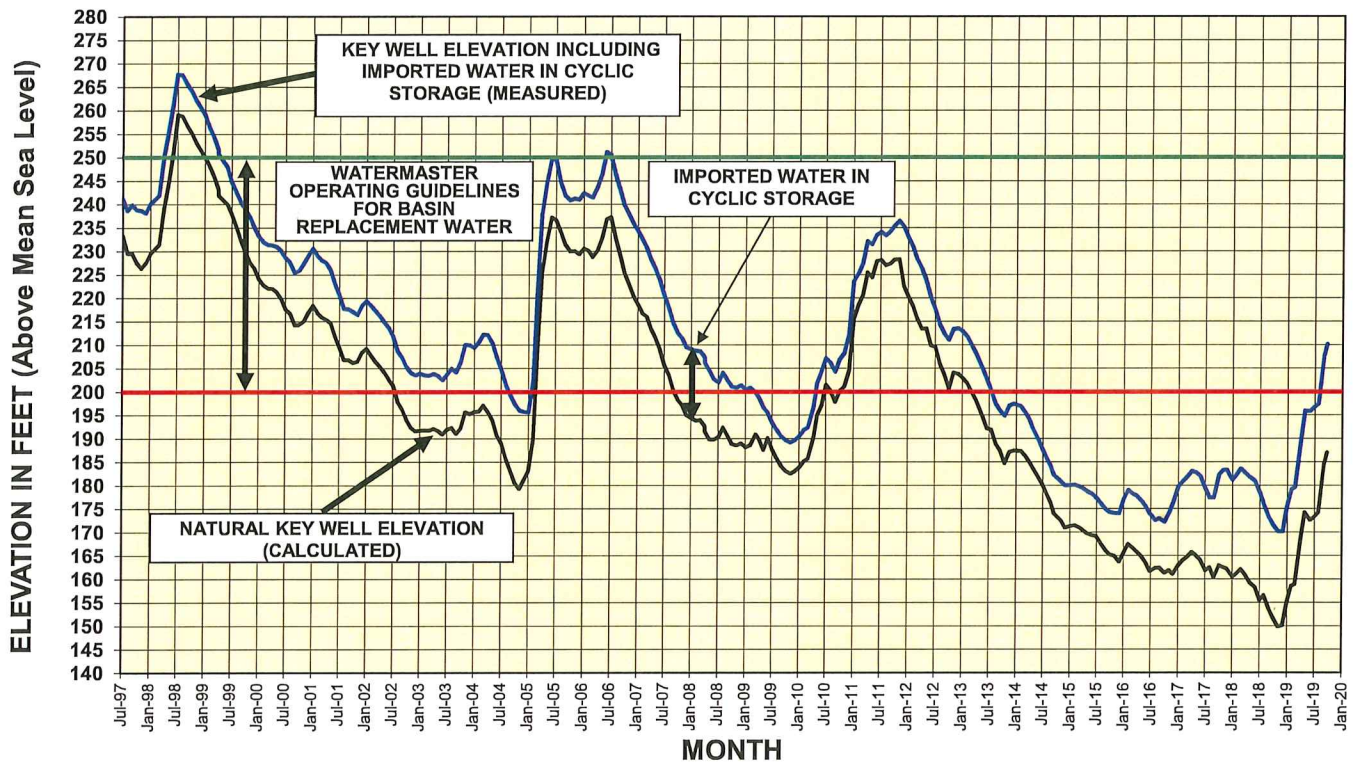
 *Untreated Imported Water Deliveries*

- Upper District
 - ❖ USG-3 is located in San Gabriel Canyon just below Morris Dam, it represents Upper District's primary point of delivery of untreated imported water for groundwater replenishment to the San Gabriel Valley. The typical delivery rate is about 190 cfs (or about 375 acre-feet per day)
 - ❖ Upper District/MWD is expected to deliver untreated imported water through USG-3 through the end of December 2019 into cyclic storage account.

- About 10,000 acre-feet was delivered in May 2019, about 10,871 acre-feet was delivered in July 2019 and about 17,518 acre-feet was delivered in August 2019.
 - An estimated 60,000 acre-feet will be delivered between September 1, 2019 and December 31, 2019.
- Three Valleys District
- ❖ Three Valleys District/MWD requested about 8,800 acre-feet to be delivered through USG-3 and PM-26 into cyclic storage account. Of the 8,800 acre-feet, about 1,665 acre-feet was delivered in May 2019, about 5,335 acre-feet was delivered in July 2019, and the remaining 1,800 acre-feet will begin after Upper District's request has been fulfilled.
- San Gabriel District
- ❖ During September 2019, San Gabriel District delivered about 800 acre-feet to the San Gabriel Canyon and about 500 acre-feet to San Dimas.

➤ **Landfill Report**

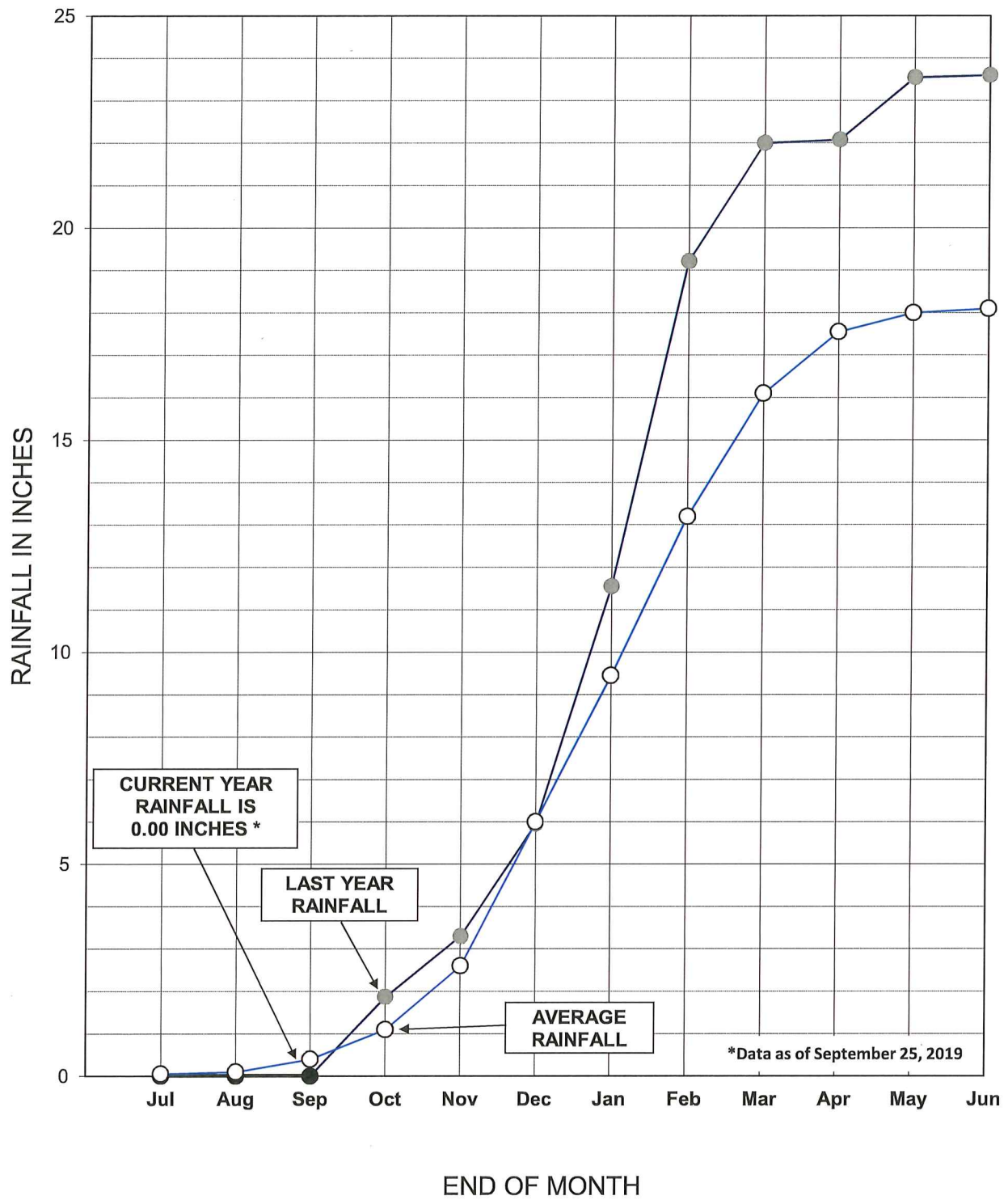
- Watermaster staff toured the following landfills during the month of September 2019:
- ❖ Azusa Land Reclamation
 - ❖ Peck Road
 - ❖ Arcadia Reclamation Inc. (formerly Nu Way – Arrow)
 - ❖ Manning Pit
- During the tour, Watermaster staff found that each landfill appeared to operate consistent with the conditions under each landfill's permit.



MAIN SAN GABRIEL BASIN WATERMASTER

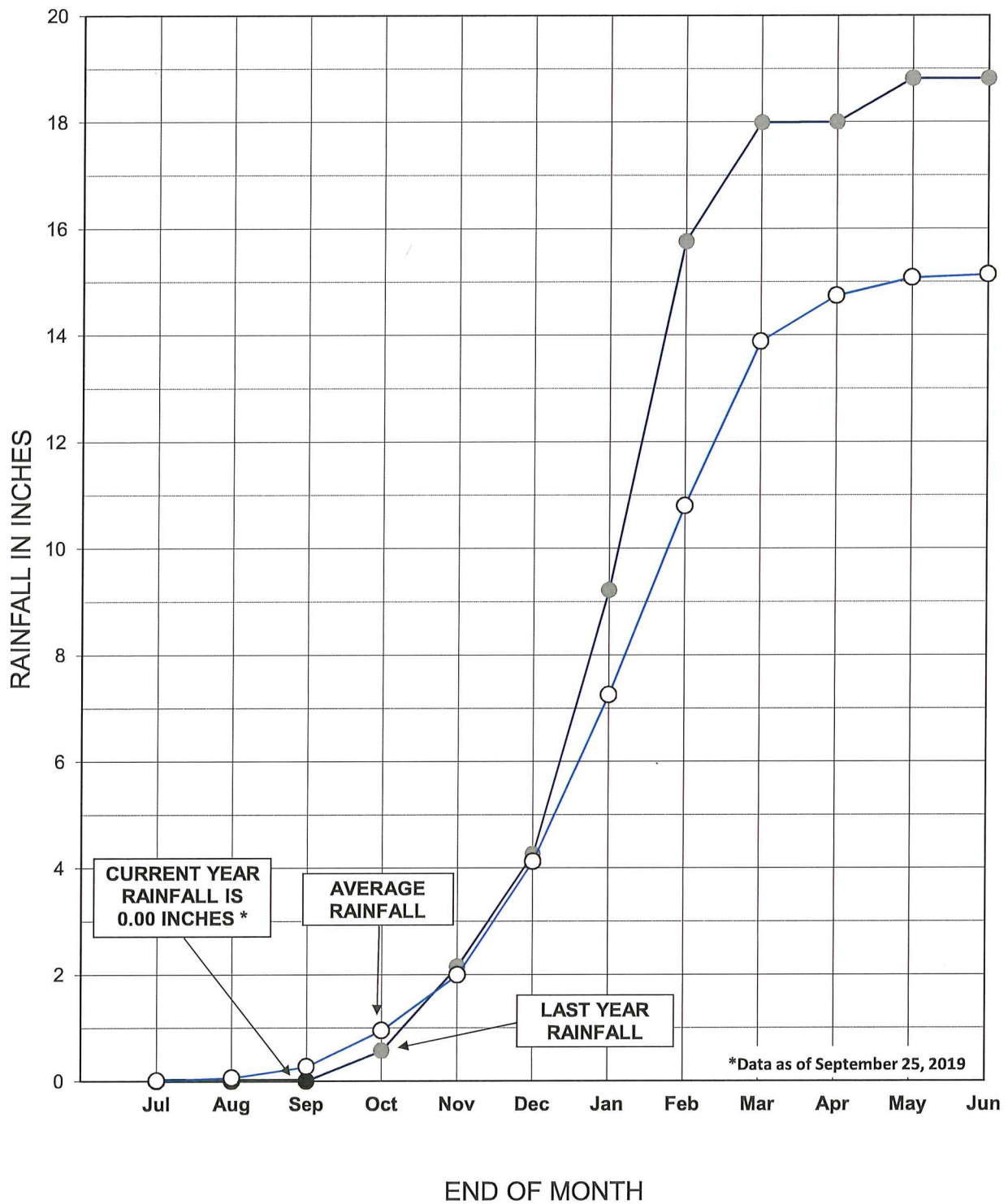


**BALDWIN PARK KEY WELL
GROUNDWATER ELEVATION**



STETSON ENGINEERS INC.
 Covina San Rafael Mesa, Arizona
 WATER RESOURCE ENGINEERS

MAIN SAN GABRIEL BASIN WATERMASTER
ACCUMULATED RAINFALL
AT PUDDINGSTONE DAM (STATION NO. 96-C)



STETSON ENGINEERS INC.
 Covina San Rafael Mesa, Arizona
 WATER RESOURCE ENGINEERS

MAIN SAN GABRIEL BASIN WATERMASTER

**ACCUMULATED RAINFALL
 AT LOS ANGELES CIVIC CENTER**

Attachment 7



PFAS FAQs

Where Are PFAS Found?

PFAS are man-made contaminants that are found in thousands of products that are used daily, including our shampoo, clothing, cleaning products, food wrappers, non-stick cookware, firefighting foam and carpet. While consumer products are a large source of exposure to these chemicals for most people, drinking water has become an increasing concern due to the persistence and tendency of these chemicals to accumulate in groundwater.

Most people worldwide have measurable amounts of PFAS in their blood and are typically exposed to PFAS through eating food grown in contaminated water/soil or consuming food from packaging that contains PFAS; breathing air with dust particles from contaminated soil, upholstery, clothing; inhaling fabric sprays containing PFAS; or drinking contaminated water. PFAS are called “forever chemicals” because they are made to repel water and are challenging to remove.



How Does PFAS Get Into Our Water?

Water districts do not put these chemicals into the water, but over time trace amounts may enter waterways through manufacturing, landfills and wastewater discharge.

How is PFAS in Water Treated?

If detected, there are several ways PFAS can be treated and removed from water:

- **Treatments:** Granular activated carbon, ion exchange resin or reverse osmosis/nanofiltration
- **Removal:** Remove affected supply from service
- **Blending:** Blend affected water with other unaffected supplies

PFAS TIMELINE

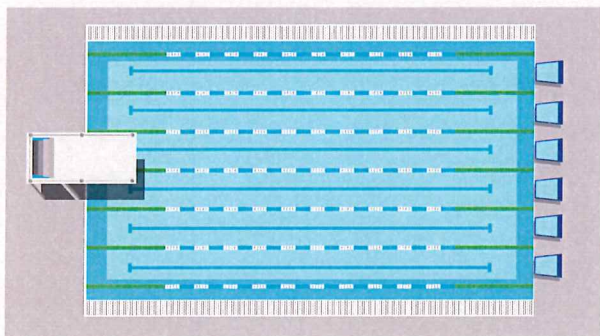
1940s	PFAS were developed.
1950s–60s	Products with PFAS gain popularity; more than 4,500 different kinds of PFAS.
2000s	US EPA voluntarily phases out PFAS and PFOA; however, these chemicals are still used in products manufactured in other countries.
2016	EPA publishes new Lifetime Health Advisory recommending PFOA and PFOS in drinking water, either individually or combined, should not be greater than 70 ppt.
2017	EPA conducted PFAS sampling of several water sources in the San Gabriel Valley area, including the Industry Public Utilities' (IPU) sources; No PFAS chemicals detected in IPU's sources.
2018	Following EPA advisory, CA DDW establishes interim levels and phased approach to investigating.
2019	CA DDW issues testing orders to 200 water systems and 612 well monitoring orders for areas, such as airports with fire training and response areas, and municipal solid waste landfills, that were identified as the most susceptible to this type of contamination. IPU's water supply sources were not identified as susceptible to PFAS contamination; no testing is required.
2019	CA DDW lowers notification levels by more than half to 6.5 ppt for PFOS and 5.1 ppt for PFOA. IPU will voluntarily and proactively sample water in the coming month.

How Do We Monitor Our Water for PFAS?

In California, the State Division of Drinking Water (DDW) has a “notification level” and a “response level” for water agencies. IPU follows these guidelines for notifying our customers and other stakeholders. PFAS regulations in CA are the most rigorous in the US; each state is in charge of setting its own levels.

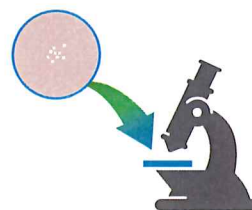
Notification Level (NL): Requires a water agency to notify government officials when PFAS in the water exceeds the set NL. In California, the NL for PFOA is 5.1 ppt; the NL for PFOS is 6.5 ppt.

Response Level (RL): Requires agencies to take action for readings above 70 ppt for PFOS and PFOA individually or combined. The DDW recommends that the water agency remove the source from service or provide treatment if it exceeds that amount.



A PART PER TRILLION

= a microscopic measurement for something in the water and is equal to a few grains of sugar in an Olympic-size swimming pool

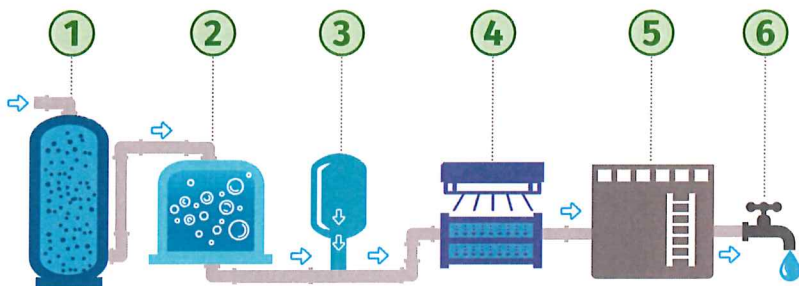


How are IPU's Customers Notified When PFAS is Found in the Water?

If PFAS was found in our water and registers above the state's notification levels when we sample it, we transparently communicate this information with our customers through IPU's annual Consumer Confidence (Water Quality) Report as well as our Agency's website and newsletter and/or bill stuffers.

In addition, this information is provided to the state's Division of Drinking Water, City of Industry City Council, La Puente Valley County Water District's governing board, and the Los Angeles County Board of Supervisors within 30 days of official results from the certified testing laboratory.

HOW WE TREAT YOUR WATER



1. Granular activated carbon filled vessels remove VOCs to below detection levels.
2. A single pass ion exchange system uses resin specifically manufactured to remove perchlorate.
3. A hydrogen peroxide injection system injects hydrogen peroxide in preparation for the UV reactors.
4. UV reactors treat for NDMA and 1, 4-Dioxane.
5. Water exiting the facility is chlorinated to provide a disinfectant residual in the water system.
6. Treated water then enters the water system and is delivered to your home.

MORE INFORMATION



IPU's Water Operations General Manager Greg Galindo at (626) 336-1307.

LaPuenteWater.com



epa.gov/pfas

waterboards.ca.gov/drinking_water/certlic/drinkingwater/PFOA_PFOA

fda.gov/food/chemicals/and-polyfluoroalkyl-substances-pfas



Attachment 8

LPVCWD
Salary & Benefits Billing Summary
as of September 30, 2019

Employee	No.	Hourly Rate (incl. payroll taxes)	OT Hourly (incl. payroll taxes)	Benefits per Hour (w/out PERS)	CalPERS per Hour	Wages, Benefits, & CalPERS Hourly
General Manager	24	\$ 88.29	N/A	\$ 17.20	\$ 15.66	\$ 121.16
Office Manager	9	\$ 51.78	N/A	\$ 24.17	\$ 9.43	\$ 85.38
Engineering & Compliance Manager	40	\$ 56.27	N/A	\$ 23.66	\$ 3.65	\$ 83.58
Customer Service & Accounting Clerk II	11	\$ 30.61	\$ 45.91	\$ 12.15	\$ 5.57	\$ 48.33
Customer Service & Accounting Clerk II	33	\$ 27.73	\$ 41.60	\$ 20.43	\$ 1.80	\$ 49.95
Customer Service & Accounting Clerk I (PT)	44	\$ 19.29	\$ 28.94	\$ 0.29	\$ 0.29	\$ 19.87
Water Treatment & Supply Supervisor	12	\$ 51.13	\$ 76.69	\$ 22.52	\$ 9.31	\$ 82.95
Distribution Supervisor	7	\$ 46.28	\$ 69.42	\$ 18.50	\$ 8.43	\$ 73.21
Lead Water System Operator	15	\$ 41.86	\$ 62.79	\$ 21.45	\$ 7.62	\$ 70.93
Water System Operator II	23	\$ 40.25	\$ 60.37	\$ 21.31	\$ 7.33	\$ 68.88
Water System Operator II	38	\$ 37.25	\$ 55.88	\$ 19.49	\$ 2.42	\$ 59.16
Water System Operator I	22	\$ 31.15	\$ 46.72	\$ 20.23	\$ 5.67	\$ 57.05
Water System Operator I	31	\$ 31.08	\$ 46.62	\$ 19.68	\$ 5.66	\$ 56.42
Water System Maintenance Worker	18	\$ 30.57	\$ 45.86	\$ 15.77	\$ 5.57	\$ 51.91