



**REGULAR BOARD MEETING AGENDA**  
**BOARD OF DIRECTORS MEETING**  
**ALTERNATE MEETING ROOM**  
**3582 SOUTH WINERY AVENUE**  
**FRESNO, CALIFORNIA 93725**  
**Monday, July 24, 2023 at 6:00PM**

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in a District Board Meeting, please contact the District Office at 559-485-7353 at least 48 hours prior to the meeting, to ensure that reasonable arrangements can be made to provide accessibility to the meeting.

*Please submit all written correspondence for the Board of Directors by 12:00 pm the Friday prior to the meeting. Please deliver or mail to the District Clerk.*

**1. Call to Order:**

**2. Roll Call:** President Charles Garabedian, Jr.; Vice President Salvador Cerrillo; Director Irma Castaneda; Director Frank Cerrillo, Jr.; Director Carlos Tovar, Jr.

**3. Certification:** Certification was made that the Board Meeting Agenda was posted 72 hours in advance of the meeting.

**4. Consent Agenda.** The items listed below in the Consent Agenda are routine in nature and are usually approved by a single vote. Prior to any action by the Board of Directors, any Board member may remove an item from the consent agenda for further discussion. Items removed from the Consent Agenda may be heard immediately following approval of the Consent Agenda or set aside for discussion and action after Regular Business.

- a. Minutes of the Regular Board Meeting of July 13, 2023.
- b. Minutes of the Special Board Meeting Workshop of July 20, 2023.

Recommended action: To approve the Consent Agenda as presented or amended.

**Motion by:** \_\_\_\_\_; **Second by:** \_\_\_\_\_

**5. Old Business: None for this meeting.**

**6. New Business:**

- a. **Parking Lot Project.** The project has been completed. Asphalt Technology, Inc. has submitted an invoice of \$203,857.00 for the job completed.

Recommended action: to approve payment to Asphalt Technology.

**Motion by:** \_\_\_\_\_; **Second by:** \_\_\_\_\_

- b. **Audit.** The District's CPA, Jaribu Nelson, to present the latest audit to the board of directors.

Recommended action: For discussion and potential action.

- c. **IWS Billing.** Three billing options have been submitted to the district along with a residential term billing cycle.

Recommended action: for discussion and potential action.

**7. Incorporation Reports:**

**8. Recreation Reports:**

**9. Engineer Reports:**

**a. District Engineer Report.**

- i. The District Engineer has provided a memo of updates of open items.
- ii. 3062 South Peach Ave; Malaga Well 5A.

**b. CDBG Engineer Report: None for this meeting.**

**10. General Manager's Report:**

- a. Solar Project.
- b. Locations of Proposed Developments.

**11. President's Report:**

**12. Vice President's Report:**

**13. Director's Reports:**

**14. Legal Counsel Report:**

**15. Communications:**

**a. Written Communications:**

1. **IWS.** CPI percentage increase of 4.2% to be effective August 1, 2023.
2. Alex Morelos sport sponsorship request letter.

**b. Public Comment:** *The Public may address the Malaga County Water District Board on item(s) of interest within the jurisdiction of the Board, not appearing on the agenda. The Board will listen to comments presented; however, in compliance with the Brown Act, the Board cannot take action on items that are not on the agenda. The public should address the Board on agenda items at the time they are addressed by the Board. All speakers are requested to wait until recognized by the Board President. All Comments will be limited to three (3) minutes or less per individual/group per item per meeting, with a fifteen (15) minutes maximum.*

**16. Closed Session:**

**17. Adjournment:**

**Motion by:** \_\_\_\_\_, **Second by:** \_\_\_\_\_

**Certification of Posting**

I, Norma Melendez, District Clerk of the Malaga County Water District, do hereby certify that the foregoing minutes for the Regular Meeting of the Board of Directors of July 24, 2023 was posted for public view on the front window of the MCWD office at 3580 S. Frank Street, Fresno Ca 93725, at 5:00P.M. On 07/21/2023.

*Norma Melendez,* District Clerk



**REGULAR BOARD MEETING MINUTES**  
**BOARD OF DIRECTORS MEETING**  
**MALAGA COUNTY WATER DISTRICT**  
**3580 SOUTH FRANK STREET**  
**FRESNO, CALIFORNIA 93725**  
**Thursday, July 13, 2023 at 6:00PM**

**item 4.a.**

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in a District Board Meeting, please contact the District Office at 559-485-7353 at least 48 hours prior to the meeting, to ensure that reasonable arrangements can be made to provide accessibility to the meeting.

- ❖ Please submit all written correspondence for the Board of Directors by 12:00 pm the Friday prior to the meeting. Please deliver or mail to the District Clerk.
- ❖ Public comments are limited to three (3) minutes or less per individual per item, with a fifteen (15) minute maximum per group per item and will be heard during the communication portion of the agenda.

**1. Call to Order: 6:02pm**

- 2. Roll Call:** President Charles Garabedian, Jr.; Vice President Salvador Cerrillo; Director Irma Castaneda; Director Frank Cerrillo, Jr.; Director Carlos Tovar, Jr.  
All present.  
Also Present: Neal Costanzo, Norma Melendez and Moises Ortiz.

- 3. Certification:** Certification was made that the Board Meeting Agenda was posted 72 hours in advance of the meeting.

- 4. Consent Agenda.** The items listed below in the Consent Agenda are routine in nature and are usually approved by a single vote. Prior to any action by the Board of Directors, any Board member may remove an item from the consent agenda for further discussion. Items removed from the Consent Agenda may be heard immediately following approval of the Consent Agenda or set aside for discussion and action after Regular Business.

- a. Minutes of the Regular Board Meeting of June 27, 2023.

Recommended action: To approve the Consent Agenda as presented or amended.

**Motion by Vice President Cerrillo; Second by Director Castaneda and by a 5-0 vote to approve the consent agenda as presented.**

- 5. Old Business: none for this meeting.**

- 6. New Business: none for this meeting.**

- 7. Incorporation Reports: none for this meeting.**

- 8. Recreation Reports:**

**President Cerrillo reported there will be a church outreach at the park on July 29, 2023. No district staff will be needed for this event. The recreation committee can help if they desire.**

Director Castaneda informed the board that the 50's dance will be held August 5, 2023. Recreation bingo is scheduled for August 2<sup>nd</sup> and the Back-to-School Program is scheduled for August 11.

**9. Engineer Reports:**

- a. District Engineer Report. None for this meeting.
- b. CDBG Engineer Report: **none for this meeting.**

**10. General Manager's Report:**

- a. IT quotes. **The District will inquire for bids.**
- b. Review of Provost and Pritchard charges.
- c. COVID grant program. **The GM will apply to this grant program to recuperate money that was lost during COVID for employee sick time.**
- d. Revision of position titles.
- e. Staff reorganization.
- f. Ethics meeting. **Scheduled for Thursday, July 20 at 6:00pm.**
- g. Policy book update.
- h. Employee handbook

**11. President's Report:**

President Garabedian, Jr. reported he had a good vacation and he's glad to be back.

**12. Vice President's Report:**

Vice President Cerrillo would like to give thanks to the GM and the Alley Clean-up crew for a job well done in cleaning up the alleys. The parking lot is looking good after it has been repaired. He is glad the park is looking full and lively during the week.

**13. Director's Reports:**

Director Cerrillo, Jr. reported graffiti has appeared on the Chestnut overpass.

**14. Legal Counsel Report: None for this meeting.**

**15. Communications:**

- a. Written Communications: **None for this meeting.**
- b. Public Comment: **None for this meeting.**

**16. Closed Session: none for this meeting.**

**17. Adjournment:**

**Motion by Director Cerrillo, Jr., Second by Director Castaneda and by a 5-0 vote to adjourn the meeting at 7:03p.m.**

**Certification of Posting**

I, Norma Melendez, District Clerk of the Malaga County Water District, do hereby certify that the foregoing minutes for the Regular Meeting of the Board of Directors of July 13, 2023 was posted for public view on the front window of the MCWD office at 3580 S. Frank Street, Fresno Ca 93725, on 07/25/2023.

**Norma Melendez**

Norma Melendez, District Clerk





**SPECIAL BOARD MEETING MINUTES  
WORKSHOP**

**BOARD OF DIRECTORS MEETING  
MALAGA COUNTY WATER DISTRICT  
3580 SOUTH FRANK STREET  
FRESNO, CALIFORNIA 93725  
Thursday, July 20, 2023 at 6:00PM**

**item 4.b.**

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in a District Board Meeting, please contact the District Office at 559-485-7353 at least 48 hours prior to the meeting, to ensure that reasonable arrangements can be made to provide accessibility to the meeting.

*Public comments are limited to three (3) minutes or less per individual per item, with a fifteen (15) minute maximum per group per item and will be heard during the communication portion of the agenda.*

**1. Call to Order: 6:07pm**

**2. Roll Call:** President Charles Garabedian, Jr.; Vice President Salvador Cerrillo; Director Irma Castaneda; Director Frank Cerrillo, Jr.; Director Carlos Tovar, Jr.

**3. Certification:** Certification was made that the Board Meeting Agenda was posted 24 hours in advance of the meeting.

**4. Closed Session:**

a. **Leadership and Board Training.** *No reportable action taken.*

**5. Adjournment:**

**Motion by Director Cerrillo, Jr., Second by Director Castaneda and by a 5-0 vote to adjourn the workshop at 7:26p.m.**

**Certification of Posting**

I, Norma Melendez, District Clerk of the Malaga County Water District, do hereby certify that the foregoing minutes for the Special Board Meeting of the Board of Directors of July 20, 2023, was posted for public view on the front window of the MCWD office at 3580 S. Frank Street, Fresno Ca 93725, on 07/25/2023.

*Norma Melendez*

Malaga County Water District Clerk

# item 6.a.

## CONDITIONAL WAIVER AND RELEASE ON PROGRESS PAYMENT

**NOTICE: THIS DOCUMENT WAIVES THE CLAIMANT'S LIEN, STOP PAYMENT NOTICE, AND PAYMENT BOND RIGHTS EFFECTIVE ON RECEIPT OF PAYMENT. A PERSON SHOULD NOT RELY ON THIS DOCUMENT UNLESS SATISFIED THAT THE CLAIMANT HAS RECEIVED PAYMENT.**

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### Identifying Information

Name of Claimant:

Name of Customer:

Job Location:

Owner:

Through Date:

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### Conditional Waiver and Release

This document waives and releases lien, stop payment notice, and payment bond rights the claimant has for labor and service provided, and equipment and material delivered, to the customer on this job through the Through Date of this document. Rights based upon labor or service provided, or equipment or material delivered, pursuant to a written change order that has been fully executed by the parties prior to the date that this document is signed by the claimant, are waived and released by this document, unless listed as an Exception below. This document is effective only on the claimant's receipt of payment from the financial institution on which the following check is drawn:

Maker of Check:

Amount of Check: \$

Check Payable to:

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### Exceptions

This document does not affect any of the following:

- (1) Retentions.
  - (2) Extras for which the claimant has not received payment.
  - (3) The following progress payments for which the claimant has previously given a conditional waiver and release but has not received payment:  
Date(s) of waiver and release: \_\_\_\_\_  
Amount(s) of unpaid progress payment(s): \$ \_\_\_\_\_
  - (4) Contract rights, including (A) a right based on rescission, abandonment, or breach of contract, and (B) the right to recover compensation for work not compensated by the payment.
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### Signature

Claimant's Signature:

Claimant's Title:

Date of Signature:

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**item 6.a.**



4075 Celeste Ave  
Clovis, CA 93619  
Don Jimenez: 559-313-7179  
Office: 559-291-0711  
Fax: 559-346-1227  
don@asphalt-tech.com

License# 948614



## INVOICE

Date	Invoice #
7/19/2023	071923-MCWD

### Name-Address

MCWD  
3582 SOUTH WINERY AVE  
FRESNO, CA 93725

DESCRIPTION	Amount
PROJECT LOCATION: 3582 SOUTH WINERY AVE FRESNO, CA	
SCOPE OF WORK:	
PARKING LOT PAVING APPROXIMATELY 57,000 SF -REMOVE AND SALVAGE EXISTING WHEELSTOPS -GRIND EXISTING ASPHALT IN PLACE -GRADE AND COMPACT GRINDINGS AS NEEDED TO PROVIDE STABLE SUBGRADE AND PROPER DRAINAGE -HAUL OF EXCESS GRINDING MATERIALS -CUT CURB FOR DRAINAGE -PAVE WITH 2" HMA -COMPACT AND ROLL TO A SMOOTH SURFACE -LAYOUT & STRIPE PARKING AREAS AND MARKING AS PER EXISTING PLANS (ADDING 3 ADDITIONAL ADA PARKING STALLS (2) AT POOL AREA & (1) NEAR CABOOSE	\$180,500.00
CONCRETE DRIVE (SOUTH) APPROXIMATELY 500 SF -SAW CUT AND REMOVE EXISTING DAMAGED CONCRETE -GRADE AND COMPACT SUBGRADE -INSTALL #4 REBAR REINFORCEMENT 12" OC -DOWEL TO EXISTING CONCRETE -POUR AND FINISH CONCRETE 4,000 PSI TO EXISTING GRADES 8" DEPTH	\$13,650.00
-BONDING COST	\$9,707.00
<b>TOTAL</b>	<b>\$203,857.00</b>

# item 6.c.

**Norma Melendez**

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**From:** Moises Ortiz  
**Sent:** Wednesday, July 19, 2023 1:41 PM  
**To:** Norma Melendez; Maria Lopez  
**Subject:** FW: Billing Options

Add to agenda

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**From:** Keith Hester <khester@cagliarecycling.com>  
**Sent:** Tuesday, July 11, 2023 3:46 PM  
**To:** Moises Ortiz <mortiz@malagacwd.org>  
**Cc:** Nick Caglia <nickc@cagliarecycling.com>  
**Subject:** Billing Options

Hi Moises,

Nick and I met with our billing/finance team today and have some options for you:

## **Roll Off Billing**

### **Option 1:**

IWS assumes all of the billing for roll off so Malaga no longer bills roll off. We would pay the District a 5% franchise fee versus 10% to cover our costs. With the new roll off accounts being added Nick seems to feel that you won't see a significant drop in franchise dollars.

### **Option 2:**

IWS assumes all of the billing for roll off so Malaga no longer bills roll off. If the District wants to retain the full 10%, we would have to bill the customers with a 17% fee in order to retain 5% for IWS. (This because we would be paying the District 10% on the gross revenue billed, which would include the 17%)

### **Option 3:**

IWS assumes the billing for the new accounts (roughly 15) and we pay the District 5% franchise fee only for those accounts we bill.

## **Residential Term**

IWS would be willing to change the payment terms on the residential only to 60 days, so you can stay on your 30-day bill cycle to the residents. This gives the District an additional 30 days to collect funds and pay us the full amount we bill the District at 60 days.

Please let me know if you have any questions or want to meet in person to discuss this further. Thanks  
Moises

**Keith Hester, General Manager**  
Caglia Environmental  
[khester@cagliarecycling.com](mailto:khester@cagliarecycling.com)  
Cell: 559.417.8307

## Memorandum

To: Malaga County Water District, File

From: Michael Taylor

Subject: Update to Open Items

Date: July 14, 2023

### Comments:

This memorandum serves as an update to previous memorandums regarding our understanding of open items. Please let me know if there are additional items to be defined or if there are corrections to the list.

P&P Tasks authorized, open items:

#### Immediate Items:

#### Well No. 3A and Tank

RCAC has been contacted regarding a Bridge Loan and is ready to proceed.

The project is advertised. The bid opening is August 1, 2023.

#### Well No. 5A and Tank at the site

Design is near complete, pending a few clarifications on controls. FID wants to obtain an updated easement for its canal on the east side of the property. It is expected that FID will submit an easement for MCWD consideration in the near future.

Key issues include a Rule 16 from PG&E. An application for the Rule 16 has been submitted.

An easement has been obtained from Vitro for the disposal of well development water.

RCAC has been contacted regarding a Bridge Loan and is ready to proceed.

The need for the new well is critical in light of not being able to provide Maximum Day Demands for the District if the largest production well is out of service.

### Biennial Water Supply Report

A draft has been submitted for review in 2022. This may need to be updated.

The report then can be routed to the Board for consideration, noticed for public review, then placed on a subsequent agenda for adoption, pending comments.

It might be the decision of the MCWD to delay finalizing a report until February 2024.

### High Speed Rail

The agreements and easements between MCWD and the HSRA are finalized.

MCWD is able to move forward on construction of the new gate and drive approach on Maple Ave.

The HSRA has contracted for the underground utility construction at the south end of the WWTF property. Monitoring of said construction is expected to require minimal input from P&P.

### Infrastructure Master Plan

Updated Draft submitted to the District. Responses have been received from City of Fresno, FID, City of Fowler, SKF, Caltrans, and the County of Fresno.

The key pending issue is to finalize of water allocation agreement with FID. Now that the agreement is complete, the Master Plan can be finalized for MCWD review and approval.

### Municipal Services Review

The final draft has been completed.

MCWD Board had requested tabling the completion of the report.

### Funding Applications – respond as needed

Shady Lakes MHP Consolidation – pending funding commitment, expected by September 2023

MCWD WWTF and Collection System Improvements – pending funding commitment

Well 3A – funds allocated by DWR, **awarded**

Tank at Well 3 site – funds allocated by DWR, **awarded**

Well 5A – funds allocated by Fresno County, **awarded**

Tank at Well 5 site – funds allocated by Fresno County, **awarded**

Tank at Well 7 site – application submitted to Fresno County

CDBG Nitrate Reduction funding has been **awarded**

CDBG Backup funding (CDBG #21451) has also been **awarded**

Total award is \$500k

P&P is working as a subconsultant to Y&H for design

The design has been submitted to the County for review and comment. Once those comments are incorporated, the project may be advertised for construction.

FAAST            mgtaylor            murphy3358

Consider applications for destruction of wells, looping of water mains

#### Update MCWD Development Requirements/Ordinances

Work with District and Michael Slater to update development requirements for the District as regards SGMA issues in particular.



Annexations:

1 Large Parnagian annexation proposed near Peach and Central.

Pending comments from LAFCo. Submitted March 27, 2018.

Status of updated CEQA documents?

Status of LAFCo review?

Anticipated Schedule?

County of Fresno requesting comments on request for Re-zone. A draft "Intent to Serve" has been prepared.

Understood that Parnagian's engineer still needs to prepare supporting documentation to the environmental (ie. traffic/transportation).

2 DDG Annexation at NE corner of Willow and Central

Pending application from DDG.

Pending Re-zone by the County

Comments in the form of an "Intent to Serve" were prepared in response to a request from the County.

3 Assemi development

The Update to the MSR is being processed to include an expansion of the SOI to accommodate the proposed development.

Status – no specific request from Assemi to date

Pending update to the EIR.

4 Greenlaw development

This development is described as a warehouse development. The County has prepared a Mitigated Negative Declaration for the proposed rezone. The project is located on the west side of Peach north of American Ave.

5 Jones development

This proposed development is also requesting a rezone from Fresno County. The project is located west of Maple approximately mid way between Malaga and American.

No current action.

Developments:

**1. Update Development requirements especially as regards to SGMA**

- a. Work with District and legal counsel to require the property owner to determine the water supply shortfall and the means to pay for and obtain the necessary surface water to offset the shortfall.
2. SPR 7966 for District review of P&P comments – Jamail Singh Development
- a. Received second set of plans from developer. Returned with comments on 2-15-17.
  - b. No new information.
3. Proposed development at Central east of Peach. A Site Plan Review (No. 7970) has been received from the County of Fresno.
- a. Comments have been returned. No specific improvement plans have been received yet. The project would require annexation of the subject property and two other adjacent properties.
  - b. No new information.
4. SPR 8180 (Chestnut Ave)
- a. Concerns about water supply and sewer service. Concerns about overall capacity
  - b. Response was sent to the District and County.
  - c. Contingent upon a new MCWD well.
  - d. Prepared and delivered a Letter of Intent to Serve
  - e. Comments have been returned to the developer after several submittals. New concerns about the potential of a Tentative Parcel Map
5. SPR 8181 (Central Ave)
- a. Concerns about water supply. Concerns about WWTP capacity.
  - b. Response was sent to the District and County.
  - c. Contingent upon a new MCWD well.

- d. Prepared and delivered a Letter of Intent to Serve
  - e. Comments have been returned to the developer from the second submittal of plans.
6. New construction east of Kroeker on Chestnut 4656 S. Chestnut Ave.

There is an unauthorized development is proceeding immediately adjacent to the District boundary. This private well went dry and the District has issued a conditional will-serve letter to allow them to connect with water service.

It is understood that the well went dry and the site might now have a water connection to the District?

The recommendation was that the property annex to the District. The property should connect to the MCWD water system.

7. SPR 8201 Chestnut and Cartwright (Enterprise Truck Rental)

Improvement Plans are complete. Pending construction.

8. SPR 8208 Bagley and Malaga

Comments have been returned to the County April 2021.

9. SPR 8241 Minnewawa near Muscat

Comments have been returned to the County

Contingent on a new MCWD well

Prepared a Letter of Intent to Serve

10. SPR 8244 Peach near Malaga

Comments have been returned to the County

Contingent upon a new MCWD well.

No sewer available.

Prepared a Letter of Intent to Serve

Issues of concern regarding master plan facilities.

11. SPR 8247 Willow and Muscat

Comments have been returned to the County

New development at the old Ridglass site.

No remaining comments from the MCWD

12. SPR 8257 Chestnut south of Muscat

Proposed CNG facility.

Comments have been returned to the County

Requested an updated Site Plan and Operational Statement from developer on 2/21/2023.

13. SPR 8268 Golden State Blvd

Proposed Truck Wash.

Comments have been returned to the County. Requires connection to the MCWD water and sewer systems. Requires destruction of the on site well and on-site septic system.

A will-serve letter has been issued.

14. SPR 8226 Maple and American Ave.

Proposed Truck Parking and Maintenance.

Comments have been submitted. Concern about a proposed private well.

15. SPR 8117-R

3080 E. Malaga Ave., Penske

Proposed expansion of facilities.

Comments have been submitted to the County.

16. SPR 8219

4637 S. Maple Ave., Singh

Proposed Truck Parking and Maintenance.

Comments have been submitted to the County.

17. SPR 8286

West side of Peach between Malaga and American

Greenlaw Partners

Proposed warehouses.

Requires annexation. Requires rezone.

18. SPR 8296

West side of Peach between Malaga and American

Greenlaw Partners

Proposed warehouses.

Requires annexation. Requires rezone.

A parallel application as SPR 8286

Also associated with AA 3845 (rezone)

19. AA 3848

West side of Maple between Malaga and American

Jones

Requires annexation. Requires rezone.

20. 3269 E. North Ave.

Owner requested annexation and water service.

Property is already in the District. Would be required to connect to water and to construct sewer across frontage and connect.

21. SPR 8289 North Ave and Chestnut Ave.

A proposed grocery store at the corner.

Comments have been returned to the County and Owner.

22. AA 3834 Assemi east of Minnewawa between North and Central

A proposed rezone of property.

Comments have been returned to the County and Owner.

23. AA 3848 Jones 4579 Maple Ave

A proposed rezone of property west of Maple.

Comments have been returned to the County and Owner.

24. 3430 E American Ave

A proposed development near American and SR 99. The developer is intending on extending the MCWD water main from the Kroeker area to the proposed development.

25. RV Jensen Buildings at Maple and Malaga Ave

RV Jensen is intending to construct buildings at the northwest corner of Maple and Malaga Ave.

26. American Warehouse

Question of the fire booster pump and potential impact to the water main

Schedule a walk through of the operation

## Wastewater Treatment Facilities:

### 1 WWTF denitrification. Denitrification tasks – Plans and Specifications are completed.

A CDBG Grant was received to implement denitrification at the WWTF. Plans have been submitted to the County for authorization to advertise.

The current plan is to convert the DAF basin to an anoxic zone.

The new Waste Discharge Requirements Provision H, Item 15 requires a workplan and schedule for implementation of improvements to achieve nitrogen limits.

The District has received a CV SALTS Compliance Notice. MCWD is participating in the Kings Water Alliance Management Zone.

An update to the Cease and Desist Order is needed. There are a couple of items for P&P to prepare.

### 2 Electroconductivity

The District has received a CV SALTS Compliance Notice for electroconductivity.

The District is participating in the Prioritization and Optimization Study (P&O Study). A response has been submitted.

### 3 Local Limits

Update tasks and actions per the Salinity Minimization Plan and the Pollution Prevention Plan.

A summary memorandum has been prepared for consideration.

Updated draft of Administrative Guidelines has been prepared. Status of District final review and action?

The District has not yet received formal approval from the RWQCB of the new Local Limits or associated Ordinances?

Re- Submitted in February 2020

Presently updating draft Local Limits since the Waste Discharge Requirements have been changed and there is no longer an NPDES component.

### 4 Pretreatment Inspection

Assist the District with the Workplan and Tasks to respond to Pretreatment Inspection – as requested



5 Quarterly and Annual Reports

Assist the District with Quarterly and Annual Pretreatment reports.

Due August 1, 2023, November 1, 2023, February 28, 2024, May 1, 2024

Assisting with Annual Report as requested

Prepared groundwater monitoring well spreadsheet and graphs.  
Prepared sludge characterization spreadsheet

Due February 1 of each year

6 Clarifier Upgrades – assist as requested

Understood that the MCWD Board has authorized the improvements. It is now understood that no upgrades are being implemented by staff

7 Prepare plans for the removal of the berm between Pond 1 and Pond 2  
Delay in anticipation of potential funding sources from the State

8 Disposal Pond Report

Update monitoring of pond percolation rates now that new canal gates are installed in the diversion boxes. It is understood that some canal gates still do not operate properly.

Make recommendations relative to pond scraping of other actions.

Status of percolation monitoring in disposal ponds?

Status of plan for scraping disposal ponds?

Disposal ponds performing well presently.

9 RWQCB Inspection

Prepare for the next inspection by the RWQCB – Recommended that the District gets ready.

The checklist would be the last inspection report from the RWQCB.

Sewer Collection System (Capital Facilities):

- 1 Vitro Water Reuse system, Rio Bravo Reuse system, Still trying to get information from the equipment supplier.

- 2 SSMP Update – need results/records of District sewer flushing activities.

Need to coordinate with MCWD to update the SSMP to be compliant with new regulatory requirements.

Water:

1. Design of Well 3A and Tank 1

The project is advertised for construction.

Funding may not be sufficient. A budget adjustment was requested of DWR. DWR direction was for MCWD to proceed with advertisement so that a specific budget modification can be considered.

**Need to set up Bridge Loan – Line of Credit.** This has been pre-approved by RCAC

The need for the new well is critical in light of not being able to provide Maximum Day Demands for the District if the largest production well is out of service.

This project also provides supplemental fire storage in the tank.

2. Design of Well 5A and Tank at the same site.

Working on final design so that advertisement can be scheduled.

Key issues include a Rule 16 from PG&E. An application has been submitted.

Disposal of well development water is covered with an easement from Vitro

**Need to set up Bridge Loan – Line of Credit**

The need for the new well is critical in light of not being able to provide Maximum Day Demands for the District if the largest production well is out of service.

3. Biennial Water Supply Report AB 2523

A draft has been submitted for review.

The report then can be routed to the Board for consideration, noticed for public review, then placed on a subsequent agenda for adoption, pending comments.

**It may be possible that the MCWD will wait until 2024 to prepare an updated Water Supply Report.**

4. SGMA agreements – assist as requested

Water Allocation recommendations

## Water Sustainability Costs and impacts on Fee Schedule

### 5. DDW requirements – assist Moises as requested

Destruction plan for Wells 1, 3, 4, 5  
Submitted to the District

**Recommend submittal of a Construction Grant application to the State.**

The scope might be reduced when Wells 3A and 5A are constructed.

### 6. Consumer Confidence Report (CCR)

a. Assist District with CCR as requested.

### 7. Recommend that the MCWD pursue a storage tank of at least 1 MG west of SR 99

General:

1. Groundwater Management Plan input (as requested).
  - a. Can/should the transfer of water rights or allocations be a condition of service for new proposed developments? Legal input required.
2. Status of Basin Recharge project – assist as requested.
  - a. Status of water allocation for MCWD
  - b. Status of FMFCD design and construction schedule
  - c. Status of water delivery requirements/monitoring
3. Overall task list recommendations (included in Capital Facilities Plan) –  
WDR Compliance  
Standards – recommend the Standards are updated  
Groundwater Monitoring
4. Incorporation Efforts input (as requested).
5. Konkel School property acquisition and planning (as requested).
6. Rate Studies – provide assistance as requested
  - a. Capital costs associated with Master Plan improvements
  - b. SGMA impact estimates

## Funding Applications:

1. Shady Lakes Consolidation Planning Grant
  - a. Preparing a Planning Grant Application (pending authorization Oct 26, 2021) for wastewater collection, treatment and disposal facilities to consolidate the Shady Lakes Mobile Home Park to the MCWD system. Typical Planning Grant limits are \$500k, maximum Planning and Construction Grant total is \$10M.

2. USDA

Authorized to prepare a Preliminary Engineering Report for improvements, but putting on hold until the other Grant Project Contracts are finalized

3. Clean Water

Recommend that an application is submitted for the destruction of the inactive wells.

Also recommended that an application is submitted for water looping projects

4. FAAST

mgtaylor

murphy3358

## High Speed Rail:

### 1 High Speed Rail

Assistance as requested.

Assist MCWD to contract for the construction of the new gate access at Maple Ave.

Assist MCWD to monitor construction of underground electrical duct bank on the south pond embankment at the WWTF.



Plans:

1 A draft Master Plan has been submitted

Comments have been received from City of Fresno, City of Fowler, Caltrans, FID, SKF, County of Fresno

Resolution of surface water allocations and SGMA Agreement has been completed. The draft Master Plan may now be finalized for MCWD review and approval.

Key actions after adoption would be:

Follow up on Property purchase options for WWTFs

Update Fee Schedules associated with Connection Fees

2 A draft Capital Improvement Plan has been submitted (January 2019)

Assistance as requested.

It is recommended that the Capital Improvement Plan is updated and considered by the Board for adoption.

The Capital Improvement Plan is a valuable support document for water and sewer rate considerations. This may be replaced by the Master Plan documents.

Recommendations:

- General assistance.

Assist with Proposition 218 processes as required

Identify schedule and funding sources – Capital Improvement Plan or Master Plan

Identify potential impact to water and sewer rates

Connection Fees?

Annexation Fees?

SGMA fees?

Coordination with District, Bartle Wells

Help with interpretation of assessment of the various fees in the most recent Fee Schedule.

- Potential of update water systems operations plan
  - Assist as requested
- Master planning WWTP short term and long term (Capital Improvement Plan)
  - A draft outline was submitted previously
- Master planning water system SCADA short term and long term (Capital Improvement Plan)
  - A draft outline should be discussed again – construction of Wells 3A and 5A may provide a framework for the SCADA system
- Review status and plan for the Well 1 and Well 4 sites (Capital Facilities Plan).
- Solar facilities. Provide assistance as requested.
- Update **MSR (Municipal Services Review)** – pending Master Plan.

Overall area of study has been changing.

Initial SOI change to eliminate the northwest corner of the sphere as it is now served by the City of Fresno.

MCWD has directed that the MSR is completed with consideration of the existing District Sphere of Influence only.

- Grant application for park improvements – the District did not receive funds from the previous application.
  - The District may wish to consider a new application. It is noted that NEW Parks receive more favorable consideration than existing parks. This also could include providing access to the existing park to areas of the community that do not have access presently.
  - Assist as requested

Need to prepare a Park Master Plan?

To  
Subject

7/14/2023  
Page 21 of 23

Questions:

## Various on-going actions/tasks

### Throughout the year:

receive and save the WWTF test results

receive and save the monthly water report prepared by Gabino Gomez

enter the water pumped from each well in the Pumping Record spreadsheet – review for maximum day flows - Melissa

obtain monthly monitoring reports for the WWTF

enter the water discharged from the WWTF in the spreadsheet that tracks the history of discharges – Jerry or Melissa

update the costs associated with development reviews each month and send to the District with each invoice

Track the status of proposed developments with the development tracker spreadsheet

January – assist with finalizing the Annual Report for the WWTF. Key areas of assistance are the description of groundwater movement and characteristics at the WWTF and updating the Salinity Management Plan results.

February – assist with finalizing the Pretreatment Report

Annual Report for WWTF due

Even years – assist with the Water Supply Report

March

Review pumping records from the previous year and prepare a short water supply capacity evaluation

April

May Pretreatment Report due

June

July

August Pretreatment Report due

September

October

November Pretreatment Report due

December

Estimator:	PA HOUA VANG	<b>Electric Underground Specifications</b>		Notification#	125553563
ADE:	DAVID CAVAZOS			PM Order#	35454453
Rep:	DAN VANG			D&C #	
Supervisor:	HENRY DIAZ			Date:	7/17/2023

Applicant:	Moises Ortiz								
Location:	3062 S PEACH AVE, FRESNO								
Service Voltage	277/480	Main Size	800	1ph.Load:		kva.	3ph.Load:	400	kva.
SC Amps Sym.	22000								
Primary Cable:	Number:	3	Size:	1/0 AL.	EPR - CONC - ENCAP - PE 25KV				
Service Cable:	6	750 AL. XLP. 600V.		2	4/0 AL. XLP. 600V.				
	Number	Hot legs number and size		Numbe	Neutral number and size				

**Applicant to Provide and Install Conduit, Trench, and Substructures**  
**(As indicated below and/or on the attached drawing)**

Primary: Conduit--Size	4"	No.	1	Bend--Radius	36"/60"	Degrees	90/45
Secondary: Conduit--Size		No.		Bend--Radius		Degrees	
Service: Conduit--Size	5"	No.	2	Bend--Radius	36"	Degrees	90
Streetlight: Conduit--Size		No.		Bend--Radius		Degrees	

Primary Trench: Overall Depth "	43"	Minimum Cover	36"
Secondary Trench: Overall Depth: "		Minimum Cover	
Service Trench: Overall Depth: "	32"	Minimum Cover	24"
Streetlight Trench: Overall Depth: "		Minimum Cover	

	Type / Style:	Size:	Code:	<b>Barrier Post</b>
Transformer Pad: (Type, Size, and Code )	IIE	"Loop Style" 106"x 90"	040292	Req. <input checked="" type="checkbox"/>
Primary J-Box Pad: (Type, Size, and Code )				<input type="checkbox"/>
	Type / Style:	Size:	Traffic Load:	Code:
Primary Pull Box: (Type, Size, and Code)				
Sec. / Svc. Box / Ped: (Type, Size, Code)				

All Applicant Installations must pass PG&E inspection, do not backfill\* the trench until it has been inspected and approved.

Contact the construction Department at **559-263-7312** or Email: **fresnodivisioninspectionrequest@pge.com**

48 hours in advance for inspection. Cost of PG&E materials are subject to change if this design is altered by the applicant.

Please contact **DAN VANG** at **559-470-9520** of any changes or need for additional information.

☒ Please Call USA **811** at least 48 hours prior to excavating this area:

☒ All existing facility locations are approximate, verify with hand tool excavation.

Mains 201 Amp and above, lugs to be supplied by pg&e.

Conduit to be direct burial (DB), PVC marked ASTM F512 DB120PVC or schedule 40 marked UL Approved 90°C. Conduit above ground level to meet Engr. Standard Dwgs. \*All conduits shall be proven free and clear of dirt, rocks, etc. by means of a mandrel, wire brush, etc. A polyester pulling tape shall be installed in all conduits and attached to an end cap. (No manufactured bends or use of heat shall be used to obtain conduit sweeps.)

Conduit depths are shown as minimums and may need to be increased when entering or leaving secondary splice boxes



**REFERENCE DRAWINGS** are available via the PG&E web site at: <http://www.pge.com/greenbook>. Refer to the **Electric and Gas Service Requirements** (Green Book) Section 3, Electric Service - Underground. Or you may contact your PG&E representative for copies of the following.

<input checked="" type="checkbox"/>	Corrosion Resistant Ground Rods and Ground Rod Clamps	<a href="#">013109</a>
<input type="checkbox"/>	Secondary Enclosures for Electric Underground (secondary service)	<a href="#">028028</a>
<input checked="" type="checkbox"/>	Concrete Pad for Three-Phase, Loop Style Pad-Mounted Transformers	<a href="#">045292</a>
<input checked="" type="checkbox"/>	Loc, Clearance, and Mechanical Details for Pad-Mounted and Subsurface Equipment.	<a href="#">051122</a>
<input checked="" type="checkbox"/>	Terminating UG. Electric Service 0-600 Volt in Customer-Owned Facilities.	<a href="#">058817</a>
<input checked="" type="checkbox"/>	Landscape Screen for Pad-Mounted Transformers	<a href="#">063422</a>
<input type="checkbox"/>	Methods and Requirements for Installing Res. UG. Elec. Service 0-600V.	<a href="#">063927</a>
<input checked="" type="checkbox"/>	Methods and Requirements for Installing Comm. UG. Elec. Service 0-600V.	<a href="#">063928</a>
<input checked="" type="checkbox"/>	Requirements for Bus Duct Entrance Termination Unit for Use With P/M Transformers.	<a href="#">063929</a>
<input type="checkbox"/>	Installation of Pad-Mounted, Load-Break Junction.	<a href="#">066212</a>

# Applicant Notes

**Refer to Electric & Gas Service Requirements (Green Book) or Separate PG&E Standard Drawings. Contact Your PG&E Representative for Copies, or Access <https://www.pge.com/greenbook>.**

☒ **Conduit, Trenching and Backfill:**

1	All dimensions and locations are estimated, approximate and may be superseded by a JOINT TRENCH or COMPOSITE DRAWING.
2	Applicant to provide and install all underground facilities shown on this drawing in accordance with PG&E engineering standards and the following.
3	Applicant to provide all TRENCHING, SHADING, BACKFILL, AND COMPACTION.
4	4" of sand is required above and below conduit if native soil is not free of rocks, hardpan, etc. Backfill shall meet approval of PG&E Inspector
5	<b>Service Conduit: 063927, Page 2 Tbl.1 &amp; 2 (Residential.)</b>
	<b>Service Conduit: 063928, Page 3 Tbl.1, 2, &amp; 3 (Commercial / Industrial)</b>
6	<b>Distribution Conduit: PG&amp;E Drawing 062288, Pages 1-14.</b>
7	Provide long conduit sweeps where indicated. Recommended sweep radius (10' OF RADIUS PER INCH OF CONDUIT DIAMETER) Example: 4" CONDUIT = 40' RADIUS.
8	Manufactured bends or application of heat shall not be used to obtain long conduit sweeps. Do not exceed 300 degrees of bends including feed location.
9	All conduits shall be proven FREE and CLEAR, and a POLYESTER PULLING TAPE installed
	Manufactured bends are not to be CUT, SHORTENED, or ALTERED in any way.
11	Install: a) Temporary caps on conduits stubbed at riser poles, pads, and boxes
	b) Permanent caps on buried conduits ends
	c) End Bell Fittings are required for all conduits entering an enclosure knockout or pad window (they must be grouted)
	d) 36" minimum bend radius for primary conduit.
	e) 24" minimum bend radius for service and secondary conduit.
12	Identify ends of buried conduit with a vertical conduit scrap installed from ridged cap to ground level.
13	Conduits entering primary boxes shall be at a right angle to the window or wall.

☐ **Subsurface Transformers and enclosures / sec. Boxes and Pedestals:**

☒ **Padmounted Transformers, Switches, and Junction Boxes:**

19	<b>Concrete and Precast Pads for Three Phase Transformers: 045292 Pages 1-7</b>
20	<b>Single Phase and Duplex Padmounted Transformer Pads: PG&amp;E drawing 064309, Pages 1-6</b>
21	<b>Concrete Pads for PMH Load-Break Switches: PG&amp;E drawing 053318, Pages 9-12</b>
22	<b>Concrete Pads for Padmounted Fused Switches PMH 41 &amp; 43: PG&amp;E drawing 061043, Pages 9-12</b>
23	<b>Precast Pad for Padmounted Capacitor: PG&amp;E drawing 066197, Page 4 &amp; 13-14</b>
24	<b>Precast Pads for Padmounted Primary Junction: PG&amp;E drawing 066212, Pages 5-9</b>

☒ **Grounds, Barrier Protection, and Landscape:**

25	<b>Ground Rods: 013109, Pages 1-3.</b>
26	Applicant to install all ground rods and interconnecting wire between grounds.
27	<b>Protection (BARRIER POST) for padmounted equipment: 051122, Pages 8-25</b>
28	Final determination of barrier post installation and number will be by PG&E Inspector.
29	<b>Landscape Screening: 063422, Pages 1-12</b>

☒ **Safety & Workmanship:**

30	Notify USA 48 hours prior to digging for underground locating. (see phone number above)
31	48 hour notice required for underground inspections. (see phone number above)
32	Materials and Workmanship shall be first quality in every respect, plumb and true, and according to the specific requirements of the drawings and the above applicable notes and specifications.
33	The Applicant is to verify all proposed installations, conditions & specifications prior to commencing with any portion of work. Any discrepancies, deletions or inconsistencies are to be reported to the PG&E Representative immediately. The applicant shall comply with all applicable specifications. Any unapproved variations from PG&E plans or specifications relieves PG&E from all responsibility for the Substructure Design.

☐ **Insert Drawing:**

EST:	PA HOUA VANG		PM:	35454453		
ADE:	DAVID CAVAZOS		SD:			
SUPV:	HENRY DIAZ		NOTIF:	125553563		
REP:	DAN VANG		OTHER:			
PLNR:			SHT:			
	DATE:		PACIFIC GAS & ELECTRIC COMPANY			
	7/17/2023					

## **item 9.a.ii.**

07/13/2023

**Capacity upgrades are  
required for your project.  
Please read for more  
information.**

Re:

Application #125553563  
PM #: 35454453  
Malaga County Water District  
3062 S Peach Ave  
Fresno, CA 93725

Dear Malaga County Water District,

While reviewing your application for electric service at the location noted above, we determined that capacity upgrades are required on PG&E's electric system to meet your project's full anticipated electrical demand. Currently, PG&E has sufficient capacity to handle 0 kVA of the total requested demand load of 400 kVA. In order to ensure the safety of our electric system, these system capacity upgrades are required prior to your full anticipated load coming online.

### **What to expect**

Generally, it takes about 18 to 24 months from the issuance of this letter to complete the necessary upgrades. **Please note this is an estimate.** We will continue to work with you and communicate timelines as the capacity upgrade project is developed.

With regard to cost, capacity upgrades are usually built into PG&E's rates and not charged directly to you as part of the cost of your new or upgraded electric service. However, costs are dictated by each individual project as well as Electric Rules 16 and 21 and some costs may be your direct responsibility. We will communicate with you on the responsibility of cost as your project is developed.

### **Next steps**

Once PG&E has completed the capacity upgrades to our system, we will reach out to contact you to provide the next steps needed to energize your electric service.

These upgrades are important for ensuring the safe operation of our electric system. However, we understand the impacts delays have on our customers and we apologize for any inconvenience. If you have questions or would like any additional information, please contact me.

Thank you,

Dan Vang  
PG&E Senior New Business Representative  
8 East River Park Place West  
Fresno, CA 93720  
(559)470-9520





MALAGA CWD - COMMUNITY PARK & RECREATION CENTER - SOLAR PROJECT

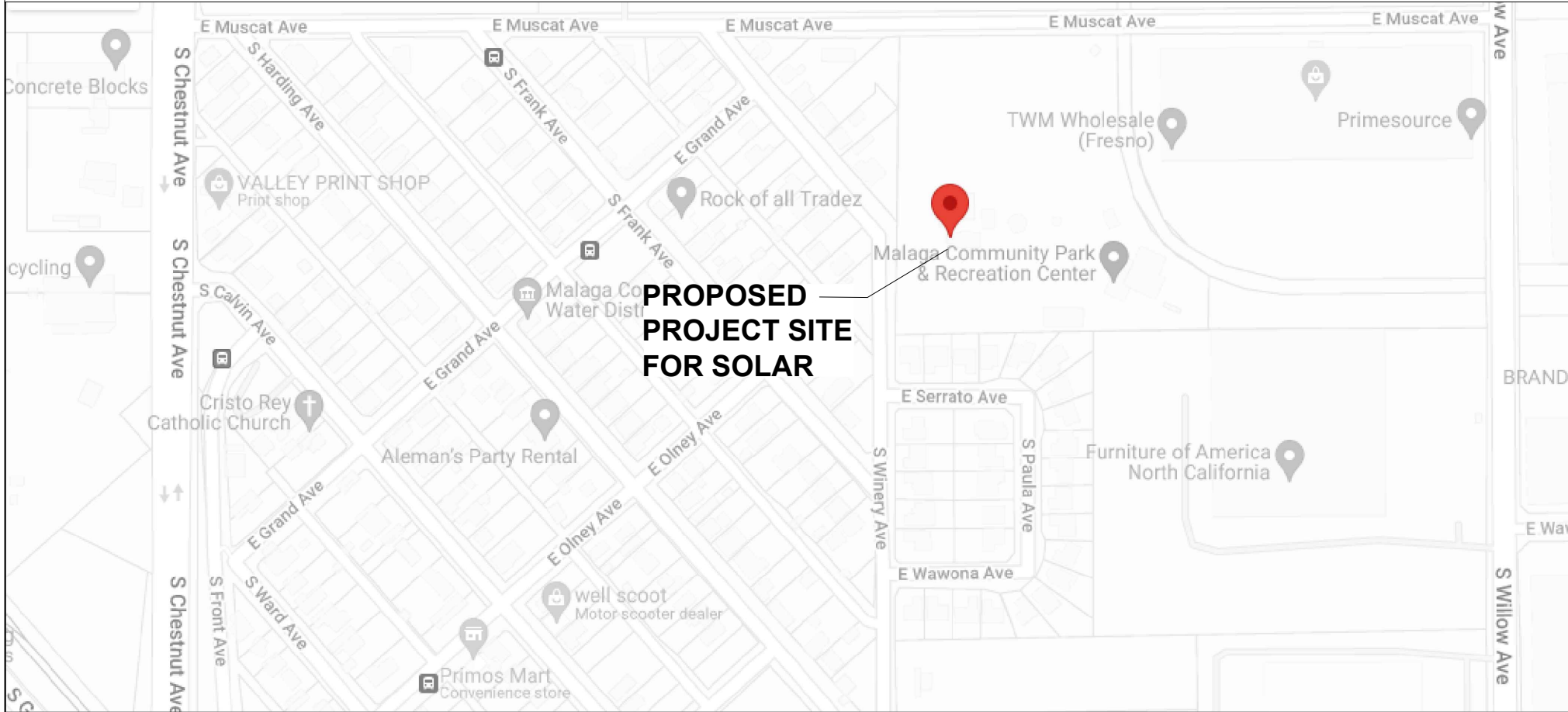
3582 S WINERY AVE

FRESNO, CA 93725

item 10.a.

CALL 811 DIG ALERT PRIOR TO EXCAVATING:

COMPLIANCE WITH GOVERNMENT CODE 4216 IS TO BE FOLLOWED PRIOR TO ANY EXCAVATION TAKING PLACE.



VICINITY MAP

GOVERNING CODES:

CALIFORNIA CODE OF REGULATIONS:  
2022 CALIFORNIA ADMINISTRATIVE CODE (CAC) ..... (PART 1, TITLE 24, CCR)  
2022 CALIFORNIA BUILDING CODE (CBC), VOLUMES 1, AND 2 (PART 2, TITLE 24, CCR)  
    (2018 EDITION INTERNATIONAL BUILDING CODE WITH 2019 CALIFORNIA AMENDMENTS)  
2022 CALIFORNIA ELECTRICAL CODE ..... (PART 3, TITLE 24, CCR)  
    (2017 EDITION NATIONAL ELECTRICAL CODE WITH 2019 CALIFORNIA AMENDMENTS)  
2022 CALIFORNIA MECHANICAL CODE (CMC) ..... (PART 4, TITLE 24, CCR)  
    (2018 EDITION IAPMO UNIFORM MECHANICAL CODE WITH 2019 CALIFORNIA AMENDMENTS)  
2022 CALIFORNIA PLUMBING CODE (CPC) ..... (PART 5, TITLE 24, CCR)  
    (2018 EDITION IAPMO UNIFORM PLUMBING CODE WITH 2019 CALIFORNIA AMENDMENTS)  
2022 CALIFORNIA ENERGY CODE ..... (PART 6, TITLE 24, CCR)  
    (2018 EDITION CALIFORNIA ENERGY COMMISSION BUILDING ENERGY EFFICIENCY STANDARDS)  
2022 CALIFORNIA FIRE CODE (CFC) ..... (PART 9, TITLE 24, CCR)  
    (2018 EDITION OF INTERNATIONAL FIRE CODE WITH 2019 CALIFORNIA AMENDMENTS)  
2022 CALIFORNIA GREEN CODE ..... (PART 11, TITLE 24, CCR)  
2022 CALIFORNIA REFERENCED STANDARDS CODE ..... (PART 12, TITLE 24, CCR)  
NFPA 13 - 2022  
NFPA 72 - 2022

REFERENCE CODE SECTIONS FOR APPLICABLE STANDARDS:

2022 CBC, CHAPTER 35  
2022 CFC, CHAPTER 80

INSPECTIONS:

SAFETY DURING CONSTRUCTION TO COMPLY WITH 2022 CFC CHAPTER 33

NOTES:

- 1) NOTICE TO THE APPLICANT/OWNER/OWNER'S AGENT/ARCHITECT OR ENGINEER OF RECORD: BY USING THIS PERMITTED CONSTRUCTION DRAWINGS FOR CONSTRUCTION, INSTALLATION OF THE WORK SPECIFIED HEREIN, YOU AGREE TO COMPLY WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION FOR SPECIAL INSPECTIONS, STRUCTURAL OBSERVATIONS, CONSTRUCTION MATERIAL TESTING AND OFF-SITE FABRICATION OF BUILDING COMPONENTS, CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS AND AS, REQUIRED BY THE CALIFORNIA CONSTRUCTION CODES.
- 2) LOCATIONS AND CLASSIFICATIONS OF EXTINGUISHERS SHALL BE IN ACCORDANCE WITH CFC 906 AND CALIFORNIA CODE OF REGULATIONS (CCR), TITLE 19.
- 3) DURING CONSTRUCTION, AT LEAST ONE EXTINGUISHER SHALL BE PROVIDED ON EACH FLOOR LEVEL AT EACH STAIRWAY, IN ALL STORAGE AND CONSTRUCTION SHEDS, IN LOCATIONS WHERE FLAMMABLE OR COMBUSTIBLE LIQUIDS ARE STORED OR USED, AND WHERE OTHER SPECIAL HAZARDS ARE PRESENT PER CFC SECTION 3315.1.
- 4) BUILDINGS UNDERGOING CONSTRUCTION, ALTERATION, OR DEMOLITION SHALL CONFORM TO CFC CHAPTER 33. WELDING, CUTTING, AND OTHER HOT WORK SHALL BE IN CONFORMANCE WITH CFC CHAPTER 35.
- 5) ADDRESS IDENTIFICATION SHALL BE PROVIDED FOR ALL NEW AND EXISTING BUILDINGS IN A LOCATION THAT IS PLAINLY VISIBLE AND LEGIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY. WHERE ACCESS IS BY WAY OF A PRIVATE ROAD AND THE BUILDING ADDRESS CANNOT BE VIEWED FROM THE PUBLIC WAY, AN APPROVED SIGN OR MEANS SHALL BE USED TO IDENTIFY THE STRUCTURE. PREMISES IDENTIFICATION SHALL CONFORM TO CBC SECTION 501.2.
- 6) DUMPSTERS AND TRASH CONTAINERS EXCEEDING 1.5 CUBIC YARDS SHALL NOT BE STORED IN BUILDINGS OR PLACED WITHIN 5 FEET OF COMBUSTIBLE WALLS, OPENINGS OR COMBUSTIBLE ROOF EAVE LINES UNLESS PROTECTED BY AND APPROVED SPRINKLER SYSTEM OR LOCATED IN A TYPE I OR TYPE IIA STRUCTURE SEPARATED BY 10 FEET FROM OTHER STRUCTURES. CONTAINERS LARGER THAN 1 CUBIC YARD SHALL BE OF NON-LIMITED COMBUSTIBLE MATERIALS OR SIMILARLY PROTECTED OR SEPARATED. CFC 304.3.
- 7) EXITS, EXIT SIGNS, FIRE ALARM PANELS, HOSE CABINETS, FIRE EXTINGUISHER LOCATIONS, AND STANDPIPE CONNECTIONS SHALL NOT BE CONCEALED BY CURTAINS, MIRRORS, OR OTHER DECORATIVE MATERIAL.
- 8) THE EGRESS PATH SHALL REMAIN FREE AND CLEAR OF ALL OBSTRUCTIONS AT ALL TIMES. NO STORAGE IS PERMITTED IN ANY EGRESS PATHS.

PROJECT DIRECTORY

SYSTEM HOST:  
**MALAGA COUNTY  
WATER DISTRICT**  
3580 S. Frank Street  
FRESNO, CA 93725  
559.485.7319

DEVELOPER  
**SITELOGIQ**  
1512 SILICA AVENUE  
SACRAMENTO, CA 95815  
916-988-8808  
CALVIN OLSEN

ELECTRICAL ENGINEER:  
**BLMYER**  
1101 MARIANA VILLAGE PKWY  
SUITE 100  
ALAMEDA, CA 94501  
JOON SUK CHOI  
510.521.3773

GENERAL CONTRACTOR  
**BEI CONSTRUCTION INC.**  
1101 MARIANA VILLAGE PKWY  
SUITE 100  
ALAMEDA, CA 94501  
TYLER FROATS  
(510) 521-3792

ARCHITECT & DESIGN  
PROFESSIONAL IN CHARGE:  
**MMPV DESIGN, INC.**  
718 W ARBOR DR  
SAN DIEGO, CA 92103  
619.632.2883  
AOR: MARIANA MONCADA

STRUCTURAL ENGINEER:  
**TKJ STRUCTURAL ENGINEERING**  
9820 WILLOW CREEK RD #490  
SAN DIEGO, CA 92131  
858.649.1700  
YESENIA GRAMAJO

GEOTECHNICAL ENGINEER:  
**GEO-ENGINEERING SOLUTIONS, INC.**  
2570 SAN RAMON VALLEY BLVD  
SUITE #A102  
SAN RAMON, CA 94583  
925.433.0450  
COLIN FROST

SCOPE OF WORK

WORK CONSISTS OF INSTALLING (1) PHOTOVOLTAIC (PV) SOLAR POWER ARRAY OVER AN EXISTING GRASS AREA & EXISTING ASPHALT PAVED PARKING LOT. SOLAR POWER SYSTEM CONSISTS OF EQUIPMENT, PV MONITORING AND METERING COMMUNICATIONS AND POWER INTERCONNECT TO THE UTILITY GRID.

TOTAL MODULE COUNT: 102  
KILOWATTS DC: 44.4 kW  
TOTAL ARRAYS: 1

DEFERRED SUBMITTALS: NONE

NEW PHOTOVOLTAIC ARRAY CODE ANALYSIS													
SYSTEM DESCRIPTION: Module Type CS6W-540MB-AG (2132MM X 1048MM X 30MM) 28.4 kg													
Array Name	Array		Total Modules	kW DC	No. of Cols	Minimum Clear Height	Azimuth	SOUTH Tilt	Occupancy	Const. Type	Area	Allowable Area	
A1	7	x 26	182	79.17	3	14'-0"	180 °	7 °	UTILITY	I-B	5,096 SF	-	
TOTALS:			182	79.2	3	TOTAL AREA ARRAY 'A':					5,096 SF	-	
											TOTAL PROJECT AREA:	5,096 SF	14500
SHEET NOTES													
1. SEE SHEET A1.0 FOR ARRAY DIMENSIONS													
2. NOT USED													
3. SEE ELECTRICAL SITE PLAN FOR POC INFORMATION AND LOCATION													
4. ARROWS ON PLAN POINT TO LOW SIDE OF CANOPY													

SITE INFORMATION

PROJECT ADDRESS: 3582 S WINERY RD, FRESNO, CA 93725  
APN:331-020-41T  
JURISDICTION: FRESNO COUNTY

DRAWING INDEX

SHEET # SHEET TITLE

ARCHITECTURAL DRAWINGS

MC-A0.0 TITLE SHEET  
MC-A1.0 SITE PLAN & FIRE ACCESS PLAN  
MC-A1.1 COLUMN PLAN  
MC-A1.2 ENLARGED SITE PLAN

STRUCTURAL DRAWINGS

S100 GENERAL STRUCTURAL NOTES  
S200 FRAMING PLAN & SCHEDULE  
S300 SECTION-7X  
S400 FOUNDATION & ANCHORAGE DETAILS  
S500 STEEL DETAILS

5 SHEETS

ELECTRICAL DRAWINGS

E1.0 GENERAL ELECTRICAL NOTES  
E2.0 SINGLE-LINE DIAGRAM  
E2.1 THREE-LINE DIAGRAM  
E3.0 ELECTRICAL SITE PLAN  
E5.0 LIGHTING SITE PLAN  
E5.1 LIGHTING LINE DIAGRAM  
E5.2 T24 COMPLIANCE  
E7.0 ELECTRICAL DETAILS  
E7.1 ELECTRICAL DETAILS  
E7.2 ELECTRICAL DETAILS  
E9.0 WARNING LABELS  
E9.1 SITE DIRECTORY  
E10.0 EQUIPMENT SPECIFICATIONS

13 SHEETS

SYSTEM HOST



3580 S. FRANK ST  
FRESNO, CA 93725  
559-485-7353

SYSTEM DEVELOPER



1512 SILICA AVE  
SACRAMENTO, CA 95815  
916-988-8808

ELECTRICAL CONSTRUCTORS AND ENGINEERS



1101 MARINA VILLAGE PKWY  
ALAMEDA, CA 94501  
510-521-3773

STRUCTURAL ENGINEERING AND STEEL CONSTRUCT



10620 TREENA STREET, STE 140  
SAN DIEGO, CA 92131  
562-283-2970

ARCHITECT OF RECORD

M M P V d e s i g n

Mariana Moncada, Architect  
718 West Arbor Drive  
San Diego, CA 92103  
619.632.2883

ARCHITECT / ENGINEER OF RECORD

PROJECT

MALAGA COMMUNITY PARK & RECREATION CENTER

3582 S WINERY AVE  
FRESNO, CA 93725

NO.	REVISION	DATE
DATE:		
07.14.23		

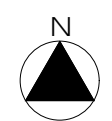
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TITLE SHEET

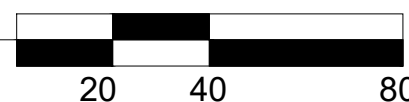
SHEET NO.:

MC-A0.0



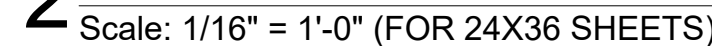
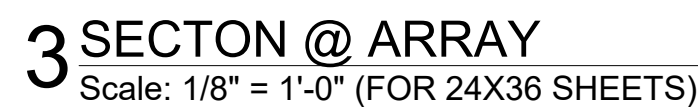


Scale: 1" = 40' (FOR 24X36 SHEETS)



SHEET NOTES	
1.	SEE SHEET A1.0 FOR ARRAY DIMENSIONS
2.	NOT USED
3.	SEE ELECTRICAL SITE PLAN FOR POC INFORMATION AND LOCATION
4.	ARROWS ON PLAN POINT TO LOW SIDE OF CANOPY

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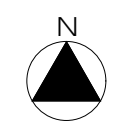
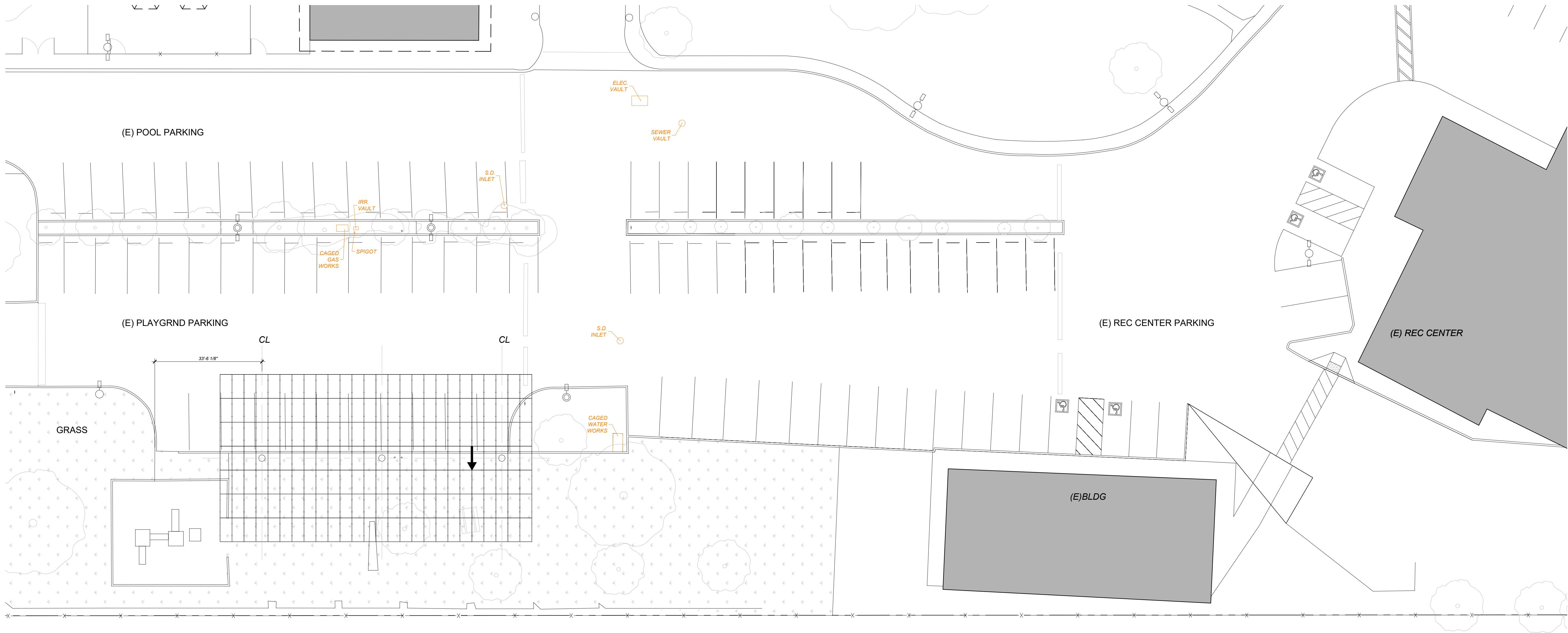


ARCHITECT / ENGINEER OF RECORD

SHEET NO.:

# MC-A1.0





**1** PARKING PLAN  
Scale: 1/16" = 1' (FOR 24X36 SHEETS)



3580 S. FRANK ST  
FRESNO, CA 93725  
559-485-7353

SYSTEM DEVELOPER



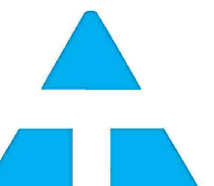
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ELECTRICAL CONSTRUCTORS AND ENGINEERS



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STRUCTURAL ENGINEERING AND STEEL CONSTRUCT



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PROJECT

**MALAGA COMMUNITY  
PARK & RECREATION  
CENTER**

3582 S WINERY AVE  
FRESNO, CA 93725

NO.	REVISION	DATE
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DATE:	07.14.23
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SHEET TITLE

**ENLARGED  
PARKING PLAN**

SHEET NO.:

**MC-A1.2**



# GENERAL STRUCTURAL NOTES

## DESIGN CRITERIA

**BUILDING CODE:** 2022 CALIFORNIA BUILDING CODE, REFERRED TO AS "THE CODE"  
**GOVERNING JURISDICTION:** CITY OF FRESNO, CA  
**OCCUPANCY TYPE:** S-2

**ROOF LIVE LOADS:**  
DISTRIBUTED = 12 PSF \*  
POINT LOAD = 300 LBS \*\*

\* NON-CONCURRENT W/ PV PANEL DEAD LOAD & WIND LOAD  
\*\* CONCURRENT W/ PV PANEL DEAD

**SNOW LOADS:**  
MAXIMUM GROUND SNOW LOAD = 0 PSF

**WIND ANALYSIS:** DIRECTIONAL PROCEDURE PER ASCE 7, CHAPTER 27  
BASIC WIND SPEED, V = 93 MPH  
WIND EXPOSURE = CATEGORY C  
RISK CATEGORY = II  
GUST EFFECT FACTOR, G = 0.85  
INTERNAL PRESSURE COEFFICIENT, GCpi = ±0

**SEISMIC CRITERIA:**  
SITE CLASSIFICATION = D  
RISK CATEGORY = II  
SEISMIC DESIGN CATEGORY = D  
SEISMIC ANALYSIS: ASCE 7-16, CHAPTER 15  
SEISMIC FORCE-RESISTING SYSTEM = INVERTED PENDULUM  
RESPONSE MODIFICATION COEFFICIENT, R = 2.0  
SYSTEM OVERSTRENGTH FACTOR, Qo = 2.0  
DEFLECTION AMPLIFICATION FACTOR, Cd = 2.0  
SEISMIC IMPORTANCE FACTOR, IE = 1.0  
REDUNDANCY FACTOR, ρ = 1.0 longitudinal  
REDUNDANCY FACTOR, ρ = 1.3 transverse  
Ss = 0.602g, Sds = 0.529g  
SI = 0.231g  
SEISMIC BASE SHEAR.....Cs = 0.2645W

## GENERAL

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO STARTING CONSTRUCTION. DO NOT SCALE THE DRAWINGS. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES. SUBMIT CLARIFICATION REQUEST PRIOR TO PROCEEDING WITH WORK.
- ALL DRAWINGS ARE CONSIDERED TO BE A PART OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL DRAWINGS PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES THAT OCCUR SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO START OF CONSTRUCTION SO THAT A CLARIFICATION CAN BE ISSUED. ANY DEVIATION FROM THE APPROVED SET OF CONTRACT DOCUMENTS SHALL ONLY BE MADE AFTER WRITTEN APPROVAL BY THE ENGINEER OF RECORD. ANY WORK PERFORMED IN CONFLICT WITH THE CONTRACT DOCUMENTS OR ANY CODE REQUIREMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
- NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE GIVEN, CONSTRUCTION SHALL BE AS SHOWN FOR SIMILAR WORK. UNLESS NOTED OTHERWISE, DETAILS IN STRUCTURAL DRAWINGS ARE TYPICAL AS INDICATED BY CUTS, REFERENCES OR TITLES.
- ALL WORK SHALL CONFORM TO THE MINIMUM STANDARDS OF THE FOLLOWING LOCAL BUILDING CODE, AND ANY OTHER REGULATING AGENCIES WHICH HAVE AUTHORITY OVER ANY PORTION OF THE WORK AND THOSE CODES AND STANDARDS LISTED IN THESE NOTES AND SPECIFICATIONS.
- THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING, SHORING FOR LOADS DUE TO CONSTRUCTION EQUIPMENT, ETC. OBSERVATION VISITS TO THE SITE BY THE STRUCTURAL ENGINEER SHALL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS.
- ALL REFERENCED STANDARDS (I.e. ACI, AISC, ASTM, ETC.) SHOWN IN THESE DOCUMENTS SHALL BE PER THE LATEST ADOPTED EDITION AS LISTED IN CHAPTER 35 OF THE CODE.
- CONTRACTOR TO PROVIDE A LIST OF ALL PROPOSED SUBSTITUTIONS, WITH APPLICABLE MANUFACTURER'S LCI/APIMO REPORTS, TO ARCHITECT, ENGINEER OF RECORD AND GOVERNING JURISDICTION FOR REVIEW AND APPROVAL BEFORE FABRICATION.

## POST-INSTALLED CONCRETE ANCHORS

- POST-INSTALLED ANCHORAGE SHALL BE AS DETAILED ON THE PLANS. SUBSTITUTION OF PRODUCTS SPECIFICALLY DETAILED IN THESE DRAWINGS SHALL NOT BE ALLOWED WITHOUT WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER OF RECORD.
- SPECIAL INSPECTION IS REQUIRED FOR ALL POST-INSTALLED ANCHORS, U.N.O.
- WHERE ANCHOR TYPE IS NOT NOTED OR AN ALTERNATE BRAND IS PREFERRED, THE FOLLOWING PRODUCTS ARE ACCEPTABLE TO BE SUBMITTED FOR A SUBSTITUTION REQUEST:

### EXPANSION ANCHORS

- HILTI KWIK BOLT TZ (ICC ESR-1917)
- SIMPSON STRONG-BOLT-Z (ICC ESR-3037)
- POWERS POWER-STUD +SD2 (ICC ESR-2502)
- ALTERNATE APPROVED BY THE SEOR

- ALL CONCRETE ANCHORS WHICH ARE EXPOSED TO THE WEATHER SHALL BE STAINLESS STEEL OR HOT DIP GALVANIZED.

## FOUNDATIONS

- FOUNDATION DESIGN BASED ON THE FOLLOWING GEOTECHNICAL REPORT: COMPANY: GEO-ENGINEERING SOLUTIONS, INC.  
DATE: FEBRUARY 1, 2023  
REPORT NUMBER: 72-1467-B

- DRILLED PIERS ARE DESIGNED BASED ON THE FOLLOWING INFORMATION: ALLOWABLE LATERAL BEARING PRESSURE = 350 PCF  
ALLOWABLE SKIN FRICTION = 400 PSF\*

\*½ ALLOWABLE INCREASE FOR TRANSIENT WIND LOADS

- DE-WATERING OF EXCAVATIONS FROM EITHER SURFACE WATER, GROUND WATER, OR SEEPAGE SHOULD BE PERFORMED, IF REQUIRED.
- FOUNDATIONS SHALL BE PLACED AND ESTIMATED ACCORDING TO DEPTHS SHOWN ON DRAWINGS. SHOULD SOIL ENCOUNTERED AT THESE DEPTHS NOT BE APPROVED BY THE INSPECTOR OR SOILS ENGINEER, FOUNDATION ELEVATIONS WILL BE ALTERED.
- FOOTING BACKFILL AND UTILITY TRENCH BACKFILL SHALL BE MECHANICALLY COMPACTED IN LAYERS IN ACCORDANCE WITH THE SOILS REPORT OR BACKFILLED WITH 2-SACK SAND CEMENT SLURRY AND APPROVED BY THE SPECIAL INSPECTOR. SOILS REPORT SHALL TAKE PRECEDENT WHEN RECOMMENDATION GIVEN.
- CONTRACTOR SHALL INVESTIGATE SITE DURING CLEARING AND EARTHWORK OPERATIONS FOR FILLED EXCAVATIONS OR BURIED STRUCTURES, SUCH AS CESSPOOLS, CISTERNS, FOUNDATIONS, ETC. IF ANY SUCH STRUCTURES ARE FOUND, STRUCTURAL ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
- SOIL REMOVAL AND RECOMPACTION SHALL BE PER THE SOILS REPORT AND APPROVED CONTRACT DOCUMENTS.
- THE DRILLED PIERS MUST BE INSPECTED BY THE SOILS ENGINEER PRIOR TO PLACING CONCRETE AND REINFORCING STEEL. ADJUST SHAFT LENGTHS UNDER DIRECTION OF THE SOILS ENGINEER AND THE OWNER'S REPRESENTATIVE BASED ON SOIL CONDITIONS AT TIME OF DRILLING. PRECAUTIONS SHOULD BE TAKEN DURING THE INSTALLATION OF PIERS TO MINIMIZE THE POSSIBILITY OF CAVING. PIERS SPACED CLOSER 3 PIER DIAMETERS SHOULD BE DRILLED AND FILLED ALTERNATELY, ALLOWING THE CONCRETE TO SET AT LEAST EIGHT HOURS BEFORE DRILLING AN ADJACENT HOLE.
- PIER EXCAVATIONS SHOULD BE FILLED WITH CONCRETE WITHIN 72 HOURS OR AS NOTED IN THE SOILS REPORT AFTER DRILLING AND INSPECTION, WHICHEVER IS SOONER.
- KEEP EXCAVATIONS FREE OF WATER BEFORE PLACING CONCRETE UNLESS OTHERWISE APPROVED BY THE SOILS ENGINEER. IF UNABLE TO SEAL OFF WATER FLOW, PER THE APPROVAL OF THE SOILS ENGINEER, ALLOW WATER LEVEL TO ATTAIN ITS NORMAL LEVEL AND PLACE CONCRETE BY THE TREMIE METHOD OR OTHER APPROVED METHOD.
- PLACE REINFORCING STEEL IN ONE CONTINUOUS UNIT AND ACCURATELY HOLD SECURELY IN FINAL POSITION USING CHAIRS OR SPACERS DURING CONCRETE PLACEMENT.
- AN UNREINFORCED HEIGHT OF 18 INCHES AT THE BOTTOM OF THE SHAFT IS ACCEPTABLE.
- CONSTRUCTION SHALL COMPLY WITH THE REQUIREMENTS OF ACI 336.3R, LATEST EDITION.

## CONCRETE

- ALL CONCRETE CONSTRUCTION SHALL CONFORM WITH THE CODE AND WITH THE PROVISIONS OF ACI 318 AND ACI 301.
- CONCRETE MIXES SHALL BE DESIGNED BY A QUALIFIED TESTING LABORATORY AND APPROVED BY THE STRUCTURAL ENGINEER.
  - MIX DESIGN METHODS (TEST HISTORY OR TRIAL BATCH METHOD)
    - PER THE CODE SHALL BE USED TO PROPORTION CONCRETE. SUBMIT MIX DESIGN METHOD DATA
    - MIX DESIGNS SHALL SATISFY EITHER THE SHRINKAGE CRITERIA OR THE W/C RATIO AND TOTAL WATER CRITERIA.
- SCHEDULE OF STRUCTURAL CONCRETE PERFORMANCE REQUIREMENTS:

MINIMUM CONCRETE PROPERTIES			
ELEMENT	f'c @ 28 DAYS [PSI]	MAX W/C	MAX DENSITY [PCF]
24" DIAM. PIER FOUNDATIONS	5,000	0.50	150
EQUIPMENT PADS & MISC.	3,000	0.50	150

- PORTLAND CEMENT SHALL CONFORM TO ASTM C-150 TYPE II
- AGGREGATE FOR HARDROCK CONCRETE SHALL CONFORM TO ALL REQUIREMENTS AND TESTS OF ASTM C33 AND PROJECT SPECIFICATIONS. EXCEPTIONS MAY BE USED ONLY WITH PERMISSION OF THE STRUCTURAL ENGINEER.
- CONCRETE MIXING OPERATION, ETC. SHALL CONFORM TO ASTM C94.
- PLACEMENT OF CONCRETE SHALL CONFORM TO ACI 301 AND PROJECT SPECIFICATIONS. CLEAN AND ROUGHEN TO MIN. ½" AMPLITUDE ALL CONCRETE SURFACES AGAINST WHICH NEW CONCRETE IS TO BE PLACED.
- ALL REINFORCING BARS, ANCHOR BOLTS, AND OTHER CONCRETE INSERTS SHALL BE WELL SECURED IN POSITION PRIOR TO PLACING CONCRETE. PIPES OR CONDUITS LARGER THAN 4" DIAMETER SHALL NOT BE EMBEDDED IN STRUCTURAL CONCRETE EXCEPT WHERE SPECIFICALLY PERMITTED OR APPROVED BY STRUCTURAL ENGINEER. PIPES OR CONDUITS SHALL NOT DISPLACE OR INTERRUPT REINFORCING BARS. SPACE THE PIPES OR CONDUITS SUCH THAT PROPER CONCRETE PLACEMENT AND CONSOLIDATION IS ACHIEVED.
- PROVIDE MIN. ½" CHAMFER ON ALL EXPOSED CORNERS.
- THE STEEL STRUCTURES MAY BE INSTALLED 48 HOURS AFTER THE FOUNDATIONS HAVE BEEN CAST OR AFTER CONCRETE REACHES A MINIMUM COMPRESSIVE STRENGTH OF 1,500-PSI,WHICHEVER COMES FIRST. BREAK TESTS NOT REQUIRED IF WAITING UNTIL 48 HOURS TO ERECT STEEL.

## REINFORCING STEEL

- REINFORCING BARS SHALL CONFORM TO THE REQUIREMENTS OF CHAPTER 19 OF THE CODE, ASTM A615 (A706 WHERE NOTED ON PLANS), GRADE 60 U.N.O.
- BARS SHALL BE CLEAN OF RUST, GREASE, OR OTHER MATERIALS LIKELY TO IMPAIR BOND. ALL REINFORCING BAR BENDS SHALL BE MADE COLD.
- REINFORCING BAR SPLICES SHALL, IN CONCRETE, CONFORM TO THE PROVISIONS OF ACI 318. LAP ALL HORIZONTAL BARS AT CORNERS AND INTERSECTIONS.
- BARS IN SLABS SHALL BE SECURELY SUPPORTED ON WELL-CURED CONCRETE BLOCKS OR APPROVED METAL CHAIRS, PRIOR TO PLACING CONCRETE.
- REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH ACI 315.
- COMPLETE AND DETAILED REINFORCING PLACEMENT DRAWINGS SHALL BE PREPARED AND SUBMITTED FOR REVIEW BY THE STRUCTURAL ENGINEER PRIOR TO FABRICATION IN ACCORDANCE WITH SPECIFICATIONS AND APPLICABLE CODES. THE APPROVED DRAWINGS SHALL BE AVAILABLE ON THE JOB SITE PRIOR TO PLACING OF CONCRETE.
- REBAR SPACINGS GIVEN ARE MAXIMUM ON CENTER WHETHER STATED AS "O.C." OR NOT. UNLESS A SPECIFIED LENGTH IS GIVEN, ALL REBAR IS CONTINUOUS WHETHER STATED AS "CONT." OR NOT.
- MECHANICAL BAR SPLICES (COUPLERS) SHALL BE USED WHERE SPECIFIED ON PLANS. THEY MAY ALSO BE USED AT THE CONTRACTOR'S OPTION IN LIEU OF LAP SPLICES AND WHERE REINFORCING IS SHOWN CONTINUOUS THROUGH CONSTRUCTION JOINTS. UNLESS NOTED OTHERWISE, ALL MECHANICAL BAR SPLICES SHALL BE "TYPE 2" AS DEFINED BY ACI 318.
- COUPLERS SHALL BE AND BE LENTON A2 SERIES MECHANICAL SPLICES (APIMO ERI-029), OR EQUIVALENT, AND INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS.
- CONTINUOUS INSPECTION OF CONCRETE SHALL INCLUDE INSPECTION DURING INSTALLATION OF REINFORCING STEEL. INSPECTION SHALL BE SCHEDULED SO THAT PLACEMENT OF REINFORCING STEEL, CONDUIT, SLEEVES, AND EMBEDDED ITEMS, MAY BE CORRECTED PRIOR TO THE SCHEDULED POUR
- CONCRETE PROTECTION FOR REINFORCEMENT:
  - CAST-IN-PLACE CONCRETE. THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT:

MINIMUM CONCRETE COVER		
ELEMENT	COVER	TOLERANCE (+/-)
PERMANENTLY CAST AGAINST OR PERMANENTLY EXPOSED TO EARTH	3"	¾"
EXPOSED TO EARTH OR WEATHER		
a) #6 THROUGH #18 BAR	2"	¾"
b) #5 BAR OR SMALLER	1½"	¾"
NOT EXPOSED TO WEATHER OR CAST AGAINST GROUND	¾"	¼"

## SUBMITTALS

- THE STRUCTURAL SHOP DRAWING REVIEW IS INTENDED TO HELP THE ENGINEER VERIFY THE DESIGN CONCEPT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CHECK THEIR OWN SHOP DRAWINGS.
- THE STRUCTURAL SHOP DRAWINGS WILL BE RETURNED FOR RESUBMITTAL IF A CURSORY REVIEW SHOWS MAJOR ERRORS WHICH SHOULD HAVE BEEN FOUND BY THE CONTRACTOR'S CHECKING.
- THE FOLLOWING SHOP DRAWINGS ARE NOT REQUIRED FOR SUBMITTAL FOR STRUCTURAL REVIEW:
  - SHORING AND BRACING.
  - UNSPICED REBAR AT SLAB-ON-GRADE AND SPREAD FOOTINGS.
  - FORMWORK.
  - STRUCTURAL STEEL MILL REPORTS.
- THE FOLLOWING SHOP DRAWINGS (AND CALCULATIONS WHEN APPLICABLE) ARE REQUIRED FOR SUBMITTAL FOR STRUCTURAL REVIEW:
  - CONCRETE MIX DESIGNS, INCLUDING STRENGTH TEST RESULTS
  - REINFORCING STEEL (EXCEPT WHERE NOTED BY NOTE 3 ABOVE)
  - STRUCTURAL STEEL
  - ANCHOR ROD CUT SHEET WITH DIAMETER, LENGTH, AND MATERIAL STRENGTH
  - WELDING PROCEDURE SPECIFICATIONS
- ANY SUBMITTAL OF A DETAIL SHEET WITH ADDED INFORMATION NOT SHOWN ON PLANS SHALL BE ACCOMPANIED BY LOCATION PLAN IDENTIFYING THE MEMBERS INVOLVED AND CLOUDING AROUND ADDED INFORMATION.
- THE SHOP DRAWINGS SHALL REFERENCE THE DATA OF THE DESIGN USED TO PRODUCE THE SUBMITTAL.
- CONTRACTOR/SUBCONTRACTOR TO PROVIDE DIGITAL SET OF SHOP DRAWINGS FOR REVIEW BY THE STRUCTURAL ENGINEER. DIGITAL SET WILL BE RETURNED TO THE CONTRACTOR FOR DISTRIBUTION.

## COLD FORMED STEEL

- ALL COLD-FORMED METAL FRAMING CONSTRUCTION SHALL BE IN ACCORDANCE WITH AISI S100 "SPECIFICATIONS FOR DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS"
- ALL COLD-FORMED STEEL SHALL CONFORM TO THE FOLLOWING (U.N.O.):

43 MIL / 18GA AND LIGHTER	ASTM A1003, GR 33 OR ASTM 653, GR 33
54 MIL / 16 GA AND HEAVIER	ASTM A1003, GR 55 OR ASTM 653, GR 55 MIN. Fy = 55 ksi, MIN. Fu = 70 ksi
43 MIL / 18GA AND LIGHTER	E60XX
54 MIL / 16 GA AND HEVIER	E70XX OR E6013
COLD FORMED TO STRUCTURAL STEEL	E70XX LOW HYDROGEN

- WIRE TYING OF FRAMING COMPONENTS SHALL NOT BE PERMITTED.
- TEMPORARY BRACING REQUIREMENTS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL SCREWS SHALL BE FULLY DRIVEN AND PROTRUDE THE LARGER OF 3 THREADS OR 1/4" THROUGH THE LAST MATERIAL JOINED. THERE SHALL BE NO SPACE BETWEEN JOINING MEMBERS AT THE SCREW LOCATION.
- ALL FIELD CUTTING OF MEMBERS SHALL BE BY SAWING OR SHEARING. TORCH OR PLASMA CUTTING OF MEMBERS SHALL NOT BE PERMITTED.
- ALL FRAMING COMPONENTS SHALL BE CUT SQUARELY FOR ATTACHMENT TO PERPENDICULAR MEMBERS OR AS REQUIRED ON AN ANGULAR FIT AGAINST ABUTTING MEMBERS. MEMBERS SHALL BE HELD POSITIVELY IN PLACE UNTIL PROPERLY FASTENED.
- SPLICING OF PURLINS OR OTHER LOAD CARRYING MEMBERS SHALL NOT BE PERMITTED UNLESS SPECIFICALLY APPROVED BY THE ENGINEER OF RECORD.
- WHEN CLIP ANGLES WITH SCREW CONNECTIONS ARE USED TO ATTACH A COMPONENT TO THE PRIMARY STRUCTURE, THE CLIP ANGLE SHALL BE FASTENED TO THE PRIMARY STRUCTURE FIRST, THEN THE COMPONENT SHALL BE BROUGHT TO BEAR ON THE STRUCTURE AND FASTENED TO THE CLIP ANGLE.
- MEMBERS SHALL BE IDENTIFIED PER SECTION 2203.1 OF 2016 CBC PART 2, VOL. 2.
- ALL EXTERIOR SCREWS SHALL BE ELCO DRIL-FLEX (ICC ESR-3332) OR ITW BULDEX TEKS SELECT (ICC ESR-3223) UNLESS APPROVED BY THE SEOR.

## STRUCTURAL INSPECTION AND TESTING

THE FOLLOWING ELEMENTS OF CONSTRUCTION SHALL REQUIRE SPECIAL INSPECTION PER CHAPTER 17 OF THE CODE. U.N.O.

SPECIAL INSPECTIONS AND TESTING SHALL BE PROVIDED BY AN INSPECTION AGENCY, EMPLOYED BY THE OWNER, AND QUALIFIED BY THE BUILDING OFFICIAL TO INSPECT THE PARTICULAR TYPE OF CONSTRUCTION. TESTS AND INSPECTIONS, AS REQUIRED BY SECTIONS 110 & 1705 OF THE 2016 CBC W/ CALIFORNIA AMENDMENTS, SHALL BE PERFORMED DURING CONSTRUCTION ON THE TYPES OF WORK LISTED BELOW:

TESTING AND INSPECTION		
	INSPECTIONS	TESTING
STEEL CONSTRUCTION	1706.2	1705.13
CONCRETE CONSTRUCTION	1705.3	1705.3
SOILS	1705.6	
CAST IN PLACE DEEP FOUNDATIONS	1705.8	

- THE SPECIAL INSPECTIONS IDENTIFIED ON PLANS ARE, IN ADDITION TO, AND NOT A SUBSTITUTE FOR, THOSE INSPECTIONS REQUIRED TO BE PERFORMED BY THE GOVERNING JURISDICTION. SPECIALLY INSPECTED WORK WHICH IS INSTALLED OR COVERED WITHOUT THE APPROVAL OF AN INSPECTOR FROM THE GOVERNING JURISDICTION IS SUBJECT TO REMOVAL OR EXPOSURE.
- FOR CONTINUOUS INSPECTION, WHEN WORK IN MORE THAN ONE CATEGORY OF WORK REQUIRING SPECIAL INSPECTION IS TO BE PERFORMED SIMULTANEOUSLY, OR THE GEOGRAPHIC LOCATION OF THE WORK IS SUCH THAT IT CANNOT BE CONTINUOUSLY OBSERVED IN ACCORDANCE WITH THE PROVISIONS OF THE CODE, IT IS THE AGENT'S RESPONSIBILITY TO EMPLOY A SUFFICIENT NUMBER OF INSPECTORS TO ASSURE THAT ALL WORK IS INSPECTED IN ACCORDANCE WITH THOSE PROVISIONS.
- THE SPECIAL INSPECTORS MUST BE CERTIFIED BY THE GOVERNING JURISDICTION IN THE CATEGORY OF WORK REQUIRED TO HAVE SPECIAL INSPECTION. EXCEPTIONS:
  - SOILS INSPECTIONS BY THE SOILS ENGINEER OF RECORD OR PROJECT INSPECTOR
  - WHEN WAIVED BY THE GOVERNING JURISDICTION
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM THE OWNER'S REPRESENTATIVE, SPECIAL INSPECTOR OR INSPECTION AGENCY AT LEAST TWO WORKING DAYS PRIOR TO PERFORMING ANY WORK THAT REQUIRES SPECIAL INSPECTION. ALL WORK PERFORMED WITHOUT REQUIRED SPECIAL INSPECTION IS SUBJECT TO REMOVAL.
- PROVIDE SPECIAL INSPECTION FOR CONNECTIONS BOLTED WITH A325 AND A490 BOLTS. INSPECTIONS SHALL BE DONE PER APPROVED NATIONALLY RECOGNIZED STANDARDS AND THE REQUIREMENTS OF THE CODE AND THE GOVERNING JURISDICTION. WHILE THE WORK IS IN PROGRESS, THE SPECIAL INSPECTOR SHALL DETERMINE THE BOLTS, NUTS, WASHERS AND PAINT, BOLTED PARTS, AND INSTALLATION AND TIGHTENING MEET THE STANDARDS REQUIREMENTS.
- THE SPECIAL INSPECTOR FOR HIGH STRENGTH BOLTED CONNECTIONS SHALL:
  - OBSERVE THE CALIBRATION PROCEDURES WHEN SUCH PROCEDURES ARE REQUIRED BY THE PLANS OR SPECIFICATIONS.
  - MONITOR THE INSTALLATION OF BOLTS TO DETERMINE THAT ALL PLIES OF CONNECTED MATERIALS HAVE BEEN DRAWN TOGETHER.
  - MONITOR THAT THE SELECTED PROCEDURE IS PROPERLY USED TO TIGHTEN ALL BOLTS.
- IF DEEMED NECESSARY, THE SPECIAL INSPECTOR SHALL PROVIDE PROGRESS REPORTS AND A FINAL REPORT TO THE STRUCTURAL ENGINEER.
- THE SPECIAL INSPECTOR SHALL ENSURE THAT ALL DEFICIENCIES NOTED BY THE STRUCTURAL ENGINEER IN STRUCTURAL OBSERVATION REPORTS ARE CORRECTED. SUCH COMPLIANCE SHALL BE REFERENCED IN SPECIAL INSPECTOR REPORT.
- THE CONSTRUCTION MATERIALS TESTING LABORATORY MUST BE APPROVED BY THE GOVERNING JURISDICTION, FOR TESTING OF MATERIALS, SYSTEMS, COMPONENTS AND, EQUIPMENTS.
- PERIODIC INSPECTION SHALL OCCUR FREQUENTLY ENOUGH TO INSPECT ALL OF THE INSTALLED ITEMS AND TO PERIODICALLY WITNESS THE INSTALLATION OF THE ITEMS.

## STRUCTURAL STEEL

- STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED, AND ERECTED IN ACCORDANCE WITH AISC 360 AND AISC 303.
- ALL STRUCTURAL STEEL SHALL CONFORM TO THE ASTM DESIGNATION AS INDICATED BELOW (U.N.O.):

MINIMUM MATERIAL PROPERTIES	
ELEMENT	ASTM
BASE PLATES & CAP PLATES	A572, GR 50
ALL OTHER PLATES	A36, GR 36 OR DUAL GRADE
WF MATERIAL	A992, GR 50
HSS MATERIAL	A500, GR C
STRUCTURAL PIPES	A53, GR B
HIGH STRENGTH BOLTS	A325
MACHINE BOLTS	A307
ANCHOR BOLTS	F1554, GR 105

- THE STRUCTURAL STEEL FABRICATOR SHALL FURNISH SHOP DRAWINGS OF ALL STEEL FOR STRUCTURAL ENGINEER'S REVIEW BEFORE FABRICATION.
- HOLES IN STEEL SHALL BE 1/16" LARGER DIAMETER THAN NOMINAL SIZE OF BOLT USED, EXCEPT AS NOTED. COLUMN BASE PLATE HOLES MAY BE OVERSIZED PER AISC MANUAL OR AS NOTED.
- ALL STRUCTURAL STEEL SURFACES THAT ARE ENCASED IN CONCRETE, MASONRY, OR SPRAY ON FIREPROOFING, OR ARE ENCASED BY BUILDING FINISH, SHALL BE LEFT UNPAINTED.
- ALL STRUCTURAL STEEL AND MISCELLANEOUS METAL EXPOSED TO THE WEATHER SHALL BE HOT DIP GALVANIZED OR PAINTED AFTER FABRICATION, U.N.O.
- GALVANIZING AT FIELD WELDS AND DAMAGE SHALL BE REPAIRED WITH A GALVANIZING REPAIR PAINT ACCORDING TO ASTM A780.
- TIGHTEN HIGH STRENGTH BOLTS TO "SNUG-TIGHT" CONDITION PER AISC SPECIFICATION FOR STRUCTURAL JOINTS, U.N.O.
- PROVIDE BEVELED WASHERS PER ANSI B18.23.1 AS REQUIRED ON SLOPED SURFACES.
- GROUT OTHER SHALL BE NON-SHRINK, NON-METALLIC GROUT, MEETING ASTM C-1107. MIXED AND INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
- TIGHTEN ANCHOR BOLTS TO "SNUG TIGHT" CONDITION PER AISC SPECIFICATIONS, U.N.O.
- WELDING:
  - ALL WELDING IS TO BE DONE BY CERTIFIED WELDERS USING E70XX ELECTRODES (U.N.O.).
  - WELD LENGTHS CALLED FOR ON PLANS ARE THE NET EFFECTIVE LENGTH REQUIRED, WHERE FILLET WELD SYMBOL IS GIVEN WITHOUT INDICATION OF SIZE, USE MINIMUM SIZE WELDS AS SPECIFIED IN AISC 360.
  - WELDS TERMINATING AT ENDS OR SIDES, WHERE PRACTICAL, SHALL BE RETURNED CONTINUOUSLY AROUND CORNERS A DISTANCE 2 TIMES THE NOMINAL SIZE OF THE WELD PER AISC 360 SECTION J2.2B, U.N.O.
  - ALL FULL-PENETRATION FIELD WELDS SHALL BE ULTRASONICALLY TESTED.
  - ALL TWO-SIDED FILLET WELDS SHOWN SHALL BE WELDED WITH THE SAME (GIVEN) WELD SIZE ON BOTH SIDES.
  - ALL UNSIZED GROOVE OR BUTT WELDS SHOWN SHALL BE COMPLETE PENETRATION.
  - ALL PROVISIONS OF AWS SHALL BE OBSERVED INCLUDING REQUIREMENTS FOR BACK-UP PLATES AND WELD TRANSITIONS WHETHER OR NOT THEY ARE SPECIFICALLY SHOWN.
  - A WRITTEN WELDING PROCEDURE SPECIFICATION SHALL BE SUBMITTED TO THE TESTING LABORATORY. IT SHALL INCLUDE ALL WELDING PROCEDURES TO BE USED AS DESCRIBED IN AWS, CHAPTER 4.
  - WHERE FIELD WELDING IS INDICATED, THE FIELD DESIGNATION IS GIVEN AS A RECOMMENDATION ONLY.

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S500	STEEL DETAILS

SYSTEM HOST



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M M P V d e s i g n

Mariana Moncada, Architect  
718 West Arbor Drive  
San Diego, CA 92103  
619.632.2883

ARCHITECT / ENGINEER OF RECORD

PROJECT

## MALAGA COMMUNITY PARK & RECREATION CENTER

3582 S WINERY AVE  
FRESNO, CA 93725

NO.	REVISION	DATE

DATE:

07.14.23

SHEET TITLE

## GENERAL STRUCTURAL NOTES

SHEET NO.:

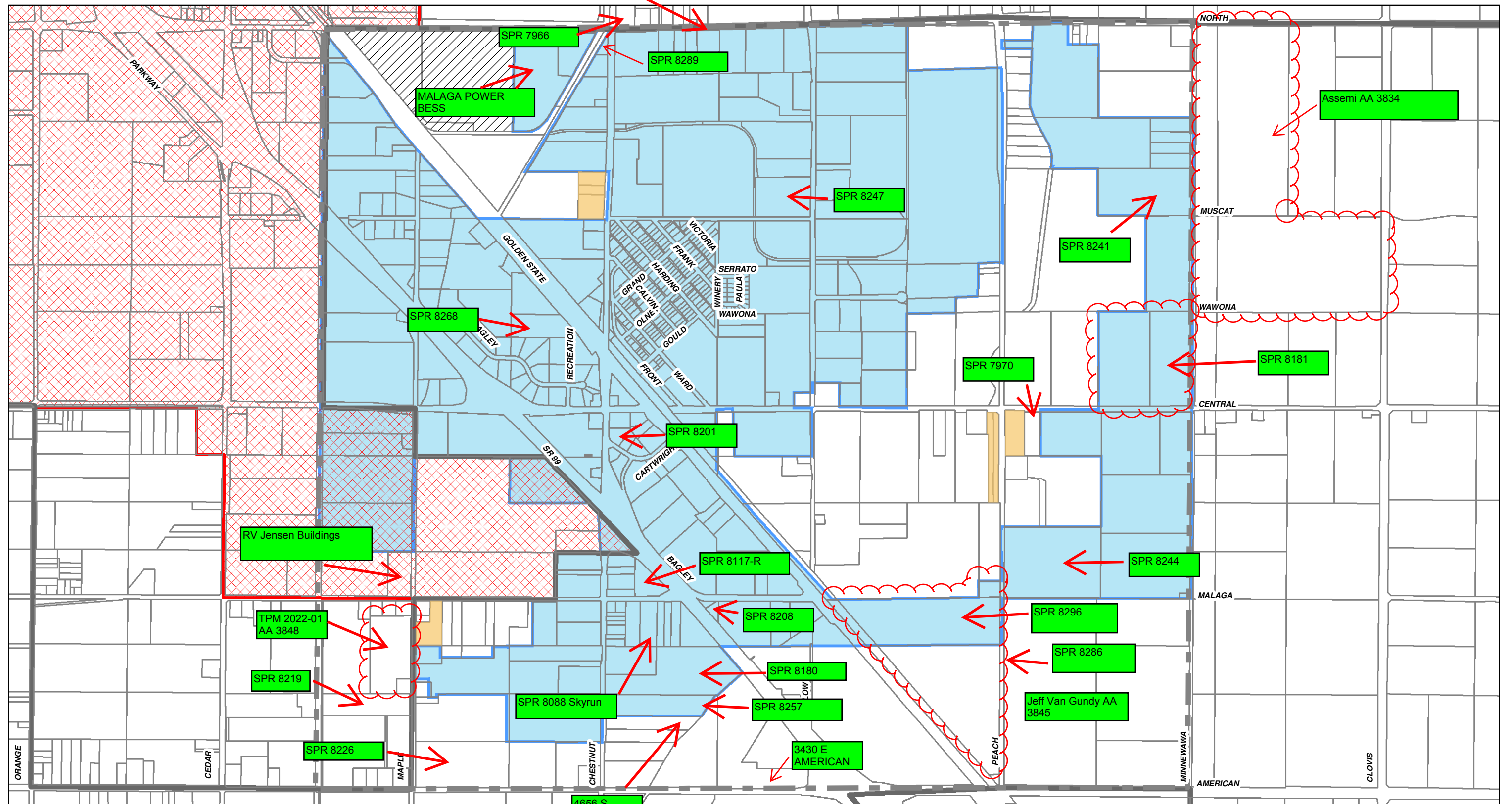
# S100







item 10.b.



0 0.125 0.25 Miles

**PROVOST & PRITCHARD**  
EST. 1968  
CONSULTING GROUP  
An Employee Owned Company

286 W. Cromwell Ave.  
Fresno, CA 93711-6162  
(559) 449-2700

**MALAGA COUNTY WATER DISTRICT**  
**DISTRICT BOUNDARY**  
**JULY 2016**

- Malaga CWD Boundary
- Malaga CWD SOI (LAFCo)
- MCWD Out of District Service
- Fresno City Limits
- Fresno SOI
- Fresno County Parcel
- Served by the City of Fresno

June 26, 2023

**Moises Ortiz, District Manager**  
Malaga County Water District  
3580 S. Frank Avenue  
Fresno, CA 93725



Dear *Moises Ortiz,*

Thank you very much for being a valued customer of Industrial Waste and Salvage, a Caglia Environmental Company. We value your business and will continually strive to provide the highest level of customer service. As is the case with many industries, the cost of providing services to our most valued clients, like the Malaga County Water District, has increased and we are forced to implement a nominal price adjustment, as is stipulated in our contract with you:

*ARTICLE 7.3, ANNUAL RATE ADJUSTMENT*

*RESOLUTION NO. 7-24-2018A Passed and adopted by the Board of Directors of the Malaga County Water District at their meeting held on this 24<sup>th</sup> day of July, 2019.*

*...WHEREAS as a result of the changed reporting dates, the California CPI for June each year will not be available until mid-August of each year; therefore section 7.3 of the Franchise Agreement was amended to reflect the that the annual CPI adjustment would be based on the published April CPI year over year which will be published in mid-June each year and a corresponding on time change in the CPI rate adjustment calculation method for the 2018 rate year and WHEREAS the District desired and thereby amended section 7.3 of the Franchise Agreement as attached hereto as Attachment 1...*

The CPI percentage increase, based on April 2022-2023, effective August 1, 2023 is: 4.2% . For reference, please see the attached *Consumer Price Index* for the State of California.

Your business is important to us and we look forward to continue providing you with prompt, courteous and reliable service.

Should you have any questions, please contact me at your convenience.

With regards,

Keith Hester  
General Manager  
Industrial Waste and Salvage  
[khester@cagliarecycling.com](mailto:khester@cagliarecycling.com)  
(559) 417-8307 mobile  
(559) 233-1158 office





State of California  
Department of  
Industrial Relations



# Consumer Price Index Calculator

## 1. Select an Index

California

## 2. Select index type

All Urban Consumers

## 3. Select beginning month

April

## 4. Select beginning year

2022

## 5. Select ending month

April

## 6. Select ending year

2023

## Beginning Index Value

316.847

## Ending Index Value

330.049

Based upon the Index, index type, and the time period you have specified, the percent change in the Consumer Price Index is equal to:

4.2%

# item 15.a.2.

## SPORT SPONSORSHIP REQUEST LETTER

July 18, 2023

Dear Business Owner,

My name Alex Morelos, On Behalf of Euraiya Morelos I am Currently looking for Sponsors that can partner with us in achieving our goals and Objectives. Your generosity and Enthusiasm for sports have led us to believe that you are one of the people we should approach for a possibly Sponsorship. Euraiya plays in a highly competitive baseball league, He most recently has been competing in different tournaments notable one is the pony trail, His team is 14U California select All Star Team just won the Super regional tournament for the pony trail. Which now gives him & his teammates the opportunity to compete in the pony little league world series Representing California and will face the challenge to play against the top teams from other states & across the country. Sponsorship funds will be use primary for all travel expenses We Greatly Would appreciate your support in any way possible.

Thank you [\(559\)486-9787](tel:5594869787)

