



## BOARD OF DIRECTORS

Ward Roney, President      Raynette Gregory, Vice-President  
Rod Smiley, Director      Owen Davis, Director      Anthony Kalvans, Director

## SPECIAL MEETING AGENDA

### Open Session 6:00 PM - then convene to Closed Session

601 12th Street San Miguel, CA Date: 05-09-2023

**Cell Phones:** As a courtesy to others, please silence your cell phone or pager during the meeting and engage in conversations outside the Boardroom.

**Americans with Disabilities Act:** If you need special assistance to participate in this meeting, please contact the CSD Clerk at (805) 467-3388. Notification 48 hours in advance will enable the CSD to make reasonable arrangements to ensure accessibility to this meeting.

**Public Comment:** Sign in sheet at podium for public comment. Comments are **limited to three minutes**, unless you have registered your organization with CSD Clerk prior to the meeting. If you wish to speak on an item not on the agenda, you may do so under item "Public Comment and Communications for items not on the agenda". Person(s) who wish to submit written correspondence, may do so at [www.sanmiguelcsd.org](http://www.sanmiguelcsd.org). All correspondence is distributed to each Board Director and will become part of the record of that board meeting. Any member of the public may address the Board of Directors on items on the consent calendar.

**Meeting Schedule:** Regular Board of Director meetings are held on the fourth Thursday of each month at 7:00 P.M. Agendas are also posted at: [www.sanmiguelcsd.org](http://www.sanmiguelcsd.org)

**Agendas:** Agenda packets are available for public inspection 72 hours prior to the scheduled meeting at the Posting Board/ San Miguel CSD office, during normal business hours. Any agenda-related writings or documents provided to a majority of the Board of Directors after distribution of the agenda packet are available for public inspection at the same time.

1. **Call to Order**
2. **Roll Call**
3. **Approval of Special Meeting Agenda**
4. **Pledge of Allegiance**

5. **Public Comment and Communications for items not on the agenda** *Persons wishing to speak on a matter not on the agenda may be heard at this time; however, no action will be taken until placed on a future agenda. Speakers are **limited to three minutes**. Please sign in with name and address at podium.*
6. **Special Presentations/Public Hearings/Other** None
7. **Non-District Reports** None
8. **Staff & Committee Reports - Receive & File** None
9. **Consent Calendar: None** *The items listed below are scheduled for consideration as a group and one vote. Any Director may request an item be withdrawn from the Consent Agenda to discuss or to change the recommended course of action. Unless an item is pulled for separate consideration by the Board, the following items are recommended for approval without further discussion. Public Comment.*
10. **Board Action Items**
  1. Discussion on Machado WWTF site and buildings  
Discuss 30% design and status of buildings and provide feed back to the General Manager
  2. Machado Wastewater Treatment Facility Expansion change order.  
Review and Approve RESOLUTION 2023-21 approving change order 002 for the Machado Wastewater Treatment Facility expansion project.
  3. Regional Biosolid Disposal discussion  
Discuss potential regional solution to biosolid disposal
11. **Board Comment** *This section is intended as an opportunity for Board members to make brief announcements, request information from staff, request future agenda item(s) and/or report on their own activities related to District business. No action is to be taken until an item is placed on a future agenda.*
12. **Adjourn to Closed Session/Closed Session Agenda: None** *Public comment for items on closed session agenda.*
13. **Report out of Closed Session: None**
14. **Adjournment to Next Regular Meeting May 25th 2023**

ATTEST:

STATE OF CALIFORNIA                    )  
COUNTY OF SAN LUIS OBISPO    ) SS.  
COMMUNITY OF SAN MIGUEL        )

**I, Tamara Parent, Board Clerk of San Miguel Community Services District, hereby certify that I caused the posting of this agenda at the SMCSO office.**

**Date:**

**Board of Directors  
Staff Report**

**May 9, 2023**

**AGENDA ITEM: 10.1**

**SUBJECT:** Discussion on Machado WWTF site and buildings

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**SUGGESTED ACTION:** Discuss 30% design and status of buildings and provide feed back to the General Manager

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**DISCUSSION:**

Discussion on the provided design and potential costs.

The provided design is a 30% complete design meaning that the major design components are present but that it is still subject to minor changes to accommodate structural, mechanical or other code driven changes.

Once feedback is received from the Board, that feedback will be discussed with the design team and incorporated as applicable into the plans.

The design provided is based on multiple revisions comments from staff and our other involved engineering firms.

We are working on refining the site plan which may cause some of the support buildings to be relocated.

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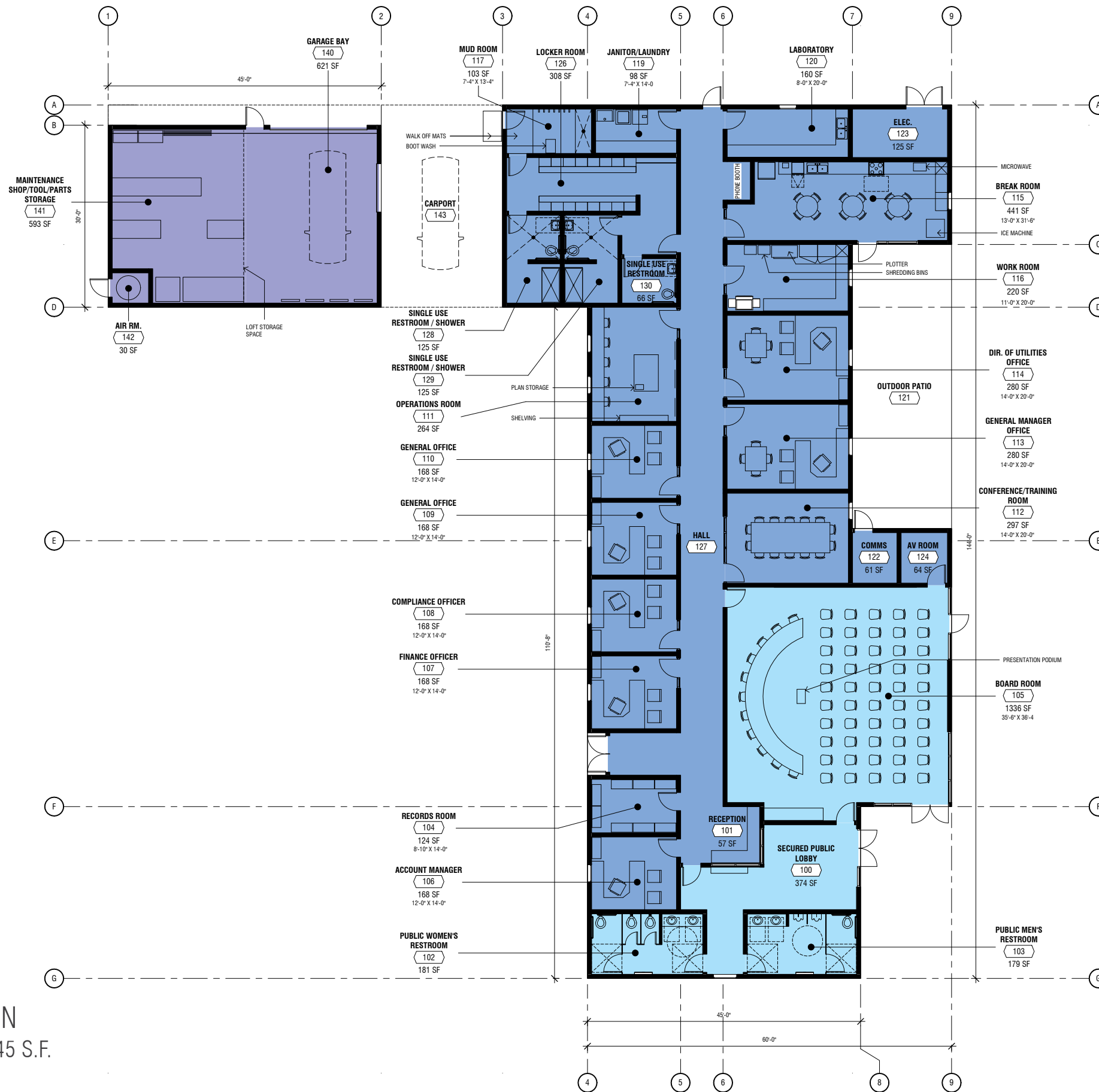
**FISCAL IMPACT:**

Cost associated with plans and site development are included in the current contract with Wallace Group Inc.

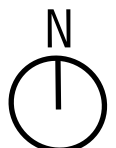
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**PREPARED BY:** Kelly Dodds

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- Department Legend**
- PRIVATE
  - PUBLIC
  - SHOP / MAINTENANCE

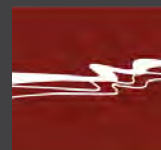


**FLOOR PLAN**  
TOTAL SF: 9,245 S.F.

30% DESIGN SUBMISSION - 230120



539 Marsh Street  
San Luis Obispo, CA  
805.541.1010  
info@tenoverstudio.com

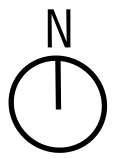
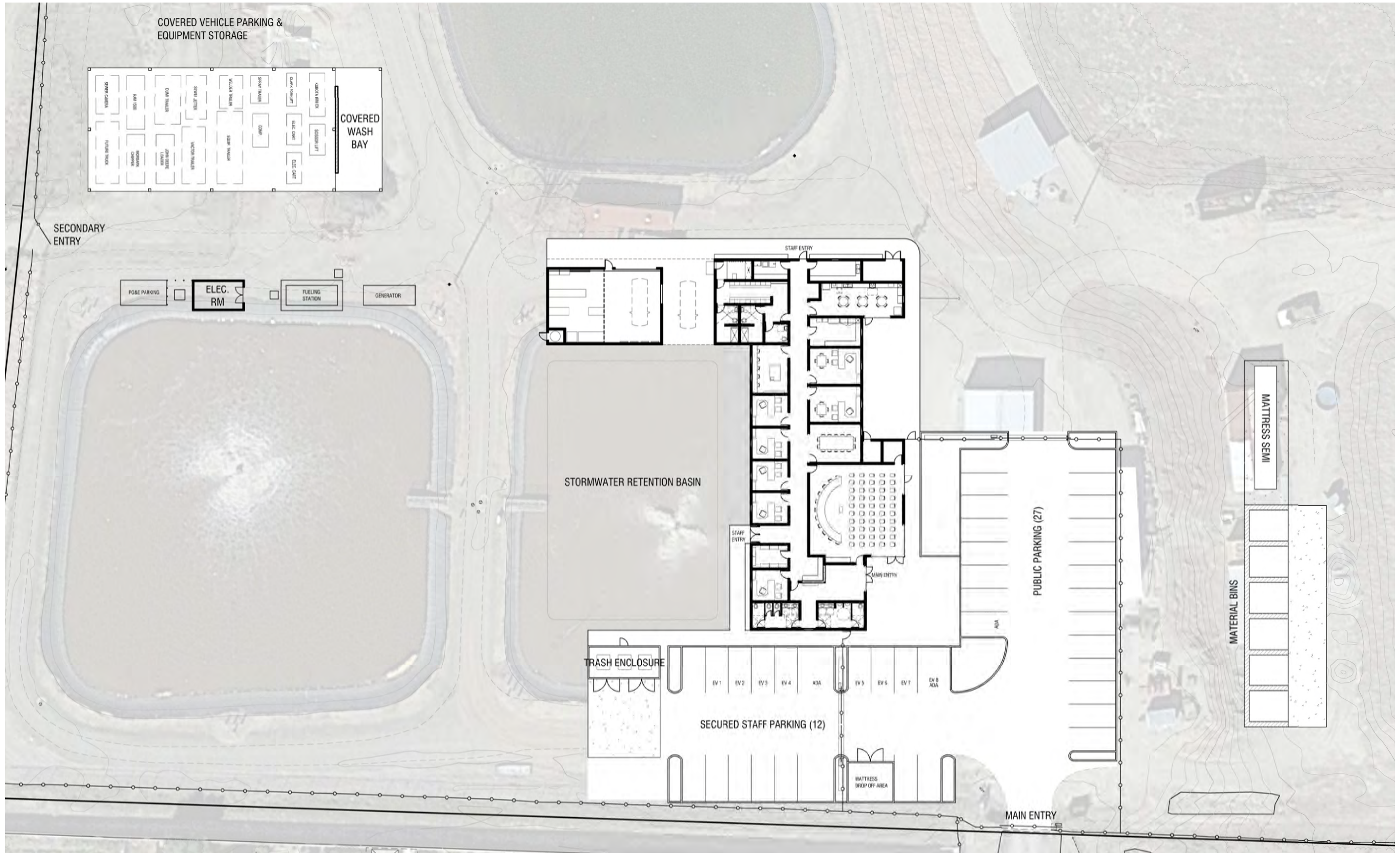


WALLACE GROUP  
612 Clarion Street  
San Luis Obispo, CA

SAN MIGUEL CSD - NEW OPERATIONS MAINTENANCE FACILITY & SHOP

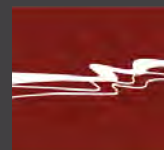
SAN MIGUEL, CA  
DATE: 01/20/2023



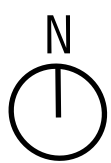
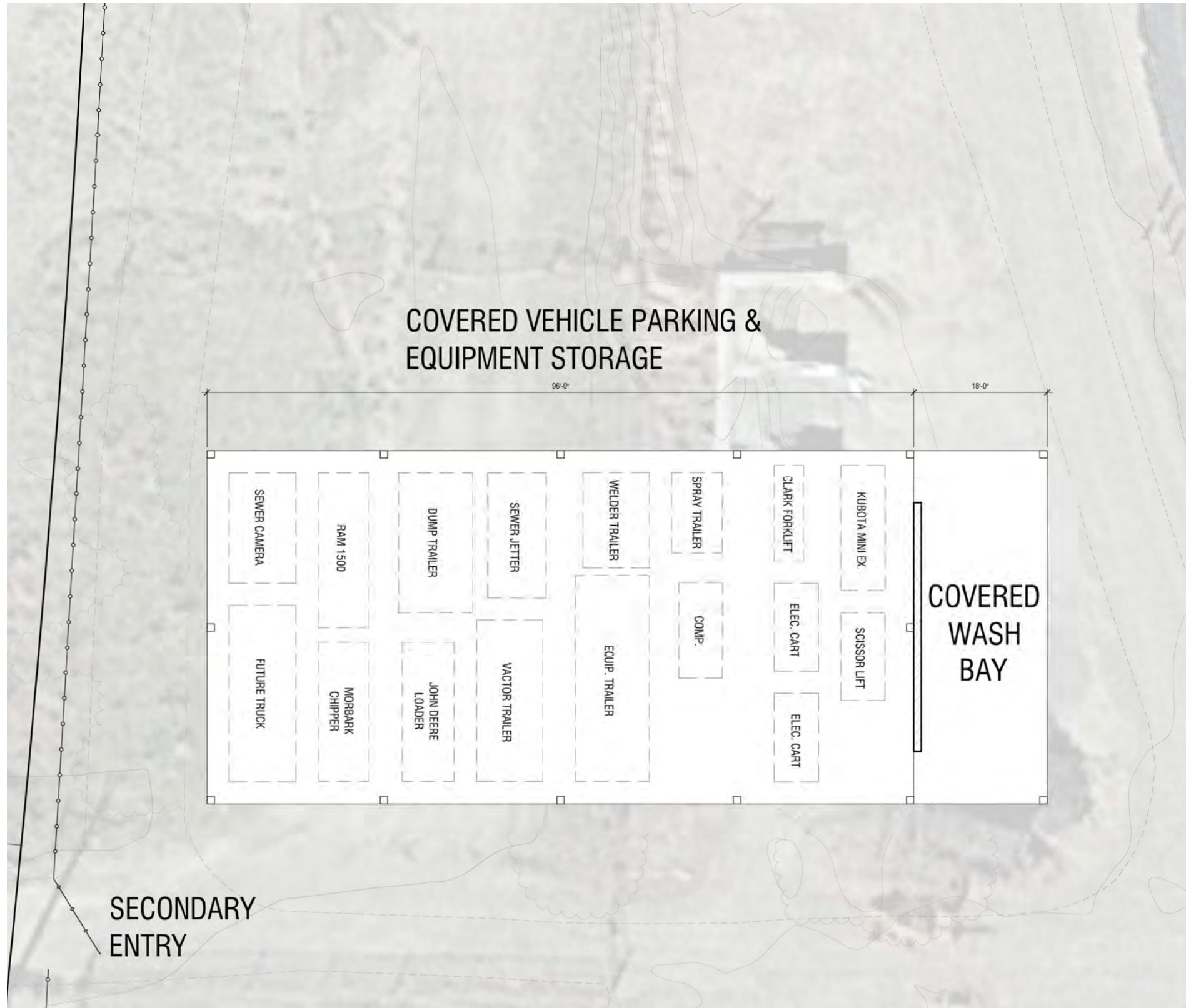


SITE PLAN

30% DESIGN SUBMISSION - 230120

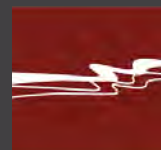






ENLARGED SITE PLAN

30% DESIGN SUBMISSION - 230120

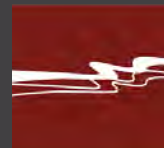






MASSING MODEL

30% DESIGN SUBMISSION - 230120

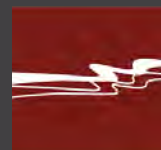




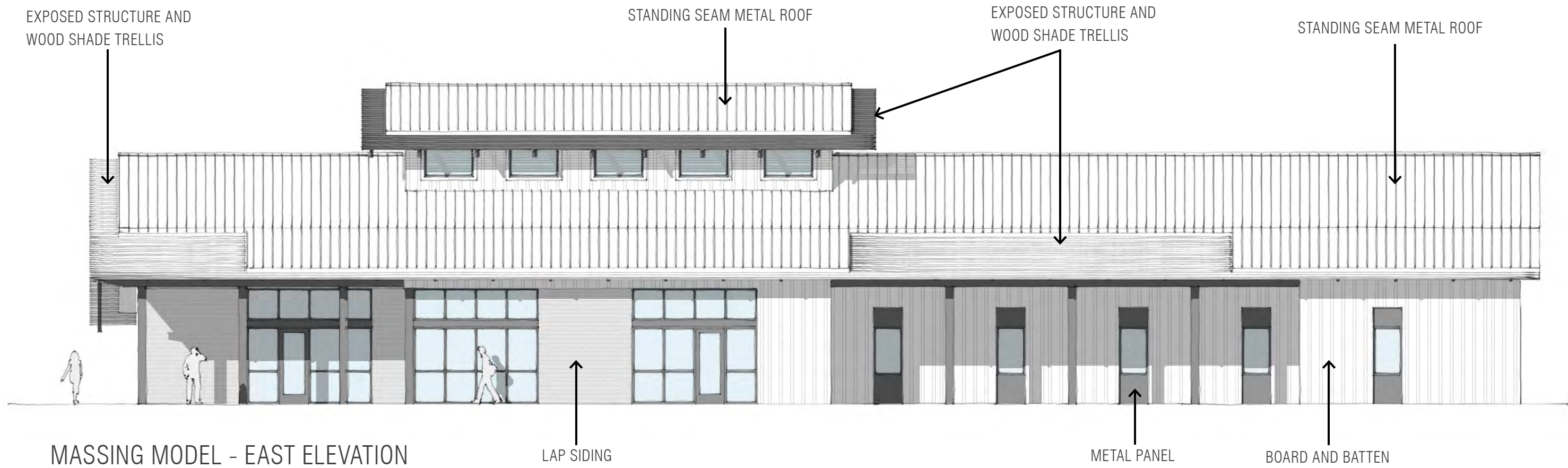


MASSING MODEL

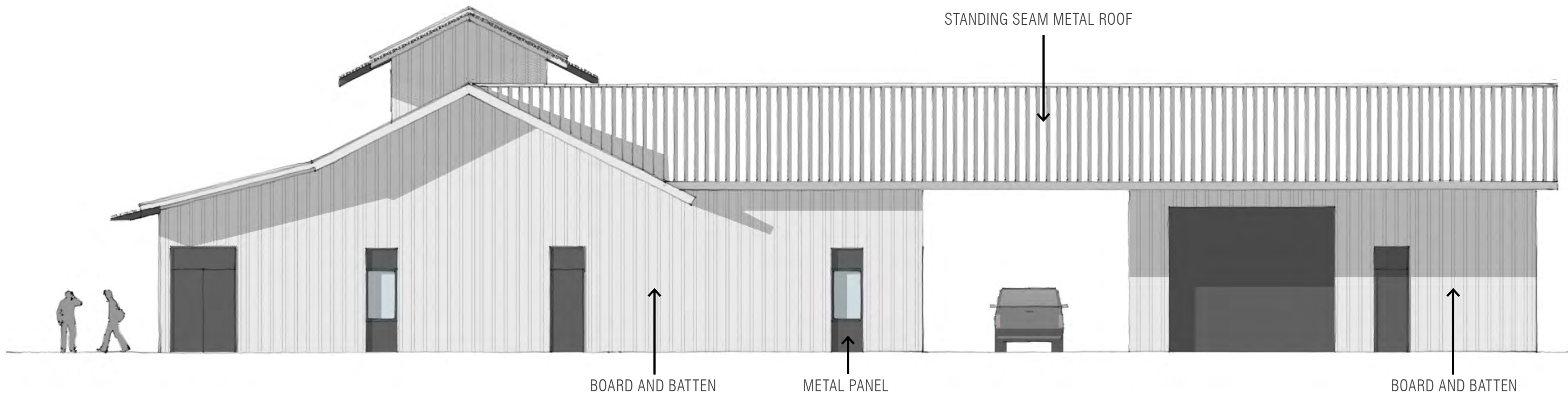
30% DESIGN SUBMISSION - 230120





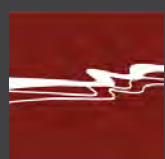


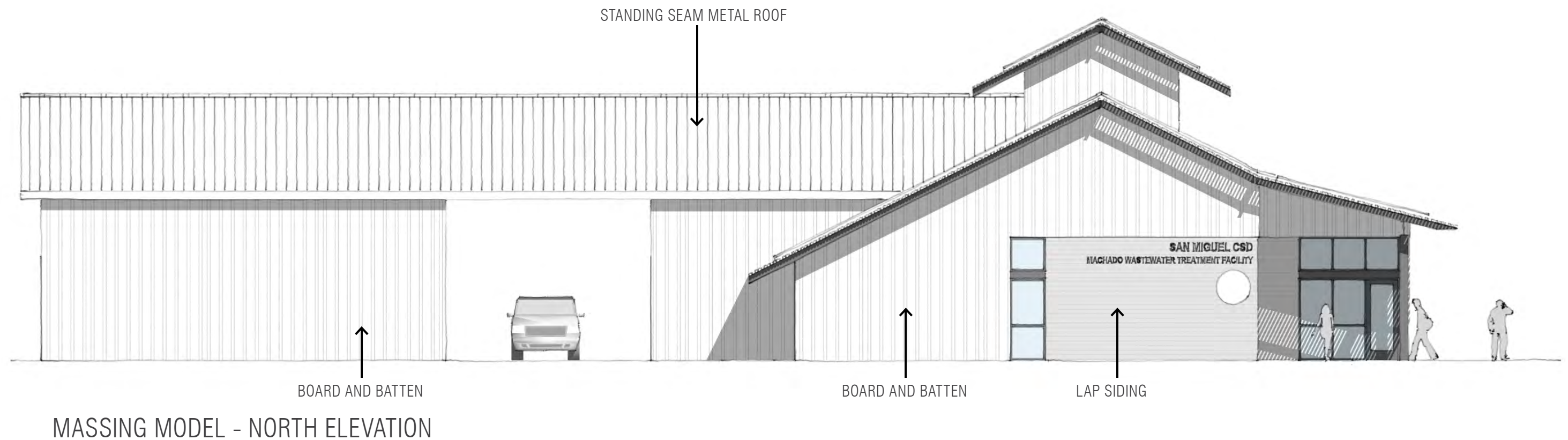
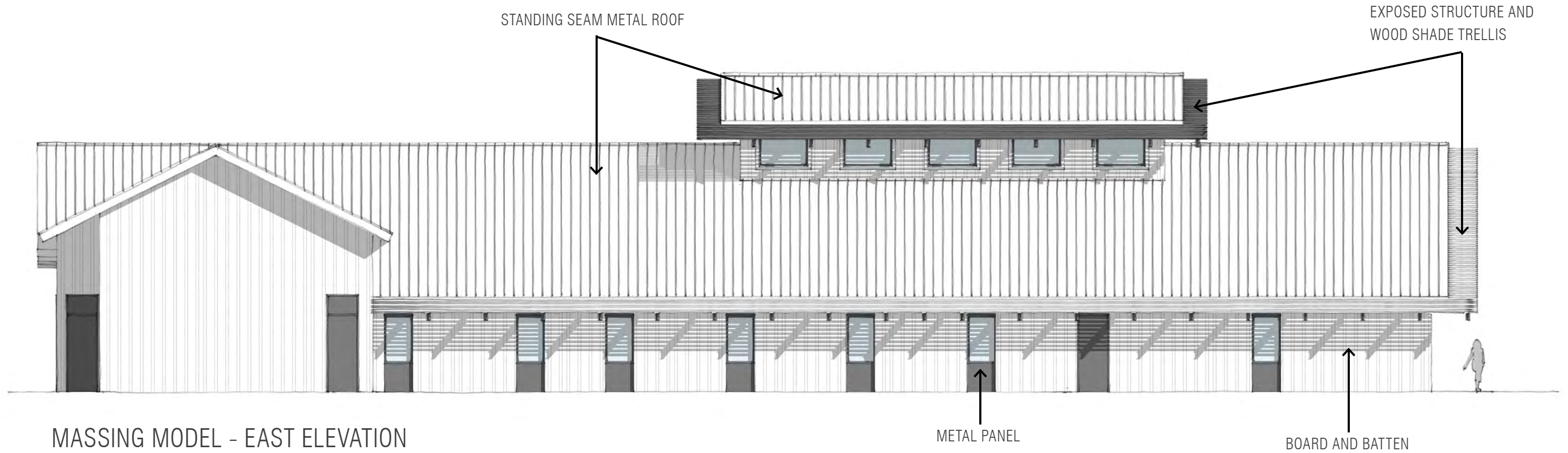
MASSING MODEL - EAST ELEVATION



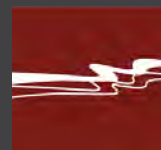
MASSING MODEL - NORTH ELEVATION

30% DESIGN SUBMISSION - 230120

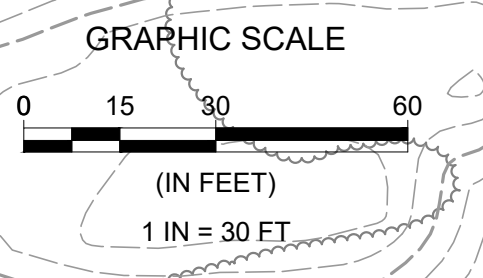
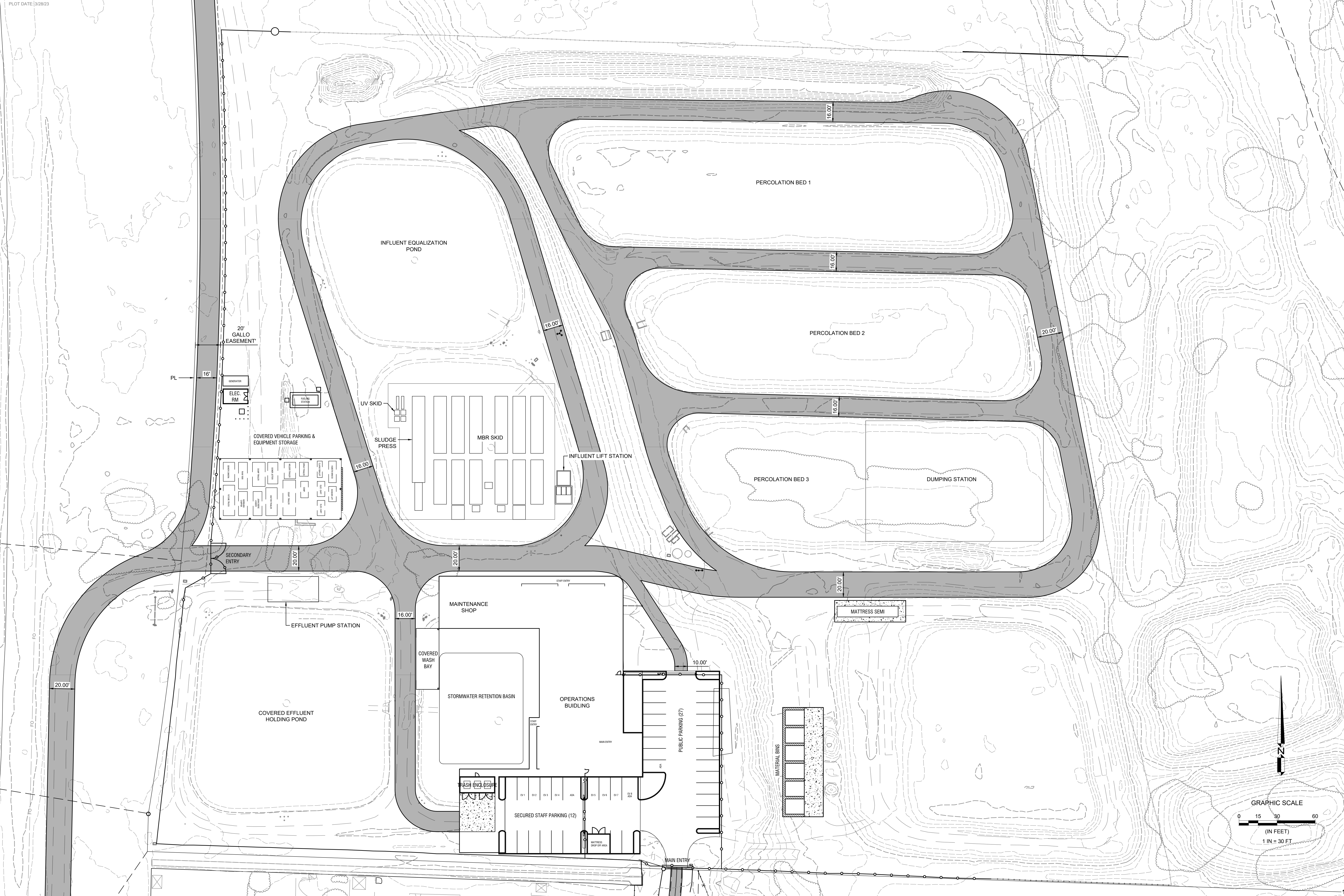




30% DESIGN SUBMISSION - 230120









## **Board of Directors Staff Report**

**May 9, 2023**

**AGENDA ITEM: 10.2**

**SUBJECT:** Machado Wastewater Treatment Facility Expansion change order.

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**SUGGESTED ACTION:** Review and Approve RESOLUTION 2023-21 approving change order 002 for the Machado Wastewater Treatment Facility expansion project.

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### **DISCUSSION:**

The District initially contracted with Cloacina and Fluid Resources Management for the design, construction and installation of a new Membrane Bio Reactor (MBR) for the Machado Wastewater Facility.

The initial contract was approved for \$6,894,512.30 was for the MBR, Sludge Handling System (DRYPAC), UV Disinfection System, assembly at the Cloacina plant, transportation, re-assembly at our plant, installation, the slab, service contract and a cache of spare parts.

Change order 01 was approved for \$1,375,279.82 which included the Headworks panels, Equalization tanks, grit and fine screens for each MBR unit, platform for the DRYPAC to protect the required chemical tanks, and an upgrade to Flygt Pumps.

In addition to the above, a separate change order was issued to allow additional time to Cloacina/ FRM to make up for the delays in the design phase. This change order FRM-01.1 was a no cost change order.

A separate contract was approved for \$250,231 for a course screen for the Headworks from Duperon. Contract not acted on.

Through the design process some additional operational and long-term cost concern have come up requiring changes to the design and systems to ensure that we have the best system from an operations standpoint but also from a cost to operate standpoint. Working with Cloacina, FRM and our engineering team several things have been proposed to reduce the overall operational cost of the plant.

Those things are:

- Changing from a standard MBR to a Bardenpho system.
- Co-location of the course screen with the grit and fine screens on the MBR and removal of the remote Duperon screen
- Enlarging the sludge tank, platform and sludge press.

All three of the above items will cost more to build but will save money in operational costs over the life of the plant which are expected to exceed their initial construction costs.

At this time Cloacina and FRM provided initial construction cost but due to the number of questions that were also raised that could not be answered we are only requesting approval for the engineering design portion of the changes so that more accurate construction and installation costs can be developed to include all the unknowns that we have currently.

The design cost are based on 5% of the projected construction and installation costs. Estimated change costs is \$789,936.48, and 5% of the estimated changes are \$39,496.82.

The engineering costs will be applied toward the total change costs when those changes are approved.

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**FISCAL IMPACT:**

Increase of \$39,496.82 for listed change orders

This is within the approved budget for this contract and does not require a budget adjustment at this time.

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PREPARED BY: Kelly Dodds

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**CHANGE ORDER NO.: 002**

Owner: San Miguel Community Services District      Owner's Project No.:  
Engineer: Water Systems Consulting, Inc.      Engineer's Project No.:  
Ellison Environmental, Inc. dba Fluid      (FRM) 21-  
Contractor: Resource Management      Contractor's Project No.: 0070  
Project: Machado Wastewater Treatment Facility Upgrade & Expansion  
Pre-Engineered Package Membrane Bioreactor Municipal Wastewater Treatment  
Contract Name: System  
Date Issued: May 02, 2023      Effective Date of Change Order: May 09, 2023

The Contract is modified as follows upon execution of this Change Order:

**Description:**

This change order will allow the contractor to continue the engineering design of the package system with the following changes:

<b>Design Change</b>	<b>Justification</b>	<b>Design Cost</b>
Bardenpho Addition	The bardepho treatment process is needed to meet the future treatment plant effluent requirements.	\$14,028.21
Coarse Screen Headworks	The package plant will include a ¼ inch screen to replace a site built standalone headworks in addition to micro screening and grit removal.	\$16,321.33
Sludge Handling Upgrade	This includes a larger sludge holding tank and platform designed to meet buildout flows.	\$9,147.28
Total		\$39,496.82

Future change orders for the equipment, installation, bonds and taxes in accordance with the terms and conditions set forth in the Contract are expected as the design progresses.

**Attachments:**

FRM and Cloacina Change Order Proposal



**Change in Contract Times**  
**[State Contract Times as either a specific date or a number of days]**

<b>Change in Contract Price</b>	<b>Change in Contract Times</b>
Original Contract Price: \$ 6,894,512.30	Original Contract Times: Substantial Completion: <u>November 30, 2022</u> Ready for final payment: <u>December 31, 2022</u>
Increase from previously approved Change Orders No. 001: \$ 1,535,781.47	Increase from previously approved Change Orders No. FRM-01: Substantial Completion: 400 days from completion of milestone 6 (Owner release to fabricate) Plus 160 days from completed slab Ready for final payment: 60 days after the acceptable of Substantial Completion
Contract Price prior to this Change Order: \$ 8,430,293.77	Contract Times prior to this Change Order: Substantial Completion: <u>November 30, 2022</u> Ready for final payment: <u>December 31, 2022</u>
Increase this Change Order: \$ 39,496.82	This Change Order: Substantial Completion: <u>None</u> Ready for final payment: <u>None</u>
Contract Price incorporating this Change Order: \$ 8,469,790.59	Contract Times with all approved Change Orders: Substantial Completion: <u>See schedule above.</u> Ready for final payment: <u>See schedule above.</u>

<b>Recommended by Engineer (if required)</b>  By: _____ Title: _____ Date: _____  _____ Authorized by Owner	<b>Accepted by Contractor</b>  _____ _____ _____  _____ Approved by Funding Agency (if applicable)
By: _____ Title: _____ Date: _____	_____ _____ _____





## Cloacina Change Order Form

<b>PROJECT NAME</b>	San Miguel
<b>PROJECT NUMBER</b>	CL19-090
<b>CHANGE ORDER NUMBER</b>	CO10
<b>CHANGE ORDER REQUEST DATE</b>	5/2/2023

<b>Change Order Costing</b>	
Cost:	\$39,496.82

<p><b>DESCRIPTION:</b></p> <p>Engineering hold deposit for change orders:          CO6R2-Bardenpho Addition          CO8R2-Coarse Screen Headworks          CO9-Sludge Handling Upgrade</p> <p>Price is 5% of estimated cost for change orders listed as of 5/2/23. This amount will be credited to a future purchase order including listed change orders.          Cloacina will provide equipment and drawing submittals for all equipment specified in listed change orders.</p> <p>-Pricing is valid for 30 days from request date.</p>
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REQUESTING AGENCY	CONTACT NAME	CONTACT E-MAIL	CONTACT PHONE
OWNER REP			

<b>ACCEPTANCE:</b>		
AGENCY/NAME	SIGNATURE	DATE





## Cloacina Change Order Form

Change Order	Description	Price (5/2/23)	5% Engineering Deposit
CO6	Bardenpho	\$280,564.20	\$14,028.21
CO8	Coarse Screen Headworks	\$326,426.68	\$16,321.33
CO9	Sludge Handling Upgrade	\$182,945.60	\$9,147.28
<b>Total</b>			<b>\$39,496.82</b>

**RESOLUTION NO. 2023-21**

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE  
SAN MIGUEL COMMUNITY SERVICES DISTRICT APPROVING CHANGE ORDER  
002 FOR THE MACHADO WASTEWATER TREATMENT FACILITY.**

**WHEREAS**, San Miguel Community Services District (“District”) is currently contracted with Cloacina and Fluid Resources Management for the design and construction of the upgrade and expansion project; and

**WHEREAS**, multiple changes to processes and equipment configurations have been identified which will positively affect the operation and longevity of the facility; and

**WHEREAS**, due to the high potential cost of the proposed changes and the outstanding questions regarding portions of the changes it is prudent to approve a change order for engineering only to better determine scope and cost; and

**NOW THEREFORE, BE IT RESOLVED**, the Board does, hereby, authorized the General Manager to approve a changed order with Fluid Resource Management in an amount not to exceed \$39,496.82

On the motion of Director \_\_\_\_\_, seconded by Director \_\_\_\_\_, and on the following roll call vote, to wit:

- AYES:**
- NOES:**
- ABSENT:**
- ABSTAINING:**

the foregoing Resolution is hereby passed and adopted this 9<sup>th</sup> day of May 2023.

\_\_\_\_\_  
Ward Roney, Board President

**ATTEST:**

**APPROVED AS TO FORM AND CONTENT:**

\_\_\_\_\_  
Kelly Dodds General Manager

\_\_\_\_\_  
Douglas L. White, District General Counsel

**Board of Directors  
Staff Report**

**May 9, 2023**

**AGENDA ITEM: 10.3**

**SUBJECT:** Regional Biosolid Disposal discussion

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**SUGGESTED ACTION:** Discuss potential regional solution to biosolid disposal

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**DISCUSSION:**

There are currently discussions taking place regarding a regional solution to biosolid disposal for wastewater treatment plants in San Luis Obispo and Santa Barbara County.

The long-term concern is PFAS and PFOS (forever chemicals) that exist in these biosolids and what the future is for the mitigation of them when the state and federal regulators enact monitoring and removal requirements.

The process to remove these chemicals is expensive and the District wouldn't be able to handle it on our own. The majority of the WWTF operating agencies have been discussing options and interest in a regional plant that could process the biosolids and eventually remove these chemicals. The end product would potentially be a marketable soil amendment for agricultural use.

There are not a lot of details on the specific project at this time, additional information would be brought to the Board as it is prudent or necessary.

At this time, I am recommending that the Board authorize a letter of commitment to participate in this regional effort.

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**FISCAL IMPACT:**

The initial cost to the District would be minimal and within the authority of the General Manager and the existing budget.

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**PREPARED BY:** Kelly Dodds

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