

Sobrante Water Treatment Plant Reliability Improvements Project

Virtual Community Meeting, April 27, 2023



Purpose of the Meeting

- Since the last public meeting:
 - Evaluated ways to incorporate comments
 - Updates to improve aesthetics
- Present project updates:
 - Site plans
 - Conceptual visual simulations
- Receive feedback on changes



Agenda

- Team Introduction
- Project context & purpose
- Project description & location
- Public comments received
- Updated:
 - Site plan
 - Aesthetics & landscape plan
 - Conceptual visual simulations
- Environmental review process & schedule
- Next Steps
- Questions & comments

Project Team

- EBMUD
 - Stella Tan, P.E., Project Manager/Associate Civil Engineer
 - Timothy McGowan, P.E., Senior Civil Engineer
 - David Rehnstrom, P.E., Division Manager
 - Joseph Voelker, Community Affairs Rep
 - Rolando Gonzalez, Community Affairs Rep (this evening)
 - David Cook, Manager of Security
- Consultants
 - Panorama Environmental, Inc., Environmental Consultant
 - MWA Architects, Architects
 - Merrill Morris Partners (MMP), Landscape Architects

SOWTP Service Area

Providing Resilience



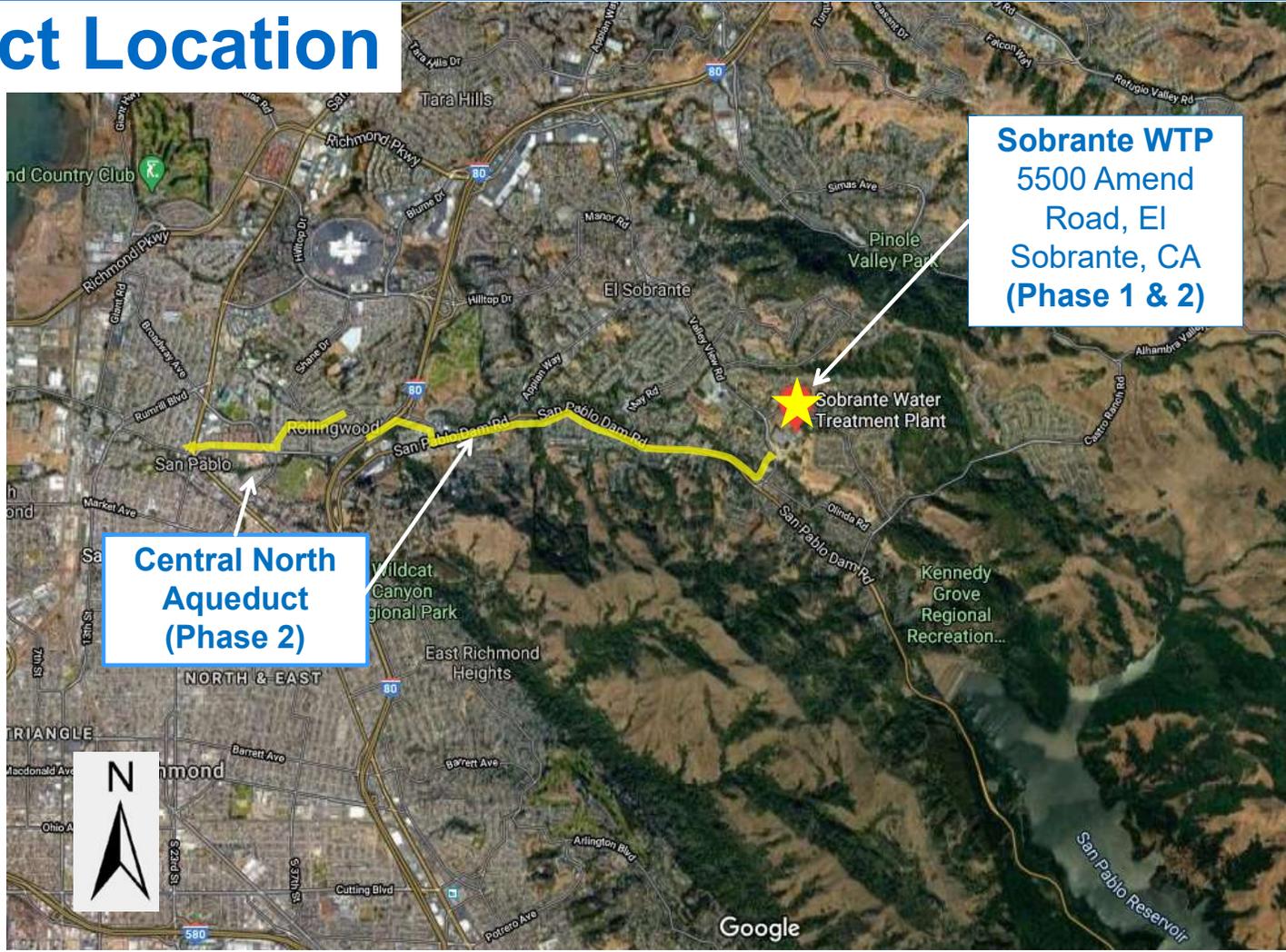
Sobrante WTP History



Project Purpose

- Replace aging infrastructure
- Meet existing and future water demands
- Maintain water quality and reduce disinfectant byproducts
- Support drought operations
- Provide treatment capacity for changing untreated water quality or planned untreated water aqueduct outages

Project Location



Sobrante WTP
5500 Amend
Road, El
Sobrante, CA
(Phase 1 & 2)

**Central North
Aqueduct
(Phase 2)**

Sobrante WTP Proposed Improvements

- Construct new structures to increase reliable capacity of Sobrante Water Treatment Plant (WTP)
 - Phase 1 (near term): 60 MGD
 - Phase 2 (long term): 80 MGD
- After Phase 1 completed, demolish existing aging structures
- In Phase 2, construct the Central North Aqueduct pipeline to convey Phase 2 treatment capacity

*MGD: Million Gallons Per Day

Original Site Plan



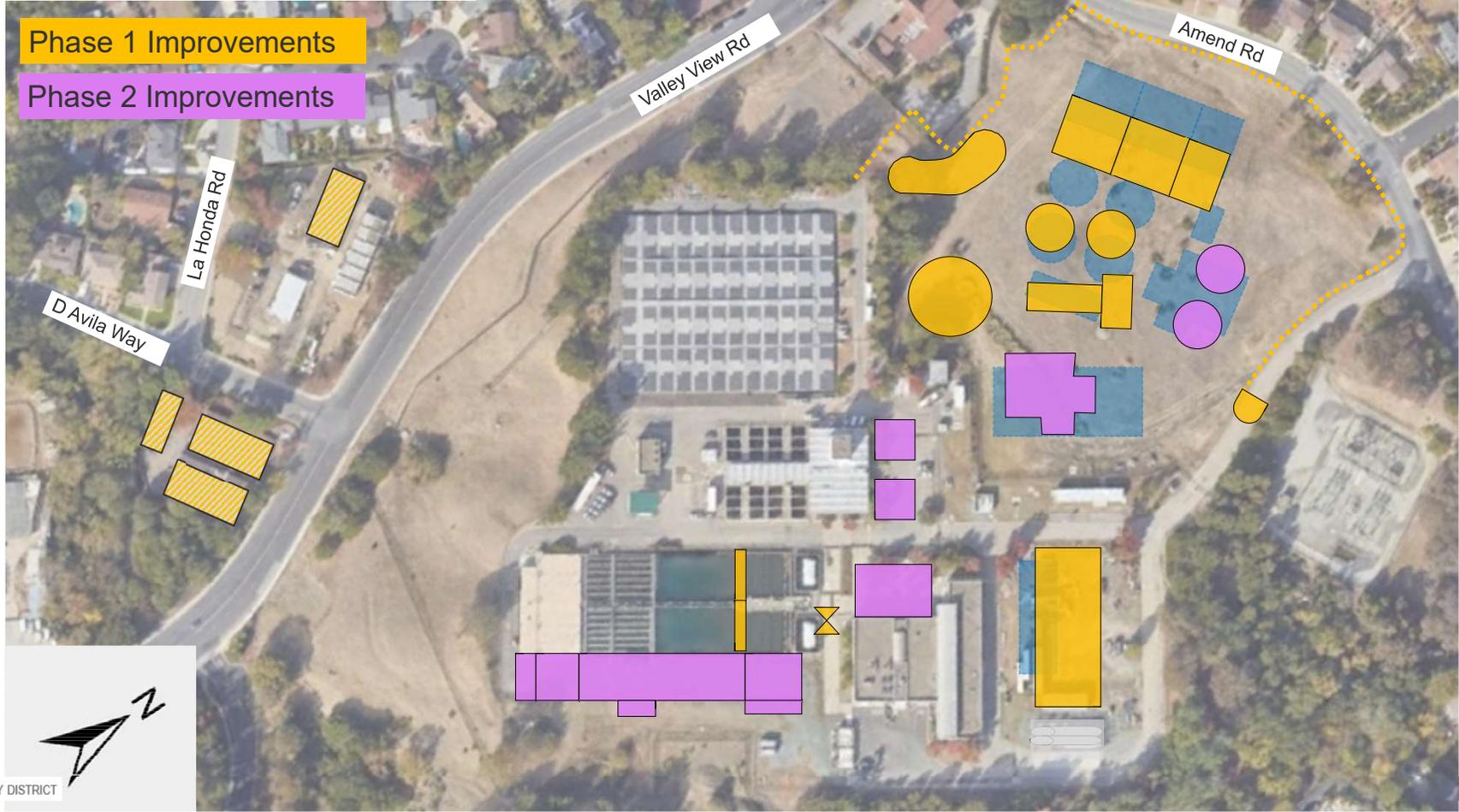
Community Meeting Requests

- Move facilities further away from Amend Road
- Improve the aesthetic design along Amend Road, especially for the security fence
- Match building architecture to the neighborhood buildings, such as the fire station
- Install landscaping before construction begins
- Completely hide facilities from public view along Amend Road
- Add an additional viewpoint on Amend Road
- Address noise, chemical hazards, and wildlife/biology impacts

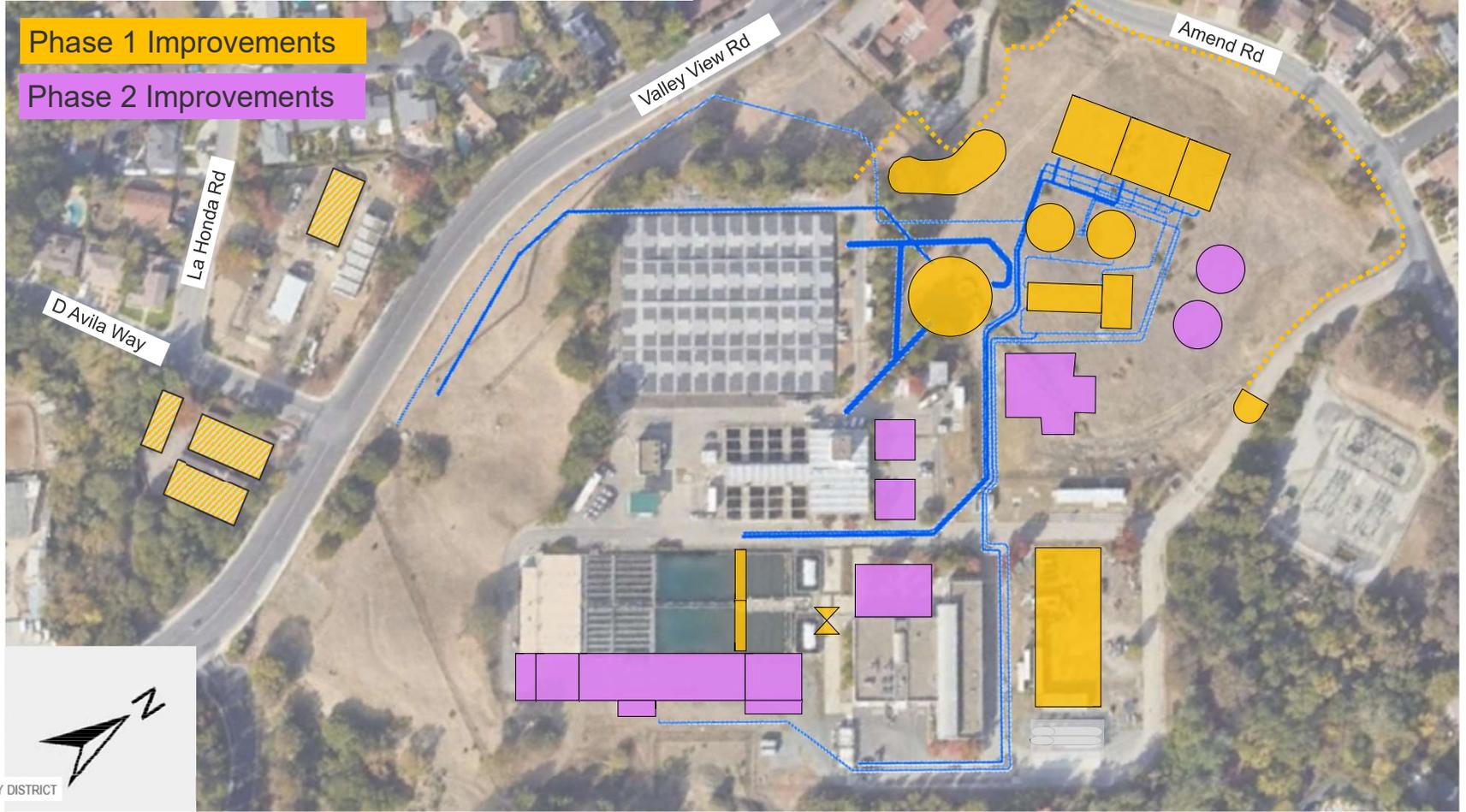
Areas reviewed for new facilities



Revised Site Plan



Proposed New Pipelines

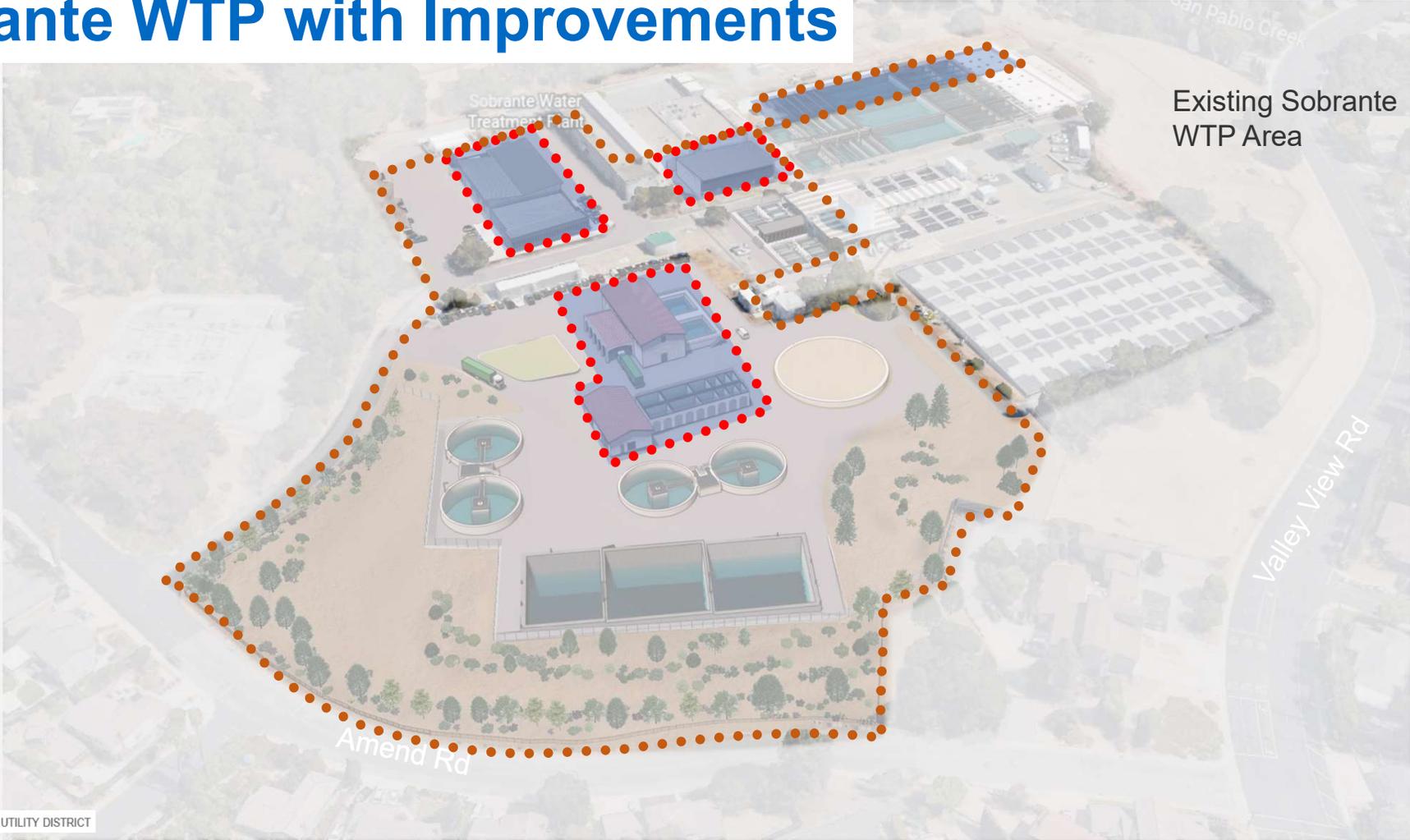


An aerial photograph of an industrial or utility facility. The image shows several large, rectangular buildings with flat roofs. One prominent building in the center-right has a grid of solar panels on its roof. There are parking lots with cars and trucks, and some green spaces with trees. The overall scene is a mix of industrial infrastructure and natural elements.

Aesthetic & Landscape Design



Sobrante WTP with Improvements



New buildings visible from Amend Road

Process Buildings

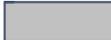


- Constructed in Phase 1 (right) and 2 (left)
- Designed to match the style of the Richmond Fire Station and nearby homes.
- Symmetrical shape, traditional arches, windows and walls with trim, and sloped red roofs

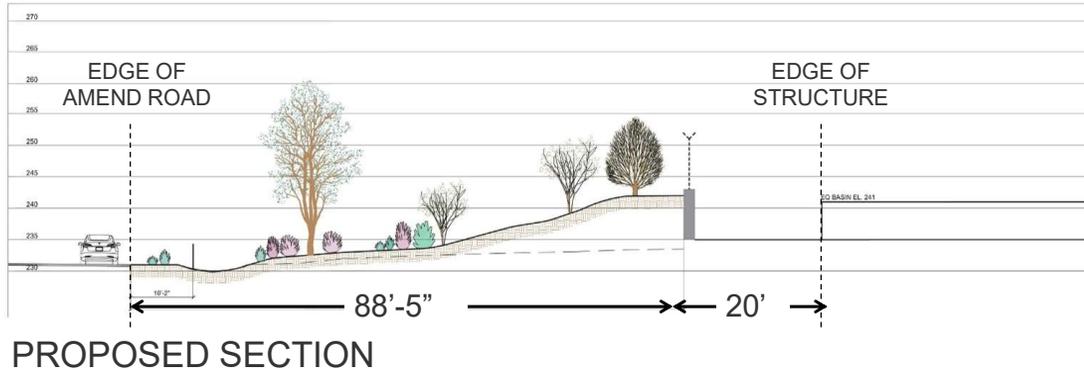
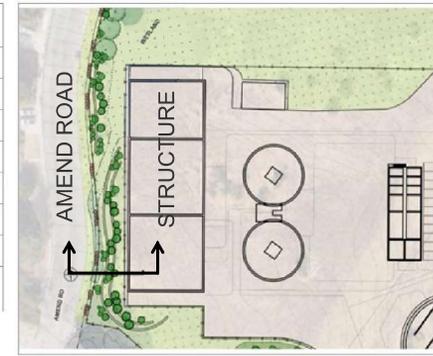
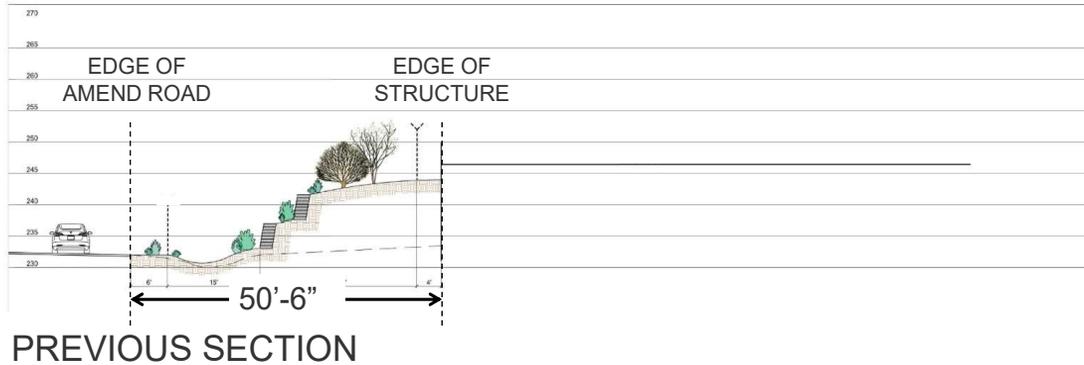


Landscape/Screening Plan



-  PHASE 1 FACILITIES
-  PHASE 2 FACILITIES
-  NEW LANDSCAPING
-  PHASE 1 PAVING
-  PHASE 2 PAVING

Amend Road Cross Sections



Updated Amend Road fence

Previous Fence



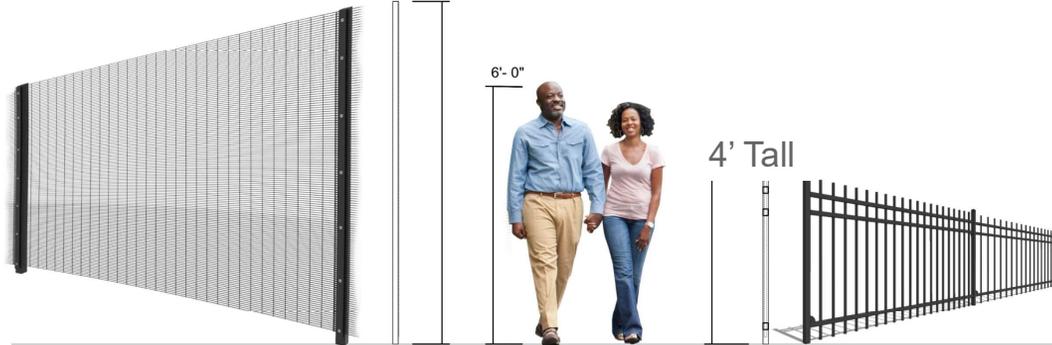
Coated Metal Wire

8' Tall

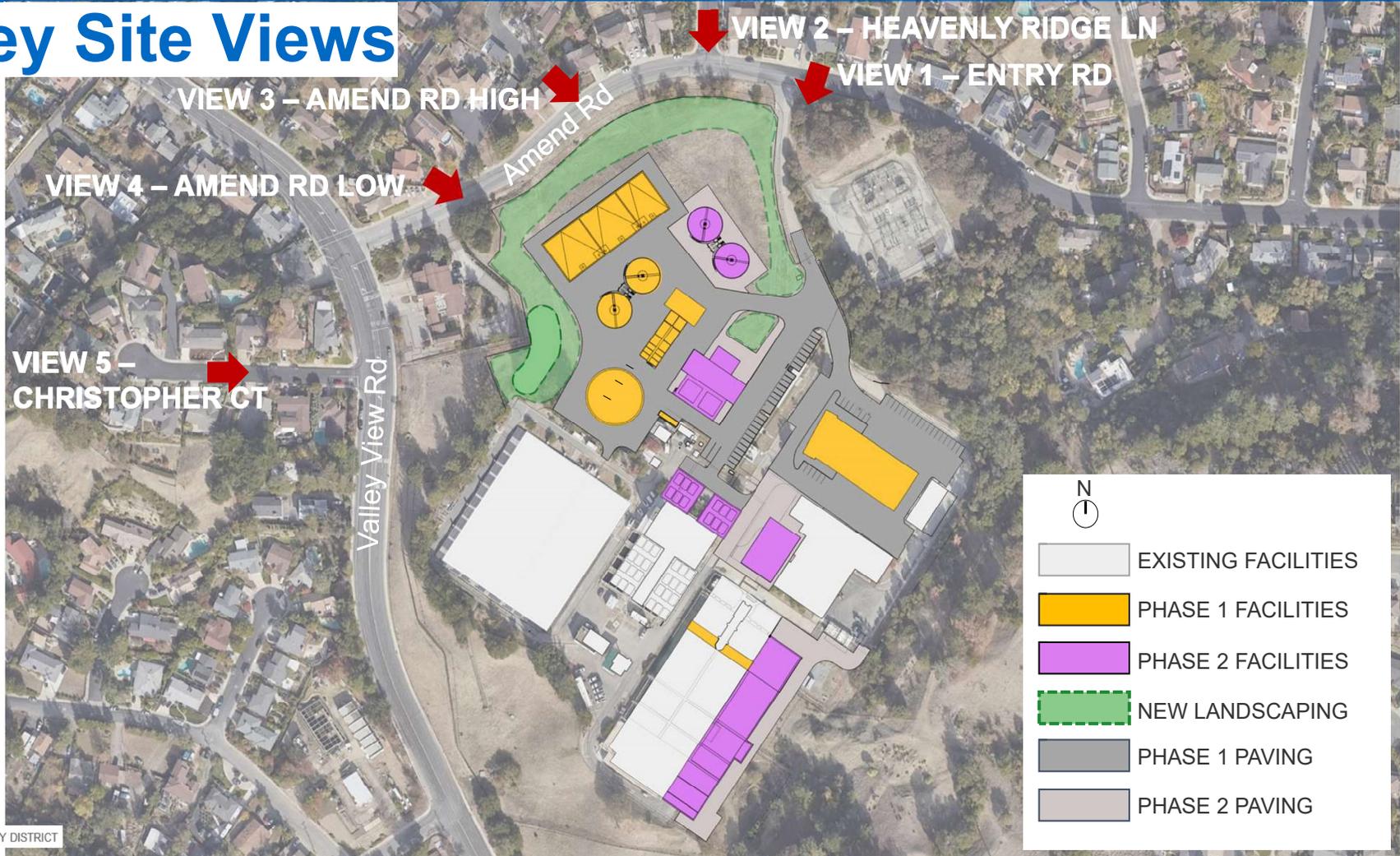
Proposed Fence



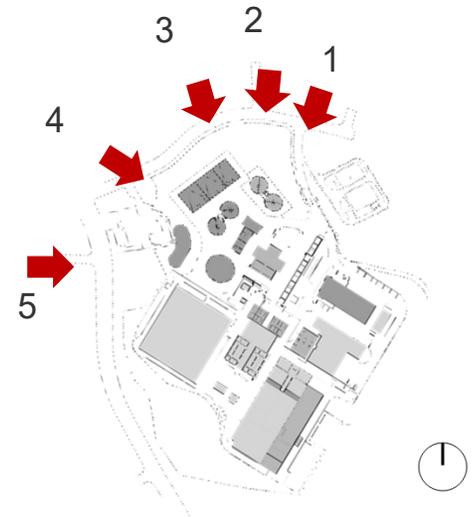
Wrought-Iron Look



Key Site Views



Key Site Views



Additional Views

RICHMOND FIRE STATION



HIGHER UP HEAVENLY RIDGE LN.



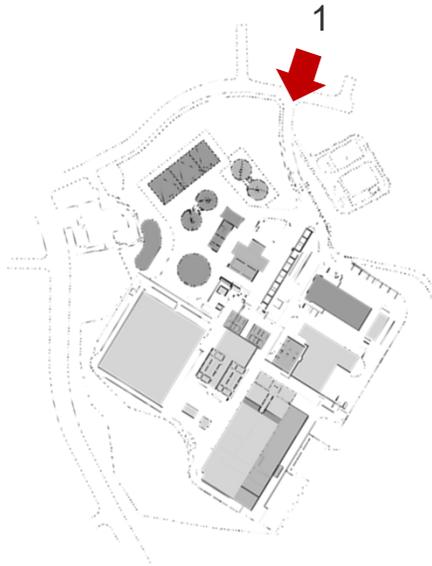
VALLEY VIEW RD.



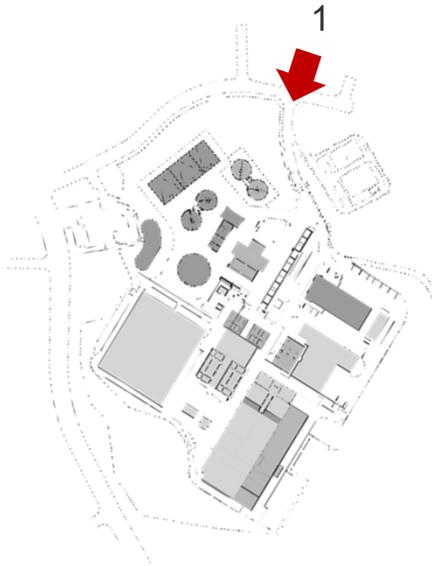
VALLEY VIEW RD. & SPANISH TRAILS RD



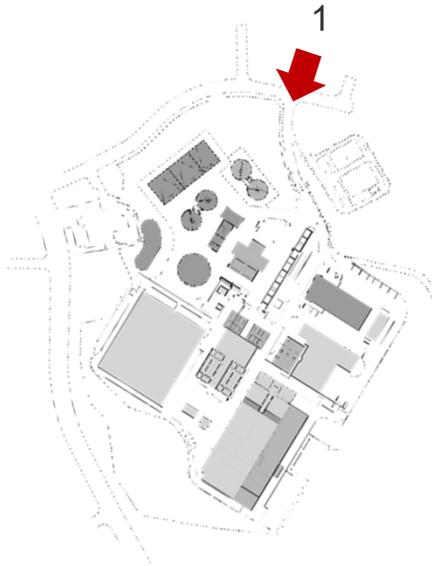
View 1 – Entry Road (Existing)



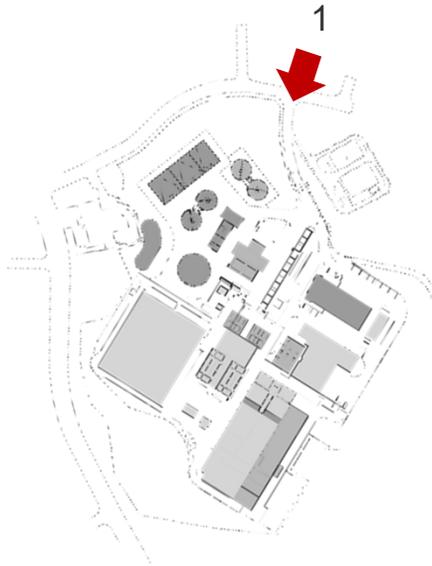
View 1 – Entry Road (Year 0)



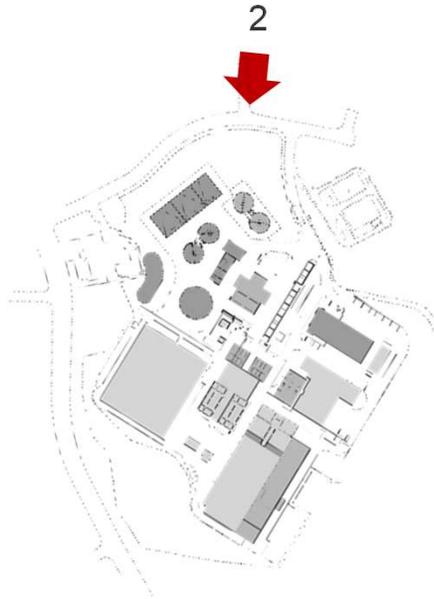
View 1 – Entry Road (Year 5)



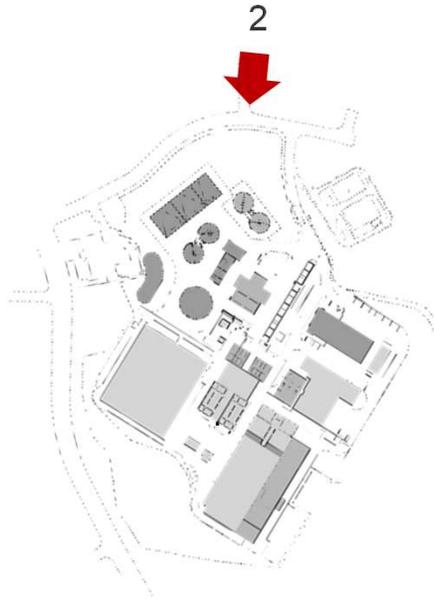
View 1 – Entry Road (Year 10)



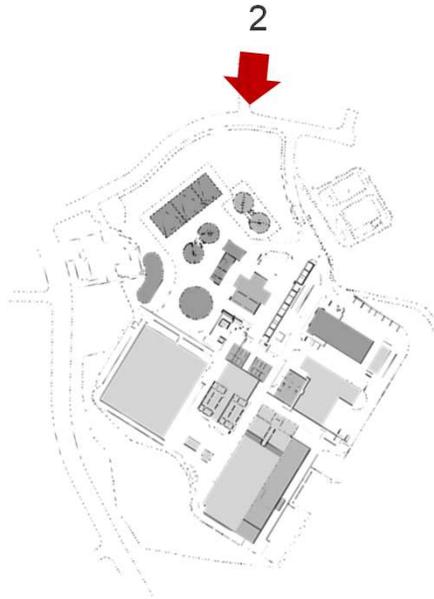
View 2 – Heavenly Ridge Lane (Existing)



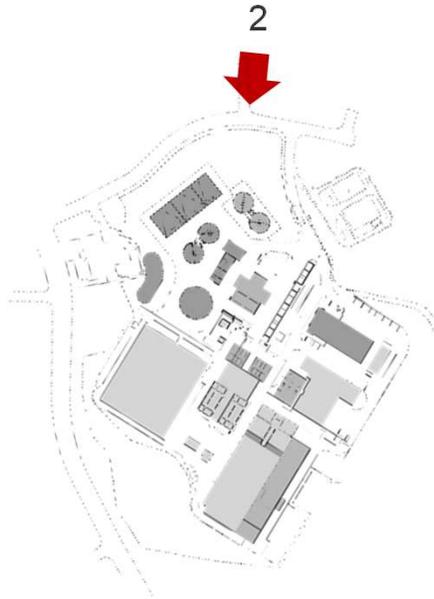
View 2 – Heavenly Ridge Lane (Year 0)



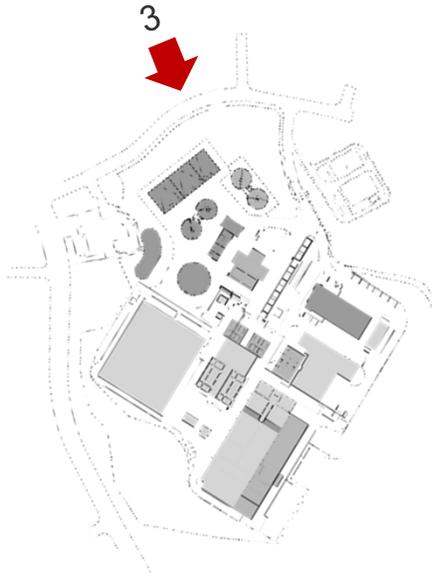
View 2 – Heavenly Ridge Lane (Year 5)



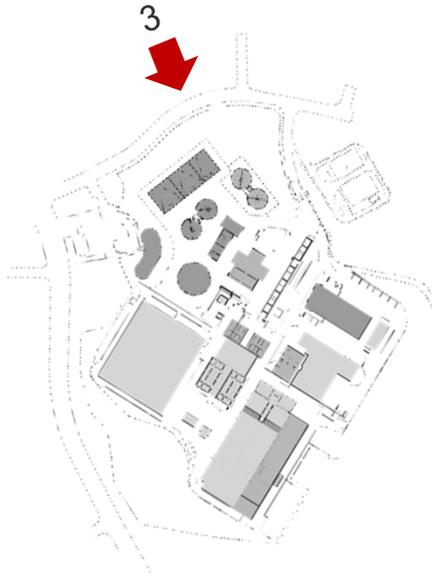
View 2 – Heavenly Ridge Lane (Year 10)



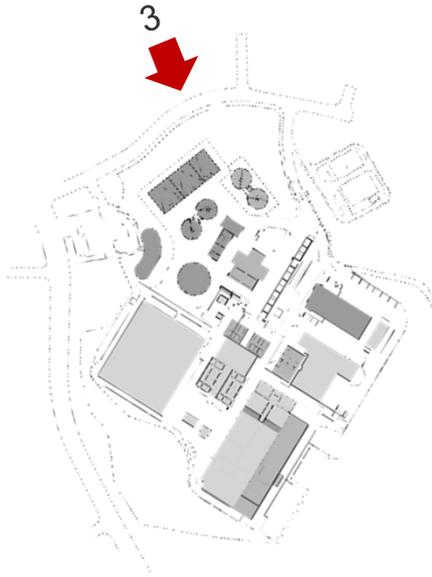
View 3 – Amend Road High (Existing)



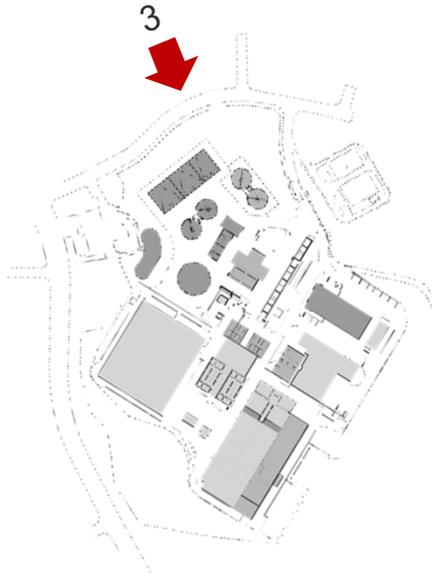
View 3 – Amend Road High (Year 0)



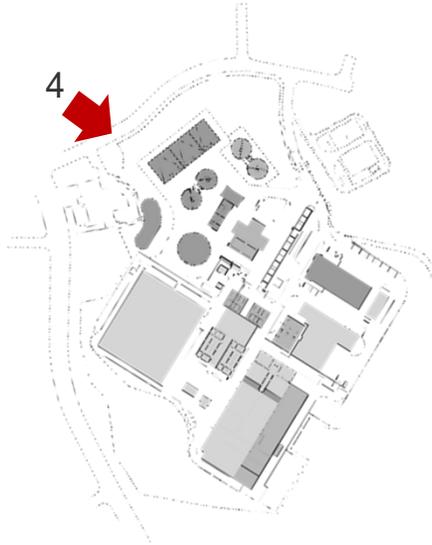
View 3 – Amend Road High (Year 5)



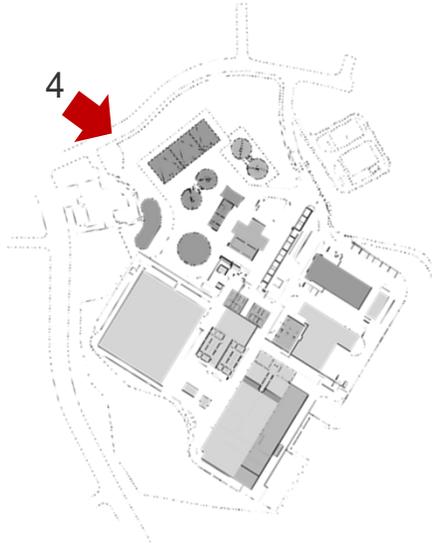
View 3 – Amend Road High (Year 10)



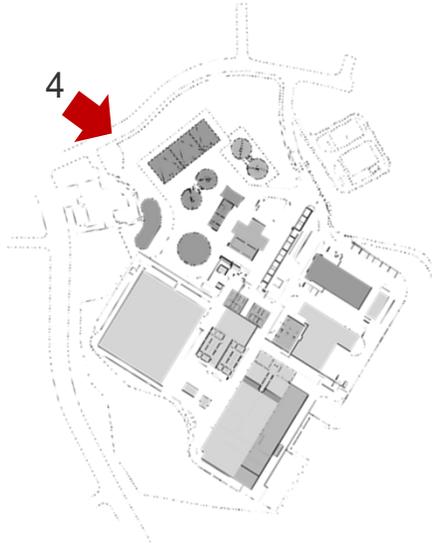
View 4 – Amend Road Low (Existing)



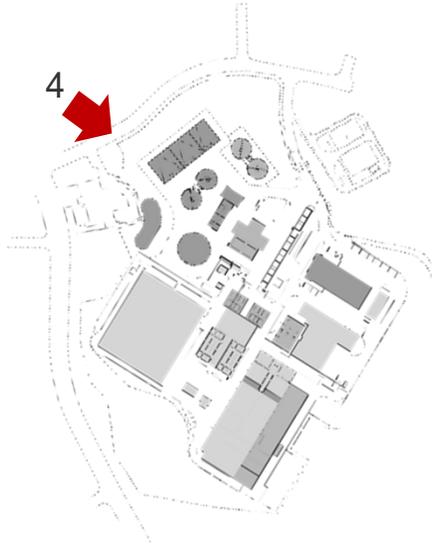
View 4 – Amend Road Low (Year 0)



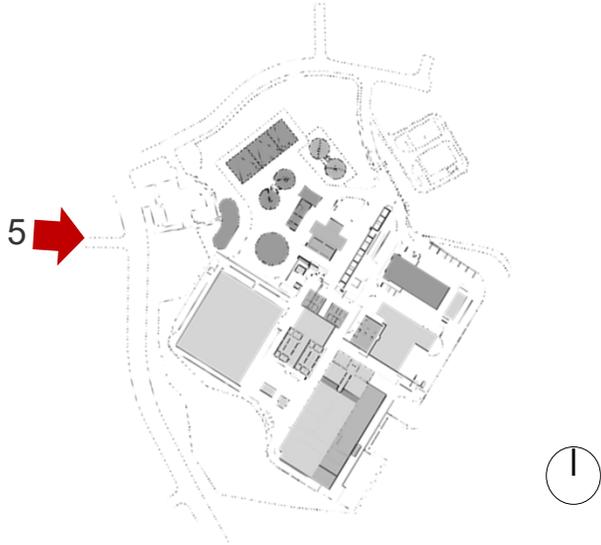
View 4 – Amend Road Low (Year 5)



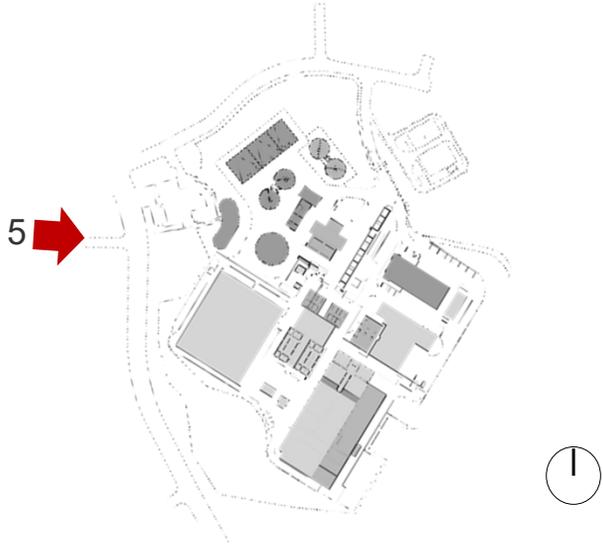
View 4 – Amend Road Low (Year 10)



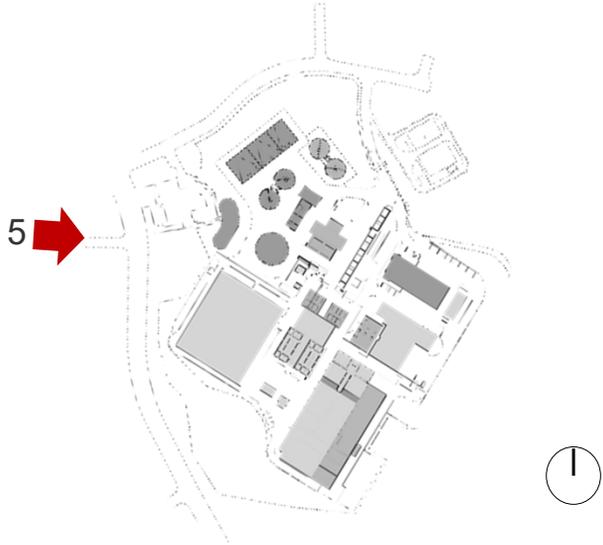
View 5 – Christopher Court (Existing)



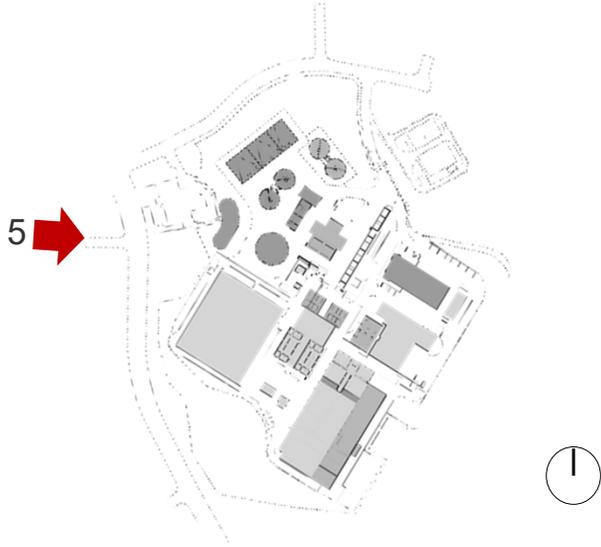
View 5 – Christopher Court (Year 0)



View 5 – Christopher Court (Year 5)



View 5 – Christopher Court (Year 10)





Environmental Review Process and Schedule



What is an Environmental Impact Report (EIR)?

EIR required under...

the California Environmental Quality Act (CEQA)

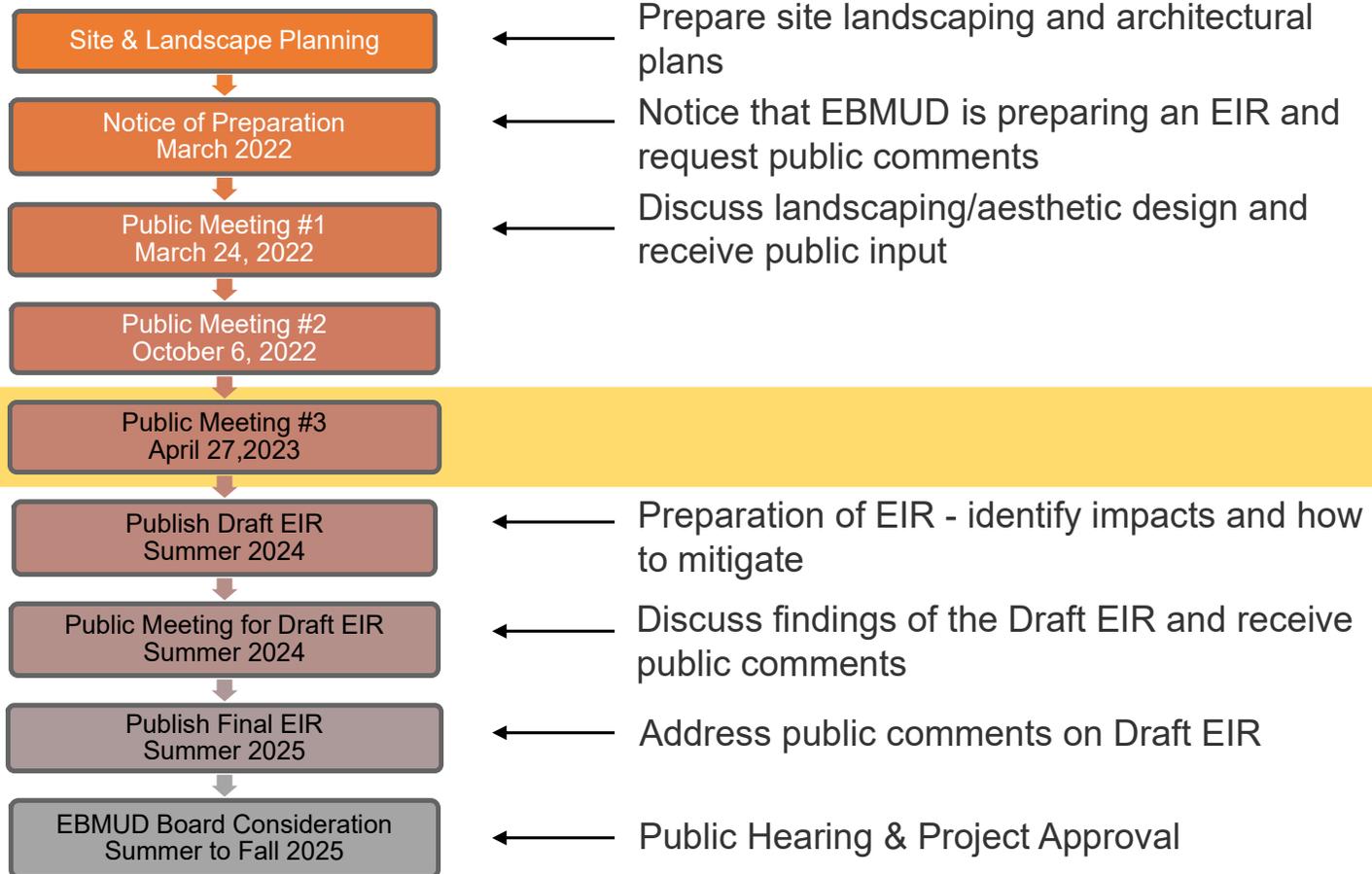
EIR required when...

there is potential that a project may have significant impacts

EIR purpose:

To inform the public of the environmental consequences of projects

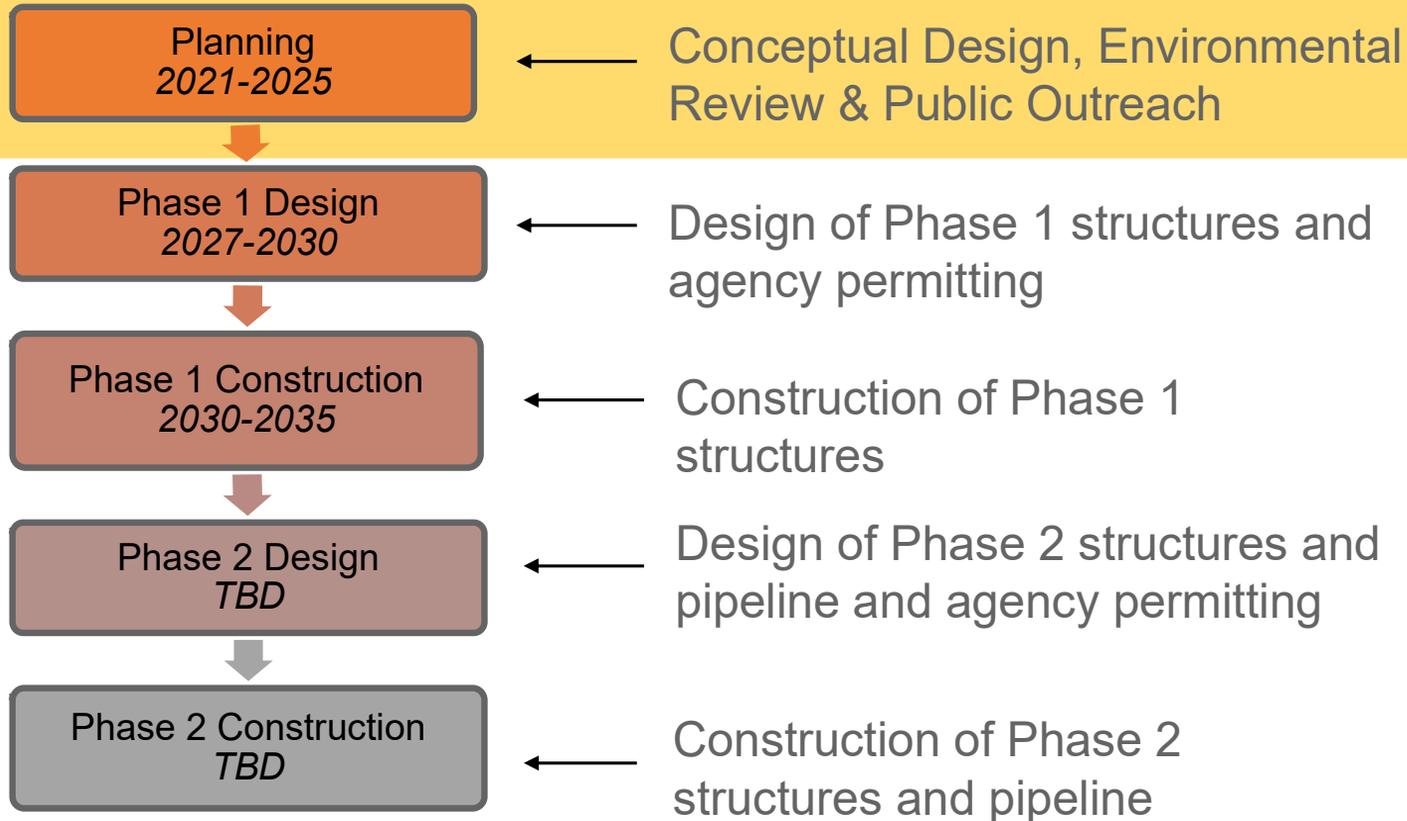
Environmental Review Schedule



Environmental categories evaluated in EIR

- Aesthetics
- Air Quality
- Biological Resources
- Cultural/Historical Resources
- Energy
- Geology
- Greenhouse Gases
- Hazards
- Hydrology/Water Quality
- Noise
- Traffic
- Wildfire

Project Schedule



Next Steps

- Receive feedback from tonight's public meeting
- Prepare the Draft Environmental Impact Report to be released Summer 2024

For more information and comments

More information can be found at the

Project Website:

www.ebmud.com/sowtp

Questions and Comments:

sowtp.improvements@ebmud.com

Or by mail:

Stella Tan, Project Manager
East Bay Municipal Utility District
375 Eleventh Street, MS 701
Oakland, CA 94607-4240

Questions & Comments

Use Q&A or raise hand function

