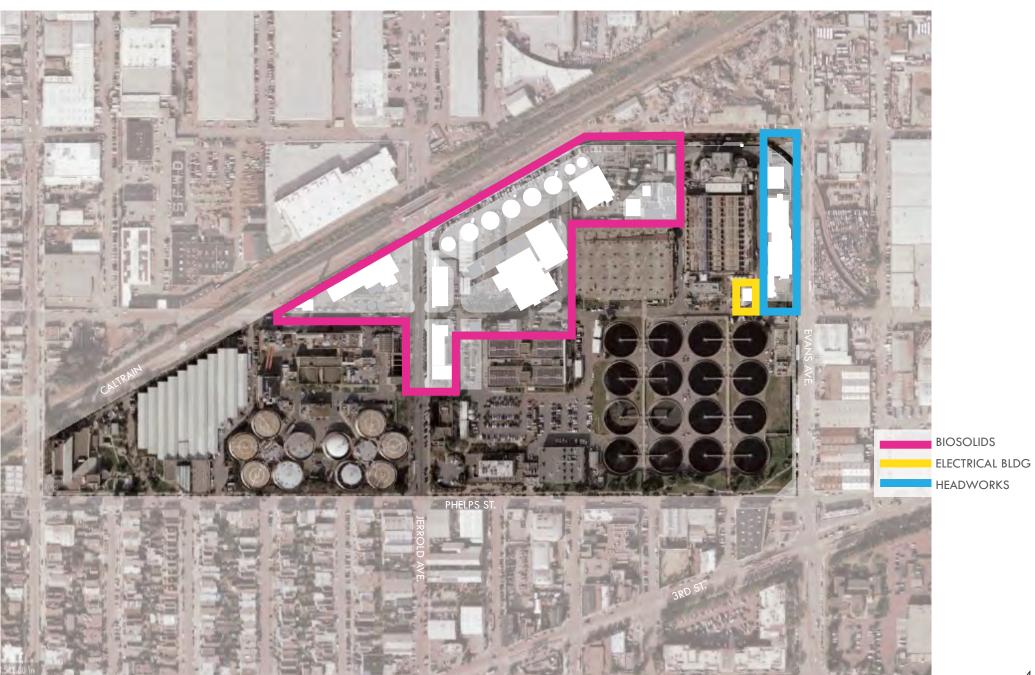


MAJOR SOUTHEAST PROJECTS PREVIOUS SCHEME





BIOSOLIDS - PREVIOUS SCHEME

CAMPUS AERIAL VIEW FROM EAST



MAINTENANCE SHOPS 1&2 —

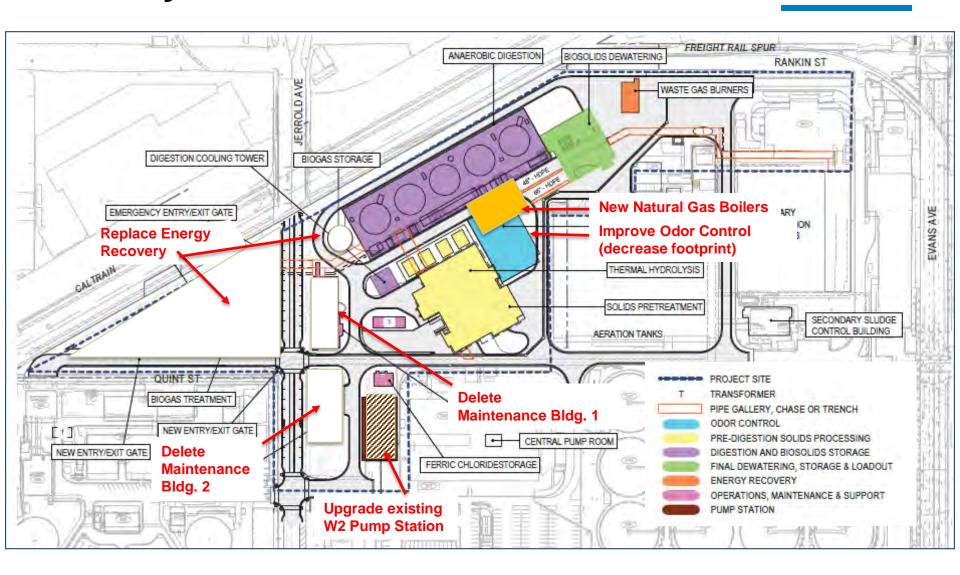
VE CHANGES

Estimated Total Project Cost



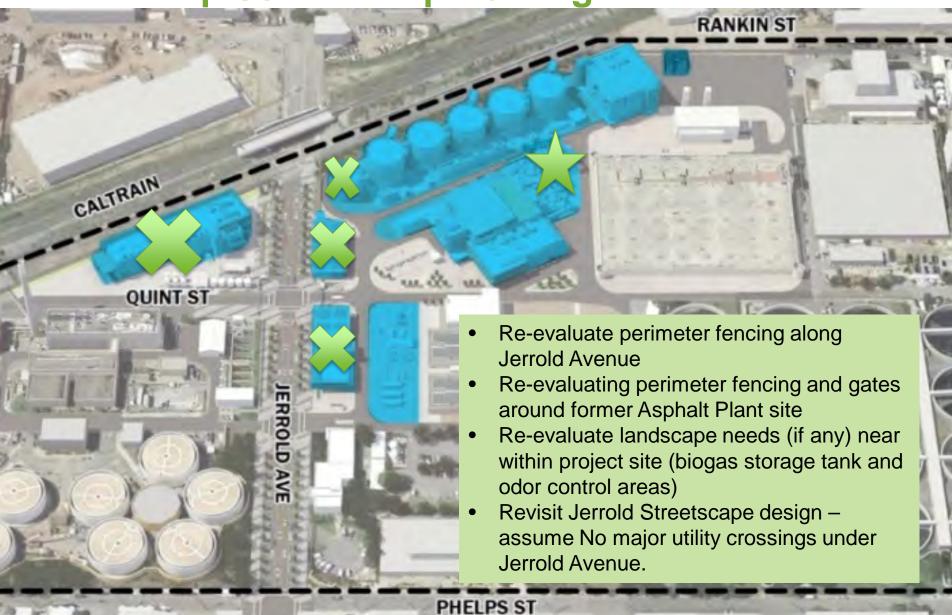
Cost in \$ millions	2018 SSIP Budget	95% Cost Estimate	BDFP Revised Budget
	Mar 2018	Oct 2019	Mar 2020
Total Construction Cost	\$ 994	\$ 1,862	\$1,290
Project Delivery Costs	\$ 283	\$ 416	\$ 391
TOTAL PROJECT COST	\$ 1,277	\$ 2,278	\$ 1,681
	, , , , , , , , , , , , , , , , , , , 	Ψ 2,210	V 1,001
Construction Duration	6 Years	9 Years	7.9 Years

Scope Changes/ Project Improvements Site Layout



Biosolids Digester Facilities Project (BDFP)

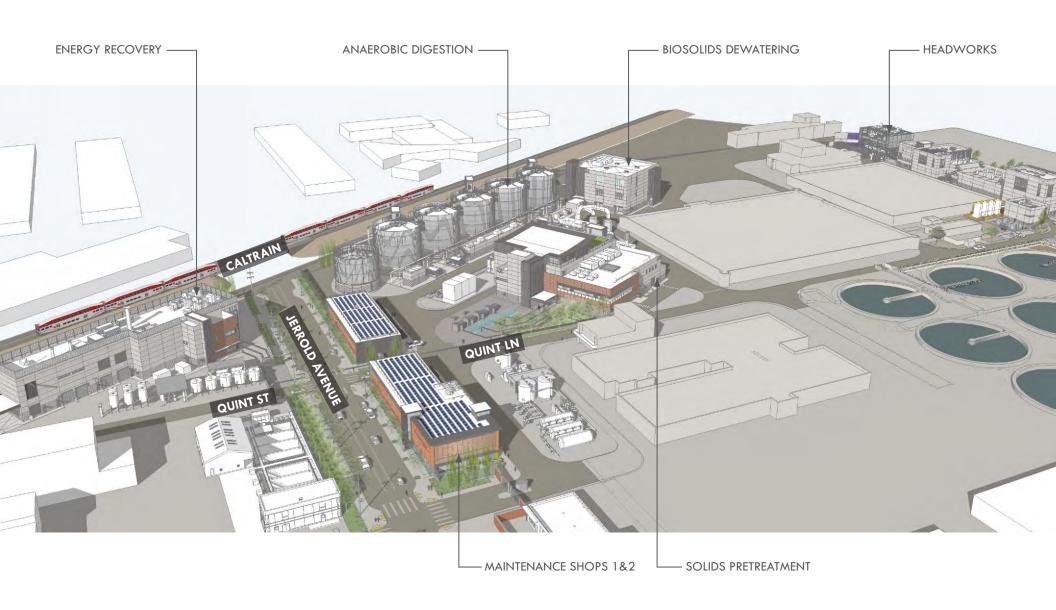
Landscape/Streetscape Changes



BIOSOLIDS - PREVIOUS SCHEME

CAMPUS AERIAL VIEW FROM EAST





BIOSOLIDS - PROPOSED SCHEME CAMPUS VIEW





JERROLD STREETSCAPE - PROPOSED SCHEME PERSPECTIVE VIEW





JERROLD STREETSCAPE - PROPOSED SCHEME

PERSPECTIVE VIEW FROM QUINT GATE







SOLIDS PRETREATMENT

PERSPECTIVE VIEW FROM COURTYARD & FOUNTAIN





SOLIDS PRETREATMENT

PERSPECTIVE VIEW



DEWATERINGPERSPECTIVE VIEW



DEWATERINGPERSPECTIVE VIEW

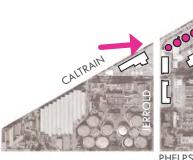


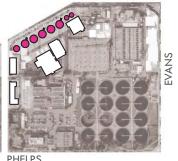
DIGESTER CLADDING DESIGN CHANGES

ANAEROBIC DIGESTION PREVIOUS SCHEME



ANAEROBIC DIGESTION PREVIOUS SCHEME



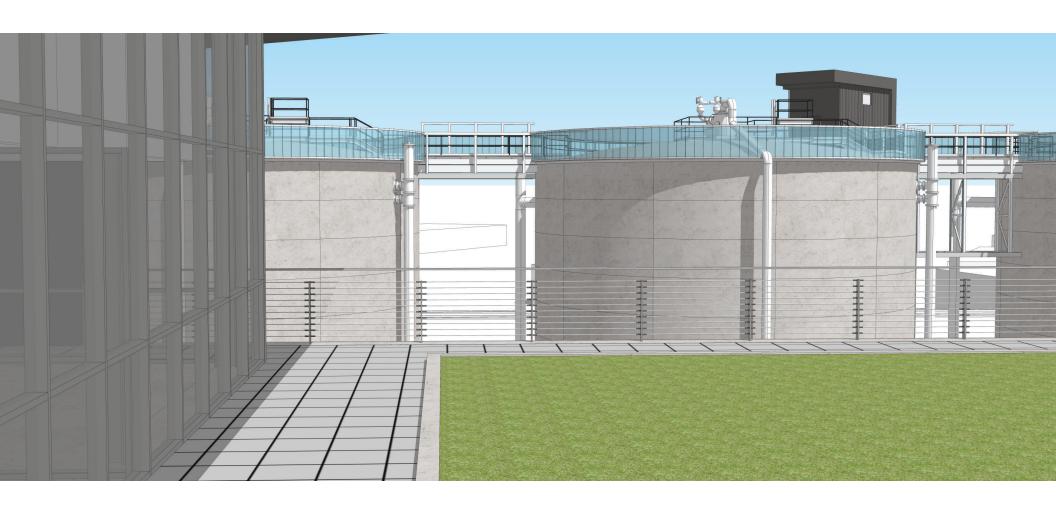




ANAEROBIC DIGESTION - PROPOSED SCHEME

PERSPECTIVE VIEW FROM SOLIDS PRETREAMENT





ANAEROBIC DIGESTION - PROPOSED SCHEME

PERSPECTIVE VIEW FROM CALTRAIN - NORTH





ANAEROBIC DIGESTION - PROPOSED SCHEME

PERSPECTIVE VIEW FROM CALTRAIN - SOUTH





CDR PHASE 2.5 CONTINGENCIES

CAMPUS

1) Add variety in the terracotta palette

MAINTENANCE BUILDINGS

- 2) Provide design and material of the guardrail
- 3) Provide design detail at the base of Zin(
- 4) "Re entrant" corner at 914 shops

DIGESTER CLADDING

5) Options to eliminate aeolian harp effect VE REDESIGN

LANDSCAPE

- 6) Fountain layout limitations
- 7) Fountain Graphics
- 8) Gate Graphics

TERRACOTTA VARIATION

CDR PHASE 2.5 CONTINGENCIES

1) Add variety in the terracotta palette

TERRACOTTA EXTENT - PREVIOUS COLOR VARIATION





TERRA COTTA EXTENT - PROPOSED SCHEME COLOR VARIATION





CAMPUS DESIGN ELEMENTS & MATERIALS











CHANNEL GLASS BENDHEIM 504 ROUGH CAST, AZUR COATING

CONCRETE

IMETCO UNITED ZINC ONYX BLACK

FIBER CEMENT EQUITONE, TECTIVA







TERRACOTTA NBK - COLOR APB-08



TERRACOTTA NBK - COLOR APB-09



TERRACOTTA NBK - COLOR APB-10

TERRACOTTA COLOR VARIATION

PRETREATMENT - 600







SOUTH ELEVATION

TERRACOTTA COLOR VARIATION

PRETREATMENT - 600

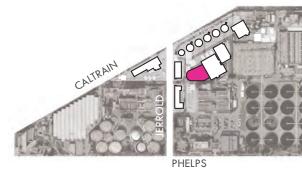






FOUNTAIN GRAPHIC

FOUNTAIN PLAZA

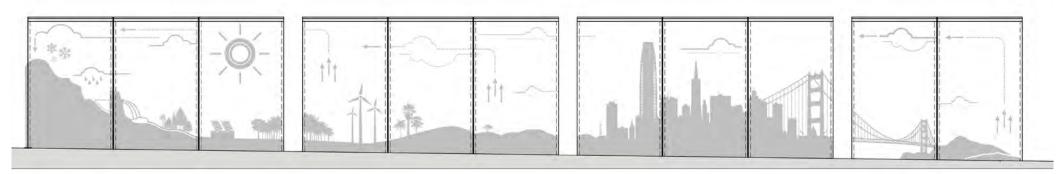




FOUNTAIN GRAPHICS

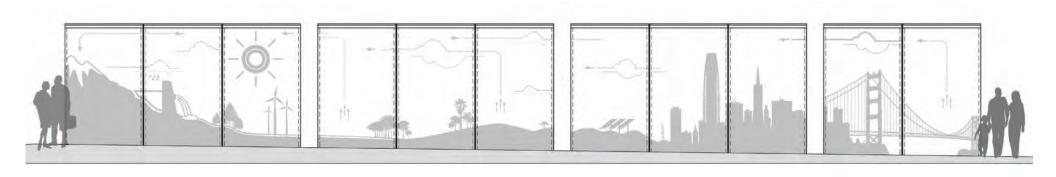


PREVIOUS MOC



SIMPLE POWERLINES

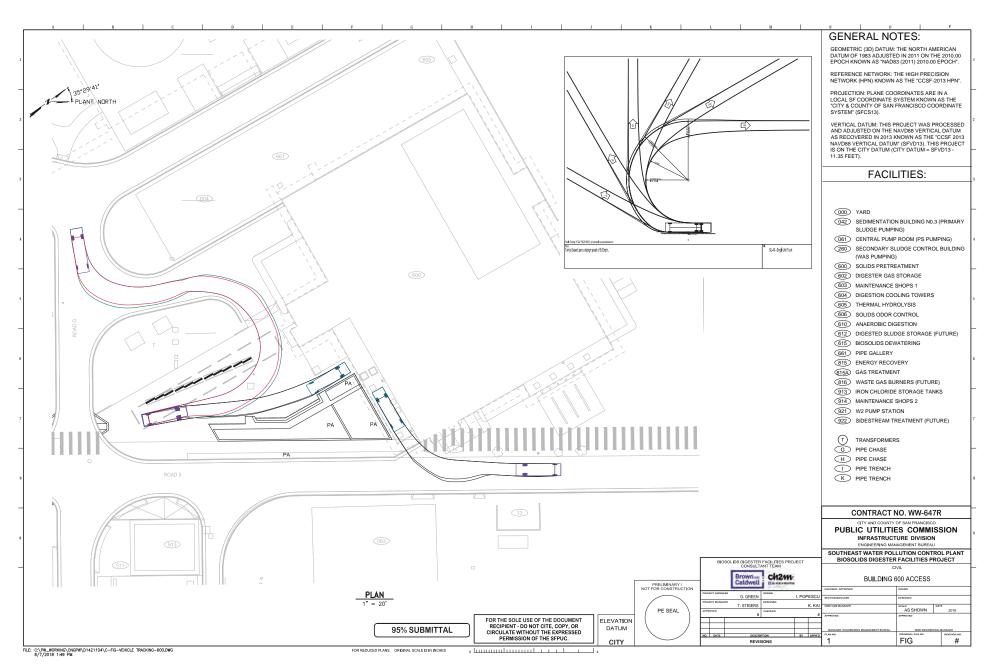
NO POWERLINES



FOUNTAIN DESIGN CONSTRAINTS

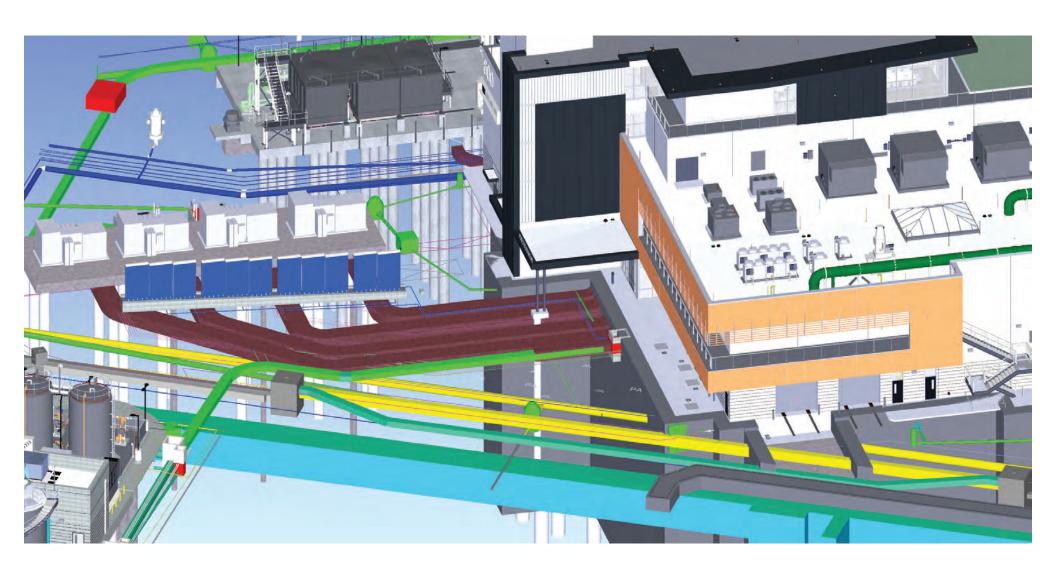
VEHICLE TRACKING AT COURTYARD





FOUNTAIN DESIGN CONSTRAINTS UTILITIES AND UNDERGROUND STRUCTURES AT COURTYARD



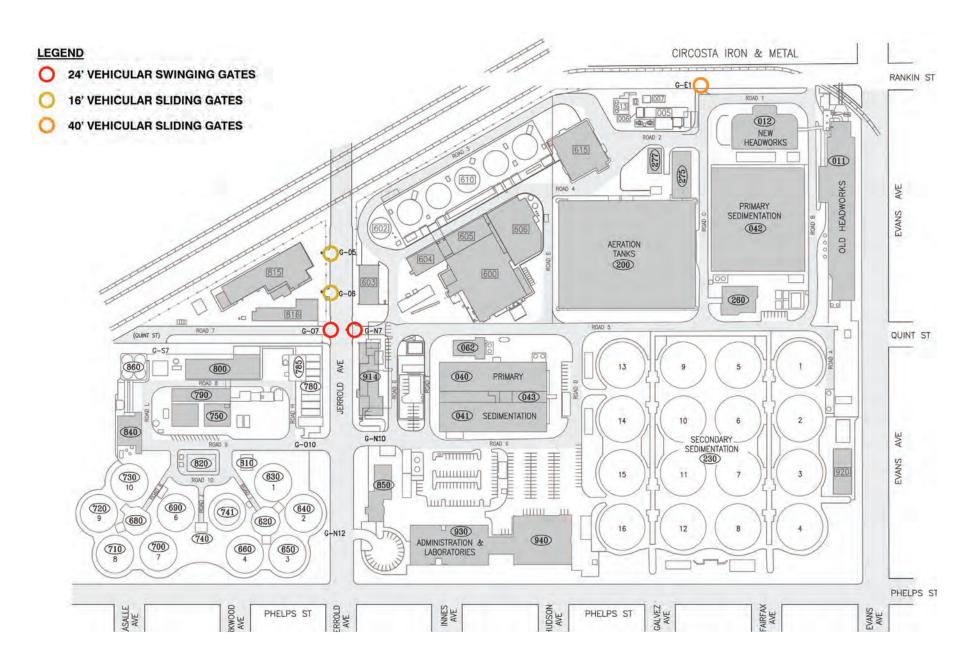


GATE GRAPHICS

SITE MAP- NEW ENTRY GATE LOCATIONS



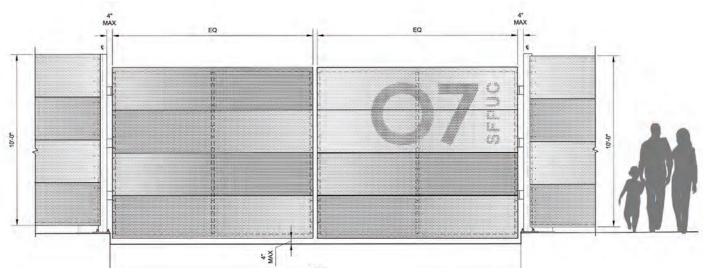
ENTRY GATE LOCATIONS



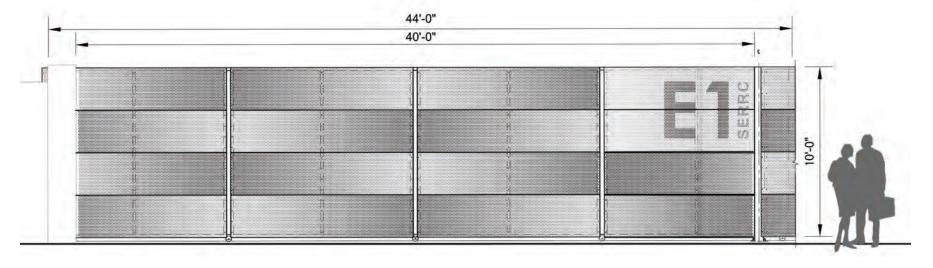
GATE GRAPHICS



SWINGING GATE



SLIDING GATE



PERFORATED IMAGERY







THANK YOU!