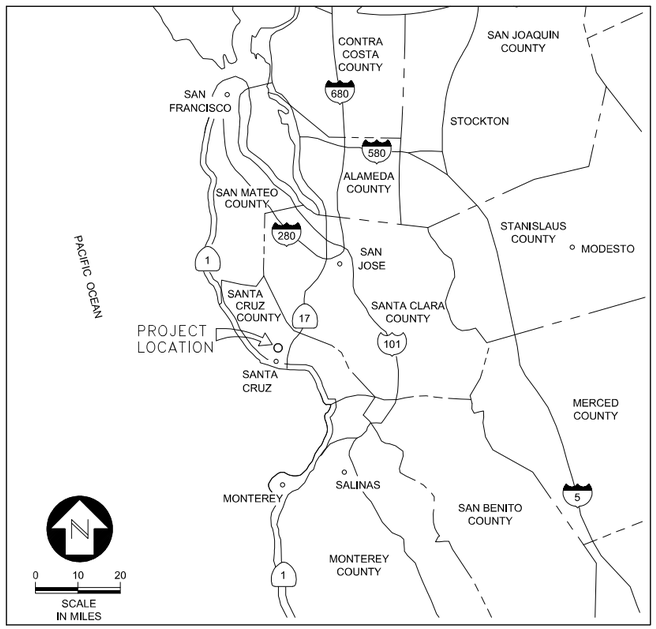
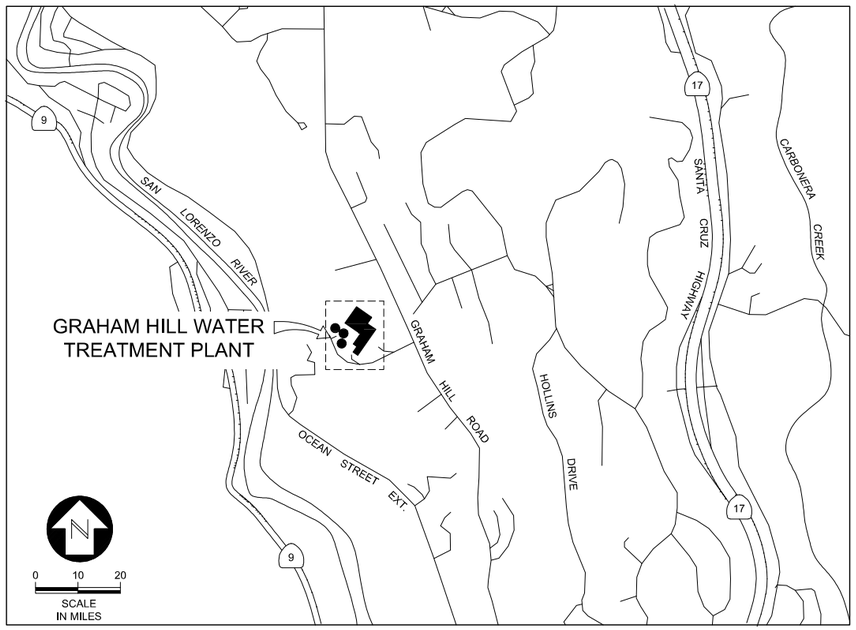
CITY OF SANTA CRUZ, CALIFORNIA

GRAHAM HILL WATER TREATMENT PLANT FACILITY IMPROVEMENTS PROJECT 100% DESIGN UPDATED AUGUST 2026



VICINITY MAP



LOCATION MAP

AUGUST 2026

NOTE:
BUILDING COMMISSIONING FOR BUILDING 30-32 (ADMIN & OPS BUILDING) AND BUILDING 85 (MAINTENANCE BUILDING) INCLUDING REQUIRED BASIS OF DESIGN DOCUMENTS AND COMPLETED TEST PLAN TO BE PROVIDED TO OWNER OR OWNER'S REPRESENTATIVE PRIOR TO OCCUPANCY

AECOM W.M. LYLES CO. a joint venture

PROJECT

GRAHAM HILL WATER TREATMENT PLANT - FACILITY IMPROVEMENTS PROJECT
715 Graham Hill Rd,
Santa Cruz, CA 95060
APN 060-141-05

OWNER

CITY OF SANTA CRUZ WATER DEPARTMENT
212 Locust St Ste A,
Santa Cruz, CA 95060
Phone: (831) 420-5200

ENGINEER

AECOM TECHNICAL SERVICES, INC.
250 APOLLO DRIVE
CHELMSFORD, MA 01824
PHONE: (978) 905-2100
www.aecom.com

AECOM TECHNICAL SERVICES, INC.
2020 L STREET
SACRAMENTO, CA 95811
PHONE: (916) 414-5800
www.aecom.com

CONSULTANTS

KENNEDY JENKS *(Design Assistance)*
275 Battery Street, Suite 550
San Francisco, CA 94111
www.kennedyjenks.com

BOWMAN & WILLIAMS *(Surveyor)*
3949 Research Park Court, Suite 100
Soquel, CA 95073
www.bowmanandwilliams.com

REGISTRATION

REGISTERED PROFESSIONAL ENGINEER
J. GABRIEL PERIGAULT
No. 68471
CIVIL
STATE OF CALIFORNIA

JULY 31, 2024

ISSUE/REVISION

I/R	DATE	DESCRIPTION
0	7/31/24	100% DESIGN

PROJECT NUMBER

60667213

Designed By:	L. HAYROYAN
Drawn By:	L. HAYROYAN
Dept Check:	N/A
Proj Check:	G. PERIGAULT
Date:	JULY 2024
Scale:	AS NOTED

DISCIPLINE

GENERAL

SHEET TITLE

COVER SHEET AND LOCATION MAP

SHEET NUMBER

00-G-001



STRUCTURE DESIGNATION:

- 05 RAPID AND INDUCTION MIXING STRUCTURES
- 07 RECLAIM TANK (NOT PART OF FIP)
- 08 LAMELLA CLARIFIERS
- 09 SOLIDS TANK (NOT PART OF FIP)
- 10 SEDIMENTATION BASINS
- 11 TREATED WATER TANK (NOT PART OF FIP)
- 14 STAND-BY GENERATOR (NOT PART OF FIP)
- 15 LOX TANK AND VAPORIZERS
- 19 TREATED WATER TANK INLET STRUCTURE (NOT PART OF FIP)
- 20 OZONE BUILDING
- 25 FILTERS BUILDING
- 30 OPERATIONS BUILDING
- 32 ADMINISTRATION BUILDING
- 35 GAC INFLUENT PUMP STATION (FUTURE)
- 40 GAC ADSORBERS (FUTURE)
- 42 UV FACILITY (FUTURE)
- 45 CHEMICAL STORAGE
- 47 CHEMICAL STORAGE
- 49 HOT WATER HEATER BUILDING
- 50 CHEMICAL DAY TANKS BUILDING
- 55 LAMELLA CLARIFIERS
- 57 SOLIDS PUMP STATION
- 60 CARBON SLURRY STORAGE TANK
- 65 DEWATERING BUILDING (FUTURE)
- 72 CHEMICAL UNLOADING PAD
- 85 MAINTENANCE BUILDING
- 90 ELECTRICAL BUILDING
- 95 TREATED WATER TANK 2
- 96 WASHWATER TANK
- 97 ELECTRICAL BUILDING (NOT PART OF FIP)
- 99 SANTA CRUZ COUNTY SANITARY SEWER MANHOLE WC47

LEGEND

GHWTP PROPERTY BOUNDARY

40' 0' 20' 40' 80'

GRAPHIC SCALE: 1 INCH = 40 FEET

CITY OF SANTA CRUZ

GRAHAM HILL
WATER TREATMENT PLANT

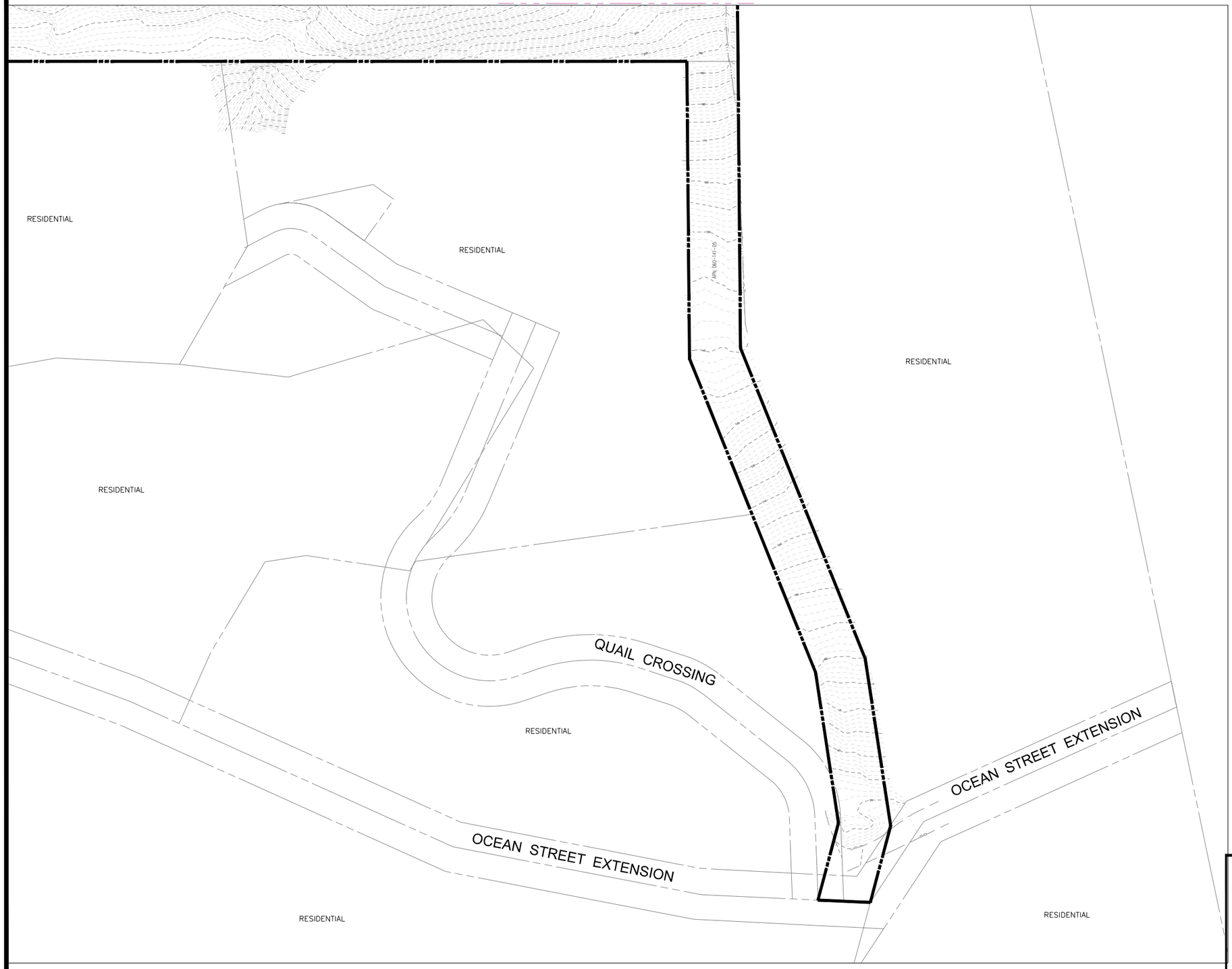
FACILITY IMPROVEMENTS PROJECT (FIP) ELEMENTS SHEET 1

07/2026
DATE

715 GRAHAM HILL RD.
SANTA CRUZ, CA 95060
APN 060-141-05

PATHFILENAME: C:\USERS\MZEMAN\ONEDRIVE - CITY OF SANTA CRUZ\WTEN\C7000025_GHWTP IMPROVEMENTS\SUBTASKS\PHASE 2 COUNCIL\GHWTP FIP OVERVIEW - JULY 2026.DWG
LAST UPDATE: 7/15/2026 5:17:21 PM
PLOT DATE: 7/15/2026 5:34:54 PM

MATCHLINE - SEE SHEET 1



STRUCTURE DESIGNATION:

05 RAPID AND INDUCTION MIXING STRUCTURES
07 RECLAIM TANK (NOT PART OF FIP)
08 LAMELLA CLARIFIERS
09 SOLIDS TANK (NOT PART OF FIP)
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LEGEND

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CITY OF SANTA CRUZ

GRAHAM HILL
WATER TREATMENT PLANT

FACILITY IMPROVEMENTS PROJECT (FIP) ELEMENTS SHEET 2

07/2026
DATE

715 GRAHAM HILL RD.
SANTA CRUZ, CA 95060
APN 060-141-05

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LAST UPDATE: 7/15/2026 5:17:21 PM
PLOT DATE: 7/15/2026 5:18:32 PM

Graham Hill Water Treatment Plant
Facility Improvements Project
Site Overview

N

No Scale



The project replaces aging treatment processes and infrastructure at the Graham Hill Water Treatment Plant with reconfigured pre-treatment basins that include high-rate clarification, a new ozone treatment facility, new biologically active filtration, new washwater tanks, new chemical handling building and storage tanks, upgraded electrical systems, and new operations, maintenance and filter buildings.