# RESOURCE RECOVERY WELL PROJECT BOLINAS COMMUNITY PUBLIC UTILITY DISTRICT (PLAN SET WITH AERIAL IMAGERY)

# SHEET INDEX

SHEET	
No.	DESCRIPTION
	TITLE SHEET
2	OVERVIEW MAP
3	SOURCE SITE MAP
4	WATER TREATMENT AND TIE-IN SITE PLAN
5	SETBACK DISTANCES FROM PROPERTY BOUNDARY MAP
6	WATER TANK DETAIL
7	WATER TREATMENT PLANT TRAILER DETAIL

PROPERTY OWNER & COASTAL PERMIT APPLICANT

JENNIFER BLACKMAN, GENERAL MANAGER BOLINAS COMMUNITY PUBLIC UTILITY DISTRICT 270 ELM ROAD P.O. BOX 390 BOLINAS, CALIFORNIA 94924 PHONE: (415) 868-1224

ALLAN RICHARDS, P.E. STETSON ENGINEERS, INC. 2171 E. FRANCISCO BLVD. SUITE K

SAN RAFAEL, CALIFORNIA 94901 PHONE: (415) 457-0701 FACSIMILE: (415) 457-1638

## PROJECT DESCRIPTION

THE PROJECT ENTAILS INTEGRATING AN EXISTING GROUNDWATER WELL INTO BOLINAS COMMUNITY PUBLIC UTILITY DISTRICT'S ("BCPUD") DRINKING WATER DISTRIBUTION SYSTEM, PROVIDING A SUPPLEMENTAL DRINKING WATER SOURCE INTERMITTENTLY AS NEEDED FOR TEMPORARY, SEASONAL, OR EMERGENCY NEEDS. THE PROJECT INCLUDES A WATER TREATMENT PLANT TRAILER WITH UV DISINFECTION AND CHLORINATION UNITS, TWO PUMPS, TWO 4,600-GALLON TANKS TO STORE RAW AND TREATED WATER, NEW PIPELINES WITH APPURTENANCES, NEW ELECTRICAL CONNECTION AND CHAIN-LINK FENCE AROUND THE FACILITIES. THE EXISTING GROUNDWATER WELL ON APN 193-030-38, CURRETNLY USED FOR IRRIGATION. WILL SERVE AS THE SOURCE OF WATER WHEN NEEDED.

### **GENERAL NOTES**

- 1. APN 193-030-38. WHERE EXISTING GROUNDWATER WELL IS LOCATED, IS 95.3 ACRES AND OWNED BY THE BCPUD.
- 2. APN 193-020-45 AND APN 193-020-59, WHERE THE EXISTING WELL WATER PIPELINE IS LOCATED AND WHERE TWO 4,600 GALLONS TANKS AND WATER TREATMENT PLANT TRAILER WILL BE LOCATED, ARE 3.53 AND 3.43 ACRES, RESPECTIVELY. BOTH PARCELS ARE OWNED BY THE BCPUD.
- 3. THE WATER TREATMENT PLANT TRAILER AND TWO STORAGE TANKS WILL BE PLACED ON AN EXISTING GRAVEL PARKING LOT. THERE WILL BE NO GRADING ASSOCIATED WITH THE PROJECT.

### **ABBREVIATIONS**

AC ASBESTOS CEMENT

APN ACCESSOR'S PARCEL NUMBER

APPROX. APPROXIMATE

**BOLINAS COMMUNITY LAND TRUST** 

BCPUD BOLINAS COMMUNITY PUBLIC UTILITY DISTRICT

EXISTING (E) **ELEV ELEVATION** 

HIGH DESNITY POLYETHYLENE HDPE

(N) NEW

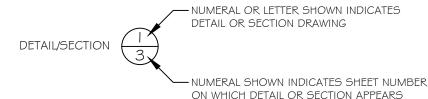
NTS NOT TO SCALE

(P) TREATED WATER (POTABLE)

TW TREATED WATER

WATER TREATMENT PLANT

## REFERENCE



No. DATE REVISION DESIGNED: DRAFTED: LS/HH CHECKED:

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WORKING DRAFT

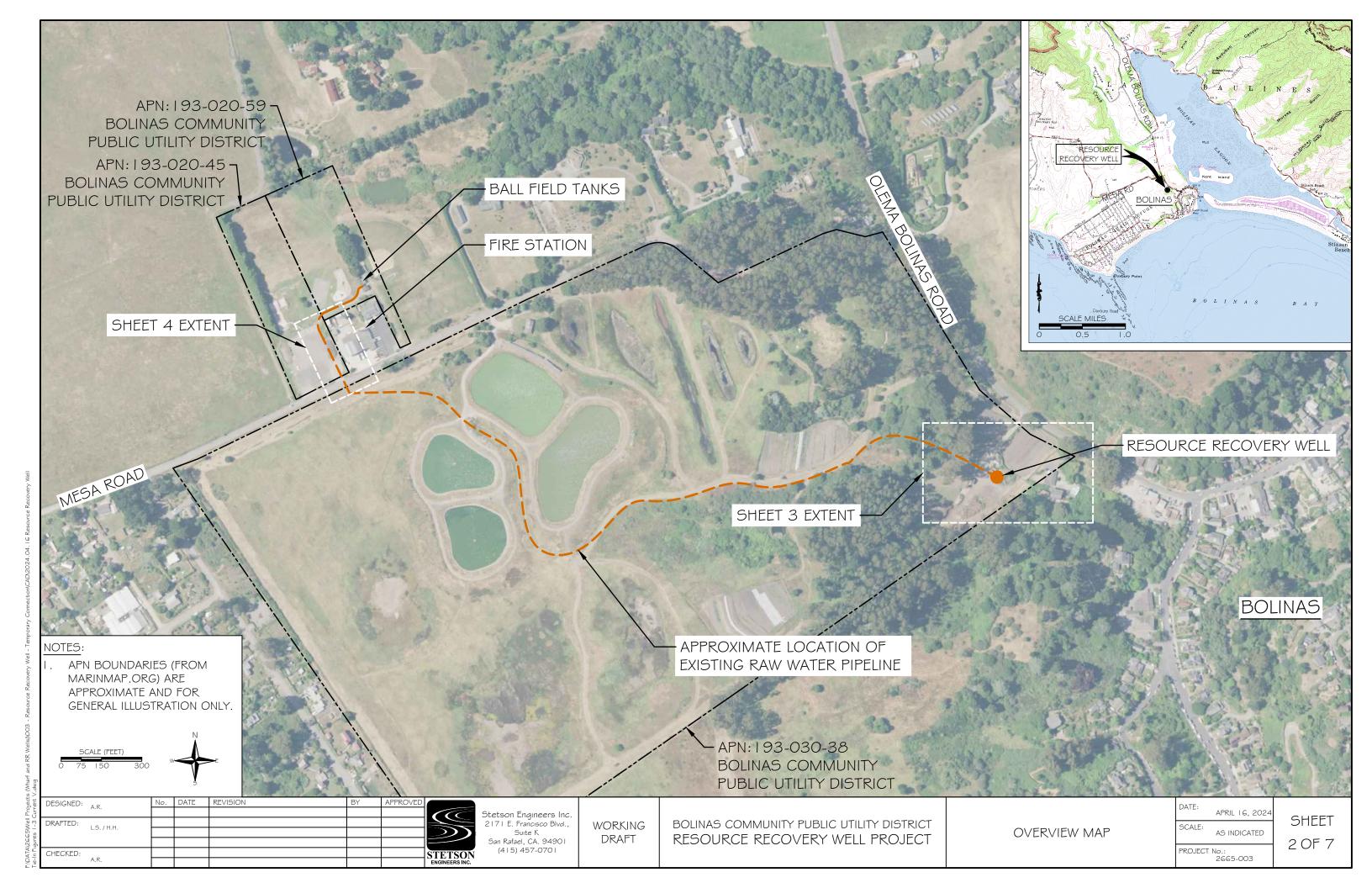
BOLINAS COMMUNITY PUBLIC UTILITY DISTRICT RESOURCE RECOVERY WELL PROJECT

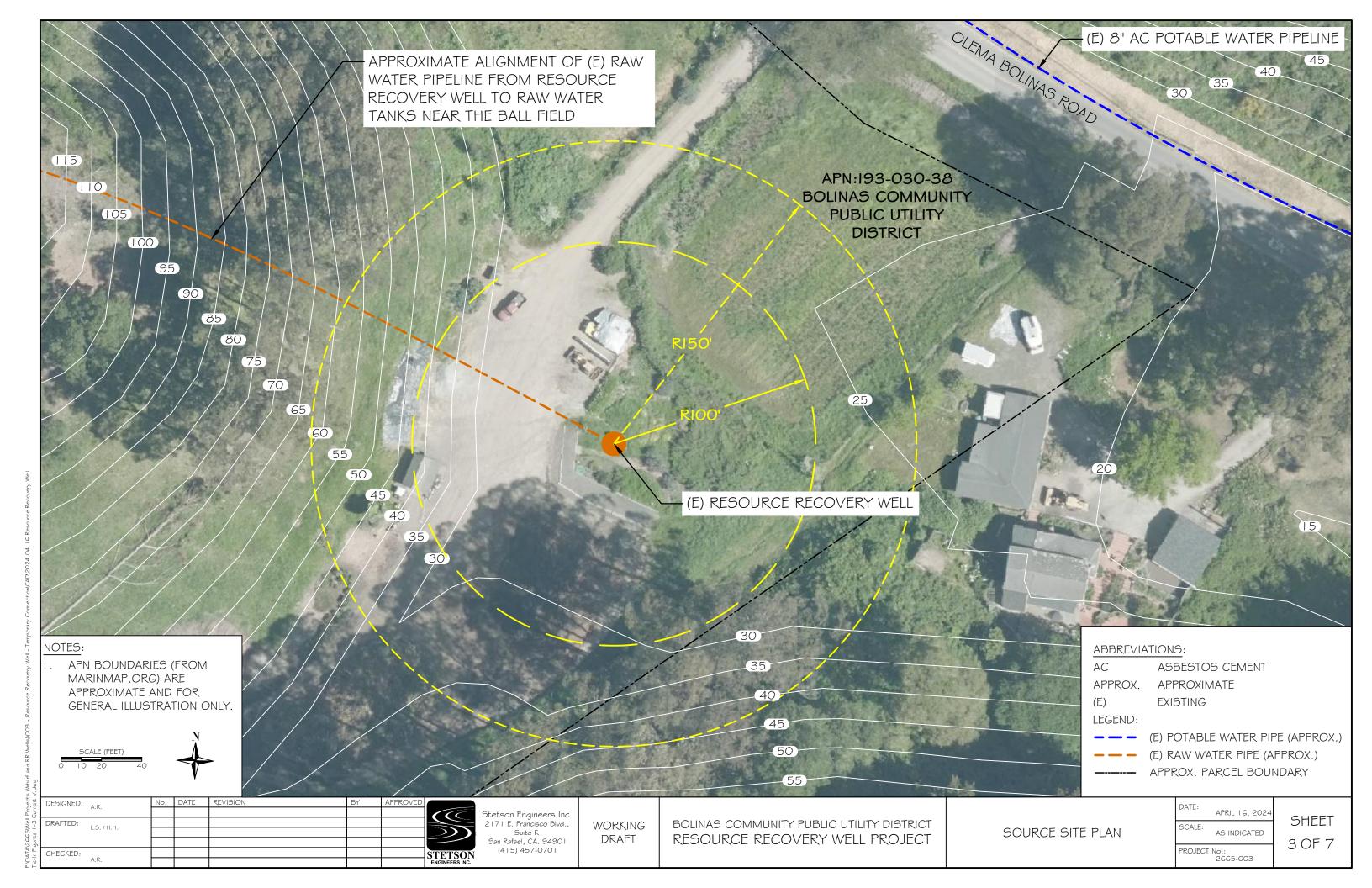
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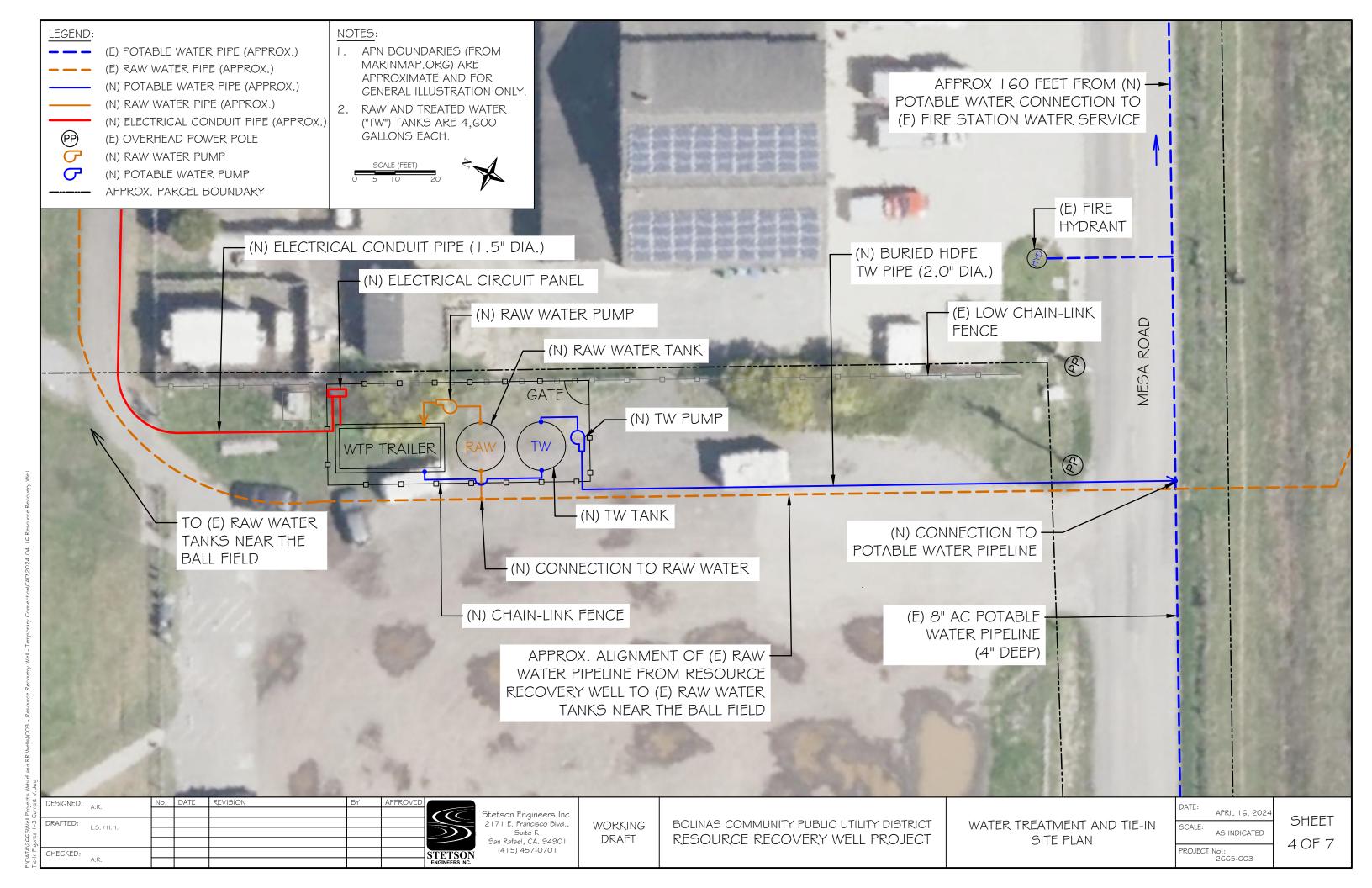
DATE: APRIL 16, 2024 SCALE: AS INDICATED PROJECT No.

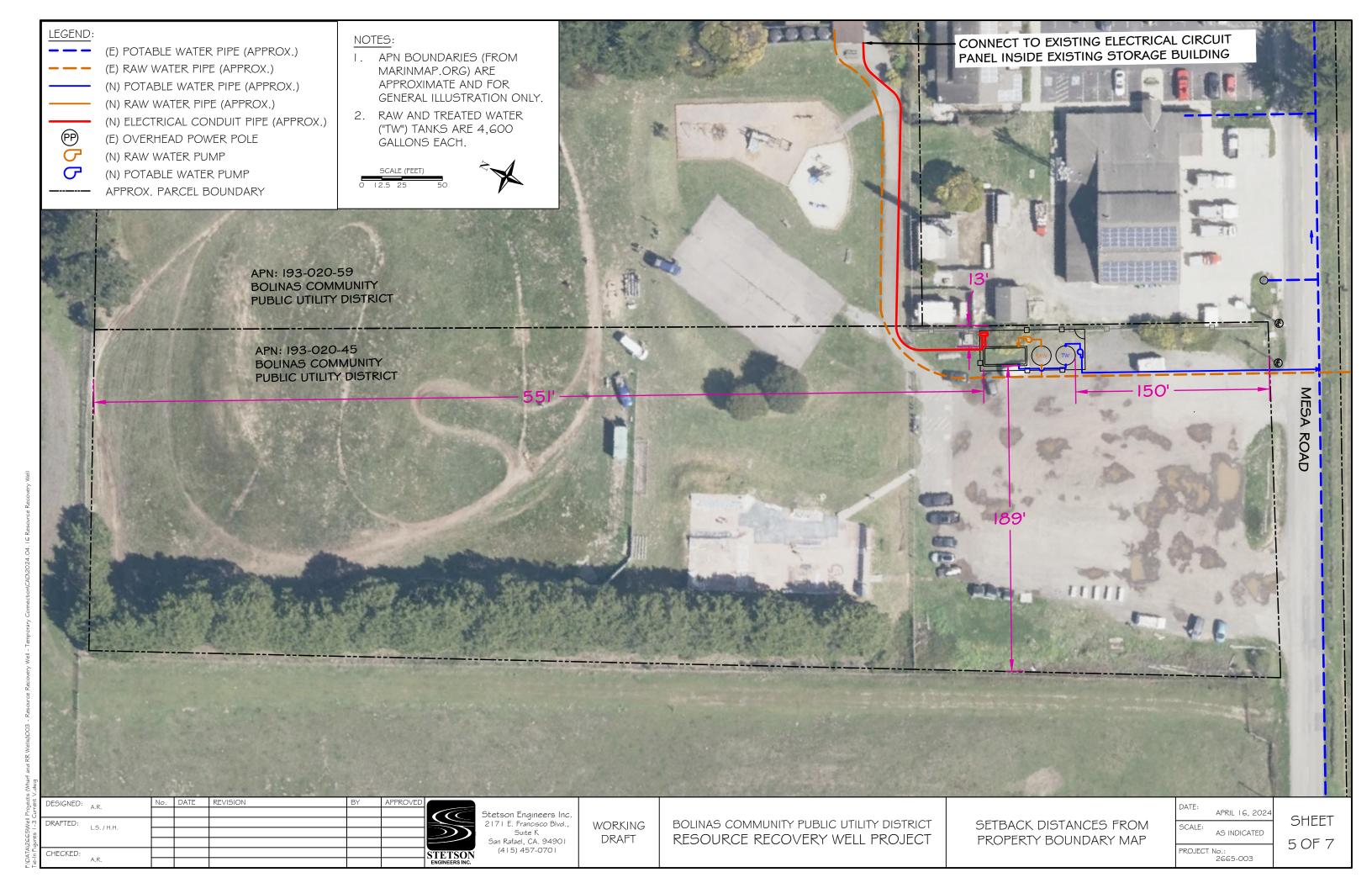
2665-003

SHEET 1 OF 7









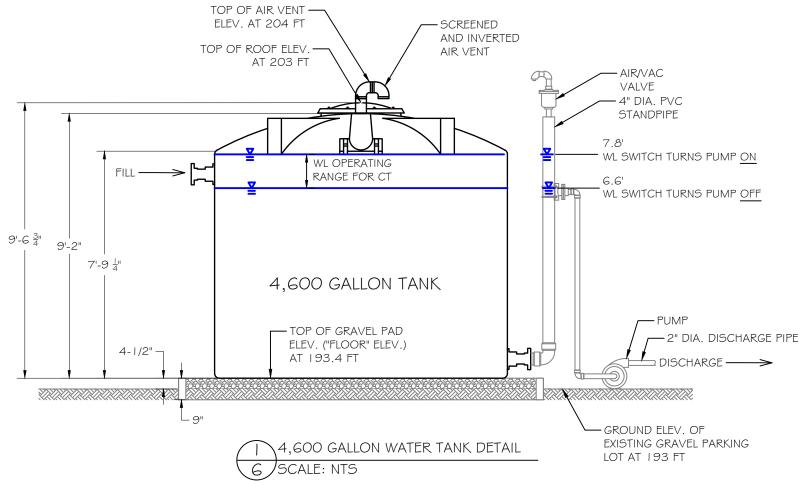


PHOTO OF ACTUAL — 4,600 GALLON TANK INTENDED FOR RAW AND TREATED WATER STORAGE (ANSI/NSF G I)



4,600 GALLON WATER TANK PHOTO
6 SCALE: NTS

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WORKING

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BOLINAS COMMUNITY PUBLIC UTILITY DISTRICT RESOURCE RECOVERY WELL PROJECT

WATER TANK DETAIL

DATE: APRIL 16, 2024

SCALE: AS INDICATED

PROJECT No.:
2665-003

SHEET 6 OF 7

— PHOTO OF TYPICAL WATER TREATMENT
PLANT TRAILER INTENDED TO STORE
WATER TREATMENT EQUIPMENT

TOP OF TRAILER ELEV. APPROX. AT 201.5 FT



GROUND ELEVATION OF EXISTING GRAVEL PARKING LOT AT 193 FT

20' WATER TREATMENT PLANT TRAILER
7 SCALE: NTS

DESIGNED: A.R.

No. DATE REVISION

BY APPROVED

DRAFTED: L.S. / H.H.

CHECKED: A.R.

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BOLINAS COMMUNITY PUBLIC UTILITY DISTRICT RESOURCE RECOVERY WELL PROJECT WATER TREATMENT PLANT TRAILER DETAIL DATE: APRIL 16, 2024

SCALE: AS INDICATED

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SHEET 7 OF 7

# RESOURCE RECOVERY WELL PROJECT BOLINAS COMMUNITY PUBLIC UTILITY DISTRICT (PLAN SET WITHOUT AERIAL IMAGERY)

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PROPERTY OWNER & COASTAL PERMIT APPLICANT JENNIFER BLACKMAN, GENERAL MANAGER

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### **ABBREVIATIONS**

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APN ACCESSOR'S PARCEL NUMBER

APPROX. APPROXIMATE

BCLT BOLINAS COMMUNITY LAND TRUST

BCPUD BOLINAS COMMUNITY PUBLIC UTILITY DISTRICT

(E) EXISTING ELEV ELEVATION

HDPE HIGH DESNITY POLYETHYLENE

(N) NEW

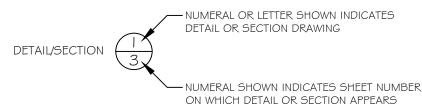
NTS NOT TO SCALE

(P) TREATED WATER (POTABLE)

TW TREATED WATER

WTP WATER TREATMENT PLANT

## REFERENCE



DESIGNED: A.R.

No. DATE REVISION

BY APPROVED

DRAFTED: L.S. / H.H.

CHECKED: A.R.

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BOLINAS COMMUNITY PUBLIC UTILITY DISTRICT RESOURCE RECOVERY WELL PROJECT

TITLE SHEET

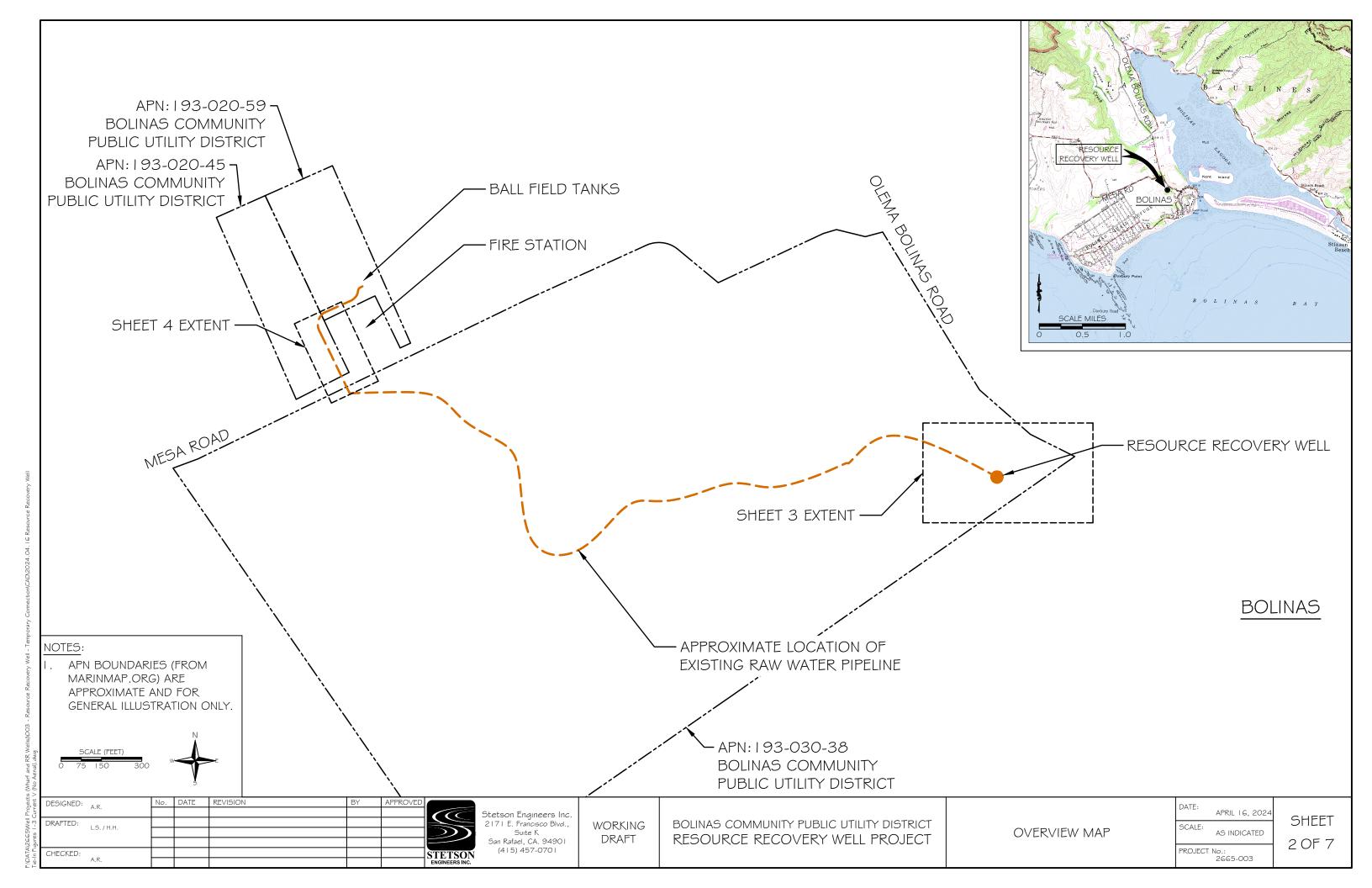
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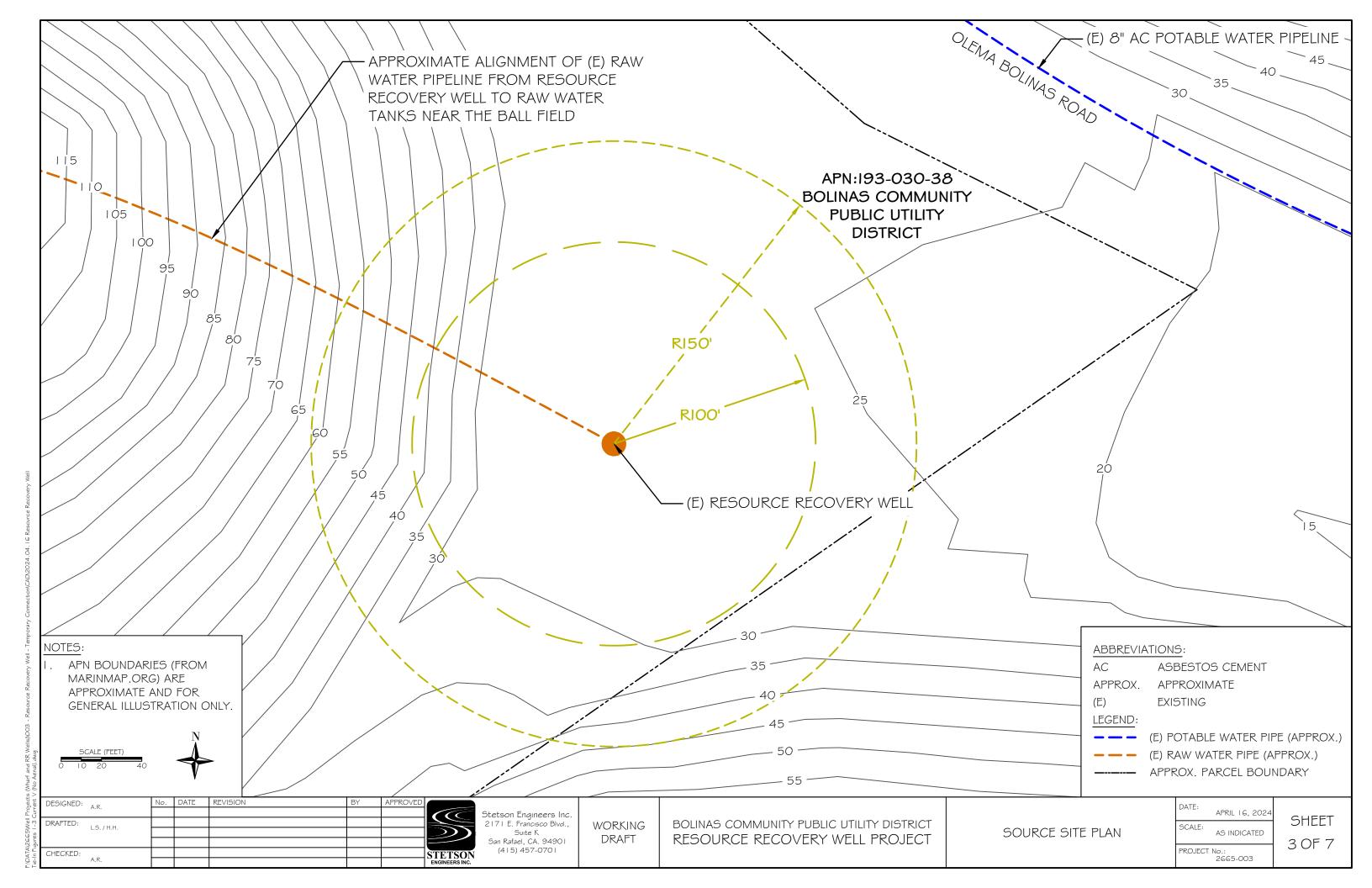
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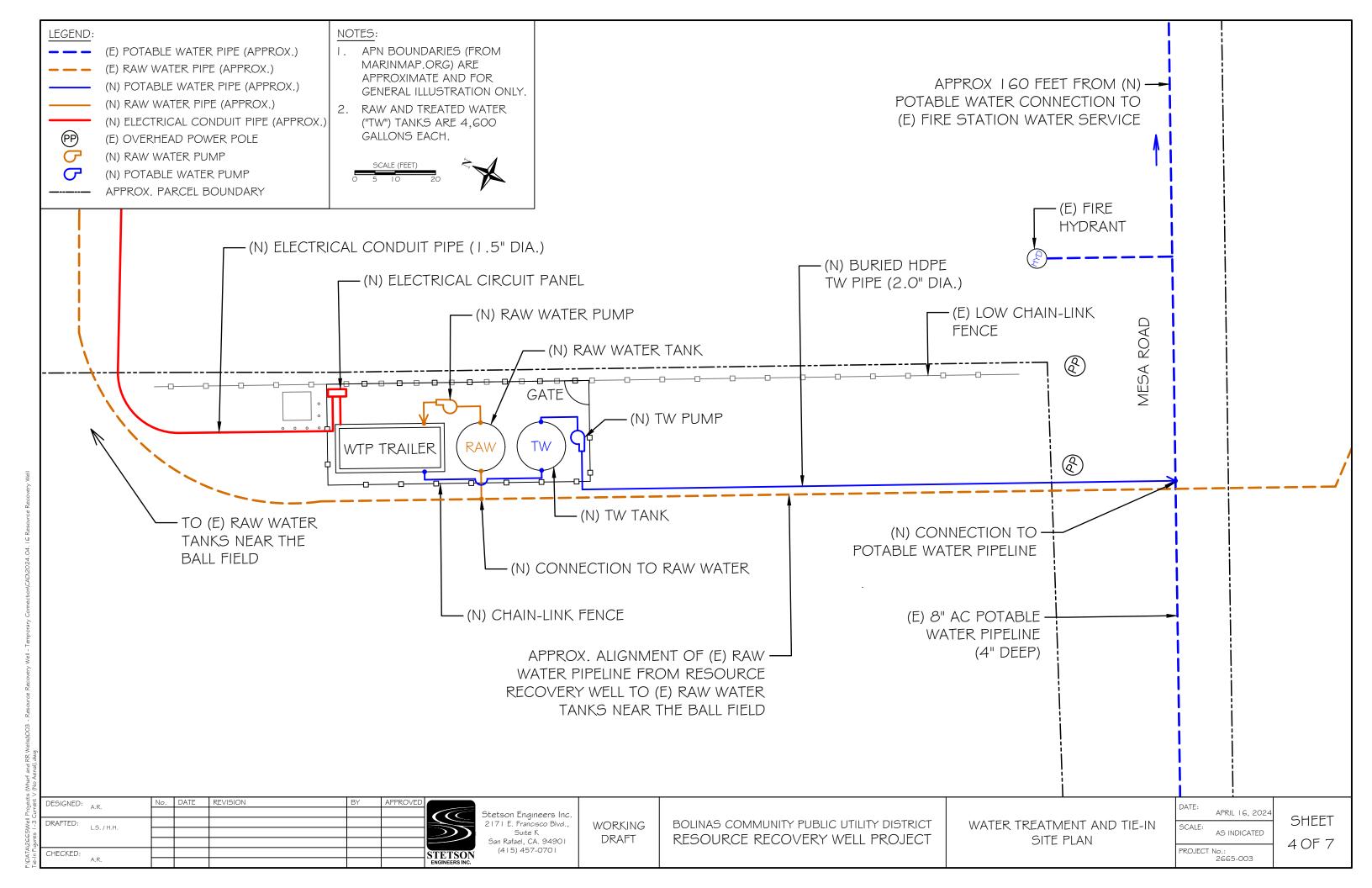
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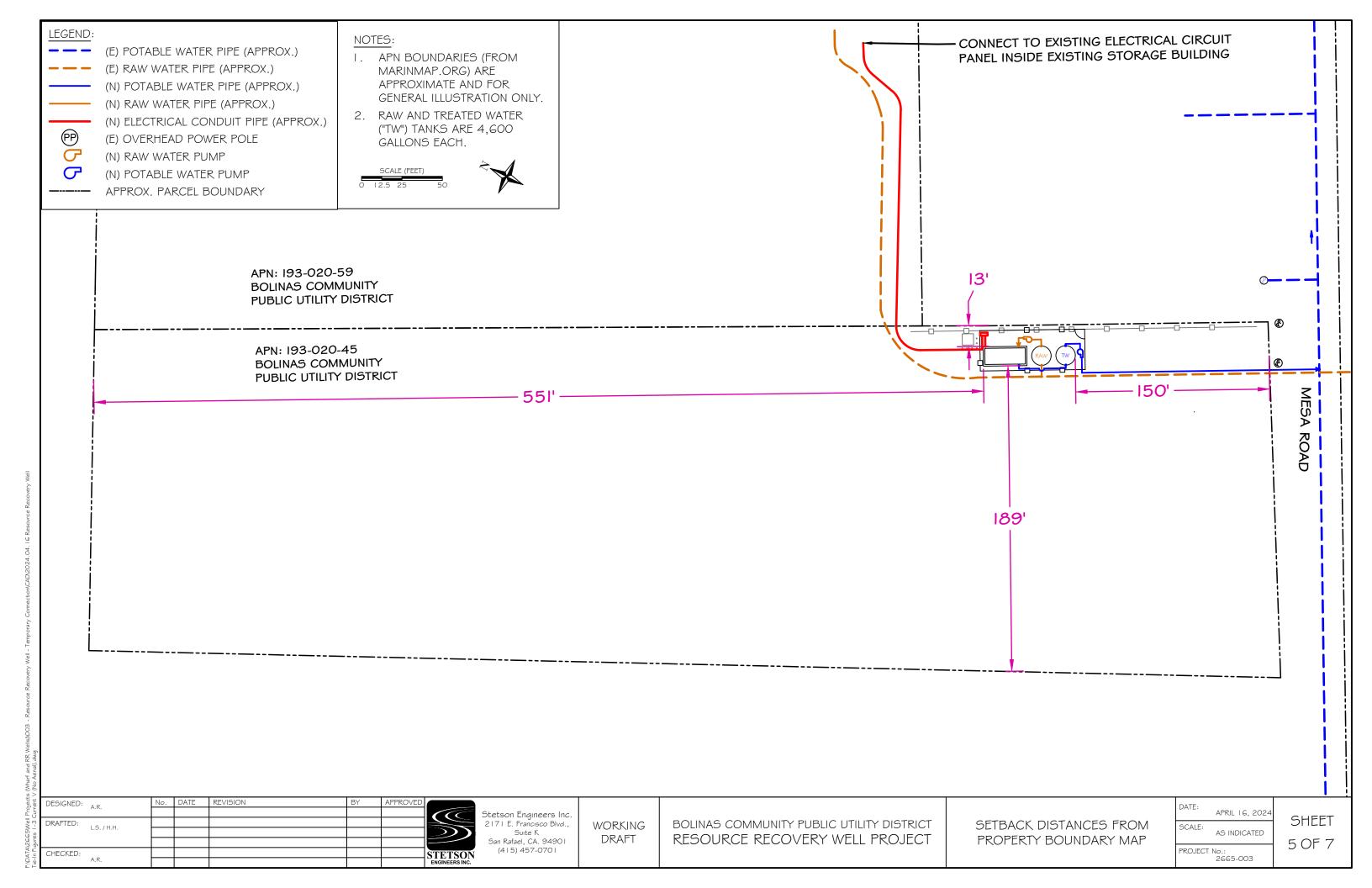
2665-003

SHEET I OF 7









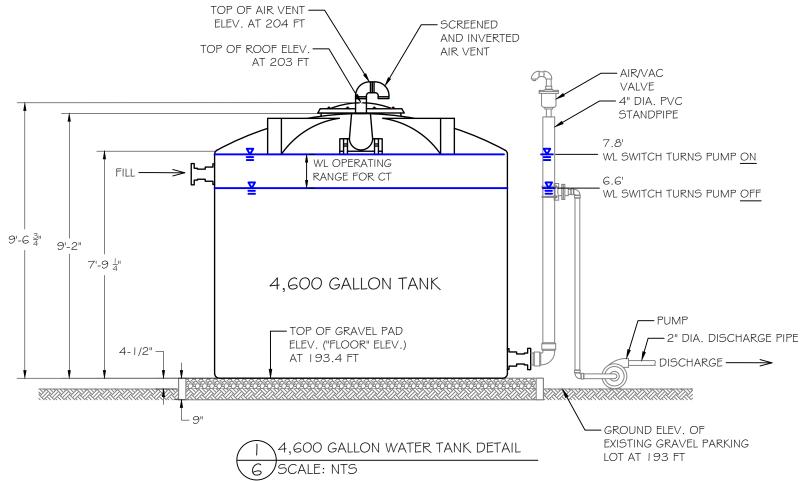


PHOTO OF ACTUAL — 4,600 GALLON TANK INTENDED FOR RAW AND TREATED WATER STORAGE (ANSI/NSF 61)



2 4,600 GALLON WATER TANK PHOTO
6 SCALE: NTS

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BOLINAS COMMUNITY PUBLIC UTILITY DISTRICT RESOURCE RECOVERY WELL PROJECT

WATER TANK DETAIL

DATE: APRIL 16, 2024

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SHEET 6 OF 7

- PHOTO OF TYPICAL WATER TREATMENT PLANT TRAILER INTENDED TO STORE WATER TREATMENT EQUIPMENT

TOP OF TRAILER ELEV. APPROX. AT 201.5 FT



GROUND ELEVATION OF EXISTING GRAVEL PARKING LOT AT 193 FT

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WATER TREATMENT PLANT TRAILER DETAIL DATE: APRIL 16, 2024

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