



STORM WATER
GRANT

AGREEMENT NO. D2112144

by and between

TWAIN HARTE COMMUNITY SERVICES DISTRICT ("Recipient")

AND

CALIFORNIA STATE WATER RESOURCES CONTROL BOARD ("State Water Board")

for the purpose of the

TWAIN HARTE COMMUNITY STORMWATER ENHANCEMENT PROJECT ("Project")

Section 79747 of the Water Code, and Resolution No. 2019-0059.

PROJECT FUNDING AMOUNT: \$3,748,732

MATCH CONTRIBUTION: \$651,048

ESTIMATED REASONABLE PROJECT COST: \$4,833,226

ELIGIBLE WORK START DATE: JULY 1, 2021

WORK COMPLETION DATE: DECEMBER 31, 2024

FINAL REIMBURSEMENT REQUEST DATE: FEBRUARY 28, 2025

RECORDS RETENTION END DATE: DECEMBER 31, 2060

Contract
executed
May 2023



Original Scope

Site 3: Twain Harte Elementary School Improvements

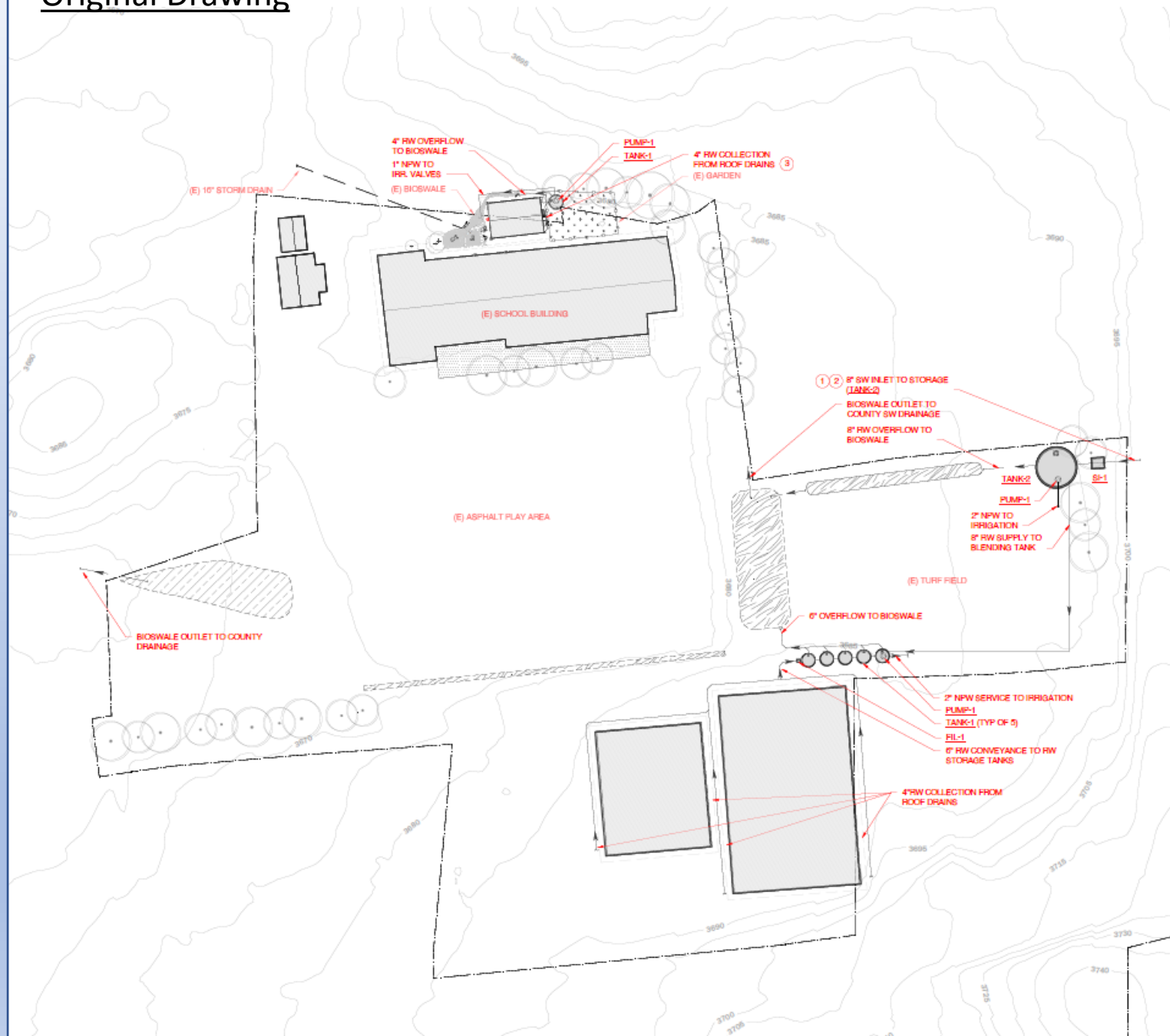
- 4.2.12 Install a minimum of six (6) rainwater collection tanks with a combined minimum storage capacity of twenty-seven thousand (27,000) gallons to capture runoff from rooftops for irrigation of Items 4.2.15, 4.2.16, and an existing garden.
- 4.2.13 Install a minimum of one (1) diversion structure including one (1) pretreatment device with a design flow rate of 0.18 cubic feet per second to convey runoff to Item 4.2.14.
- 4.2.14 Install a minimum of one (1) storage tank with a minimum design capacity of thirty-six thousand (36,000) gallons for irrigation of Items 4.2.15 and 4.2.16.
- 4.2.15 Construct a minimum of two thousand five hundred (2,500) square feet of bioswales.
- 4.2.16 Install a minimum of nine thousand six hundred (9,600) square feet of drought tolerant landscaping.

Deviation Request

- 4.2.12 Install a minimum of twelve (12) rainwater collection tanks with a combined minimum storage capacity of sixty-three thousand (63,000) gallons to capture runoff from rooftops for irrigation of Items 4.2.15, 4.2.16, and existing garden
- 4.2.13 No longer applicable
- 4.2.14 No longer applicable



Original Drawing



GENERAL NOTES:

- THE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ARE CREATED TO REPRESENT THE CONCEPTS AS ASSOCIATED WITH ON-SITE WATER REUSE AND STORM WATER MANAGEMENT / BASIN INSTALLATIONS. FOR ALL SITE DIMENSIONS AND EXACT RELATIVE LOCATIONS, FIELD CONDITION AS-BUILTS SHOULD BE REQUESTED FROM THE PROPERTY OWNER.
- REFER TO COVER SHEET FOR LEGEND AND ABBREVIATIONS.
- ALL EXISTING TANKS, PIPING, AND ELECTRICAL WORK WILL BE AVOIDED AND PROTECTED WHEN NECESSARY THROUGHOUT CONSTRUCTION.
- 811 - KNOW WHAT'S BELOW - CALL BEFORE YOU DIG

SHEET NOTES:

- PROVIDE BELOW GRADE, PRE-FILTRATION / SEDIMENT INTERCEPTOR (SI-1) UPSTREAM OF TANK INLET. PROVIDE MANHOLE/ACCESS FOR MAINTENANCE. REFER TO DETAILS AND SCHEDULES FOR INFORMATION.
- SYSTEM COLLECTION INCLUDES STORMWATER RUNOFF FROM UPSTREAM MARKET MARKET STORMWATER PLAN TO BE DEVELOPED IN PHASE 2.
- PROVIDE FIRST FLUSH DEVICES AT EACH DOWNSPOUT (TYP OF 2) AS MEANS OF PRE-FILTRATION TO RW STORAGE TANK. REFER TO DETAILS FOR FIRST FLUSH INFORMATION.
- ALL BIOSWALES WILL BE PROVIDED WITH NATIVE, CLIMATE APPROPRIATE POLLINATOR PLANTS.

LEGEND

	FENCE BOUNDARY
	EXISTING LANDSCAPE
	MINIMUM SETBACK LINE
	CONTOURS
	(PW) PANWATER CONVEYANCE
	(NPW) NON-POTABLE WATER
	PUMP
	DIRECTION OF FLOW
	PIPE CONTINUATION
	EXISTING BUILDING
	BIOSWALE
	VEGETATED BIOSWALE
	PANWATER TANK
	PERMEABLE PAVEMENT PARKING
	MAN GARDEN
	FILTRATION EQUIPMENT



TWAIN HARTÉ COMMUNITY
 STORMWATER ENHANCEMENT PROJECT - PHASE 1

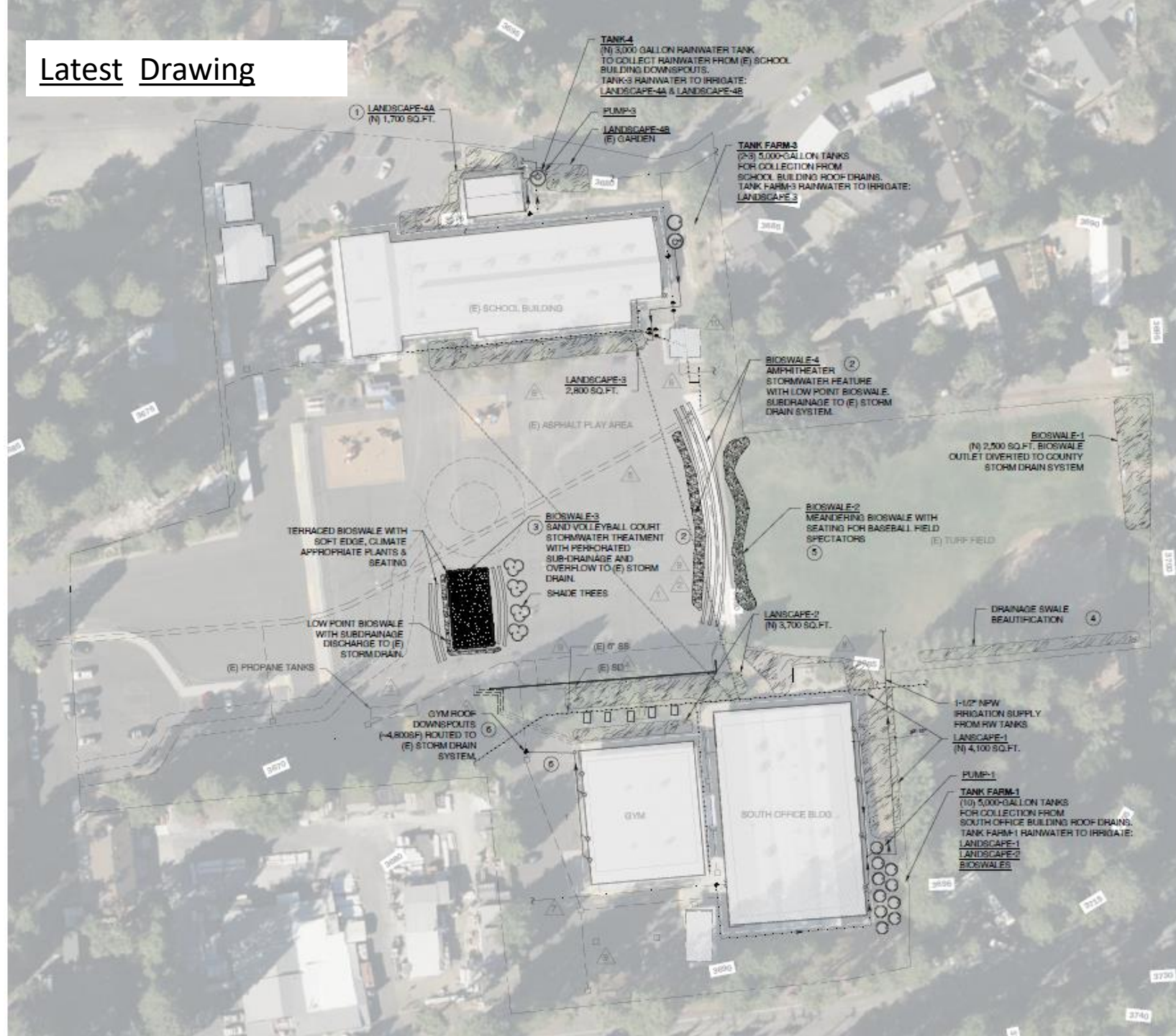
DATE:	07/28/20
PROJECT NO.:	
ISSUED:	DATE:
CHECKED:	DATE:
DESIGN BY:	
DRAWN BY:	
REVIEW BY:	

TWAIN HARTÉ
ELEMENTARY

W3.0

IN-WORK DRAFT

Latest Drawing





Project Key Dates:

- Scope and Budget Approval and Design Notice to Proceed – June 1, 2023
- Design Report and 60% Design – September 30, 2023 (Likely 12/15/23)
 - Topographic mapping delivered to Consultant – November 15, 2023. Likely 11/31/23)
- Compiled Comments from AHJ delivered to WP by TCRCB – Dec 1, 2023
- 100% Design – January 15, 2024 (Likely 2/15/23)
- DSA Exemption or Approval – February 15, 2024
 - If exempt, then need county permits for plumbing and electric
- Bid Advertisement/Bid summary - April 1, 2024
- Construction Notice to Proceed – May 30, 2024
- Construction June 7, 2024 to August 16, 2024
- As-Builts - October 2024
- Landscape installation – November 2024



Budget

GRANT PROGRAM				
DETAILED APPLICATION BUDGET DETAILS				
Applicant: Twain Harte Community Services District			FAAST PIN: 46080	
Project Title: Twain Harte Community Stormwater Enhancement Project			Breakdown of 'Totals' Column(K) by Funding Source See Note 9 in Read Me Tab Before Completion	
Budget Category	Percent of Cost	TOTALS	Prop 1 SWGP Grant	Prop 1 SWGP Match
1. Direct Project Administration Costs	1.0%	\$8,400	\$6,000	\$2,400
2. Planning/Design/Engineering/ Environmental	18.1%	\$157,584	\$ 130,584.00	\$ 27,000.00
3. Construction/Implementation	79.1%	\$687,630	\$ 678,670.00	\$ 8,960.00
4. Equipment Purchases Over \$5,000*	0.0%	\$0	\$0	\$0
5. Monitoring/Performance	0.8%	\$6,600	\$ 6,600.00	\$ -
6. Education/Outreach	1.1%	\$9,625	\$7,625	\$2,000
Grand Total:	100%	\$869,839	\$829,479	\$40,360