

TWAIN HARTE COMMUNITY SERVICES DISTRICT Park and Recreation/Citizens' Committee Meeting

Chair: *Charlotte Bohlman*

Co-Chair: *Eileen Mannix*

Citizen Members: *Julie Cowell & John Kinsfather*

**THCSD CONFERENCE ROOM
22912 VANTAGE POINTE DR., TWAIN HARTE
January 4, 2023 12:30 p.m.**

NOTICE: Public May Attend this Meeting In-Person. Facial coverings are recommended for any person attending, regardless of vaccination status.

The meeting will be accessible via ZOOM for anyone that chooses to participate virtually:

- Videoconference Link: <https://us02web.zoom.us/j/84162834768>
 - Meeting ID: 841 6283 4768
 - Telephone: (669) 900-6833
- ❖ Teleconference Location (Director Bohlman): 5906 Victor St., Dallas TX 75214

AGENDA

1. **Fiscal Year 2022-23 Park Fund donations update.**
2. **Update on Twain Harte Meadows Park Project.**
3. **Discuss Proposition 68 Per Capita Grant projects.**
4. **Review draft Fiscal Year 2022-23 Park Fund mid-year budget adjustment.**
5. **Adjourn.**

HOW TO VIRTUALLY PARTICIPATE IN THIS THIS MEETING

The public can virtually observe and participate in a meeting as follows:

- **Computer:** Join the videoconference by clicking the videoconference link located at the top of this agenda or on our website. You may be prompted to enter your name and email. Your email will remain private and you may enter "anonymous" for your name.
- **Smart Phone/Tablet:** Join the videoconference by clicking the videoconference link located at the top of this agenda OR log in through the Zoom mobile app and enter the

Meeting ID# and Password found at the top of this agenda. You may be prompted to enter your name and email. Your email will remain private and you may enter “anonymous” for your name.

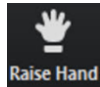
- **Telephone:** Listen to the meeting by calling Zoom at (4669) 900-6833. Enter the Meeting ID# listed at the top of this agenda, followed by the pound (#) key.

* NOTE: your personal video will be disabled and your microphone will be automatically muted.

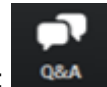
SUBMITTING PUBLIC COMMENT

The public will have an opportunity to comment before and during the meeting as follows:

- **Before the Meeting:**
 - Email comments to ksilva@twainhartecsd.com, write “Public Comment” in the subject line. In the body of the email, include the agenda item number and title, as well as your comments.
 - Mail comments to THCS Board Secretary: P.O. Box 649, Twain Harte, CA 95383
- **During the Meeting:**
 - Computer/Tablet/Smartphone: Click the “Raise Hand” icon and the host will unmute your audio when it is time to receive public comment. If you would rather make a comment in writing, you may click on the “Q&A” icon and type your comment. You may need to tap your screen or click on “View Participants” to make icons visible.



Raise Hand Icon:



Q&A Icon:

- Telephone: Press *9 if to notify the host that you have a comment. The host will unmute you during the public comment period and invite you to share comments.
- In-Person: Raise your hand and the Board Chairperson will call on you.

* NOTE: If you wish to speak on an item on the agenda, you are welcome to do so during consideration of the agenda item itself. If you wish to speak on a matter that does not appear on the agenda, you may do so during the Public Comment period. Persons speaking during the Public Comment will be limited to five minutes or depending on the number of persons wishing to speak, it may be reduced to allow all members of the public the opportunity to address the Board. Except as otherwise provided by law, no action or discussion shall be taken/conducted on any item not appearing on the agenda. Public comments must be addressed to the board as a whole through the President. Comments to individuals or staff are not permitted.

MEETING ETIQUETTE

Attendees shall make every effort not to disrupt the meeting. Cell phones must be silenced or set in a mode that will not disturb District business during the meeting.

ACCESSIBILITY

Board meetings are accessible to people with disabilities. In compliance with the Americans with Disabilities Act, those requiring accommodations for this meeting should notify the District office 48 hours prior to the meeting at (209) 586-3172.

WRITTEN MEETING MATERIALS

If written materials relating to items on this Agenda are distributed to Board members prior to the meeting, such materials will be made available for public inspection on the District’s website:

www.twainhartecsd.com

TWAIN HARTE COMMUNITY STORMWATER ENHANCEMENT PROJECT: THE MEADOWS



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 WWW.WATERSHEDPROGRESSIVE.COM
 209.732.0018
 CENTRAL SIERRA OFFICE
 18653 MAIN STREET
 GROVELAND, CALIFORNIA 95321
 OJAI OFFICE
 206 N. SIGNAL ST., SUITE S
 OJAI, CALIFORNIA 93023

CLIENT

TWAIN HARTE COMMUNITY SERVICES DISTRICT
 22945 MEADOW DRIVE
 TWAIN HARTE, CA 95383

PROJECT SUMMARY

THE TWAIN HARTE MEADOWS PARK WILL BE ONE COMPONENT OF THE LARGER, COMMUNITY-SCALE TWAIN HARTE COMMUNITY STORMWATER ENHANCEMENT PROJECT (THCSEP). THE INTENT OF THE MEADOWS PARK DESIGN WILL BE TO TREAT STORMWATER AS IT PASSES THROUGH THE SITE AS WELL AS PROVIDE DEMONSTRATION OF LOW IMPACT STORMWATER MANAGEMENT TOOLS FOR ENGAGEMENT OF THE YOUTH AS WELL AS THE WIDER TWAIN HARTE COMMUNITY.

MEADOWS PARK, WHEN COMBINED WITH OTHER THCSEP PROJECTS AIMS TO CUMULATIVELY CAPTURE, TREAT, INFILTRATE AND/OR REUSE STORMWATER.

SHEET INDEX

L0.0	COVER SHEET
L0.1	STORMWATER BENEFITS
L1.1	EXISTING CONDITIONS SURVEY AND DEMOLITION
L1.2	DEMOLITION AND EROSION CONTROL DETAILS
L2.1	GRADING AND DRAINAGE PLAN
L2.2	GRADING AND DRAINAGE SECTIONS
L2.3	GRADING AND DRAINAGE DETAILS
L2.4	GRADING AND DRAINAGE DETAILS
L2.5	GRADING AND DRAINAGE DETAILS
L3.1	MATERIALS PLAN
L3.2	LAYOUT PLAN
L3.3	MATERIALS DETAILS
L3.4	MATERIALS DETAILS
L4.1	IRRIGATION PLAN
L4.2	IRRIGATION SCHEDULE NOTES
L4.3	IRRIGATION DETAILS
L5.1	PLANTING PLAN
L5.2	PLANTING SCHEDULE
L5.3	PLANTING DETAILS
L6.1	WATER REUSE AND UTILITIES PLAN
L6.2	WATER REUSE AND UTILITIES SCHEDULE
L6.3	WATER REUSE AND UTILITIES DETAILS
L6.4	WATER REUSE AND UTILITIES DETAILS
L6.5	WATER REUSE AND UTILITIES DETAILS
L6.6	WATER REUSE AND UTILITIES DETAILS
L7.1	LIGHTING AND ELECTRICAL PLAN
L7.2	LIGHTING AND ELECTRICAL NOTES
L7.3	LIGHTING AND ELECTRICAL DETAILS
L8.1	DISCOVERY LABS KEY PLAN
L9.1	AS-BUILT BOCCO COURT SITE PLAN

PROJECT TEAM

WATERSHED PROGRESSIVE

CENTRAL SIERRA OFFICE
 18653 MAIN STREET
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CENTRAL COAST OFFICE
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PRINCIPAL
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 REGINA@H2OPROGRESSIVE.COM

PROJECT MANAGER
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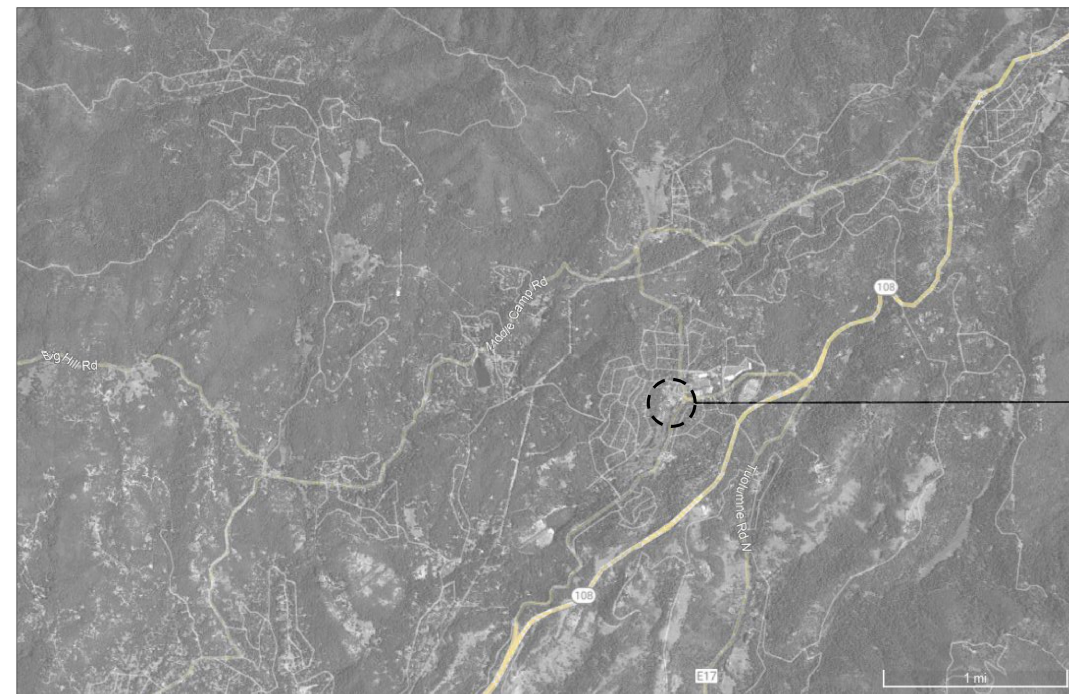
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PROJECT LEAD LANDSCAPE DESIGNER
 AJA BULLA-RICHARDS
 AJA@H2OPROGRESSIVE.COM

ABBREVIATIONS

(E)	EXISTING
(N)	NEW
LOD	LIMIT OF DISTURBANCE
POC	POINT OF CONNECTION
VAC	AC VOLTAGE
CW	COLD WATER
RW	RAINWATER
GW	GREYWATER
SW	STORMWATER
LP	LOW POINT
HP	HIGH POINT

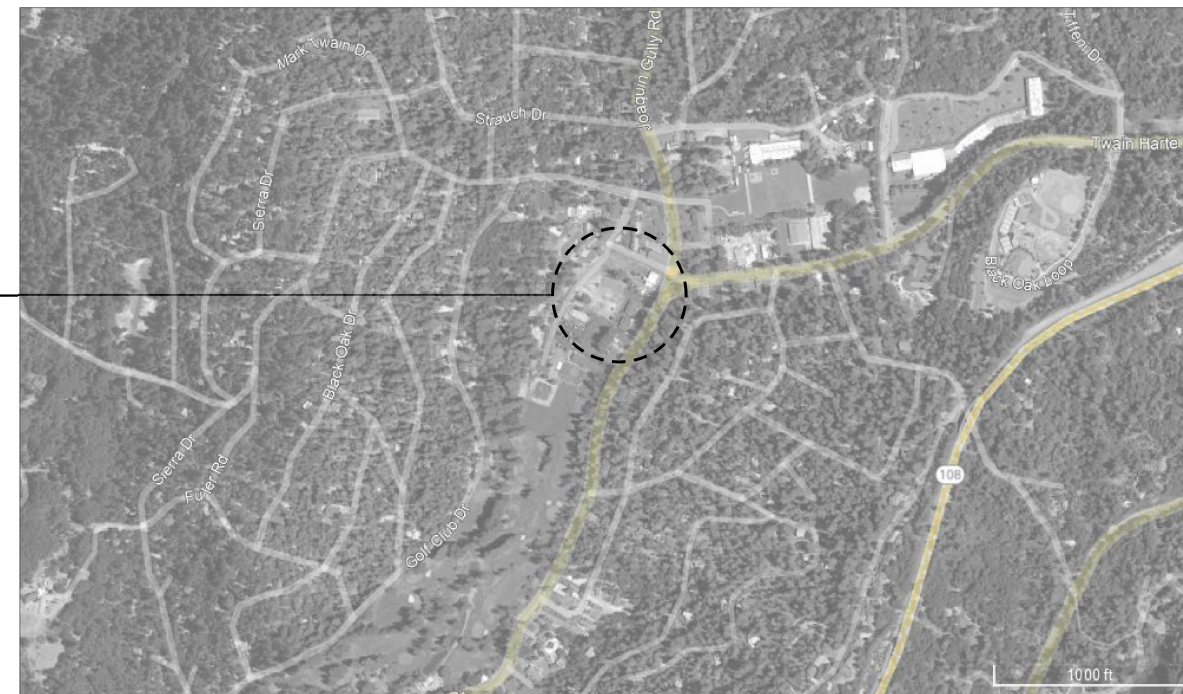
VICINITY MAP



PROJECT VICINITY



PROJECT LOCATION MAP



PROJECT LOCATION



Twain Harte Community Stormwater Enhancement Project
 The Meadows
 22945 Meadow Drive, Twain Harte, CA, 95383

DATE:	
PROJECT NO.	
REVISION	DATE
1 60% DRAFT TO CSD	05.31.22
2 60% TO CSD	06.15.22
3 60% TO SWB	07.28.22
4 100% TO CSD	12.14.22
5	
6	
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DRAWN BY:	MSJS
REVIEW BY:	JPB, RH

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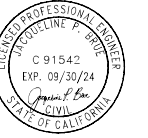
COVERSHEET

L0.0

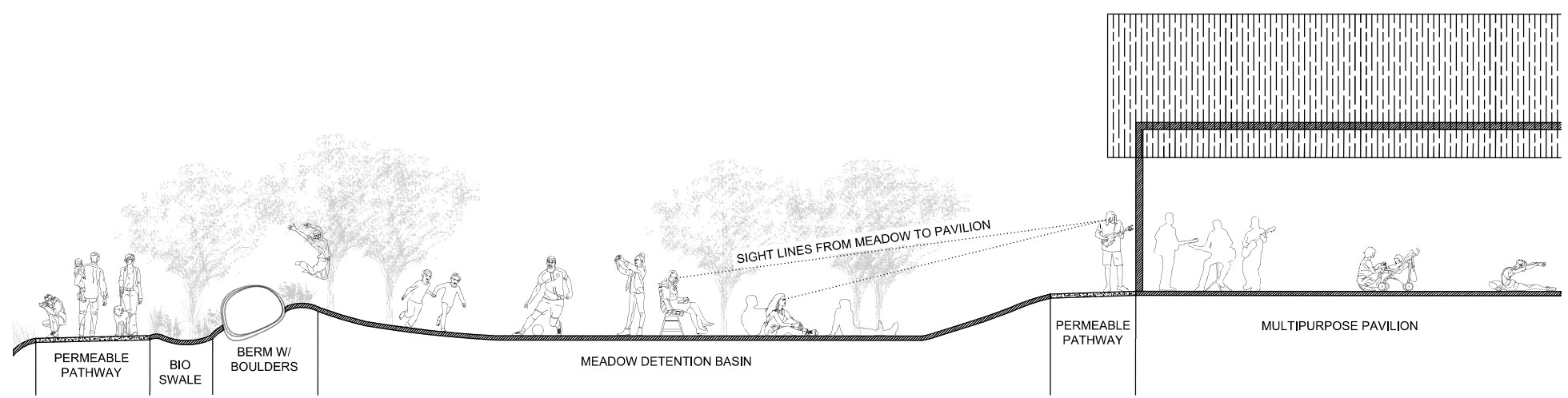
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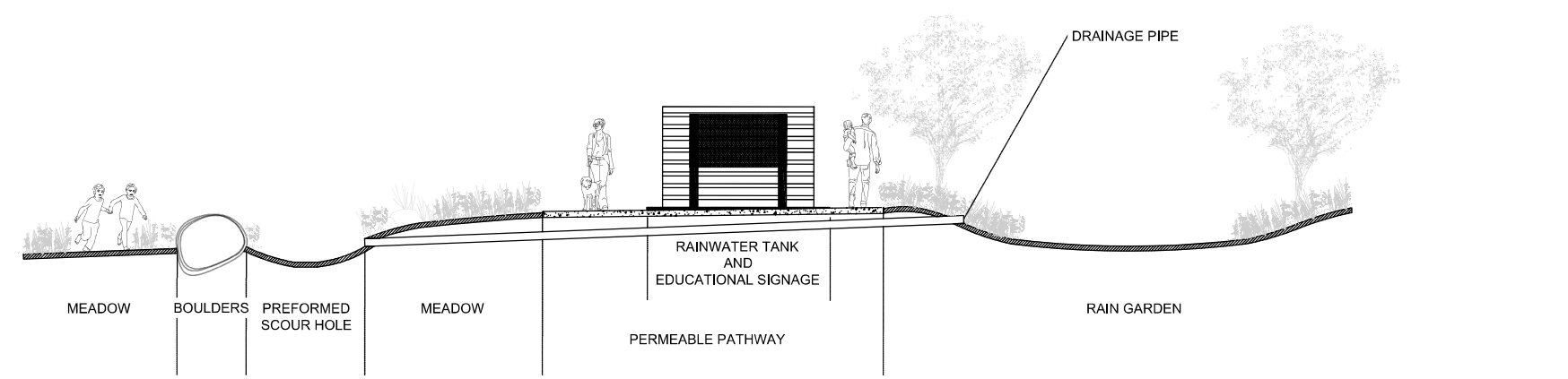
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The Meadows
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1 SECTION: PAVILION AND MEADOW



2 SECTION: RAIN GARDEN TO MEADOW

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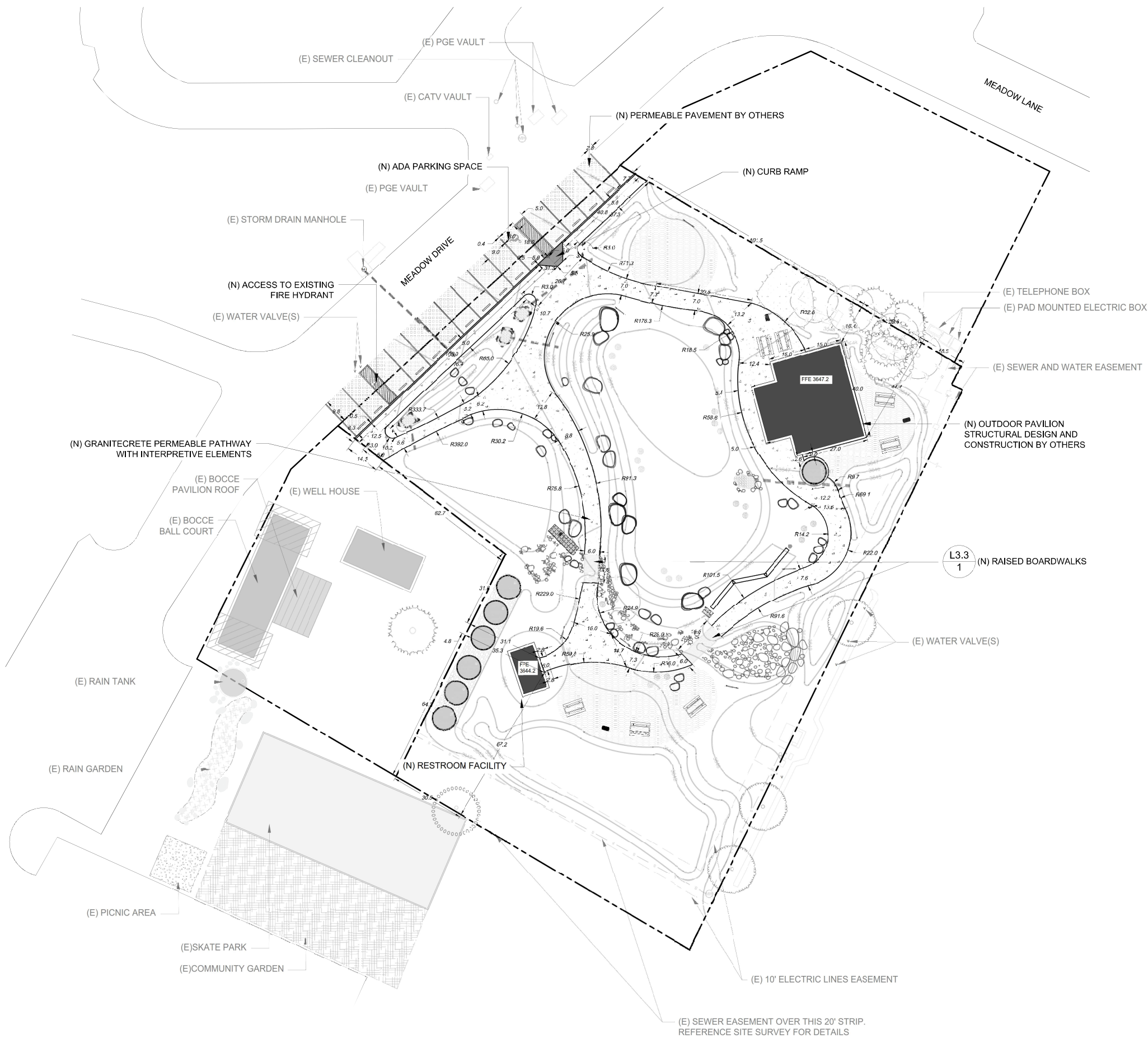
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 DRAWN BY: JS, MS
 REVIEW BY: RH, NS, JPB

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GRADING AND DRAINAGE SECTIONS

L2.2

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GENERAL NOTES

- A. ALL EXISTING ACTIVE UTILITIES WORK SHALL BE AVOIDED AND PROTECTED WHEN NECESSARY THROUGHOUT CONSTRUCTION.
- B. 811 - KNOW WHAT'S BELOW - CALL BEFORE YOU DIG
- C. ALL PATHWAYS SHALL BE A MINIMUM OF 48" IN WIDTH TO COMPLY WITH CALIFORNIA ADA REQUIREMENTS.
- D. TOPOGRAPHIC DATA SHOWN IS BASED ON A SURVEY CONDUCTED BY DAVID H. RAGLAND ENGINEERING AND LAND SURVEYING IN MAY 2022. THE ELEVATIONS SHOWN ON THIS SHEET ARE REFERENCED TO AN ELLIPSOID GPS OBSERVATION. THE CONVERSION FROM THIS DATUM TO NAVD88 IS -4 FT AT TWAIN HARTE MEADOWS PARK.



LEGEND

- PROPERTY BOUNDARY
- SANITARY SEWER
- WATER
- FENCE
- PROPOSED CONTOUR
- WATER VALVE
- MANHOLE
- FIRE HYDRANT
- SEWER CLEAN-OUT
- (E) EXISTING
- (N) NEW

PLANT LEGEND

- | EXISTING | BOTANICAL / COMMON NAME |
|----------|---|
| | <i>Calocedrus decurrens</i>
Incense Cedar |
| | <i>Pinus ponderosa</i>
Ponderosa Pine |
| | <i>Quercus agrifolia</i>
Coast Live Oak |
| | <i>Quercus kelloggii</i>
California Black Oak |
| | <i>Salix</i> spp.
Salix spp. |
| | SHRUB AREAS
Existing Willow and Blackberry Thicket |

MATERIALS LEGEND

- BOULDERS
- GRANITECRETE PERMEABLE PATHWAY
- PERMEABLE PAVERS
- MULCH
- GRAVEL
- PICNIC TABLE
- BBQ/GRILL
- FLUME WATER FEATURE
- RAISED BOARDWALK
- STEPPING STONE
- EDUCATIONAL SIGNAGE

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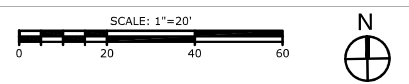
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LAYOUT PLAN

L3.2

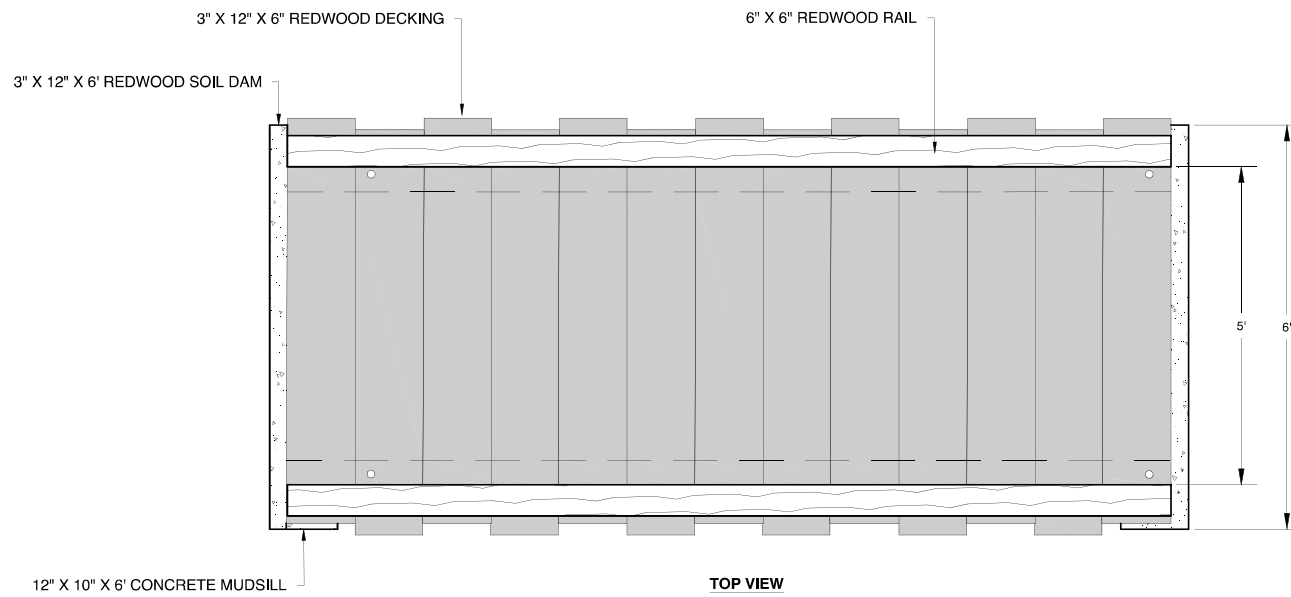
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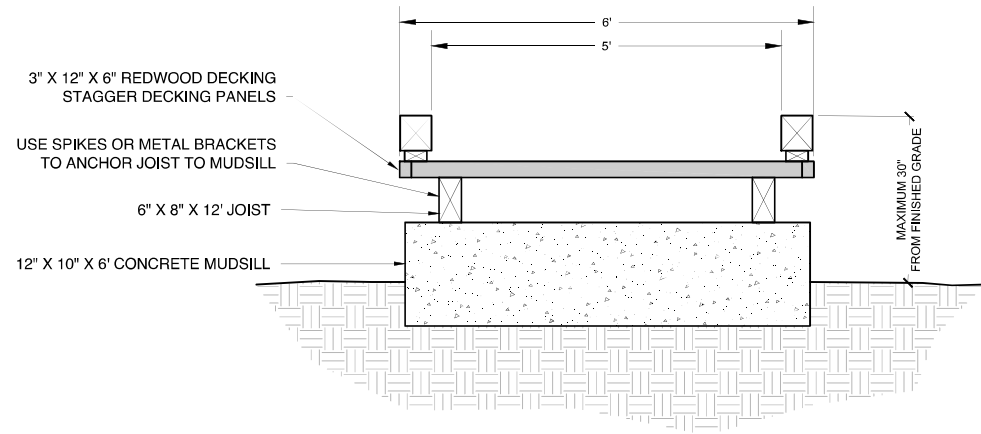


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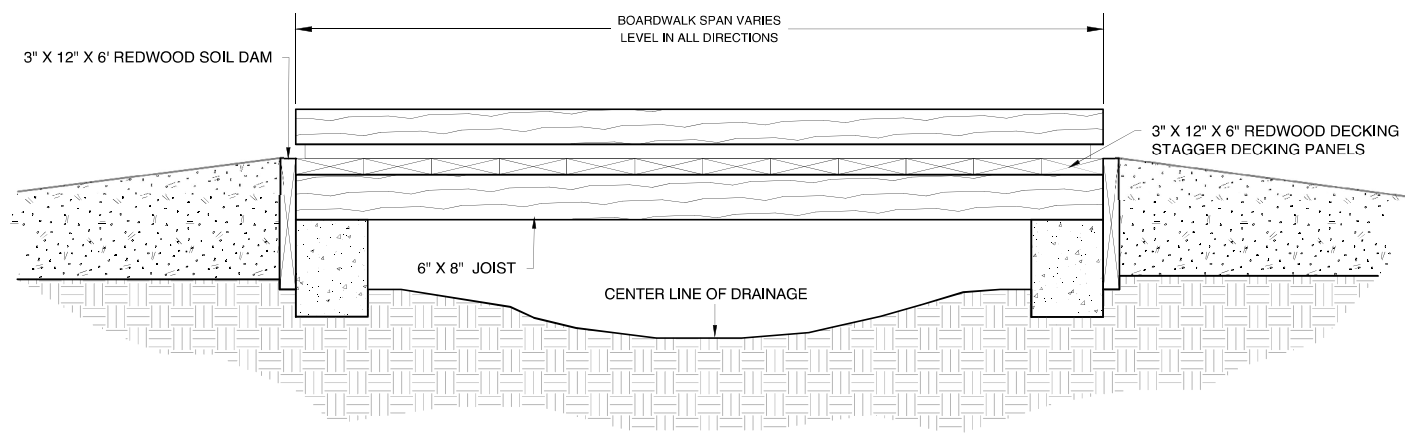
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 The Meadows
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TOP VIEW

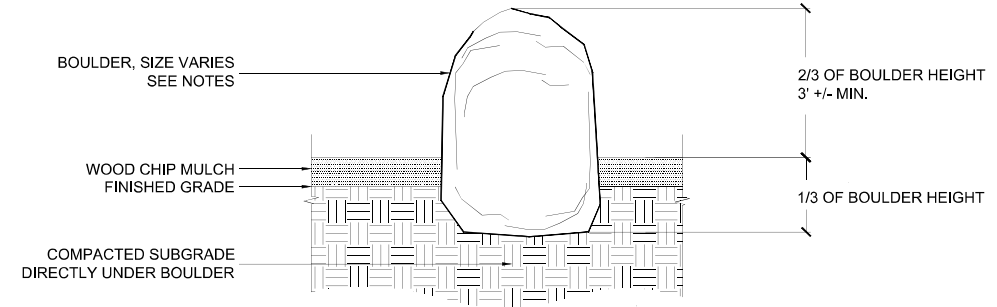


END VIEW



SIDE VIEW

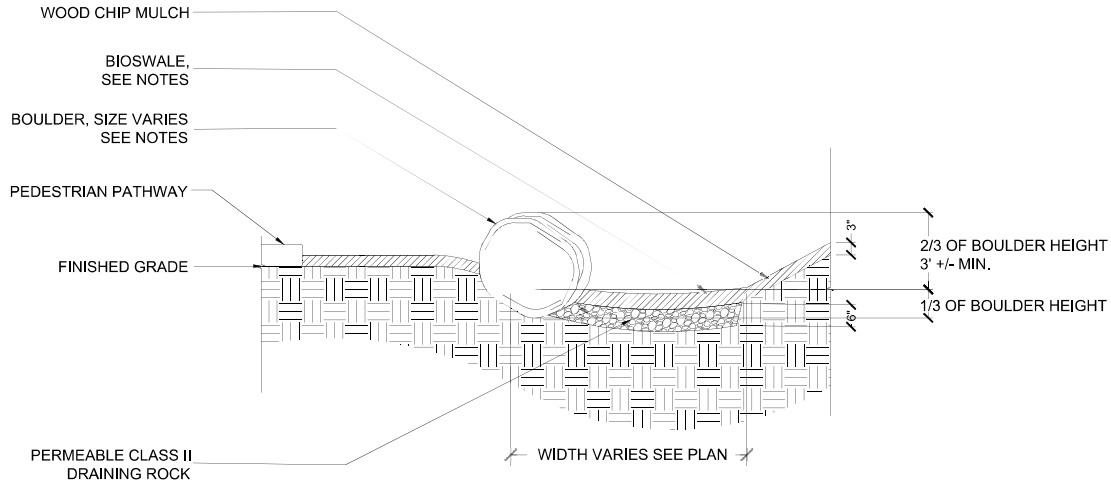
1 BOARDWALK DETAIL
 NOT TO SCALE



NOTES:

1. DETAIL APPLIES TO BOULDERS THAT ARE 1' IN DIAMETER OR GREATER.
2. BOULDERS SHALL BE FREE OF CRUMBLING, SHARP CORNERS, OPEN CRACKS OR HOLES. GRIND SMOOTH FOR SHARP CORNERS. BOULDERS SHALL BE SET FIRMLY INTO THE SOIL SO THAT THEY WILL NOT ROLL, ROTATE, OR SETTLE.
3. TWAIN HARTE CSD TO PROVIDE BOULDERS. IF ANY ADDITIONAL BOULDERS ARE REQUIRED, FINAL BOULDER SELECTION TO BE APPROVED BY LANDSCAPE ARCHITECT. MARK OR TAG SPECIMEN BOULDERS AT SUPPLY YARD. LANDSCAPE ARCHITECT WILL VISIT SUPPLY YARD AND INDICATE WHICH BOULDER IS APPROVED.
4. DO NOT COMPACT SOIL IN PLANTING BEDS.

2 BOULDER
 NOT TO SCALE



NOTES:

1. DETAIL APPLIES TO BOULDERS THAT ARE 1' IN DIAMETER OR GREATER.
2. LAYOUT OF DRY CREEK AND BOULDERS TO BE APPROVED BY LANDSCAPE ARCHITECT IN THE FIELD PRIOR TO INSTALLATION
3. INFILTRATION AREAS SHOULD BE EXCAVATED AND CONSTRUCTED WITH AN EXCAVATOR OPERATING OUTSIDE THE AREA FOOTPRINT. EXCAVATED MATERIAL SHOULD BE PLACED AWAY FROM THE OPEN EXCAVATION.
4. ADJACENT TRADITIONAL CONCRETE CONSTRUCTION TO OCCUR AFTER BASE COURSE PLACEMENT IS COMPLETE TO PROVIDE SUITABLE WORKING SURFACE FOR FORMS.
5. CONTRACTOR TO PROTECT BASE COURSE BY TEMPORARILY COVERING WITH PLASTIC SHEETING DURING ADJACENT CONVENTIONAL CONCRETE CONSTRUCTION.
6. PERFORM PERCOLATION TESTS IN FIELD.

3 BOULDERS IN BIOSWALE
 NOT TO SCALE

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MATERIALS DETAILS

L3.3

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PLANT LEGEND

TREES	BOTANICAL / COMMON NAME
EXISTING TREES	
	<i>Calocedrus decurrens</i> Incense Cedar
	<i>Pinus ponderosa</i> Ponderose Pine
	<i>Quercus agrifolia</i> Coast Live Oak
	<i>Quercus kelloggii</i> California Black Oak
	<i>Salix spp.</i> Salix spp.
PROPOSED TREES	
	<i>Abies concolor</i> White Fir
	<i>Calocedrus decurrens</i> Incense Cedar
	<i>Pinus lambertiana</i> Sugar Pine
	<i>Pinus ponderosa</i> Ponderosa Pine
	<i>Populus tremuloides</i> Quaking Aspen
SHRUBS	
	Existing Willow and Blackberry Thicket
	<i>Acer macrophyllum</i> Big Leaf Maple
	<i>Berberis aquifolium</i> 'Compacta' Oregon Grape
	<i>Cornus nuttallii</i> Pacific Dogwood
	<i>Corylus cornuta californica</i> Western Hazelnut
	<i>Rhododendron occidentale</i> Western Azalea
	<i>Ribes nevadense</i> Sierra Currant
	<i>Rubus parviflorus</i> Thimbleberry
	<i>Sambucus nigra</i> Black Elderberry
	<i>Symphoricarpos albus</i> Common White Snowberry
PERENNIALS	
	<i>Achillea millefolium</i> Common Yarrow
	<i>Artemisia vulgaris</i> Mugwort
	<i>Asclepias speciosa</i> Showy Milkweed
	<i>Darmera peltata</i> Indian Rhubarb
	<i>Erythranthe cardinalis</i> Scarlet Monkeyflower
	<i>Lepachia calycina</i> White Pitcher Sage
	<i>Lilium columbianum</i> Tiger Lily
GROUNDCOVERS	
	<i>Ceanothus prostratus</i> Pine Mat
	<i>Sisyrinchium angustifolium</i> Narrowleaf Blue-eyed Grass

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PLANT MIXES

Meadow Plant Mix (Refer to Table Below)

MEADOW PLANT MIX	
GRASS/RUSH/SEDGE	
<i>Carex proterialis</i>	Clustered Field Sedge
<i>Melica californica</i>	California Melicgrass
<i>Muhlenbergia rigens</i>	Deer Grass
WILDFLOWER SEED MIX (Possible Species)	
PERENNIALS	
<i>Achillea millefolium</i>	Common Yarrow
<i>Asclepias speciosa</i>	Showy Milkweed
<i>Carethraque filaginifolia</i>	California Aster
<i>Erysimum capitatum</i>	Sanddune Wallflower
<i>Helenium bigelovii</i>	Bigelow's Sneezeweed
<i>Lepachia calycina</i>	White Pitcher Sage
<i>Lilium columbianum</i>	Tiger Lily
<i>Mimulus bifidus</i>	Monkey Flower
<i>Monardella villosa</i>	Coyote Mint
<i>Penstemon azureus</i>	Azure Penstemon
<i>Penstemon heterophyllus</i>	Foothill Penstemon
<i>Rudbeckia californica</i>	California Cone Flower
GROUNDCOVERS	
<i>Arctostaphylos Uva ursi</i>	Kinnikinnick
<i>Castilleja exserta</i>	Purple Owl's Clover
<i>Collinsia tinctoria</i>	Sticky Chinese Houses
<i>Helenium bigelovii</i>	Bigelow's Sneezeweed
<i>Heuchra spp.</i>	Coral Bells
<i>Prunella vulgaris</i>	Self Heal
<i>Sisyrinchium angustifolium</i>	Baby Blue Eyes

LEGEND

- PROPERTY BOUNDARY
- SANITARY SEWER
- WATER
- FENCE
- PROPOSED CONTOUR
- EDUCATIONAL SIGNAGE
- WATER VALVE
- MANHOLE
- FIRE HYDRANT
- SEWER CLEAN-OUT
- EXISTING
- NEW
- MULCH
- GRAVEL PAD
- BOULDERS
- MODULAR TANK STORAGE
- RAIN TANK



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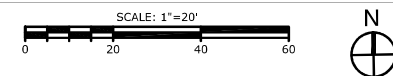
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PLANTING PLAN

L5.1

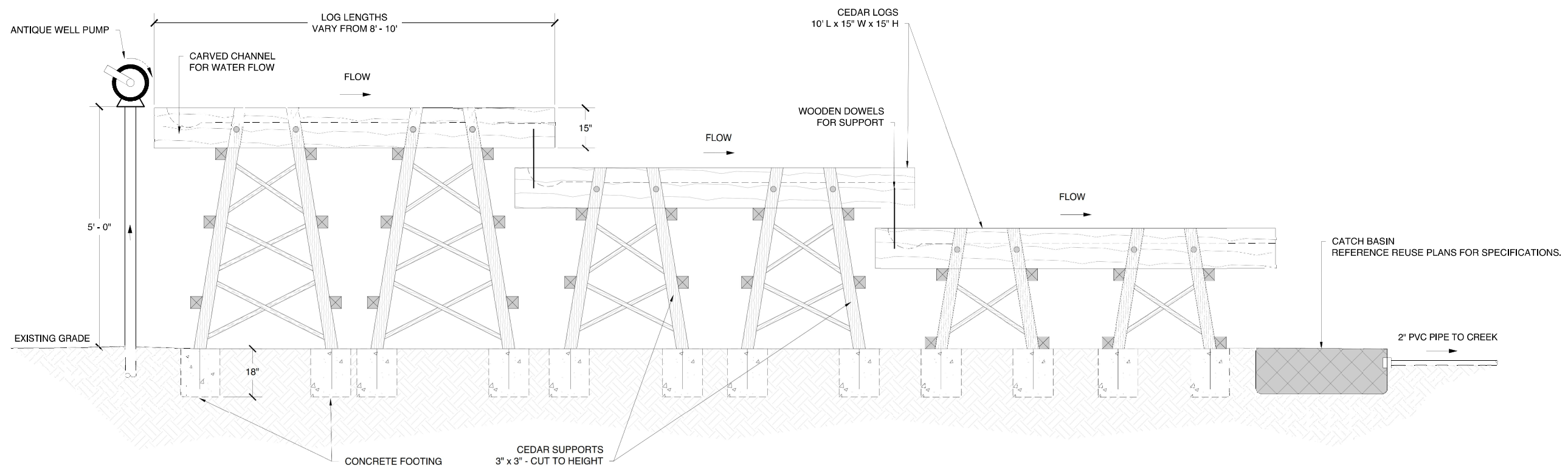
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1 PLANTING PLAN

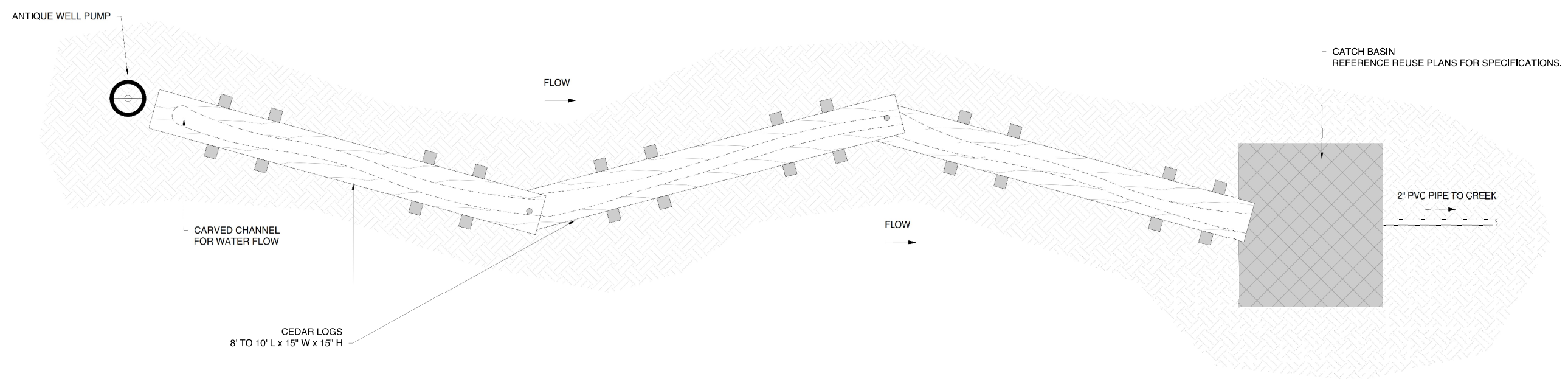




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ELEVATION VIEW



PLAN VIEW

Twain Harte Community Stormwater Enhancement Project
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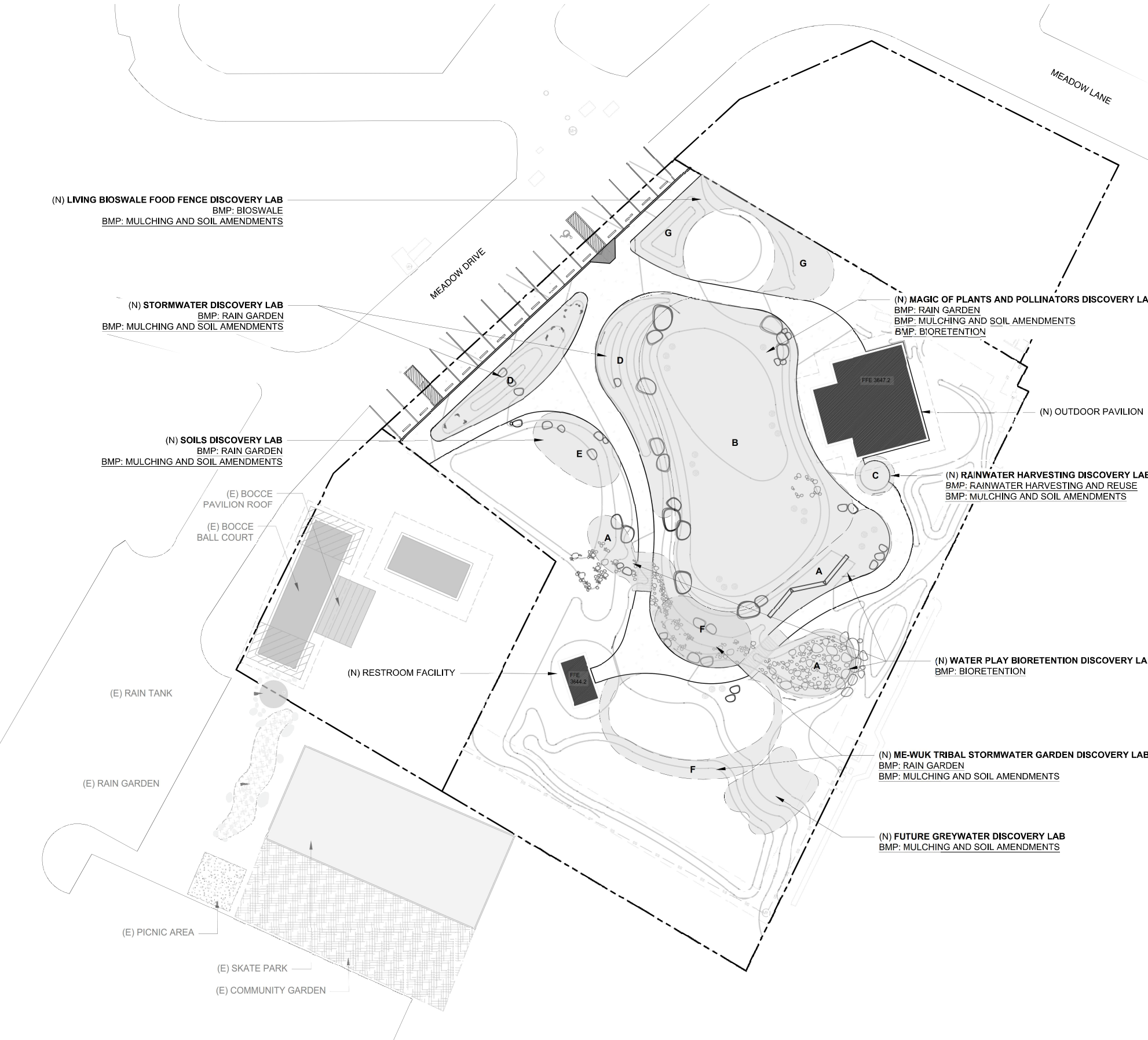
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WATER REUSE AND UTILITIES DETAILS

L6.6

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DISCOVERY LAB NOTES

A. WATER PLAY BIORETENTION DISCOVERY LAB:

LEARNING THROUGH PLAY ABOUT THE VALUE OF CLEAN ABUNDANT WATER FOR RECREATION, AND THE DELICATE BALANCE OF HUMAN NEEDS, AND ECOSYSTEM HEALTH.

THE WATER PLAY BIORETENTION DISCOVERY LAB MIMICS NATURAL SPRINGS AND RIVERS. THIS FEATURE PROVIDES THE COMMUNITY RELIEF FROM HOT WHETHER WHILE DEMONSTRATING THE IMPORTANCE OF CLEAN WATER FOR RECREATION AND ECOSYSTEM NEEDS. THE LINK TO THE STORM WATER RAINGARDEN DISCOVERY LAB PROVIDES AN INTERACTIVE UNDERSTANDING OF HOW HUMANS AND THE REST OF THE ECOSYSTEM RELY ON THE SAME WATER SOURCES. THE PATH ALONG THIS DISCOVERY LAB INCLUDES STEPPING STONE PAVERS WITH PRINTS OF IMPORTANT PLANTS FOR THE WATERSHED AND ANIMAL TRACKS OF LOCAL SPECIES WITH THEIR NAMES IN ENGLISH AND ME-WUK. NATIVE PLANTINGS AROUND THE PLAY AREA GIVE VISITORS AND OPPORTUNITY TO BECOME MORE FAMILIAR WITH THE IMPORTANCE OF THE LOCAL ECOSYSTEM WHILE ENJOYING THE PARK. SIGNAGE WITH QR CODES WILL LINK VISITORS TO MORE INFORMATION FROM SITES LIKE THESE: [HTTPS://MEWUK.COM/CULTURAL/TRADITIONAL/](https://MEWUK.COM/CULTURAL/TRADITIONAL/)

- BENEFITS INCLUDE:**
- STORMWATER QUALITY IMPROVEMENT
 - HABITAT ENHANCEMENT
 - REDUCED FLOOD RISK

B. MAGIC OF PLANTS AND POLLINATORS DISCOVERY LAB:

HANDS-ON SCIENCE THROUGH OBSERVATION AND MONITORING.

PLANTS THAT PROVIDE FOOD AND HABITAT FOR IMPORTANT POLLINATORS ARE ALONG THE EDGE OF THE MEADOW NEAR BOULDERS WHERE VISITORS CAN SIT AND OBSERVE OR MONITOR POLLINATORS BY PARTICIPATING IN CITIZEN SCIENCE POLLINATOR COUNTS. THE USE OF STORMWATER BIOFILTRATION AND STORMWATER ABSORPTION TO SUPPORT HEALTHY PLANT LIFE AS A BEDROCK OF A POLLINATOR ECOSYSTEM IS HIGHLIGHTED. POLLEN-PRODUCING PLANTS GIVE POLLINATORS EASY ACCESS TO NUTRIENT-RICH FOOD SOURCES. BETWEEN 75% AND 95% OF ALL FLOWERING PLANTS RELY ON POLLINATORS. POLLINATOR-FRIENDLY PLANTS TREAT STORMWATER RUNOFF BY ACTING AS A PHYSICAL FILTER FOR POLLUTANTS, ABSORBING MICRO-POLLUTANTS, AND PROVIDING EROSION CONTROL AS THEIR COMPLEX ROOT SYSTEMS STABILIZE SOIL. FLOWERING PLANTS ALSO REDUCE SOIL EROSION BY DISSIPATING THE ENERGY FROM RAINDROP IMPACT WITH THEIR FOLIAGE. IN THIS WAY, THESE POLLINATOR-FRIENDLY PLANTS REDUCE THE AMOUNT OF SEDIMENT, WHICH IS THE MOST COMMON POLLUTANT IN STREAMS, THAT REACHES TWAIN HARTE CREEK.

- BENEFITS INCLUDE:**
- HABITAT ENHANCEMENT
 - STORMWATER QUALITY IMPROVEMENT
 - ENHANCED SOIL HEALTH

C. RAINWATER HARVESTING DISCOVERY LAB:

LEARNING THROUGH OBSERVATION OF DEMONSTRATED AND CONNECTIONS.

WATER USE AT THE PAVILION IS TIED TO HOW HUMANS PARTICIPATE IN THE WATER CYCLE AND CAN CREATE A MORE SUSTAINABLE SMALL WATER CYCLE AT HOME. WATER OFF THE PAVILION ROOF IS CAPTURED AND STORED IN RAIN TANKS. THIS WATER IS REUSED FOR IRRIGATION. THIS DEMONSTRATION SHOWS HOW RAINWATER HARVESTING CAN HELP REDUCE SOIL EROSION AND FLOODING WHILE PROVIDING WATER SECURITY.

- BENEFITS INCLUDE:**
- REDUCED FLOOD RISK
 - STORMWATER QUALITY IMPROVEMENT
 - ENHANCED WATER SECURITY
 - REDUCED CONSUMPTIVE USE

D. STORMWATER DISCOVERY LAB:

HANDS-ON LEARNING THROUGH OBSERVATION AND PLAY COMBINED WITH CONCEPTUAL LEARNING FROM SIGNAGE.

PLANTS THAT CLEAN STORMWATER AND REMOVE HYDROCARBONS ARE FEATURED IN THIS AREA. BOULDERS TO SIT AND OBSERVE LOCAL FLORA AND FAUNA WILL BE PLACED IN KEY LOCATIONS. SIGNAGE WILL REVEAL THE MAGIC OF PLANTS AND INFILTRATION HAPPENING BELOW GROUND AS WELL AS QR CODES LINKED TO WATERTOOLKIT.COM TO LEARN MORE. ADDITIONALLY AN EXPERIENCE OF LOCAL WATER DISTRIBUTION IS INCORPORATED THROUGH A FLUME PLAY FEATURE. A HAND PUMP INVITES CHILDREN TO SEE HOW WATER IS PULLED OUT OF THE GROUND AND TRANSPORTED BY THE FLUME. WHEN THE PUMP IS IN USE THE WATER FLOWING THROUGH THE WATER PLAY BIORETENTION DISCOVERY LAB IS REDUCED, DEMONSTRATING THE DIRECT CONNECTION BETWEEN HUMAN USES AND ECOSYSTEM HEALTH.

- BENEFITS INCLUDE:**
- HABITAT ENHANCEMENT
 - STORMWATER QUALITY IMPROVEMENT
 - REDUCED FIRE RISK
 - ENHANCED WATER SECURITY
 - ENHANCED SOIL HEALTH

E. SOILS DISCOVERY LAB:

HANDS-ON LEARNING ABOUT THE ROLE OF SOIL HEALTH IN WATER QUALITY THROUGH OBSERVATION AND ACTIVITIES.

THIS DISCOVERY LAB HIGHLIGHTS THE IMPORTANCE OF SOIL HEALTH IN ECOLOGICAL RESILIENCE AND ESPECIALLY WATER QUALITY. METHODS OF IMPROVING SOIL HEALTH SUCH AS MULCHING ARE DEMONSTRATED ALONG WITH SOIL SAMPLES THAT GIVE VISITORS EXPERIENTIAL UNDERSTANDING OF WHAT HEALTHY LIVING SOIL LOOKS LIKE. THIS REVEALS THE POSITIVE EFFECTS OF STORMWATER BIOFILTRATION AND STORMWATER INFILTRATION ON THE SITE. THE SOILS DISCOVERY LAB PROVIDES A LEARNING EXPERIENCE THAT DEMONSTRATES THE IMPORTANT FUNCTIONS OF HEALTHY SOIL. IN THE STORMWATER TREATMENT HAPPENING AT THE SITE [E.G., PROVIDING A MEDIA FOR VEGETATION, RETAINING POLLUTANTS THAT WOULD OTHERWISE END UP IN TWAIN HARTE CREEK, PROMOTES BIOLOGICAL ACTIVITY THAT BREAKS DOWN SOME POLLUTANTS, DESSICATION OF PATHOGENS ON THE SOIL SURFACE, CAPTURING AND RETAINING CARBON, HEALTHY SOILS MINIMIZE EROSION].

- BENEFITS INCLUDE:**
- HABITAT ENHANCEMENT
 - STORMWATER QUALITY IMPROVEMENT
 - REDUCED FIRE RISK
 - REDUCED FLOOD RISK
 - ENHANCED WATER SECURITY
 - ENHANCED SOIL HEALTH

F. ME-WUK TRIBAL STORMWATER GARDEN DISCOVERY LAB:

HANDS-ON EXPERIENCES OF ME-WUK ECOLOGICAL KNOWLEDGE AND SUSTAINABLE TECHNOLOGIES INCLUDING PASSIVE IRRIGATION THROUGH STORMWATER HARVESTING.

THIS STORMWATER GARDEN COLLECTS RUNOFF TO PASSIVELY IRRIGATE IMPORTANT PLANTS TO THE ME-WUK TRIBE. THESE PLANTS ARE ALSO INCLUDED THROUGHOUT THE SITE AND WOVEN INTO INTERPRETIVE AND EXPERIENTIAL LEARNING OPPORTUNITIES. TRIBAL CONSULTANTS WILL ADVISE ON FURTHER EFFORTS TO BRING IMPORTANT TRIBAL KNOWLEDGE AND FORMS OF KNOWING TO THE SITE EXPERIENCE.

- BENEFITS INCLUDE:**
- ME-WUK TRIBAL PLANT KNOWLEDGE
 - ENHANCED FOOD SECURITY
 - STORMWATER QUALITY IMPROVEMENT
 - ENHANCED SOIL HEALTH

G. LIVING BIOSWALE FOOD FENCE DISCOVERY LAB:

HANDS-ON LEARNING THROUGH FORAGING, OBSERVATION AND PLANT USE ACTIVITIES.

PLANTS THAT PROVIDE FOOD TO BOTH ANIMALS AND HUMANS ARE INCLUDED IN THIS AREA WHILE DEMONSTRATING VERTICLE GARDENING AND THE IMPORTANCE OF LOCAL FOOD SECURITY. CONNECTION IS MADE BETWEEN THE BIOFILTRATION OF STORMWATER THROUGH ME-WUK STORMWATER GARDEN DISCOVERY LAB AND THE LOCAL AND HISTORICAL USES OF BIOFILTERED STORMWATER. THIS IS MADE EXPLICIT THROUGH THE FACT THAT THE FOOD FENCE IS IRRIGATED BY FILTERED STORMWATER AT THE ADJACENT ME-WUK TRIBAL STORMWATER GARDEN DISCOVERY LAB.

- BENEFITS INCLUDE:**
- ME-WUK TRIBAL PLANT KNOWLEDGE
 - ENHANCED FOOD SECURITY
 - STORMWATER QUALITY IMPROVEMENT
 - ENHANCED SOIL HEALTH



Twain Harte Community Stormwater Enhancement Project
The Meadows
 22945 Meadow Drive, Twain Harte, CA, 95383

DATE: PROJECT NO.

REVISION	DATE
1. 60% DRAFT TO CSD	05.31.22
2. 60% TO CSD	06.15.22
3. 60% TO SWB	07.28.22
4. 60% TO SWRCB	08.19.22
5. 100% TO CSD	12.14.22
6.	

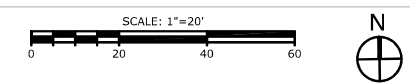
DESIGN BY: ABR
 DRAWN BY: DR. JS, MS
 REVIEW BY: RH, NS, JPB

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DISCOVERY LABS KEY PLAN

L8.1

100% CD
 NOT FOR CONSTRUCTION



Twain Harte Community Services District
2022/2023 MIDYEAR BUDGET ADJUSTMENT

	WATER			SEWER			FIRE			PARK			ADMIN			TOTAL
	Approved	Requested	% Diff	Approved	Requested	% Diff	Approved	Requested	% Diff	Approved	Requested	% Diff	Approved	Requested	% Diff	PROJECTED
Revenue																
Service Charges	\$ 1,483,420	\$ 1,470,202	-1%	\$ 1,138,433	\$ 1,137,942	0%	\$ -	\$ -	0%	\$ -	\$ -	0%	\$ -	\$ -	0%	\$ 2,608,144
Fees	18,180	18,180	0%	14,820	14,820	0%	-	-	0%	5,000	7,100	42%	-	-	0%	40,100
Taxes & Assessments	37,153	39,292	6%	-	-	0%	1,243,536	1,278,501	3%	144,607	146,699	1%	-	-	0%	1,464,491
Grants & Donations	1,595,000	1,555,650	-2%	-	-	0%	280,368	286,726	2%	1,395,475	2,681,065	92%	-	1,200	1200%	4,524,641
Other Revenue	13,700	47,800	249%	2,100	7,100	238%	25,500	126,170	395%	600	1,000	67%	1,000	1,000	0%	183,070
Total Program Revenue	\$ 3,147,454	\$ 3,131,124	-1%	\$ 1,155,353	\$ 1,159,862	0%	\$ 1,549,404	\$ 1,691,397	9%	\$ 1,545,682	\$ 2,835,864	83%	\$ 1,000	\$ 2,200	120%	\$ 8,820,447
Admin Revenue Allocation	470	1,034	120%	250	550	120%	180	396	120%	100	220	120%	(1,000)	(2,200)	120%	-
GRAND TOTAL REVENUE	\$ 3,147,924	\$ 3,132,158	-1%	\$ 1,155,603	\$ 1,160,412	0%	\$ 1,549,584	\$ 1,691,793	9%	\$ 1,545,782	\$ 2,836,084	83%	\$ -	\$ -	0%	\$ 8,820,447
Operating Expenses																
Salaries	\$ 324,111	\$ 331,618	2%	\$ 182,254	\$ 183,109	0%	\$ 571,785	\$ 624,733	9%	\$ 5,214	\$ 5,214	0%	\$ 421,272	\$ 429,933	2%	\$ 1,574,607
Benefits	177,649	179,157	1%	98,474	98,967	1%	279,134	288,214	3%	2,998	3,022	1%	216,677	218,196	1%	787,556
Equip, Auto, Maint, & Repairs	138,400	163,470	18%	68,600	69,900	2%	108,700	102,900	-5%	42,386	41,930	-1%	16,200	15,800	-2%	394,000
Materials & Supplies	46,500	43,300	-7%	5,900	5,900	0%	10,200	10,000	-2%	1,500	1,500	0%	4,250	4,250	0%	64,950
Outside Services	348,550	305,550	-12%	17,950	30,550	70%	27,750	27,950	1%	4,500	4,500	0%	26,400	27,900	6%	396,450
Other (Utilities, Prop/Liab Ins, TUD)	202,400	216,900	7%	527,750	535,400	1%	99,450	108,500	9%	52,200	53,100	2%	77,950	73,250	-6%	987,150
Debt Service	188,614	188,614	0%	16,976	16,976	0%	-	-	0%	-	-	0%	-	-	0%	205,590
Total Program Expenses	\$ 1,426,223	\$ 1,428,608	0%	\$ 917,903	\$ 940,802	2%	\$ 1,097,020	\$ 1,162,297	6%	\$ 108,798	\$ 109,266	0%	\$ 762,749	\$ 769,329	1%	\$ 4,410,302
Administrative Cost Allocation	358,492	361,585	1%	190,687	192,332	1%	137,295	138,479	1%	76,275	76,933	1%	(762,749)	(769,329)	1%	-
GRAND TOTAL OPERATING EXPENSES	\$ 1,784,715	\$ 1,790,193	0%	\$ 1,108,590	\$ 1,133,134	2%	\$ 1,234,315	\$ 1,300,776	5%	\$ 185,073	\$ 186,199	1%	\$ -	\$ -	0%	\$ 4,410,302
TOTAL OPERATING BALANCE	\$ 1,363,208	\$ 1,341,966		\$ 47,013	\$ 27,278		\$ 315,270	\$ 391,016		\$ 1,360,709	\$ 2,649,885		\$ -	\$ -		
Capital Expenses																
Capital Outlay	2,157,400	1,845,400	-14%	300,300	224,300	-25%	540,500	581,390	8%	1,417,400	2,657,800	88%	-	-	0%	5,308,890
Administrative Capital Allocation	-	-	0%	-	-	0%	-	-	0%	-	-	0%	-	-	0%	-
Total Capital Expenses	\$ 2,157,400	\$ 1,845,400	-14%	\$ 300,300	\$ 224,300	-25%	\$ 540,500	\$ 581,390	8%	\$ 1,417,400	\$ 2,657,800	88%	\$ -	\$ -		\$ 5,308,890
GRAND TOTAL EXPENSES	\$ 3,942,115	\$ 3,635,593	-8%	\$ 1,408,890	\$ 1,357,434	-4%	\$ 1,774,815	\$ 1,882,166	6%	\$ 1,602,473	\$ 2,843,999	77%	\$ -	\$ -	0%	\$ 9,719,192
Transfer To/(From) Reserve	\$ (794,192)	\$ (503,434)		\$ (253,287)	\$ (197,022)		\$ (225,230)	\$ (190,374)		\$ (56,691)	\$ (7,915)		\$ -	\$ -		\$ (898,746)

Twain Harte Community Services District

2022-2023 MID YEAR BUDGET

PARK - REVENUE

BUDGET ITEM	BUDGET		CHANGE		REASON FOR CHANGE
	22/23 Approved	22/23 Requested	\$	%	
Fees					
Facility/Ground Usage Fees	5,000	7,100	2,100	42%	Increased facility usage
TOTAL FEES	\$ 5,000	\$ 7,100	\$ 2,100	42%	
Taxes & Assessments					
Secured & Unsecured Taxes	\$ 29,831	\$ 31,535	\$ 1,704	6%	YTD Actuals trending higher than original budget
Property Assessments	114,776	115,164	388	0%	
TOTAL TAXES & ASSESSMENTS	\$ 144,607	\$ 146,699	\$ 2,092	1%	
Grants & Donations					
Grant Revenue	1,377,475	2,662,565	\$ 1,285,090	93%	Added Rural Rec & Tourism Grant
Donation Revenue	18,000	18,500	500	3%	
TOTAL GRANTS & DONATIONS	\$ 1,395,475	\$ 2,681,065	\$ 1,285,590	92%	
Other Revenue					
Sale of Assets			-	0%	
Interest Revenue	600	1,000	400	67%	Rates higher than expected
TOTAL OTHER REVENUE	\$ 600	\$ 1,000	\$ 400	67%	
GRAND TOTAL REVENUE	\$ 1,545,682	\$ 2,835,864	\$ 1,290,182	83%	
Admin Transfer Out	\$ 100	\$ 220	\$ 120		
GRAND TOTAL WITH ADMIN	\$ 1,545,782	\$ 2,836,084	\$ 1,290,302		

Twain Harte Community Services District

2022-2023 MID YEAR BUDGET

PARK - EXPENSES

BUDGET ITEM	BUDGET		CHANGE		REASON FOR CHANGE
	22/23 Approved	22/23 Requested	\$	%	
Salaries - 51XXX					
Regular Time	\$ 4,390	\$ 4,390	\$ -	0%	
Overtime	250	250	-	0%	
Sick Leave/Vacation Pay	500	500	-	0%	
Uniform Allowance	54	54	-	0%	
Cell Phone Stipend	19	19	-	0%	
TOTAL SALARIES	\$ 5,214	\$ 5,214	\$ -	0%	
Benefits - 52XXX					
Health & Vision Insurance	\$ 1,123	\$ 1,146	\$ 23	2%	Rate increase higher than anticipated
HRA Reimbursement	405	405	0	0%	
CALPERS Retirement	657	652	(5)	-1%	
FICA	323	323	0	0%	
Medicare	76	76	0	0%	
Workers Comp	400	410	10	2%	
Unemployment Ins/ETT	14	10	(4)	-29%	
TOTAL BENEFITS	\$ 2,998	\$ 3,022	\$ 24	1%	
Equipment, Automotive, Maintenance & Repairs					
Equipment Maintenance & Repair	\$ 500	\$ 500	-	0%	
Facilities Maintenance & Repair			-	0%	
Baseball Field	4,000	3,500	(500)	-13%	
Tennis Courts	2,000	2,000	-	0%	
Park	6,700	6,700	-	0%	
Community Center	2,300	2,300	-	0%	
Landscaping Services	10,280	10,280	-	0%	
Janitorial/Cleaning Services	15,606	15,650	44	0%	
Equipment Under \$5,000	1,000	1,000	-	0%	
TOTAL EQUIP, AUTO, MAINT & REPAIRS	\$ 42,386	\$ 41,930	\$ (456)	-1%	

**Twain Harte Community Services District
2022-2023 MID YEAR BUDGET
PARK - EXPENSES**

BUDGET ITEM	BUDGET		CHANGE		REASON FOR CHANGE
	22/23 Approved	22/23 Requested	\$	%	

Materials & Supplies - 54XXX					
Janitorial Supplies	\$	1,500	\$	1,500	\$ - 0%
TOTAL MATERIALS & SUPPLIES	\$	1,500	\$	1,500	\$ - 0%

Outside Services - 55XXX					
Engineering Services	\$	4,500	\$	4,500	\$ - 0%
TOTAL OUTSIDE SERVICES	\$	4,500	\$	4,500	\$ - 0%

Other - 56XXX					
Utilities					
Baseball Field		9,000		9,000	- 0%
Park		8,200		8,200	- 0%
Community Center		3,600		3,700	100 3%
Property/Liability Insurance		28,400		29,200	800 3% Premium increase higher than anticipated
Advertising & Public Education		3,000		3,000	- 0%
TOTAL OTHER	\$	52,200	\$	53,100	\$ 900 2%

GRAND TOTAL EXPENSES	\$	108,798	\$	109,266	\$ 468 0%
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Admin Transfer Out \$ 76,275 \$ 76,933 \$ 658

GRAND TOTAL WITH ADMIN	\$	185,073	\$	186,199	\$ 1,126 1%
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Capital Outlay - 57XXX					
TH Meadows Park	\$	1,417,400	\$	2,434,800	\$ 1,017,400 72% Added Rural Rec & Tourism Grant
Per Capita Park Projects			\$	223,000	\$ 223,000 223000% New Projects, Grant not needed for TH Meadows
TOTAL CAPITAL OUTLAY	\$	1,417,400	\$	2,657,800	\$ 1,240,400 88%

GRAND TOTAL WITH CAPITAL	\$	1,602,473	\$	2,843,999	\$ 1,241,526 77%
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