VICINITY MAP Not to Scale



CALL USA (UNDERGROUND SERVICE ALERT) AT LEAST 48 HRS IN ADVANCE OF WORK: 811 OR 1-(800)-642-2444.

DONNER CREEK RESTORATION PROJECT SITE 1

Truckee, CA 96161

GENERAL NOTES

- CONTOURS SHOWN ARE FROM SURFACE GENERATED FROM FIELD SURVEY AND LIDAR DATA OBTAINED FROM 2014 TAHOE NATIONAL FOREST LIDAR POINT CLOUD DATA SET FROM OPENTOPOGRAPHY.ORG.
- AERIAL IMAGERY SHOWN IS FROM GOOGLE EARTH 2016. 2.
- UTILITY LOCATIONS SHOWN ARE APPROXIMATE. CALL 811 AT LEAST 48 HOURS AND NO MORE THAN 2 WEEKS PRIOR TO START OF CONSTRUCTION.
- STAGING AREAS SHOWN ARE APPROXIMATE AND SHALL BE FIELD FIT UNDER THE DIRECTION OF THE TRUCKEE RIVER WATERSHED COUNCIL (TRWC) APPOINTED SUPERVISING ENGINEER (ENGINEER)
- ALL EXISTING VEGETATION SHALL BE PROTECTED UNLESS OTHERWISE 5. NOTED OR APPROVED IN THE FIELD BY THE ENGINEER.

LEGEND

PROPOSED IMPROVEMENTS LIMIT OF DISTURBANCE TEMP. CONSTRUCTION LIMIT FENCE TEMP. SILT FENCE TEMP. TURBIDITY CURTAIN

PROPOSED CONTOUR PROPOSED STAGING AREA PROPOSED BOULDERS PROPOSED ROOTWAD REVETMENT PROPOSED ROCK SLOPE PROTECTION TEMP ACCESS

EXISTING CONDITIONS

MINOR CONTOUR LINE (2-FOOT) MAJOR CONTOUR LINE (10-FOOT) APPROX. ORDINARY HIGH WATER PARCEL BOUNDARY APPROX. CALTRANS RIGHT-OF-WAY KINDER MORGAN PIPELINE EXISTING SEWER LINE EXISTING ELECTRICAL LINE EXISTING WATER LINE FLOW PATH



_ _ _ _ _

_____ · · · ____ · · · ____

____ SS ____

— Е — —

 \sim

0



INO.	Sneet II
G-1	TITLESH
C-1	RESTOF
C-2	STAGIN
C-3	REVEGE
D-1	DETAILS

ABBREVIATIONS

/	APPI
CL	CEN
CONC	CON
DI	DRA
DBH	DIAM
EG	EXIS
EL	ELE\
(E)/(N)	EXIS
FT	FEE
H:V	HOR
INV	INVE
LOD	LIMI
MAX/MIN	MAX
NTS	NOT
OC	ON C
PLS	PURI
	PUR
FL3 LD3/AC	
RSP	ROC
RSP SS	ROC
RSP SS STA	ROC SAN
RSP SS STA TBD	ROC SAN STA TO B
RSP SS STA TBD TBM	ROC SAN STA TO E TEM
RSP SS STA TBD TBM TRWC	ROC SANI STAT TO E TEM TRU
RSP SS STA TBD TBM TRWC TYP	ROC SANI STAT TO E TEM TRU TYPI
RSP SS STA TBD TBM TRWC TYP VERT	ROC SANI STAT TO B TEM TRU TYPI VER
RSP SS STA TBD TBM TRWC TYP VERT W/	ROC SANI STAT TO E TEM TRU TYPI VER WITH
RSP SS STA TBD TBM TRWC TYP VERT W/ #	ROC SANI STAT TO B TEM TRU TYPI VER WITH NUM
RSP SS STA TBD TBM TRWC TYP VERT W/ # %	ROC SANI STAT TO E TEM TRUE TYPI VER WITH NUM PER
RSP SS STA TBD TBM TRWC TYP VERT W/ # %	ROC SANI STAT TO B TEM TRU TYPI VER WITH NUM PERC
RSP SS STA TBD TBM TRWC TYP VERT W/ # %	ROC SANI STAT TO E TEM TRU TYPI VER WITH NUM PER FEET INCH
RSP SS STA TBD TBM TRWC TYP VERT W/ # % '	ROC SANI STAT TO B TEM TRU TYPI VER WITH NUM PERC FEET INCH AT

CONTACT THE ENGINEER FOR SYMBOLS OR ABBREVIATIONS NOT SHOWN

DRAWING SYMBOLS



TREE W/ ASSOCIATED DRIPLINE

HORIZONTAL & VERTICAL CONTROLS

VERTICAL CONTROL IS NAVD 88, FEET

HORIZONTAL CONTROL IS CALIFORNIA STATE PLANE, ZONE 2, NAD 83, FEET

HEET RATION DESIGN IG, ACCESS, & TEMP. EROSION CONTROL ETATION

PROXIMATELY ITERLINE VCRETE AINAGE INLET METER BREAST HEIGHT STING GRADE VATION STING/NEW RIZONTAL:VERTICAL (SLOPE) FRT IT OF DISTURBANCE KIMUM/MINIMUM TO SCALE CENTER RE LIVE SEED E LIVE SEED BROADCAST RATE (LBS/AC) CK SLOPE PROTECTION ITARY SEWER TION BE DETERMINED IPORARY BENCHMARK JCKEE RIVER WATERSHED COUNCIL PICAL RTICAL ИBER RCENT

HES

SECTION NUMBER

SHEET NO. ON WHICH SECTION APPEARS

DETAIL NUMBER

SHEET NO. ON WHICH DETAIL APPEARS

- DETAIL NUMBER





	UPLAND SEED MIX AND		<u> </u> 1'
	70/700 EROSION CONTROL BLANKET		
	BITTERBRUSH	EROSION CONTR	ED MIX OL BLANKET
WOOD'S	ROSE7		
LAYER IN WILLOW DOLES / RUNDLES			
SEE SHEET C-3		CALTRANS 1/4-T	ON RSP WITH
		CONTAINER PLANTIN	GS AND SEEDING
KEY IN BASE BOULDERS			
1/4 TO 1/3 OF BOULDER DIAM.			
		WITH WILLOW PO	<u>le plantings</u>
		<u>↓</u>	
DULDER/ROOTWAD		f	
REVETMENT DEPT	CALTRANS BACKING		
	CLASS NO. 3	CALTRANS 1-TON	RSP LAYERED
			LE FLANTINGS
PROX. 2-YR WS	W		
FLOODPLAIN BENCH		T	
SET BA	NK TOE BETWEEN FIRST		
THREE	ROOT WADS WITH 2-TON BOULDERS		
KEY 1/	3 TO 1/4 OF BOULDER DIAMETER		
	STATION		
	1		I
	0+25		0+50
			10
	IV.11		

SCALE: feet

LEGEND



ROOTWAD REVETMENT

ROCK PROTECTION W/PLANTINGS

- **REMOVE FILL, GRADE, RIP, MULCH**
 - PROPOSED CONTOURS

NOTES:

- 1. ALL WORK SHALL BE CONDUCTED UNDER THE FIELD DIRECTION OF THE ENGINEER.
- 2. RESTORE BANK TO 1.5 TO 1 MAX SLOPE. USE ONSITE ROCK AND LOGS AS FIELD DIRECTED AND SUPPLEMENT WITH APPROVED LOCAL SOURCES AS NEEDED. INCORPORATE SALVAGED SPOILS MATERIAL AS BACKFILL. TOTAL APPROXIMATE FILL VOLUME IS 400 +/- 50 CY.
- 3. INSTALL ROOTWAD REVETMENTS AND BOULDERS AT THE BANK TOE LEAVING (E) FLOODPLAIN BENCH INTACT AS FIELD CONDITIONS ALLOW. KEY IN BOULDERS AND INSTALL WILLOW POLES CONCURRENTLY AS DESCRIBED ON SHEET C-3 AND AS DIRECTED.
- 5. SEE SHEET C-2 FOR STAGING, ACCESS, AND TEMP. EROSION CONTROL.
- 6. REGRADE AND DECOMPACT ALL DISTURBED AREAS (EXCLUDING EXIST. ROADS) AND REVEGETATE AS SHOWN ON SHEET C-3.





			5880	
<u></u>			5874	
4			ELEVATION	
1/4-TON RSP WITH ANTINGS AND SEEDING			5868	Des CY File
/2-TON RSP LAYERED DW POLE PLANTINGS			5862	RE` No.
DW POLE PLANTINGS			5856	
0 -	+50 0.	+60		Sh
) 5 SCALE: feet	10 ⊣			S

FOLICKEE RIVER WATERSHED COUNCIL
WILD SCAPE E N G I N E E R I N G
WILDSCAPE ENGINEERING 1901 Lisa Maloff Way, Suite #108 South Lake Tahoe, CA 96150 www.wildscape-engineering.com
SITE 1 BONNER CREEK RESTORATION PROJECT Truckee, CA 96161
Designed: Drawn: Checked: CYB GRH/JA CYB File Date: 01/29/2024 REVISIONS:
Sheet Title:
RESTORATION DESIGN Sheet Scale: AS SHOWN
Sheet Number
2 of 5



- PRIOR TO MOBILIZING ON SITE AND INITIATING WORK.
- TEMP. CHAIN LINK FENCE OR APPROVED EQUAL FOR STAGING AREA.
- SHEET D-1 DETAIL 3.
- AND APPROVAL TO REDUCE OR ELIMINATE THE NEED FOR ACCESS RAMP.







1. CONTRACTOR TO NOTIFY TRWC PROJECT MANAGER AND MOBILE HOME PARK OWNER A MIN. OF 7 DAYS

2. STAGING AREA SHALL BE SUBJECT TO FIELD FIT AND APPROVAL BY THE MOBILE HOME PARK OWNER/MANAGER. 3. INSTALL AND MAINTAIN ADEQUATE FENCING, CAUTION TAPE, OR APPROVED EQUIVALENT TO PREVENT PUBLIC ACCESS TO THE PROJECT AREA. INSTALL "DANGER CONSTRUCTION AREA - KEEP OUT" SIGNAGE OR EQUAL. USE

WHERE WORK SPACE ON THE EXISTING FLOOPLAIN BENCH ALLOWS, INSTALL SILT FENCE ON LAND ALONG CREEK PER SHEET D-1 DETAIL 2. WHERE WORK SPACE IS INSUFFICIENT, INSTALL TURBIDITY CURTAIN WITHIN CHANNEL PER

TRUCKEE RIVER WATERSHED COUNCIL

901 So

ဖ

G

3 of 5

CONSTRUCT TEMP. ACCESS RAMP TO ENABLE EQUIPMENT ACCESS TO FLOODPLAIN BENCH WORK AREA. IF 40% SLOPED RAMP IS CONSTRUCTED AS SHOWN CUT VOLUME IS APPROX 16 CY AND FILL VOLUME IS 4 CY. CONTRACTOR MAY STEEPEN THE RAMP FURTHER IF STILL ABLE TO ACCESS THE WORK AREA SAFELY WITH THE EQUIPMENT BEING USED. WORK FROM UPSTREAM AND DOWNSTREAM EXTENTS OF WORK AREA BACK TOWARD ACCESS RAMP. PULL OUT ACCESS RAMP WHEN WORKING UP BANK AND USE MATERIAL TO BACKFILL RSP. SEE PROJECT SPECIFICATIONS FOR RECOMMENDED ORDER OF WORK. CONTRACTOR MAY PROPOSE SPECIALIZED EQUIPMENT TO TRWC FOR REVIEW

TEMP. ACCESS RAMP



Table 1. Upland Seed Mix

Scientific Name	c Name Common Name (Variety DI		PLS
	common Name/Variety	PLS IDS/acre	(0.1 ac)
Achillea millefolium	yarrow	0.10	0.01
Bromus carinatus	California brome	3.00	0.30
Elymus elymoides	squirreltail	4.00	0.40
Elymus trachycaulus	slender wheatgrass, 'Pryor'	4.00	0.40
Lupinus argenteus	silvery lupine	3.00	0.30
Poa secunda	big bluegrass, 'Sherman'	1.00	0.10
Purshia tridentata	antelope bitterbrush	3.00	0.30
Ribes cereum	Wax currant	1.00	0.10
Thinopyrum ponticum	Intermediate wheatgrass	4.00	0.40
Total		23.10	2.31

Table 2. Site #1 Planting Specifications

Species	Total Plants	Stock	Spacing
Bitterbrush (<i>Purshia tridentata</i>): Upper Bank	70	Deepots	3 0
Wood's rose (<i>Rosa woodsii</i>): Mid-Upper Bank	70	Deepots	30
Lemmon's willow (<i>S. lemmonii</i>): Lower-Mid Bank	126	Poles	5 0





NOTES:

- **PROJECT SPECIFICTIONS.**

- INSTALLATION PROCEDURES.





FOLLONGI TRUCKEE RIVER WATERSHED COUNCIL
WILDSCAPE R NGINEERING
WILDSCAPE ENGINEERING 1901 Lisa Maloff Way, Suite #108 South Lake Tahoe, CA 96150 www.wildscape-engineering.com
SITE 1 BONNER CREEK RESTORATION PROJECT Truckee, CA 96161
Designed: Drawn: Checked: CYB GRH/JA CYB File Date: 01/29/2024 REVISIONS: No. Date Description
Sheet Title: REVEGETATION
Sheet Scale: AS SHOWN Sheet Number C-3

