

DESIGNED:

CAROL Y. BEAHAN, P.E., WILDSCAPE ENGINEERING, INC.

TRUCKEE RIVER WILDLIFE AREA RESTORATION PROJECT NEVADA COUNTY, CA

BOCA SITE MAP

NOT TO SCALE



POLARIS SITE MAP



PROJECT PARTNERS:







SHEET INDEX

```
TITLE
G-1
                                              WESTERN
                                             BOTANICA
G-2
       NOTES
                                             SERVICES, I
G-3
       BOCA STAGING AND ACCESS
       POLARIS STAGING AND ACCESS
<del>G</del>-4
C-1
       BOCA PLAN AND PROFILE
C-2
       BOCA PLAN AND PROFILE
       BOCA PLAN AND PROFILE
C-3
       BOCA PLAN AND PROFILE
C-4
C-5
       BOCA PLAN AND PROFILE
       BOCA SECTIONS
C-6
<del>C-7</del>
       POLARIS PLAN AND PROFILE
       POLARIS PLAN AND PROFILE
<del>C-8</del>
       POLARIS PLAN AND PROFILE
<del>C-9</del>
       POLARIS PLAN AND PROFILE
<del>C-10</del>
        POLARIS PLAN AND PROFILE
<del>C-11</del>
       POLARIS PLAN AND PROFILE
<del>C-12</del>
<del>C-13</del>
       POLARIS SECTIONS
       POLARIS SECTIONS
<del>C-14</del>
       POLARIS SECTIONS
<del>C 15</del>
       DETAILS
D-1
                                             RIVER
D-2
       DETAILS
       DETAILS
D-3
                                             TRUCI
WILD
REST
                                            NOTES:
```

30% DESIGN NOT FOR CONSTRUCTION



RAWN BY: JA

HECKED BY: CYB

M

WILDSCAPE ENGINEERING

GENERAL NOTES

- 1. CONTRACTOR SHALL HAVE STAMPED PLANS IN THEIR POSSESSION PRIOR TO COMMENCEMENT OF WORK.
- 2. CONTOURS SHOWN ARE FROM LIDAR DATA OBTAINED FROM "2019 PALEO-OUTBURST FLOODS IN THE TRUCKEE RIVER CANYON, CA". FEEHAN, S. 2019. NATIONAL CENTER FOR AIRBORNE LASER MAPPING (NCALM) AND RTK SURVEYS CONDUCTED SEPTEMBER 23-24. 2020 (BOCA SITE) AND SEPTEMBER 29, 2020 AND OCTOBER 27, 2020 (POLARIS SITE).
- 3. UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT (USA) AT 811 AT LEAST 48 HOURS PRIOR TO START OF CONSTRUCTION TO ASSURE UTILITY AVOIDANCE.
- 4. VEHICLE ACCESS. PARKING AND MATERIAL STORAGE SHALL BE RESTRICTED TO DESIGNATED ACCESS AND STAGING AREAS AS SHOWN ON THE PLANS. FOR ANY ADDITIONAL AREAS CONTRACTOR MUST ACQUIRE WRITTEN APPROVAL FROM TRCKEE RIVER WATERSHED COUNCIL (TRWC) CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE (CDFW) AND TAHOE-TRUCKEE SANITATION AGENCY (TTSA) REPRESENTATIVE PRIOR TO USE.
- 5. CONTRACTOR SHALL APPLY WATER AS NEEDED FOR THE ALLEVIATION AND PREVENTION OF DUST NUISANCE.
- 6. CONTRACTOR SHALL ACQUIRE AND ADHERE TO ALL ENCROACHMENT PERMITS. LICENSES AND AGENCY APPROVALS PRIOR TO PERFORMANCE OF THE WORK.
- 7. CONTRACTOR SHALL POSSESS AND COMPLY WITH ALL RELEVANT PERMITS INCLUDING BUT NOT NECESSARILY LIMITED TO THE REGIONAL WATER QUALITY CONTROL BOARD 401 AND STORM WATER POLLUTION PREVENTION PLAN, ARMY CORPS OF ENGINEERS 404 PERMIT, CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE STREAMBED ALTERATION AGREEMENT. AND NEVADA COUNTY PERMITS.
- 8. CONTRACTOR SHALL PROVIDE A MINIMUM 72-HOUR NOTICE TO TRWC, CDFW, AND TTSA REPRESENTATIVE PRIOR TO MOBILIZING ON SITE OR INITIATING WORK.
- 9. CONSTRUCTION SHALL TAKE PLACE ON WEEKDAYS BETWEEN THE HOURS OF 7:00AM AND 6:30 PM UNLESS OTHERWISE APPROVED BY TRWC, CDFW AND TTSA ON A CASE BY CASE BASIS.
- 10. ALL NATURAL GRADED AREAS SHALL TRANSITION SMOOTHLY TO ADJACENT FEATURES AND GRADES AND MEET FINISH GRADE AS SHOWN ON THE PLANS +/- 0.1 FEET IN THE VERTICAL AND +/- 0.2 FEET IN THE HORIZONTAL.
- 11. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL SIGNS, BARRICADES, OR OTHER DEVICES NECESSARY TO CONTROL PEDESTRIAN AND VEHICLE TRAFFIC THROUGH THE CONSTRUCTION AREA AND FOR PUBLIC SAFETY IN ACCORDANCE WITH THESE PLANS. THE STANDARD SPECIFICATIONS, AND NEVADA COUNTY REQUIREMENTS.
- 12. AS BUILTS: THE CONTRACTOR SHALL MAINTAIN A SET OF PLANS ONSITE SHOWING "AS CONSTRUCTED" CHANGES MADE TO DATE. UPON COMPLETION OF THE PROJECT THE CONTRACTOR SHALL SUPPLY THE TRWC. CDFW AND TTSA REPRESENTATIVE WITH A SET OF PLANS MARKED UP. REFLECTING THE" AS CONSTRUCTED" MODIFICATIONS.
- 13. THE CONTRACTOR WILL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING ALL TEMPORARY EROSION CONTROL MEASURES RELEVANT TO THIS PROJECT AND IN ACCORDANCE WITH THE APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP).
- 14. SOURCES OF CONSTRUCTION WATER FOR THE PROJECT ARE TBD.
- 15. CONTRACTOR SHALL POSSESS A CLASS "A" LICENSE. CONTRACTOR SHALL ACQUIRE AND ADHERE TO ALL ENCROACHMENT PERMITS, LICENSES AND AGENCY APPROVALS PRIOR TO PERFORMANCE OF THE WORK.
- 16. ALL EXISTING VEGETATION SHALL BE PROTECTED UNLESS OTHERWISE NOTED FOR REMOVAL ON THE PLANS OR APPROVED IN THE FIELD BY THE ENGINEER.
- 17. ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE REVEGETATED BY THE CONTRACTOR IN ACCORDANCE WITH THE PROJECT PLANS AND SPECIFICATIONS.
- 18. ALL EXCESS MATERIAL FROM THE PROJECT SHALL BE REMOVED FROM THE SITE AND DISPOSED OF OR RECYCLED AT AN APPROVED SITE.
- 19. THE PROJECT SITES ARE ACTIVELY USED RECREATION SITES. THE CONTRACTOR SHALL TAKE ADEQUATE MEASURES TO PROTECT AND KEEP THE PUBLIC OUT OF ACTIVE WORK AREAS. NOTIFY THE ENGINEER AT LEAST 72 HOURS PRIOR TO ANY ANTICIPATED TRAIL OR ROAD CLOSURE AND PROVIDE ADEQUATE SIGNAGE.
- 20. CONSTRUCTION IN THE CREEK CHANNELS SHALL BE CONDUCTED SOMETIME BETWEEN TBD AND TBD WHEN BASE FLOWS ARE AT THEIR LOWEST. MONITORING OF DAM RELEASES AND CLOSE COORDINATION WITH TRWC WILL ALSO BE NEEDED TO TIME IN-CHANNEL WORK AT THE MOST APPROPRIATE TIME.

21. PROVIDE AND MAINTAIN TEMPORARY TOILET FACILITIES IN ACCORDANCE WITH STATE HEALTH DEPARTMENT AND COUNTY REQUIREMENTS. DO NOT LOCATE TEMPORARY TOILET FACILITIES ADJACENT TO A NATURAL WATER SOURCE, IN A WETLAND OR RIPARIAN AREA, OR IN A LOCATION TO CAUSE A PUBLIC HEALTH HAZARD. CONTAMINATION OR NUISANCE. AT COMPLETION OF WORK, REMOVE TOILET FROM PROJECT SITE.

22. ALL GRADED AREAS SHALL MEET FINISH GRADE AS SHOWN ON THE DRAWINGS, +/-0.10 FEET IN THE VERTICAL AND +/- 0.20 FEET IN THE HORIZONTAL WITH AN EQUAL BALANCE OF OVER-EXCAVATED AND UNDER-EXCAVATED AREAS AND VOLUMES SO THAT THE PROJECT **GRADES ARE NOT UNIFORMLY**

SHIFTED OR BIASED IN ONE HORIZONTAL OR VERTICAL DIRECTION OVER THE OTHER.

23. THE CONTRACTOR SHALL CLEANUP SPILLS IMMEDIATELY AND NOTIFY APPROPRIATE AGENCIES OF SPILLS AND CLEANUP PROCEDURES. ALL STAGING. STORAGE. AND REFUELING AREAS AND ANY EQUIPMENT REPAIR OR SIMILAR ACTIVITY WILL ONLY TAKE PLACE IN DESIGNATED STAGING AREAS.

24. TREE REMOVAL PLACEHOLDER

NUMBER OF TREES NEEDED TO BE REMOVED FOR CONSTRUCTION







	LEGEND:
	EX MINOR CONTOUR
	- EX MAJOR CONTOUR
	- PROPOSED GRADE
	- PROJECT AREA
	- LIMIT OF DISTURBANCE
	RIGHT BANK
	EFT BANK
	- CHANNEL CENTER
	- EX TRAIL
	— EX ROAD
	- PROPOSED TRAIL
	EX HISTORIC FEATURE
\longrightarrow	TEMP ACCESS
OOOO	SEDIMENT BARRIER
oooo	- EXCLUSION FENCE
	TEMP STAGING/STORAGE
	TEMP. SANITATION FACILITY
	CUT
	FILL
	BIOTECHNICAL TREATMENT
00000	BOLDER WEIR
	BOULDER/LOG BANK PROTECTION
	ROAD DECOMMISSIONED

VERTICAL AND HORIZONTAL CONTROLS

VERTICAL CONTROL IS NAVD 88 (GEOID 12B) HORIZONTAL CONTROL IS CALIFORNIA STATE PLANE, ZONE 2, NAD 83, FEET

DRAWING SYMBOLS

ABBREVIATIONS

DRAWING NO. ON WHICH DETAIL APPEARS

AC AB APPROX/~ CL CONC DBH DIAM EG EX EL FT ENF INV LB LOD MAX/MIN NIC NTS OC PR RB RC RSP STA TBD TYP VERT W/ WSE #	ASPHALT CONCRETE AGGREGATE BASE APPROXIMATELY CENTERLINE CONCRETE DIAMETER BREAST HEIGHT DIAMETER EXISTING GRADE EXISTING GRADE EXISTING ELEVATION FEET EL DORADO NATIONAL FOREST INVERT LEFT BANK LIMIT OF DISTURBANCE MAXIMUM/MINIMUM NOT IN CONTRACT NOT TO SCALE ON CENTER PROPOSED GRADE RIGHT BANK RELATIVE COMPACTION ROCK SLOPE PROTECTION STATION TO BE DETERMINED TYPICAL VERTICAL WITH WATER SURFACE ELEVATION NUMBER
VERT W/	VERTICAL WITH
WSE #	WATER SURFACE ELEVATION
%	PERCENT
"	INCHES
@ 3:1	AT HORIZONTAL TO VERTICAL SLOPE

CONTACT THE ENGINEER FOR SYMBOLS OR ABBREVIATIONS NOT SHOWN

> 30% DESIGN NOT FOR CONSTRUCTION

WILDSCAPE ENGINEERING 1901 Lisa Maloff Way, Ste 108 South Lake Tahoe, CA 96150 www.wildscape-engineering.com		
WESTERN BOTANICAL SERVICES, INC.		
Notes		
TRUCKEE RIVER WILDLIFE AREA RESTORATION		
NOTES		
DRAWN BY: JA CHECKED BY: CYB DATE PREPARED: 04/02/202		

2 of 22



















	WILDSCAPE ENGINEERING 1901 Lisa Maloff Way, Ste 108 South Lake Tahoe, CA 96150 www.wildscape-engineering.com
	WESTERN BOTANICAL SERVICES, INC.
	DETAILS
	TRUCKEE RIVER WILDLIFE AREA
	NOTES: DRAWN BY: JA CHECKED BY: CYB DATE PREPARED:04/02/2021
30% DESIGN NOT FOR CONSTRUCTION	D-2 21 of 22

