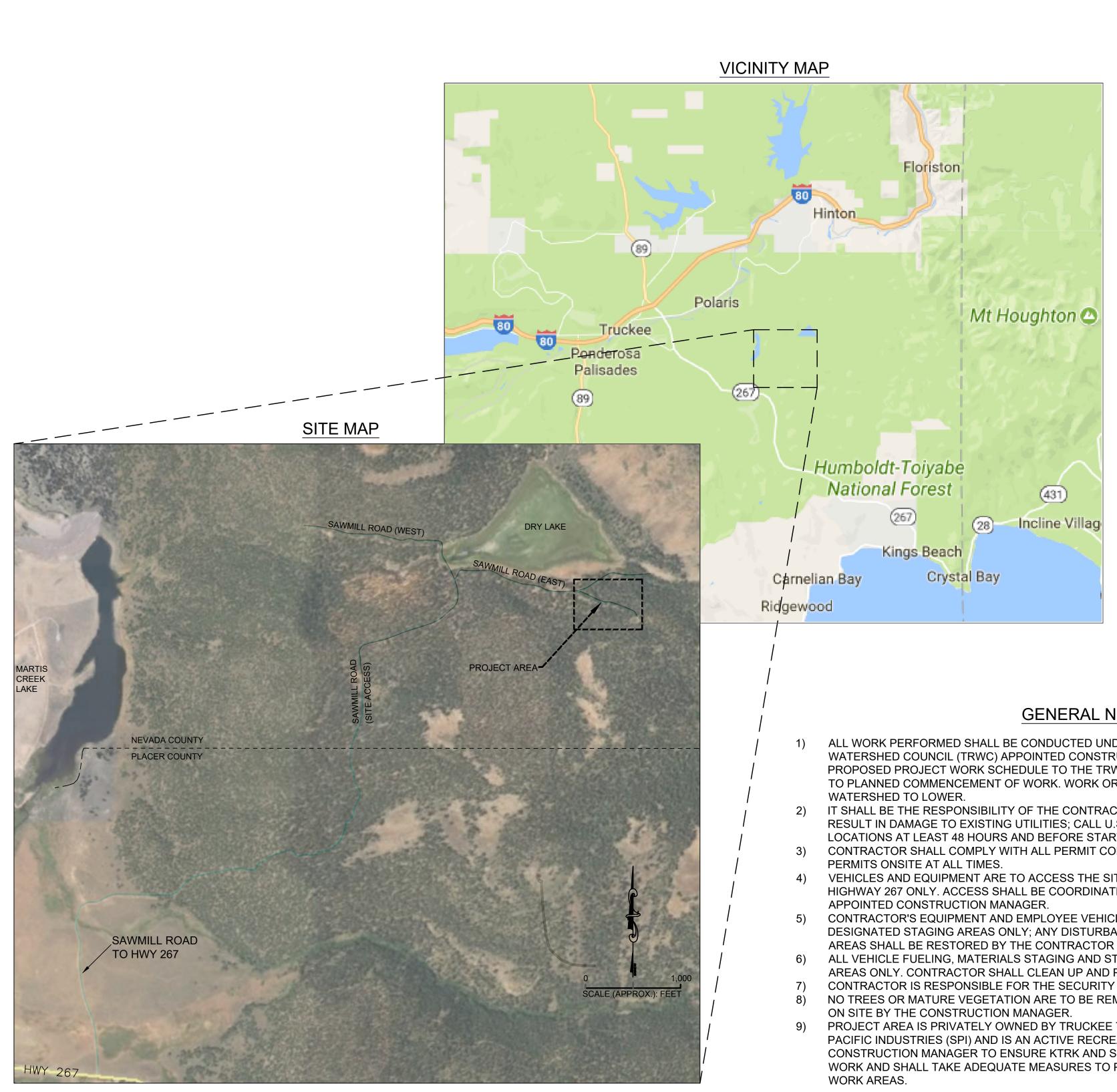
PHASE 2 - EAST MARTIS RESTORATION PROJECT NEVADA COUNTY, CALIFORNIA



HORIZONTAL & VERTICAL CONTROLS

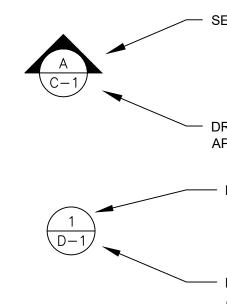
VERTICAL CONTROL IS NAVD 88

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

Truckee River Watershed Council

GING AREA
BUST WATER BAR
DE OUT - RESTORE TOPOGRAPHY
CK STEP POOL
ILDER/ LOG ROAD BARRIER
WEIR
T OF DISTURBANCE
CONTOUR (1-FOOT)
CONTOUR (1-FOOT)
E OF ROAD (APPROX.)
EMERAL DRAINAGE (APPROX.)
ONNECT/RESTORE DRAINAGE
Μ

I EGEND



GENERAL NOTES

- ALL WORK PERFORMED SHALL BE CONDUCTED UNDER THE FIELD DIRECTION OF THE TRUCKEE RIVER WATERSHED COUNCIL (TRWC) APPOINTED CONSTRUCTION MANAGER. CONTRACTOR SHALL SUBMIT A PROPOSED PROJECT WORK SCHEDULE TO THE TRWC PROJECT MANAGER AT LEAST ONE WEEK PRIOR TO PLANNED COMMENCEMENT OF WORK. WORK ORDER SHALL GENERALLY FLOW FROM HIGHER IN THE
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE WORK PERFORMED DOES NOT RESULT IN DAMAGE TO EXISTING UTILITIES; CALL U.S.A. (UNDERGROUND SERVICE ALERT) FOR UTILITY LOCATIONS AT LEAST 48 HOURS AND BEFORE START OF WORK .: 1-800-642-2444.
- CONTRACTOR SHALL COMPLY WITH ALL PERMIT CONDITIONS FOR THE PROJECT AND HAVE COPIES OF
- VEHICLES AND EQUIPMENT ARE TO ACCESS THE SITE VIA SAWMILL ROAD (GATED AND LOCKED) FROM HIGHWAY 267 ONLY. ACCESS SHALL BE COORDINATED WITH THE TRWC PROJECT MANAGER OR
- CONTRACTOR'S EQUIPMENT AND EMPLOYEE VEHICLES SHALL PARK ON EXISTING ROADS OR IN DESIGNATED STAGING AREAS ONLY; ANY DISTURBANCE OF PRIVATE PROPERTY BEYOND DESIGNATED AREAS SHALL BE RESTORED BY THE CONTRACTOR AT THEIR EXPENSE.
- ALL VEHICLE FUELING, MATERIALS STAGING AND STORAGE SHALL TAKE PLACE IN DESIGNATED STAGING AREAS ONLY. CONTRACTOR SHALL CLEAN UP AND PROPERLY DISPOSE OF ANY SPILLS IMMEDIATELY.
- CONTRACTOR IS RESPONSIBLE FOR THE SECURITY OF ALL EQUIPMENT AND MATERIALS STAGED ONSITE NO TREES OR MATURE VEGETATION ARE TO BE REMOVED UNLESS NOTED IN THE PLANS OR SPECIFIED
- PROJECT AREA IS PRIVATELY OWNED BY TRUCKEE TAHOE AIRPORT DISTRICT (KTRT) AND SIERRA PACIFIC INDUSTRIES (SPI) AND IS AN ACTIVE RECREATION AREA. CONTRACTOR SHALL WORK WITH THE CONSTRUCTION MANAGER TO ENSURE KTRK AND SPI OPERATIONS ARE NOT IMPACTED BY PROJECT WORK AND SHALL TAKE ADEQUATE MEASURES TO PROTECT AND KEEP THE PUBLIC OUT OF ACTIVE

Project Partners:



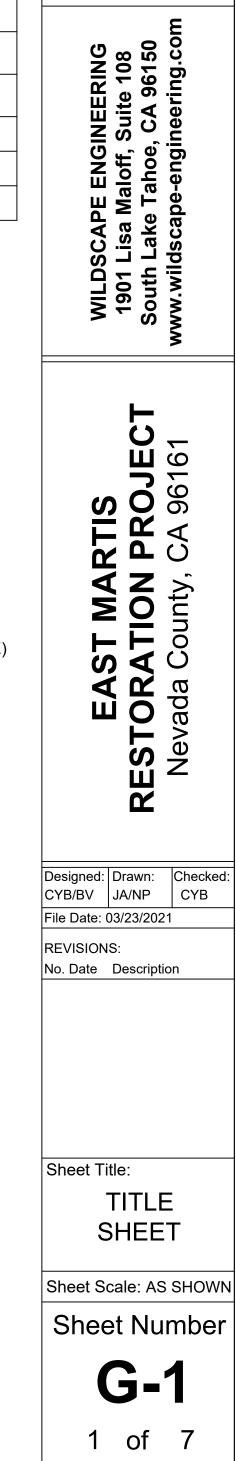
SHEET INDEX

NUMBER	MBER SHEET TITLE	
G-1	TITLE SHEET	1
C-1	LOWER RESTORATION	2
C-2	UPPER RESTORATION	3
C-3	SECTION VIEWS	4
R-1	REVEGETATION	5
D-1	DETAILS	6
D-2	DETAILS 2	7

DRAWING SYMBOLS

ABBREVIATIONS

ECTION NUMBER	APPROX CL CMP EG EL	CENTERLIN	IE FED METAL PII GRADE	ЭЕ
RAWING NO. ON WHICH SECTION PPEARS	(E)/(N) KTRT LOD	EXISTING/N TRUCKEE T		रा
	MAX/MIN NTS RSP SPI TEMP	MAXIMUM/N NOT TO SC ROCK SLOF SIERRA PAG TEMPORAR	AINIMUM ALE PE PROTECTIO CIFIC INDUST	
DRAWING NO. ON WHICH DETAIL APPEARS	TYP H:V W/	TYPICAL HORIZONTA WITH	AL:VERTICAL (SLOPE)
DETAIL NUMBER	**/ # % " @	NUMBER PERCENT FEET INCHES AT		
		THE ENGINEE FIONS NOT SH	R FOR SYMBC IOWN	DLS OR
Designed CAROL BEAHAN, PE WILD	DSCAPE ENGINI	EERING, INC.	DATE	
Truckee River Watershed Council LISA WALLACE, EXECUTIVE DIRECTOR			DATE	-
Truckee Tahoe HARDY BULLOCK	Airport		DATE	-

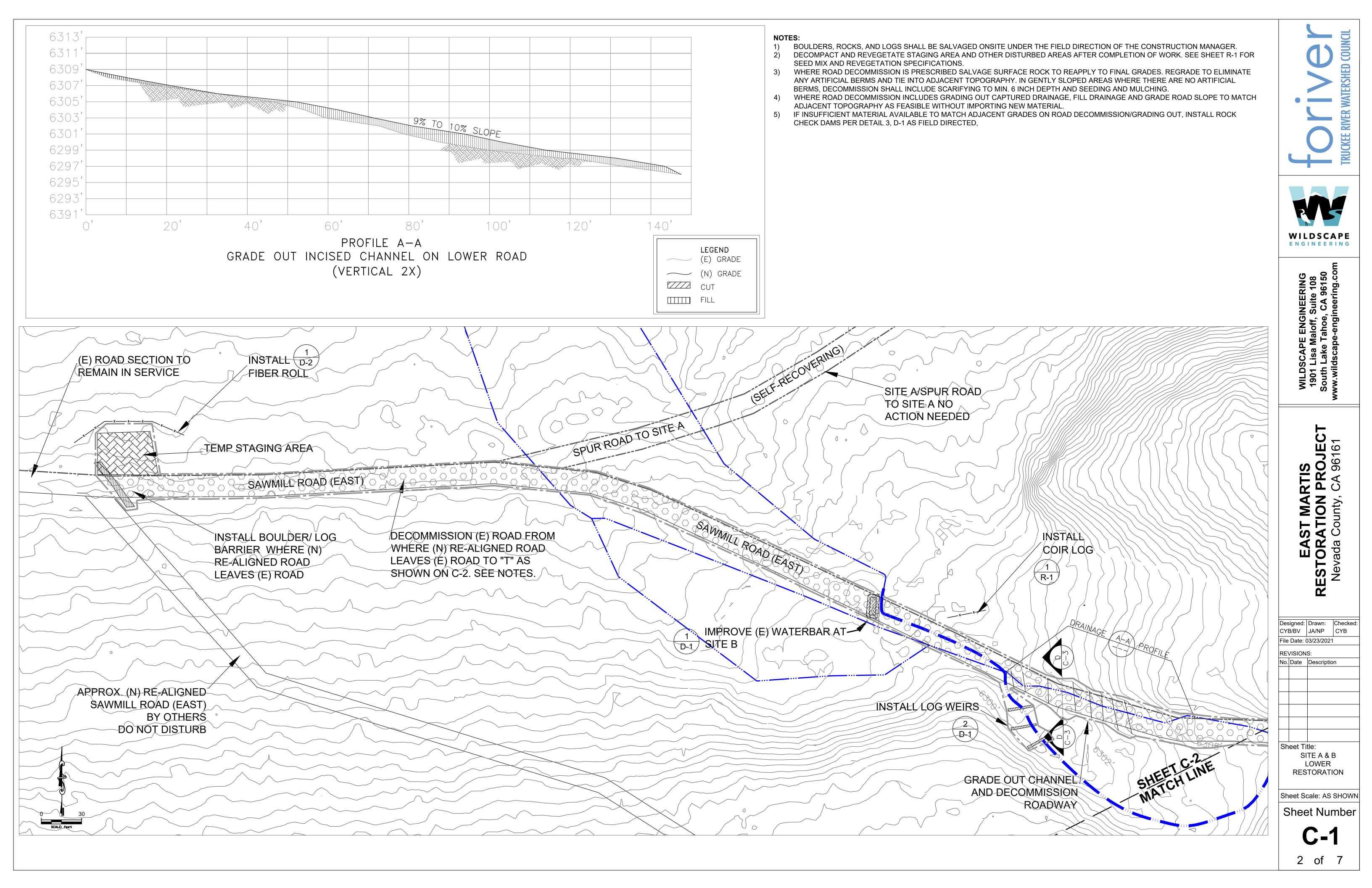


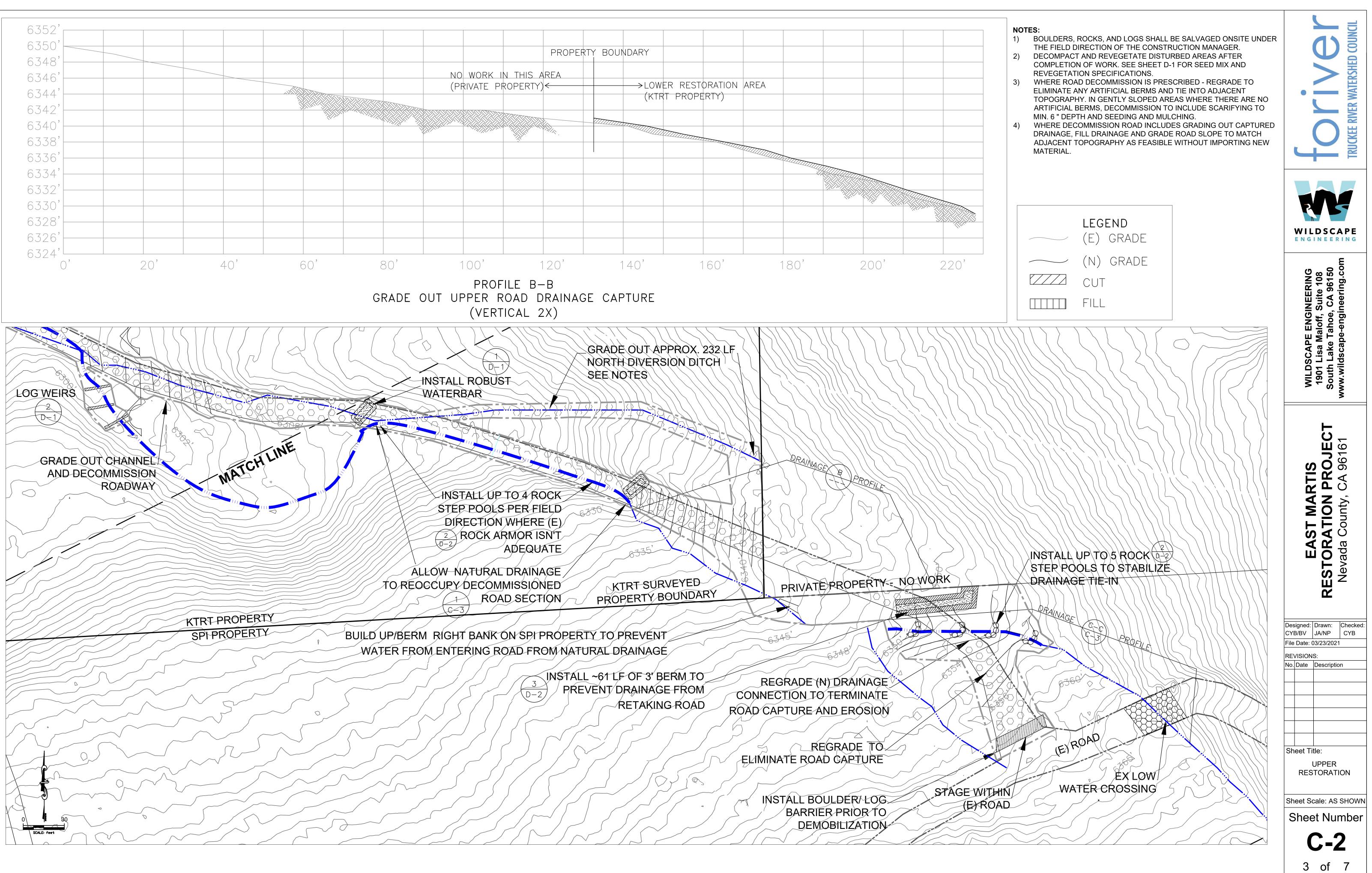
RIVER WATERSHED COUNCI

TRUCKEE

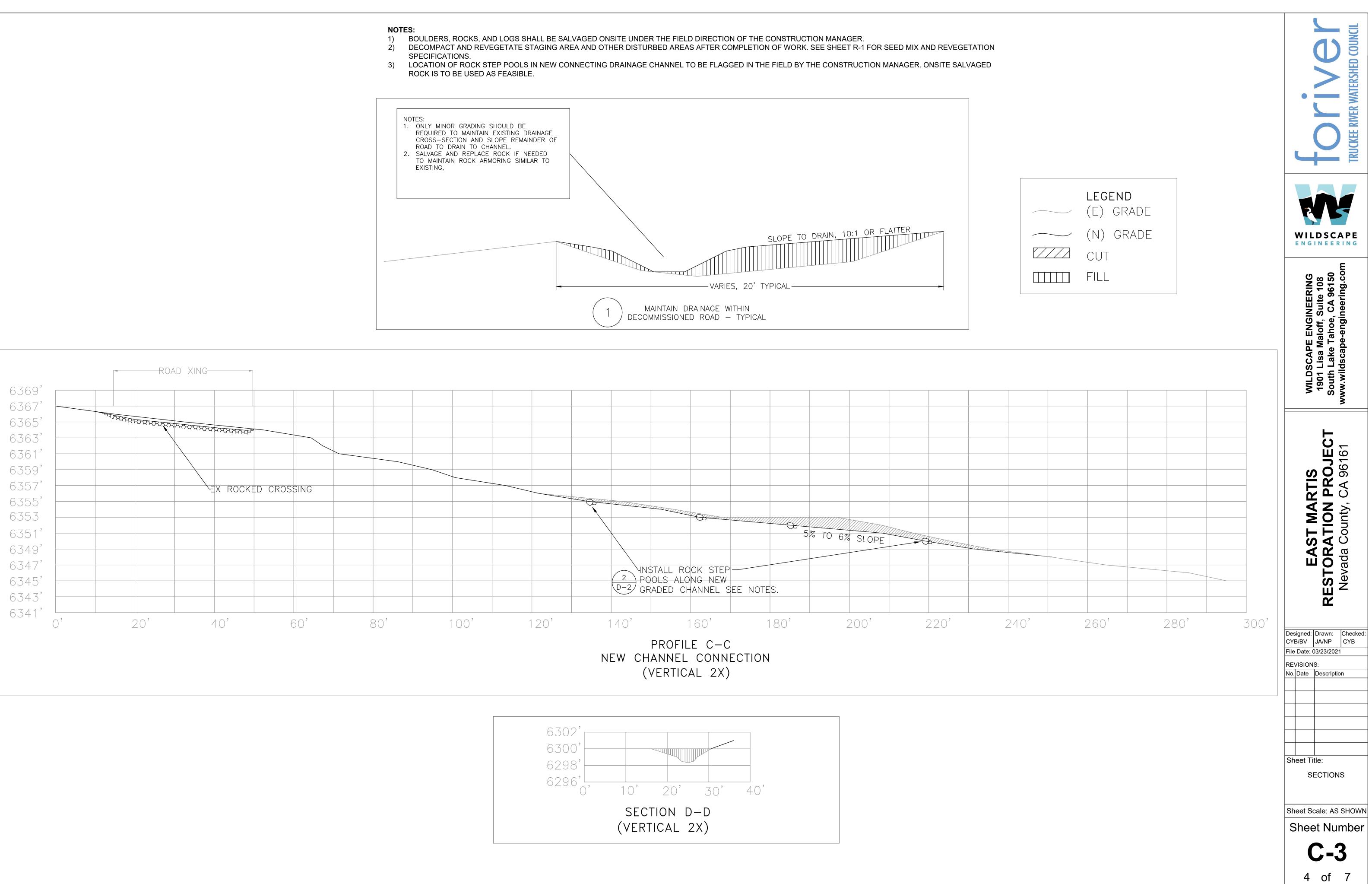
WILDSCAPE ENGINEERING

DATE





NOTES: EXISTING,



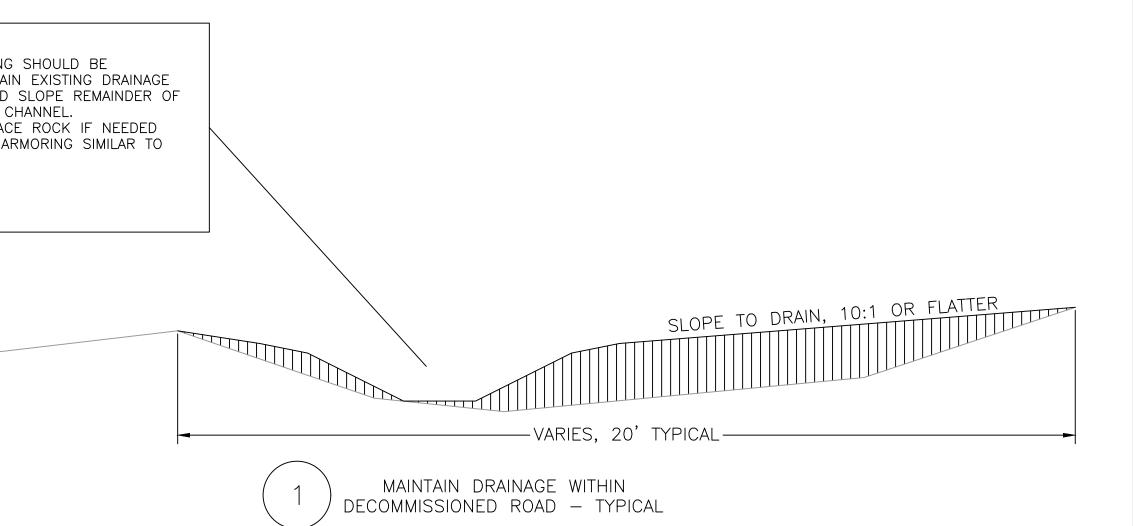
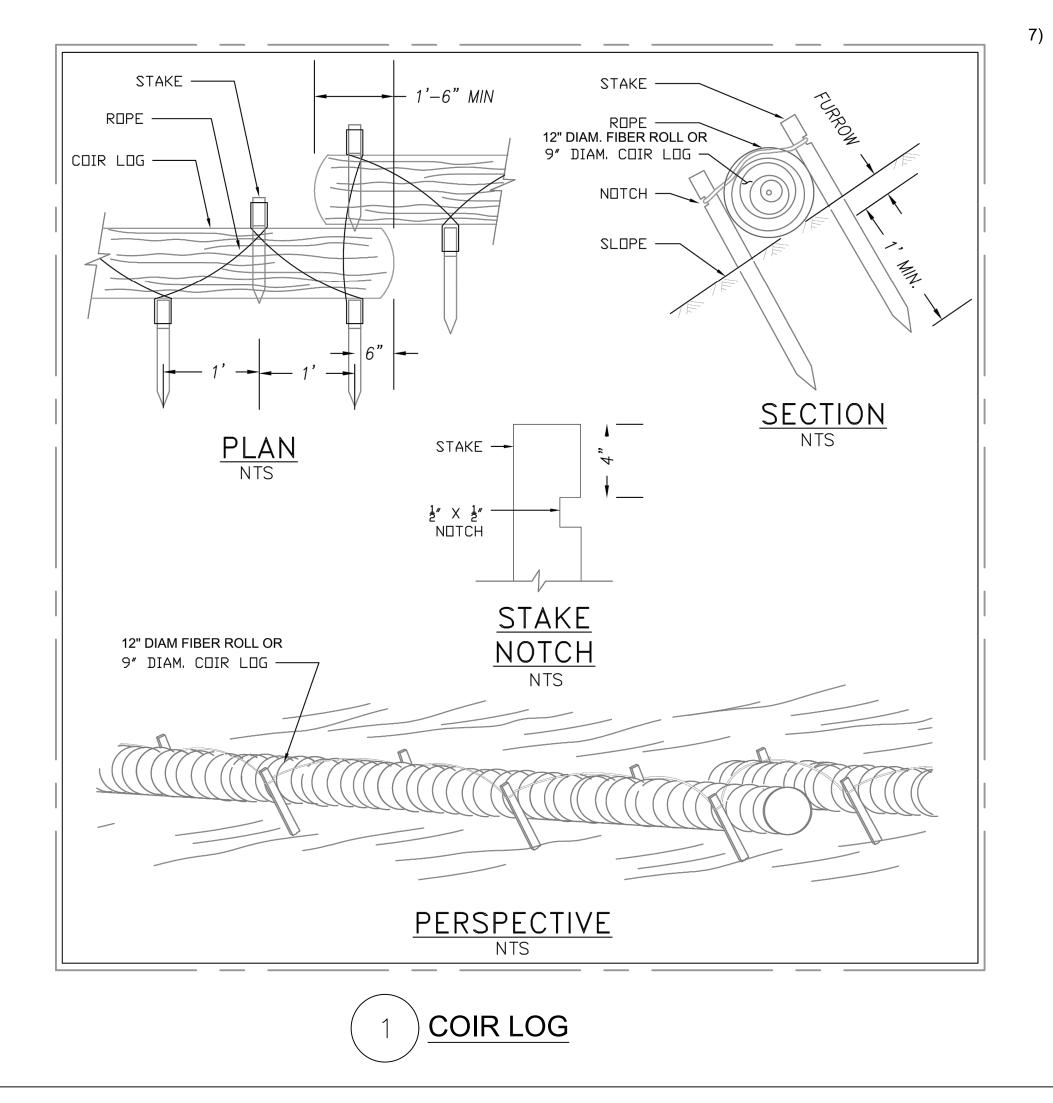


TABLE 1, SEED SPECIFICATION						
Botanical Name	Common Name/Variety	PLS lbs./acre				
Achillea millefolium	Yarrow	0,10				
Achnatherum occident ale	Western needlegrass	1.00				
Artemisia tridentata ssp vaseyana	Mtn. sagebrush	0.50				
Balsamorhiza sagitata	Arrowleaf balsamroot	0,50				
Bromus carintaus	California brome	3.00				
Elymus elymoides	Squirreltail	3.00				
Elymus trachycaulus	Slender wheatgrass, 'Pryor'	4,00				
Ericameria nauseosa	Rubber rabbitbrush	0,50				
Eriogonum umbellatum	Sulfur buckwheat	1.00				
Lupinus lepidus	Pacific lupine	2.00				
Poa secunda	Sandberg bluegrass	1.00				
Purshia tridentata	Bitterbrush	3.00				
Wyethia mollis	Mule's ears	0,50				
	Total	20,10				

TABLE 1. SEED SPECIFICATIONS



REVEGETATION NOTES:

- ALL WORK RELATED TO REVEGETATION AND EROSION CONTROL SHALL BE CONDUCTED 1) BY A QUALIFIED LANDSCAPE CONTRACTOR, POSSESSING A CA C27 LANDSCAPING LICENSE. 2) SOIL DISTURBANCE SHALL BE MINIMIZED AND LIMITED TO AREAS THAT REQUIRE TREATMENT. THE CONTRACTOR SHALL REPLACE ANY UNAUTHORIZED DAMAGED
- VEGETATION. 3) THE CONTRACTOR SHALL REQUEST THAT ALL TREATMENT TYPES, BOUNDARIES, AND
- QUANTITIES ARE VERIFIED PRIOR TO INITIATING THE WORK. REVEGETATED AREAS SHALL BE MAINTAINED FOR ONE FULL YEAR FOLLOWING 4) COMPLETION OF THE WORK.
- SEED BED PREPARATION: DE-COMPACT TO A MINIMUM SIX INCHES AND UP TO 12 INCHES 5) AS DIRECTED PERPENDICULAR TO THE FLOW AS MUCH AS PRACTICABLE. LEAVE SOIL SURFACE ROUGH. USE A RUBBER-TIRED PIECE OF EQUIPMENT WITH RIPPERS OR OTHER APPROVED EQUIPMENT TO ACHIEVE DE-COMPACTION. DO NOT OTHERWISE MIX OR DISTURB SOILS.
- 6) SEED SHALL BE AS SPECIFIED IN TABLE 1. ALL SEED SHALL CONFORM TO ALL LAWS AND REGULATIONS PERTAINING TO THE SALE AND SHIPMENT OF SEED REQUIRED BY THE CALIFORNIA FOOD AND AGRICULTURAL CODE OF 1982, REGULATIONS OF 1983, AND THE FEDERAL SEED ACT. FOR SAGEBRUSH AND RABBITBRUSH SEED TESTS AND RESULTS MUST BE CONDUCTED WITHIN SIX (6) MONTHS OF APPLICATION DATE. ALL OTHER SEED MUST BE TESTED WITHIN TWELVE (12) MONTHS PRIOR TO THE APPLICATION DATE. SEED TAGS MUST REFLECT THE MOST RECENT TEST DATE. SUBMIT ORIGINAL SEED TEST BY LOT NUMBER TO THE OWNER OR THEIR REPRESENTATIVE AT MINIMUM 30 DAYS PRIOR TO **APPLICATION FOR APPROVAL.** FOLLOWING APPROVAL SEED MAY BE MIXED AND DELIVERED TO THE SITE. DELIVER IN SEALED BAGS WITH PROPER LABELING. WEED SEED SHALL NOT EXCEED 0.25 OF THE PURE LIVE SEED SPECIFIED AND SHALL NOT INCLUDE ANY SEED OF CHEATGRASS (BROMUS TECTORUM), RUSSIAN THISTLE (SALSOLA TRAGUS), OR SWEET-BLOSSOM CLOVER (MELILOTUS OFFICINALIS, M. ALBA). CROPS SEED SHALL NOT EXCEED 0.25 PERCENT. ALL SEED IS SUBJECT TO REVIEW AND APPROVAL. REQUESTS FOR SUBSTITUTE SPECIES/AND OR VARIETIES MUST BE SUBMITTED IN WRITING. WRITTEN APPROVAL IS REQUIRED FOR ALL REQUESTED SUBSTITUTIONS. SEED TAGS SHALL SHOW THE FOLLOWING INFORMATION:
 - SUPPLIER
 - SCIENTIFIC NAME
 - COMMON NAME
 - LOT NUMBER
 - PERCENT PURITY
 - PERCENT GERMINATION INCLUDING HARD AND DORMANT SEED
 - PERCENT WEED SEED
 - PERCENT CROP SEED
 - ORIGIN
- SEED BETWEEN SEPTEMBER 1 AND OCTOBER 15 UNLESS OTHERWISE APPROVED. UNIFORMLY BROADCAST SEED WITH HAND-HELD SEEDERS AND LIGHTLY RAKE TO INCORPORATE TO A DEPTH OF 1/4 - 1/2 INCH WITH A SPRING-TOOTHED HARROW OR OTHER APPROVED EQUIPMENT. DO NOT LEAVE UNCOVERED FOR MORE THAN 24 HOURS. DO NOT APPLY UNDER CONDITIONS THAT WOULD ALLOW SEED TO BECOME WIND-BORN (GREATER THAN 5 MPH). FOLLOW SEED APPLICATION WITH GENTLE APPLICATION OF MULCH MATERIAL PER ITEM 8.

8)

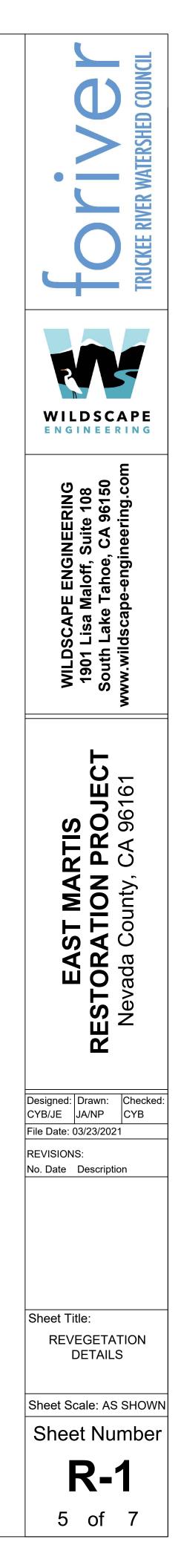
MULCH SHALL CONSIST OF SALVAGED NATIVE MATERIAL FROM THE PROJECT FOOTPRINT INCLUDING PINE NEEDLES AND FOREST DUFF IN AREAS ADJACENT TO THE WORK AS IDENTIFIED BY THE CONSTRUCTION MANAGER IF NECESSARY TO ACHIEVE SPECIFIED COVER, IMPORTED MULCH SHALL BE WOOD CHIPS OR TUB GRINDINGS. PARTICLE SIZE SHALL BE BETWEEN 0.5 AND 2 INCHES IN LENGTH AND NOT LESS THAN 0.5 INCHES IN WIDTH AND 0.125 INCHES IN THICKNESS, WITH AT LEAST 95% CONFORMING TO SPECIFIED SIZES. ALL MATERIAL SHALL BE CLEAN FROM ROCK, GARBAGE, WEEDS, OR OTHER DELETERIOUS MATERIAL

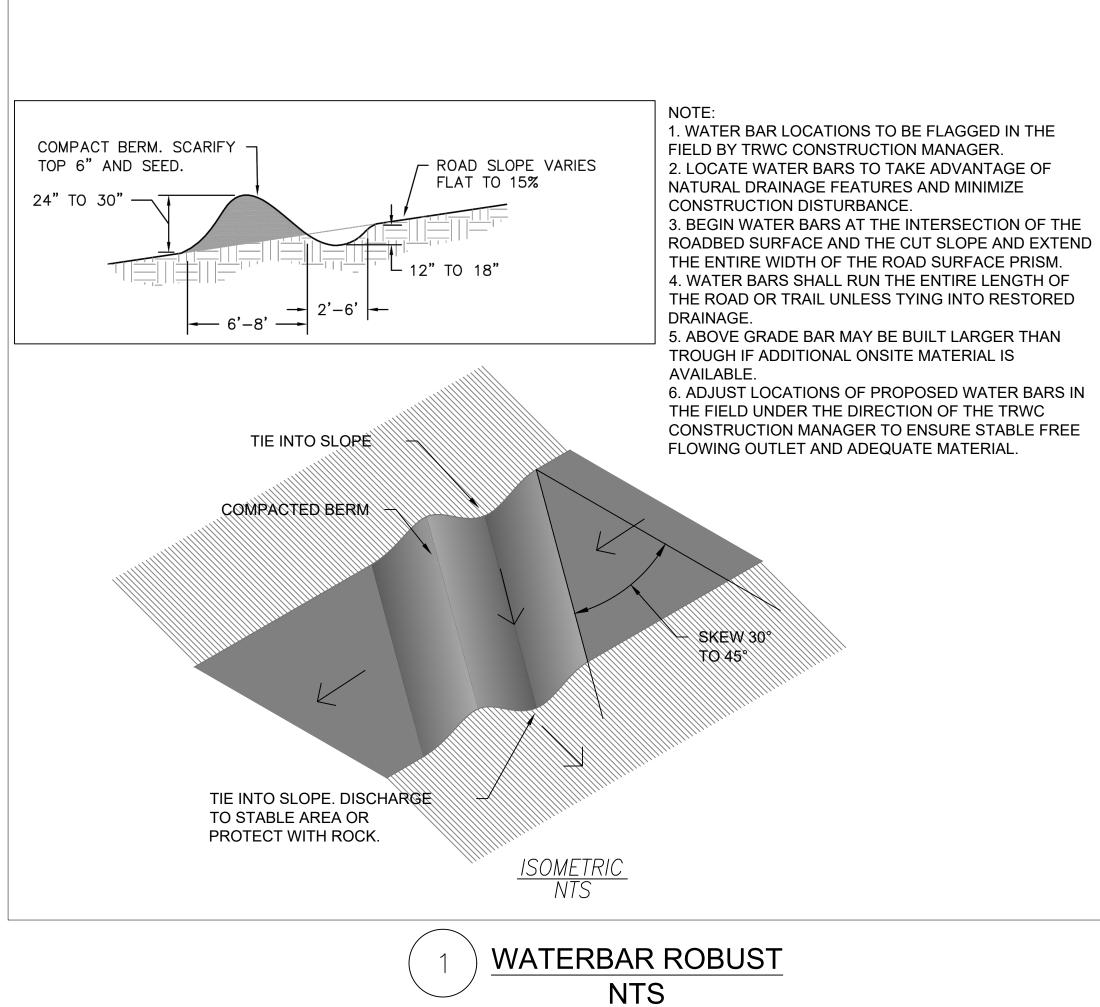
- 9)
- 10) COVERAGE BY VEGETATION AND MULCH.
- MAINTENANCE IS RESUMED.

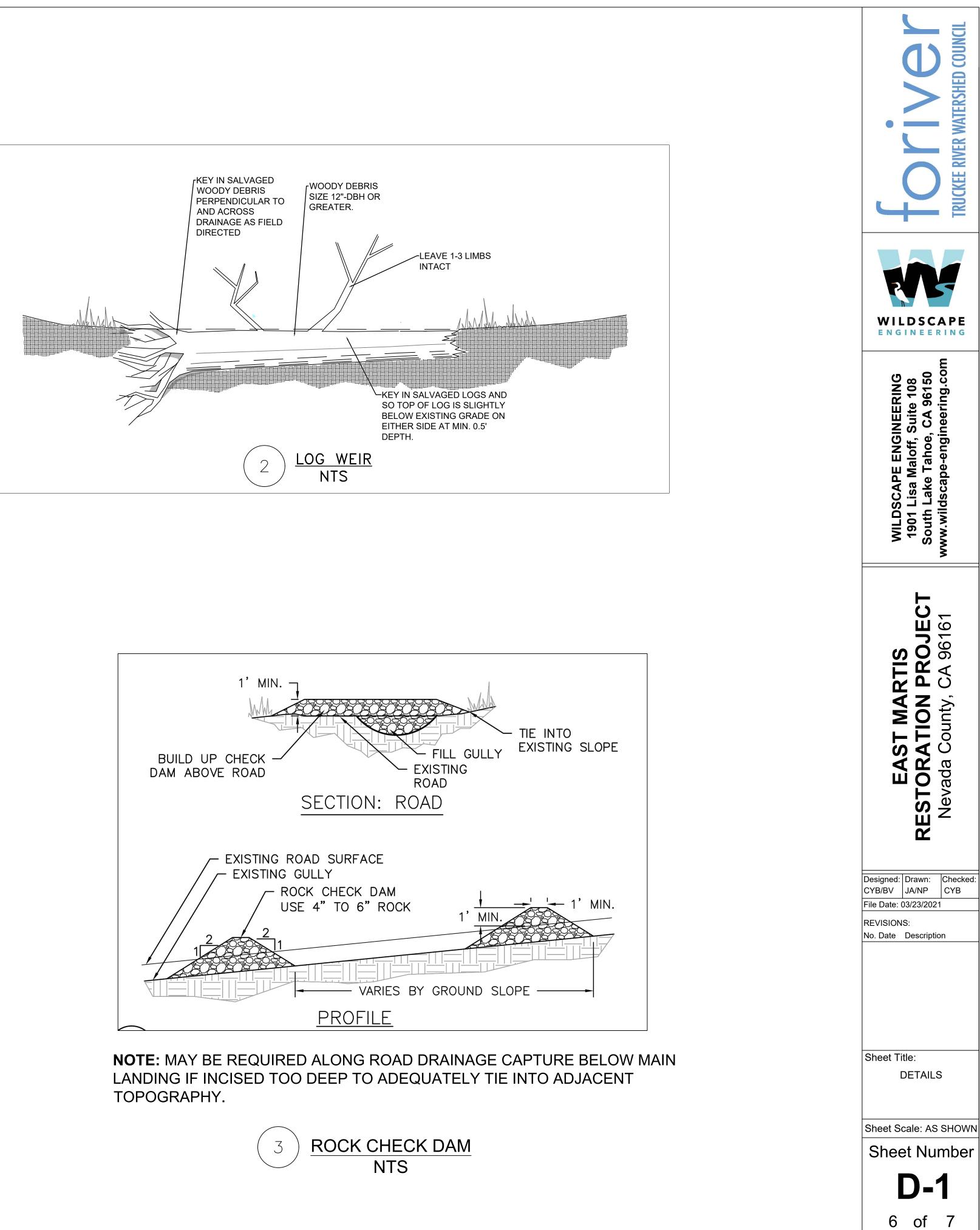
SALVAGE PINE NEEDLES AND DUFF IN THE PROJECT FOOTPRINT AND WINDROW ADJACENT TO THE SITE. IF MATERIAL GENERATED ON SITE IS INADEQUATE, STAGE COMMERCIAL MATERIALS PRIOR TO COMPLETING GRADING. APPLY SALVAGED PINE NEEDLES, DUFF, AND/OR COMMERCIALLY OBTAINED WOOD CHIPS OR TUB GRINDINGS TO A DEPTH OF APPROXIMATELY 1/4 - 1/2 INCH TO ACHIEVE 85% COVER, ONE LAYER DEEP. MAINTENANCE AND WARRANYT: MAINTAIN ALL REVEGETATED AREAS FOR ONE (1) FULL YEAR FOLLOWING NOTICE OF COMPLETION (N.O.C) SO THERE IS NO EVIDENCE OF EROSION, SUCH AS RILLS, GULLIES, OR EVIDENCE OF SHEET FLOW. THE MAINTENANCE PERIOD BEGINS ON THE DATE FOLLOWING THE LAST INSTALLATION. WARRANTY 85%

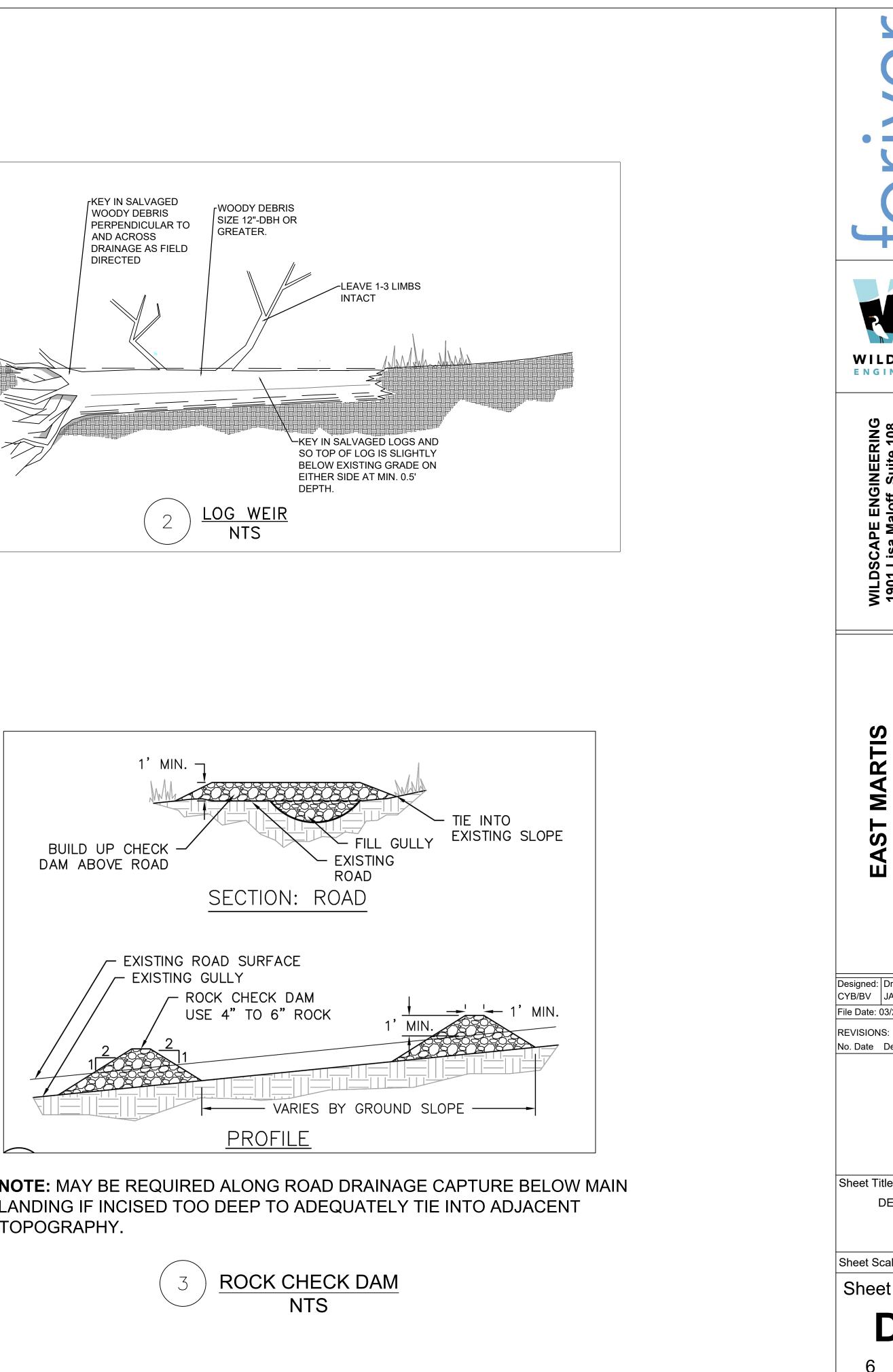
11) WARRANTY AND MAINTENANCE MAY INCLUDE RE-APPLICATION OF SEED AND MULCH. DURING THE MAINTENANCE PERIOD THE SITE SHALL BE KEPT FREE FROM ALL NOXIOUS AND INVASIVE WEEDS. IF AT ANY TIME IT IS DETERMINED THAT PROPER MAINTENANCE IS NOT BEING PERFORMED THE ONE-YEAR MAINTENANCE PERIOD SHALL BE STOPPED AND N OT RESUMED UNTIL THE PROJECT IS BROUGHT UP TO THE SPECIFICATIONS AND PROPER

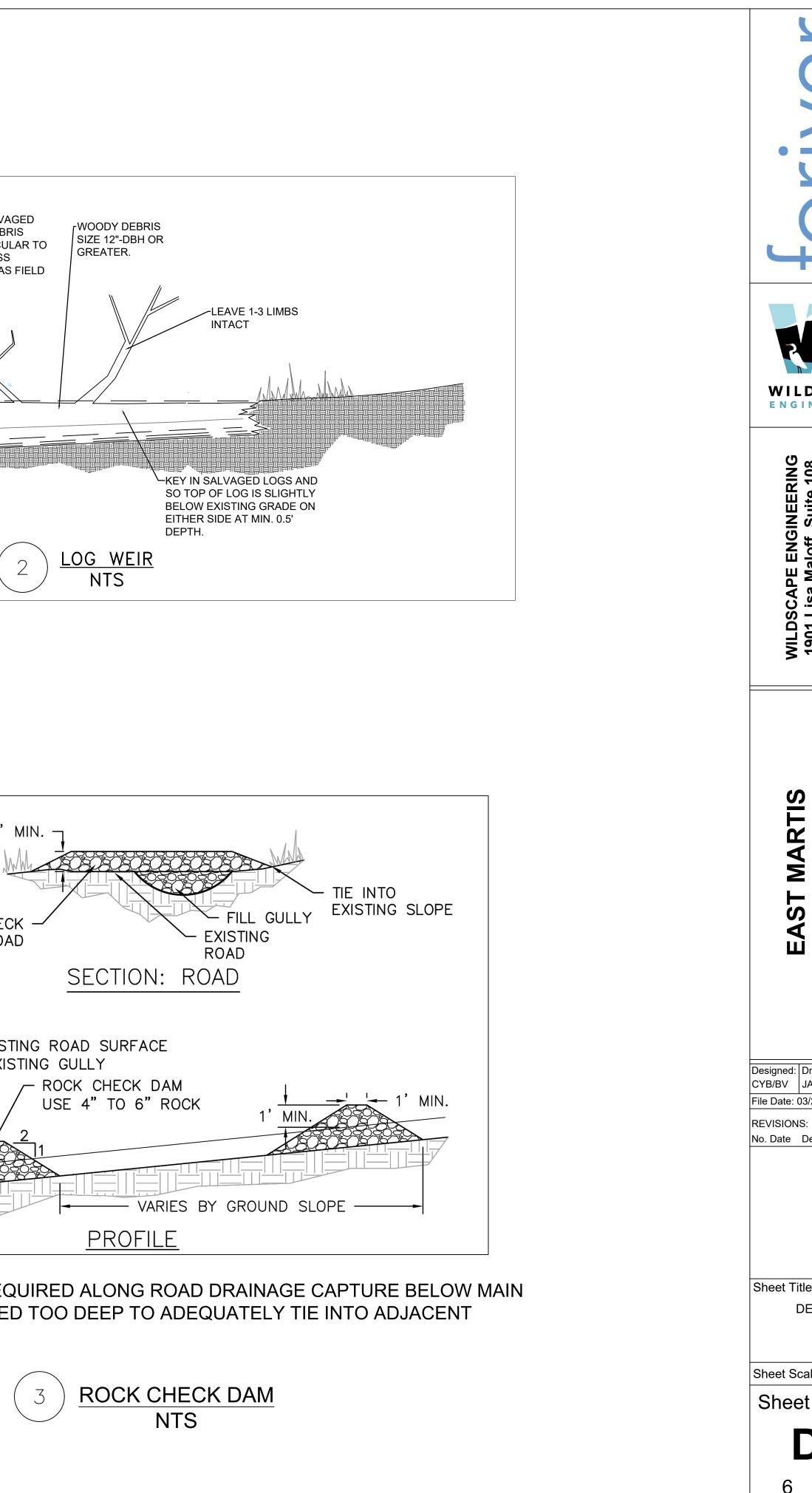
12) IF PROJECT CONSTRUCTION OCCURS IN THE SPRING, CONTRACTOR SHALL TREAT THE INVASIVE SPECIES BROMUS TECTORUM PRIOR TO SEED SET, AS DIRECTED AND APPROVED BY THE TRWC PROJECT MANAGER. IF PROJECT CONSTRUCTION OCCURS IN THE SUMMER OR FALL, CONTRACTOR SHALL SWEEP ALL VEHICLES AND EQUIPMENT THOROUGHLY BEFORE DEMOBILIZING TO REMOVE SEED OF INVASIVE SPECIES BROMUS TECTORUM TO THE EXTENT PRACTICABLE TO PREVENT SPREADING.











TRUCKEE RIVER WATERSHED COUNCIL

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