

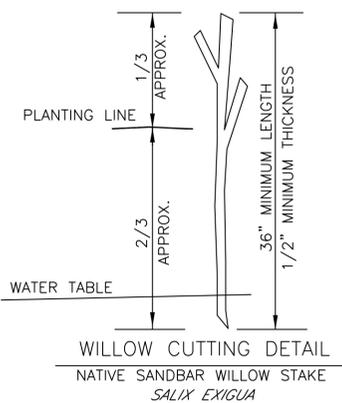
Kiowa
Engineering Corporation
7175 West Jefferson Avenue, Suite 2200
Lakewood, Colorado 80235
(303) 692-0369

**LORSON RANCH
CREEKSIDE DEVELOPMENT
EAST FORK JIMMY CAMP CREEK
LANDSCAPE PLAN**
EL PASO COUNTY, COLORADO

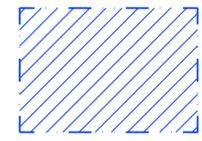
NOTES

1. VEGETATION OF AREAS DISTURBED WHILE COMPLETING THE CONSTRUCTION WORK SHALL BE RESTORED TO ORIGINAL CONDITION. SEEDED AREAS DISTURBED BY THE CONTRACTOR AFTER SEEDING SHALL BE RESEED AS ORIGINALLY SPECIFIED.
2. SUPPLEMENTAL WATERING MAY BE REQUIRED UNTIL THE PLANTINGS ARE ESTABLISHED.
3. ALL NATIVE GRASSES AND SHRUBS SHALL BE PLANTED WITH A MINIMUM OF 6-INCHES OF TOPSOIL AND MULCHED. SEED SHALL BE INSTALLED WITH A DRILL SEEDER WHEREVER POSSIBLE.
4. NATIVE GRASS SEED MIX IS AS PROVIDED. ALTERNATE SEED MIXES SHALL NOT BE USED. CERTIFIED SEED TAGS SHALL BE SUBMITTED TO THE ENGINEER A MINIMUM OF 10 DAYS PRIOR TO SEEDING OPERATIONS.
5. LIVE DORMANT WILLOW STAKES SHALL BE HARVESTED ON-SITE AND INSTALLED PER SPECIFICATIONS IN "NATIVE PLANT REVEGETATION GUIDE FOR COLORADO", CARING FOR THE LAND SERIES VOL. III, OCTOBER, 1998. COLORADO DEPARTMENT OF NATURAL RESOURCES. WILLOW SALVAGE AREAS ARE TO BE DIRECTED IN THE FIELD PRIOR TO THE TIME OF PLANTING. NATIVE COTTONWOOD AND/OR PEACH LEAF WILLOW TREES MAY ALTERNATIVELY BE INSTALLED BY LIVE POLE PLANTINGS PER THE PREVIOUSLY MENTIONED REVEGETATION GUIDE.
6. NOXIOUS WEEDS WILL MOST LIKELY BE ENCOUNTERED AFTER CONSTRUCTION AND SHALL BE CONTROLLED IN THE RESTORATION AREAS. MOWING, HERBICIDES OR HAND PULLING MAY BE REQUIRED FOR SEVERAL YEARS. RUSSIAN OLIVE, BULL THISTLE, CANADA THISTLE AND KOCHIA ARE ANTICIPATED TO BE PROBLEMATIC.

SCHEDULE OF PLANTING				
TREES		SIZE	QUANTITY	
<i>Populus deltoides*</i>	plains cottonwood	5 gal.	11	
<i>Salix amygdaloides*</i>	peachleaf willow	5 gal.	4	
*ALTERNATIVELY, WILLOW & COTTONWOOD TREES MAY BE INSTALLED BY POLE PLANTING.				
<i>Salix exigua*</i>	sandbar willow	3/8" stakes	1265	4' O.C.
*3/8" LIVE WILLOW STAKES, HARVESTED LOCALLY, AND TO BE INSTALLED PER DETAIL.				



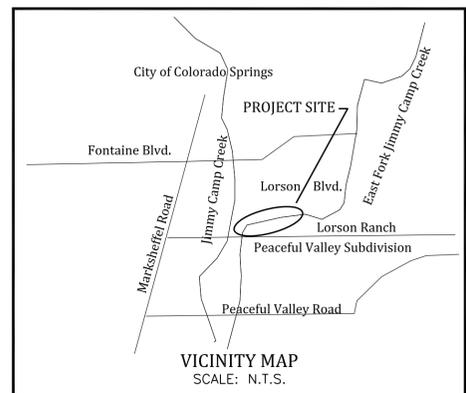
PROTECT LIVE WILLOW STAKES FROM DAMAGE DURING INSTALLATION. EITHER USE PRY BAR OR PROBE TO MAKE OPENING BETWEEN ROCKS OR USE TUBING TO PROVIDE OPENINGS. REMOVE TUBING AND TAMP NATIVE SOIL TO ELIMINATE VOIDS AROUND STEM. PLANT GROWTH END UP.



PROPOSED WATERS OF US MITIGATION AREA = 1.5 ACRES

- TYPE L SOIL/RIPRAP
- TYPE VL SOIL/RIPRAP
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED LOW FLOW
- CENTERLINE
- BOULDER LOW FLOW

SEED MIX		
AREAS DISTURBED BY THE EARTHWORK SHALL BE PERMANENTLY REVEGETATED WITH NATIVE GRASSES. NATIVE SEED MIX FOR THIS PROJECT SHALL BE AS FOLLOWS:		
SPECIES		lbs/acre
WESTERN WHEAT GRASS	<i>Pasopyrum smithii</i>	3.0
SIDEOATS GRAMA	<i>Bouteloua curtipendula</i>	2.0
SLENDER WHEAT GRASS	<i>Elymus trachycaulus</i>	2.0
LITTLE BLUESTEM	<i>Schizachyrium scoparium</i>	2.0
SWITCH GRASS	<i>Bouteloua gracilis</i>	0.5
JUNE GRASS	<i>Panicum virgatum</i>	2.0
BLUE GRAMA	<i>Koeleria cristata</i>	0.5
SAND DROPSEED	<i>Sporobolus cryptandrus</i>	0.5
		12.5 lbs
SEEDING APPLICATION: DRILL SEED 1/4" TO 1/2" INTO TOPSOIL. IN AREAS INACCESSIBLE TO A DRILL, HAND BROADCAST AT DOUBLE THE RATE AND RAKE 1/4" TO 1/2" INTO THE TOPSOIL.		
MULCHING APPLICATION: 1-1/2 TONS NATIVE HAY PER ACRE, MECHANICALLY CRIMPED INTO THE TOPSOIL OR HYDROMULCH.		



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