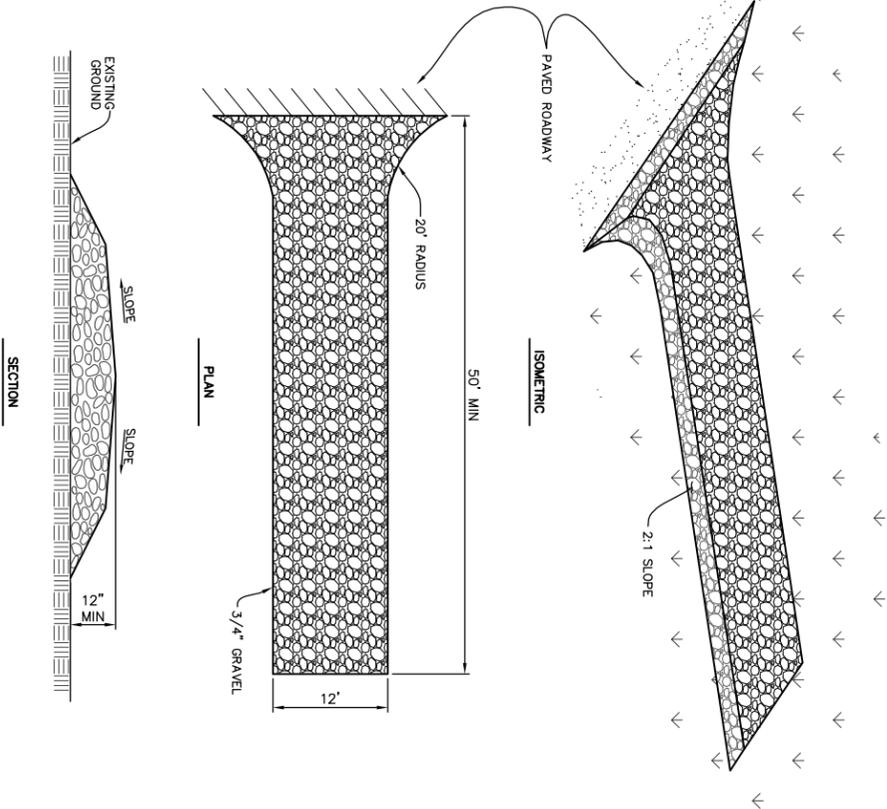
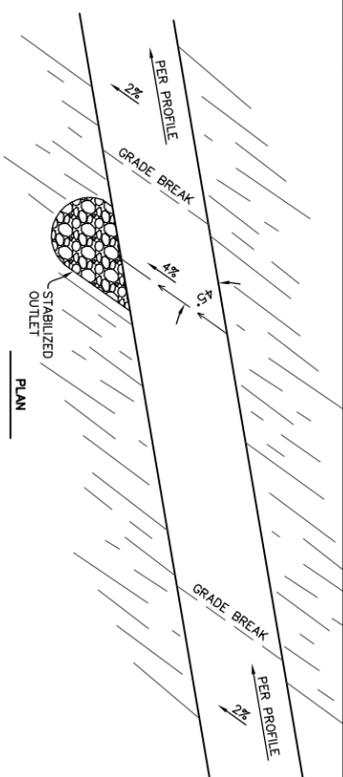


NOTE: STONES USED FOR CREEK CROSSINGS SHALL BE APPROXIMATELY 18" IN DIAMETER AND PLACED DIAGONALLY ACROSS THE CREEK. 18" TO 24" IN DIAMETER STONES SHALL BE USED TO PROVIDE A STABLE PLATFORM. MATERIALS TO PROVIDE A STABLE STEPPING PLATFORM.

STONE CROSSING
N.T.S.

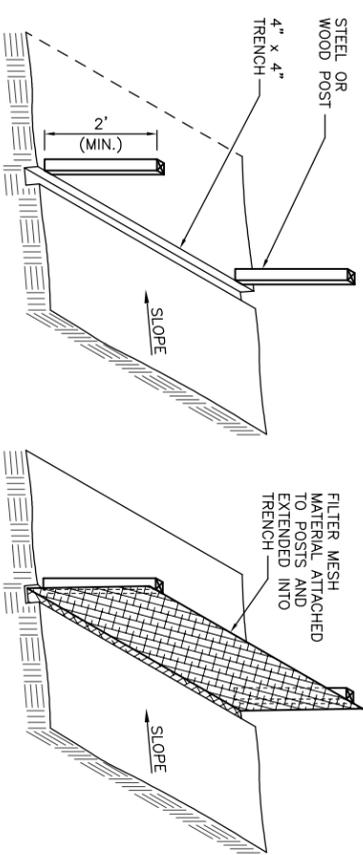


STABILIZED CONSTRUCTION ENTRANCE
N.T.S.

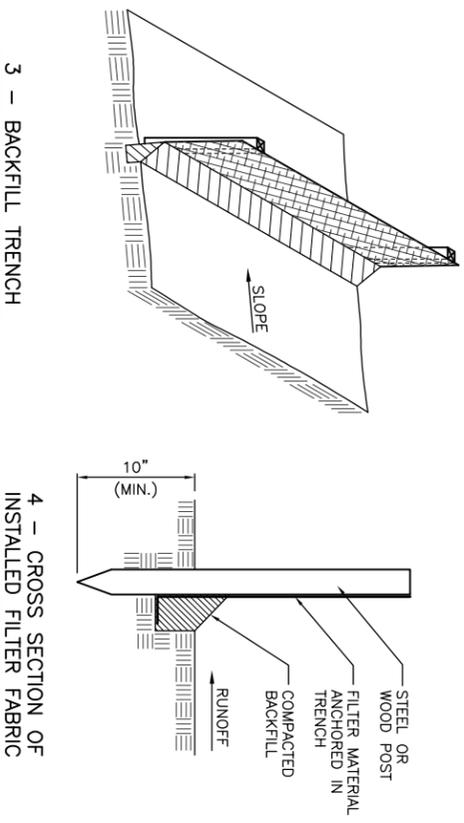


NOTE: ROLLING GRADE DIPS SHALL BE APPROXIMATELY 80' ON CENTER. ROLLING GRADE DIPS SHALL ALSO BE LOCATED AT NATURAL DRAINAGE FEATURES TO ALLOW UNIMPEDED FLOW ACROSS THE ROAD AND EXIT AT THE PRE-CONSTRUCTION LOCATION.

ROLLING GRADE DIP
N.T.S.



1 - SET POSTS & EXCAVATE TRENCH
2 - INSTALL FILTER FABRIC



3 - BACKFILL TRENCH
4 - CROSS SECTION OF INSTALLED FILTER FABRIC

LOW WATER CROSSING GENERAL NOTES

- CROSSINGS SHALL BE USED FOR DRY STREAM BEDS AND WHERE CROSSING WILL CAUSE MINIMAL WATER QUALITY IMPACTS.
- CROSSING SHALL BE CONSTRUCTED DURING DRY MONTHS WHEN THE STREAM IS DRY OR THE WATER LEVEL IS AS LOW AS POSSIBLE.
- CROSSING MATERIALS SHALL BE CLEAN, NON-ERODIBLE, AND NON-TOXIC TO AQUATIC LIFE.
- CROSSINGS SHALL BE INSTALLED PERPENDICULAR TO THE STREAM BED.
- TEMPORARY SEGMENT CONTROL STRUCTURES SHALL BE INSTALLED IMMEDIATELY PRIOR TO CONSTRUCTION TO MINIMIZE EROSION INTO THE STREAM. SEDIMENT CONTROL STRUCTURES SHALL BE MAINTAINED UNTIL SOIL IS PERMANENTLY STABILIZED.

DRY OR LOW WATER CROSSING
N.T.S.

SILT FENCE GENERAL NOTES

- SILT FENCE SHALL BE INSTALLED:
- WHERE NON-CONCENTRATED SHEET FLOW WILL OCCUR DOWNHILL FROM EARTH DISTURBING CONSTRUCTION
 - WHERE PROTECTION OF ADJACENT PROPERTY OR "WATERS OF THE UNITED STATES" IS REQUIRED
 - AT THE SIZE OF THE DRAINAGE AREA IS NO MORE THAN 1/4 ACRE PER 100 FEET OF SILT FENCE
 - SUCH THAT THE MAXIMUM FLOW PATH LENGTH ABOVE THE BARRIER IS 100 FEET
 - SUCH THAT THE MAXIMUM FLOW GRADIENT ABOVE THE BARRIER IS 2:1



INSTALLED SILT FENCE

CONCEPT - MODIFIED REDESIGN ALTERNATIVE

<p>FOR REDUCED PLANS ORIGINAL SCALE IN INCHES</p>		<p>DUDEK 621 CHAPALA STREET SANTA BARBARA, CA 93101 (805) 963-0851</p>		<p>NO. DATE</p>		<p>REVISIONS</p>		<p>APPD.</p>	
<p>DESIGN: JHC PROJECT ENGINEER</p>		<p>CHECKED: BEF DATE:</p>		<p>111 East Victoria Street Santa Barbara, CA 93101 Phone: (805) 963-9332</p>		<p>Parfield & Smith Engineers, Surveyors, Planners Construction Management</p>		<p>BRET FOSTER PROJECT ENGINEER (EXP. 06-30-12)</p>	
<p>TRAIL AND GRADING BMP'S</p>		<p>SANTA MONICA MOUNTAINS CONSERVANCY MALIBU, CALIFORNIA</p>		<p>P&S PROJECT NO. 13638.05</p>		<p>SHEET 38 OF 63</p>		<p>PLAN DATE JUNE 25, 2010</p>	