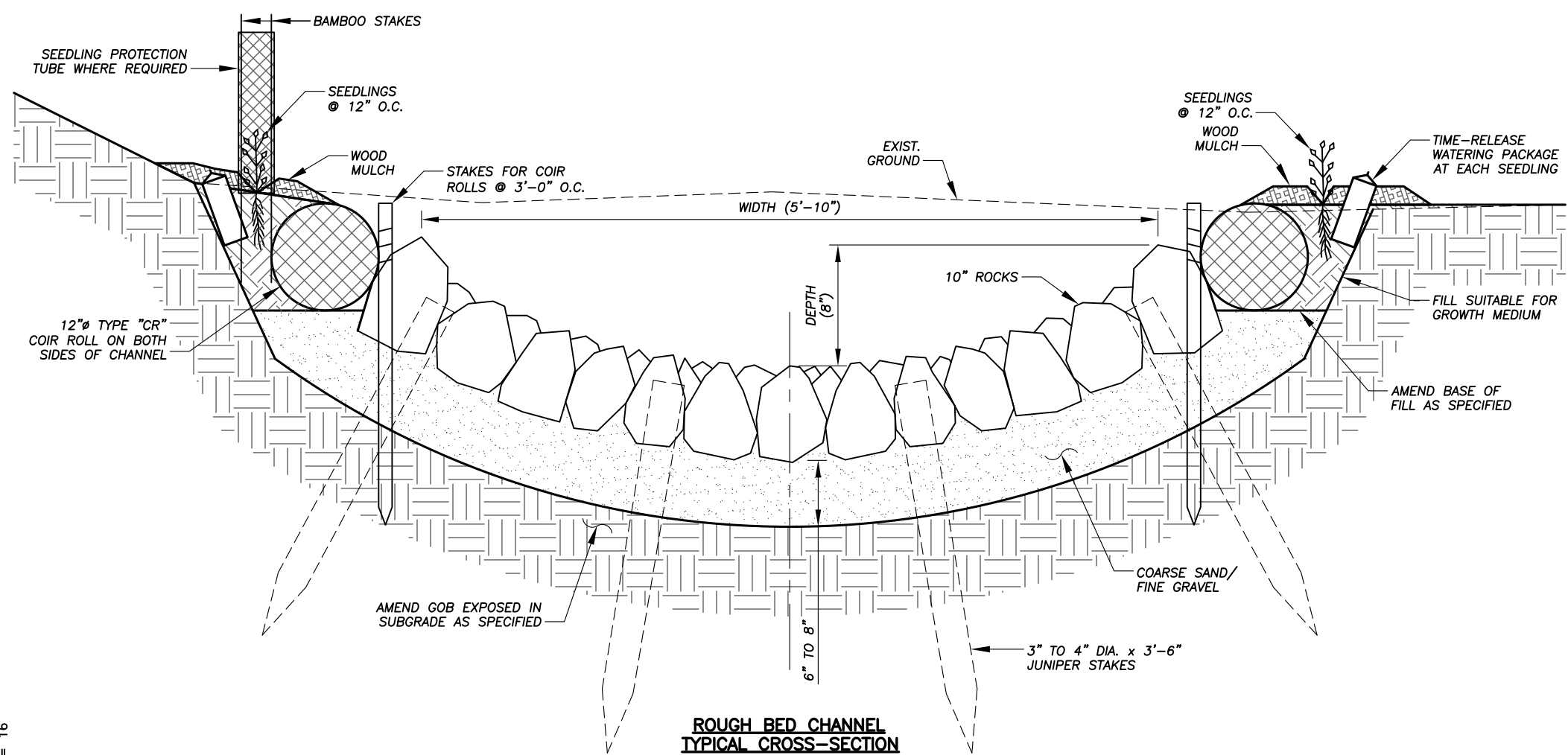


YV_ROUGH_BED_CHANNEL.DWG PLOT SCALE 1 = 16



**ROUGH BED CHANNEL
TYPICAL CROSS-SECTION**

GENERAL NOTES:

1. MINIMIZE DISTURBANCE TO EXISTING VEGETATION THROUGHOUT CHANNEL CONSTRUCTION.
2. SAND, GRAVEL AND ROCK SHALL BE SHARP-EDGED, HARD, DENSE, DURABLE AND ACCEPTABLE TO THE PROJECT ENGINEER.
3. EXCAVATE AND SHAPE THE CHANNEL SUBGRADE AS SHOWN. AMEND EXPOSED GOB IN SUBGRADE WITH 150 LBS./1000 S.F. OF LIME AND 325 LBS./1000 S.F. OF GYPSUM, INCORPORATED EVENLY INTO THE UPPER SIX INCHES. RE-COMPACT SUBGRADE FOLLOWING INCORPORATION.
4. SHAPE THE GROUND AT THE ENTRANCE TO THE UPPER END OF THE CHANNEL TO DIRECT STORM FLOWS INTO THE CHANNEL.
5. DRIVE STAKES PERPENDICULAR TO STORM FLOW IN ROWS OF FOUR EACH SPACED 8 (EIGHT) FEET APART.
6. PLACE A LAYER OF COARSE SAND/FINE GRAVEL (UP TO 1" SIZE) ON THE PREPARED SUBGRADE.
7. STARTING AT THE BOTTOM OF THE CHANNEL, PLACE SHARP-EDGED ROCKS ERECT INTO THE LAYER OF SAND/GRAVEL, WITH THE LARGEST SIDE DOWN AND TIGHTLY ABUTTING ADJACENT ROCKS. ROCKS SHALL AVERAGE 10 INCHES IN EACH DIMENSION.
8. THE BOTTOM OF THE CHANNEL SHALL BE CARRIED TO A POINT TWO FEET BELOW THE BOTTOM OF THE STREAM (OR AGAINST SHALLOWER EXISTING BEDROCK OR LARGE BOULDERS IN THE STREAM BED).
9. FILL THE JOINTS BETWEEN THE ROCKS WITH CRUSHED GRAVEL/ROCK (1/8" TO 2").

GENERAL NOTES FOR "CR" COIR ROLL TERRACES:

1. INSTALL TYPE "CR" TERRACES WHERE INDICATED AND WHERE THE PROJECT MANAGER DIRECTS, IN MULTIPLES OF TEN-FOOT LENGTHS AS SHOWN.
2. INSTALL TYPE "CR" TERRACES ACCORDING TO THE GENERAL NOTES FOR STRAW BALE TERRACES (INCLUDING TERRACE AMENDMENTS AS SPECIFIED AND AS MODIFIED HEREIN).
3. PLACE TYPE "CR" COIR ROLLS CONTINUOUSLY ALONG BOTH SIDES OF THE CHANNEL AS SHOWN. BEFORE PLACING COIR ROLLS, SPREAD SOIL AMENDMENTS, SOIL FERTILIZER AND SOIL STIMULANT ON THE EXCAVATED BED FOR THE COIR ROLLS AS SPECIFIED IN THE GENERAL NOTES FOR STRAW BALE TERRACES.
4. STAKE TWELVE INCHES FROM EACH END OF ROLLS AND WATTLES AND AS INDICATED AND TIE STAKES TO ROLLS AND WATTLES WITH BIODEGRADABLE ROPE OR TWINE (SISAL, HEMP OR APPROVED EQUIVALENT) WITH A TENSILE STRENGTH OF AT LEAST 200 POUNDS. STAKES SHALL BE DRIVEN 12 INCHES INTO THE SOIL BELOW THE ROLLS AND WATTLES.
5. TIGHTLY ABUT ADJACENT ROLLS AND WATTLES AND TIE ENDS OF ROLLS AND WATTLES TOGETHER WITH SPECIFIED BIODEGRADABLE ROPE OR TWINE. INSTALL ROLLS AND WATTLES TO PREVENT STORMWATER FROM RUNNING UNDER THEM OR AROUND THEIR ENDS.
6. INSTALL SEEDLINGS ALONG COIR ROLLS ACCORDING TO THE GENERAL NOTES FOR LANDSCAPE PLANTING, INCLUDING PLANTING HOLE AMENDMENTS, FERTILIZER AND MULCH.
7. ONE QUART TIME-RELEASE WATERING PACKAGES SHALL BE "QUART CARTON" BY DRI-WATER INC. (800.255.8458), "IS-QT" BY RAIN BIRD CORPORATION, O.A.E. AT EACH SEEDLING PLANTED, INSTALL A WATERING PACKAGE AT THE TIME OF PLANTING AND REPLACE WITH A FRESH PACKAGE THREE MONTHS LATER AT EACH LIVE SEEDLING.
8. MULCH FOR SEEDLINGS SHALL BE A MINIMUM TWO-INCH THICK LAYER OF WOOD CHIPS, WITH FOUR-INCH MAXIMUM CHIP DIMENSION. PLACE MULCH TO ONE FOOT MINIMUM FROM SEEDLING STEMS.

ABANDONED MINE LAND PROGRAM MINING AND MINERALS DIVISION ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT		
SCALE: NOT TO SCALE	GOB PILE D.4	DRAWN BY: JAK
DATE: NOV. 6, 2012		REVISED:
ROUGH BED CHANNEL DETAILS		
YANKEE-VUKONICH MAINTENANCE PROJECT II		DRAWING NUMBER: FIGURE 8