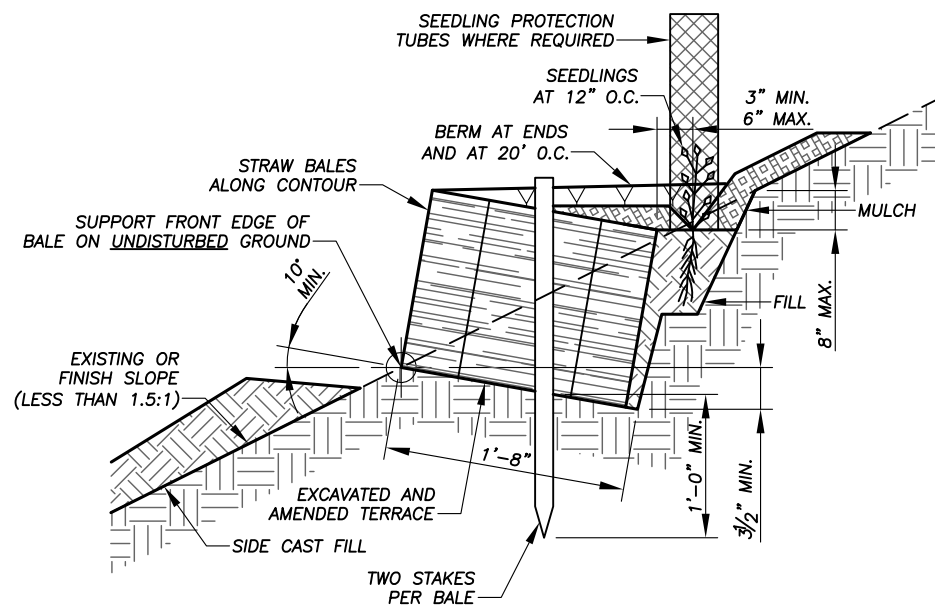
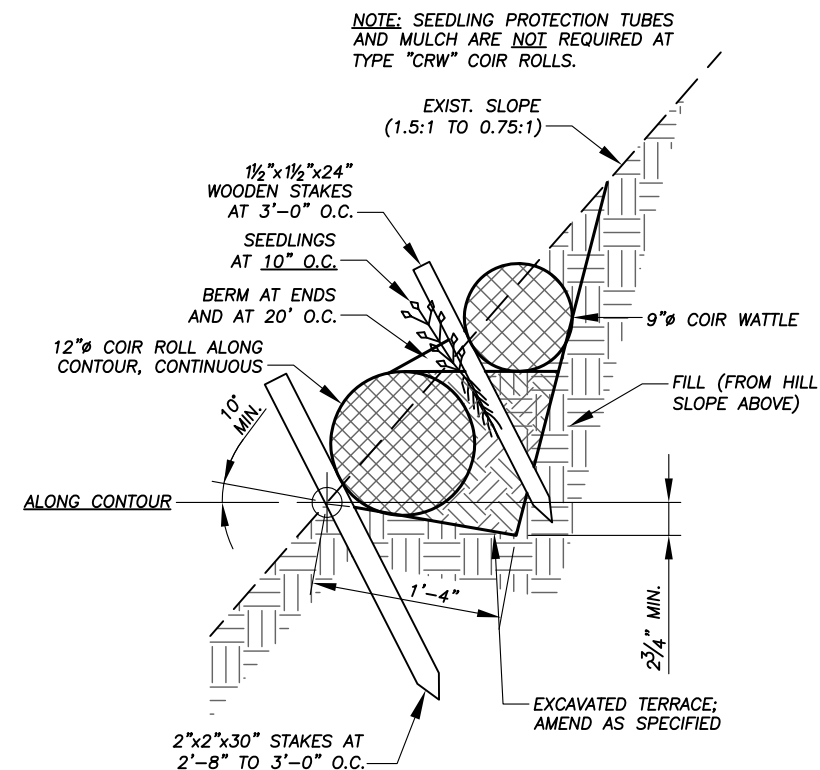


GENERAL NOTES FOR STRAW BALE TERRACES:

1. BACK SLOPE TERRACES AT 10 DEGREES MINIMUM BELOW HORIZONTAL (APPROX. 6:1) AS SHOWN.
2. BEFORE PLACING BALES (AND COIR ROLLS) AT TERRACES AND AT TRENCHES FOR STRAW BALE BERMS, SPREAD SOIL AMENDMENTS AND FERTILIZERS ON THE EXCAVATED TERRACE AS FOLLOWS:
 - a. SPECIFIED AMOUNTS OF GYPSUM AND LIME (REFER TO SPECIFICATION 02908).
 - b. 2.0 POUNDS OF SLOW-RELEASE ORGANIC FERTILIZER PER 100 LINEAR FEET. FERTILIZER SHALL BE "PROTEIN CRUMBLIES" BY SOIL SECRETS LLC, LOS LUNAS NEW MEXICO (WWW.SOILSECRETS.COM, 505.550.4236) OR APPROVED EQUIVALENT (O.A.E.).
 - c. 4.0 POUND OF SOIL CONDITIONER WITH RECALCITRANT HUMUS PER 100 LINEAR FEET. SOIL CONDITIONER SHALL BE "TERRAPRO" BY SOIL SECRETS, LLC O.A.E. NOTE THAT THE SAME AMENDMENTS, IN THE SAME QUANTITIES, SHALL BE PLACED AT TYPE "CRW" AND "CR" COIR ROLL TERRACES.
3. TIGHTLY ABUT ADJACENT BALES AND STUFF LOOSE STRAW IN ALL SPACES BETWEEN BALES. STRAW BALES SHALL BE COMPOSED OF SMALL GRAIN STRAW OR OTHER APPROVED MATERIAL CONTAINING APPROXIMATELY EIGHT CUBIC FEET OF MATERIAL, WEIGHING AT LEAST 35 POUNDS, AND FREE OF NOXIOUS WEEDS AND WEED SEED.
4. STAKES SHALL BE 2"x2"x30" HARDWOOD STAKES OR OTHER STAKE ACCEPTABLE TO THE PROJECT ENGINEER. A PILOT HOLE MAY FIRST NEED TO BE DRIVEN. STAKES SHALL BE DRIVEN TO AT LEAST 12 INCHES BELOW THE BOTTOM OF THE BALES.
5. AS SHOWN, CONSTRUCT EARTH BERMS WITH 12" TOP WIDTH AT ENDS OF STRAW BALE (AND COIR ROLL) INSTALLATIONS AND AT NO MORE THAN 20' ON CENTERS. COMPACT BERMS BY TAMPING THOROUGHLY.



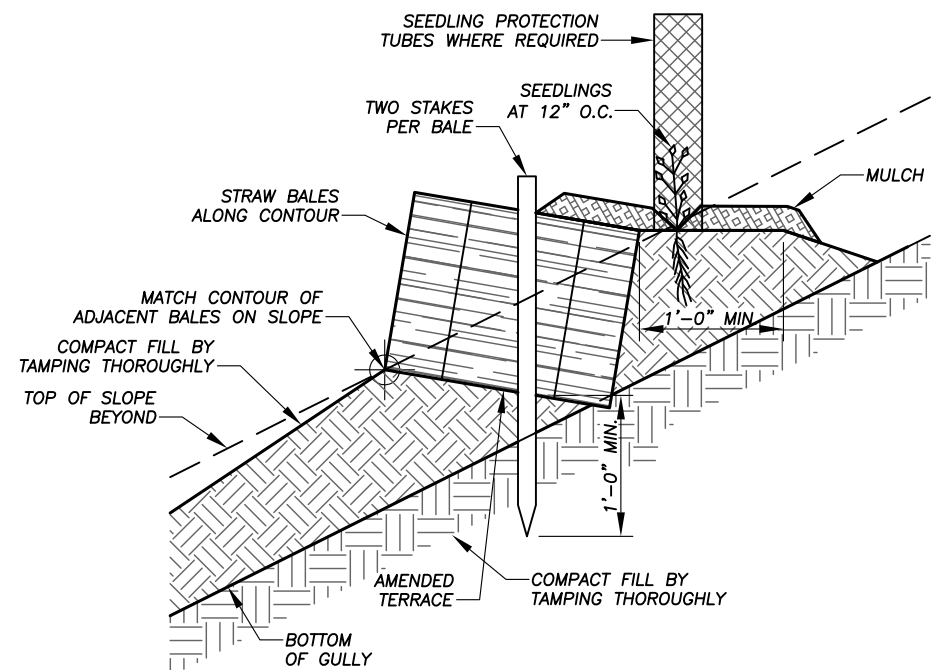
TYPICAL SECTION - TYPE "SB" STRAW BALE TERRACE
(ON SLOPES LESS STEEP THAN 1.5:1)



TYPICAL SECTION - TYPE "CRW" COIR ROLL TERRACE
(ON SLOPES BETWEEN 1.5:1 AND 0.75:1 AND AS INDICATED)

GENERAL NOTES FOR LANDSCAPE PLANTING:

1. EITHER BEFORE OR WITHIN ONE WEEK OF THE PLANTING OF SEEDLINGS, THE ADJACENT BALES (AND COIR ROLLS) SHALL BE THOROUGHLY SATURATED WITH WATER. THOROUGH NATURAL SATURATION BY AT LEAST THREE RAINFALL OR SNOW MELT EVENTS MAY BE ACCEPTABLE, SUBJECT TO THE CONCURRENCE OF THE PROJECT MANAGER.
2. PLANT SEEDLINGS TO OBTAIN A MIX IN THE DIFFERENT SPECIES IN ANY ONE AREA OF THE PLANTINGS, EXCEPT AS OTHERWISE INDICATED. PLANT SEEDLINGS OF CONIFEROUS SPECIES (PINE, JUNIPER, ETC.) NO CLOSER THAN EIGHT FEET FROM THE NEAREST CONIFEROUS SEEDLING OR EXISTING TREE REGARDLESS OF WHICH SPECIES OF CONIFEROUS SEEDLING OR TREE IS CLOSEST. PLANT GAMBEL OAK SEEDLINGS NO CLOSER THAN TWELVE FEET FROM ANY PONDEROSA PINE.
3. AT STRAW BALE TERRACES, PLACE SEEDLINGS NO CLOSER TO THE BALES THAN THREE INCHES AND NO FARTHER THAN SIX INCHES. AT COIR ROLL TERRACES, PLANT SEEDLINGS AS CLOSE TO THE ORIGINAL SLOPE LINE AS PRACTICABLE OR AS INDICATED.
5. UPON ARRIVAL OF THE SEEDLINGS AT THE JOB SITE AND IMMEDIATELY BEFORE PLANTING, SPRAY SEEDLINGS WITH A WEATHER RESISTANT ANIMAL BROWSE REPELLENT WITH PUTRESCENT EGG SOLIDS ("DEER AWAY" BIG GAME REPELLENT BY WEYERHAEUSER CORPORATION), BROWSE REPELLENT WITH BITREX ("TREE GUARD" BY BECKER UNDERWOOD) O.A.E. ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. REAPPLY BROWSE REPELLENT TO ALL SEEDLINGS AT LEAST ONCE 60 TO 90 DAYS AFTER THE PRE-PLANTING APPLICATION FOR A MINIMUM TOTAL OF THREE APPLICATIONS.
6. INTO EACH PLANTING HOLE, SPRINKLE 1/4 TEASPOON OF A MYCORRHIZAL INOCULANT. INOCULANT SHALL CONTAIN BOTH ENDO AND ECTO TYPES OF MYCORRHIZAE AND SHALL BE "MYCOMAXIMA PROFESSIONAL" BY SOIL SECRETS LLC, LOS LUNAS NEW MEXICO (WWW.SOILSECRETS.COM, 505.550.4236) OR APPROVED EQUIVALENT (O.A.E.). ALSO SPRINKLE TWO TABLESPOONS OF SCREENED DUFF INTO EACH PLANTING HOLE. INOCULANT AND DUFF SHALL ONLY BE HANDLED BY NON-SMOKERS TO AVOID KILLING OF THE MYCORRHIZAL SPORES.
7. WITHIN TWO HOURS OF PLANTING, THOROUGHLY WATER IN EACH SEEDLING WITH AT LEAST TWO QUARTS OF NON-CHLORINATED WATER, FREE FROM HARMFUL SUBSTANCES.
8. EXCEPT WHERE OTHERWISE INDICATED, AT EACH SPECIES OF SEEDLING INDICATED IN THE SPECIFICATIONS, PLACE A RIGID SEEDLING PROTECTION TUBE AS SPECIFIED.
9. 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 (EXCEPT AS OTHERWISE INDICATED). THIS IS EQUIVALENT TO APPROXIMATELY 80 LINEAR FEET PER CUBIC YARD FOR TYPE "SB" TERRACES.



TYPICAL SECTION AT SMALL GULLIES - TYPE "SB"

GENERAL NOTES FOR "CRW" COIR ROLL TERRACES:

1. INSTALL TYPE "CRW" TERRACES WHERE INDICATED AND WHERE THE PROJECT MANAGER DIRECTS, IN MULTIPLES OF TEN-FOOT LENGTHS AS SHOWN. CUTTING AND FITTING OF COIR ROLLS AND WATTLES AROUND BOULDERS AND OTHER OBSTRUCTIONS MAY BE REQUIRED.
2. INSTALL TYPE "CRW" TERRACES ACCORDING TO THE GENERAL NOTES FOR STRAW BALE TERRACES (INCLUDING TERRACE AMENDMENTS AS SPECIFIED AND AS MODIFIED HEREIN). EXCAVATE COIR ROLL TERRACES FROM THE TOP TO THE BOTTOM OF SLOPE (TO PREVENT BURYING OF LOWER TERRACES).
3. 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.
4. 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.
5. INSTALL LANDSCAPE PLANTING AT COIR ROLL TERRACES ACCORDING TO THE GENERAL NOTES FOR LANDSCAPE PLANTING, INCLUDING PLANTING HOLE AMENDMENTS. NOTE THE CLOSER SPACING OF SEEDLINGS AT TYPE "CRW" TERRACES THAN AT STRAW BALE TERRACES. PLANT SEEDLINGS AS CLOSE TO THE ORIGINAL SLOPE LINE AS PRACTICABLE.
6. AT TYPE "CRW" TERRACES, PLANT SEEDLINGS ON SLANT AS INDICATED CLOSE TO THE ORIGINAL SLOPE LINE. PLANT SEEDLINGS INTO FILL AS INDICATED.

ABANDONED MINE LAND PROGRAM
MINING AND MINERALS DIVISION
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

SCALE: 3/4"=1'-0"
DATE: SEPT. 14, 2012

DRAWN BY: JAK
REVISED:

"SB" STRAW BALE AND "CRW" COIR ROLL TERRACES

SUGARITE GOB RECLAMATION PROJECT - PH. VIII DRAWING NUMBER: FIGURE 3