

VEGETATION NOTES:

GRADING AREAS (COMPLETE REVEGETATION):

SOIL PREPARATION AND AMENDMENTS

- AFTER GROUNDWORK IS COMPLETE, INSURE SURFACE OF SOIL IS LOOSE, NOT COMPACTED, AND LEFT ROUGHENED TO PROVIDE MICROCLIMATE FOR WIND PROTECTION AND WATER CATCHMENT.
- SOIL NUTRIENT ANALYSIS FOR BASIC PLANT NUTRIENT LEVELS SHALL BE PERFORMED IN A LABORATORY PRIOR TO SEEDING. FOLLOW LAB-RECOMMENDED SOIL NUTRIENT ADDITIVE LEVELS FOR A RANGELAND YIELD OF 2000 LBS/ACRE. FERTILIZER SHALL BE FROM AN ORGANIC SOURCE.
- IT IS RECOMMENDED THAT SOIL MYCORRHIZAE INOCULANT (AT LEAST 4 ENDO TYPES) BE ADDED WITH THE SEEDING.

SEEDING INSTRUCTIONS

- NURSERY CROP SHALL BE PLANTED BY CONTRACTOR FOR ONE GROWING SEASON PRIOR TO PLANTING THE NATIVE SEED MIX. THE NURSERY CROP CAN BE ANNUAL MILLET, LONG-SEASON SORGHUM, OR TRITICALE. THE COVER CROP SHALL BE PLANTED AND OVERSEEDDED AS FOLLOWS:
 - LATE SPRING (JUNE), MOWED IN LATE FALL (SEPTEMBER - OCTOBER) AFTER IT DIES AND THE NATIVE SEED MIX IS DRILLED INTO THE STUBBLE BETWEEN DECEMBER AND MARCH; OR
 - FALL (AUGUST), WHEN IT WILL GERMINATE OVER WINTER, AND THEN GROW IN EARLY SPRING. WHEN YOUNG PLANTS ARE SEVERAL INCHES TALL (FIRST OF APRIL), KILL WITH ROUNDUP OR SIMILAR HERBICIDE AND DRILL SEED THE NATIVE SEED MIX WITHIN ONE WEEK.
- PLANT RECOMMENDED FOOTHILLS NATIVE GRASS AND NATIVE PRAIRIE WILDFLOWER MIX BY DRILL SEEDING AT A RATE OF 10-12 LBS/ACRE FOR GRASS MIX, AND 6-8 LBS/ACRE FOR WILDFLOWER MIX. IF THE WILDFLOWER MIX IS NOT INCLUDED, INCREASE GRASS MIX TO 18-20 LBS/ACRE.

RECOMMENDED SEED MIX:

FOOTHILLS NATIVE GRASS MIX	NATIVE PRAIRIE WILDFLOWER MIX
(10%) ARIZONA FESCUE	(21%) ANNUAL SUNFLOWER
(10%) BLUE GRAMA	(10%) ANNUAL BLANKETFLOWER
(10%) BUFFALO GRASS	(10%) DOTTED GAYFEATHER
(10%) GREEN NEEDLEGRASS	(10%) LANCE-LEAVED COREOPSIS
(10%) YELLOW INDIANGRASS	(10%) PERENNIAL BLANKETFLOWER
(10%) INDIAN RICEGRASS	(10%) THICKSPIKE GAYFEATHER
(10%) LITTLE BLUESTEM	(8%) PURPLE PRAIRIE CLOVER
(10%) SIDEOATS GRAMA	(5%) MAXIMILLAN SUNFLOWER
(10%) WESTERN WHEATGRASS	(5%) WHITE PRAIRIE CLOVER
(7.5%) SANDBERG BLUEGRASS	(3%) GREYHEADED CONEFLOWER
(2.5%) SPIKE MUHLY	(3%) MEXICAN HAT
FOOTHILLS NATIVE GRASS MIX	(3%) UPRIGHT PRAIRIE CONEFLOWER
(50%) BITTERBRUSH	(2%) PLAINS COREOPSIS
(50%) RUBBER RABBITBRUSH	

AREAS OF NO EARTHWORK (OVERSEED VEGETATION):

PREPARATION AND AMENDMENTS

- THESE AREAS SHOULD BE EVALUATED BEFORE FOLLOWING THESE PROCEDURES. AREAS WITH EXCESSIVE INVASIVE SPECIES AND PREVIOUS GROUND DISTURBANCE SHOULD BE CONSIDERED FOR SURFACE SCRAPING TO REMOVE WEEDS, RIPPING OF COMPACTED SOIL, AND AUGMENTATION OF POOR SOILS, EXCEPT IN AREAS DESIGNATED AS "MINING RESIDUALS/TAILINGS TO BE LEFT IN PLACE AND UNDISTURBED" AS SPECIFIED IN THE EXCAVATION AND GRADING & DRAINAGE PLANS.
- IF EXISTING VEGETATION IS THICK, MOW WITH A BRUSH HOG TO A HEIGHT OF 2" (OR MORE AS EQUIPMENT CAN MANAGE), EXCEPT IN AREAS DESIGNATED AS "MINING RESIDUALS/TAILINGS TO BE LEFT IN PLACE AND UNDISTURBED" AS SPECIFIED IN THE EXCAVATION AND GRADING & DRAINAGE PLANS.

SEEDING INSTRUCTIONS

- DRILL SEED THE RECOMMENDED SEED MIX AT A RATE OF 33.53 POUNDS PER ACRE INTO SPARSE EXISTING OR MOWN VEGETATION IN LATE FALL THROUGH EARLY SPRING (BEST BETWEEN EARLY NOVEMBER TO EARLY MARCH AS WEATHER PERMITS).
- EXECUTE MULTIPLE PASSES OVER EACH AREA, OFFSETTING THE DRILL LINES SO THAT THEY WILL BE CLOSER TOGETHER THAN STANDARD.

RECOMMENDED SEED MIX:

GRASS MIX	APPLICATION RATE (lbs/acre)
(40%) BLUE GRAMA	1.90
(25%) BUFFALO GRASS	17.50
(25%) SIDEOATS GRAMA	5.13
(10%) WESTERN WHEATGRASS	9.00
TOTAL	33.53

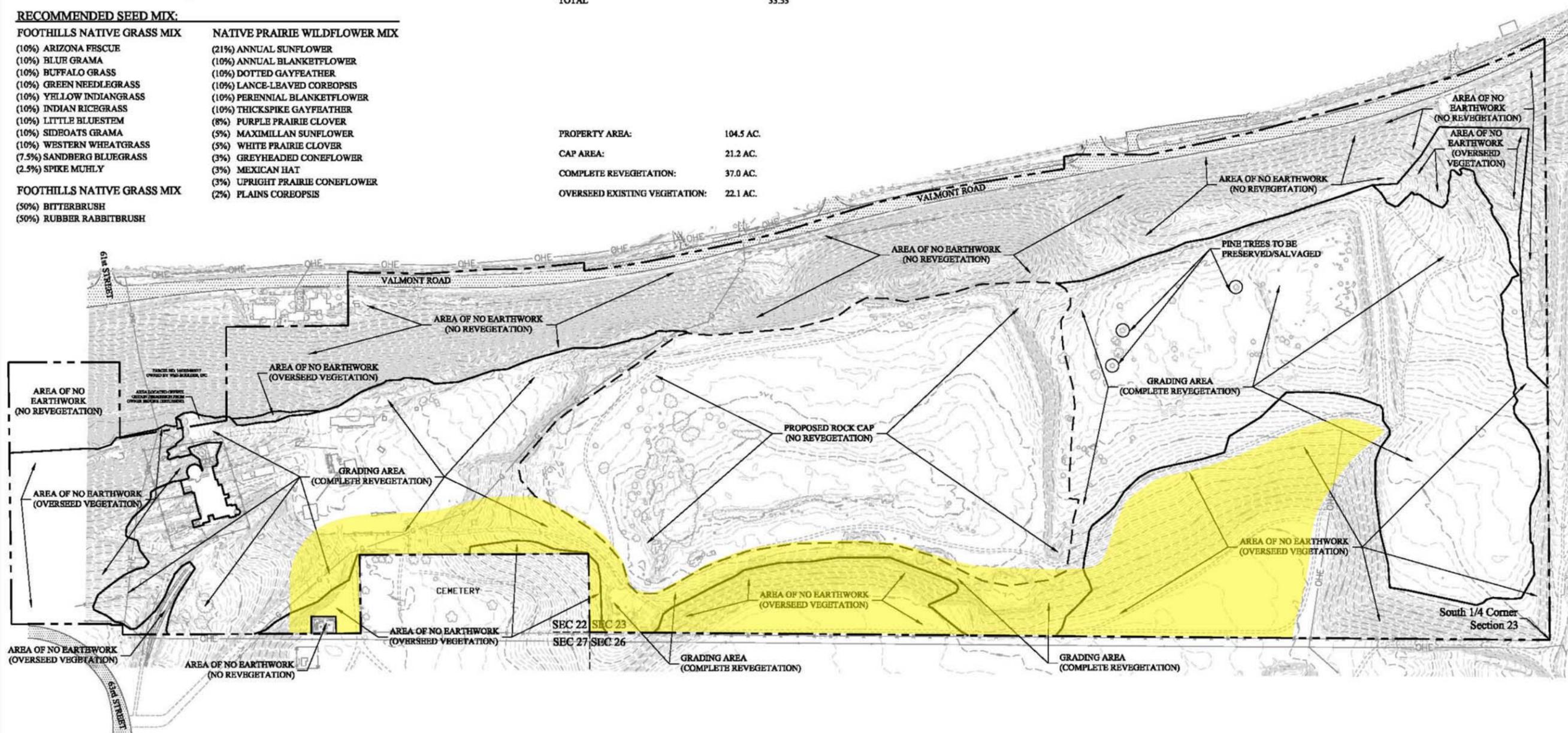
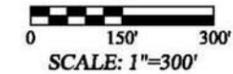
PROPERTY AREA:	104.5 AC.
CAP AREA:	21.2 AC.
COMPLETE REVEGETATION:	37.0 AC.
OVERSEED EXISTING VEGETATION:	22.1 AC.

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PROJECT: 021-003
DATE: 7/29/11
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