

THE LANTERNS SITE DEVELOPMENT PLAN

A PARCEL OF LAND BEING SECTION 26, A PART OF THE EAST HALF OF SECTION 27, AND A PART OF THE SOUTHEAST QUARTER OF SECTION 22, TOWNSHIP 8 SOUTH, RANGE 67 WEST OF THE SIXTH P.M., TOWN OF CASTLE ROCK, COUNTY OF DOUGLAS, STATE OF COLORADO



SEEDING AND MULCHING INSTALLATION NOTES 1. SEE PLAN VIEW FOR: - AREA OF SEEDING AND MULCHING. - TYPE OF SEED MIX (PERMANENT, TEMPORARY, OR LOW-GROWTH).

 ALL BRANDS FURNISHED SHALL BE FREE FROM SUCH NOXIOUS SEEDS AS RUSSIAN OR CANDIAN THISTLE, COARSE FESCUE, EUROPEAN BNOWEED, JOHNSON GRASS, KNAP WEED AND LEMY SPURCE. 3. THE SEEDER SHALL FURNISH TO THE CONTRACTOR A SIGNED STATEMENT CERTIFYING THAT THE SEED FURNISHED IS FROM A LOT THAT HAS BEEN TESTED BY A RECONNECT LABORATORY SEED WHICH HAS BECOME UT, MOUTH, OR OTHERWISE COMADED IN TRANSIT OR IN STORAGE WILL NOT BE ACCEPTABLE SEED TICKETS SHALL BE PROVIDED TO THE TOWN OF CASELE ROCK UPON REQUEST.

5. IF THE SEED AWALABLE ON THE MARKET DOES NOT MEET THE WINNUM PURITY AND ORMINISTICA PERCENTAGES SPECIFIED. THE SUBCONTRACTOR MUST COMPOSITIE FOR A LESSER PRECIFICAC OF PURITY OR CERNINATION BY FURNISMON SUFFICIENT ADDITIONAL SEED TO ECUM, THE SPECIFIED PRODUCT. THE TASS FROM THE SEED MUST MUST BE SUPPLIED TO CONTRACTOR AND FORWARDED THE THE TOWN DESC INSPECTOR.

6. THE FORMULA USED FOR DETERMINING THE QUANTITY OF PURE LIVE SEED (PLS) SHALL BE (POUNDS OF SEED) X (PURITY) X (DERMINATION) - POUNDS OF PURE LIVE SEED (PLS).

7. PERMANENT SEED MIX SHALL BE USED UNLESS OTHERWISE APPROVED BY THE TOWN THE USE OF TEMPORARY NURSERY CROP IN PERMANENT AND LOW GROW MIXES IS PROHIMITED.

8. ALL AREAS TO BE SEEDED AND MULCHED SHALL HAVE NATIVE TOPSOIL SPREAD TO A DEPTH OF AT LEAST 6 INCHES (LOOSE DEPTH). HALL ROADS AND OTHER COMPACTED AREAS SHALL BE LOOSENED TO A DEPTH OF 6 INCHES PRIOR TO SPREADING TOPSOIL.

COR FRAMAVATIV REPORTS AREAS OF TO AREAS WITH NARCOLATE TOPOLS SHALL BE ANDIDED PORT TO SEEDIC SOL AREADINGTON SHALL BE IN CONTLINCT WITH THE TOMM OF OKSTLE ROOK LANDSCHE RESULATIONS. MINIMUM SOL AMERINARTIS SHAL BE 3 CUBE VARIS OF ORNAUL MUTTER FREI HOO SOLUME FETT OF SEEDIC AREAS, NO STATUS OF ORNAUL MUTTER FREI HOO SOLUME FETT OF SEEDIC AREAS, DE TOSTED TWO MEDES IN ADVANCE OF TIS USE AND RESULTS SUBMITTED FOR APPROVAL PTHE TOWN GESCH ROSPECTOR.

10. SOL IS TO BE THORONOMY LOOSENED (TILLED) TO A DEPTH OF AT LEAST 6 INCHES PROR TO SEEDING. THE TOP 6 INCHES OF THE SEED RED. SMALL BE FREE OF ROCKS CREATER THAN & HONES AND SOL CLOSS GREATER THAN 3 INCHES SEEDING OWER ANY COMPACTED AREAS THAT HANDLY BEEN THORONOMY LOOSENED SHALL BE RELECTED. SEED BED SHALL BE FREE OF WEEDS.

11. SECD IS TO BE APPLIED USING A MECHANICAL DRLL TO A DETHINIT LESS THAN 14 INCH ADI NE MORE THAN 3/4 INCH. ROW SHOURD SHALL BE NO MORE THAN 14 INCHES. MATERIAL USED FOR MULCH SHALL CONSET OF WEED-FREE LONG-STEMATE STRWL AT LASET OF OPDECTO THE MULCH, SHALL DENSET OF WEED-FREE LONG-STEMATE OF AT LASET 4 INCHES. MULCH SHALL BE OPHIED AT A RATE OF 4000 LB. OF STRW PER ACRE.

12. IF THE PERMITTEE DEMONSTRATES TO THE TOWN THAT IT IS NOT POSSIBLE TO DRILL SEED, SEED IS TO BE UNFORMLY BROADCAST AT TWO TIMES THE ORILLED RATE. THEN UCHTLY HARROWED TO PROVE A SEED DEPTH OF APPROXIMATELY 1/4 INCH, THEN ROLLED TO COMPACT, THEN MULCHED AS SPECIFIED ABOVE. 13. SEEDING AND MULCHING SHALL BE COMPLETED WITHIN 30 DAYS OF INITIAL EXPOSURE OR 7 DAYS AFTER GRADING IS SUBSTANTIALLY COMPLETE IN A GAVEN AREA (AS DEFINED BY THE TOWN). THIS MAY REQUIRE MULTIPLE MOBILIZATIONS FOR SEEDING AND MULCHING. 14. ALL SEEDED AREAS SHALL BE MULCHED, CRIMPED AND TACKIFIED WITHIN 24-HOURS AFTER SEEDING.

ATTER SELDING. 16. TACKIERS SOULD BE UTILIZED TO HELP WITH STRAW DISPLACEMENT. THE TACKIFER METERAL SKALL CONSIST OF A PRE-TACING, NON-CORROSME FORMER PRODUCED FROM THE MUTILIK HIT GAU OF FAVATION OFULARS, DESERTING INSUMMIKATI, APPLED IN A SLURRY WITH WATER AND WOOD FREIT. THE POWDER SHALL POSSESS THE FOLLOWING PROPERTIES FORMER CONTENT = 1.6 + 0.-223, AS NOTEST = 2.21, SHALL NOT CONTAIN ANY MINERA, RELIRE, RECYCLED CELLILOSE FIBER, CUNS, OR OTHER SUBSTANCES, WHICH MUTI HINE'S CONTINUT = 1.21, SHALL NOT CONTAIN ANY MINERA, RELIRE, RECYCLED CELLILOSE FIBER, CUNS, OR OTHER SUBSTANCES, WHICH MUTILING AND UNE OF CONTAIN TO THE COLORANCE HORINKY SHEEDINGTINGS, SUBSECTION 213.02 – PARK, AND SUBSECTION 200.02, RESPECTIVELY, APPLY TACKIERS WITH A SPRAY NOZZLE, DISPOSING A MIST THAT WELL UNFORMLY COVER THE SUBFACE.

4. DRILL SEEDING MIX SHALL CONFORM TO THE TABLE ON THE RIGHT:

SEEDING AND MULCHING MAINTENANCE NOTES

- 1. ALL SETTED AREAS SHALL BE KETT IN A NAME COMOTION, FOR AT LEAST 14 ANS ATTES SETUDE, TO JO NO SEMANDIN, SOME FORM OF REPLAYOR MAY BE REQUERED TO ACHECK THIS GOLL, AND IT S THE RESPONSEDUTY OF THE GESC MANGER TO PERFORM ANY AND ALL INCESSING OFBOILONS TO THE GESC MANDER TO REPERTING ANY ADULL INCENT FLOWE FROM LANCE HOSES, WHICH COULD DANGE THE WULCH, WILL NOT BE FEMALITED.
- 2. SEEDED AND MILCHED AREAS SHALL BE INSPECTED FOR REQUIRED COVERAGE MONTHLY FOR A PERSO OF TWO YEARS FOLLOWING INTAL SEEDING, REPAIRS AND RE-SEEDING AND MILCHEN SHALL BE UNDERVIEWEN AFTER THE PIRST AND SECOND GROWING SEASON OR AS REQUESTED BY THE GESC INSPECTOR FOR ANY AREAS FAULING TO MEET THE REQUIRED COVERAGE.
- 3. RILL AND GULLY EROSION SHALL BE FILLED WITH TOPSOIL PRIOR TO RESEEDING THE RESEEDING METHOD SHALL BE APPROVED BY THE TOWN.
- 4. NOXIOUS WEEDS SHALL BE CONTROLLED IN A MANNER ACCEPTABLE TO THE TOWN.
- 5. REQUIRED COVERAGE FOR STANDARD, OPEN SPACE AND LOW GROWTH SEED MIXES SHALL BE DEFINED AS FOLLOWS:
- 5.1. THREE (3) PLANTS PER SQUARE FOOT WITH A MINIMUM HEIGHT OF 3 INCHES. THE 3 PLANTS PER SQUARE FOOT SHALL BE OF THE VARIETY AND SPECIES FOUND IN THE TOWN OF CASTLE ROCK-APPROVED MIX.
- 5.2. NO BARE AREAS LARGER THAN 4 SQUARE FEET (TWO-FEET BY TWO-FEET OR EQUIVALENT).
- 5.3. FREE OF FRODED AREAS.
- 5.4. FREE FROM INFESTATION OF NOXIOUS WEEDS IN ACCORDANCE WITH SECTION 6.4 OF THE GESC CRITERIA MANUAL.
- 6. REQUIRED COVERAGE FOR TURF GRASS AREAS SHALL BE DEFINED AS FOLLOWS:
- 6.1. AT LEAST BOX VEGETATIVE COVER OF GRASS SPECIES PLANTED.
- 6.2. NO BARE AREAS LARGER THAN 4 SQUARE FEET (TWO-FEET BY TWO-FEET OR EQUIVALENT).
- 6.3. FREE OF ERODED AREAS.
- 6.4. FREE FROM INFESTATION OF NOXIOUS WEEDS IN ACCORDANCE WITH SECTION 6.4 OF THE GESC CRITERIA MANUAL

SPECIES	VARIETY	NOTES	3. IN MX	POUNDS OF PL PER ACRE		
BIG BLUESTEM	KAW	PNWS	10	1.1		
YELLOW INDIANGRASS	CHEYENNE	PNWS	10	,		
SWITCHGRASS	BLACKWELL	PNWS	10	0.4		
SIDEOATS GRAMA	VAUCHN	PNWB	10	0.9		
WESTERN WHEATGRASS	ARRIBA	PNCS	10			
BLUE GRAMA	HACHITA	PNWB	10	0.3		
THICKSPIKE	CRITANA	PNCS	10	1		
PRAIRIE SANDREED	COSHEN	PNWS	10	0.7		
GREEN NEEDLEGRASS	LOOORM	PNCB	10	1		
SLENDER WHEATGRASS	PRYOR	PNCB	5	0.6		
STREAMBANK WHEATGRASS	SODAR	PNCS	5	0.6		
1. V			TOTAL	9.2		

DOUGLAS COUNTY AND CASTLE ROCK TEMPORARY DRILL SEEDING MIX

SPECIES	VARIETY	NOTES	3.IN.MX	POUNDS OF PLS PER ACRE	
SMOOTH BROMEGRASS	LINCOLN	PICS	30	3.9	
INTERMEDIATE	OAHE	PICS	30	4.5	
PUBESCENT WHEATGRASS	LUNA	PICS	30	4.2	
ANNUAL RYEGRASS	N/A	AJCB	10	0.8	
			TOTAL	13.4	

DOUGLAS COUNTY AND CASTLE ROCK LOW-GROWTH DRILL SEEDING MIX

SPECIES	VARIETY	NOTES	X IN MX	POUNDS OF PLS PER ACRE
BUFFALOGRASS	TEXOKA	PNWS	20	3.2
BLUE GRAMA	HACHITA	PNWB	20	0.6
WESTERN WHEATGRASS	ARRIDA	PNCS	20	3.2
SIDEGATS GRAMA	VAUCHN	PNWB	20	1.8
THICKSPIKE WHEATGRASS	CRITANA	PNCS	10	- 1
STREAMBANK WHEATGRASS	SODAR	PNCS	10	1.2
			TOTAL	11.0



0000	Sheet Revisions 3/11 GESC MANUAL UPDATES	DVD	NOTE: SCALES SHOWN ARE FOR 22"x34" SHEETS; ADJUST ACCORDINGLY FOR 11"x17" SHEETS.	CASTLE ROCK	UTILITIES DEPARTMENT Biornwaler Engineering Division	GESC	GRADING, EROSION, AND SEDIMENT CONTROL	GESC PLAN STANDARD NOTES AND DETAILS	SHEET 10 OF 14
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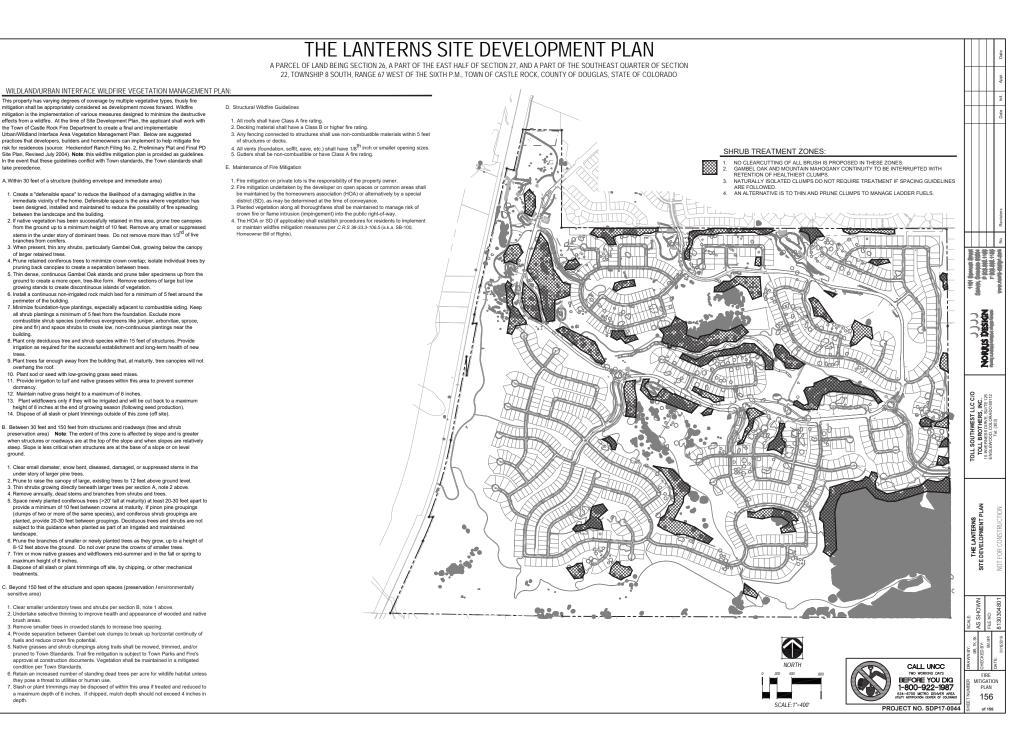
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take precedence

huilding

dormancy.

ground.

landscape.

treatments

sensitive area)

brush areas.

depth.

overhang the roof.