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## El Paso County Conservation District

5610 Industrial Place, Ste 100, Colorado Springs, CO 80916, Phone (719)600-4706

[EPCDistrict@yahoo.com](mailto:EPCDistrict@yahoo.com)

<http://www.EPCCD.org>

### Board of Supervisors

Kenneth Barker, President  
John Eastlake, Vice President  
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Georgette Goonan, Supervisor  
Roger Rasner, Supervisor  
Pamela Davison, District Manager

## Crystal Park Filing No. 2

The El Paso County Conservation District is generally opposed to extensive grading or vegetation disturbance on any lands with a slope of 33% or greater because of the elevated potential erosion control problems. The footprint of the proposed residence ranged from 33% and in some small localized areas up to a 60% grade. Erosion control measures in these areas must be implemented immediately after preliminary grading and again after final grading. These areas will require more frequent erosion and sediment control structure maintenance. Disturbance of lands with a slope of 50% or greater should be avoided.

Topsoil should be stripped to a depth of 6 inches and all stock piles should have side slopes no steeper than 3:1 and seeded. All disturbed areas should be seeded and mulched with weed free hay mulch at 4,000 lbs. /acre. All disturbed areas should be reseeded between the planting dates of Nov. 1-April 30<sup>th</sup>. Grass seed should be drilled at a depth of ¼ to ½ inch deep. Please utilize the attached approved grass mix from the local NRCS office in Colorado Springs, Colorado.

According to NRCS soils survey, the site are rock outcrop and they are very poor for dwellings with and without basements, septic systems, and for shallow excavations. Due to the limitations on the soils on the site, alternatives to mitigate the limitations of the soil will be required in your engineering design or construction techniques.

Noxious weeds need to be managed and controlled prior to going to seed either by chemical, mechanical, or biological control. Please contact the El Paso County Conservation District for fact sheets on specific weed control measures for each noxious weed present on the site.

Kenneth Barker  
EPCCD Board President

*Kenneth Barker*

## Native Grass Seed Mix

Mix based on Critical Area Planting (342) specifications  
for soil textures other than Sand or Loamy Sand

VARIETY	SPECIES	PLS/ACRE @ 100%	% of Mixture	PLS RATE PER ACRE
El Reno	Sideoats Grama *	9.0	30	2.70
Arriba	Western Wheatgrass *	16.0	25	4.00
Lodorn	Green Needlegrass *	10.0	20	2.00
Hachita	Blue Grama *	3.0	15	0.45
Blackwell	Switchgrass	4.0	10	0.40
<b>Total</b>			<b>100</b>	<b>9.55</b>

**Seeding Dates: November 1 to May 15**

\* required grasses in mix

\*\*\*Mix must be seeded with a Native Grass Drill

*Options for Variety if the specified variety is in short supply, etc.*

<i>Niner</i>	Sideoats Grama
<i>Barton</i>	Western Wheatgrass
<i>Lovington</i>	Blue Grama
<i>Nebraska 28</i>	Switchgrass

**Recommend addition or substitution (up to 10%) of one of the following Forb or Legume Species:**

Variety	Species	PLS RATE PER ACRE
<i>Ladak or Ranger</i>	Alfalfa	Up to 0.5
<i>Native</i>	Winterfat	"
<i>Native</i>	Fourwing Saltbush	"
<i>Native</i>	Purple Prairieclover	"
<i>Native</i>	American Vetch	"