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## STERLING RANCH SKETCH PLAN AMENDMENT

### NATURAL LANDFORMS, VEGETATION, & RIPARIAN ANALYSIS

DECEMBER 2018

#### PROPERTY OWNERS AND DEVELOPER:

Challenger Communities LLC.  
8605 Explorer Dr. Ste. 250  
Colorado Springs, CO. 80920

SR Land LLC.  
20 Boulder Crescent  
Colorado Springs, CO. 80903

Morley Bentley/Trader Vics  
Investments LLC.  
PO Box 217  
Galena, KS. 66739-0217

#### CONSULTANT:

N.E.S. Inc.  
619 North Cascade Avenue  
Colorado Springs, CO 80903

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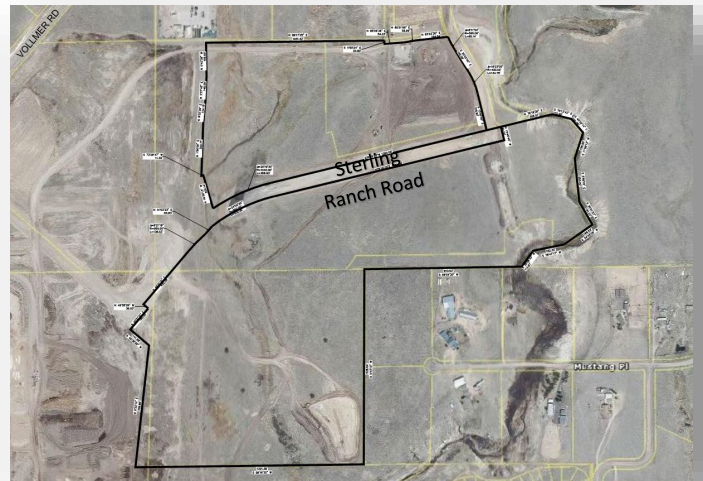
#### REQUEST

SR Land, LLC. requests approval of the following applications:

1. A Preliminary Plan for Sterling Ranch Phase 2; a 212-unit single-family development, 10 tracts for landscaping, drainage and utilities, and 1 tract for a future school site on 11.02 acres.
2. A request for Early Grading and Metro District Improvements upon staff approval of Preliminary Plan. (LDC Chapter 6.2.6 Pre-Development Site Grading)

#### LOCATION

Sterling Ranch Phase 2 is located generally in the southwest portion of Sterling Ranch along Sterling Ranch Road and east of Marksheffel Road. Phase 2 consists of the properties located north and south of Sterling Ranch Road and west of Sand Creek.



#### PROJECT DESCRIPTION/CONTEXT

The Sterling Ranch Sketch Plan for 5,225 dwelling units on 1,444 acres was approved November 13, 2008. A rezone of 243.14 acres from RR-5 and I-3 to RS-5000 was approved March 24, 2015. A Preliminary Plan for Phase 1 on 182.26 acres of the RS-5000 zoned parcel was approved May 26, 2015. A Final Plat for Sterling Ranch Filing No. 1 for 134.38 acres was approved February 13, 2018.

Sterling Ranch Filing No. 2 on 49.64 acres plats the remaining area of the approved Preliminary Plan that lies south and west of Filing No. 1. This completes the connection of Sterling Ranch Phase 1 to Vollmer Road via newly constructed Marksheffel Road and Sterling Ranch Road. This plat is currently under review.

File #: SKP-183

this is not for this  
prelim plan.

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in the map.

This request is for Sterling Ranch Phase 2, which is the remaining part of the 243 acres zoned RS-5000, contains 212 single-family lots, ten tracts for landscaping, drainage, and utilities, and one future school tract to be completed in multiple filings on 87.99 acres. The initial filing for Phase 2, Sterling Ranch Filing 3 (separate submittal to follow), is located east of School House Drive and south of Sterling Ranch Road and consists of 66 single-family lots and Tract H on approximately 19 acres. The remainder of the site will be future filings.

**Schools:** The Preliminary Plan includes a site for an elementary school which is consistent with the Sketch Plan. Recent discussions with school district 20 indicate that they still have a need for the school site and that the 11.53 acres identified and the proposed location northwest of Sterling Ranch Road and Dines Boulevard is acceptable.

### NATURAL LANDFORMS, VEGETATION, & RIPARIAN ANALYSIS

**Geologic Hazards:** Some areas of the proposed subdivision have been found to be impacted by geologic conditions. These conditions impose some constraints on development, which can be mitigated by avoidance, regrading or through proper engineering design and construction methods. A map of the hazard areas and proposed mitigation measures can be found in the Geologic Hazard/Land Use Study and Preliminary Subsurface Soils Investigation prepared by Entech Engineering Inc., dated October 31, 2006, and the Geohazard Evaluation Report prepared by Entech Engineering Inc., dated January 20, 2009.

revise when you get a prelim plan and lot specific layout report

**Floodplain:** The eastern portion of this Preliminary Plan area, adjacent to Sand Creek, is mapped within Zone A of the FEMA Floodplain Map No. 08041C0535F, dated March 17, 1997. The remainder of the Preliminary Plan area is within Zone X, which is determined to be outside the 500-year floodplain. There are no lots shown within the floodplain.

**Wetlands:** The Sand Creek drainageway and jurisdictional wetlands were identified in the Sketch Plan and preserved as a natural feature. The corridor is incorporated as part of the drainage system and an extension of the Sand Creek Trail. A Wetlands Delineation analysis was conducted by Consultants for the Sterling Ranch Development and identified Sand Creek and adjacent Waters of the U.S. The creek and wetland area run along the eastern boundary of the Preliminary Plan. Preservation or mitigation is provided regarding the area. Further analysis can be reviewed in the Wetlands Delineation Report and the 404 Permit submitted with this application.



**Wildlife:** Wildlife that has been viewed on the site and surrounding areas include prairie dogs, coyotes, pronghorn antelope, western meadowlarks, sparrow and several species of hawks including red tail. Prairie voles, mice and prairie dogs are the typical rodent population in the area. As development occurs within Sterling Ranch, care will be taken to minimize human and wildlife conflicts within reasonable limits.

the channel provides a corridor

**Wildfire:** The primary wildland fuel type is grassland with scattered trees. The Colorado State Forest Service has determined a low wildfire hazard potential and no specific fire mitigation plans or other actions are necessary.

are you filling this in and providing wetlands elsewhere? I may have missed it in the Corps permit but i didnt see this section included

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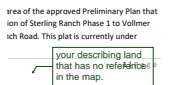
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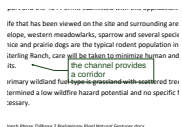
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the channel provides a corridor

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