

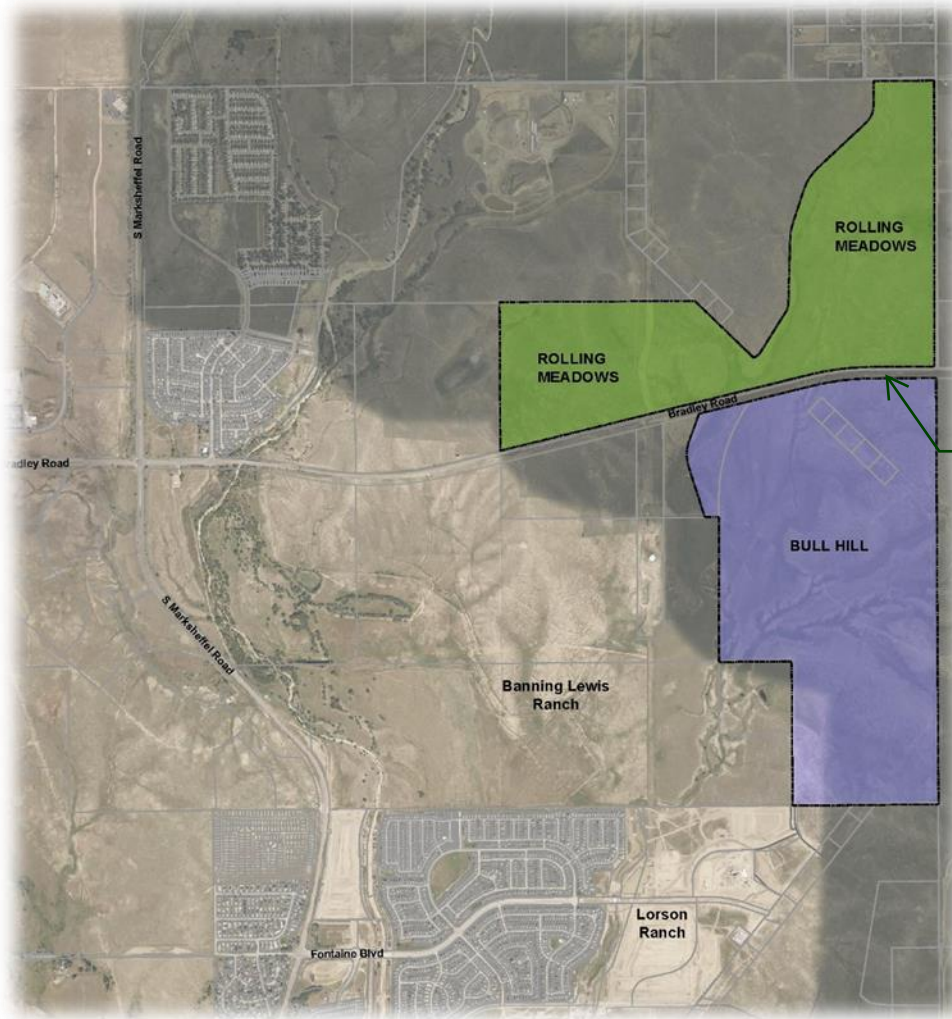
Please see the example Riparian study in Grandview Reserve SKP201 or Sterling Ranch East Phase 1 Prelim Plan (Filings 1-4)

SP224 or Jaynes SKP 223. This should depict streams, intermittent streams, habitat- flora& fauna, it should include wetland areas both non jurisdictional and jurisdictional as well as other features. etc

..prepared by a qualified professional **ROLLING MEADOWS/ BULL HILL**

## NATURAL FEATURES REPORT

September 6, 2023



This is one sketch plan, but it is presenting as 2. There is no valid sketch plan. It expired 13 years ago.

### PREPARED FOR:

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### PREPARED BY:

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**Site Location, Size, Zoning:**

Rolling Meadows/ Bull Hill is located east of Marksheffel Road, north of the existing Lorson Ranch development, and along both the north and south sides of Bradley Road. The Rolling Meadows/ Bull Hill Sketch Plan area is currently zoned PUD and shall remain zoned as PUD. The amended sketch plan proposes Single-Family Residential, Multi-Family Residential, School Sites, an Electrical Substation, Parks & Open Space, and Channel/Floodplain improvements. The proposed application submittal includes a total of 5,440 dwelling units through a combination of 4,690 new single family detached units on 788.5 acres for a density range of 1-10 DU/ Acre and 750 new multi-family units on 34.7 acres for a density range of 12-24 DU/ Acre.

the market seems to be strong demand for attached single-family

**Topography**

The topography of the project site is moderately sloped towards the channel/floodplain that runs north-south through the center of the property. There are grade changes of approximately 262' as the overall site slopes from north to south. The existing slopes are moderate with no portions of the proposed site possessing slopes that would prevent development. The site is suitable for development and is not impacted by the moderately sloped grades as current acceptable state and local best grading practices will be employed. Drainage will be collected into proposed facilities located throughout the development.

**Hydrologic Features/ Flood Hazard/ Floodplain**

There is a major hydrologic feature within the project site boundary. This property is located within a designated FEMA floodplain as determined by the flood insurance rate map, community map numbers '08041C0769G', '08041C0790G', and '08041C0976G' effective date 'December 7, 2018'.

Channel and Floodplain improvements are proposed as part of this overall development project. The development will drain into a proposed detention pond/water quality basin system located throughout the proposed project. Flows will then be conveyed to the Jimmy Camp Creek East Tributary and/ or offsite in a manner consistent with El Paso County and State requirements.

**Wetlands**

Per Jurisdictional Determination Letter (SPA-2005-00418) from the Army Corps of Engineers, the site contains non-jurisdictional isolated wetlands, other isolated waters, and an upland stock pond.

**Soils**

A "Soils and Geology Study", Rolling Meadows Bradley Road, El Paso County, Colorado" (RMG- Rocky Mountain Group, August 5, 2022) is included with the submittal package. As part of this study, 70 exploratory test borings were completed. Geologic hazards (as described in section 8.0 of the report) were not found to be present at this site. Potential geologic constraints (also as described in section 8.0 of the report) were found on site to include: expansive soils and bedrock, compressible soils, shallow ground water tables, floodplain/floodway, faults and seismicity, radon, and proposed grading, erosion control, cuts and masses of fill. Where avoidance is not readily achievable, the existing geologic and engineering conditions can be satisfactorily mitigated through proper engineering, design, and construction practices. Exterior, perimeter foundation drains should be installed around below-grade

habitable or storage spaces. Surface water should be efficiently removed from the building area to prevent ponding and infiltration into the subsurface soil.

### **Scenic Resources & Unique Natural Areas**

The natural mountain backdrop of the Rampart Range is perhaps the best natural feature of Rolling Meadows/ Bull Hill with sweeping views in nearly all directions. The scenic view shed is impaired somewhat by intervening development; however, the panoramic views remain quite spectacular. There are no unique natural features on the project site.

### **Wildlife and Migratory Birds**

Proposed landscaping will include low-water use plant material, and where possible, the plant material will be native to the Colorado Springs region.

The Colorado Division of Wildlife note the following as also present in the area.

- Prairie Dog
- Mule and White Tailed Deer
- Pronghorn Antelope
- Fox species
- Coyote
- Rabbits
- Raptors
- Songbirds
- Numerous Small Mammals

Due to the construction activity and adjoining residential developments, it is not anticipated that either application will have significant impacts on wildlife in the area.

The U.S. Fish and Wildlife Service’s IPaC mapper and website database (<https://ecos.fws.gov/ipac/>) was used to determine the potential of migratory birds within the area. The IPaC mapper listed 8 migratory birds that may be affected by Rolling Meadows – Bull Hill; however, this list may also include birds occurring outside this area’s FWS office jurisdiction. Breeding migratory birds do receive statutory protection; however, the site contains very few if any trees. In addition, there are no critical habitats found to be present on the site.

Include  
images,  
photos, etc  
wetland delineation  
form/ request/  
communication to  
determine non  
jurisdictional  
streams/pond to Army  
Corps

# V\_1 riparian study.pdf Markup Summary

dspdparsons (5)



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the market seems to be strong demand for attached single-family

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wetland delineation form/ request/ communication to determine non jurisdictional streams/pond to Army Corps

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wetland delineation form/ request/ communication to determine non jurisdictional streams/pond to Army Corps