



# **NATURAL FEATURES REPORT FOR JUDGE ORR RANCHETTES**

**September 2017**

Prepared for:

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**NATURAL FEATUERS REPORT**  
**Judge Orr Ranchettes**  
**Landforms, Riparian and Vegetative Analysis**

**PROJECT SUMMARY**

The subject 40.61 acres consists of previously platted land to be developed into a rural residential lots with associated public streets. The parcel is located within the Southeast ¼ of Section 33, Township 12 South, Range 64 West of the 6<sup>th</sup> principal meridian in unincorporated El Paso County. The project area is northwest of the intersection of Stapleton Boulevard and Judge Orr Road.

The parcel is bounded to the north by unplatted vacant land, rural residential lots, and Stapleton Road, to the east by unplatted agriculture grazing land and rural residential lots, to the south by Judge Orr Road and rural residential lots, and to the west by unplatted rural residential lots and agriculture grazing.

The parcel generally drains from northwest to the southeast at approximately 1.8%.

Existing soils on the site consist of Blakeland loamy sand, hydrologic soil group A (8), and Columbine gravely sandy loam, hydrologic soil group A (19) as determined by the Natural Resources Conservation Service Web Soil Survey. The site is located within the Haegler Ranch Drainage Basin.

A portion of the site lies within an F.E.M.A. designated floodplain per FIRM 08041C0575 F, effective March 17, 1997. LOMR Case number 16-08-1065P, effective date June 15, 2007, was processed with adjacent Stapleton Road improvements and provide flood elevation for the reach of the Haegler drainage through the proposed development. The floodway is characterized as a wide shallow drainageway on agricultural pasture land. There exists no evidence of vegetation change or erosion features within the parcel with the exception of evident head cutting at the downstream end of the parcel where improvements implemented with the Haegler Reach crossing of Stapleton Road failed to adequately transition to previous grade.

The site will be developed into seven rural residential lots and the associated access roads and will utilize individual water wells and on-site wastewater treatment systems. Per the Geotechnical Report prepared by Entech Engineering, the site is suitable for development.

**WETLANDS AND RIPARIAN AREAS**

Aerial photography and site visits indicate no presence of wetlands within the project site. According to the Project Summary (Consultation Code: 06E24000-2017-SLI-1330, Event Code: 06E24000-2017-E-04170) provided by the United States Department of the Interior, Fish and Wildlife Service, dated September 18, 2017, there are no wetlands within the Judge Orr Ranchettes project area.

**WILDLIFE AND VEGETATION**

The site is characterized by prairie grasslands with a few small deciduous volunteer trees within the Judge Orr roadside ditch along the properties southern limits. Wildlife species which may be encountered include Pronghorn Antelope and Prairie Falcons. There are no known Prairie Falcon nest sites in the area. According to the Project Summary (Consultation Code: 06E24000-2017-SLI-1330, Event Code: 06E24000-2017-E-04170) provided by the United States Department of the Interior, Fish and Wildlife Service, dated September 18, 2017, there are no critical habitats, refuges, or fish hatcheries within the Judge Orr Ranchettes project area.