

# MDT-PUDSP22001-R1-SoilsGeo.pdf Markup Summary

1 (2)

District No. 1  
Site 301  
80903  
complete - Thank you  
EPC Planning & Community  
Development Department

**Subject:** Callout  
**Page Index:** 1  
**Date:** 3/23/2022 1:41:13 PM  
**Author:** dsdparsons  
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**Page Label:** 1

complete - Thank you

Engineering Review  
03/29/2022 4:22:41 PM  
dsdrice  
JedRice@elcogov.com  
719.534.7077  
EPC Planning & Community  
Development Department

**Subject:** EPC ENG Review  
**Page Index:** 1  
**Date:** 3/29/2022 4:22:41 PM  
**Author:** dsdrice  
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**Page Label:** 1

4 (4)

the south half of S  
El Paso County, Co  
Figure 1.

**Subject:**  
**Page Index:** 4  
**Date:** 3/25/2022 1:58:26 PM  
**Author:** dsdrice  
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south half

DESCRIPTION  
northeast quarter  
south half of Section 13, Township 15  
EPC Planning & Community  
Development Department

**Subject:** Callout  
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**Date:** 3/25/2022 1:58:46 PM  
**Author:** dsdrice  
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northeast quarter

ed.  
489  
of 494 single-family resi  
10 square feet. Eight "t

**Subject:** Callout  
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**Date:** 3/25/2022 2:06:47 PM  
**Author:** dsdrice  
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489

2.5  
units. The majority of  
lots, approximately 5  
smaller lots within the

**Subject:** Callout  
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**Author:** dsdrice  
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2.5

7 (2)

ent, which is to be designated as open space.

source and the preliminary Auto-Cad drawings provided by Mattis and Coe. The elevation varies by approximately 50 feet across the area, from the northwest to the southeast.

consists of low-lying native grasses and weeds and (native) state.

**Subject:**  
**Page Index:** 7  
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**Author:** dsdrice  
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from the northwest to the southeast.

It is to be designated as open space.

of the preliminary Auto-Cad drawings provided by Mattis and Coe. The elevation varies by approximately 50 feet across the area, from the northwest to the southeast.

east to west in the west and south in the east?

of low-lying native grasses and weeds and for the most part state.

to existing imagery

photos available through Google Earth Pro dating back to 1999, and historical photos by Internet Archive.com dating back to 1947.

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east to west in the west and south in the east?

15 (1)



**Subject:**  
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**Author:** dsdrice  
**Color:** ■  
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Based on the AASHTO classification of the soils in the subdivision and laboratory swell testing, the subgrade soils are expected to encounter low to very high expansive potential. Therefore, special mitigation measures may be necessary for subgrade preparation.

Pavement materials should be selected, prepared, and placed in accordance with the El Paso County specification and the Pikes Peak Region Asphalt Paving Specifications. Tests should be performed in accordance with the applicable procedures presented in the final design.

17 (1)

notes are incorporated, amendments to the original drawings for previous filings with in the Laramie Ranch area.

the lot and replacement with moisture conditioned a alternative to reduce heave risk and enhance the and the work.

Group 17

**Subject:** Callout  
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**Author:** dsdrice  
**Color:** ■  
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and roads

20 (2)

CAD drawings provided by Mattis and Coe to excavated to depths ranging between 0.4 to 1.2' each, above-ground embankment construction. The results are not anticipated to be used prior to the open area to be constructed with a minimum 1:1 embankment with applicable sections of the El Paso and County Drainage Criteria Manual, and the El

and embankment raised up to 15' (west pond), 4' on east pond

presented in this report were provided to evaluate and. Unless indicated otherwise, the test borings.

**Subject:** Callout  
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**Author:** dsdrice  
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and embankment raised up to 15' (west pond), 4' on east pond


Small text block containing technical details or a table.

**Subject:**  
**Page Index:** 20  
**Date:** 3/25/2022 6:22:48 PM  
**Author:** dsdrice  
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As such, above-ground embankment construction is not anticipated

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120 (1)

SAVATION TO:  
BELOW AND 2 FEET  
AHEAD  
3 FOUNDATION COMPONENTS



Address how far subexcavation should go below the roads

**Subject:** Text Box  
**Page Index:** 120  
**Date:** 3/25/2022 6:16:02 PM  
**Author:** dsdrice  
**Color:** ■  
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Address how far subexcavation should go below the roads