

# MDT-PUDSP21010-R1-FDR.pdf Markup Summary

1 (2)

AUGUST 11, 2021

Add text:  
PCD Filing No.:  
PUDSP2110

**Subject:** Contractor  
**Page Index:** 1  
**Date:** 10/13/2021 2:26:22 PM  
**Author:** EPC Stormwater - Glenn Reese  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 1

Add text:  
PCD Filing No.:  
PUDSP2110

Cursory comments - see  
comment letter also.

**Subject:** Text Box  
**Page Index:** 1  
**Date:** 10/28/2021 11:59:04 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 1

Cursory comments - see comment letter also.

2 (1)

plan of the drainage basin. I accept re:  
omissions on my part in preparing this

Charlene Durham, PE #36727  
For and on behalf of Galloway & Comp

DEVELOPER'S CERTIFICATION

**Subject:**  
**Page Index:** 2  
**Date:** 10/24/2021 4:20:54 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 2

Charlene Durham, PE #36727

4 (4)

where they will be located. This report was  
prepared by HR Green, dated November

the proposed  
extension of  
development located in the Falcon area of El Paso  
County, South half of Section 21, the North half  
Principal Meridian, County of El Paso, State of Colorado,  
East of the west, Rex Road to the north, undeveloped  
land to the south. A Vicinity Map is

the NRCS Web Soil Survey for El Paso

**Subject:** Callout  
**Page Index:** 4  
**Date:** 10/24/2021 4:58:31 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 4

the proposed extension of

the Falcon area of El Paso County,  
Section 21, the North half of Section 20,  
County of El Paso, State of Colorado,  
East of the west, Rex Road to the north, undeveloped  
land to the south. A Vicinity Map is

the NRCS Web Soil Survey for El Paso

**Subject:** Callout  
**Page Index:** 4  
**Date:** 10/24/2021 4:59:02 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
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**Page Label:** 4

("Waterbury" development)

the proposed development located in the Falcon area of El Paso County,  
South half of Section 21, the North half of Section 20,  
County of El Paso, State of Colorado,  
East of the west, Rex Road to the north, undeveloped  
land to the south. A Vicinity Map is

the NRCS Web Soil Survey for El Paso

**Subject:** Callout  
**Page Index:** 4  
**Date:** 10/24/2021 4:59:31 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 4

this is confusing

ed within the  
approximately 182.61  
Survey for El Paso  
Stapleton sandy  
189.57  
mshb@Paso.com

**Subject:** Callout  
**Page Index:** 4  
**Date:** 10/24/2021 5:00:19 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 4

189.5?

5 (6)



**Subject:** Highlight  
**Page Index:** 5  
**Date:** 10/25/2021 4:46:29 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 5

make the naturally occurring available to all off-site from through the site  
at Main Stem Tributary No. 10 (MST1). Both at appropriate intervals  
20 feet from the existing drainage structure. Carefully place  
off-site basins, one from the west and the other from the east and are  
a existing basin structure.  
prepared for this site to capture the existing basins as well as the off-site  
existing basin structure. [Map of site showing the location of the basins.](#)  
not found?  
1. G1 - Q101 + 101 - 101 Located on the southeast portion of the site,  
at least 100 feet from the basin and about 100 feet to the southeast before  
entering the Main Stem Tributary #2 channel (DP 2).  
2. G1 - Q102 + 102 - 102 Located on the southeast portion of the site, the  
basin should be at least 100 feet from the southeast before  
entering the Main Stem Tributary #2 channel (DP 2).

**Subject:** Callout  
**Page Index:** 5  
**Date:** 10/24/2021 5:03:05 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 5

not found?



**Subject:** Highlight  
**Page Index:** 5  
**Date:** 10/25/2021 4:46:38 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 5



**Subject:** Highlight  
**Page Index:** 5  
**Date:** 10/25/2021 4:46:40 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 5

entirely not being into Main Stem Tributary #2 channel (DP 2).  
G1 - Q1 + 8 - 8 (G1 - Q101 + 81 - 81) Located on the southeast portion of the site,  
the basin should be at least 100 feet from the southeast before  
entering the Main Stem Tributary #2 channel (DP 2).  
Based on the MDDP there  
should be at least 7 onsite  
and offsite existing basins

**Subject:** Callout  
**Page Index:** 5  
**Date:** 10/25/2021 4:51:38 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 5

Based on the MDDP there should be at least 7  
onsite and offsite existing basins

nd for the design of the proposed on-site water quality  
Add the additional culvert  
Add the additional culvert  
Add the additional culvert  
Add the additional culvert  
Add the additional culvert  
Add the additional culvert  
Add the additional culvert  
Add the additional culvert  
Add the additional culvert  
Add the additional culvert

**Subject:** Callout  
**Page Index:** 5  
**Date:** 10/28/2021 8:49:05 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 5

Address the additional culvert

6 (4)

4. Final Report  
5. Project Description  
6. Engineering Data  
7. Design Data  
8. Construction Methods  
9. Maintenance and Operation  
10. Summary  
11. Proposed Drainage Conditions

**Subject:**  
**Page Index:** 6  
**Date:** 10/25/2021 4:52:59 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 6

channel analysis and design is to be completed by others and a separate report for the major channels will be submitted for review.

data developed flows while protecting  
in the design process. Erosion protection  
to prevent scouring of the channel from  
is to be completed by others and is to  
provide when available

**Subject:** Callout  
**Page Index:** 6  
**Date:** 10/25/2021 4:53:22 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 6

provide when available

add the additional culvert in both existing and proposed conditions  
add the additional culvert in both existing and proposed conditions  
add the additional culvert in both existing and proposed conditions

**Subject:** Callout  
**Page Index:** 6  
**Date:** 10/25/2021 5:06:31 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 6

address the flow from the additional culvert in both existing and proposed conditions

Design Report for Industrial and Commercial DBPS  
Design Report for Industrial and Commercial DBPS  
Design Report for Industrial and Commercial DBPS  
Design Report for Industrial and Commercial DBPS  
Design Report for Industrial and Commercial DBPS

**Subject:** Callout  
**Page Index:** 6  
**Date:** 10/28/2021 8:49:44 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 6

MDDP? (There is no adopted DBPS)

7 (8)

Contractor  
Contractor  
Contractor  
Contractor  
Contractor  
Contractor  
Contractor  
Contractor  
Contractor  
Contractor

**Subject:** Contractor  
**Page Index:** 7  
**Date:** 10/13/2021 2:54:50 PM  
**Author:** EPC Stormwater - Glenn Reese  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 7

Please state that (per your drainage map) that this basin is excluded from WQ per ECM App 1.7.1.B.7. And that WQ will be addressed with the future development of the institutional site.

Basin-1  
ly of off-site  
& gutter

**Subject:** Callout  
**Page Index:** 7  
**Date:** 10/25/2021 5:07:32 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
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Provide preliminary design with assumptions.

a flows have not been included in the construction of the proposed site. The development. Installation of a separate gutter is responsible for ensuring the site development. Water quality for this

**Subject:**  
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**Author:** dsdrice  
**Color:** ■  
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s have not been include

this area will need to be included in the southwest border of the site. Basin-1 edge basin consists entirely of off-site flow to the proposed curb & gutter will discharge directly into right-of-way and not treated further through Basin-1. Rex Road is part of the site the northwest corner of the site. East of future development to include an access to the southeast, to a proposed then be routed under Road V, via 24'

**Subject:** Callout  
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**Author:** dsdrice  
**Color:** ■  
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Rex Road is part of the site

Basin-1  
ly of off-site  
& gutter

**Subject:**  
**Page Index:** 7  
**Date:** 10/25/2021 5:09:06 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 7

f off-site

needs to be treated when constructed

**Subject:** Callout  
**Page Index:** 7  
**Date:** 10/25/2021 5:10:06 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 7

needs to be treated when constructed

Basin-1  
ly of off-site  
& gutter

**Subject:** Callout  
**Page Index:** 7  
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**Author:** dsdrice  
**Color:** ■  
**Layer:**  
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provide developed design assumptions and preliminary pond sizing and location

10/25/2021 5:24:25 PM  
10/25/2021 5:30:57 PM  
10/25/2021 5:33:06 PM

**Subject:** Callout  
**Page Index:** 7  
**Date:** 10/25/2021 5:24:25 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 7

Address where overflows will go

8 (4)

10/25/2021 5:33:06 PM

**Subject:** Callout  
**Page Index:** 8  
**Date:** 10/25/2021 5:30:57 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 8

Address where overflows will go

10/25/2021 5:33:06 PM

**Subject:** Callout  
**Page Index:** 8  
**Date:** 10/25/2021 5:33:06 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 8

Address overflow spillway size and location

10/26/2021 9:12:46 AM

**Subject:** Callout  
**Page Index:** 8  
**Date:** 10/26/2021 9:12:46 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 8

address overflow routes

10/26/2021 9:43:00 AM

**Subject:** Callout  
**Page Index:** 8  
**Date:** 10/26/2021 9:43:00 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 8

Address overflow route

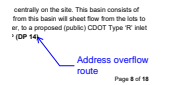
9 (3)

10/26/2021 9:11:29 AM

**Subject:** Callout  
**Page Index:** 9  
**Date:** 10/26/2021 9:11:29 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 9

This basin needs to be split up with more design points

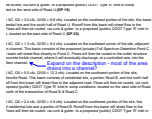
10/26/2021 9:11:29 AM





**Subject:** Callout  
**Page Index:** 9  
**Date:** 10/26/2021 10:56:37 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 9

Address overflow route



**Subject:** Callout  
**Page Index:** 9  
**Date:** 10/26/2021 10:51:48 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 9

Expand on the description - most of the area drains into a channel?

10 (2)



**Subject:** Callout  
**Page Index:** 10  
**Date:** 10/26/2021 11:12:16 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 10

Address overflow route



**Subject:** Callout  
**Page Index:** 10  
**Date:** 10/26/2021 11:15:21 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 10

Needs to be broken up

11 (6)

of the report, both the Main :  
 gh the site. There are no pr  
 rerouted. The analysis for br  
 eport **will be submitted** for re

**Subject:**  
**Page Index:** 11  
**Date:** 10/26/2021 1:17:20 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 11

will be submitted



**Subject:** Callout  
**Page Index:** 11  
**Date:** 10/28/2021 8:44:21 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 11

6 plus something for Rex Road?



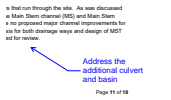
**Subject:** Callout  
**Page Index:** 11  
**Date:** 10/28/2021 8:46:43 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 11

Provide Pond F for basin A-1



**Subject:** Callout  
**Page Index:** 11  
**Date:** 10/28/2021 8:50:17 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 11

MDDP?



**Subject:** Callout  
**Page Index:** 11  
**Date:** 10/28/2021 8:50:44 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 11

Address the additional culvert and basin



**Subject:** Text Box  
**Page Index:** 11  
**Date:** 10/28/2021 11:57:13 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 11

Provide discussion and analysis of existing and proposed downstream drainage facilities and their ability to convey developed runoff from the proposed development.

12 (10)



**Subject:** Callout  
**Page Index:** 12  
**Date:** 10/28/2021 9:00:26 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 12

Address channel maintenance by the district.



**Subject:** Callout  
**Page Index:** 12  
**Date:** 10/28/2021 8:52:34 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 12

provide final USACE determination

Address wetland  
by the district

**Subject:** Callout  
**Page Index:** 12  
**Date:** 10/28/2021 9:01:32 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 12

Address wetland maintenance by the district

plain Statement  
age Fees & Maintenance

**Subject:** Callout  
**Page Index:** 12  
**Date:** 10/28/2021 9:03:38 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 12

and .....556G

ential sui  
l in five on  
report wer

**Subject:**  
**Page Index:** 12  
**Date:** 10/28/2021 9:04:34 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 12

five

1 Stem and Ma  
he five (5) WC  
be submitted

**Subject:**  
**Page Index:** 12  
**Date:** 10/28/2021 10:46:59 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 12

five (5)

Drainage Report will be submitte-  
if, 2014.  
of Colorado Springs, May 2014.  
Jrban Drainage and Flood Contro

**Subject:** Callout  
**Page Index:** 12  
**Date:** 10/28/2021 10:49:15 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 12

1990

ings, May 2014,  
and Flood Control District, January 2016  
at October 2010 (Not printed by

**Subject:** Callout  
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**Author:** dsdrice  
**Color:** ■  
**Layer:**  
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2002



2014  
 F Colorado Springs, May 2014  
 and Drainage and Flood Control District  
 J. Cheryl Barrell, October 2010/MSU  
 Heritage Plan (MSDP), H&G Group, November 2002.  
 Add EPC DCM  
 Update (2015) and  
 ECM (2020)  
 Page 12 of 18

**Subject:** Callout  
**Page Index:** 12  
**Date:** 10/28/2021 10:52:14 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 12

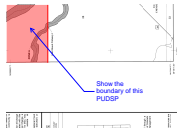
Add EPC DCM Update (2015) and ECM (2020)

F County Commission jurisdiction, it is  
 to all they are to be owned and maintained by G)  
 added by the H&G, once established, unless an  
 ADDRESS maintenance  
 access roads for the  
 ponds and channels  
 in the last major channel, MS and MS1. The  
 are with the retention in MS being classified as  
 -agricultural. The wetlands will be analyzed with

**Subject:** Callout  
**Page Index:** 12  
**Date:** 10/28/2021 11:58:27 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 12

Address maintenance access roads for the ponds and channels

15 (1)



**Subject:** Callout  
**Page Index:** 15  
**Date:** 10/28/2021 10:54:38 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 15

Show the boundary of this PUDSP

28 (1)

Table with 5 columns: Basin ID, Basin Name, Area (Acres), Volume (MG), and Notes. A callout points to a row with the note 'There should be more than 3 existing basins'.

**Subject:** Callout  
**Page Index:** 28  
**Date:** 10/28/2021 10:56:34 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 22

There should be more than 3 existing basins

30 (2)

Urbanized 1 <sub>u</sub> (MIN)	1 <sub>u</sub> (MIN)
31.7	31.7
27.8	27.8
17.4	17.4
13.3	7.0
14.2	17.0

**Subject:**  
**Page Index:** 30  
**Date:** 10/28/2021 10:59:35 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 24

not urbanized for existing?

Basin ID	Basin Name	Area (Acres)	Volume (MG)	Notes

**Subject:** Callout  
**Page Index:** 30  
**Date:** 10/28/2021 10:59:25 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 24

not urbanized for existing?

31 (1)

Not checked on first review

indview Subdivision PDR  
C001  
A

**Subject:** Text Box  
**Page Index:** 31  
**Date:** 10/28/2021 11:00:35 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 25

Not checked on first review

36 (1)

Inlets not checked with first review.

INDVIEW Subdivision PDR  
C001  
A

**Subject:** Text Box  
**Page Index:** 36  
**Date:** 10/28/2021 11:18:50 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 30

Inlets not checked with first review.

81 (1)

Provide box culvert and channel calculations.

INDVIEW Subdivision PDR  
C001  
A

**Subject:** Text Box  
**Page Index:** 81  
**Date:** 10/26/2021 1:41:59 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 75

Provide box culvert and channel calculations.

83 (3)

8	0.87
al	24.00
28?	
in	Area
7	24.70

**Subject:** Callout  
**Page Index:** 83  
**Date:** 10/28/2021 11:20:49 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 77

28?

-5	3.99
total	16.00
50.69?	

**Subject:** Callout  
**Page Index:** 83  
**Date:** 10/28/2021 11:27:52 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 77

50.69?

65.7	
2	
46.0	
60?	

**Subject:** Callout  
**Page Index:** 83  
**Date:** 10/28/2021 11:21:07 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 77

60?

84 (2)

4.76	62.4
4.74	65.3
1.71	2
11.36	56.1

>14.4?

Area	% Imp
6.36	47.1
11.66	53.8

**Subject:** Callout  
**Page Index:** 84 >14.4?  
**Date:** 10/28/2021 11:28:33 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 78

1.71	2
13.37	47.2

20.23?

**Subject:** Callout  
**Page Index:** 84 20.23?  
**Date:** 10/28/2021 11:21:50 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 78

91 (1)

Provide the outlet design sheets for each pond

**Subject:** Text Box Provide the outlet design sheets for each pond  
**Page Index:** 91  
**Date:** 10/26/2021 10:00:12 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 85

92 (1)

28?

EDB	24.00	acres
	1,700	ft
	850	ft
	0.000	ft/ft

**Subject:** Callout  
**Page Index:** 92 28?  
**Date:** 10/28/2021 11:07:37 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
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**Page Label:** 86

94 (2)

49.7?

EDB	16.00	acres
	1,400	ft
	2,800	ft
	0.000	ft/ft
	40.00%	percent
	100.0%	percent
	0.0%	percent
	0.0%	percent
	48.0	hours

Note: L / W Ratio > 8  
L / W Ratio = 11.25

**Subject:** Callout  
**Page Index:** 94 49.7?  
**Date:** 10/28/2021 11:09:28 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 88

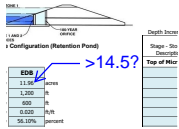
60?

EDB	16.00	acres
	2,800	ft
	1,400	ft
	0.000	ft/ft
	40.00%	percent
	100.0%	percent
	0.0%	percent
	0.0%	percent
	48.0	hours

Note: L / W Ratio > 8  
L / W Ratio = 11.25

**Subject:** Callout  
**Page Index:** 94 60?  
**Date:** 10/28/2021 11:17:09 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 88

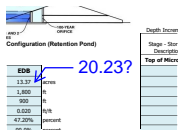
96 (1)



**Subject:** Callout  
**Page Index:** 96  
**Date:** 10/28/2021 11:14:16 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 90

>14.5?

98 (1)



**Subject:** Callout  
**Page Index:** 98  
**Date:** 10/28/2021 11:15:17 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 92

20.23?

100 (1)

Provide detailed existing conditions plan(s) for the PUDSP area.

**Subject:** Text Box  
**Page Index:** 100  
**Date:** 10/24/2021 4:19:34 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 94

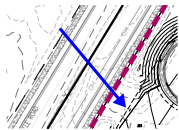
Provide detailed existing conditions plan(s) for the PUDSP area.

101 (13)



**Subject:** Callout  
**Page Index:** 101  
**Date:** 10/26/2021 11:21:45 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-1

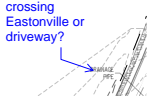
Address existing culvert and offsite flows



**Subject:** Arrow  
**Page Index:** 101  
**Date:** 10/24/2021 3:13:56 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-1



**Subject:** Arrow  
**Page Index:** 101  
**Date:** 10/24/2021 3:19:26 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-1



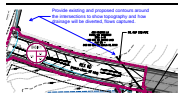
**Subject:** Callout  
**Page Index:** 101  
**Date:** 10/24/2021 3:19:57 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-1

crossing Eastonville or driveway?



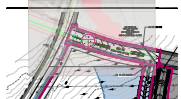
**Subject:** Callout  
**Page Index:** 101  
**Date:** 10/24/2021 3:20:29 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-1

Show and label existing driveway

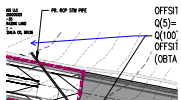


**Subject:** Callout  
**Page Index:** 101  
**Date:** 10/24/2021 3:48:16 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-1

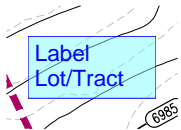
Provide existing and proposed contours around the intersections to show topography and how drainage will be diverted, flows captured.



**Subject:** Image  
**Page Index:** 101  
**Date:** 10/28/2021 12:01:16 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-1

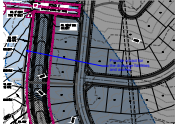


**Subject:** Callout  
**Page Index:** 101  
**Date:** 10/24/2021 3:49:27 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-1



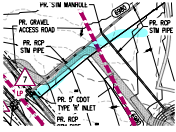
**Subject:** Text Box  
**Page Index:** 101  
**Date:** 10/25/2021 5:19:31 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-1

Label Lot/Tract



**Subject:** Callout  
**Page Index:** 101  
**Date:** 10/25/2021 5:20:07 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-1

Provide a tract for the drainage facilities and access



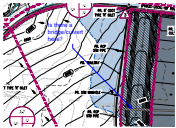
**Subject:**  
**Page Index:** 101  
**Date:** 10/25/2021 5:25:56 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-1

Provide overflow path and grading



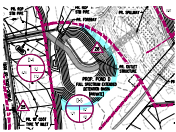
**Subject:** Callout  
**Page Index:** 101  
**Date:** 10/25/2021 5:26:42 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-1

Is there a bridge/culvert here?

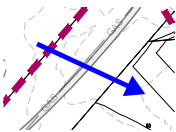


**Subject:** Callout  
**Page Index:** 101  
**Date:** 10/26/2021 1:09:39 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-1

102 (13)



**Subject:**  
**Page Index:** 102  
**Date:** 10/26/2021 11:08:56 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-2

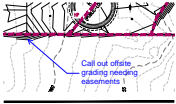


**Subject:** Arrow  
**Page Index:** 102  
**Date:** 10/26/2021 11:10:06 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-2



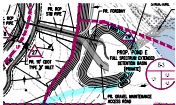
**Subject:** Callout  
**Page Index:** 102  
**Date:** 10/26/2021 11:11:35 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-2

This area flows to the southeast?

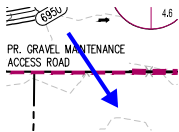


**Subject:** Callout  
**Page Index:** 102  
**Date:** 10/26/2021 11:13:50 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-2

Call out offsite grading needing easements



**Subject:**  
**Page Index:** 102  
**Date:** 10/26/2021 11:15:48 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-2

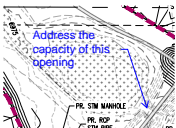


**Subject:** Arrow  
**Page Index:** 102  
**Date:** 10/26/2021 11:16:05 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-2



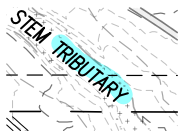
**Subject:** Callout  
**Page Index:** 102  
**Date:** 10/26/2021 11:18:02 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-2

Consider using a wider spillway to match existing grades

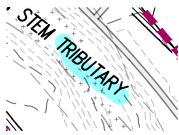


**Subject:** Callout  
**Page Index:** 102  
**Date:** 10/26/2021 11:20:52 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-2

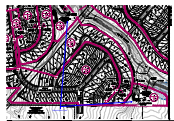
Address the capacity of this opening



**Subject:**  
**Page Index:** 102  
**Date:** 10/26/2021 1:18:03 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-2



**Subject:**  
**Page Index:** 102  
**Date:** 10/26/2021 1:18:12 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-2



**Subject:** Callout  
**Page Index:** 102  
**Date:** 10/26/2021 1:28:52 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-2

Adjust basin lines



**Subject:** Delete  
**Page Index:** 102  
**Date:** 10/26/2021 1:29:23 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-2

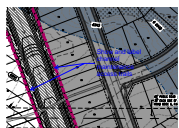
Delete



**Subject:** Delete  
**Page Index:** 102  
**Date:** 10/26/2021 1:29:37 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-2

Delete

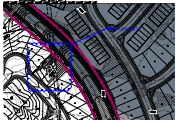
103 (14)



**Subject:** Callout  
**Page Index:** 103  
**Date:** 10/24/2021 4:57:01 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-3

Show and label channel maintenance access trails





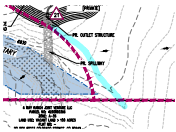
**Subject:** Cloud+  
**Page Index:** 103  
**Date:** 10/26/2021 9:48:09 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-3

Fix grading?

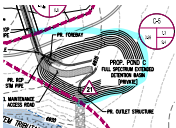


**Subject:** Callout  
**Page Index:** 103  
**Date:** 10/26/2021 10:49:08 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-3

Make sure this lot's driveway will work



**Subject:**  
**Page Index:** 103  
**Date:** 10/26/2021 10:52:07 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-3

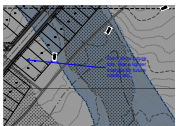


**Subject:**  
**Page Index:** 103  
**Date:** 10/26/2021 10:53:33 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-3



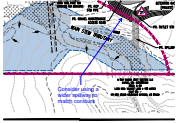
**Subject:** Callout  
**Page Index:** 103  
**Date:** 10/26/2021 12:08:55 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-3

A temporary cul-de-sac will be required



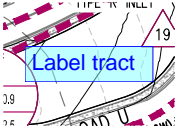
**Subject:** Callout  
**Page Index:** 103  
**Date:** 10/26/2021 12:09:46 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-3

Don't show future lots. Use a lighter linetype for future roads, etc.



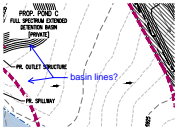
**Subject:** Callout  
**Page Index:** 103  
**Date:** 10/26/2021 1:25:31 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-3

Consider using a wider spillway to match contours



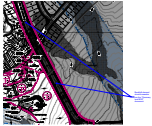
**Subject:** Text Box  
**Page Index:** 103  
**Date:** 10/26/2021 1:27:02 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-3

Label tract



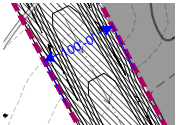
**Subject:** Callout  
**Page Index:** 103  
**Date:** 10/26/2021 1:27:39 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-3

basin lines?



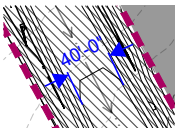
**Subject:** Callout  
**Page Index:** 103  
**Date:** 10/27/2021 8:10:55 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-3

Bankfull channel should meander per the "Summary and BOD" document



**Subject:** Length Measurement  
**Page Index:** 103  
**Date:** 10/26/2021 1:36:46 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-3

100'-0"



**Subject:** Length Measurement  
**Page Index:** 103  
**Date:** 10/26/2021 1:37:42 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-3

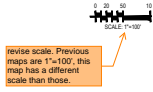
40'-0"



**Subject:** Callout  
**Page Index:** 103  
**Date:** 10/26/2021 1:38:52 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] DR-3

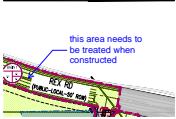
label culvert

104 (4)



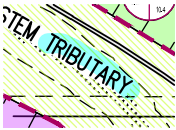
**Subject:** Contractor  
**Page Index:** 104  
**Date:** 10/13/2021 2:57:39 PM  
**Author:** EPC Stormwater - Glenn Reese  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] WQ Plan

revise scale. Previous maps are 1"=100', this map has a different scale than those.



**Subject:** Callout  
**Page Index:** 104  
**Date:** 10/25/2021 5:17:31 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] WQ Plan

this area needs to be treated when constructed



**Subject:**  
**Page Index:** 104  
**Date:** 10/26/2021 1:17:31 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] WQ Plan



**Subject:**  
**Page Index:** 104  
**Date:** 10/26/2021 1:17:39 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] WQ Plan