

ENG-PUDSP20005-R1-PDR-redlines.pdf Markup Summary

1 (2)

Subject: Text Box
Page Index: 1
Date: 10/11/2020 10:06:52 PM
Author: dsdrice
Color: ■
Layer:
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Page Label: 1

See comment letter also

See comment letter also



Subject: EPC ENG Review
Page Index: 1
Date: 10/12/2020 10:02:20 AM
Author: dsdrice
Color: ■
Layer:
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Page Label: 1

2 (2)

Subject: Callout
Page Index: 2
Date: 10/11/2020 10:10:55 PM
Author: dsdrice
Color: ■
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Page Label: 2

include all owners



File of the Drainage Criteria Manual, Volumes 1 and 2, B Phase of Land Development Code as amended.

C0101

Subject:
Page Index: 2
Date: 10/11/2020 10:12:40 PM
Author: dsdrice
Color: ■
Layer:
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Page Label: 2

DEVELOPER'S

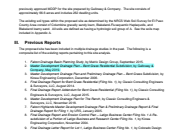
DEVELOPER'S CER

Filed in accordance with
County Engineering Code

4 (3)

Subject:
Page Index: 4
Date: 10/11/2020 10:15:12 PM
Author: dsdrice
Color: ■
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Page Label: 4

Master Development Drainage Plan – Bent Grass Residential Subdivision, by Galloway & Company, May 2019.



Subject: Callout
Page Index: 4
Date: 10/11/2020 10:15:36 PM
Author: dsdrice
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Page Label: 4

provide revised MDDP

the basis for the drainage facilities prepared by Galloway & Co as 260 dwelling units.
260?
posed site as determined by the gravelly sandy loam, Blakeland-defined as having a hydrologic

Subject: Callout
Page Index: 4
Date: 10/11/2020 10:18:31 PM
Author: dsdrice
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Page Label: 4

5 (2)



Subject:
Page Index: 5
Date: 10/11/2020 10:16:19 PM
Author: dsdrice
Color: ■
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Page Label: 5

The site does border the Middle Falcon Tributary along the eastern edge of the property.

for the proposed on-site water
Delete
Vest Falcon Tributary. The site is property. The site generally d

Subject: Callout
Page Index: 5
Date: 10/11/2020 10:19:59 PM
Author: dsdrice
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Delete

6 (5)



Subject: Cloud+
Page Index: 6
Date: 10/11/2020 10:24:40 PM
Author: dsdrice
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Page Label: 6

revise based on filing 2 construction

100 = 0.6 cfs
nel. The b

Subject:
Page Index: 6
Date: 10/12/2020 8:20:28 AM
Author: dsdrice
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Page Label: 6


0.6

100 = 0.9 cfs
of the existin


Subject:
Page Index: 6
Date: 10/12/2020 8:20:50 AM
Author: dsdrice
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Page Label: 6

= 0.9

100 = 0.4 cfs
existing char

Subject: = 0.4
Page Index: 6
Date: 10/12/2020 8:21:16 AM
Author: dsdrice
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Page Label: 6

100 = 6.2 cfs):
ows Drive and
pecially flow


Subject: = 6.2 c
Page Index: 6
Date: 10/12/2020 8:22:03 AM
Author: dsdrice
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Page Label: 6

8 (8)


Quality Capture Volume with Slow
volume to slow the release of runoff from
the WQCV will release in no less than 40 h
will provide water quality treatment prior to
for all developed
areas?
accommodate developed flows while protect
m erosion in the drainageways. Erosion prt
channel to prevent scouring of the channel

Subject: Callout for all developed areas?
Page Index: 8
Date: 10/12/2020 10:55:59 AM
Author: dsdrice
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Page Label: 8


outfall points to
odel will be cre

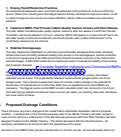
Subject: I will be
Page Index: 8
Date: 10/12/2020 9:00:35 AM
Author: dsdrice
Color: 
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Page Label: 8

is provided in the MDDP?

Subject: Callout is provided in the MDDP?
Page Index: 8
Date: 10/12/2020 9:02:10 AM
Author: dsdrice
Color: 
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Page Label: 8

Call out the specific LID BMPs and locations,
include the design and fact sheets.

Subject: Callout Call out the specific LID BMPs and locations,
Page Index: 8 include the design and fact sheets.
Date: 10/12/2020 9:10:54 AM
Author: dsdrice
Color: 
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Page Label: 8



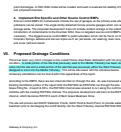
Subject: Cloud+
Page Index: 8
Date: 10/12/2020 9:13:16 AM
Author: dsdrice
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Page Label: 8

Consider Need for Industrial and Commercial BMPs



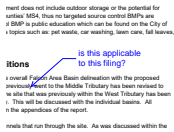
Subject: Cloud+
Page Index: 8
Date: 10/12/2020 9:14:35 AM
Author: dsdrice
Color: ■
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Page Label: 8

Provide Water Quality Capture Volume (WQCV)



Subject:
Page Index: 8
Date: 10/12/2020 9:15:32 AM
Author: dsdrice
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Page Label: 8

A small portion of the site that previously went to the Middle Tributary has been revised to come into the site and a small portion of the site that was previously within the West Tributary has been designed to drain into the Middle Tributary.



Subject: Callout
Page Index: 8
Date: 10/12/2020 9:15:50 AM
Author: dsdrice
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is this applicable to this filing?

10 (4)

from this basin
 at DP 9. Flo
 basin D-3 and ti

Subject:
Page Index: 10
Date: 10/12/2020 9:30:20 AM
Author: dsdrice
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Page Label: 10

t DP 9.

sin sheet flows
 -3 at DP 10. Fl
 (isting area inle

Subject:
Page Index: 10
Date: 10/12/2020 9:31:12 AM
Author: dsdrice
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Page Label: 10

t DP 10

The GEC plan shows grading in the channel. The complete channel design, including downstream, needs to be provided if this is the case.

Subject: Text Box
Page Index: 12
Date: 10/12/2020 9:41:41 AM
Author: dsdrice
Color: ■
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Page Label: 12

The GEC plan shows grading in the channel. The complete channel design, including downstream, needs to be provided if this is the case.

Side within this report to establish and stabilize quality for the site is provided in two cross-sections within this report. They are sized according to channel corridor will be publicly owned and a Final Drainage Report will be submitted.

Subject:
Page Index: 12
Date: 10/12/2020 9:42:39 AM
Author: dsdrice
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Page Label: 12

multiple drainageways

are proposed to be

Subject: Cloud+
Page Index: 12
Date: 10/12/2020 9:43:20 AM
Author: dsdrice
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Page Label: 12

are proposed to be

drainage facilities. All of the Paso County.

Subject:
Page Index: 12
Date: 10/12/2020 9:43:30 AM
Author: dsdrice
Color: ■
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Page Label: 12

. All of

Recommendations are made within this report to establish and stabilize water quality for the site as provided in two cross-sections within this report. They are sized according to channel corridor will be publicly owned and a Final Drainage Report will be submitted along with a final drainage plan.

Subject: Text Box
Page Index: 12
Date: 10/12/2020 9:44:50 AM
Author: dsdrice
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Page Label: 12

Bent Grass Metro District will maintain the swales and WQCV ponds.

33 (1)

The lots called out as one acre need to be revised per PUD/SP comments.

Subject: Callout
Page Index: 33
Date: 10/12/2020 9:54:06 AM
Author: dsdrice
Color: ■
Layer:
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Page Label: 33

The lots called out as one acre need to be revised per PUD/SP comments.

35 (1)



Subject: Callout
Page Index: 35
Date: 10/12/2020 10:00:21 AM
Author: dsdrice
Color: ■
Layer:
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Page Label: 35

A lot of these seem high. Show the Tc lines on the drainage plans.

40 (1)



Subject: Callout
Page Index: 40
Date: 10/11/2020 10:29:11 PM
Author: dsdrice
Color: ■
Layer:
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Page Label: 40

missing?

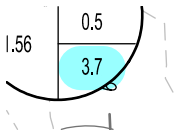
42 (1)



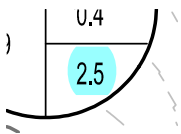
Subject: Callout
Page Index: 42
Date: 10/11/2020 10:29:21 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 42

missing?

45 (9)

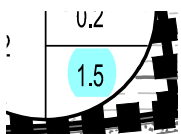


Subject:
Page Index: 45
Date: 10/12/2020 8:20:57 AM
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Page Label: 45



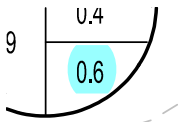
Subject:
Page Index: 45
Date: 10/12/2020 8:20:59 AM
Author: dsdrice
Color: ■
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Page Label: 45

2.5



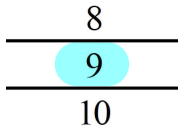
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Page Index: 45
Date: 10/12/2020 8:21:11 AM
Author: dsdrice
Color: ■
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Page Label: 45

1.5

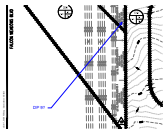


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Date: 10/12/2020 8:21:58 AM
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0.6

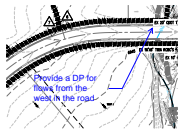


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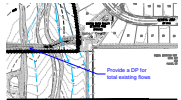
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Color: ■
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Page Label: 45

DP 9?



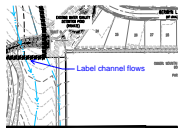
Subject: Callout
Page Index: 45
Date: 10/12/2020 9:18:50 AM
Author: dsdrice
Color: ■
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Provide a DP for flows from the west in the road



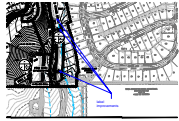
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Page Index: 45
Date: 10/12/2020 9:19:32 AM
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Color: ■
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Page Label: 45

Provide a DP for total existing flows



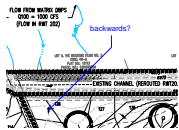
Subject: Callout
Page Index: 45
Date: 10/12/2020 9:20:08 AM
Author: dsdrice
Color: ■
Layer:
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Page Label: 45

Label channel flows



Subject: Callout
Page Index: 46
Date: 10/11/2020 10:42:59 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 46

label improvements



Subject: Callout
Page Index: 46
Date: 10/12/2020 8:15:09 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 46

backwards?

2.9	4.8
5.3	24.3
23.8	39.9
0.0	0.0
5.6	9.3
13.9	23.4
9.3	43.4

Subject:
Page Index: 46
Date: 10/12/2020 8:18:02 AM
Author: dsdrice
Color: ■
Layer:
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Page Label: 46

0.66	1.1	2.3
1.17	2.0	4.3

If these are only site flows, provide a note stating that.

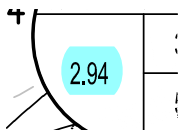
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Page Index: 46
Date: 10/12/2020 9:27:08 AM
Author: dsdrice
Color: ■
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Page Label: 46

If these are only site flows, provide a note stating that.



Subject: Callout
Page Index: 46
Date: 10/12/2020 9:27:35 AM
Author: dsdrice
Color: ■
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Page Label: 46

Label total developed channel flows



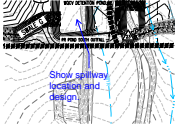
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Page Index: 46
Date: 10/12/2020 9:33:28 AM
Author: dsdrice
Color: ■
Layer:
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Page Label: 46

2.94



Subject: Callout
Page Index: 46
Date: 10/12/2020 9:36:46 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 46

provide size



Subject: Callout
Page Index: 46
Date: 10/12/2020 9:39:09 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 46

Show spillway location and design.