

ENG-PUDSP21006-R1-PDR.pdf Markup Summary

1 (5)

IMAGE PLAN

0X

Revise text to:
PUDSP-21-006

PLAN

κ

Subject: SW - Comment
Page Index: 1
Date: 5/11/2021 6:54:32 PM
Author: EPC Stormwater - Glenn Reese
Color: ■
Layer:
Space:
Page Label: 1

Revise text to:
PUDSP-21-006



Subject: EPC ENG Review
Page Index: 1
Date: 6/1/2021 1:03:01 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 1



Subject: PCD Comment Legend
Page Index: 1
Date: 6/1/2021 1:02:53 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 1

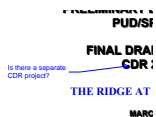
PRELIMINARY DRAINAGE PLAN
PUDSP 21-00X

FINAL DRAINAGE PLAN
CDR 21-00X

THE RIDGE AT LORSON RANCH
MARCH, 2021

Subject:
Page Index: 1
Date: 6/1/2021 6:05:58 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 1

FFIIINNNAALLL
DDDRRRAAAAIIINNNAAGGGEEE
PPPLLLAAANNN
CCCDDDR 222111---000000XXX



Subject: Callout
Page Index: 1
Date: 6/1/2021 6:06:40 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 1

Is there a separate CDR project?

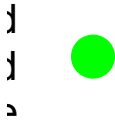
3 (1)



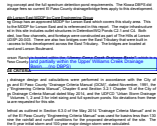
Subject: Highlight
Page Index: 3
Date: 6/1/2021 1:03:28 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 3

Ignore the green dots.

4 (2)



Subject: Highlight
Page Index: 4
Date: 6/1/2021 3:11:13 PM
Author: dsdrice
Color:
Layer:
Space:
Page Label: 4



Subject: Text Box
Page Index: 4
Date: 6/2/2021 11:24:30 AM
Author: dsdrice
Color:
Layer:
Space:
Page Label: 4

and partially within the Upper Williams Creek
Drainage Basin.....(no DBPS)

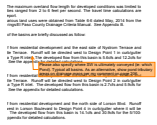
6 (1)



Subject: Callout
Page Index: 6
Date: 6/2/2021 11:17:25 AM
Author: dsdrice
Color:
Layer:
Space:
Page Label: 6

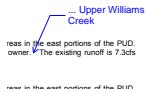
verify acreage (see plan redlines)

7 (2)



Subject: SW - Comment
Page Index: 7
Date: 5/13/2021 10:48:49 AM
Author: EPC Stormwater - Glenn Reese
Color:
Layer:
Space:
Page Label: 7

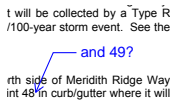
Please also specify where SW is ultimately
conveyed (ie: which Pond). Typical all basins. As
an alternative, show pond tributary areas on
drainage maps per my comment on page 206.



Subject: Callout
Page Index: 7
Date: 6/2/2021 11:25:29 AM
Author: dsdrice
Color:
Layer:
Space:
Page Label: 7

... Upper Williams Creek

10 (1)



Subject: Callout
Page Index: 10
Date: 6/3/2021 1:19:11 PM
Author: dsdrice
Color:
Layer:
Space:
Page Label: 10

and 49?

11 (1)



Subject: Callout
Page Index: 11
Date: 6/3/2021 1:23:21 PM
Author: dsdrice
Color: ■
Layer:
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Page Label: 11

See Sheet 4 redlines and comment letter.

12 (5)

nd the north side of Cod
where it will be collected
for the 5/100-year storm e

Subject:
Page Index: 12
Date: 6/3/2021 1:29:01 PM
Author: dsdrice
Color: ■
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Page Label: 12

e north side of

the north side of
here it will be collected
for the 5/100-year storm e

Subject: Delete
Page Index: 12
Date: 6/3/2021 1:29:25 PM
Author: dsdrice
Color: ■
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Page Label: 12

Delete

design storm the 5/100-year storm is not used
in this basin is 11.1 cfs and 24.5 cfs for the 5/100-
year storm event. See the appendix for detail
basin OS-B1
This basin consists of runoff from undeveloped
land west to Rikers Ridge Lane. The 5/100-
year storm event is 2.9 cfs and 15.8 cfs for the
5/100-year storm event. See the appendix for
detail.

Subject: Callout
Page Index: 12
Date: 6/3/2021 1:31:39 PM
Author: dsdrice
Color: ■
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Page Label: 12

More detail is needed. see sheet 5 redlines.

upside ridge lane. runoff will be directed to
collected by a Type R inlet. The developed
area storm event. See the appendix for detail
basin OS-B1
This basin consists of runoff from undeveloped
land west to Rikers Ridge Lane. The 5/100-
year storm event is 2.9 cfs and 15.8 cfs for the
5/100-year storm event. See the appendix for
detail.

Subject:
Page Index: 12
Date: 6/3/2021 1:31:49 PM
Author: dsdrice
Color: ■
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Page Label: 12


west to Rikers Ridge Lane.


Lorson Ranch. Runoff will be collected by a
Type R inlet. The developed area storm event is
2.9 cfs and 15.8 cfs for the 5/100-year storm
event. See the appendix for detail.


Subject:
Page Index: 12
Date: 6/3/2021 1:32:03 PM
Author: dsdrice
Color: ■
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Page Label: 12


2.9cfs and 15.8cfs


with side of Rikers Ridge Drive

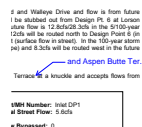
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Page Label: 13

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Page Index: 13
Date: 6/3/2021 1:53:53 PM
Author: dsdrice
Color: 
Layer:
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Page Label: 13

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Page Index: 13
Date: 6/3/2021 1:55:36 PM
Author: dsdrice
Color: 
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Page Label: 13

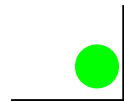
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Page Label: 13

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Page Label: 13

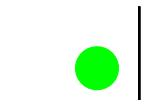


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Date: 6/3/2021 2:01:51 PM
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Page Label: 14

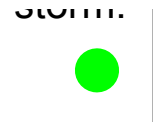
and Aspen Butte Ter.



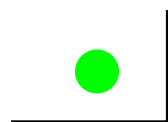
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Date: 6/3/2021 2:03:35 PM
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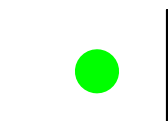
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Author: dsdrice
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Space:
Page Label: 14



Subject: Highlight
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Date: 6/3/2021 2:26:08 PM
Author: dsdrice
Color:
Layer:
Space:
Page Label: 15



Subject: Highlight
Page Index: 16
Date: 6/3/2021 2:26:27 PM
Author: dsdrice
Color:
Layer:
Space:
Page Label: 16



Subject: Highlight
Page Index: 16
Date: 6/3/2021 2:31:46 PM
Author: dsdrice
Color:
Layer:
Space:
Page Label: 16

17 (2)



Subject: Highlight
Page Index: 17
Date: 6/3/2021 2:32:02 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 17



Subject: Highlight
Page Index: 17
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Author: dsdrice
Color: 
Layer:
Space:
Page Label: 17

18 (3)




Subject: Highlight
Page Index: 18
Date: 6/3/2021 2:33:16 PM
Author: dsdrice
Color: 
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Page Label: 18

v is



Subject: Highlight
Page Index: 18
Date: 6/3/2021 2:33:29 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 18



Subject: Highlight
Page Index: 18
Date: 6/3/2021 2:34:06 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 18

19 (4)

is



Subject: Highlight
Page Index: 19
Date: 6/3/2021 2:34:38 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 19



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Page Index: 19
Date: 6/3/2021 2:36:31 PM
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Color: 
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Space:
Page Label: 19

is




Subject: Highlight
Page Index: 19
Date: 6/3/2021 2:36:40 PM
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Color: 
Layer:
Space:
Page Label: 19



Subject: Highlight
Page Index: 19
Date: 6/3/2021 2:36:55 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 19

20 (2)




Subject: Highlight
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Space:
Page Label: 20




Subject: Highlight
Page Index: 20
Date: 6/3/2021 2:38:14 PM
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Color: 
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Page Label: 20

21 (2)




Subject: Highlight
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Date: 6/3/2021 2:39:39 PM
Author: dsdrice
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Space:
Page Label: 21



Subject: Highlight
Page Index: 21
Date: 6/3/2021 2:39:57 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 21

22 (2)



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Date: 6/3/2021 2:42:06 PM
Author: dsdrice
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Page Label: 22



Subject: Highlight
Page Index: 22
Date: 6/3/2021 2:42:57 PM
Author: dsdrice
Color: 
Layer:
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Page Label: 22

23 (2)



Subject: Highlight
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Date: 6/3/2021 2:43:30 PM
Author: dsdrice
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Layer:
Space:
Page Label: 23



Subject: Highlight
Page Index: 23
Date: 6/3/2021 2:43:36 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 23

24 (2)



Subject: Highlight
Page Index: 24
Date: 6/3/2021 2:44:21 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 24



Subject: Highlight
Page Index: 24
Date: 6/3/2021 2:45:33 PM
Author: dsdrice
Color:
Layer:
Space:
Page Label: 24

25 (4)



is locate

Subject: Highlight
Page Index: 25
Date: 6/3/2021 2:08:50 PM
Author: dsdrice
Color:
Layer:
Space:
Page Label: 25

low: 40.2cfs
ad: 7.5cfs in curb downstream
13 cfs?
bet) is okay

Subject: Callout
Page Index: 25
Date: 6/3/2021 2:46:30 PM
Author: dsdrice
Color:
Layer:
Space:
Page Label: 25

13 cfs?

ai pipe II



Subject: Highlight
Page Index: 25
Date: 6/3/2021 2:47:09 PM
Author: dsdrice
Color:
Layer:
Space:
Page Label: 25

ed:
verify
Inlet DP41
Flow: 28.2cfs
ed: 3.1cfs to DP43

Subject: Callout
Page Index: 25
Date: 6/3/2021 2:48:15 PM
Author: dsdrice
Color:
Layer:
Space:
Page Label: 25

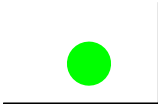
verify

26 (1)

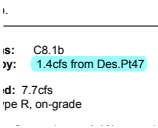
at DP41
.0cfs
verify

Subject: Callout
Page Index: 26
Date: 6/3/2021 3:01:52 PM
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Color:
Layer:
Space:
Page Label: 26

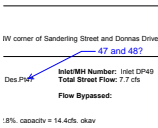
verify



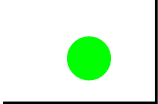
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Date: 6/3/2021 3:06:24 PM
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Page Label: 27



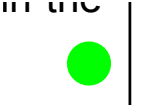
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Page Index: 28
Date: 6/3/2021 3:10:28 PM
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Page Label: 28



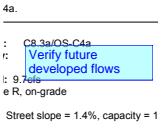
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Page Index: 28
Date: 6/3/2021 3:10:44 PM
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Page Label: 28



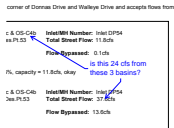
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Page Index: 28
Date: 6/3/2021 3:11:01 PM
Author: dsdrice
Color:
Layer:
Space:
Page Label: 28




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Layer:
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Page Label: 29

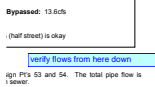



Subject: Text Box Verify future developed flows
Page Index: 30
Date: 6/3/2021 3:13:55 PM
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Layer:
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Page Label: 30



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Page Index: 30
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Page Label: 30

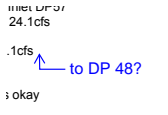
is this 24 cfs from these 3 basins?




Subject: Text Box
Page Index: 30
Date: 6/3/2021 3:18:27 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 30

verify flows from here down

31 (1)




Subject: Callout
Page Index: 31
Date: 6/3/2021 3:08:33 PM
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Page Label: 31

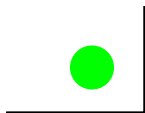
to DP 48?

32 (1)

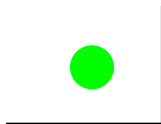


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Page Index: 32
Date: 6/3/2021 3:18:40 PM
Author: dsdrice
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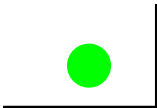
33 (2)



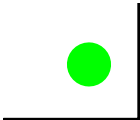
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Date: 6/3/2021 3:19:42 PM
Author: dsdrice
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Page Label: 33



Subject: Highlight
Page Index: 33
Date: 6/3/2021 3:20:06 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 33



Subject: Highlight
Page Index: 34
Date: 6/3/2021 3:20:34 PM
Author: dsdrice
Color:
Layer:
Space:
Page Label: 34



Subject: Highlight
Page Index: 34
Date: 6/3/2021 3:20:52 PM
Author: dsdrice
Color:
Layer:
Space:
Page Label: 34

TIOW IS



Subject: Highlight
Page Index: 34
Date: 6/3/2021 3:21:36 PM
Author: dsdrice
Color:
Layer:
Space:
Page Label: 34

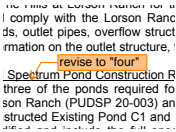


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Date: 6/3/2021 3:23:11 PM
Author: dsdrice
Color:
Layer:
Space:
Page Label: 35



Subject: Callout
Page Index: 35
Date: 6/3/2021 3:26:09 PM
Author: dsdrice
Color:
Layer:
Space:
Page Label: 35

state that the sheet flow manner of discharge is not being changed with this subdivision



Subject: SW - Comment
Page Index: 36
Date: 5/11/2021 6:54:50 PM
Author: EPC Stormwater - Glenn Reese
Color:
Layer:
Space:
Page Label: 36


revise to "four"

Full Spectru
All three of
Lorson Ran

Subject: SW - Highlight
Page Index: 36
Date: 5/11/2021 6:55:06 PM
Author: EPC Stormwater - Glenn Reese
Color: 
Layer:
Space:
Page Label: 36

three


spectrum outlet structure. The outlet
an including what type of structure is
if structures are included in this report,
at a maximum 10% slope to the pond
vannets. The final design of the Pond
use and overflow work. Soil borings
ention ponds can be found in the
y RMC. What is the condition of the current
downstream pond C5?
25-0001
Includes water quality and discharges
Sheet P1 is attached in the 11/1/21 E-18

Subject: SW - Comment
Page Index: 36
Date: 6/3/2021 7:10:31 PM
Author: EPC Stormwater - Glenn Reese
Color: 
Layer:
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Page Label: 36

What is the condition of the current downstream
pond C5?


40 (3)

in three pe

Subject: SW - Highlight
Page Index: 40
Date: 5/13/2021 10:50:52 AM
Author: EPC Stormwater - Glenn Reese
Color: 
Layer:
Space:
Page Label: 40

three

ontaine Boulevard and have be
in three permanent ponds and c
revise to "four"

Subject: SW - Comment
Page Index: 40
Date: 5/13/2021 10:51:30 AM
Author: EPC Stormwater - Glenn Reese
Color: 
Layer:
Space:
Page Label: 40

revise to "four"


SO
lot
ts




Subject: Highlight
Page Index: 40
Date: 6/3/2021 3:31:02 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 40

44 (2)



Subject: Polygonal Line
Page Index: 44
Date: 3/18/2021 2:42:47 PM
Author: RSchindler
Color: 
Layer:
Space:
Page Label: 44




Subject: Text Box
Page Index: 44
Date: 3/18/2021 2:42:51 PM
Author: RSchindler
Color: 
Layer:
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Page Label: 44

site

45 (1)

(not checked in detail)

Subject: Text Box
Page Index: 45
Date: 6/3/2021 3:32:14 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 45

(not checked in detail)

69 (1)


(not checked in detail)

Subject: Text Box
Page Index: 69
Date: 6/3/2021 3:33:26 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 69

(not checked in detail)


110 (1)



Subject:
Page Index: 110
Date: 6/1/2021 6:13:29 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 110

154 (1)



Subject: Highlight
Page Index: 154
Date: 6/3/2021 3:41:57 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 154

175 (1)



Subject: Highlight
Page Index: 175
Date: 6/3/2021 3:38:02 PM
Author: dsdrice
Color: 
Layer:
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Page Label: 175

205 (2)



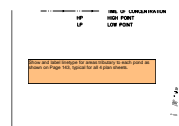
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Page Index: 205
Date: 6/1/2021 5:59:44 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 205



Subject: Area Measurement
Page Index: 205
Date: 6/1/2021 6:03:03 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 205

8 ac

206 (3)



Subject: SW - Text Box
Page Index: 206
Date: 5/13/2021 10:48:55 AM
Author: EPC Stormwater - Glenn Reese
Color: ■
Layer:
Space:
Page Label: 206

Show and label linetype for areas tributary to each pond as shown on Page 143, typical for all 4 plan sheets.



Subject: Callout
Page Index: 206
Date: 6/3/2021 2:24:23 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 206

Label inlet



Subject: Callout
Page Index: 206
Date: 6/3/2021 2:25:49 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 206

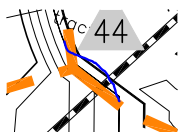
show existing curb and gutter

208 (3)

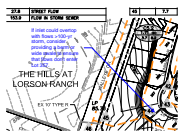


Subject: Pen
Page Index: 208
Date: 6/3/2021 2:18:03 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 208

7



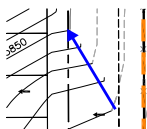
Subject: Pen
Page Index: 208
Date: 6/3/2021 2:18:07 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 208



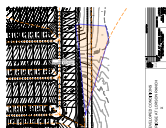
Subject: Callout
Page Index: 208
Date: 6/3/2021 2:21:36 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 208

If inlet could overtop with flows >100-yr storm, consider providing a berm or wide swale to ensure that flows don't enter Lot 357.

209 (6)

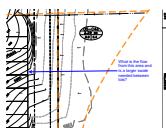


Subject: Arrow
Page Index: 209
Date: 6/1/2021 3:09:36 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 209



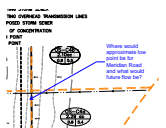
Subject: Area Measurement
Page Index: 209
Date: 6/1/2021 5:44:33 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 209

1.95 ac



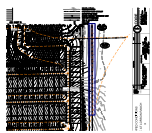
Subject: Callout
Page Index: 209
Date: 6/1/2021 3:09:32 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 209


What is the flow from this area and is a larger swale needed between lots?

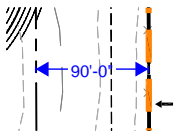



Subject: Callout
Page Index: 209
Date: 6/1/2021 3:48:27 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 209

Where would approximate low point be for Meridian Road and what would future flow be?

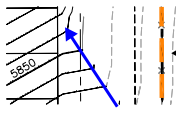



Subject: Rectangle
Page Index: 209
Date: 6/1/2021 5:44:19 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 209

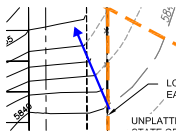



Subject: Length Measurement
Page Index: 209
Date: 6/1/2021 5:41:07 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 209

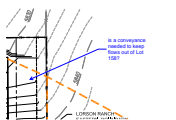
210 (5)




Subject: Arrow
Page Index: 210
Date: 6/1/2021 3:05:01 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 210

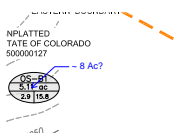



Subject: Arrow
Page Index: 210
Date: 6/1/2021 3:45:36 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 210



Subject: Callout
Page Index: 210
Date: 6/1/2021 3:58:19 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 210


is a conveyance needed to keep flows out of Lot 158?



Subject: Callout
Page Index: 210
Date: 6/1/2021 5:49:17 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 210

~ 8 Ac?



Subject: Callout
Page Index: 210
Date: 6/3/2021 1:50:21 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 210

Should this have the purple border for overall basin?