

EXISTING DRAINAGE CONDITIONS

Subject:
Page Index: 5
Date: 11/24/2021 2:59:48 PM
Author: dsdrice
Color:
Layer:
Space:
Page Label: 5

No grading operations are proposed within the Zone AE at this time

the eastern
e assumed

Subject:
Page Index: 5
Date: 11/24/2021 3:01:03 PM
Author: dsdrice
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Space:
Page Label: 5

eastern

6 (4)

SUD-DASIN
the east of
confluence

Subject:
Page Index: 6
Date: 11/24/2021 3:03:12 PM
Author: dsdrice
Color:
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Page Label: 6

east

is located to
ention Pond in
moff is piped

Subject:
Page Index: 6
Date: 11/24/2021 3:03:37 PM
Author: dsdrice
Color:
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Page Label: 6

is piped

permanently
a drains to design point 15,
future
rvious is comprised of single
to an on grade inlet at design

Subject: Callout
Page Index: 6
Date: 11/24/2021 3:05:08 PM
Author: dsdrice
Color:
Layer:
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Page Label: 6

future

provide sizes of all inlets

Subject: Callout
Page Index: 6
Date: 11/24/2021 3:07:16 PM
Author: dsdrice
Color:
Layer:
Space:
Page Label: 6

provide sizes of all inlets



Subject: Contractor
Page Index: 7
Date: 10/27/2021 8:27:26 AM
Author: EPC Stormwater - Glenn Reese
Color: ■
Layer:
Space:
Page Label: 7

Discuss here or in the Water Quality section the acreage of disturbed areas that will not be captured by the PBMP (the existing pond) and which exclusions apply to these two basins and others that may be applicable. Complete a PBMP Form to further document.

Reach Road. All of the runoff is captured in the 100 year event. No outfall exists from pond W-5.
1.50 acres and 57 percent impervious is comprised of open space. Runoff from basin B4 drains to a rear lot area lake at DCP 1.
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Subject: Callout
Page Index: 7
Date: 11/24/2021 3:09:18 PM
Author: dsdrice
Color: ■
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Page Label: 7

more than 1?

in pond and outfall from pond W-5.
1.50 acres and 57 percent impervious is comprised of open space. Runoff from basin B4 drains to a rear lot area lake at DCP 1.
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Subject: Callout
Page Index: 7
Date: 11/24/2021 3:10:15 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 7

provide inlet sizes

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Subject: Callout
Page Index: 7
Date: 11/24/2021 3:11:06 PM
Author: dsdrice
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Page Label: 7

address outfall design

FROM BASIN B4 drain
s and 0 percent imp
southeast and adja
is basin have been c

Subject:
Page Index: 7
Date: 11/24/2021 3:11:25 PM
Author: dsdrice
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Page Label: 7


d 0 percent

isn have been attrib
s and 0 percent imp
the southeast into
an attributed to decis

Subject:
Page Index: 7
Date: 11/24/2021 3:11:37 PM
Author: dsdrice
Color: ■
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Space:
Page Label: 7

d 0 percent


Block 96 (Q=0.54, Q=2.24) is 7% area and 4% percent impervious...
Block 97 (Q=0.54, Q=2.24) is 7% area and 4% percent impervious...
Block 98 (Q=0.54, Q=2.24) is 7% area and 4% percent impervious...
Block 99 (Q=0.54, Q=2.24) is 7% area and 4% percent impervious...
Block 100 (Q=0.54, Q=2.24) is 7% area and 4% percent impervious...

Subject: Callout
Page Index: 7
Date: 11/24/2021 3:12:09 PM
Author: dsdrice
Color: 
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Space:
Page Label: 7

and trail/access roads

8 (1)


forms were used to determine if the overflow channel and stormwater drainage, the hydraulic sewer network. Manhole 1

Subject:
Page Index: 8
Date: 11/24/2021 3:13:15 PM
Author: dsdrice
Color: 
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Page Label: 8

overflow channel


9 (3)

Block 101 (Q=0.54, Q=2.24) is 7% area and 4% percent impervious...
Block 102 (Q=0.54, Q=2.24) is 7% area and 4% percent impervious...
Block 103 (Q=0.54, Q=2.24) is 7% area and 4% percent impervious...
Block 104 (Q=0.54, Q=2.24) is 7% area and 4% percent impervious...
Block 105 (Q=0.54, Q=2.24) is 7% area and 4% percent impervious...

Subject: Architect
Page Index: 9
Date: 10/26/2021 1:53:47 PM
Author: EPC Stormwater - Glenn Reese
Color: 
Layer:
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Page Label: 9


treating the water quality capture volume (WQCV), stabilizing drainage ways, and implementing long-term source control

ing 2) All stormwater quality and detention pond via storm...
Block 106 (Q=0.54, Q=2.24) is 7% area and 4% percent impervious...
Block 107 (Q=0.54, Q=2.24) is 7% area and 4% percent impervious...
Block 108 (Q=0.54, Q=2.24) is 7% area and 4% percent impervious...
Block 109 (Q=0.54, Q=2.24) is 7% area and 4% percent impervious...

Subject: Contractor
Page Index: 9
Date: 10/26/2021 1:54:33 PM
Author: EPC Stormwater - Glenn Reese
Color: 
Layer:
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Page Label: 9

Revise section headings and subsequent headings per ECM Section 1.7.2 BMP Selection)


Block 110 (Q=0.54, Q=2.24) is 7% area and 4% percent impervious...
Block 111 (Q=0.54, Q=2.24) is 7% area and 4% percent impervious...
Block 112 (Q=0.54, Q=2.24) is 7% area and 4% percent impervious...
Block 113 (Q=0.54, Q=2.24) is 7% area and 4% percent impervious...
Block 114 (Q=0.54, Q=2.24) is 7% area and 4% percent impervious...

Subject: Callout
Page Index: 9
Date: 11/24/2021 3:14:01 PM
Author: dsdrice
Color: 
Layer:
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Page Label: 9

See comment letter.


10 (5)

Block 115 (Q=0.54, Q=2.24) is 7% area and 4% percent impervious...
Block 116 (Q=0.54, Q=2.24) is 7% area and 4% percent impervious...
Block 117 (Q=0.54, Q=2.24) is 7% area and 4% percent impervious...
Block 118 (Q=0.54, Q=2.24) is 7% area and 4% percent impervious...
Block 119 (Q=0.54, Q=2.24) is 7% area and 4% percent impervious...

Subject: Cloud+
Page Index: 10
Date: 11/24/2021 3:16:35 PM
Author: dsdrice
Color: 
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Space:
Page Label: 10


State that these have been submitted

1993, revised March 199
"Sterling Ranch Filing 2 Fi
(not yet approved)
Urban Storm Drainage Crite
District June 2001

Subject:
Page Index: 12
Date: 11/24/2021 2:41:43 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 12


(not yet approved)

ted May 2020

Subject:
Page Index: 12
Date: 11/24/2021 2:41:45 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 12

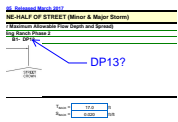
May 2020


REFERENCES
1. [California Department of Public Health \(CDPH\) - "Water Quality 101 & 102"](#)
2. [California Department of Public Health \(CDPH\) - "Water Quality 103 & 104"](#)
3. [California Department of Public Health \(CDPH\) - "Water Quality 105 & 106"](#)
4. [California Department of Public Health \(CDPH\) - "Water Quality 107 & 108"](#)
5. [California Department of Public Health \(CDPH\) - "Water Quality 109 & 110"](#)
6. [California Department of Public Health \(CDPH\) - "Water Quality 111 & 112"](#)
7. [California Department of Public Health \(CDPH\) - "Water Quality 113 & 114"](#)
8. [California Department of Public Health \(CDPH\) - "Water Quality 115 & 116"](#)
9. [California Department of Public Health \(CDPH\) - "Water Quality 117 & 118"](#)
10. [California Department of Public Health \(CDPH\) - "Water Quality 119 & 120"](#)

Subject: Callout
Page Index: 12
Date: 11/30/2021 10:31:07 AM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 12

Updated MDDP (under review)

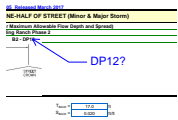
34 (1)




Subject: Callout
Page Index: 34
Date: 11/24/2021 1:54:44 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 34

DP13?

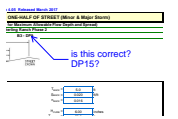
36 (1)




Subject: Callout
Page Index: 36
Date: 11/24/2021 1:53:53 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 36

DP12?

38 (1)



Subject: Callout
Page Index: 38
Date: 11/24/2021 1:56:48 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 38

is this correct? DP15?

39 (1)



are 3 units needed? Is future flow higher?

Subject: Callout
Page Index: 39
Date: 11/24/2021 1:57:31 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 39

are 3 units needed? Is future flow higher?

43 (1)



This needs to be larger or steeper based on HGL.

Subject: Callout
Page Index: 43
Date: 11/24/2021 2:17:11 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 43

This needs to be larger or steeper based on HGL.

44 (1)



these notes don't match the Diameter column.

Subject: Callout
Page Index: 44
Date: 11/24/2021 1:11:27 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 44

these notes don't match the Diameter column.

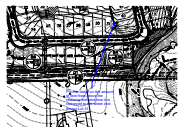
55 (1)

Provide a water quality treatment area map.

Subject: Text Box
Page Index: 55
Date: 11/24/2021 1:06:40 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 55

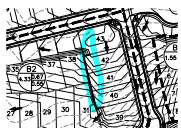
Provide a water quality treatment area map.

57 (20)



Subject: Callout
Page Index: 57
Date: 11/24/2021 12:46:26 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 57

Provide detail on the amount of flow from above the retaining wall and how it is conveyed to the street (not across Lot 31).



Subject:
Page Index: 57
Date: 11/22/2021 4:59:13 PM
Author: dsdrice
Color: ■
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Page Label: 57



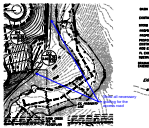
Subject: Callout
Page Index: 57
Date: 11/24/2021 12:11:44 PM
Author: dsdrice
Color: ■
Layer:
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Page Label: 57

Label the storm drains and inlets



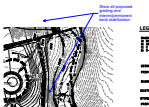
Subject: Callout
Page Index: 57
Date: 11/24/2021 12:31:51 PM
Author: dsdrice
Color: ■
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Space:
Page Label: 57

Adjust BFEs for legibility and tie the lines to the contours



Subject: Callout
Page Index: 57
Date: 11/24/2021 12:27:51 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 57

Show all necessary grading for the access road

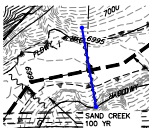


Subject: Callout
Page Index: 57
Date: 11/24/2021 12:46:04 PM
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Page Label: 57

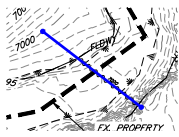
Show all proposed grading and interim/permanent bank stabilization



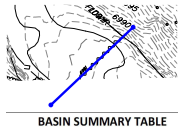
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Page Label: 57



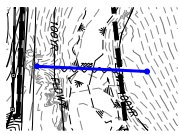
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Page Label: 57



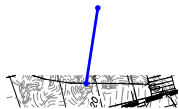
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Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 57



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Author: dsdrice
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Page Label: 57

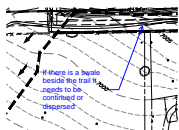


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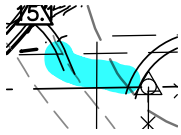
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Date: 11/24/2021 12:44:41 PM
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Color: ■
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Page Label: 57

show BFE

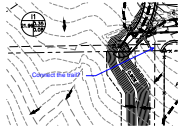


Subject: Callout
Page Index: 57
Date: 11/24/2021 2:02:05 PM
Author: dsdrice
Color: ■
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Page Label: 57

If there is a swale beside the trail it needs to be continued or dispersed

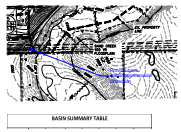


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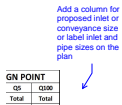
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Page Label: 57

Connect the trail?



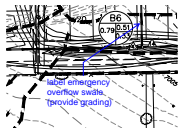
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Page Label: 57

Provide bank stabilization/erosion protection



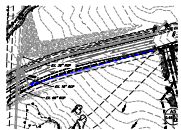
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Date: 11/24/2021 1:24:39 PM
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Color: ■
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Space:
Page Label: 57

Add a column for proposed inlet or conveyance size or label inlet and pipe sizes on the plan



Subject: Callout
Page Index: 57
Date: 11/24/2021 2:02:03 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 57

label emergency overflow swale (provide grading)



Subject: Arrow
Page Index: 57
Date: 11/24/2021 3:08:06 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 57