


ENG-SF21032-R2-FDR.pdf Markup Summary


6 (3)

ention Pond in cc
moff is piped sot

Subject:
Page Index: 6
Date: 3/22/2022 10:26:18 AM
Author: dsdrice
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f is piped

Sheet flow? sheet flows?

Subject: Callout
Page Index: 6
Date: 3/22/2022 10:26:55 AM
Author: dsdrice
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Page Label: 6

sheet flows?


15'

Subject: Callout
Page Index: 6
Date: 3/22/2022 10:31:52 AM
Author: dsdrice
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Page Label: 6

15'


7 (10)

family residential lot and open space. Runoff from this basin drains to a
Basin B1 (0.41 ac, Q₁₀=2.2 cfs) is 0.78 acres and 18 percent impervious
Basin B1C1 (0.41 ac, Q₁₀=2.2 cfs) is 0.77 acres and 11.6 percent impervious
Basin B2 (0.25 ac, Q₁₀=1.4 cfs) is 0.52 acres and 7.8 percent impervious
Basin B3 (0.41 ac, Q₁₀=2.2 cfs) is 0.78 acres and 18 percent impervious
Basin B4 (0.41 ac, Q₁₀=2.2 cfs) is 0.77 acres and 11.6 percent impervious
Basin B5 (0.41 ac, Q₁₀=2.2 cfs) is 0.78 acres and 18 percent impervious

Subject: SW - Highlight
Page Index: 7
Date: 3/21/2022 5:47:04 PM
Author: Glenn Reese - EPC Stormwater
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The runoff is not treated and drains directly into Sand Creek

Basin B1C1 (0.41 ac, Q₁₀=2.2 cfs) is 0.77 acres and 11.6 percent impervious
Basin B2 (0.25 ac, Q₁₀=1.4 cfs) is 0.52 acres and 7.8 percent impervious
Basin B3 (0.41 ac, Q₁₀=2.2 cfs) is 0.78 acres and 18 percent impervious
Basin B4 (0.41 ac, Q₁₀=2.2 cfs) is 0.77 acres and 11.6 percent impervious
Basin B5 (0.41 ac, Q₁₀=2.2 cfs) is 0.78 acres and 18 percent impervious

Subject: SW - Highlight
Page Index: 7
Date: 3/21/2022 5:47:08 PM
Author: Glenn Reese - EPC Stormwater
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Page Label: 7

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Basin B1 (0.41 ac, Q₁₀=2.2 cfs) is 0.78 acres and 18 percent impervious
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Basin B2 (0.25 ac, Q₁₀=1.4 cfs) is 0.52 acres and 7.8 percent impervious
Basin B3 (0.41 ac, Q₁₀=2.2 cfs) is 0.78 acres and 18 percent impervious
Basin B4 (0.41 ac, Q₁₀=2.2 cfs) is 0.77 acres and 11.6 percent impervious
Basin B5 (0.41 ac, Q₁₀=2.2 cfs) is 0.78 acres and 18 percent impervious

Subject: SW - Textbox with Arrow
Page Index: 7
Date: 3/21/2022 5:47:14 PM
Author: Glenn Reese - EPC Stormwater
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These statements alone are insufficient. The cumulative untreated area is >1ac, which is not allowed unless WQ exclusions area applied. So discuss the applicable WQ exclusions per

Possible exclusions include: ECM App I.7.1.C.1 (20% up to 1ac of development can be excluded) and those exclusions listed in ECM App I.7.1.B.#.

Recent impervious is comprised of open type R on grade inlet located at design captured in the 100 year event. Runoff west of
Recent impervious is comprised of single drains to a rear lot type C area inlet

Subject: Callout west of
Page Index: 7
Date: 3/22/2022 10:32:51 AM
Author: dsdrice
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ed at de

Subject: at
Page Index: 7
Date: 3/22/2022 10:32:56 AM
Author: dsdrice
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alk. Runoff from basin B3 drains along Sterling Ranch Road. All of the inlet is piped and outfalls into pot 1.59?
2.2cfs, $Q_{100}=5.1$ (cfs) is 1.35 acre of lots and open space. Runoff from DP 10.

Subject: Callout 1.59?
Page Index: 7
Date: 3/22/2022 10:33:46 AM
Author: dsdrice
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Page Label: 7

to a rear

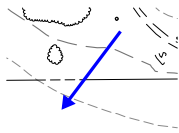
Subject: a
Page Index: 7
Date: 3/22/2022 10:35:33 AM
Author: dsdrice
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55 acres and 57 percent impervious runoff from basin B4 drains to a rear lot 4?
45 acres and 51 percent impervious runoff from basin B4 drains to a rear lot

Subject: Callout 4?
Page Index: 7
Date: 3/23/2022 8:12:12 AM
Author: dsdrice
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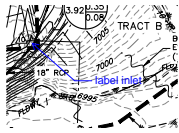
drainage channel where it is conveyed to an existing drainage basin sheet flows to the south and east into an existing storm drain provided from the Sterling Ranch 42"

Subject: Callout 42"
Page Index: 7
Date: 3/22/2022 10:41:13 AM
Author: dsdrice
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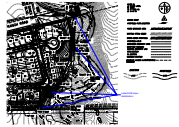
Subject: Arrow
 Page Index: 56
 Date: 3/22/2022 10:27:39 AM
 Author: dsdrice
 Color: ■
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 Page Label: 56

57 (2)



Subject: Callout
 Page Index: 57
 Date: 3/22/2022 2:24:06 PM
 Author: dsdrice
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 Page Label: 57

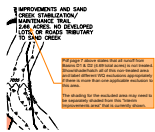
label inlet



Subject: Callout
 Page Index: 57
 Date: 3/22/2022 3:13:12 PM
 Author: dsdrice
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 Page Label: 57

Label ECB slope stabilization

58 (1)



Subject: SW - Textbox with Arrow
 Page Index: 58
 Date: 3/21/2022 5:52:20 PM
 Author: Glenn Reese - EPC Stormwater
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Pdf page 7 above states that all runoff from Basins D1 & D2 (4.69 total acres) is not treated. Show/shade/hatch all of this non-treated area and label different WQ exclusions appropriately if there is more than one applicable exclusion to this area.

The shading for the excluded area may need to be separately shaded from this "Interim Improvements area" that is currently shown.