ENG-SF18027-2024R1 - FDR.pdf Markup Summary

1 (3)		
See comment letter also. F	Subject: Text Box Page Index: 1 Date: 3/26/2024 4:44:15 PM Author: Jeff Rice - EPC Engineering Review Color: Layer: Space: Page Label: 1	See comment letter also.
	Subject: PCD Comment Legend Page Index: 1 Date: 3/26/2024 4:44:12 PM Author: Jeff Rice - EPC Engineering Review Color: Layer: Space: Page Label: 1	
(1994 Casage-ket Sufe 2001 Colored Sprit	Subject: Stamp - Stormwater Comment Legend Page Index: 1 Date: 3/27/2024 9:19:41 AM Author: Mikayla Hartford Color: Layer: Space: Page Label: 1	
5 (1)		
consists of a 5.5 Ac. off-site basin fi sheet, flows on-site into Basin EX-1. and swale consists of a 9.6 Ac. off-site basin aj that sheet flows on-site into Basin	Subject: Callout Page Index: 5 Date: 3/26/2024 3:18:09 PM Author: Jeff Rice - EPC Engineering Review Color: Layer: Space: Page Label: 4	and swale
7 (1)		
	Subject: Callout Page Index: 7 Date: 3/26/2024 3:25:28 PM Author: Jeff Rice - EPC Engineering Review Color: Layer: Space: Page Label: 6	district-maintained

8 (2)

5 (2)		
and on the first sector software of the large of a the answer of the sector of the	Subject: Callout Page Index: 8 Date: 3/26/2024 3:27:33 PM Author: Jeff Rice - EPC Engineering Review Color: Layer: Space: Page Label: 7	add a name label to match the drainage plan
Add represents decompared frame time decision 2113-154, for eff decompared and one is a matterial of decision based to decision proved and employees and employees of the former and the decision of the second second second second second second decision of the second second second second second second decision of the second second second second second decision of the second second second second second second second presents the second second second second second second second decision of the second second second second second second second decision of the second second second second second second second decision of the second second second second second second second decision of the second second second second second second second decision of the second second second second second second second decision of the second second second second second second second decision of the second second second second second second second second decision of the second second second second second second second decision of the second second second second second second second second second second decision of the second s	Subject: Callout Page Index: 8 Date: 3/26/2024 3:28:30 PM Author: Jeff Rice - EPC Engineering Review Color: Layer: Space: Page Label: 7	district-maintained
9 (4)		
Nat, "day and provide the set of a state of the set	Subject: Callout Page Index: 9 Date: 3/26/2024 3:33:18 PM Author: Jeff Rice - EPC Engineering Review Color: Layer: Space: Page Label: 8	Add that any overflows from Pond 4 will pass through this design point and some of this flow may be intercepted through the inlet.
s within the public Right of Arroya Lane	Subject: Callout Page Index: 9 Date: 3/26/2024 3:35:35 PM Author: Jeff Rice - EPC Engineering Review Color: Layer: Space: Page Label: 8	Arroya Lane
neuron has then of denomenon of the property. The property of the index the stress spectra of the stress stress stress spectra of the stress	Subject: Callout Page Index: 9 Date: 3/26/2024 3:37:04 PM Author: Jeff Rice - EPC Engineering Review Color: Layer: Space: Page Label: 8	Address detailed design of the detention / WQ facilities.
an integration of a second rule to train get if the graded 2000 factorian set to the second second seco	Subject: SW - Textbox Page Index: 9 Date: 3/27/2024 11:56:56 AM Author: Mikayla Hartford Color: Layer: Space: Page Label: 8	Include a cost estimate for each PBMP with line items for all components (ex: riprap, road base, forebay, trickle channel, outlet structure, outlet pipe, spillway, etc). Input the total value into the FAE form under "Permanent Pond/BMP (provide engineer's estimate)" in Section 1. The total should not include grading, which is a separate line item in Section 1: "Earthwork." The cost estimate should include labor costs (as a separate line item or added into the cost of each component).

11 (4)

where there are upon. These obtained the main the induced of presents the local of prese	Subject: Callout Page Index: 11 Date: 3/26/2024 3:39:11 PM Author: Jeff Rice - EPC Engineering Review Color: Layer: Space: Page Label: 10	Address specific stabilization of onsite ditches and channels
t (constructed with Filing 3) and proposed Ful Basin designed per current El Paso Count tion Calchateons in Appendix for the areas t is El Paso County standards: Pond 4 I Commercial BMPs: No industrial or comm ment. However, a site-specific storm water	Subject: Callout Page Index: 11 Date: 3/26/2024 3:39:45 PM Author: Jeff Rice - EPC Engineering Review Color: Layer: Space: Page Label: 10	Pond 4
genome forming. We not advance The sector of the induction of the sector of the sector of the sector of the sector of the energy are an energy induced as a sector of the sector of t	Subject: SW - Highlight Page Index: 11 Date: 3/27/2024 11:53:01 AM Author: Mikayla Hartford Color: Layer: Space: Page Label: 10	(EURV) in the existing Rain Garden (constructed with Filing 3)
 In statistical production of the statistical productistical production of the statistical production of the stati	Subject: SW - Textbox with Arrow Page Index: 11 Date: 3/27/2024 11:54:39 AM Author: Mikayla Hartford Color: Layer: Space: Page Label: 10	Confirm in the text that the existing Rain Garden was design to accept the flows from Filing 4 that contribute to it and that the Rain Garden is functioning as intended. Provide the project number for Filing 3.
12 (1)	Subject Collant	
rement not? re are focated within a floodplain ap Number 08041C 0535G with e	Subject: Callout Page Index: 12 Date: 3/26/2024 3:40:10 PM Author: Jeff Rice - EPC Engineering Review Color: Layer: Space: Page Label: 11	not?
13 (2)		
⊦ees) es)	Subject: Highlight Page Index: 13 Date: 3/26/2024 3:45:58 PM Author: Jeff Rice - EPC Engineering Review Color: Layer: Layer: Space: Page Label: 12	

Subject: Highlight Page Index: 13 Date: 3/26/2024 3:47:36 PM Author: Jeff Rice - EPC Engineering Review Color: 📕 Layer: Space: Page Label: 12

41 (2)

2 8 3

Subject: SW - Highlight Page Index: 41 Date: 3/27/2024 12:01:07 PM Author: Mikayla Hartford Color: Laver: Space: Page Label: 41

39

Subject: SW - Textbox with Arrow Page Index: 41 Date: 3/27/2024 12:02:49 PM Author: Mikayla Hartford Color: Layer: Space: Page Label: 41

In the Filing 3 drainage report OS-4 which corresponds with DP-6 is listed as having flows of 2 and 6 cfs. Discuss discrepancies between original calculations and proposed results and verify the rain garden can still accept all flows from filing 4.

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65 (6)

Subject: Text Box Page Index: 65 Date: 3/26/2024 4:52:24 PM Author: Jeff Rice - EPC Engineering Review Color: Layer: Space: Page Label: 65

Provide headwater calculations for the area inlets.

Provide ditch and channel flow calculations for the proposed ditches and diversion.

Provide approved calcs for existing rain garden in the stormaster quality calculations as well.

Subject: SW - Textbox with Arrow Page Index: 65 Date: 3/27/2024 9:55:06 AM Author: Mikayla Hartford Color: Layer: Space: Page Label: 65

Provide ECB/TRM specifications.

Determine if permanent check dams are necessary in these ditches. El Paso County does not prefer to accept and maintain permanent check dams because they can become a maintenance issue.

Provide approved calcs for existing rain garden in the stormwater quality calculations as well

Subject: SW - Textbox Page Index: 65 Date: 3/27/2024 12:07:13 PM Author: Mikayla Hartford Color: Layer: Space: Page Label: 65

Patholic Toy of a test annual set of a set of the set o	Subject: SW - Textbox Page Index: 65 Date: 3/27/2024 12:47:51 PM Author: Mikayla Hartford Color: Layer: Space: Page Label: 65	Per DCMv2 – Chap 4.2, trickle channel should at a minimum provide capacity equal to twice the release capacity at the upstream forebay outlet. Provide these calcs in the drainage report and revise plans as needed.
Provide spillway romp slong cales STORI	Subject: SW - Textbox Page Index: 65 Date: 3/27/2024 1:15:15 PM Author: Mikayla Hartford Color: Layer: Space: Page Label: 65	Provide spillway riprap sizing calcs
(Discuss with Staff)	Subject: Text Box Page Index: 65 Date: 3/27/2024 5:55:53 PM Author: Jeff Rice - EPC Engineering Review Color: Layer: Space: Page Label: 65	(Discuss with Staff)
66 (1)		
Deep Founder from Standard Sta	Subject: Callout Page Index: 66 Date: 3/26/2024 3:51:50 PM	Pond 4?

Subject: Callout Page Index: 66 Date: 3/26/2024 3:51:50 PM Author: Jeff Rice - EPC Engineering Review Color: Layer: Space: Page Label: 66

71 (20)

Subject: SW - Textbox with Arrow Page Index: 71 Date: 3/27/2024 2:10:29 PM Author: Mikayla Hartford Color: ■ Layer: Space: Page Label: 71

Where do the optional override values come from?

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3.00 36.00 21.00	Subject: Checkmark Page Index: 71 Date: 3/27/2024 12:58:41 PM
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Not Not 3.50 9.00 4.00 4.00	Subject: Checkmark Page Index: 71 Date: 3/27/2024 1:07:38 PM Author: Mikayla Hartford Color: Layer: Space: Page Label: 71
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