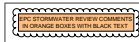


ENG-PUDSP22001-R1-GEC.pdf Markup Summary

1 (4)



Subject: Stamp - Stormwater Comment Legend
Page Index: 1
Date: 3/10/2022 1:40:31 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: 1



Subject: SW - Textbox with Arrow
Page Index: 1
Date: 3/10/2022 1:42:46 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: 1

PUDSP221

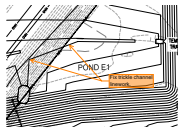


Subject: EPC ENG Review
Page Index: 1
Date: 3/30/2022 8:50:54 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 1



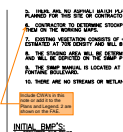
Subject: PCD Comment Legend
Page Index: 1
Date: 3/30/2022 8:50:51 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 1

4 (6)



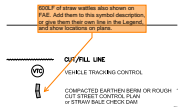
Subject: SW - Textbox with Arrow
Page Index: 4
Date: 3/14/2022 6:07:16 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: 4

Fix trickle channel linework.



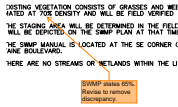
Subject: SW - Textbox with Arrow
Page Index: 4
Date: 3/10/2022 1:40:40 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: 4

Include CWA's in this note or add it to the Plans and Legend. 2 are shown on the FAE.



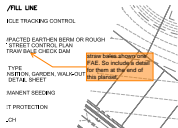
Subject: SW - Textbox with Arrow
Page Index: 4
Date: 3/10/2022 5:46:00 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: 4

600LF of straw wattles also shown on FAE. Add them to this symbol description, or give them their own line in the Legend, and show locations on plans.



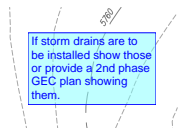
Subject: SW - Textbox with Arrow
Page Index: 4
Date: 3/10/2022 2:22:34 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: 4

SWMP states 65%. Revise to remove discrepancy.



Subject: SW - Textbox with Arrow
Page Index: 4
Date: 3/10/2022 5:47:07 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: 4

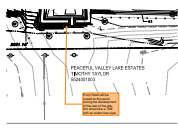
straw bales shown one FAE. So include a detail for them at the end of this planset.



Subject: Text Box
Page Index: 4
Date: 3/30/2022 8:50:06 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 4

If storm drains are to be installed show those or provide a 2nd phase GEC plan showing them.

8 (2)



Subject: SW - Textbox with Arrow
Page Index: 8
Date: 3/10/2022 5:51:44 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: 8

If any flows will be routed to this pond during the development of the rest of the site, this should be a TSB with an outlet riser pipe.



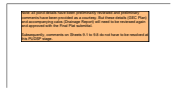
Subject: Text Box
Page Index: 8
Date: 3/30/2022 8:49:00 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 8

Please add legend to sheets where it will fit.



Subject: SW - Textbox with Arrow
Page Index: 9
Date: 3/14/2022 6:09:18 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: 9

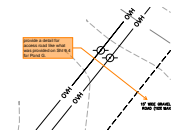
show emergency spillway and accompanying details.



Subject: SW - Textbox
Page Index: 9
Date: 3/14/2022 7:24:30 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: 9

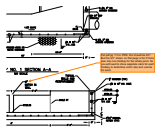
Note: all pond details have been preliminarily reviewed and preliminary comments have been provided as a courtesy. But these details (GEC Plan) and accompanying calcs (Drainage Report) will need to be reviewed again and approved with the Final Plat submittal.

Subsequently, comments on Sheets 9.1 to 9.8 do not have to be resolved at this PUDSP stage.



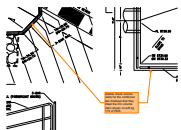
Subject: SW - Textbox with Arrow
Page Index: 9
Date: 3/14/2022 6:09:15 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: 9

provide a detail for access road like what was provided on Sht 9.4 for Pond G.



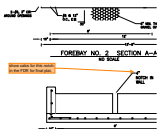
Subject: SW - Textbox with Arrow
Page Index: 10
Date: 3/14/2022 6:09:48 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: 10

Per pdf pg 113 in PDR, this should be 9.5". But the 9.5" shown on that page is for if there was only one forebay for the whole pond. So you will need to show separate calcs for each forebay to determine notch size and volume for each.



Subject: SW - Textbox with Arrow
Page Index: 10
Date: 3/14/2022 1:03:27 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: 10

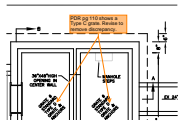
double check volume calcs for the combined two forebays that they meet the min volume req's shown on pdf pg 113 of PDR.



Subject: SW - Textbox with Arrow
Page Index: 10
Date: 3/14/2022 1:05:32 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: 10

show calcs for this notch in the FDR for final plat.

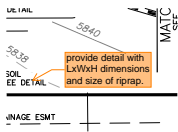
11 (1)



Subject: SW - Textbox with Arrow
Page Index: 11
Date: 3/14/2022 6:10:03 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: 11

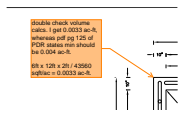
PDR pg 110 shows a Type C grate. Revise to remove discrepancy.

12 (4)



Subject: SW - Textbox with Arrow
Page Index: 12
Date: 3/14/2022 6:10:21 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: 12

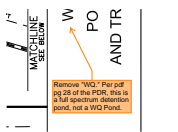
provide detail with LxWxH dimensions and size of riprap.



Subject: SW - Textbox with Arrow
Page Index: 12
Date: 3/14/2022 3:08:22 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: 12

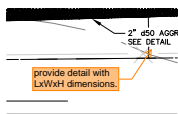
double check volume calcs. I get 0.0033 ac-ft, whereas pdf pg 125 of PDR states min should be 0.004 ac-ft.

6ft x 12ft x 2ft / 43560 sqft/ac = 0.0033 ac-ft.



Subject: SW - Textbox with Arrow
Page Index: 12
Date: 3/14/2022 7:04:20 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: 12

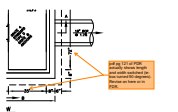
Remove "WQ." Per pdf pg 28 of the PDR, this is a full spectrum detention pond, not a WQ Pond.



Subject: SW - Textbox with Arrow
Page Index: 12
Date: 3/14/2022 7:12:26 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: 12

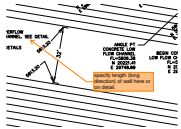
provide detail with LxWxH dimensions.

13 (1)



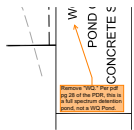
Subject: SW - Textbox with Arrow
Page Index: 13
Date: 3/14/2022 1:21:05 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: 13

pdf pg 121 of PDR actually shows length and width switched (ie: box turned 90 degrees). Revise on here or in FDR.



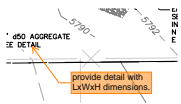
Subject: SW - Textbox with Arrow
Page Index: 14
Date: 3/14/2022 3:12:27 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: 14

specify length (long direction) of wall here or on detail.



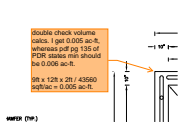
Subject: SW - Textbox with Arrow
Page Index: 14
Date: 3/14/2022 7:04:35 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: 14

Remove "WQ." Per pdf pg 28 of the PDR, this is a full spectrum detention pond, not a WQ Pond.



Subject: SW - Textbox with Arrow
Page Index: 14
Date: 3/14/2022 7:12:40 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: 14

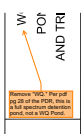
provide detail with LxWxH dimensions.



Subject: SW - Textbox with Arrow
Page Index: 15
Date: 3/14/2022 3:06:47 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: 15

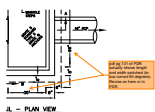
double check volume calcs. I get 0.005 ac-ft, whereas pdf pg 135 of PDR states min should be 0.006 ac-ft.

9ft x 12ft x 2ft / 43560 sqft/ac = 0.005 ac-ft.



Subject: SW - Textbox with Arrow
Page Index: 15
Date: 3/14/2022 7:04:38 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: 15

Remove "WQ." Per pdf pg 28 of the PDR, this is a full spectrum detention pond, not a WQ Pond.



Subject: SW - Textbox with Arrow
Page Index: 16
Date: 3/14/2022 3:01:51 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: 16

pdf pg 131 of PDR actually shows length and width switched (ie: box turned 90 degrees). Revise on here or in FDR.