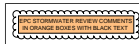
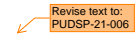


# ENG-PUDSP21006-R2-GEC.pdf Markup Summary

1 (2)



**Subject:** Stormwater Comment Legend  
**Page Index:** 1  
**Date:** 9/8/2021 3:03:32 PM  
**Author:** EPC Stormwater - Glenn Reese  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 1

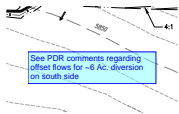


' 21-006

**Subject:** SW - Comment  
**Page Index:** 1  
**Date:** 9/8/2021 3:04:17 PM  
**Author:** EPC Stormwater - Glenn Reese  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 1

Revise text to:  
PUDSP-21-006

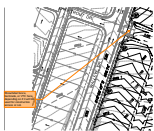
5 (1)



**Subject:** Text Box  
**Page Index:** 5  
**Date:** 9/19/2021 2:56:42 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 5

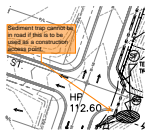
See PDR comments regarding offset flows for ~6  
Ac. diversion on south side

6 (2)



**Subject:** SW - Comment  
**Page Index:** 6  
**Date:** 9/8/2021 1:36:02 PM  
**Author:** EPC Stormwater - Glenn Reese  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 6

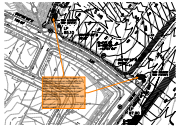
Show/label fence, barricade, or VTC here,  
depending on if it will be used for construction  
access or not.



**Subject:** Contractor  
**Page Index:** 6  
**Date:** 9/8/2021 1:36:02 PM  
**Author:** EPC Stormwater - Glenn Reese  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 6

Sediment trap cannot be in road if this is to be  
used as a construction access point.

10 (1)

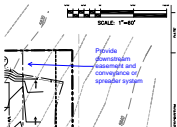


**Subject:** SW - Comment  
**Page Index:** 10  
**Date:** 9/8/2021 1:36:12 PM  
**Author:** EPC Stormwater - Glenn Reese  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 10

Unresolved comment from Review #1:  
Sediment traps are not sufficient for this application. According to MHFD Detail SC-8, they are for disturbed tributary areas <1ac. For >1ac, a sediment basin is more appropriate or add more traps upstream. Calculate and show approx tributary area. The one to the right has >5ac trib to it.

And sediment traps should not block site access roads.

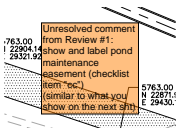
12 (1)



**Subject:** Callout  
**Page Index:** 12  
**Date:** 9/19/2021 2:55:24 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 12

Provide downstream easement and conveyance or spreader system

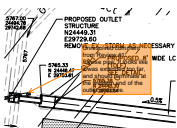
14 (1)



**Subject:** SW - Text Box  
**Page Index:** 14  
**Date:** 9/8/2021 1:36:24 PM  
**Author:** EPC Stormwater - Glenn Reese  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 14

Unresolved comment from Review #1:  
show and label pond maintenance easement (checklist item "cc")  
(similar to what you show on the next sht)

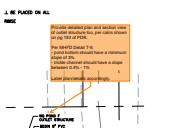
15 (1)



**Subject:** SW - Comment  
**Page Index:** 15  
**Date:** 9/8/2021 1:36:44 PM  
**Author:** EPC Stormwater - Glenn Reese  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 15

Unresolved comment from Review #1:  
Revise pipe. It looks like it was extended too far, and should terminate at the western end of the outlet structure.

16 (4)

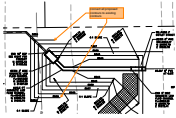


**Subject:** Contractor  
**Page Index:** 16  
**Date:** 9/8/2021 1:36:53 PM  
**Author:** EPC Stormwater - Glenn Reese  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 16

Provide detailed plan and section view of outlet structure too, per calcs shown on pg 193 of PDR.

Per MHFD Detail T-5:  
- pond bottom should have a minimum slope of 3%.  
- trickle channel should have a slope between 0.4% - 1%

Label plan/details accordingly.



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**Subject:** Contractor  
**Page Index:** 16  
**Date:** 9/8/2021 1:36:53 PM  
**Author:** EPC Stormwater - Glenn Reese  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 16

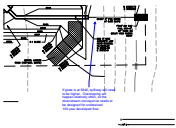
connect all proposed contours to existing contours



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**Subject:** Contractor  
**Page Index:** 16  
**Date:** 9/8/2021 3:19:07 PM  
**Author:** EPC Stormwater - Glenn Reese  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 16

show an emergency spillway.



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**Subject:** Callout  
**Page Index:** 16  
**Date:** 9/19/2021 2:53:36 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 16

If grate is at 5846, spillway will need to be higher. Overtopping will happen relatively often, so the downstream conveyance needs to be designed for undetained 100-year developed flow.