



# ENG-SF22013-R1-GEC.pdf Markup Summary

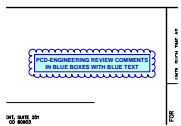
1 (4)




**Subject:** Stamp - Stormwater Comment Legend  
**Page Index:** 1  
**Date:** 5/12/2022 1:05:52 PM  
**Author:** Glenn Reese - EPC Stormwater  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** [1] 1 CV\_01- Grading - CV01




**Subject:** EPC ENG Review  
**Page Index:** 1  
**Date:** 5/16/2022 10:33:53 AM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** [1] 1 CV\_01- Grading - CV01



**Subject:** PCD Comment Legend  
**Page Index:** 1  
**Date:** 5/16/2022 10:33:51 AM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** [1] 1 CV\_01- Grading - CV01

See comment letter also.


SUITE 201  
DRAFT

**Subject:** Text Box  
**Page Index:** 1  
**Date:** 5/16/2022 10:34:09 AM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** [1] 1 CV\_01- Grading - CV01


See comment letter also.

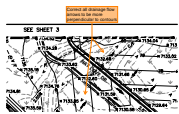
2 (11)



**Subject:** Polygon  
**Page Index:** 2  
**Date:** 5/11/2022 6:15:05 PM  
**Author:** Glenn Reese - EPC Stormwater  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** [2] 2 GR\_01 - GR01

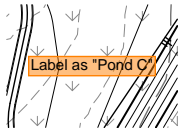


**Subject:** Polygon  
**Page Index:** 2  
**Date:** 5/11/2022 6:15:15 PM  
**Author:** Glenn Reese - EPC Stormwater  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** [2] 2 GR\_01 - GR01



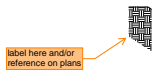
**Subject:** SW - Textbox with Arrow  
**Page Index:** 2  
**Date:** 5/11/2022 6:17:18 PM  
**Author:** Glenn Reese - EPC Stormwater  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [2] 2 GR\_01 - GR01

Correct all drainage flow arrows to be more perpendicular to contours



**Subject:** SW - Textbox with Arrow  
**Page Index:** 2  
**Date:** 5/12/2022 10:48:49 AM  
**Author:** Glenn Reese - EPC Stormwater  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [2] 2 GR\_01 - GR01

Label as "Pond C"



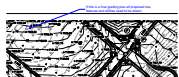
**Subject:** SW - Textbox with Arrow  
**Page Index:** 2  
**Date:** 5/12/2022 1:41:40 PM  
**Author:** Glenn Reese - EPC Stormwater  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [2] 2 GR\_01 - GR01

label here and/or reference on plans



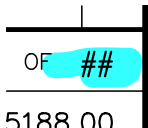
**Subject:** SW - Textbox with Arrow  
**Page Index:** 2  
**Date:** 5/12/2022 1:41:59 PM  
**Author:** Glenn Reese - EPC Stormwater  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [2] 2 GR\_01 - GR01

show spillway that is shown on CD's

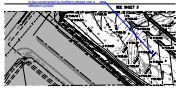



**Subject:** Callout  
**Page Index:** 2  
**Date:** 5/16/2022 9:26:12 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [2] 2 GR\_01 - GR01

If this is a final grading plan all proposed lots, features and utilities need to be shown

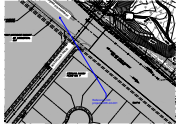



**Subject:**  
**Page Index:** 2  
**Date:** 5/16/2022 9:26:34 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [2] 2 GR\_01 - GR01



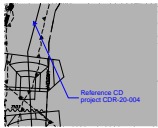
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**Page Index:** 2  
**Date:** 5/16/2022 10:33:14 AM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** [2] 2 GR\_01 - GR01


If the arrows are intended for lot line swales to be constructed by builders please use a different symbol.



**Subject:** Callout  
**Page Index:** 2  
**Date:** 5/20/2022 9:00:56 AM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** [2] 2 GR\_01 - GR01

Reference CD project CDR-22-001




**Subject:** Callout  
**Page Index:** 2  
**Date:** 5/20/2022 9:01:46 AM  
**Author:** dsdrice  
**Color:**   
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**Space:**  
**Page Label:** [2] 2 GR\_01 - GR01

Reference CD project CDR-20-004

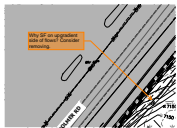
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3 (9)



**Subject:** SW - Textbox with Arrow  
**Page Index:** 3  
**Date:** 5/11/2022 6:17:31 PM  
**Author:** Glenn Reese - EPC Stormwater  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** [3] 3 GR\_01 - GR02


Correct all drainage flow arrows to be more perpendicular to contours



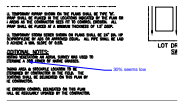
**Subject:** SW - Textbox with Arrow  
**Page Index:** 3  
**Date:** 5/11/2022 6:19:04 PM  
**Author:** Glenn Reese - EPC Stormwater  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** [3] 3 GR\_01 - GR02


Why SF on upgradient side of flows? Consider removing.



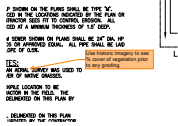
**Subject:** SW - Textbox with Arrow  
**Page Index:** 3  
**Date:** 5/12/2022 1:42:11 PM  
**Author:** Glenn Reese - EPC Stormwater  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** [3] 3 GR\_01 - GR02


label here and/or reference on plans



**Subject:** Callout  
**Page Index:** 3  
**Date:** 5/16/2022 9:24:28 AM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** [3] 3 GR\_01 - GR02


30% seems low



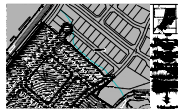
**Subject:** SW - Textbox with Arrow  
**Page Index:** 3  
**Date:** 5/16/2022 10:24:15 AM  
**Author:** Glenn Reese - EPC Stormwater  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** [3] 3 GR\_01 - GR02


Use historic imagery to see % cover of vegetation prior to any grading.



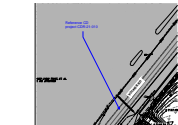
**Subject:** Callout  
**Page Index:** 3  
**Date:** 5/16/2022 3:21:16 PM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** [3] 3 GR\_01 - GR02


Show existing diversion channel



**Subject:**  
**Page Index:** 3  
**Date:** 5/16/2022 3:21:05 PM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** [3] 3 GR\_01 - GR02


Reference CD project CDR-21-010

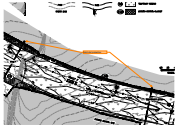


**Subject:** Callout  
**Page Index:** 3  
**Date:** 5/20/2022 9:02:20 AM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** [3] 3 GR\_01 - GR02

Reference EGP project SP-20-008

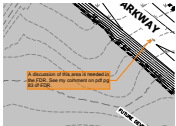


**Subject:** Callout  
**Page Index:** 3  
**Date:** 5/20/2022 9:03:07 AM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** [3] 3 GR\_01 - GR02



**Subject:** SW - Textbox with Arrow  
**Page Index:** 4  
**Date:** 5/11/2022 10:42:46 AM  
**Author:** Glenn Reese - EPC Stormwater  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [4] 4 GR\_02 SRR and BGP - GESC (1)

Add inlet protection



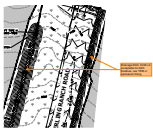
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**Page Index:** 4  
**Date:** 5/16/2022 10:50:56 AM  
**Author:** Glenn Reese - EPC Stormwater  
**Color:** ■  
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**Page Label:** [4] 4 GR\_02 SRR and BGP - GESC (1)

A discussion of this area is needed in the FDR.  
 See my comment on pdf pg 83 of FDR.



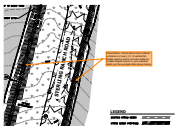
**Subject:** SW - Textbox with Arrow  
**Page Index:** 4  
**Date:** 5/16/2022 10:26:25 AM  
**Author:** Glenn Reese - EPC Stormwater  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [4] 4 GR\_02 SRR and BGP - GESC (1)

This SF2213 is a Final Plat submittal, so show asphalt, curb & gutter, utilities, etc.



**Subject:** SW - Textbox with Arrow  
**Page Index:** 5  
**Date:** 5/12/2022 10:33:31 AM  
**Author:** Glenn Reese - EPC Stormwater  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [5] 5 GR\_02 SRR and BGP - GESC (2)

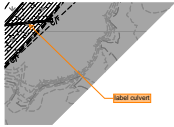
Drainage Ditch: ECB not acceptable for ditch flowlines, use TRM or permanent lining.



**Subject:** SW - Textbox with Arrow  
**Page Index:** 5  
**Date:** 5/12/2022 10:35:34 AM  
**Author:** Glenn Reese - EPC Stormwater  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [5] 5 GR\_02 SRR and BGP - GESC (2)

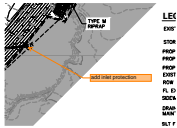
Check Dams: Check dams to be installed a minimum of every 1.5' of vertical fall. Notate spacing and/or include a table for multiple slopes, based on your selected detail, per the example table shown below.

**Subject:** Image  
**Page Index:** 5  
**Date:** 5/12/2022 10:35:47 AM  
**Author:** Glenn Reese - EPC Stormwater  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [5] 5 GR\_02 SRR and BGP - GESC (2)



**Subject:** SW - Textbox with Arrow  
**Page Index:** 6  
**Date:** 5/11/2022 10:41:16 AM  
**Author:** Glenn Reese - EPC Stormwater  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [6] 6 GR\_02 SRR and BGP - GESC (3)

label culvert



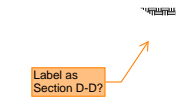
**Subject:** SW - Textbox with Arrow  
**Page Index:** 6  
**Date:** 5/11/2022 10:41:29 AM  
**Author:** Glenn Reese - EPC Stormwater  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [6] 6 GR\_02 SRR and BGP - GESC (3)

add inlet protection



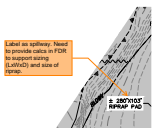
**Subject:** SW - Textbox with Arrow  
**Page Index:** 6  
**Date:** 5/11/2022 10:42:18 AM  
**Author:** Glenn Reese - EPC Stormwater  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [6] 6 GR\_02 SRR and BGP - GESC (3)

add sheet #'s to matchlines. Typical comment, all sheets.



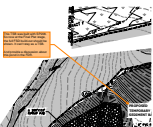
**Subject:** SW - Textbox with Arrow  
**Page Index:** 6  
**Date:** 5/12/2022 1:42:37 PM  
**Author:** Glenn Reese - EPC Stormwater  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [6] 6 GR\_02 SRR and BGP - GESC (3)

Label as Section D-D?



**Subject:** SW - Textbox with Arrow  
**Page Index:** 7  
**Date:** 5/16/2022 10:51:14 AM  
**Author:** Glenn Reese - EPC Stormwater  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [7] 7 GR\_02 SRR and BGP - GESC (4)

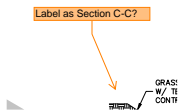
Label as spillway. Need to provide calcs in FDR to support sizing (LxWxD) and size of riprap.



**Subject:** SW - Textbox with Arrow  
**Page Index:** 7  
**Date:** 5/16/2022 10:52:15 AM  
**Author:** Glenn Reese - EPC Stormwater  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [7] 7 GR\_02 SRR and BGP - GESC (4)

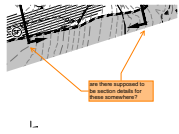
This TSB was built with SP208. So now at the Final Plat stage, the full FSD build-out should be shown. It can't stay as a TSB.

And provide a discussion about this pond in the FDR.



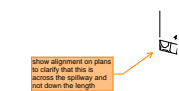
**Subject:** SW - Textbox with Arrow  
**Page Index:** 7  
**Date:** 5/12/2022 1:43:02 PM  
**Author:** Glenn Reese - EPC Stormwater  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [7] 7 GR\_02 SRR and BGP - GESG (4)

Label as Section C-C?



**Subject:** SW - Textbox with Arrow  
**Page Index:** 7  
**Date:** 5/12/2022 1:43:23 PM  
**Author:** Glenn Reese - EPC Stormwater  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [7] 7 GR\_02 SRR and BGP - GESG (4)

are there supposed to be section details for these somewhere?



**Subject:** SW - Textbox with Arrow  
**Page Index:** 7  
**Date:** 5/12/2022 1:43:59 PM  
**Author:** Glenn Reese - EPC Stormwater  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [7] 7 GR\_02 SRR and BGP - GESG (4)

show alignment on plans to clarify that this is across the spillway and not down the length