

ENG-SF22023-R1-GEC.pdf Markup Summary

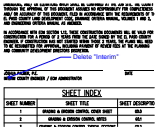
1 (7)

DSP-20-005 (FALCON MEADOWS AT BENT
-22-XXX (FALCON MEADOWS AT BENT GRP

023

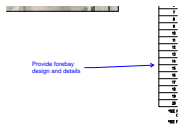
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Page Index: 1
Date: 8/19/2022 1:23:13 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: [1] 1 GRADING & EROSION CONTROL COVER SHEET

023



Subject: Callout
Page Index: 1
Date: 8/19/2022 1:24:53 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: [1] 1 GRADING & EROSION CONTROL COVER SHEET

Delete "Interim"



Subject: Callout
Page Index: 1
Date: 8/19/2022 1:40:10 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: [1] 1 GRADING & EROSION CONTROL COVER SHEET


Provide forebay design and details

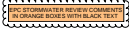
Engineering Review
08/19/2022 2:51:35 PM
dsdrice
JustRice@delaware.com
(719) 520-7877
EPC Planning & Community
Development Department


Subject: EPC ENG Review
Page Index: 1
Date: 8/19/2022 2:51:35 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: [1] 1 GRADING & EROSION CONTROL COVER SHEET



Subject: PCD Comment Legend
Page Index: 1
Date: 8/19/2022 2:51:47 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: [1] 1 GRADING & EROSION CONTROL COVER SHEET

Subject: Stamp - Stormwater Comment Legend
Page Index: 1
Date: 8/29/2022 9:43:10 AM
Author: Glenn Reese - EPC Stormwater
Color: 
Layer:
Space:
Page Label: [1] 1 GRADING & EROSION CONTROL COVER SHEET




Subject: SW - Textbox with Arrow
Page Index: 1
Date: 8/29/2022 9:44:45 AM
Author: Glenn Reese - EPC Stormwater
Color: 
Layer:
Space:
Page Label: [1] 1 GRADING & EROSION CONTROL COVER SHEET

add "to"

EER'S STATEMENT

ING AND EROSION CONTROL PLAN WAS PREPARED UP IN AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND ACCORDING TO THE CRITERIA ESTABLISHED BY THE CONTROL PLANS. I ACCEPT RESPONSIBILITY FOR ANY OTHER ERRORS OR OMISSIONS FOR MY PART IN THIS

2 (1)


Subject: SW - Textbox with Arrow
Page Index: 2
Date: 8/22/2022 1:44:54 PM
Author: Glenn Reese - EPC Stormwater
Color: 
Layer:
Space:
Page Label: [2] 2 GRADING & EROSION CONTROL NOTES

Revise according to DCMv2 - Section 3.2 - General Principles – Basic Grading, Erosion and Stormwater Quality Requirements and General Prohibitions #16.



General Principles - Basic Grading, Erosion and Stormwater Quality Requirements and General Prohibitions #16.


3 (1)

Subject: Text Box
Page Index: 3
Date: 8/19/2022 1:21:05 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: [3] 3 GRADING & EROSION CONTROL TYPICAL SECTIONS

Add note referencing G4.1 for swale cross-sections


Add note referencing G4.1 for swale cross-sections

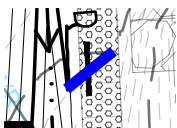
4 (4)

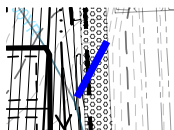
Subject: Callout
Page Index: 4
Date: 8/19/2022 11:50:16 AM
Author: dsdrice
Color: 
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Space:
Page Label: [4] 4 OVERALL GRADING PLAN

adjust grading and berm top width, swale location if necessary

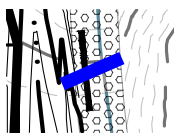


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Page Label: [4] 4 OVERALL GRADING PLAN



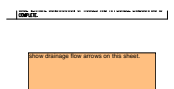


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Page Index: 4
Date: 8/19/2022 11:47:45 AM
Author: dsdrice
Color: ■
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Space:
Page Label: [4] 4 OVERALL GRADING PLAN



Subject: Arrow
Page Index: 4
Date: 8/19/2022 11:49:32 AM
Author: dsdrice
Color: ■
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Space:
Page Label: [4] 4 OVERALL GRADING PLAN

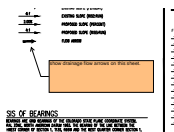
5 (1)



Subject: SW - Textbox
Page Index: 5
Date: 8/22/2022 1:47:58 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
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Page Label: [5] 5 GRADING & EROSION CONTROL INITIAL PLAN

show drainage flow arrows on this sheet.

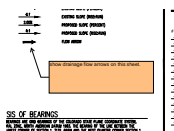
6 (1)



Subject: SW - Textbox
Page Index: 6
Date: 8/22/2022 1:48:10 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [6] 6 GRADING & EROSION CONTROL INITIAL PLAN

show drainage flow arrows on this sheet.

7 (5)



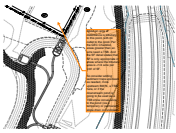
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Page Index: 7
Date: 8/22/2022 1:48:14 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [7] 7 GRADING & EROSION CONTROL INITIAL PLAN

show drainage flow arrows on this sheet.



Subject: Area Measurement
Page Index: 7
Date: 8/29/2022 8:51:31 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [7] 7 GRADING & EROSION CONTROL INITIAL PLAN

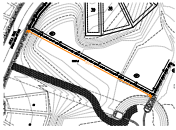
42,311 sf



Subject: SW - Textbox with Arrow
Page Index: 7
Date: 8/29/2022 8:54:52 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
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Page Label: [7] 7 GRADING & EROSION CONTROL INITIAL PLAN

About an acre of disturbance is tributary to this point, with no outlet to the pond. Per the GEC Checklist, areas greater than an acre need a TSB. And the SF detail states that SF is only appropriate in areas where the tributary area is <1/4 acre per 100' of SF.

So consider adding sediment traps upstream as needed, more upstream BMPs, a TSB here, or if the downstream pond is going to be used as a TSB show conveyance to the pond (via a temporary or permanent slope drain or rundown).



Subject: SW - Length Measurement
Page Index: 7
Date: 8/29/2022 8:49:29 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [7] 7 GRADING & EROSION CONTROL INITIAL PLAN

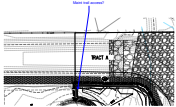
322'-4"



Subject: SW - Textbox with Arrow
Page Index: 7
Date: 8/29/2022 8:51:23 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [7] 7 GRADING & EROSION CONTROL INITIAL PLAN

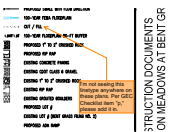
Area and length shown to support comments. You don't need to add these to the plans.

8 (3)



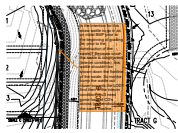
Subject: Callout
Page Index: 8
Date: 8/19/2022 1:12:06 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: [8] 8 GRADING & EROSION CONTROL INTERIM PLAN

Maint trail access?



Subject: SW - Textbox with Arrow
Page Index: 8
Date: 8/23/2022 8:41:23 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [8] 8 GRADING & EROSION CONTROL INTERIM PLAN

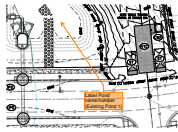
I'm not seeing this linetype anywhere on these plans. Per GEC Checklist item "p," please add it in.



Subject: SW - Textbox with Arrow
Page Index: 8
Date: 8/29/2022 9:38:45 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
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Page Label: [8] 8 GRADING & EROSION CONTROL INTERIM PLAN

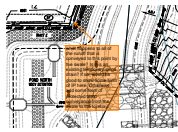
Is the intention for this straw wattle to go in as an initial BMP prior to the beginning of grading (ie: prior to the construction of the swale)? Because once the swale is constructed (interim condition), this wattle shouldn't be shown down the flowline of the swale. So maybe bump the wattle out closer towards the LOD? And then in the interim condition you'll need some form of CD's across (perpendicular) to the swale flowline.

9 (2)



Subject: SW - Textbox with Arrow
Page Index: 9
Date: 8/29/2022 1:30:28 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [9] 9 GRADING & EROSION CONTROL INTERIM PLAN

Label Pond name/number
(Existing Pond 1)



Subject: SW - Textbox with Arrow
Page Index: 9
Date: 8/29/2022 9:40:43 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [9] 9 GRADING & EROSION CONTROL INTERIM PLAN

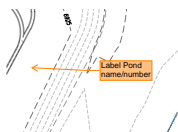
what happens to all of the runoff that is conveyed to this point by the swale? Is this an existing temporary slope drain? If so, would be good to show some form of IP here. Otherwise, add some form of protected temp conveyance from the swale to the forebay.

10 (3)



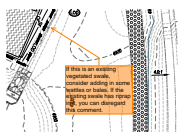
Subject: Callout
Page Index: 10
Date: 8/19/2022 1:13:32 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: [10] 10 GRADING & EROSION CONTROL INTERIM PLAN

Also show LOMR floodplain and elevations



Subject: SW - Textbox with Arrow
Page Index: 10
Date: 8/29/2022 8:37:53 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [10] 10 GRADING & EROSION CONTROL INTERIM PLAN

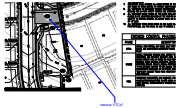
Label Pond name/number



Subject: SW - Textbox with Arrow
Page Index: 10
Date: 8/29/2022 9:41:37 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [10] 10 GRADING & EROSION CONTROL INTERIM PLAN

If this is an existing vegetated swale, consider adding in some wattles or bales. If the existing swale has riprap in it, you can disregard this comment.

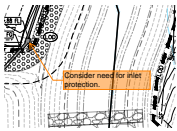
11 (1)



Subject: Callout
Page Index: 11
Date: 8/19/2022 1:15:12 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: [11] 11 GRADING & EROSION CONTROL FINAL PLAN

remove VTCs?

12 (5)

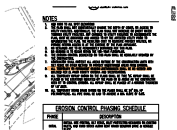


Subject: SW - Textbox with Arrow
Page Index: 12
Date: 8/29/2022 9:03:36 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
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Page Label: [12] 12 GRADING & EROSION CONTROL FINAL PLAN

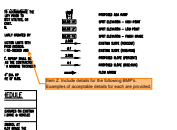
Consider need for inlet protection.



Subject: SW - Highlight
Page Index: 12
Date: 8/29/2022 9:56:28 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
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Page Label: [12] 12 GRADING & EROSION CONTROL FINAL PLAN

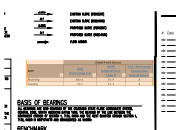


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Page Index: 12
Date: 8/29/2022 9:56:31 AM
Author: Glenn Reese - EPC Stormwater
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Page Label: [12] 12 GRADING & EROSION CONTROL FINAL PLAN



Subject: SW - Textbox with Arrow
Page Index: 12
Date: 8/29/2022 9:57:24 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
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Page Label: [12] 12 GRADING & EROSION CONTROL FINAL PLAN

Item Z. Include details for the following BMP's. Examples of acceptable details for each are provided:



Subject: Image
Page Index: 12
Date: 8/29/2022 9:57:40 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
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Page Label: [12] 12 GRADING & EROSION CONTROL FINAL PLAN

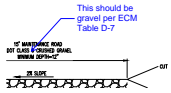
14 (2)

Add details for berm width and slopes where needed



Subject: Callout
Page Index: 14
Date: 8/19/2022 1:22:44 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: [14] 14 SWALE CROSS SECTIONS

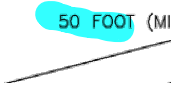
Add details for berm width and slopes where needed



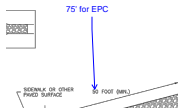
Subject: Callout
Page Index: 14
Date: 8/19/2022 1:18:43 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: [14] 14 SWALE CROSS SECTIONS

This should be gravel per ECM Table D-7

18 (2)



Subject:
Page Index: 18
Date: 8/19/2022 1:21:52 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: [18] 18 GEC DETAILS



Subject: Callout
Page Index: 18
Date: 8/19/2022 1:22:09 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: [18] 18 GEC DETAILS

75' for EPC