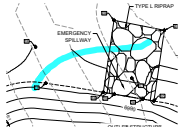


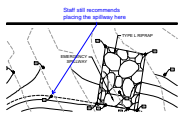
ENG-CDR23021-R1-CDs-GEC-S1.pdf Markup Summary

2/23/2024 9:10:43 AM (1)



Subject:
Page Index: 18
Date: 2/23/2024 9:10:43 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [18] 18 POND GRADING PLAN

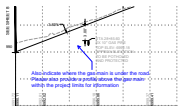
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Subject: Callout
Page Index: 18
Date: 2/23/2024 8:48:22 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [18] 18 POND GRADING PLAN

Staff still recommends placing the spillway here

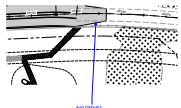
2/22/2024 12:58:18 PM (1)



Subject: Callout
Page Index: 9
Date: 2/22/2024 12:58:18 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [9] 9 PLAN & PROFILE

Also indicate where the gas main is under the road. Please also provide a profile above the gas main within the project limits for information

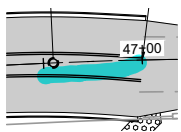
2/22/2024 12:44:53 PM (1)



Subject: Callout
Page Index: 14
Date: 2/22/2024 12:44:53 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [14] 14 SIGNAGE & STRIPING PLAN

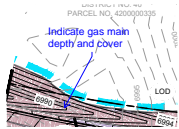
Add OM3-R?

2/22/2024 12:43:27 PM (1)



Subject:
Page Index: 14
Date: 2/22/2024 12:43:27 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [14] 14 SIGNAGE & STRIPING PLAN

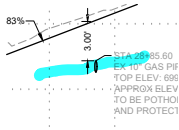
2/22/2024 12:38:13 PM (1)



Subject: Callout
Page Index: 12
Date: 2/22/2024 12:38:13 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [12] 12 GRADING & EROSION CONTROL PLAN

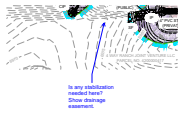
Indicate gas main depth and cover

2/22/2024 12:36:19 PM (1)



Subject:
Page Index: 9
Date: 2/22/2024 12:36:19 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [9] 9 PLAN & PROFILE

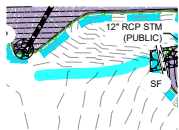
2/22/2024 12:32:06 PM (1)



Subject: Callout
Page Index: 11
Date: 2/22/2024 12:32:06 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [11] 11 GRADING & EROSION CONTROL PLAN

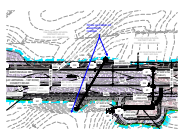
Is any stabilization needed here? Show drainage easement.

2/22/2024 12:31:38 PM (1)



Subject:
Page Index: 11
Date: 2/22/2024 12:31:38 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [11] 11 GRADING & EROSION CONTROL PLAN

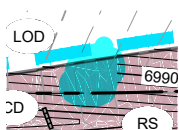
2/22/2024 12:31:17 PM (1)



Subject: Callout
Page Index: 11
Date: 2/22/2024 12:31:17 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [11] 11 GRADING & EROSION CONTROL PLAN

Show and label all easements needed

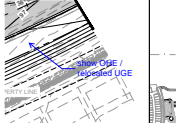
2/22/2024 12:30:35 PM (1)



Subject:
Page Index: 11
Date: 2/22/2024 12:30:35 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [11] 11 GRADING & EROSION CONTROL PLAN

LOD
6990
CD
RS

2/22/2024 12:28:59 PM (1)



Subject: Callout
Page Index: 9
Date: 2/22/2024 12:28:59 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [9] 9 PLAN & PROFILE

show OHE / relocated UGE

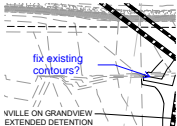
2/22/2024 12:28:20 PM (1)



Subject: Callout
Page Index: 10
Date: 2/22/2024 12:28:20 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [10] 10 PLAN & PROFILE

show all easements

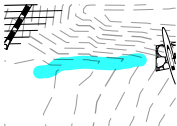
2/22/2024 12:27:33 PM (1)



Subject: Callout
Page Index: 10
Date: 2/22/2024 12:27:33 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [10] 10 PLAN & PROFILE

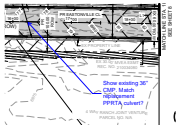
fix existing contours?

2/22/2024 12:26:44 PM (1)



Subject:
Page Index: 8
Date: 2/22/2024 12:26:44 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [8] 8 PLAN & PROFILE

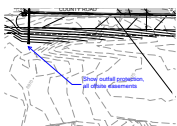
2/22/2024 12:25:54 PM (1)



Subject: Callout
Page Index: 7
Date: 2/22/2024 12:25:54 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [7] 7 PLAN & PROFILE

Show existing 36" CMP. Match replacement PPRTA culvert?

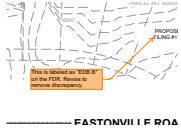
2/22/2024 12:25:10 PM (1)



Subject: Callout
Page Index: 7
Date: 2/22/2024 12:25:10 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [7] 7 PLAN & PROFILE

Show outfall protection, all offsite easements

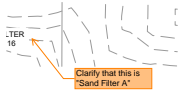
2/21/2024 2:39:55 PM (1)



Subject: SW - Textbox with Arrow
Page Index: 10
Date: 2/21/2024 2:39:55 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [10] 10 PLAN & PROFILE

This is labeled as "EDB B" on the FDR. Revise to remove discrepancy.

2/21/2024 2:36:15 PM (1)



Subject: SW - Textbox with Arrow
Page Index: 8
Date: 2/21/2024 2:36:15 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [8] 8 PLAN & PROFILE

Clarify that this is "Sand Filter A"

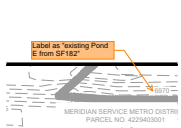
2/21/2024 2:35:23 PM (1)



Subject: SW - Textbox with Arrow
Page Index: 12
Date: 2/21/2024 2:35:23 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [12] 12 GRADING & EROSION CONTROL PLAN

This is labeled as "EDB B" on the FDR. Revise to remove discrepancy.

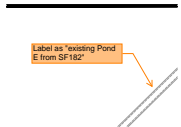
2/21/2024 2:35:00 PM (1)



Subject: SW - Textbox with Arrow
Page Index: 7
Date: 2/21/2024 2:35:00 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [7] 7 PLAN & PROFILE

Label as "existing Pond E from SF182"

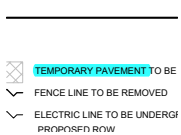
2/21/2024 2:34:43 PM (1)



Subject: SW - Textbox with Arrow
Page Index: 4
Date: 2/21/2024 2:34:43 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [4] 4 DEMOLITION PLAN

Label as "existing Pond E from SF182"

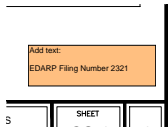
2/21/2024 11:28:36 AM (1)



Subject:
Page Index: 4
Date: 2/21/2024 11:28:36 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [4] 4 DEMOLITION PLAN

TEMPORARY PAVEMENT

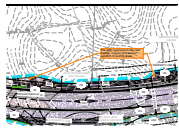
2/21/2024 10:18:26 AM (1)



Subject: SW - Textbox
Page Index: 1
Date: 2/21/2024 10:18:26 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [1] 1 COVER

Add text:
EDARP Filing Number 2321

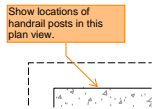
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Page Index: 12
Date: 2/21/2024 10:07:31 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [12] 12 GRADING & EROSION CONTROL PLAN

Per Jeff's comments on the road profiles, connect all proposed contours to existing grade.

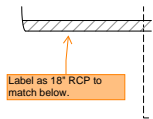
2/21/2024 9:58:50 AM (1)



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Page Index: 21
Date: 2/21/2024 9:58:50 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [21] 21 OUTLET STRUCTURE DETAILS

Show locations of handrail posts in this plan view.

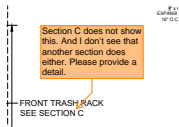
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Subject: SW - Textbox with Arrow
Page Index: 21
Date: 2/21/2024 9:58:19 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [21] 21 OUTLET STRUCTURE DETAILS

Label as 18" RCP to match below.

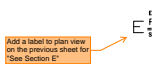
2/21/2024 9:57:50 AM (1)



Subject: SW - Textbox with Arrow
Page Index: 21
Date: 2/21/2024 9:57:50 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [21] 21 OUTLET STRUCTURE DETAILS

Section C does not show this. And I don't see that another section does either. Please provide a detail.

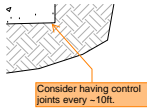
2/21/2024 9:56:21 AM (1)



Subject: SW - Textbox with Arrow
Page Index: 22
Date: 2/21/2024 9:56:21 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [22] 22 OUTLET STRUCTURE DETAILS

Add a label to plan view on the previous sheet for "See Section E"

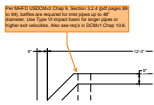
2/21/2024 9:53:52 AM (1)



Subject: SW - Textbox with Arrow
Page Index: 19
Date: 2/21/2024 9:53:52 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [19] 19 POND DETAILS

Consider having control joints every ~10ft.

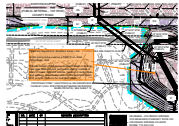
2/21/2024 9:51:59 AM (1)



Subject: SW - Textbox with Arrow
Page Index: 20
Date: 2/21/2024 9:51:59 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [20] 20 FOREBAY DETAILS

Per MFD USDCMv2 Chap 9, Section 3.2.4 (pdf pages 89 to 99), baffles are required for inlet pipes up to 48" diameter. Use Type VI impact basin for larger pipes or higher exit velocities. Also see req's in DCMv1 Chap 10.8.

2/21/2024 9:49:17 AM (1)



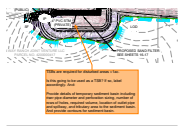
Subject: SW - Textbox with Arrow
Page Index: 12
Date: 2/21/2024 9:49:17 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [12] 12 GRADING & EROSION CONTROL PLAN

TSBs are required for disturbed areas >1ac.

Is this going to be used as a TSB? If so, label accordingly. And:

Provide details of temporary sediment basin including riser pipe diameter and perforation sizing, number of rows of holes, required volume, location of outlet pipe and spillway, and tributary area to the sediment basin. And provide contours for sediment basin.

2/21/2024 9:49:06 AM (1)



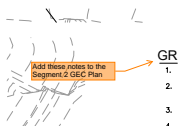
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Page Index: 11
Date: 2/21/2024 9:49:06 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [11] 11 GRADING & EROSION CONTROL PLAN

TSBs are required for disturbed areas >1ac.

Is this going to be used as a TSB? If so, label accordingly. And:

Provide details of temporary sediment basin including riser pipe diameter and perforation sizing, number of rows of holes, required volume, location of outlet pipe and spillway, and tributary area to the sediment basin. And provide contours for sediment basin.

2/21/2024 9:44:57 AM (1)



Subject: SW - Textbox with Arrow
Page Index: 11
Date: 2/21/2024 9:44:57 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [11] 11 GRADING & EROSION CONTROL PLAN

Add these notes to the Segment 2 GEC Plan

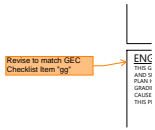
2/21/2024 9:14:51 AM (1)



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Page Index: 11
Date: 2/21/2024 9:14:51 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [11] 11 GRADING & EROSION CONTROL PLAN

No details provided on Sht 4 or any other sheet. Provide the 29 Notes listed on GEC Checklist pages 4-6.

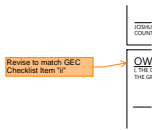
2/21/2024 9:11:36 AM (1)



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Page Index: 1
Date: 2/21/2024 9:11:36 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [1] 1 COVER

Revise to match GEC Checklist Item "gg"

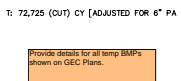
2/21/2024 9:11:06 AM (1)



Subject: SW - Textbox with Arrow
Page Index: 1
Date: 2/21/2024 9:11:06 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [1] 1 COVER

Revise to match GEC Checklist Item "ii"

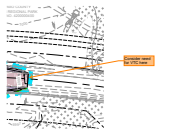
2/21/2024 9:08:15 AM (1)



Subject: SW - Textbox
Page Index: 11
Date: 2/21/2024 9:08:15 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [11] 11 GRADING & EROSION CONTROL PLAN

Provide details for all temp BMPs shown on GEC Plans.

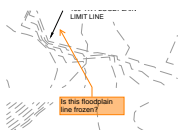
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Date: 2/21/2024 9:05:23 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [12] 12 GRADING & EROSION CONTROL PLAN

Consider need for VTC here

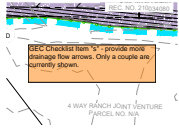
2/21/2024 9:00:37 AM (1)



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Page Index: 11
Date: 2/21/2024 9:00:37 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [11] 11 GRADING & EROSION CONTROL PLAN

Is this floodplain line frozen?

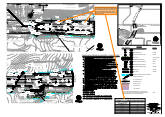
2/21/2024 8:58:14 AM (1)



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Date: 2/21/2024 8:58:14 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [11] 11 GRADING & EROSION CONTROL PLAN

GEC Checklist Item "s" - provide more drainage flow arrows. Only a couple are currently shown.

2/21/2024 8:52:41 AM (1)

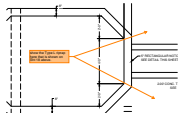


Subject: SW - Textbox with Arrow
Page Index: 11
Date: 2/21/2024 8:52:41 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [11] 11 GRADING & EROSION CONTROL PLAN

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.

Since you have already provided a table, add to it which check dam type you anticipate because that will effect the spacing.

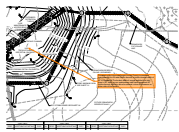
2/21/2024 7:59:52 AM (1)



Subject: SW - Textbox with Arrow
Page Index: 20
Date: 2/21/2024 7:59:52 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [20] 20 FOREBAY DETAILS

show the Type L riprap here that is shown on Sht 18 above.

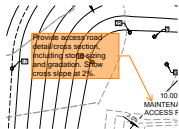
2/21/2024 7:57:16 AM (1)



Subject: SW - Textbox with Arrow
Page Index: 18
Date: 2/21/2024 7:57:16 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [18] 18 POND GRADING PLAN

Considering the future challenges for the County to complete maintenance of a 2ft wide trickle channel, a trickle channel width of 40" is requested. The bucket width of a small walk-behind skid steer is 36" wide, so our maintenance staff have requested 40" trickle channel widths to allow for several inches of clearance on either side of the bucket.

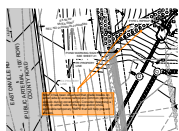
2/21/2024 7:57:04 AM (1)



Subject: SW - Textbox with Arrow
Page Index: 18
Date: 2/21/2024 7:57:04 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [18] 18 POND GRADING PLAN

Provide access road detail/cross section, including stone sizing and gradation. Show cross slope at 2%.

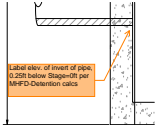
2/21/2024 7:56:47 AM (1)



Subject: SW - Textbox with Arrow
Page Index: 18
Date: 2/21/2024 7:56:47 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [18] 18 POND GRADING PLAN

Note: it has been observed that grade breaks on either side of access ramps are common points of erosion during construction. Consider designing a ditch on either side of the ramp and/or show applicable temporary BMPs that will help prevent erosion.

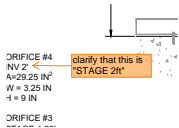
2/20/2024 5:33:21 PM (1)



Subject: SW - Textbox with Arrow
Page Index: 21
Date: 2/20/2024 5:33:21 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [21] 21 OUTLET STRUCTURE DETAILS

Label elev. of invert of pipe, 0.25ft below Stage=0ft per MHFD-Designation calcs

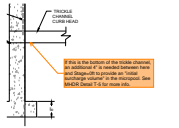
2/20/2024 5:31:25 PM (1)



Subject: SW - Textbox with Arrow
Page Index: 21
Date: 2/20/2024 5:31:25 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [21] 21 OUTLET STRUCTURE DETAILS

clarify that this is "STAGE 2ft"

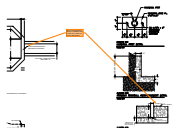
2/20/2024 5:28:28 PM (1)



Subject: SW - Textbox with Arrow
Page Index: 21
Date: 2/20/2024 5:28:28 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [21] 21 OUTLET STRUCTURE DETAILS

If this is the bottom of the trickle channel, an additional 4" is needed between here and Stage=0ft to provide an "initial surcharge volume" in the micropool. See MHDR Detail T-5 for more info.

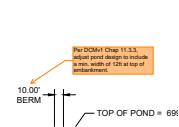
2/20/2024 5:26:06 PM (1)



Subject: SW - Textbox with Arrow
Page Index: 20
Date: 2/20/2024 5:26:06 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [20] 20 FOREBAY DETAILS

Does not match what is shown on UD-BMP calcs in FDR (3.4"). Revise to remove discrepancy.

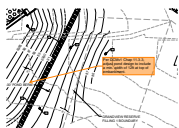
2/20/2024 5:16:40 PM (1)



Subject: SW - Textbox with Arrow
Page Index: 19
Date: 2/20/2024 5:16:40 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [19] 19 POND DETAILS

Per DCMv1 Chap 11.3.3, adjust pond design to include a min. width of 12ft at top of embankment.

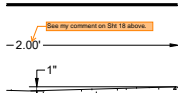
2/20/2024 5:16:34 PM (1)



Subject: SW - Textbox with Arrow
Page Index: 18
Date: 2/20/2024 5:16:34 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [18] 18 POND GRADING PLAN

Per DCMv1 Chap 11.3.3, adjust pond design to include a min. width of 12ft at top of embankment.

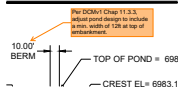
2/20/2024 5:12:28 PM (1)



Subject: SW - Textbox with Arrow
Page Index: 19
Date: 2/20/2024 5:12:28 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [19] 19 POND DETAILS

See my comment on Sht 18 above.

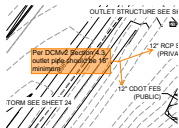
2/20/2024 4:53:44 PM (1)



Subject: SW - Textbox with Arrow
Page Index: 16
Date: 2/20/2024 4:53:44 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [16] 16 SAND FILTER DETAILS

Per DCMv1 Chap 11.3.3, adjust pond design to include a min. width of 12ft at top of embankment.

2/20/2024 4:52:07 PM (1)



Subject: SW - Textbox with Arrow
Page Index: 15
Date: 2/20/2024 4:52:07 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [15] 15 SAND FILTER GRADING PLAN

Per DCMv2 Section 4.3, outlet pipe should be 18" minimum

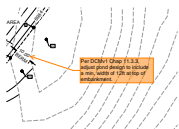
2/20/2024 4:51:46 PM (1)



Subject: SW - Textbox with Arrow
Page Index: 17
Date: 2/20/2024 4:51:46 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [17] 17 SAND FILTER OUTLET STRUCTURE

Per DCMv2 Section 4.3, outlet pipe should be 18" minimum

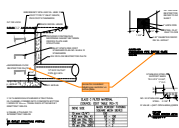
2/20/2024 4:51:14 PM (1)



Subject: SW - Textbox with Arrow
Page Index: 15
Date: 2/20/2024 4:51:14 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [15] 15 SAND FILTER GRADING PLAN

Per DCMv1 Chap 11.3.3, adjust pond design to include a min. width of 12ft at top of embankment.

2/20/2024 4:50:11 PM (1)



Subject: SW - Textbox with Arrow
Page Index: 17
Date: 2/20/2024 4:50:11 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [17] 17 SAND FILTER OUTLET STRUCTURE

revise for consistent labeling as restrictor vs orifice plate.

2/20/2024 4:49:21 PM (1)

STR
TRACK RA

Subject: SW - Highlight
Page Index: 17
Date: 2/20/2024 4:49:21 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [17] 17 SAND FILTER OUTLET STRUCTURE

TRACK

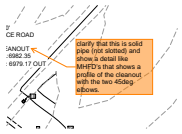
2/20/2024 4:49:02 PM (1)

STANDARD
EL. TRACK
WELDING

Subject: SW - Highlight
Page Index: 17
Date: 2/20/2024 4:49:02 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [17] 17 SAND FILTER OUTLET STRUCTURE

TRACK

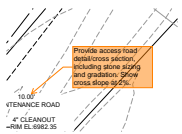
2/20/2024 4:48:19 PM (1)



Subject: SW - Textbox with Arrow
Page Index: 15
Date: 2/20/2024 4:48:19 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [15] 15 SAND FILTER GRADING PLAN

clarify that this is solid pipe (not slotted) and show a detail like MHFD's that shows a profile of the cleanout with the two 45deg elbows.

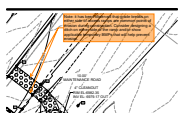
2/20/2024 4:48:17 PM (1)



Subject: SW - Textbox with Arrow
Page Index: 15
Date: 2/20/2024 4:48:17 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [15] 15 SAND FILTER GRADING PLAN

Provide access road detail/cross section, including stone sizing and gradation. Show cross slope at 2%.

2/20/2024 4:48:16 PM (1)



Subject: SW - Textbox with Arrow
Page Index: 15
Date: 2/20/2024 4:48:16 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [15] 15 SAND FILTER GRADING PLAN

Note: it has been observed that grade breaks on either side of access ramps are common points of erosion during construction. Consider designing a ditch on either side of the ramp and/or show applicable temporary BMPs that will help prevent erosion.

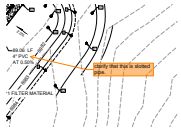
2/20/2024 4:46:57 PM (1)



Subject: SW - Textbox with Arrow
Page Index: 15
Date: 2/20/2024 4:46:57 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [15] 15 SAND FILTER GRADING PLAN

A forebay is needed when >1ac of imperviousness is tributary to a pond inflow point per MHFD Detail T-5. With a tributary area of 2.28ac at 67% impervious, the 1ac threshold is exceeded.

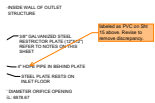
2/20/2024 4:44:28 PM (1)



Subject: SW - Textbox with Arrow
Page Index: 15
Date: 2/20/2024 4:44:28 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [15] 15 SAND FILTER GRADING PLAN

clarify that this is slotted pipe.

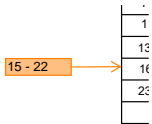
2/20/2024 3:53:27 PM (1)



Subject: SW - Textbox with Arrow
Page Index: 17
Date: 2/20/2024 3:53:27 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [17] 17 SAND FILTER OUTLET STRUCTURE

labeled as PVC on Sht 15 above. Revise to remove discrepancy.

2/20/2024 3:39:00 PM (1)



Subject: SW - Textbox with Arrow
Page Index: 1
Date: 2/20/2024 3:39:00 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [1] 1 COVER

15 - 22

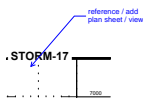
2/20/2024 3:32:52 PM (1)



Subject: SW - Textbox with Arrow
Page Index: 11
Date: 2/20/2024 3:32:52 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [11] 11 GRADING & EROSION CONTROL PLAN

Clarify that this is "Sand Filter A"

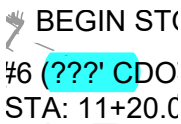
2/20/2024 3:21:41 PM (1)



Subject: Callout
Page Index: 24
Date: 2/20/2024 3:21:41 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [24] 24 STORM PLAN & PROFILE

reference / add plan sheet / view

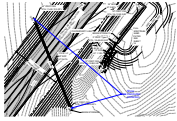
2/20/2024 3:21:13 PM (1)



Subject:
Page Index: 23
Date: 2/20/2024 3:21:13 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [23] 23 STORM PLAN & PROFILE

???' C

2/20/2024 3:20:31 PM (1)



Subject: Callout
Page Index: 24
Date: 2/20/2024 3:20:31 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [24] 24 STORM PLAN & PROFILE

Show inlet/outlet protection

2/20/2024 3:19:56 PM (1)



Subject: Callout
Page Index: 25
Date: 2/20/2024 3:19:56 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [25] 25 STORM PLAN AND PROFILE

Show outlet protection

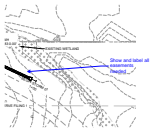
2/20/2024 3:19:46 PM (1)



Subject: Callout
Page Index: 25
Date: 2/20/2024 3:19:46 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [25] 25 STORM PLAN AND PROFILE

Show proposed cover grade (can it go to open channel sooner?)

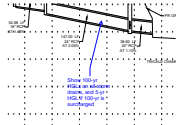
2/20/2024 3:16:31 PM (1)



Subject: Callout
Page Index: 25
Date: 2/20/2024 3:16:31 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [25] 25 STORM PLAN AND PROFILE

Show and label all easements needed

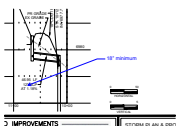
2/20/2024 3:15:27 PM (1)



Subject: Callout
Page Index: 25
Date: 2/20/2024 3:15:27 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [25] 25 STORM PLAN AND PROFILE

Show 100-yr HGLs on all storm drains, and 5-yr HGL if 100-yr is surcharged

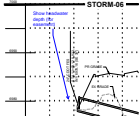
2/20/2024 3:11:52 PM (1)



Subject: Callout
Page Index: 24
Date: 2/20/2024 3:11:52 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [24] 24 STORM PLAN & PROFILE

18" minimum

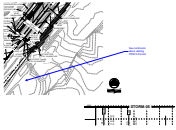
2/20/2024 3:10:01 PM (1)



Subject: Callout
Page Index: 24
Date: 2/20/2024 3:10:01 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [24] 24 STORM PLAN & PROFILE

Show headwater depth (for easement)

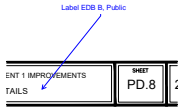
2/20/2024 3:08:41 PM (1)



Subject: Callout
Page Index: 23
Date: 2/20/2024 3:08:41 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [23] 23 STORM PLAN & PROFILE

See comments about utilizing PPRTA Pond E

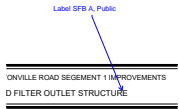
2/20/2024 3:07:47 PM (1)



Subject: Callout
Page Index: 22
Date: 2/20/2024 3:07:47 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [22] 22 OUTLET STRUCTURE DETAILS

Label EDB B, Public

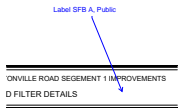
2/20/2024 3:07:03 PM (1)



Subject: Callout
Page Index: 17
Date: 2/20/2024 3:07:03 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [17] 17 SAND FILTER OUTLET STRUCTURE

Label SFB A, Public

2/20/2024 3:06:59 PM (1)



Subject: Callout
Page Index: 16
Date: 2/20/2024 3:06:59 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [16] 16 SAND FILTER DETAILS

Label SFB A, Public

2/20/2024 3:06:02 PM (1)



Subject: Callout
Page Index: 21
Date: 2/20/2024 3:06:02 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [21] 21 OUTLET STRUCTURE DETAILS

Label EDB B, Public

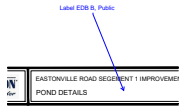
2/20/2024 3:05:50 PM (1)



Subject: Callout
Page Index: 20
Date: 2/20/2024 3:05:50 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Space:
Page Label: [20] 20 FOREBAY DETAILS

Label EDB B, Public

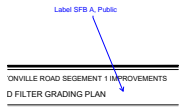
2/20/2024 3:05:42 PM (1)



Subject: Callout
Page Index: 19
Date: 2/20/2024 3:05:42 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Space:
Page Label: [19] 19 POND DETAILS

Label EDB B, Public

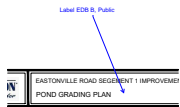
2/20/2024 3:02:59 PM (1)



Subject: Callout
Page Index: 15
Date: 2/20/2024 3:02:59 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [15] 15 SAND FILTER GRADING PLAN

Label SFB A, Public

2/20/2024 3:02:24 PM (1)



Subject: Callout
Page Index: 18
Date: 2/20/2024 3:02:24 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [18] 18 POND GRADING PLAN

Label EDB B, Public

2/20/2024 3:01:22 PM (1)



Subject: Callout
Page Index: 18
Date: 2/20/2024 3:01:22 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: [18] 18 POND GRADING PLAN

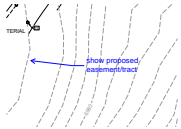
Provide cross-section

2/20/2024 3:01:12 PM (1)



Subject: Arrow
Page Index: 18
Date: 2/20/2024 3:01:12 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [18] 18 POND GRADING PLAN

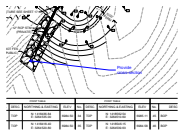
2/20/2024 2:53:46 PM (1)



Subject: Callout
Page Index: 15
Date: 2/20/2024 2:53:46 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [15] 15 SAND FILTER GRADING PLAN

show proposed easement/tract

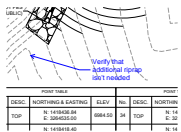
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Subject: Callout
Page Index: 15
Date: 2/20/2024 2:53:25 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [15] 15 SAND FILTER GRADING PLAN

Provide cross-section

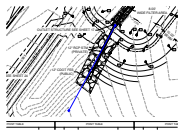
2/20/2024 1:56:17 PM (1)



Subject: Callout
Page Index: 15
Date: 2/20/2024 1:56:17 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Space:
Page Label: [15] 15 SAND FILTER GRADING PLAN

Verify that additional riprap isn't needed

2/20/2024 1:55:48 PM (1)



Subject: Arrow
Page Index: 15
Date: 2/20/2024 1:55:48 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: [15] 15 SAND FILTER GRADING PLAN

2/20/2024 1:54:23 PM (1)



Subject:
Page Index: 15
Date: 2/20/2024 1:54:23 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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(PRIVATE)

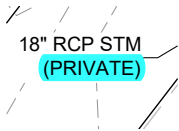
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Subject:
Page Index: 15
Date: 2/20/2024 1:54:21 PM
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(PRIVATE)

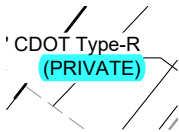
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Subject:
Page Index: 15
Date: 2/20/2024 1:54:13 PM
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(PRIVATE)

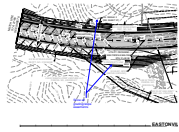
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Subject:
Page Index: 15
Date: 2/20/2024 1:54:05 PM
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(PRIVATE)

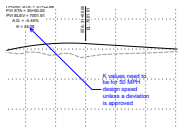
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Subject: Callout
Page Index: 9
Date: 2/20/2024 12:28:02 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Space:
Page Label: [9] 9 PLAN & PROFILE

Show all grading/slope easements

2/20/2024 12:26:51 PM (1)



Subject: Callout
Page Index: 9
Date: 2/20/2024 12:26:51 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: [9] 9 PLAN & PROFILE

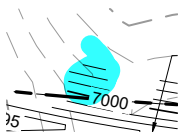
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2/20/2024 12:25:32 PM (1)



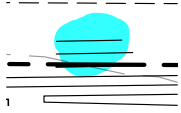
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2/20/2024 12:24:26 PM (1)



Subject:
Page Index: 9
Date: 2/20/2024 12:24:26 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: [9] 9 PLAN & PROFILE

2/20/2024 12:24:09 PM (1)



Subject:
Page Index: 10
Date: 2/20/2024 12:24:09 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: [10] 10 PLAN & PROFILE

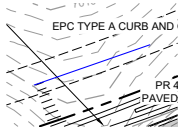
2/20/2024 12:22:39 PM (1)



Subject: Callout
Page Index: 9
Date: 2/20/2024 12:22:39 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
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Page Label: [9] 9 PLAN & PROFILE

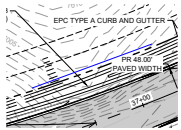
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2/20/2024 12:22:18 PM (1)



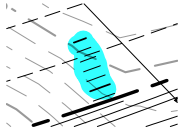
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Page Index: 9
Date: 2/20/2024 12:22:18 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: [9] 9 PLAN & PROFILE

2/20/2024 12:21:26 PM (1)



Subject: Arrow
Page Index: 9
Date: 2/20/2024 12:21:26 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: [9] 9 PLAN & PROFILE

2/20/2024 12:20:10 PM (1)



Subject:
Page Index: 9
Date: 2/20/2024 12:20:10 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: [9] 9 PLAN & PROFILE

2/20/2024 12:19:31 PM (1)



Subject: Callout
Page Index: 9
Date: 2/20/2024 12:19:31 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [9] 9 PLAN & PROFILE

move label north? (Is this parcel owner involved?)

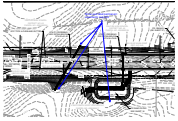
2/20/2024 12:18:16 PM (1)

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Subject:
Page Index: 9
Date: 2/20/2024 12:18:16 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: [9] 9 PLAN & PROFILE

40

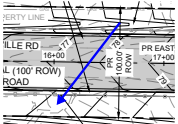
2/20/2024 12:17:41 PM (1)



Subject: Callout
Page Index: 8
Date: 2/20/2024 12:17:41 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [8] 8 PLAN & PROFILE

Show and label permanent easements required

2/20/2024 12:16:36 PM (1)



Subject: Arrow
Page Index: 7
Date: 2/20/2024 12:16:36 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [7] 7 PLAN & PROFILE

2/20/2024 12:08:21 PM (1)

D. = 3.10%
K = 64.47

Subject:
Page Index: 10
Date: 2/20/2024 12:08:21 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [10] 10 PLAN & PROFILE

64.47

2/20/2024 12:08:10 PM (1)

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K = 45.08

Subject:
Page Index: 9
Date: 2/20/2024 12:08:10 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
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Page Label: [9] 9 PLAN & PROFILE

45.08

2/20/2024 12:07:58 PM (1)


D. = 4.43%
K = 67.72

Subject:
Page Index: 8
Date: 2/20/2024 12:07:58 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [8] 8 PLAN & PROFILE

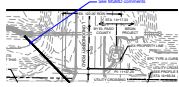
67.72

2/20/2024 12:07:43 PM (1)

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K = 80.08

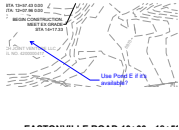
Subject:
Page Index: 7 80.08
Date: 2/20/2024 12:07:43 PM
Author: Jeff Rice - EPC Engineering Review
Color: 
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Page Label: [7] 7 PLAN & PROFILE


2/20/2024 12:05:13 PM (1)



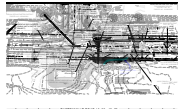
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Page Index: 7 See MSMD comments
Date: 2/20/2024 12:05:13 PM
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Color: 
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2/20/2024 12:04:05 PM (1)



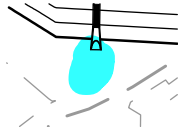
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Page Index: 7 Use Pond E if it's available?
Date: 2/20/2024 12:04:05 PM
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Color: 
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Page Label: [7] 7 PLAN & PROFILE


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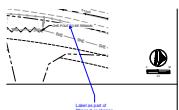
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Page Index: 7
Date: 2/20/2024 12:00:30 PM
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2/20/2024 11:48:25 AM (1)



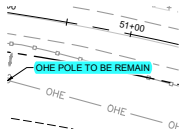
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Page Index: 7
Date: 2/20/2024 11:48:25 AM
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Color: 
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Page Label: [7] 7 PLAN & PROFILE

2/20/2024 10:49:45 AM (1)



Subject: Callout
Page Index: 6 Label as part of Phase 2 or change
Date: 2/20/2024 10:49:45 AM
Author: Jeff Rice - EPC Engineering Review
Color: 
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Page Label: [6] 6 DEMOLITION PLAN

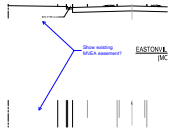
2/20/2024 10:49:14 AM (1)



Subject:
Page Index: 6
Date: 2/20/2024 10:49:14 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: [6] 6 DEMOLITION PLAN

OHE POLE TO BE REMAIN

2/20/2024 10:44:23 AM (1)



Subject: Callout
Page Index: 3
Date: 2/20/2024 10:44:23 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: [3] 3 TYPICAL ROAD SECTIONS

Show existing MVEA easement?

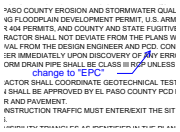
2/20/2024 10:41:33 AM (1)



Subject: Callout
Page Index: 2
Date: 2/20/2024 10:41:33 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
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Page Label: [2] 2 NOTES & LEGEND

Delete "PCD"

2/20/2024 10:41:13 AM (1)



Subject: Callout
Page Index: 2
Date: 2/20/2024 10:41:13 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: [2] 2 NOTES & LEGEND

change to "EPC"

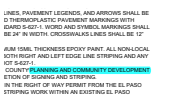
2/20/2024 10:39:24 AM (1)



Subject:
Page Index: 2
Date: 2/20/2024 10:39:24 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
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Page Label: [2] 2 NOTES & LEGEND

PLANNING AND
COMMUNITY DEVELOPMENT

2/20/2024 10:38:53 AM (1)



Subject:
Page Index: 2
Date: 2/20/2024 10:38:53 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
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Page Label: [2] 2 NOTES & LEGEND

PLANNING AND COMMUNITY DEVELOPMENT

2/20/2024 10:38:16 AM (1)

TY PCD **Subject:** PCD
Page Index: 2
Date: 2/20/2024 10:38:16 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: [2] 2 NOTES & LEGEND

2/20/2024 10:38:11 AM (1)

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Page Index: 2
Date: 2/20/2024 10:38:11 AM
Author: Jeff Rice - EPC Engineering Review
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Page Label: [2] 2 NOTES & LEGEND

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Page Index: 2
Date: 2/20/2024 10:38:00 AM
Author: Jeff Rice - EPC Engineering Review
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Page Label: [2] 2 NOTES & LEGEND

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ND PCD. CO **Subject:** PCD.
Page Index: 2
Date: 2/20/2024 10:37:56 AM
Author: Jeff Rice - EPC Engineering Review
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Page Label: [2] 2 NOTES & LEGEND
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CON **Subject:** . C
Page Index: 2
Date: 2/20/2024 10:37:50 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: [2] 2 NOTES & LEGEND
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2/20/2024 10:35:53 AM (1)

} - XX **Subject:** XX
Page Index: 1
Date: 2/20/2024 10:35:53 AM
Author: Jeff Rice - EPC Engineering Review
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