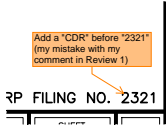


ENG-CDR23021-R2-CDs-S1.pdf Markup Summary

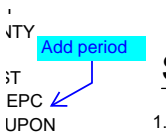
1 (1)



Subject: SW - Textbox with Arrow
Page Index: 1
Date: 4/2/2024 3:34:42 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [1] 1 COVER

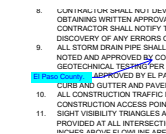
Add a "CDR" before "2321" (my mistake with my comment in Review 1)

2 (3)



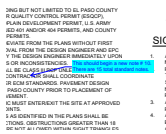
Subject: Callout
Page Index: 2
Date: 4/4/2024 5:26:23 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [2] 2 NOTES & LEGEND

Add period



Subject: Callout
Page Index: 2
Date: 4/4/2024 5:27:42 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [2] 2 NOTES & LEGEND

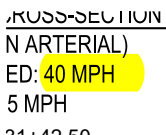
El Paso County.



Subject: Callout
Page Index: 2
Date: 4/4/2024 5:28:55 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [2] 2 NOTES & LEGEND

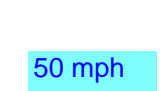
This should begin a new note # 10. There are 15 total standard notes.

3 (5)



Subject: Highlight
Page Index: 3
Date: 4/4/2024 5:48:39 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [3] 3 TYPICAL ROAD SECTIONS


D: 40 MP




Subject: Text Box
Page Index: 3
Date: 4/4/2024 5:48:49 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [3] 3 TYPICAL ROAD SECTIONS

50 mph


SPEED: 40 MP
D: 35 MPH
TO 31+42.50

Subject: Highlight : 35 M
Page Index: 3
Date: 4/4/2024 5:49:00 PM
Author: CDurham
Color: 
Layer:
Space:
Page Label: [3] 3 TYPICAL ROAD SECTIONS

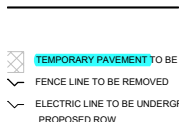
N ARTERIAL)
D: 40 MPH
5 MPH


Subject: Highlight D: 40
Page Index: 3
Date: 4/4/2024 5:49:07 PM
Author: CDurham
Color: 
Layer:
Space:
Page Label: [3] 3 TYPICAL ROAD SECTIONS

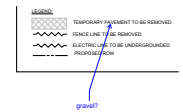
SPEED: 40 MP
D: 35 MPH
TO 47+00


Subject: Highlight : 35 M
Page Index: 3
Date: 4/4/2024 5:49:09 PM
Author: CDurham
Color: 
Layer:
Space:
Page Label: [3] 3 TYPICAL ROAD SECTIONS

4 (2)

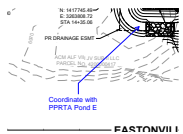



Subject: TEMPORARY PAVEMENT
Page Index: 4
Date: 4/10/2024 9:34:02 AM
Author: Jeff Rice - EPC Engineering Review
Color: 
Layer:
Space:
Page Label: [4] 4 DEMOLITION PLAN

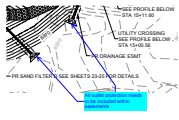


Subject: Callout gravel?
Page Index: 4
Date: 4/10/2024 9:34:24 AM
Author: Jeff Rice - EPC Engineering Review
Color: 
Layer:
Space:
Page Label: [4] 4 DEMOLITION PLAN

7 (3)

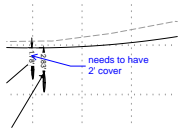


Subject: Callout Coordinate with PPRTA Pond E
Page Index: 7
Date: 4/2/2024 1:44:16 PM
Author: Jeff Rice - EPC Engineering Review
Color: 
Layer:
Space:
Page Label: [7] 7 PLAN & PROFILE



Subject: Callout
Page Index: 7
Date: 4/4/2024 5:34:02 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [7] 7 PLAN & PROFILE

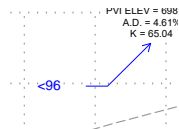
All outlet protection needs to be included within easements



Subject: Callout
Page Index: 7
Date: 4/10/2024 9:36:52 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [7] 7 PLAN & PROFILE

needs to have 2' cover

8 (3)



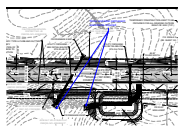
Subject: Callout
Page Index: 8
Date: 4/10/2024 9:40:35 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [8] 8 PLAN & PROFILE

<96

VI ELEV = 6984.3
 A.D. = 4.61%
 K = 65.04

Subject:
Page Index: 8
Date: 4/10/2024 9:40:40 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [8] 8 PLAN & PROFILE

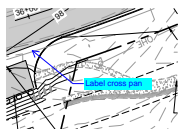
K = 65.04



Subject: Callout
Page Index: 8
Date: 4/10/2024 9:42:21 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [8] 8 PLAN & PROFILE

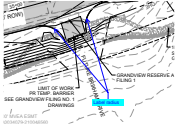
Show and label permanent easements required

9 (9)



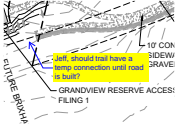
Subject: Callout
Page Index: 9
Date: 4/4/2024 5:44:27 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [9] 9 PLAN & PROFILE

Label cross pan



Subject: Callout
Page Index: 9
Date: 4/4/2024 5:44:53 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [9] 9 PLAN & PROFILE

Label radius



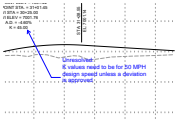
Subject: Callout
Page Index: 9
Date: 4/4/2024 5:45:51 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [9] 9 PLAN & PROFILE

Jeff, should trail have a temp connection until road is built?



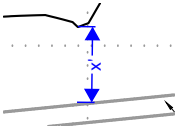
Subject: Callout
Page Index: 9
Date: 4/4/2024 5:50:02 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [9] 9 PLAN & PROFILE

Add note to see inset at right for gas line profile



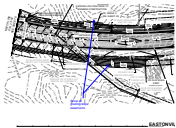
Subject: Callout
Page Index: 9
Date: 4/4/2024 5:48:26 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [9] 9 PLAN & PROFILE

Unresolved:
K values need to be for 50 MPH design speed unless a deviation is approved



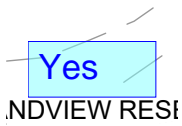
Subject: Dimension
Page Index: 9
Date: 4/4/2024 5:55:56 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [9] 9 PLAN & PROFILE

x'



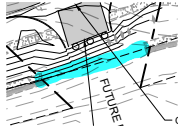
Subject: Callout
Page Index: 9
Date: 4/10/2024 9:43:48 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [9] 9 PLAN & PROFILE

Show all grading/slope easements



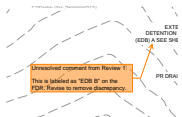
Subject: Text Box
Page Index: 9
Date: 4/10/2024 9:44:26 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [9] 9 PLAN & PROFILE

Yes



Subject:
Page Index: 9
Date: 4/10/2024 9:44:55 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [9] 9 PLAN & PROFILE

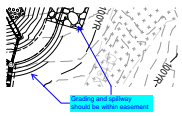
10 (3)



Subject: SW - Textbox with Arrow
Page Index: 10
Date: 4/2/2024 3:39:21 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [10] 10 PLAN & PROFILE

Unresolved comment from Review 1:

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



Subject: Callout
Page Index: 10
Date: 4/4/2024 5:51:46 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [10] 10 PLAN & PROFILE

Grading and spillway should be within easement

VI ELEV = 6993.0
A.D. = 3.10%
K = 64.47

Subject:
Page Index: 10
Date: 4/10/2024 9:45:13 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [10] 10 PLAN & PROFILE

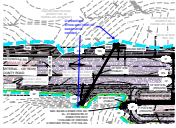
K = 64.47

11 (5)



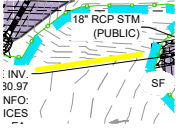
Subject: SW - Textbox with Arrow
Page Index: 11
Date: 4/2/2024 3:48:07 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [11] 11 GRADING & EROSION CONTROL PLAN

Drainage report calls this SFB D. If it is to be a TSB during construction, clarify that it will be SFB D by the end of construction.



Subject: Callout
Page Index: 11
Date: 4/4/2024 5:52:57 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [11] 11 GRADING & EROSION CONTROL PLAN

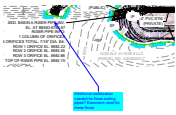
Unresolved:
 Show and label all easements needed



Subject: Line
Page Index: 11
Date: 4/4/2024 5:53:34 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [11] 11 GRADING & EROSION CONTROL PLAN



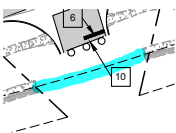
Subject: Line
Page Index: 11
Date: 4/4/2024 5:54:02 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [11] 11 GRADING & EROSION CONTROL PLAN



Subject: Callout
Page Index: 11
Date: 4/4/2024 5:54:51 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [11] 11 GRADING & EROSION CONTROL PLAN

Additional stabilization needed for flows exiting pipes? Easement need for these flows

13 (2)

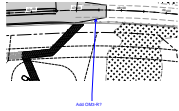


Subject:
Page Index: 13
Date: 4/10/2024 9:49:41 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [13] 13 SIGNAGE & STRIPING PLAN



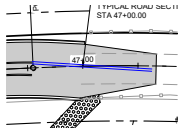
Subject: Callout
Page Index: 13
Date: 4/10/2024 9:51:16 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [13] 13 SIGNAGE & STRIPING PLAN

Add all items to legend

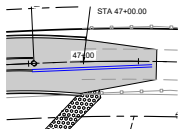


Subject: Callout
Page Index: 14
Date: 4/10/2024 9:52:52 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [14] 14 SIGNAGE & STRIPING PLAN

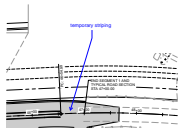
Add OM3-R?



Subject: Arrow
Page Index: 14
Date: 4/10/2024 9:54:48 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [14] 14 SIGNAGE & STRIPING PLAN



Subject: Arrow
Page Index: 14
Date: 4/10/2024 9:54:43 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [14] 14 SIGNAGE & STRIPING PLAN



Subject: Callout
Page Index: 14
Date: 4/10/2024 9:55:04 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [14] 14 SIGNAGE & STRIPING PLAN

temporary striping



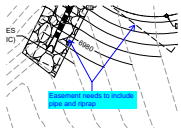
Subject: SW - Textbox with Arrow
Page Index: 15
Date: 4/2/2024 4:37:44 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [15] 15 SFB A (PUBLIC) GRADING PLAN

Unresolved comment from Review 1: 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.



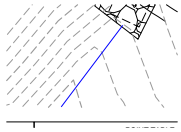
Subject: SW - Textbox with Arrow
Page Index: 15
Date: 4/2/2024 3:57:18 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [15] 15 SFB A (PUBLIC) GRADING PLAN

As requested with Review 1, this forebay was added into this plan view. But now I am not seeing a detail for it anywhere in these CD set or sizing calcs in the FDR. Please provide.

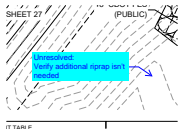


Subject: Callout
Page Index: 15
Date: 4/8/2024 12:34:56 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [15] 15 SFB A (PUBLIC) GRADING PLAN

Easement needs to include pipe and riprap

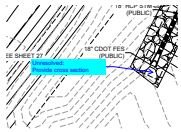


Subject: Line
Page Index: 15
Date: 4/8/2024 12:38:58 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [15] 15 SFB A (PUBLIC) GRADING PLAN



Subject: Callout
Page Index: 15
Date: 4/8/2024 12:39:31 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [15] 15 SFB A (PUBLIC) GRADING PLAN

Unresolved:
Verify additional riprap isn't needed



Subject: Callout
Page Index: 15
Date: 4/8/2024 12:39:55 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [15] 15 SFB A (PUBLIC) GRADING PLAN

Unresolved:
Provide cross section



Subject: Callout
Page Index: 15
Date: 4/10/2024 9:57:19 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [15] 15 SFB A (PUBLIC) GRADING PLAN

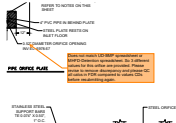
Public

16 (1)



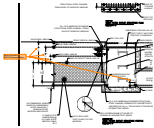
Subject: SW - Textbox with Arrow
Page Index: 16
Date: 4/2/2024 2:57:40 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [16] 16 SFB A (PUBLIC) DETAILS

Does not match MHFD-Detention calcs.



Subject: SW - Textbox with Arrow
Page Index: 17
Date: 4/2/2024 3:58:58 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [17] 17 SFB A (PUBLIC) OUTLET STRUCTURE

Does not match UD-BMP spreadsheet or MHFD-Detention spreadsheet. So 3 different values for this orifice are provided. Please revise to remove discrepancy and please QC all calcs in FDR compared to values CDs before resubmitting again.



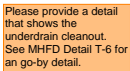
Subject: SW - Textbox with Arrow
Page Index: 17
Date: 4/2/2024 2:56:04 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [17] 17 SFB A (PUBLIC) OUTLET STRUCTURE

Does not match MHFD-Detention calcs.



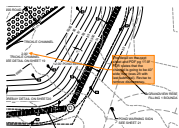
Subject: SW - Textbox with Arrow
Page Index: 17
Date: 4/2/2024 2:57:29 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [17] 17 SFB A (PUBLIC) OUTLET STRUCTURE

Does not match MHFD-Detention calcs.



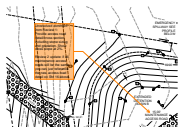
Subject: SW - Textbox with Arrow
Page Index: 17
Date: 4/2/2024 4:00:32 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [17] 17 SFB A (PUBLIC) OUTLET STRUCTURE

Please provide a detail that shows the underdrain cleanout. See MHFD Detail T-6 for an go-by detail.



Subject: SW - Textbox with Arrow
Page Index: 18
Date: 4/2/2024 4:03:16 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [18] 18 EDB B (PUBLIC) GRADING PLAN

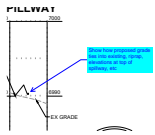
The detail on the next sheet and PDF pg 11 of FDR states that the channel is going to be 40" wide now (was 2ft with last submittal). Revise to remove discrepancy.



Subject: SW - Textbox with Arrow
Page Index: 18
Date: 4/2/2024 4:02:21 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [18] 18 EDB B (PUBLIC) GRADING PLAN

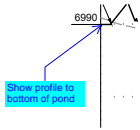
Unresolved comment from Review 1:
 Provide access road detail/cross section, including stone sizing and gradation. Show cross slope at 2%.

Review 2 update: if all maintenance access roads will be the same, you can just reference the new access road detail on Sht 16 above.



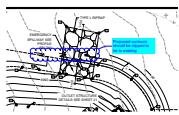
Subject: Callout
Page Index: 18
Date: 4/8/2024 12:44:23 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [18] 18 EDB B (PUBLIC) GRADING PLAN

Show how proposed grade ties into existing, riprap, elevations at top of spillway, etc



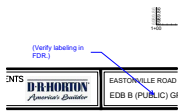
Subject: Callout
Page Index: 18
Date: 4/8/2024 12:46:33 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [18] 18 EDB B (PUBLIC) GRADING PLAN

Show profile to bottom of pond



Subject: Cloud+
Page Index: 18
Date: 4/8/2024 12:47:25 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [18] 18 EDB B (PUBLIC) GRADING PLAN

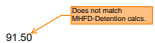
Proposed contours should be clipped to tie to existing



Subject: Callout
Page Index: 18
Date: 4/10/2024 9:58:41 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [18] 18 EDB B (PUBLIC) GRADING PLAN

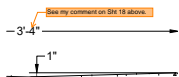
(Verify labeling in FDR.)

19 (2)



Subject: SW - Textbox with Arrow
Page Index: 19
Date: 4/2/2024 3:25:08 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [19] 19 EDB B (PUBLIC) DETAILS

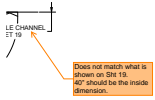
Does not match MHFD-Detention calcs.



Subject: SW - Textbox with Arrow
Page Index: 19
Date: 4/2/2024 4:03:32 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [19] 19 EDB B (PUBLIC) DETAILS

See my comment on Sht 18 above.

20 (3)



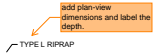
Subject: SW - Textbox with Arrow
Page Index: 20
Date: 4/2/2024 2:39:59 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [20] 20 EDB B (PUBLIC) FOREBAY DETAILS

Does not match what is shown on Sht 19. 40" should be the inside dimension.



Subject: SW - Textbox
Page Index: 20
Date: 4/2/2024 3:26:55 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [20] 20 EDB B (PUBLIC) FOREBAY DETAILS

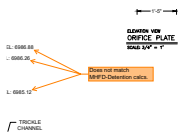
Clarify that these details represent the Interim Condition



Subject: SW - Textbox with Arrow
Page Index: 20
Date: 4/2/2024 4:04:20 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [20] 20 EDB B (PUBLIC) FOREBAY DETAILS

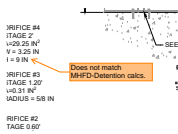
add plan-view dimensions and label the depth.

21 (4)



Subject: SW - Textbox with Arrow
Page Index: 21
Date: 4/2/2024 3:22:24 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [21] 21 EDB B (PUBLIC) OUTLET STRUCTURE DETAILS

Does not match MHFD-Detention calcs.



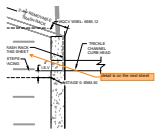
Subject: SW - Textbox with Arrow
Page Index: 21
Date: 4/2/2024 3:23:10 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [21] 21 EDB B (PUBLIC) OUTLET STRUCTURE DETAILS

Does not match MHFD-Detention calcs.



Subject: SW - Textbox
Page Index: 21
Date: 4/2/2024 3:27:01 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [21] 21 EDB B (PUBLIC) OUTLET STRUCTURE DETAILS

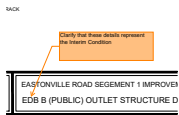
Clarify that these details represent the Interim Condition



Subject: SW - Textbox with Arrow
Page Index: 21
Date: 4/2/2024 4:06:25 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [21] 21 EDB B (PUBLIC) OUTLET STRUCTURE DETAILS

detail is on the next sheet

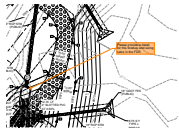
22 (1)



Subject: SW - Textbox
Page Index: 22
Date: 4/2/2024 3:27:07 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [22] 22 EDB B (PUBLIC) OUTLET STRUCTURE DETAILS

Clarify that these details represent the Interim Condition

23 (4)



Subject: SW - Textbox with Arrow
Page Index: 23
Date: 4/2/2024 4:37:37 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [23] 23 SFB D (PUBLIC) POND GRADING PLAN

Please provide a detail for this forebay and sizing calcs in the FDR.



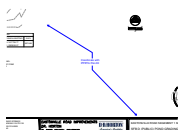
Subject: SW - Textbox with Arrow
Page Index: 23
Date: 4/2/2024 4:38:13 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [23] 23 SFB D (PUBLIC) POND GRADING PLAN

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.



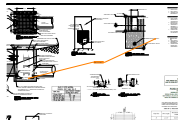
Subject: Callout
Page Index: 23
Date: 4/8/2024 12:50:22 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [23] 23 SFB D (PUBLIC) POND GRADING PLAN

All of riprap outlets and spillway needs to be included within easement



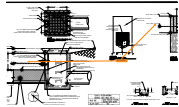
Subject: Callout
Page Index: 23
Date: 4/10/2024 10:13:16 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [23] 23 SFB D (PUBLIC) POND GRADING PLAN

Coordinate with PPRTA Pond E



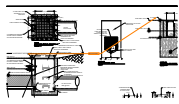
Subject: SW - Textbox with Arrow
Page Index: 25
Date: 4/2/2024 3:08:49 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [25] 25 SFB D (PUBLIC) OUTLET STRUCTURE

does not match



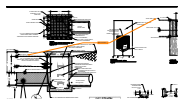
Subject: SW - Textbox with Arrow
Page Index: 25
Date: 4/2/2024 3:09:24 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [25] 25 SFB D (PUBLIC) OUTLET STRUCTURE

does not match



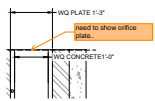
Subject: SW - Textbox with Arrow
Page Index: 25
Date: 4/2/2024 3:09:39 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [25] 25 SFB D (PUBLIC) OUTLET STRUCTURE

does not match



Subject: SW - Textbox with Arrow
Page Index: 25
Date: 4/2/2024 3:09:49 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [25] 25 SFB D (PUBLIC) OUTLET STRUCTURE

does not match



Subject: SW - Textbox with Arrow
Page Index: 25
Date: 4/2/2024 3:10:10 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [25] 25 SFB D (PUBLIC) OUTLET STRUCTURE

need to show orifice plate..

Please provide a detail that shows the underdrain cleanout. See MHFD Detail T-6 for an go-by detail.

Subject: SW - Textbox with Arrow
Page Index: 25
Date: 4/2/2024 4:35:51 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [25] 25 SFB D (PUBLIC) OUTLET STRUCTURE

Please provide a detail that shows the underdrain cleanout. See MHFD Detail T-6 for an go-by detail.

78.21 LF
18" RCP-

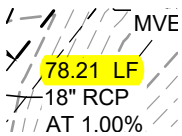
Subject: Highlight
Page Index: 26
Date: 4/8/2024 1:09:41 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] 26 STORM PLAN & PROFILE

78.21

56.19 LF
18" RCP

Subject: Highlight
Page Index: 26
Date: 4/8/2024 1:12:56 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] 26 STORM PLAN & PROFILE

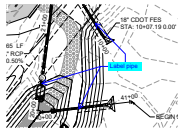
6.19



78.21 LF
18" RCP
AT 1.00%

Subject: Highlight
Page Index: 26
Date: 4/8/2024 1:13:27 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] 26 STORM PLAN & PROFILE

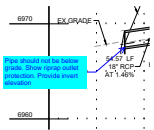
78.21 LF



85 LF
18" RCP
AT 1.00%

Subject: Callout
Page Index: 26
Date: 4/8/2024 1:21:19 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] 26 STORM PLAN & PROFILE

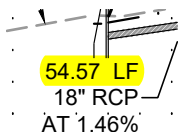
Label pipe



85 LF
18" RCP
AT 1.46%

Subject: Callout
Page Index: 26
Date: 4/8/2024 1:53:44 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] 26 STORM PLAN & PROFILE

Pipe should not be below grade. Show riprap outlet protection. Provide invert elevation




54.57 LF
18" RCP
AT 1.46%

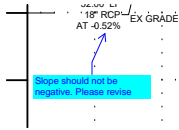
Subject: Highlight
Page Index: 26
Date: 4/8/2024 1:16:34 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] 26 STORM PLAN & PROFILE


54.57 LF

18" RCP-
AT -0.52%

Subject: Highlight
Page Index: 26
Date: 4/8/2024 1:17:42 PM
Author: CDurham
Color: 
Layer:
Space:
Page Label: [1] 26 STORM PLAN & PROFILE


-0.52



Subject: Callout
Page Index: 26
Date: 4/8/2024 1:17:59 PM
Author: CDurham
Color: 
Layer:
Space:
Page Label: [1] 26 STORM PLAN & PROFILE


Slope should not be negative. Please revise

96.65 LF
24" RCP-
AT 0.50%

Subject: Highlight
Page Index: 26
Date: 4/8/2024 1:19:08 PM
Author: CDurham
Color: 
Layer:
Space:
Page Label: [1] 26 STORM PLAN & PROFILE


96.65 L

6.54 LF
24" RCP-

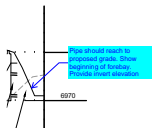
Subject: Highlight
Page Index: 26
Date: 4/8/2024 1:19:44 PM
Author: CDurham
Color: 
Layer:
Space:
Page Label: [1] 26 STORM PLAN & PROFILE


6.54

24" RCP-
AT 0.44%

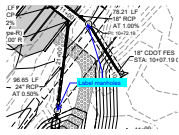
Subject: Highlight
Page Index: 26
Date: 4/8/2024 1:20:00 PM
Author: CDurham
Color: 
Layer:
Space:
Page Label: [1] 26 STORM PLAN & PROFILE

0.44%



Subject: Callout
Page Index: 26
Date: 4/8/2024 1:21:05 PM
Author: CDurham
Color: 
Layer:
Space:
Page Label: [1] 26 STORM PLAN & PROFILE

Pipe should reach to proposed grade. Show beginning of forebay. Provide invert elevation



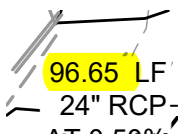
Subject: Callout
Page Index: 26
Date: 4/8/2024 1:21:42 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] 26 STORM PLAN & PROFILE

Label manholes



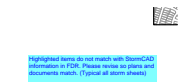
Subject: Text Box
Page Index: 26
Date: 4/8/2024 1:59:49 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] 26 STORM PLAN & PROFILE

Label all storm infrastructure as public or private (All storm sheets)



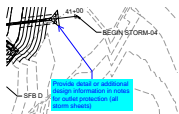
Subject: Highlight
Page Index: 26
Date: 4/8/2024 1:22:43 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] 26 STORM PLAN & PROFILE

96.65



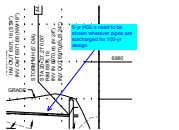
Subject: Text Box
Page Index: 26
Date: 4/8/2024 1:49:09 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] 26 STORM PLAN & PROFILE

Highlighted items do not match with StormCAD information in FDR. Please revise so plans and documents match. (Typical all storm sheets)



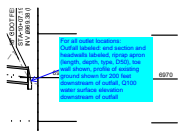
Subject: Callout
Page Index: 26
Date: 4/8/2024 1:59:37 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] 26 STORM PLAN & PROFILE

Provide detail or additional design information in notes for outlet protection (all storm sheets)



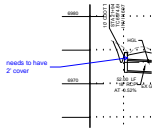
Subject: Callout
Page Index: 26
Date: 4/8/2024 2:26:59 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] 26 STORM PLAN & PROFILE

5-yr HGL's need to be shown wherever pipes are surcharged for 100-yr design



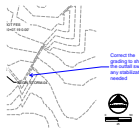
Subject: Callout
Page Index: 26
Date: 4/9/2024 4:25:34 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] 26 STORM PLAN & PROFILE

For all outlet locations:
 Outfall labeled: end section and headwalls labeled, riprap apron (length, depth, type, D50), toe wall shown, profile of existing ground shown for 200 feet downstream of outfall, Q100 water surface elevation downstream of outfall



Subject: Callout
Page Index: 26
Date: 4/10/2024 9:38:58 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [1] 26 STORM PLAN & PROFILE

needs to have 2' cover



Subject: Callout
Page Index: 26
Date: 4/10/2024 10:17:10 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [1] 26 STORM PLAN & PROFILE

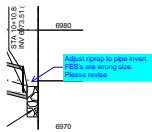
Correct the grading to show the outfall swale, any stabilization needed

27 (18)

167.83 LF
 30" RCP
 AT 2.53%

Subject: Highlight
Page Index: 27
Date: 4/8/2024 1:50:22 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [2] 27 STORM PLAN & PROFILE

167.83 LF



Subject: Callout
Page Index: 27
Date: 4/8/2024 1:51:19 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [2] 27 STORM PLAN & PROFILE


Adjust riprap to pipe invert. FES's are wrong size. Please revise

167.83 LF
 30" RCP
 AT 2.53%

Subject: Highlight
Page Index: 27
Date: 4/8/2024 1:51:32 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [2] 27 STORM PLAN & PROFILE


167.83

Show gas line

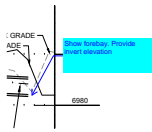
Subject: Text Box
Page Index: 27
Date: 4/8/2024 1:51:54 PM
Author: CDurham
Color: 
Layer:
Space:
Page Label: [2] 27 STORM PLAN & PROFILE


Show gas line

30.68 LF
18" RCP

Subject: Highlight
Page Index: 27
Date: 4/8/2024 1:53:19 PM
Author: CDurham
Color: 
Layer:
Space:
Page Label: [2] 27 STORM PLAN & PROFILE


30.68



Subject: Callout
Page Index: 27
Date: 4/8/2024 1:54:39 PM
Author: CDurham
Color: 
Layer:
Space:
Page Label: [2] 27 STORM PLAN & PROFILE


Show forebay. Provide invert elevation

18 LF
RCP

Subject: Highlight
Page Index: 27
Date: 4/8/2024 1:54:24 PM
Author: CDurham
Color: 
Layer:
Space:
Page Label: [2] 27 STORM PLAN & PROFILE


F

0.00' R
30.68 LF
18" RCP

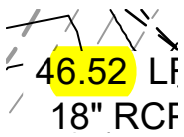
Subject: Highlight
Page Index: 27
Date: 4/8/2024 1:54:26 PM
Author: CDurham
Color: 
Layer:
Space:
Page Label: [2] 27 STORM PLAN & PROFILE


30.68

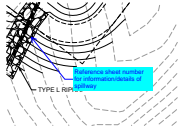
46.52 LF
18" RCP


Subject: Highlight
Page Index: 27
Date: 4/8/2024 1:55:33 PM
Author: CDurham
Color: 
Layer:
Space:
Page Label: [2] 27 STORM PLAN & PROFILE

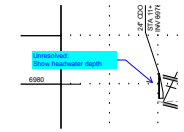
46.52



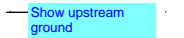
Subject: Highlight
Page Index: 27
Date: 4/8/2024 1:56:03 PM
Author: CDurham
Color: 
Layer:
Space:
Page Label: [2] 27 STORM PLAN & PROFILE



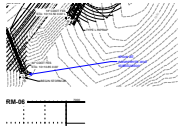
Subject: Callout
Page Index: 27
Date: 4/8/2024 1:56:47 PM
Author: CDurham
Color: 
Layer:
Space:
Page Label: [2] 27 STORM PLAN & PROFILE




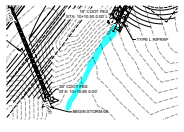
Subject: Callout
Page Index: 27
Date: 4/8/2024 1:58:05 PM
Author: CDurham
Color: 
Layer:
Space:
Page Label: [2] 27 STORM PLAN & PROFILE




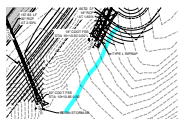
Subject: Text Box
Page Index: 27
Date: 4/8/2024 3:13:38 PM
Author: CDurham
Color: 
Layer:
Space:
Page Label: [2] 27 STORM PLAN & PROFILE



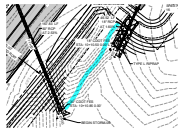
Subject: Callout
Page Index: 27
Date: 4/10/2024 10:18:23 AM
Author: Jeff Rice - EPC Engineering Review
Color: 
Layer:
Space:
Page Label: [2] 27 STORM PLAN & PROFILE



Subject:
Page Index: 27
Date: 4/10/2024 10:18:38 AM
Author: Jeff Rice - EPC Engineering Review
Color: 
Layer:
Space:
Page Label: [2] 27 STORM PLAN & PROFILE



Subject:
 Page Index: 27
 Date: 4/10/2024 10:19:00 AM
 Author: Jeff Rice - EPC Engineering Review
 Color: ■
 Layer:
 Space:
 Page Label: [2] 27 STORM PLAN & PROFILE

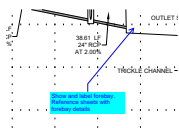


Subject:
 Page Index: 27
 Date: 4/10/2024 10:19:12 AM
 Author: Jeff Rice - EPC Engineering Review
 Color: ■
 Layer:
 Space:
 Page Label: [2] 27 STORM PLAN & PROFILE



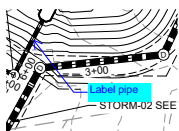
Subject:
 Page Index: 27
 Date: 4/10/2024 10:19:27 AM
 Author: Jeff Rice - EPC Engineering Review
 Color: ■
 Layer:
 Space:
 Page Label: [2] 27 STORM PLAN & PROFILE

28 (34)



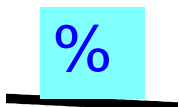
Subject: Callout
 Page Index: 28
 Date: 4/8/2024 2:29:04 PM
 Author: CDurham
 Color: ■
 Layer:
 Space:
 Page Label: [3] 28 STORM PLAN AND PROFILE

Show and label forebay. Reference sheets with forebay details



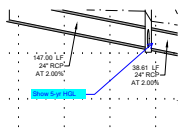
Subject: Callout
 Page Index: 28
 Date: 4/8/2024 2:43:34 PM
 Author: CDurham
 Color: ■
 Layer:
 Space:
 Page Label: [3] 28 STORM PLAN AND PROFILE

Label pipe



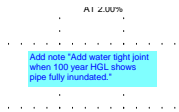
Subject: Text Box
 Page Index: 28
 Date: 4/8/2024 2:29:49 PM
 Author: CDurham
 Color: ■
 Layer:
 Space:
 Page Label: [3] 28 STORM PLAN AND PROFILE

%



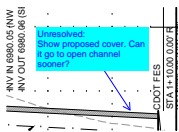
Subject: Callout
Page Index: 28
Date: 4/8/2024 2:31:18 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [3] 28 STORM PLAN AND PROFILE

Show 5-yr HGL



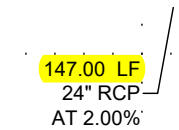
Subject: Text Box
Page Index: 28
Date: 4/9/2024 4:30:29 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [3] 28 STORM PLAN AND PROFILE

Add note "Add water tight joint when 100 year HGL shows pipe fully inundated."



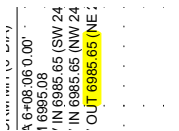
Subject: Callout
Page Index: 28
Date: 4/8/2024 2:33:55 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [3] 28 STORM PLAN AND PROFILE

Unresolved:
 Show proposed cover. Can it go to open channel sooner?



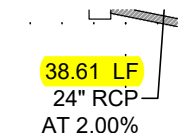
Subject: Highlight
Page Index: 28
Date: 4/8/2024 2:35:39 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [3] 28 STORM PLAN AND PROFILE

147.00 LF



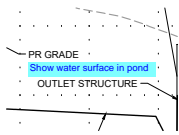
Subject: Highlight
Page Index: 28
Date: 4/8/2024 2:36:33 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [3] 28 STORM PLAN AND PROFILE

T 6985.65 (



Subject: Highlight
Page Index: 28
Date: 4/8/2024 2:36:41 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [3] 28 STORM PLAN AND PROFILE

38.61 LF



Subject: Text Box
Page Index: 28
Date: 4/8/2024 2:37:37 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [3] 28 STORM PLAN AND PROFILE

Show water surface in pond

TORM MH (6' DIA.)
TA 4+02.99 0.00'
IN 6981.12
NV N 6982.80 (W
N IN 6981.10 (SW
N OUT 6980.81 (E

Subject: Highlight
Page Index: 28
Date: 4/8/2024 2:39:16 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [3] 28 STORM PLAN AND PROFILE

N 6982.80

25.58 LF
18" RCF

Subject: Highlight
Page Index: 28
Date: 4/8/2024 2:39:36 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [3] 28 STORM PLAN AND PROFILE

25.58

18" RCP
T 1.46%

Subject: Highlight
Page Index: 28
Date: 4/8/2024 2:39:38 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [3] 28 STORM PLAN AND PROFILE

.46%

4+02.99 0.00'
3991.12
IN 6982.80 (W 1
N 6981.10 (SW 2
OUT 6980.81 (E

Subject: Highlight
Page Index: 28
Date: 4/8/2024 2:40:18 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [3] 28 STORM PLAN AND PROFILE


6980.81

CRM MH (6' DIA)
A 3+27.90 0.00'
1 6985.73
IN 6980.43 (W
OUT 6980.44 (


Subject: Highlight
Page Index: 28
Date: 4/8/2024 2:40:29 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [3] 28 STORM PLAN AND PROFILE

6980.43


69.11 LF
42" RCP

Subject: Highlight
Page Index: 28 69.11
Date: 4/8/2024 2:40:41 PM
Author: CDurham
Color: 
Layer:
Space:
Page Label: [3] 28 STORM PLAN AND PROFILE


4+27.90 0.00'
985.73
6980.43 (W 42'
UT 6980.44 (SE

Subject: Highlight
Page Index: 28 6980.44
Date: 4/8/2024 2:41:05 PM
Author: CDurham
Color: 
Layer:
Space:
Page Label: [3] 28 STORM PLAN AND PROFILE


ORM MH (6' DIA)
A 2+49.83 0.00'
M 6984.94
/ IN 6980.05 (NW
/ OUT 6980.06 (

Subject: Highlight
Page Index: 28 6980.05
Date: 4/8/2024 2:41:17 PM
Author: CDurham
Color: 
Layer:
Space:
Page Label: [3] 28 STORM PLAN AND PROFILE


72.10 LF
42" RCP

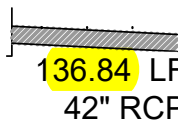
Subject: Highlight
Page Index: 28 72.10
Date: 4/8/2024 2:41:25 PM
Author: CDurham
Color: 
Layer:
Space:
Page Label: [3] 28 STORM PLAN AND PROFILE

RM MH (6' DIA)
2+49.83 0.00'
5984.94
N 6980.05 (NW 42'
OUT 6980.06 (SE

Subject: Highlight
Page Index: 28 6980.06 (
Date: 4/8/2024 2:41:49 PM
Author: CDurham
Color: 
Layer:
Space:
Page Label: [3] 28 STORM PLAN AND PROFILE

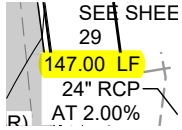
DOT FES
STA 1+10.00 0.00'
NW 6979.36 (NW

Subject: Highlight
Page Index: 28 6979.36
Date: 4/8/2024 2:42:17 PM
Author: CDurham
Color: 
Layer:
Space:
Page Label: [3] 28 STORM PLAN AND PROFILE



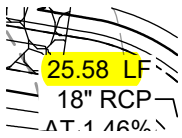
136.84 LF
42" RCF

Subject: Highlight
Page Index: 28 36.84
Date: 4/8/2024 2:42:24 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [3] 28 STORM PLAN AND PROFILE



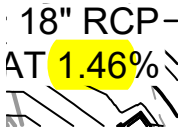
147.00 LF
24" RCP
AT 2.00%

Subject: Highlight
Page Index: 28 147.00 LF
Date: 4/8/2024 2:42:59 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [3] 28 STORM PLAN AND PROFILE



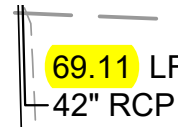
25.58 LF
18" RCP
AT 1.46%

Subject: Highlight
Page Index: 28 25.58 L
Date: 4/8/2024 2:43:52 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [3] 28 STORM PLAN AND PROFILE



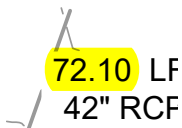
18" RCP-
AT 1.46%

Subject: Highlight
Page Index: 28 1.46
Date: 4/8/2024 2:44:14 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [3] 28 STORM PLAN AND PROFILE



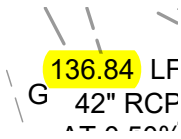
69.11 LF
42" RCP

Subject: Highlight
Page Index: 28 69.11
Date: 4/8/2024 2:44:36 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [3] 28 STORM PLAN AND PROFILE

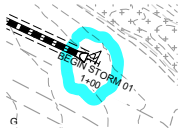


72.10 LF
42" RCF

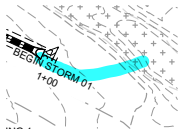
Subject: Highlight
Page Index: 28 72.10
Date: 4/8/2024 2:44:38 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [3] 28 STORM PLAN AND PROFILE



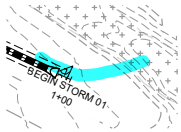
Subject: Highlight
Page Index: 28
Date: 4/8/2024 2:44:47 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [3] 28 STORM PLAN AND PROFILE



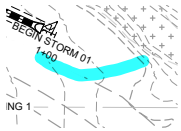
Subject:
Page Index: 28
Date: 4/10/2024 10:19:53 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [3] 28 STORM PLAN AND PROFILE



Subject:
Page Index: 28
Date: 4/10/2024 10:20:23 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [3] 28 STORM PLAN AND PROFILE



Subject:
Page Index: 28
Date: 4/10/2024 10:20:40 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [3] 28 STORM PLAN AND PROFILE

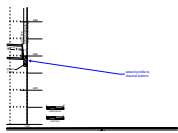


Subject:
Page Index: 28
Date: 4/10/2024 10:20:35 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [3] 28 STORM PLAN AND PROFILE



Subject: Callout
Page Index: 28
Date: 4/10/2024 10:21:10 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [3] 28 STORM PLAN AND PROFILE

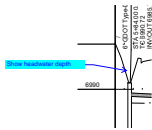
show all easements and stabilization



Subject: Callout
Page Index: 28
Date: 4/10/2024 10:21:28 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [3] 28 STORM PLAN AND PROFILE

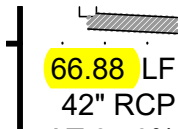
extend profile to channel bottom

29 (14)



Subject: Callout
Page Index: 29
Date: 4/8/2024 2:46:12 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [4] 29 STORM PLAN AND PROFILE

Show headwater depth



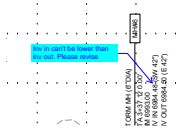
Subject: Highlight
Page Index: 29
Date: 4/8/2024 2:55:19 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [4] 29 STORM PLAN AND PROFILE

66.88

ORM MH (6' DIA)
 A 3+37.12 0.00'
 V 6993.00
 V IN 6984.48 (SW)
 V OUT 6984.50 (E)

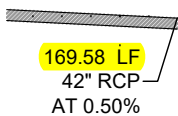
Subject: Highlight
Page Index: 29
Date: 4/8/2024 2:56:00 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [4] 29 STORM PLAN AND PROFILE

6984.48



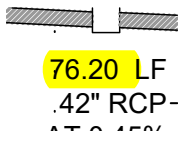
Subject: Callout
Page Index: 29
Date: 4/8/2024 2:56:25 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [4] 29 STORM PLAN AND PROFILE

Inv in can't be lower than inv out. Please revise

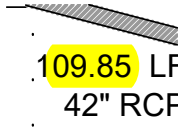


Subject: Highlight
Page Index: 29
Date: 4/8/2024 2:56:46 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [4] 29 STORM PLAN AND PROFILE

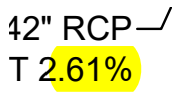
169.58 LF



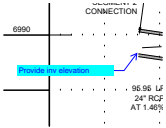
Subject: Highlight
Page Index: 29 76.20
Date: 4/8/2024 2:57:21 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [4] 29 STORM PLAN AND PROFILE



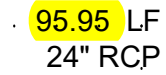
Subject: Highlight
Page Index: 29 09.85
Date: 4/8/2024 2:58:34 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [4] 29 STORM PLAN AND PROFILE



Subject: Highlight
Page Index: 29 .61%
Date: 4/8/2024 2:58:43 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [4] 29 STORM PLAN AND PROFILE



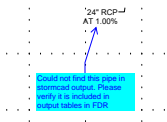
Subject: Callout
Page Index: 29 Provide inv elevation
Date: 4/8/2024 3:02:47 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [4] 29 STORM PLAN AND PROFILE



Subject: Highlight
Page Index: 29 95.95
Date: 4/8/2024 3:02:57 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [4] 29 STORM PLAN AND PROFILE

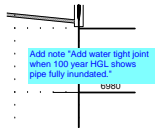


Subject: Highlight
Page Index: 29 1.46
Date: 4/8/2024 3:03:24 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [4] 29 STORM PLAN AND PROFILE



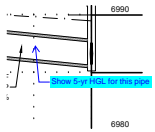
Subject: Callout
Page Index: 29
Date: 4/8/2024 3:07:21 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [4] 29 STORM PLAN AND PROFILE

Could not find this pipe in stormcad output. Please verify it is included in output tables in FDR



Subject: Text Box
Page Index: 29
Date: 4/9/2024 4:31:53 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [4] 29 STORM PLAN AND PROFILE

Add note "Add water tight joint when 100 year HGL shows pipe fully inundated."



Subject: Callout
Page Index: 29
Date: 4/9/2024 4:31:56 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [4] 29 STORM PLAN AND PROFILE

Show 5-yr HGL for this pipe