

ENG-SF23007-R1-FDR.pdf Markup Summary

1 (2)

):
5 **&SF237**

Subject: SW - Textbox
Page Index: 1
Date: 4/19/2023 3:12:36 PM
Author: Mikayla Hartford
Color: ■
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Page Label: 1

&SF237



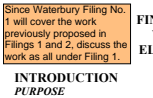
Subject: Stamp - Stormwater Comment Legend
Page Index: 1
Date: 4/19/2023 3:33:53 PM
Author: Mikayla Hartford
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Page Label: 1

3 (1)



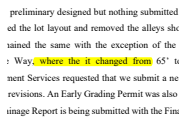
Subject: Snapshot
Page Index: 3
Date: 4/28/2023 8:50:59 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: 3

4 (3)



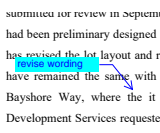
Subject: SW - Textbox
Page Index: 4
Date: 4/19/2023 3:52:05 PM
Author: Mikayla Hartford
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Since Waterbury Filing No. 1 will cover the work previously proposed in Filings 1 and 2, discuss the work as all under Filing 1.



Subject: Highlight
Page Index: 4
Date: 4/27/2023 10:26:45 AM
Author: CDurham
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where the it changed from




Subject: Callout
Page Index: 4
Date: 4/27/2023 10:27:01 AM
Author: CDurham
Color: ■
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revise wording

ultimately the Arkansas River.


PROJECT CHARACTERISTICS
Waterbury Filings 1 & 2 consist of developed over time and in plans have all been previously with 115 single family units.

Subject: SW - Highlight
Page Index: 5
Date: 4/19/2023 4:48:06 PM
Author: Mikayla Hartford
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Waterbury Filings 1 & 2

Small Rural Drainage Basin at High Flow. This basin is a check of existing conditions. This is included from the Basin Study (BDS) and is included as part of the final plan for the Basin. The basin is currently shown to be in the Basin Study and includes the following:


Basin Study
This is a study of the basin and is a part of a larger development of 1122 acres to be developed in the Basin. The basin is currently shown to be in the Basin Study and includes the following:

Subject: SW - Textbox with Arrow
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Author: Mikayla Hartford
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Typical throughout - since Waterbury Filings 1 & 2 are combined just label as Waterbury Filing 1.

of 61.88 ac

multiple filings


Subject: SW - Highlight
Page Index: 5
Date: 4/19/2023 4:52:07 PM
Author: Mikayla Hartford
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Page Label: 5

61.88

Basin Study

Basin Study


Basin Study

Subject: SW - Textbox with Arrow
Page Index: 5
Date: 4/20/2023 1:12:23 PM
Author: Mikayla Hartford
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Page Label: 5

Discuss why total acreage of 61.88 is different than the disturbed area of 68 ac.


the crossing. This is excluded from the II Ranch DBPS, per the County." These 2 ultimately the Arkansas River.

PROJECT CHARACTERISTICS
Waterbury Filings 1 & 2 consists of 61.88 be developed over time and in multiple fill plans have all been previously processed in with 115 single family units, while Filing:

Subject: SW - Highlight
Page Index: 5
Date: 4/19/2023 4:52:42 PM
Author: Mikayla Hartford
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PROJECT CHARACTERISTICS

County Commission requesting a narrowing the footprint from existing to 2000 LOMR (2000-2012) using a 100-300 analysis. The channel from the 100-300 analysis would cross the Basin Study area (11) south of Republic Drive with proposed and existing flood protection measures based on the Basin Study and existing flood protection measures. This is included as part of the final plan for the Basin. The basin is currently shown to be in the Basin Study and includes the following:

Subject: Text Box
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See RBD Floodplain comments. Verify whether a CLOMR will be provided or a no-rise certification and LOMR.

7 (3)

EXISTING CONDITIONS:
In the existing condition runoff from is directed southwest and southeast site. Below is a description of the e

Subject: SW - Highlight
Page Index: 7
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Author: Mikayla Hartford
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EXISTING CONDITIONS

Update description if F1 and F2 will be constructed together.

off from Filing 2 sheet flows south the east overlaid to the existing cl

Subject: SW - Textbox
Page Index: 7
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Author: Mikayla Hartford
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Update description if F1 and F2 will be constructed together.

The geotechnical report stated groundwater was encountered at a depth of 6.5'. This depth is fairly shallow especially with the proposed ponds which will be lower than existing grade. Discuss how the shallow groundwater will be addressed. (clay or geosynthetic liners, underdrains, dewatering during construction, etc)

if there were any Filings 1 and 2 from here the runoff existing channels on the west and east side of the site's Design Point. Basins and site runoff.

Subject: SW - Textbox
Page Index: 7
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Author: Mikayla Hartford
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The geotechnical report stated groundwater was encountered at a depth of 6.5'. This depth is fairly shallow especially with the proposed ponds which will be lower than existing grade. Discuss how the shallow groundwater will be addressed. (clay or geosynthetic liners, underdrains, dewatering during construction, etc)

8 (1)

6" **DONE** cul
s) under East

Subject:
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Author: Jeff Rice - EPC Engineering Review
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DONE

9 (2)

; requiring its own final
bury Filings 1 & 2 dev
y to the storm drain sy
developed to analyze the

Subject: SW - Highlight
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Author: Mikayla Hartford
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Filings 1 & 2

, Q₁₀₀ = 396 cfs (See Classic Consulting or considered a viable solution to treating

Since Filings 1 and 2 are combined call out as Filing 1.

nch filing requiring its own final drainage for Waterbury Filings 1 & 2 development h tributary to the storm drain system and = fully developed to analyze the ultimate

Subject: SW - Textbox with Arrow
Page Index: 9
Date: 4/20/2023 7:49:48 AM
Author: Mikayla Hartford
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Since filings 1 and 2 are combined call out as Filing 1.



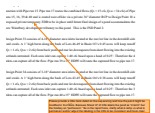
Subject: SW - Highlight
Page Index: 17
Date: 4/20/2023 12:38:11 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
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proposed private temporary EDB to be in place until future final design of a pond accommodates the new Waterbury development tributary to this pond. This is the FSD Pond 2.

9 & 40 and is rou
ate temporary ED
ry development tr

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temporary



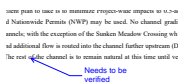
Subject: SW - Textbox with Arrow
Page Index: 17
Date: 4/20/2023 12:44:11 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
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Page Label: 17

Please provide a little more detail on the sequencing and how the pond might be modified in the future. Because Sheet 37 of CDs labels the pond as "interim" but the forebay as "permanent." So in the report here, clarify what is temp vs what is permanent and/or adjust the labeling in the CDs to be consistent and more clear.



Subject:
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Author: Jeff Rice - EPC Engineering
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The rest of the channel is to remain natural at this time until verified with final design review.



Subject: Callout
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Author: Jeff Rice - EPC Engineering
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Needs to be verified



Subject: Highlight
Page Index: 28
Date: 4/25/2023 6:14:38 PM
Author: eschoenheit
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At the time of the Final Drainage Report and Construction Drawings a check structure with a more detailed analysis of this cross section will be looked at to help change this from a critical water surfac



Subject: Highlight
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Date: 4/25/2023 6:14:42 PM
Author: eschoenheit
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The results are all below the allowable ranges and by armoring with selective riprap bank stabilization from station 1950 to station 1850 and planting cattails & other tall grasses we believe this will keep the channel stabl



Subject: Callout
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Author: Jeff Rice - EPC Engineering
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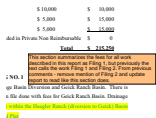
Provide detailed analysis.

31 (6)



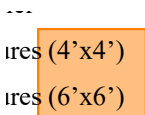
Subject: SW - Highlight
Page Index: 31
Date: 4/20/2023 8:19:41 AM
Author: Mikayla Hartford
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DRAINAGE FEES WATERBURY FILING NO. 1



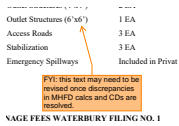
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Page Index: 31
Date: 4/20/2023 8:21:15 AM
Author: Mikayla Hartford
Color: ■
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Page Label: 31

This section summarizes the fees for all work described in this report as Filing 1, but previously the text calls the work Filing 1 and Filing 2. From previous comments - remove mention of Filing 2 and update report to read like this section does.



Subject: SW - Rectangle
Page Index: 31
Date: 4/20/2023 12:32:01 PM
Author: Glenn Reese - EPC Stormwater
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FYI: this text may need to be revised once discrepancies in MHFD calcs and CDs are resolved.

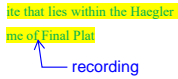


Subject: SW - Textbox with Arrow
Page Index: 31
Date: 4/20/2023 12:32:39 PM
Author: Glenn Reese - EPC Stormwater
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Subject: Cloud+
Page Index: 31
Date: 4/28/2023 1:40:11 PM
Author: eschoenheit
Color: ■
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Update to 2023
 \$12,985 and \$1,916



Subject: Callout
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Date: 4/28/2023 1:40:56 PM
Author: Jeff Rice - EPC Engineering
Color: ■
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recording

32 (3)



Subject: SW - Textbox
Page Index: 32
Date: 4/20/2023 1:10:08 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
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Per DCMv2 – Chap 4.2, trickle channel should at a minimum provide capacity equal to twice the release capacity at the upstream forebay outlet. Provide these calcs in the drainage report and revise plans as needed.



Subject: SW - Textbox
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Author: Mikayla Hartford
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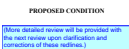
-Discuss why a cutoff wall was not provided.
 -Discuss why riprap was not provided for the spillway for pond 1 and provide riprap calculation for all spillway riprap.



Subject: Cloud+
Page Index: 32
Date: 4/28/2023 1:38:42 PM
Author: eschoenheit
Color: ■
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The FSD are not reimbursable per DBPS (not approved); remove fee reduction

53 (1)



Subject: Text Box
Page Index: 53
Date: 4/28/2023 1:35:08 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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(More detailed review will be provided with the next review upon clarification and corrections of these redlines.)

2.00
3.58
0 86

Subject: Highlight
Page Index: 54
Date: 4/28/2023 9:28:46 AM
Author: CDurham
Color: ■
Layer:
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3.58

0.00
1.46
4 97

Subject: Highlight
Page Index: 54
Date: 4/28/2023 9:28:50 AM
Author: CDurham
Color: ■
Layer:
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1.46

0.00
3.79
2 00

Subject: Highlight
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Date: 4/28/2023 9:28:55 AM
Author: CDurham
Color: ■
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Space:
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3.79

MS	0.20	0.20
N	0.22	0.22
O1	2.82	2.82
O2	0.71	0.71

Highlighted basin areas do not match drainage map

Subject: Text Box
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Author: CDurham
Color: ■
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Page Label: 58

Highlighted basin areas do not match drainage map

OS-R	1.84	0.00
OS-S1	0.31	0.00
OS-S2	0.13	0.00
OS-T2	0.20	0.00

Why are some basins bold?

Classic Consulting
171500 FDR

Subject: Text Box
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Author: CDurham
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Why are some basins bold?

1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
18	18	18
19	19	19
20	20	20

Number 7A & 7B

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Author: CDurham
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Page Label: 62

Add DP 7A & 7B

Subject: Callout
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Date: 4/28/2023 9:31:02 AM
Author: CDurham
Color: ■
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Page Label: 62

DP not shown on drainage map. Please add

5, I, OS-& MEI
E RELE

Subject: Highlight
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Date: 4/28/2023 9:31:19 AM
Author: CDurham
Color: ■
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Page Label: 62

OS-&

Subject: Callout
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Date: 4/28/2023 9:31:36 AM
Author: CDurham
Color: ■
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Page Label: 62

OS-10A

59 (3)

Subject: Callout
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Date: 4/28/2023 9:32:40 AM
Author: CDurham
Color: ■
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Looks like there should be an offsite basin included at this DP. See additional note on drainage map

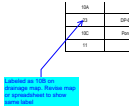
Subject: Callout
Page Index: 59
Date: 4/28/2023 10:00:13 AM
Author: CDurham
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Page Label: 63

Inlet size listed does not match inlet size on inlet capacity chart in Hydraulics section of appendix

Subject: Callout
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Author: CDurham
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Include number of inlets

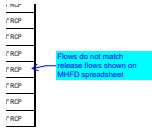
60 (1)



Subject: Callout
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Date: 4/28/2023 9:50:37 AM
Author: CDurham
Color: ■
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Page Label: 64

Labeled as 10B on drainage map. Revise map or spreadsheet to show same label

61 (1)



Subject: Callout
Page Index: 61
Date: 4/28/2023 9:54:01 AM
Author: CDurham
Color: ■
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Page Label: 65

Flows do not match release flows shown on MHFD spreadsheet

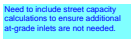
62 (1)



Subject: Text Box
Page Index: 62
Date: 4/28/2023 9:51:06 AM
Author: CDurham
Color: ■
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Page Label: 66

DP

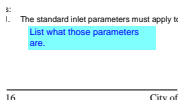
64 (1)



Subject: Text Box
Page Index: 64
Date: 4/28/2023 10:06:02 AM
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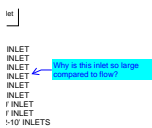
Need to include street capacity calculations to ensure additional at-grade inlets are not needed.

65 (2)



Subject: Text Box
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Date: 4/28/2023 9:55:25 AM
Author: CDurham
Color: ■
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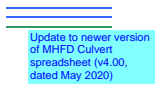
List what those parameters are.



Subject: Callout
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Date: 4/28/2023 10:00:46 AM
Author: CDurham
Color: ■
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Why is this inlet so large compared to flow?

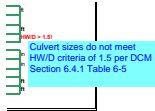
114 (1)



Subject: Text Box
Page Index: 114
Date: 4/28/2023 10:15:33 AM
Author: CDurham
Color: ■
Layer:
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Page Label: 143

Update to newer version of MHFD Culvert spreadsheet (v4.00, dated May 2020)

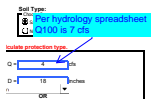
116 (1)



Subject: Text Box
Page Index: 116
Date: 4/28/2023 11:05:57 AM
Author: CDurham
Color: ■
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Page Label: 145

Culvert sizes do not meet HW/D criteria of 1.5 per DCM Section 6.4.1 Table 6-5

119 (1)



Subject: Callout
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Author: CDurham
Color: ■
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Per hydrology spreadsheet Q100 is 7 cfs

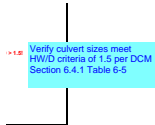
120 (1)



Subject: Callout
Page Index: 120
Date: 4/28/2023 11:11:27 AM
Author: CDurham
Color: ■
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CD's show inv out at 6918.00

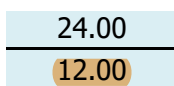
122 (1)



Subject: Text Box
Page Index: 122
Date: 4/28/2023 11:11:47 AM
Author: CDurham
Color: ■
Layer:
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Page Label: 151

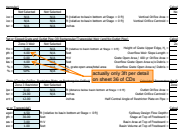
Verify culvert sizes meet HW/D criteria of 1.5 per DCM Section 6.4.1 Table 6-5

130 (10)



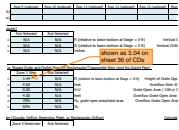
Subject: SW - Highlight
Page Index: 130
Date: 4/20/2023 9:01:01 AM
Author: Mikayla Hartford
Color: ■
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12.00



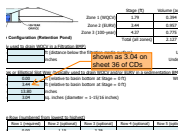
Subject: SW - Textbox with Arrow
Page Index: 130
Date: 4/20/2023 12:00:03 PM
Author: Glenn Reese - EPC Stormwater
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actually only 3ft per detail on sheet 36 of CDs



Subject: SW - Textbox with Arrow
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Author: Glenn Reese - EPC Stormwater
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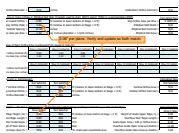
shown as 3.04 on sheet 36 of CDs



Subject: SW - Textbox with Arrow
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Date: 4/20/2023 11:44:54 AM
Author: Glenn Reese - EPC Stormwater
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shown as 3.04 on sheet 36 of CDs

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Subject: SW - Textbox with Arrow
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Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: 184

3.06" per plans. Verify and update so both match.

3.09
12.40
1.34

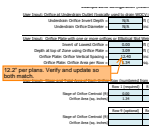
Subject: SW - Highlight
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Author: Mikayla Hartford
Color: ■
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12.40

0.00
3.09
12.40

Subject: SW - Highlight
Page Index: 136
Date: 4/20/2023 9:48:39 AM
Author: Mikayla Hartford
Color: ■
Layer:
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Page Label: 184

3.09



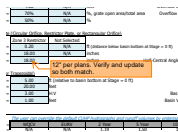
Subject: SW - Textbox with Arrow
Page Index: 136
Date: 4/20/2023 9:49:45 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: 184

12.2" per plans. Verify and update so both match.

18.00
 18.00

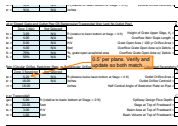
Subject: SW - Highlight
Page Index: 136
Date: 4/20/2023 9:54:51 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: 184

18.00



Subject: SW - Textbox with Arrow
Page Index: 136
Date: 4/20/2023 9:55:23 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: 184

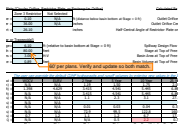
12" per plans. Verify and update so both match.



Subject: SW - Textbox with Arrow
Page Index: 136
Date: 4/20/2023 11:59:16 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: 184

0.5' per plans. Verify and update so both match.

142 (15)



Subject: SW - Textbox with Arrow
Page Index: 142
Date: 4/20/2023 10:34:47 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: 190

60' per plans. Verify and update so both match.

6.10
 80.00
 3.00

Subject: SW - Highlight
Page Index: 142
Date: 4/20/2023 10:34:51 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: 190

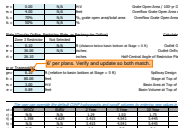
80.00

apezoidal)

6.10
80.00

Subject: SW - Highlight
Page Index: 142
Date: 4/20/2023 10:34:53 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: 190

6.10



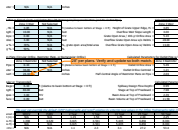
Subject: SW - Textbox with Arrow
Page Index: 142
Date: 4/20/2023 10:44:25 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: 190

6' per plans. Verify and update so both match.

36.00
26.10

Subject: SW - Highlight
Page Index: 142
Date: 4/20/2023 10:43:39 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: 190

26.10



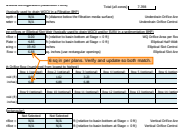
Subject: SW - Textbox with Arrow
Page Index: 142
Date: 4/20/2023 10:44:20 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: 190

28" per plans. Verify and update so both match.

19.40
6.88

Subject: SW - Highlight
Page Index: 142
Date: 4/20/2023 10:47:09 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: 190


6.88



Subject: SW - Textbox with Arrow
Page Index: 142
Date: 4/20/2023 1:05:09 PM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: 190


6 sq in per plans. Verify and update so both match.

0.00
4.85
19.40

Subject: SW - Highlight
Page Index: 142
Date: 4/20/2023 10:48:15 AM
Author: Mikayla Hartford
Color: 
Layer:
Space:
Page Label: 190


4.85

SW 2 (OPTIONAL)
1.62
6.88

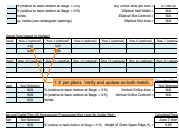
Subject: SW - Highlight
Page Index: 142
Date: 4/20/2023 10:48:17 AM
Author: Mikayla Hartford
Color: 
Layer:
Space:
Page Label: 190


1.62

SW 3 (OPTIONAL)
3.23
6.88

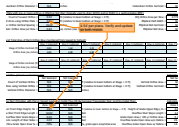
Subject: SW - Highlight
Page Index: 142
Date: 4/20/2023 10:48:22 AM
Author: Mikayla Hartford
Color: 
Layer:
Space:
Page Label: 190


3.23



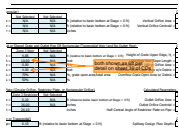
Subject: SW - Textbox with Arrow
Page Index: 142
Date: 4/20/2023 10:49:05 AM
Author: Mikayla Hartford
Color: 
Layer:
Space:
Page Label: 190


1.5' per plans. Verify and update so both match.



Subject: SW - Textbox with Arrow
Page Index: 142
Date: 4/20/2023 1:05:02 PM
Author: Mikayla Hartford
Color: 
Layer:
Space:
Page Label: 190

4.54' per plans. Verify and update so both match.



Subject: SW - Textbox with Arrow
Page Index: 142
Date: 4/20/2023 12:13:07 PM
Author: Glenn Reese - EPC Stormwater
Color: 
Layer:
Space:
Page Label: 190

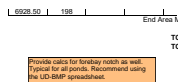
both shown as 6ft per detail on sheet 39 of CDs



Subject: SW - Textbox with Arrow
Page Index: 142
Date: 4/20/2023 1:07:21 PM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: 190

Update spreadsheet and verify so errors are fixed.

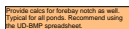
145 (1)



Subject: SW - Textbox
Page Index: 145
Date: 4/20/2023 1:16:23 PM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: 193

Provide calcs for forebay notch as well. Typical for all ponds. Recommend using the UD-BMP spreadsheet.

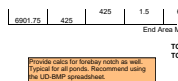
146 (1)



Subject: SW - Textbox
Page Index: 146
Date: 4/20/2023 1:16:50 PM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: 194

Provide calcs for forebay notch as well. Typical for all ponds. Recommend using the UD-BMP spreadsheet.

147 (1)



Subject: SW - Textbox
Page Index: 147
Date: 4/20/2023 1:16:53 PM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: 195

Provide calcs for forebay notch as well. Typical for all ponds. Recommend using the UD-BMP spreadsheet.

159 (2)



Subject:
Page Index: 159
Date: 4/28/2023 10:50:30 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: 209

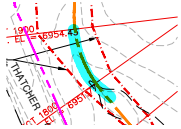
Drop Structure may need to be added at time of Final Drainage Report and Construction Drawings.



Subject: Callout
Page Index: 159
Date: 4/28/2023 10:56:54 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: 209

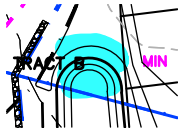
See comment memo

291 (1)

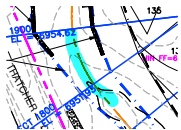


Subject:
Page Index: 291
Date: 4/28/2023 10:52:09 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [1] Layout1 (2)

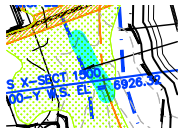
292 (4)



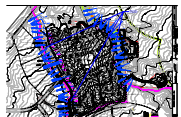
Subject:
Page Index: 292
Date: 4/28/2023 10:53:04 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [1] Layout1



Subject:
Page Index: 292
Date: 4/28/2023 10:53:33 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [1] Layout1



Subject:
Page Index: 292
Date: 4/28/2023 10:54:31 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [1] Layout1



Subject: Callout
Page Index: 292
Date: 4/28/2023 10:55:49 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [1] Layout1

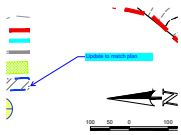
Specific areas of concern that need to be addressed.

294 (6)



Subject: Callout
Page Index: 294
Date: 4/27/2023 4:22:32 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] EX 1

Label all existing storm facilities



Subject: Callout
Page Index: 294
Date: 4/27/2023 4:22:55 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] EX 1

Update to match plan



Subject: Text Box
Page Index: 294
Date: 4/27/2023 4:23:19 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] EX 1

Add riprap to legend

NO.	DATE	BY	DESCRIPTION
001	4/27/2023	CD	Initial design
002	4/27/2023	CD	Revised design
003	4/27/2023	CD	Final design
004	4/27/2023	CD	As-built

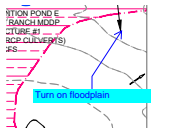
Subject: Callout
Page Index: 294
Date: 4/27/2023 4:24:47 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] EX 1

Not shown on map. Add to plan or remove from list. If remains, add to basin summary below



Subject: Callout
Page Index: 294
Date: 4/27/2023 4:42:26 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] EX 1

Label road



Subject: Callout
Page Index: 294
Date: 4/27/2023 4:43:52 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] EX 1

Turn on floodplain

295 (26)



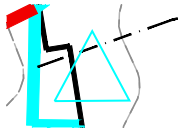
Subject: Text Box
Page Index: 295
Date: 4/27/2023 4:25:27 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] EX 2

Show and label boundary



Subject: Callout
Page Index: 295
Date: 4/27/2023 4:29:30 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] EX 2

Is there a culvert to convey flows through berm?



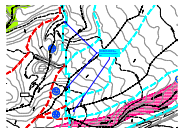
Subject: PolyLine
Page Index: 295
Date: 4/27/2023 4:27:33 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] EX 2



Subject: PolyLine
Page Index: 295
Date: 4/27/2023 4:28:04 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] EX 2

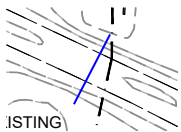


Subject: PolyLine
Page Index: 295
Date: 4/27/2023 4:27:56 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] EX 2

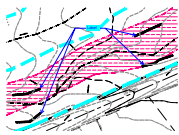


Subject: Callout
Page Index: 295
Date: 4/27/2023 4:28:48 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] EX 2

Add design points at boundary to show what flows are entering project site

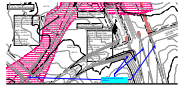


Subject: Line
Page Index: 295
Date: 4/27/2023 4:29:27 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] EX 2



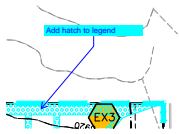
Subject: Callout
Page Index: 295
Date: 4/27/2023 4:30:24 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] EX 2

Label



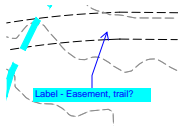
Subject: Callout
Page Index: 295
Date: 4/27/2023 4:31:05 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] EX 2

Label all existing storm facilities



Subject: Callout
Page Index: 295
Date: 4/27/2023 4:31:36 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] EX 2

Add hatch to legend



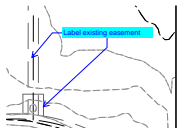
Subject: Callout
Page Index: 295
Date: 4/27/2023 4:31:52 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] EX 2

Label - Easement, trail?



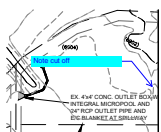
Subject: Callout
Page Index: 295
Date: 4/27/2023 4:33:01 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] EX 2

Show existing roads



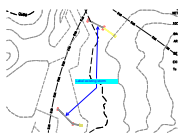
Subject: Callout
Page Index: 295
Date: 4/27/2023 4:33:28 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] EX 2

Label existing easement



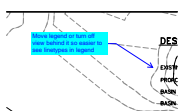
Subject: Callout
Page Index: 295
Date: 4/27/2023 4:33:50 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] EX 2

Note cut off



Subject: Callout
Page Index: 295
Date: 4/27/2023 4:34:28 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] EX 2

Label existing storm



Subject: Callout
Page Index: 295
Date: 4/27/2023 4:35:11 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] EX 2

Move legend or turn off view behind it so easier to see linetypes in legend



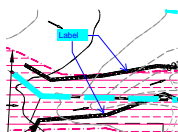
Subject: Callout
Page Index: 295
Date: 4/27/2023 4:36:15 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] EX 2

Is there an easement for this utility? Label



Subject: Callout
Page Index: 295
Date: 4/27/2023 4:36:55 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] EX 2

What are these? Label or turn off



Subject: Callout
Page Index: 295
Date: 4/27/2023 4:37:23 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] EX 2

Label



Subject: Callout
Page Index: 295
Date: 4/27/2023 4:38:15 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] EX 2

Ripraps should be the same, unless there's a difference in them



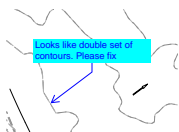
Subject: Callout
Page Index: 295
Date: 4/27/2023 4:38:47 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] EX 2

Label roadside ditches



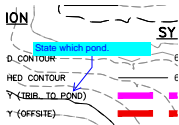
Subject: Callout
Page Index: 295
Date: 4/27/2023 4:39:19 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] EX 2

Label c&g



Subject: Callout
Page Index: 295
Date: 4/27/2023 4:39:42 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] EX 2

Looks like double set of contours. Please fix



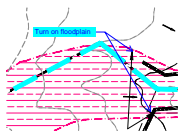
Subject: Callout
Page Index: 295
Date: 4/27/2023 4:43:24 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] EX 2

State which pond.



Subject: Callout
Page Index: 295
Date: 4/27/2023 4:44:14 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] EX 2

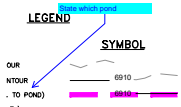
This is missing from legend on previous sheet. Please include



Subject: Callout
Page Index: 295
Date: 4/27/2023 4:44:53 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] EX 2

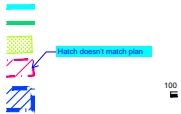
Turn on floodplain

296 (2)



Subject: Callout
Page Index: 296
Date: 4/28/2023 9:23:13 AM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] PROP 1

State which pond



Subject: Callout
Page Index: 296
Date: 4/28/2023 9:23:26 AM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] PROP 1

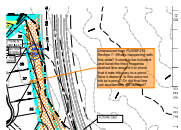
Hatch doesn't match plan

297 (31)



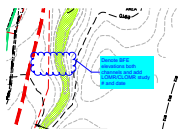
Subject: Polygon
Page Index: 297
Date: 4/18/2023 7:59:01 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [1] PROP 2

Unresolved from PUDSP215 Review 7: What's happening with this area? It used to be included and have the thick magenta dashed line around it to show that it was tributary to a pond. Now it doesn't. Is this area not trib to a pond? Or did that line just accidentally get deleted?



Subject: SW - Textbox with Arrow
Page Index: 297
Date: 4/28/2023 1:37:22 PM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [1] PROP 2

Denote BFE elevations both channels and add LOMR/CLOMR study # and date

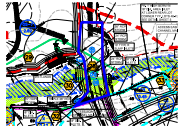


Subject: Cloud+
Page Index: 297
Date: 4/26/2023 8:13:52 AM
Author: eschoenheit
Color: ■
Layer:
Space:
Page Label: [1] PROP 2



Subject: Callout
Page Index: 297
Date: 4/28/2023 8:51:10 AM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] PROP 2

This area should be a basin and contribute to DP 28

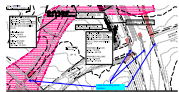


Subject: PolyLine
Page Index: 297
Date: 4/28/2023 8:51:48 AM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] PROP 2



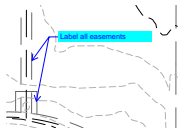
Subject: Callout
Page Index: 297
Date: 4/28/2023 9:05:43 AM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] PROP 2

What is this line? Label or turn off



Subject: Callout
Page Index: 297
Date: 4/28/2023 8:53:56 AM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] PROP 2

Label all existing storm facilities



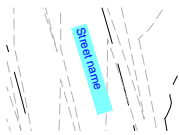
Subject: Callout
Page Index: 297
Date: 4/28/2023 8:54:22 AM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] PROP 2

Label all easements



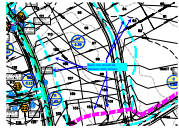
Subject: Callout
Page Index: 297
Date: 4/28/2023 8:54:35 AM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] PROP 2

Show roadways



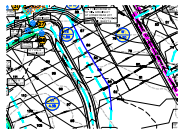
Subject: Text Box
Page Index: 297
Date: 4/28/2023 8:55:25 AM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] PROP 2

Street name



Subject: Callout
Page Index: 297
Date: 4/28/2023 10:31:02 AM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] PROP 2

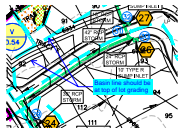
Basin line should be between drain arrows



Subject: PolyLine
Page Index: 297
Date: 4/28/2023 9:07:48 AM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] PROP 2

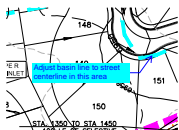


Subject: PolyLine
Page Index: 297
Date: 4/28/2023 9:08:02 AM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] PROP 2



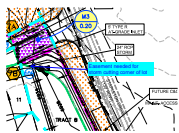
Subject: Callout
Page Index: 297
Date: 4/28/2023 9:07:32 AM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] PROP 2

Basin line should be at top of lot grading



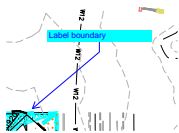
Subject: Callout
Page Index: 297
Date: 4/28/2023 9:10:06 AM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] PROP 2

Adjust basin line to street centerline in this area



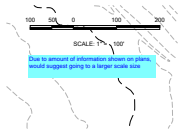
Subject: Callout
Page Index: 297
Date: 4/28/2023 9:13:22 AM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] PROP 2

Easement needed for storm cutting corner of lot



Subject: Callout
Page Index: 297
Date: 4/28/2023 9:24:21 AM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] PROP 2

Label boundary



Subject: Text Box
Page Index: 297
Date: 4/28/2023 9:25:00 AM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] PROP 2

Due to amount of information shown on plans, would suggest going to a larger scale size



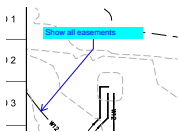
Subject: Callout
Page Index: 297
Date: 4/28/2023 9:25:48 AM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] PROP 2

Label all existing storm facilities

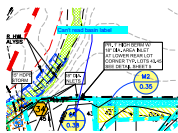


Subject: Highlight
Page Index: 297
Date: 4/28/2023 9:25:56 AM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] PROP 2

Show all easements



Subject: Callout
Page Index: 297
Date: 4/28/2023 9:26:08 AM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] PROP 2



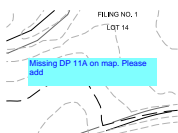
Subject: Callout
Page Index: 297
Date: 4/28/2023 9:26:49 AM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] PROP 2

Can't read basin label



Subject: Callout
Page Index: 297
Date: 4/28/2023 9:27:10 AM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] PROP 2

Can't read basin area



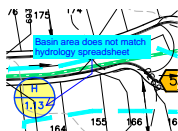
Subject: Text Box
Page Index: 297
Date: 4/28/2023 9:27:36 AM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] PROP 2

Missing DP 11A on map. Please add



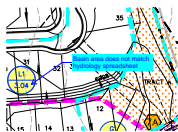
Subject: Callout
Page Index: 297
Date: 4/28/2023 9:45:39 AM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] PROP 2

Overlapping text throughout plan



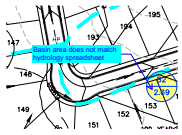
Subject: Callout
Page Index: 297
Date: 4/28/2023 9:49:01 AM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] PROP 2

Basin area does not match hydrology spreadsheet



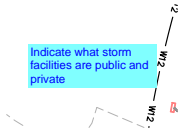
Subject: Callout
Page Index: 297
Date: 4/28/2023 9:49:22 AM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] PROP 2

Basin area does not match hydrology spreadsheet



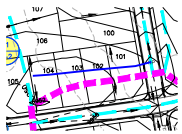
Subject: Callout
Page Index: 297
Date: 4/28/2023 9:49:39 AM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] PROP 2

Basin area does not match hydrology spreadsheet

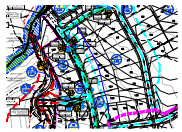


Subject: Text Box
Page Index: 297
Date: 4/28/2023 10:23:21 AM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] PROP 2

Indicate what storm facilities are public and private



Subject: PolyLine
Page Index: 297
Date: 4/28/2023 10:29:30 AM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] PROP 2



Subject: PolyLine
Page Index: 297
Date: 4/28/2023 10:29:45 AM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: [1] PROP 2