

ENG-SF22001-R1-FDR.pdf Markup Summary

CDurham (60)

APPENDIX A

Delete extra appendix dividers

Subject: Text Box

Page Label: 14

Author: CDurham

Date: 1/27/2022 5:32:58 PM

Status:

Color: ■

Layer:

Space:

Delete extra appendix dividers



NO	NO	NO	NO	NO	NO
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9
10	10	10	10	10	10

Subject: Callout

Page Label: 59

Author: CDurham

Date: 1/31/2022 3:59:55 PM

Status:

Color: ■

Layer:

Space:

8.9 & 19.8 in spreadsheets



NO	NO	NO	NO	NO	NO
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9
10	10	10	10	10	10

Subject: Callout

Page Label: 59

Author: CDurham

Date: 1/31/2022 4:00:16 PM

Status:

Color: ■

Layer:

Space:

11.4 & 25.4 on spreadsheets

Label inlets as sump or at-grade

Subject: Text Box

Page Label: 59

Author: CDurham

Date: 1/31/2022 4:00:28 PM

Status:

Color: ■

Layer:

Space:

Label inlets as sump or at-grade



Subject: Callout

Page Label: 59

Author: CDurham

Date: 1/31/2022 4:00:45 PM

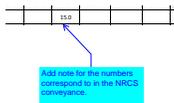
Status:

Color: ■

Layer:

Space:

Fix overlapping text



Subject: Callout

Page Label: 30

Author: CDurham

Date: 1/31/2022 4:05:22 PM

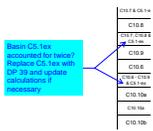
Status:

Color: ■

Layer:

Space:

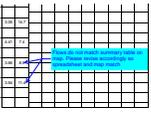
Add note for the numbers correspond to in the NRCS conveyance.



C10.10c
C10.10
C10.10a
C10.10b
C10.10c
C10.10d
C10.10e
C10.10f
C10.10g
C10.10h
C10.10i
C10.10j
C10.10k
C10.10l
C10.10m
C10.10n
C10.10o
C10.10p
C10.10q
C10.10r
C10.10s
C10.10t
C10.10u
C10.10v
C10.10w
C10.10x
C10.10y
C10.10z

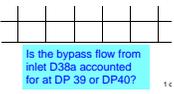
Subject: Callout
Page Label: 31
Author: CDurham
Date: 1/31/2022 4:07:16 PM
Status:
Color: ■
Layer:
Space:

Basin C5.1ex accounted for twice? Replace C5.1ex with DP 39 and update calculations if necessary



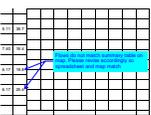
Subject: Callout
Page Label: 31
Author: CDurham
Date: 1/31/2022 4:09:33 PM
Status:
Color: ■
Layer:
Space:

Flows do not match summary table on map. Please revise accordingly so spreadsheet and map match



Subject: Text Box
Page Label: 31
Author: CDurham
Date: 1/31/2022 4:10:25 PM
Status:
Color: ■
Layer:
Space:

Is the bypass flow from inlet D38a accounted for at DP 39 or DP40?



Subject: Callout
Page Label: 32
Author: CDurham
Date: 1/31/2022 4:10:48 PM
Status:
Color: ■
Layer:
Space:

Flows do not match summary table on map. Please revise accordingly so spreadsheet and map match



C10.10c
C10.10
C10.10a
C10.10b
C10.10c
C10.10d
C10.10e
C10.10f
C10.10g
C10.10h
C10.10i
C10.10j
C10.10k
C10.10l
C10.10m
C10.10n
C10.10o
C10.10p
C10.10q
C10.10r
C10.10s
C10.10t
C10.10u
C10.10v
C10.10w
C10.10x
C10.10y
C10.10z

Subject: Callout
Page Label: 31
Author: CDurham
Date: 1/31/2022 4:10:54 PM
Status:
Color: ■
Layer:
Space:

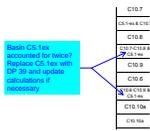
Revise to C10.10c & DP 38



C10.10c
C10.10a
C10.10b
C10.10c
C10.10d
C10.10e
C10.10f
C10.10g
C10.10h
C10.10i
C10.10j
C10.10k
C10.10l
C10.10m
C10.10n
C10.10o
C10.10p
C10.10q
C10.10r
C10.10s
C10.10t
C10.10u
C10.10v
C10.10w
C10.10x
C10.10y
C10.10z

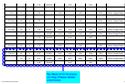
Subject: Callout
Page Label: 32
Author: CDurham
Date: 1/31/2022 4:11:05 PM
Status:
Color: ■
Layer:
Space:

Revise to C10.10c & DP 38



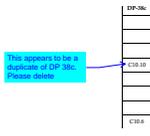
Subject: Callout
Page Label: 32
Author: CDurham
Date: 1/31/2022 4:11:24 PM
Status:
Color: ■
Layer:
Space:

Basin C5.1ex accounted for twice? Replace C5.1ex with DP 39 and update calculations if necessary



Subject: Cloud+
Page Label: 33
Author: CDurham
Date: 1/31/2022 4:12:35 PM
Status:
Color: ■
Layer:
Space:

No Basin C10.10 shown on map. Please delete information



Subject: Callout
Page Label: 35
Author: CDurham
Date: 1/31/2022 4:13:43 PM
Status:
Color: ■
Layer:
Space:

This appears to be a duplicate of DP 38c. Please delete

5	300	4.0%	0.11	210	60.00	1.77%	1
5	200	4.0%	0.11	140	60.00	1.77%	1
5	100	4.0%	0.12	70	60.00	1.80%	1
5	50	4.0%	0.12	35	60.00	1.80%	1

Subject: Callout
Page Label: 34
Author: CDurham
Date: 1/31/2022 4:14:10 PM
Status:
Color: ■
Layer:
Space:

Add note for the numbers correspond to in the NRCS conveyance.

adsheet UD-Inlet.
 drainage report to use the prop
 antion and water quality ponds
 in are preliminary only as show
 ed hydraulic calculations and th
 acities (100-year capacity is onl
 c

Subject: Highlight
Page Label: 7
Author: CDurham
Date: 1/31/2022 4:14:58 PM
Status:
Color: ■
Layer:
Space:

preliminary only as

Manual". Street cap
 -Inlet. delete
 port to use the propos
 ed water quality ponds th
 inary only as shown

Subject: Callout
Page Label: 7
Author: CDurham
Date: 1/31/2022 4:15:16 PM
Status:
Color: ■
Layer:
Space:

delete

1. WSEL: 5770.41, Top outlet structure set at 5770.55, 6'x6'
5770.54, 16.5'x6'
4. WSEL: 5774.24, 43.7'x6'
5. Bottom elevation=5775.00, 4.1' side slope, flow depth=1.27'
00
[Include discussion on where information shown in SAVD table came from](#)
The Jimmy Camp Creek drainage basin which is currently a Park County regulatory require drainage and bridge fees to be in recouration process.

Subject: Text Box
Page Label: 11
Author: CDurham
Date: 1/31/2022 4:28:54 PM
Status:
Color: ■
Layer:
Space:

Include discussion on where information shown in SAVD table came from

drainage basin which is require drainage and bridge fees
2022
ie 2021 drainage fees previous acre per Resol

Subject: Callout
Page Label: 11
Author: CDurham
Date: 1/31/2022 4:29:31 PM
Status:
Color: ■
Layer:
Space:

2022

are \$19,752, tion 18-470.

Subject: Highlight
Page Label: 11
Author: CDurham
Date: 1/31/2022 4:29:37 PM
Status:
Color: ■
Layer:
Space:

\$19,752,

drainage fees to be \$21,134 are \$19,752,

Subject: Text Box
Page Label: 11
Author: CDurham
Date: 1/31/2022 4:29:56 PM
Status:
Color: ■
Layer:
Space:

\$21,134

Orson Ranch are \$924 an

Subject: Highlight
Page Label: 11
Author: CDurham
Date: 1/31/2022 4:30:04 PM
Status:
Color: ■
Layer:
Space:

\$924

Orson Ranch are \$924

Subject: Highlight
Page Label: 11
Author: CDurham
Date: 1/31/2022 4:30:05 PM
Status:
Color: ■
Layer:
Space:

\$9

116 0024 d1

\$989

Subject: Text Box
Page Label: 11
Author: CDurham
Date: 1/31/2022 4:30:29 PM
Status:
Color: ■
Layer:
Space:

\$989

re \$19,752,
tion 18-470

Subject: Highlight
Page Label: 11
Author: CDurham
Date: 1/31/2022 4:30:34 PM
Status:
Color: ■
Layer:
Space:

18-470

in 18-470.

21-468

Subject: Text Box
Page Label: 11
Author: CDurham
Date: 1/31/2022 4:30:58 PM
Status:
Color: ■
Layer:
Space:

21-468

Update table
based on 2022
fees

Subject: Text Box
Page Label: 12
Author: CDurham
Date: 1/31/2022 4:31:20 PM
Status:
Color: ■
Layer:
Space:

Update table based on 2022 fees

130 \$44,440

Where was riprap? Not shown on map anywhere, if riprap is used, please label	
Need include sizing calculations.	
\$0.000	
\$1,435	

Subject: Callout
Page Label: 12
Author: CDurham
Date: 1/31/2022 4:32:04 PM
Status:
Color: ■
Layer:
Space:

Where was riprap? Not shown on map anywhere. If riprap is used, please label and include sizing calculations.

Table 7.1: Public Drainage Facility Co	
Item	Quantity
Rip Rap	3
Inlets/Manholes	4
18" Storm	41
24" Storm	58
36" Storm	400

Subject: Callout
Page Label: 12
Author: CDurham
Date: 1/31/2022 4:32:46 PM
Status:
Color: ■
Layer:
Space:

3 inlets & 1 manhole

300
305
'00 Include cost for new
705 items being installed in
Pond

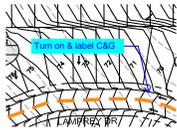
Subject: Text Box
Page Label: 12
Author: CDurham
Date: 1/31/2022 4:36:35 PM
Status:
Color: ■
Layer:
Space:

Include cost for new items being installed in Pond

Include forebay notch sizing.

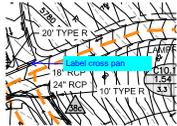
Subject: Text Box
Page Label: 43
Author: CDurham
Date: 1/31/2022 4:38:51 PM
Status:
Color: ■
Layer:
Space:

Include forebay notch sizing.



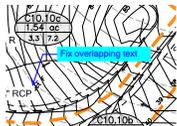
Subject: Callout
Page Label: 59
Author: CDurham
Date: 1/31/2022 4:45:30 PM
Status:
Color: ■
Layer:
Space:

Turn on & label C&G



Subject: Callout
Page Label: 59
Author: CDurham
Date: 1/31/2022 4:45:54 PM
Status:
Color: ■
Layer:
Space:

Label cross pan



Subject: Callout
Page Label: 59
Author: CDurham
Date: 1/31/2022 4:46:34 PM
Status:
Color: ■
Layer:
Space:

Fix overlapping text



Subject: Callout
Page Label: 59
Author: CDurham
Date: 1/31/2022 4:46:49 PM
Status:
Color: ■
Layer:
Space:

Label MH

UCIS
35.6cfs
ie R, sump

Subject: Highlight
Page Label: 10
Author: CDurham
Date: 1/31/2022 4:50:05 PM
Status:
Color: 
Layer:
Space:

35.6cfs



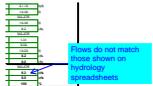
Subject: Callout
Page Label: 10
Author: CDurham
Date: 1/31/2022 4:51:20 PM
Status:
Color: 
Layer:
Space:

SF-2 spreadsheet shows a 100-yr flow of 38.7 cfs. Please update summary accordingly.

2.8	6.2
0.0	0.0
MINOR	MAJOR
2.8	6.2
0.0	0.0
100	100

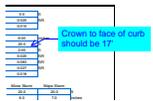
Subject: Highlight
Page Label: 40
Author: CDurham
Date: 1/31/2022 9:04:45 AM
Status:
Color: 
Layer:
Space:

2.8 6.2



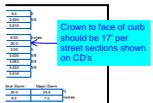
Subject: Callout
Page Label: 40
Author: CDurham
Date: 1/31/2022 9:05:08 AM
Status:
Color: 
Layer:
Space:

Flows do not match those shown on hydrology spreadsheets



Subject: Callout
Page Label: 39
Author: CDurham
Date: 1/31/2022 9:05:29 AM
Status:
Color: 
Layer:
Space:

Crown to face of curb should be 17'



Subject: Callout
Page Label: 37
Author: CDurham
Date: 1/31/2022 9:06:17 AM
Status:
Color: 
Layer:
Space:

Crown to face of curb should be 17' per street sections shown on CD's

Subject: Callout
Page Label: 41
Author: CDurham
Date: 1/31/2022 9:06:47 AM
Status:
Color: ■
Layer:
Space:

Crown to face of curb should be 17'

N/A	N/A
MINOR	MAJOR
3.3	7.2
3.3	7.2

Subject: Highlight
Page Label: 42
Author: CDurham
Date: 1/31/2022 9:07:59 AM
Status:
Color: ■
Layer:
Space:

3.3 7.2

Subject: Callout
Page Label: 42
Author: CDurham
Date: 1/31/2022 9:08:14 AM
Status:
Color: ■
Layer:
Space:

Flows do not match those shown on hydrology spreadsheets

Subject: Callout
Page Label: 38
Author: CDurham
Date: 1/31/2022 9:08:44 AM
Status:
Color: ■
Layer:
Space:

Where does bypass flow go?

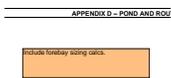
Subject: Text Box
Page Label: 53
Author: CDurham
Date: 2/1/2022 10:00:42 AM
Status:
Color: ■
Layer:
Space:

Update storm sewer design to match information in CD's

Subject: Text Box
Page Label: 56
Author: CDurham
Date: 2/1/2022 12:41:27 PM
Status:
Color: ■
Layer:
Space:

Update table per current plat status (Creekside South Filing 1, Hills at Lorson Ranch East Filing 1?)

Glenn Reese - EPC Stormwater (5)



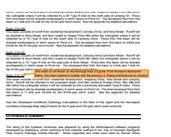
Subject: SW - Textbox
Page Label: 43
Author: Glenn Reese - EPC Stormwater
Date: 1/19/2022 11:10:35 AM
Status:
Color: ■
Layer:
Space:

Include forebay sizing calcs.



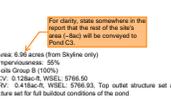
Subject: SW - Textbox with Arrow
Page Label: 59
Author: Glenn Reese - EPC Stormwater
Date: 1/19/2022 11:27:36 AM
Status:
Color: ■
Layer:
Space:

show new trickle channel section too.



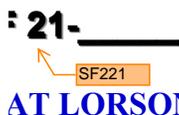
Subject: SW - Textbox with Arrow
Page Label: 7
Author: Glenn Reese - EPC Stormwater
Date: 1/19/2022 11:32:18 AM
Status:
Color: ■
Layer:
Space:

This basin is not shown on the drainage map on pg 59. From the basin description below, this basin seems to overlap with the previous 3. Please clarify/revise as needed.



Subject: SW - Textbox with Arrow
Page Label: 11
Author: Glenn Reese - EPC Stormwater
Date: 1/19/2022 11:33:50 AM
Status:
Color: ■
Layer:
Space:

For clarity, state somewhere in the report that the rest of the site's area (~8ac) will be conveyed to Pond C3.



Subject: SW - Textbox with Arrow
Page Label: 1
Author: Glenn Reese - EPC Stormwater
Date: 1/19/2022 11:36:31 AM
Status:
Color: ■
Layer:
Space:

SF221