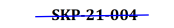

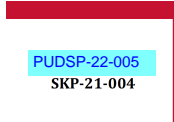

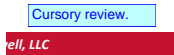



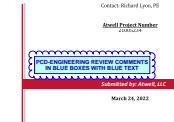

# ENG-PUDSP22005-R1-PDR.pdf Markup Summary



1 (5)

 SKP-21-004  
**Subject:** Line  
**Page Index:** 1  
**Date:** 7/5/2022 3:48:50 PM  
**Author:** CDurham  
**Color:**   
**Layer:**  
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**Page Label:** 1

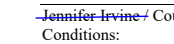

 PUDSP-22-005  
SKP-21-004  
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**Page Index:** 1  
**Date:** 7/5/2022 3:49:07 PM  
**Author:** CDurham  
**Color:**   
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**Page Label:** 1

 Cursory review.  
vell, LLC  
**Subject:** Text Box  
**Page Index:** 1  
**Date:** 7/11/2022 9:37:17 AM  
**Author:** dsdrice  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 1

 PCD-Engineering Review Comments  
March 14, 2022  
vell, LLC  
**Subject:** PCD Comment Legend  
**Page Index:** 1  
**Date:** 7/11/2022 9:37:15 AM  
**Author:** dsdrice  
**Color:**   
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**Space:**  
**Page Label:** 1

 VELL  
**Subject:** Stormwater Comments Color  
**Page Index:** 1  
**Date:** 7/14/2022 8:46:08 AM  
**Author:** dotprete  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 1

2 (4)

County Engineering  
 Jennifer Irvine / Cou  
Conditions:  
**Subject:** Line  
**Page Index:** 2  
**Date:** 7/5/2022 3:49:23 PM  
**Author:** CDurham  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 2







nd then di  
U. ●

**Subject:** Highlight  
**Page Index:** 12  
**Date:** 7/11/2022 1:16:06 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 12

13 (2)



**Subject:** Engineer  
**Page Index:** 13  
**Date:** 7/15/2022 12:53:22 PM  
**Author:** dotprete  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 13

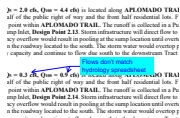
Explain in the narrative how WQ is being addressed for this basin. Possible exclusions include I.7.1.B.7 (land disturbance to undeveloped land that will remain undeveloped) and/or I.7.1.C.1 (which allows for 20% not to exceed 1 acre of the applicable development site area to not be captured), or consider using runoff reduction for WQ

**Basin A (3)**  
the open space  
lots. The su

**Subject:** Engineer  
**Page Index:** 13  
**Date:** 7/15/2022 12:20:30 PM  
**Author:** dotprete  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 13

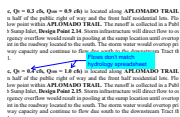
Basin A

16 (4)



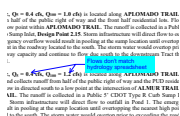
**Subject:** Callout  
**Page Index:** 16  
**Date:** 7/6/2022 11:12:53 AM  
**Author:** CDurham  
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**Space:**  
**Page Label:** 16

Flows don't match hydrology spreadsheet



**Subject:** Callout  
**Page Index:** 16  
**Date:** 7/6/2022 11:13:07 AM  
**Author:** CDurham  
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**Layer:**  
**Space:**  
**Page Label:** 16

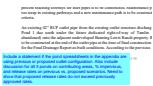
Flows don't match hydrology spreadsheet



**Subject:** Callout  
**Page Index:** 16  
**Date:** 7/6/2022 11:13:18 AM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 16

Flows don't match hydrology spreadsheet





**Subject:** Text Box  
**Page Index:** 23  
**Date:** 7/6/2022 2:07:14 PM  
**Author:** CDurham  
**Color:** ■  
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**Page Label:** 23

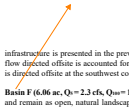
Include a statement if the pond spreadsheets in the appendix are using previous or proposed outlet configuration. Also include discussion for all 3 ponds on contributing areas, % impervious, and release rates on previous vs. proposed scenarios. Need to show that proposed release rates do not exceed previously approved rates.

**Basin F (6.1)**  
 and remain

and remain

**Subject:** Engineer  
**Page Index:** 23  
**Date:** 7/15/2022 12:30:35 PM  
**Author:** dotprete  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 23

Basin F



**Subject:** Arrow  
**Page Index:** 23  
**Date:** 7/15/2022 12:30:47 PM  
**Author:** dotprete  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 23

infrastructure is presented in the previous flow diagram. Offsite is accounted for in Basin F (6.06 ac,  $Q_p=2.3$  cfs,  $Q_{out}=1$  and remain as open, natural landscape

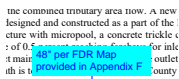
**Basin G (8.1)**  
 Tract Z that  
 future Topo

future Topo

**Subject:** Engineer  
**Page Index:** 23  
**Date:** 7/15/2022 12:34:41 PM  
**Author:** dotprete  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 23

Basin G

24 (1)



proposed an 48" RCP outlet pipe from existing Pond 2 discharge under the future developed Banning Lewis Ranch property provided at the end of the outlet pipe at the

**Subject:** Callout  
**Page Index:** 24  
**Date:** 7/6/2022 2:05:02 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 24

48" per FDR Map provided in Appendix F

25 (4)



**Subject:** Callout  
**Page Index:** 25  
**Date:** 7/6/2022 2:05:51 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 25

Does not match with information shown on drawings in Appendix F





Include 4-step process

**WATER QUALITY ENHANCE**  
The existing detention ponds discu

**Subject:** Text Box  
**Page Index:** 28  
**Date:** 7/6/2022 2:08:55 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 28

Include 4-step process

Maintenance of Detention Ponds 1 and 2 shall be by the Future Right-of-Way (ROW) owner for the period of the project. Ponds 1 and 2 shall be maintained by the ROW owner until the project is completed. The proposed owner shall maintain the ponds and maintainability of Ponds 1 and 2 shall be approved by the City of Durham.

**Subject:** Callout  
**Page Index:** 28  
**Date:** 7/11/2022 9:30:02 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 28

Channel needs to be maintained by the metro district

Channel needs to be maintained by the metro district

**Subject:** Callout  
**Page Index:** 28  
**Date:** 7/11/2022 9:31:27 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 28

Provide a water quality plan showing which development areas drain to which PBMPs/SCMs

Provide discussion on maintenance access and aspects of the preliminary design. Show all access roads/paths for permanent BMPs, swales and channels on the drainage plans. Reference ECM 3.3.3.K.

**Subject:** Callout  
**Page Index:** 28  
**Date:** 7/11/2022 1:18:19 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 28

Provide discussion on maintenance access and aspects of the preliminary design. Show all access roads/paths for permanent BMPs, swales and channels on the drainage plans. Reference ECM 3.3.3.K.

and forebays?

**Subject:** Callout  
**Page Index:** 29  
**Date:** 7/11/2022 9:29:18 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 29

and forebays?

Provide excerpts

**Subject:** Callout  
**Page Index:** 30  
**Date:** 7/11/2022 9:16:47 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 30

Provide excerpts



**Subject:** Callout  
**Page Index:** 30  
**Date:** 7/11/2022 9:28:23 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 30

(not adopted by El Paso County)



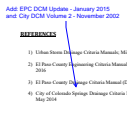
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**Page Index:** 30  
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**Color:** ■  
**Layer:**  
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**Page Label:** 30

revision 6 dated December 13, 2016



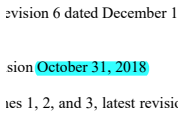
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**Page Label:** 30

Update - October 14, 2020



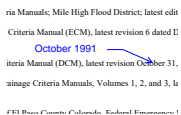
**Subject:** Callout  
**Page Index:** 30  
**Date:** 7/11/2022 9:28:09 AM  
**Author:** dsdrice  
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**Page Label:** 30

Add: EPC DCM Update - January 2015 and: City DCM Volume 2 - November 2002



**Subject:**  
**Page Index:** 30  
**Date:** 7/11/2022 9:22:17 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
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**Page Label:** 30

October 31, 2018



**Subject:** Callout  
**Page Index:** 30  
**Date:** 7/11/2022 9:26:11 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 30

October 1991



13.09	0.34	0.44	12.50	26.30
39.62	0.32	0.33	80.10	160.70
28.75	0.22	0.29	31.50	88.50
6.47	0.22	0.26	3.25	18.50
33.79	0.09	0.38	4.63	31.08
266.0			198.2	97.1

Coefficients do not  
match Coefficient  
spreadsheet

**Subject:** Callout  
**Page Index:** 48  
**Date:** 7/6/2022 2:18:35 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 48

Coefficients do not match Coefficient spreadsheet

49 (17)

**buting Basii**  
~~A, OS-4~~  
~~OS-2, OS-5~~

**Subject:** Line  
**Page Index:** 49  
**Date:** 7/6/2022 2:18:56 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 49

**DP-10**  
~~S\_5~~

**Subject:** Text Box  
**Page Index:** 49  
**Date:** 7/6/2022 2:19:36 PM  
**Author:** CDurham  
**Color:** ■  
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**Space:**  
**Page Label:** 49

DP-10

~~OS-4~~  
~~OS-2, OS-5~~  
~~OS-3, OS-6~~

**Subject:** Line  
**Page Index:** 49  
**Date:** 7/6/2022 2:19:48 PM  
**Author:** CDurham  
**Color:** ■  
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**Page Label:** 49

**DP-8**

**Subject:** Text Box  
**Page Index:** 49  
**Date:** 7/6/2022 2:20:29 PM  
**Author:** CDurham  
**Color:** ■  
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**Space:**  
**Page Label:** 49

DP-8

~~OS-2, OS-5~~  
~~OS-3, OS-6~~  
OS-7

**Subject:** Line  
**Page Index:** 49  
**Date:** 7/6/2022 2:20:09 PM  
**Author:** CDurham  
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**Page Label:** 49

DP-9

**Subject:** Text Box  
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**Page Label:** 49

DP-9

DP-3

**Subject:** Text Box  
**Page Index:** 49  
**Date:** 7/6/2022 2:22:11 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 49

DP-3

DP-13

**Subject:** Text Box  
**Page Index:** 49  
**Date:** 7/6/2022 2:21:17 PM  
**Author:** CDurham  
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**Space:**  
**Page Label:** 49

DP-13

DP-4

**Subject:** Text Box  
**Page Index:** 49  
**Date:** 7/6/2022 2:21:33 PM  
**Author:** CDurham  
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**Page Label:** 49

DP-4

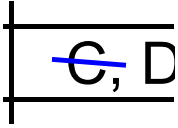
D, C

**Subject:** Line  
**Page Index:** 49  
**Date:** 7/6/2022 2:21:39 PM  
**Author:** CDurham  
**Color:** ■  
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**Space:**  
**Page Label:** 49

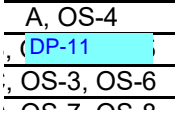
DP-12

**Subject:** Text Box  
**Page Index:** 49  
**Date:** 7/6/2022 2:22:07 PM  
**Author:** CDurham  
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**Space:**  
**Page Label:** 49

DP-12

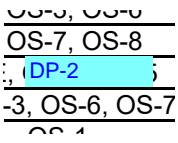


Subject: Line  
 Page Index: 49  
 Date: 7/6/2022 2:22:16 PM  
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 Page Label: 49



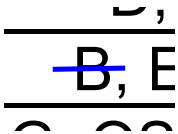
Subject: Text Box  
 Page Index: 49  
 Date: 7/6/2022 2:22:47 PM  
 Author: CDurham  
 Color: ■  
 Layer:  
 Space:  
 Page Label: 49

DP-11

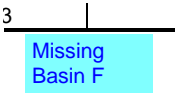


Subject: Text Box  
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 Date: 7/6/2022 2:23:00 PM  
 Author: CDurham  
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 Page Label: 49

DP-2



Subject: Line  
 Page Index: 49  
 Date: 7/6/2022 2:23:04 PM  
 Author: CDurham  
 Color: ■  
 Layer:  
 Space:  
 Page Label: 49



Subject: Text Box  
 Page Index: 49  
 Date: 7/6/2022 2:23:20 PM  
 Author: CDurham  
 Color: ■  
 Layer:  
 Space:  
 Page Label: 49

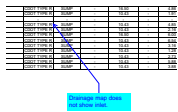
Missing Basin F

51.0	174.2
13.2	71.8
99.2	250.4
64.8	246.0
10.7	21.7
7.8	13.6
3.4	6.0

Subject: Highlight  
 Page Index: 49  
 Date: 7/6/2022 2:23:46 PM  
 Author: CDurham  
 Color: ■  
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 Page Label: 49

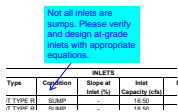
64.8 246.0





**Subject:** Callout  
**Page Index:** 53  
**Date:** 7/6/2022 2:45:07 PM  
**Author:** CDurham  
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**Page Label:** 53

Drainage map does not show inlet.

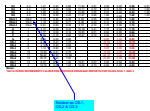


INLETS			
Type	Caption	Slope at Inlet (ft)	Inlet Capacity (cfs)
TYPE 1	SUMP	-	16.00
TYPE 2	SUMP	-	16.00

**Subject:** Callout  
**Page Index:** 53  
**Date:** 7/6/2022 2:45:50 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 53

Not all inlets are sumps. Please verify and design at-grade inlets with appropriate equations.

54 (4)



**Subject:** Callout  
**Page Index:** 54  
**Date:** 7/6/2022 2:46:33 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 54

Relabel as OS.1, OS.2 & OS.3

4.6  
OS.2  
 OS.3

**Subject:** Highlight  
**Page Index:** 54  
**Date:** 7/6/2022 2:46:36 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 54

OS.2

OS.2  
OS.3  
 OS.4

**Subject:** Highlight  
**Page Index:** 54  
**Date:** 7/6/2022 2:46:38 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 54

OS.3

OS.3  
OS.4  
 1

**Subject:** Highlight  
**Page Index:** 54  
**Date:** 7/6/2022 2:46:39 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 54

OS.4



CS1	0.78	0.74	0.59
CS2	0.20	1.51	0.59
CS3	0.21	3.52	0.59
CS4	0.22	2.29	0.59

Refer to comments on 5-year runoff spreadsheet

**Subject:** Text Box  
**Page Index:** 55  
**Date:** 7/6/2022 2:47:26 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 55

Refer to comments on 5-year runoff spreadsheet

Need spreadsheet/table showing how basins are combined at design points.

**Subject:** Text Box  
**Page Index:** 55  
**Date:** 7/6/2022 2:48:26 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 55

Need spreadsheet/table showing how basins are combined at design points.

Include summary table for basins & design points, as provided under existing conditions

**Subject:** Text Box  
**Page Index:** 55  
**Date:** 7/6/2022 2:48:50 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 55

Include summary table for basins & design points, as provided under existing conditions

Not all inlets are sumps. Please update to at-grade inlets where needed. Also provide street capacity analysis. Recommend using MHFD inlet spreadsheets, as they would provide this with inlet calculations. If spreadsheet is not used, provide separate analysis for street capacity. Also need to determine location of any cross pans.

**Subject:** Text Box  
**Page Index:** 57  
**Date:** 7/6/2022 3:53:02 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 57

Not all inlets are sumps. Please update to at-grade inlets where needed. Also provide street capacity analysis. Recommend using MHFD inlet spreadsheets, as they would provide this with inlet calculations. If spreadsheet is not used, provide separate analysis for street capacity. Also need to determine location of any cross pans.

0.50 ft  
0.67 ft  
 $1.75 \times 1.8 \text{ W} (\text{L}_{\text{inlet}} + 12)^{0.8}$   
3. for all inlets  
1.25  
4.0 LF INLET REQUIRED

**Subject:** Callout  
**Page Index:** 57  
**Date:** 7/6/2022 2:51:22 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 57

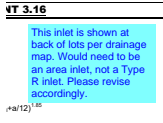
3, for all inlets

Size does not match spreadsheet or map  
9.0 LF INLET REQUIRED  
14.0 LF INLET REQUIRED  
16 LF CDOT TYPE R CURB INLET

**Subject:** Callout  
**Page Index:** 65  
**Date:** 7/6/2022 2:52:27 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 65

Size does not match spreadsheet or map

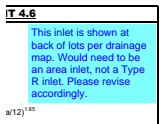
72 (1)



**Subject:** Text Box  
**Page Index:** 72  
**Date:** 7/6/2022 2:53:50 PM  
**Author:** CDurham  
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**Layer:**  
**Space:**  
**Page Label:** 72

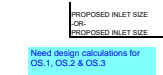
This inlet is shown at back of lots per drainage map. Would need to be an area inlet, not a Type R inlet. Please revise accordingly.

78 (2)



**Subject:** Text Box  
**Page Index:** 78  
**Date:** 7/6/2022 2:54:03 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 78

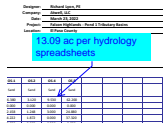
This inlet is shown at back of lots per drainage map. Would need to be an area inlet, not a Type R inlet. Please revise accordingly.



**Subject:** Text Box  
**Page Index:** 78  
**Date:** 7/6/2022 2:54:26 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 78

Need design calculations for OS.1, OS.2 & OS.3

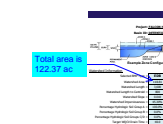
80 (1)



**Subject:** Callout  
**Page Index:** 80  
**Date:** 7/5/2022 2:08:02 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 80

13.09 ac per hydrology spreadsheets

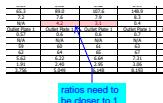
81 (1)



**Subject:** Callout  
**Page Index:** 81  
**Date:** 7/5/2022 2:08:45 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 81

Total area is 122.37 ac


83 (8)



**Subject:** Callout  
**Page Index:** 83  
**Date:** 7/5/2022 2:09:31 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 83


ratios need to be closer to 1

0.02  
**89.0**  
7.6

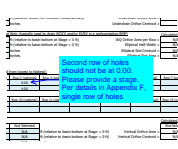
**Subject:** Highlight  
**Page Index:** 83  
**Date:** 7/5/2022 2:12:52 PM  
**Author:** CDurham  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 83


89.0

0.64  
**232.9**  
9.0

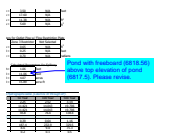
**Subject:** Highlight  
**Page Index:** 83  
**Date:** 7/5/2022 2:12:56 PM  
**Author:** CDurham  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 83


232.9



**Subject:** Callout  
**Page Index:** 83  
**Date:** 7/6/2022 2:59:02 PM  
**Author:** CDurham  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 83


Second row of holes should not be at 0.00. Please provide a stage. Per details in Appendix F, single row of holes



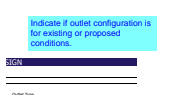
**Subject:** Callout  
**Page Index:** 83  
**Date:** 7/5/2022 2:32:55 PM  
**Author:** CDurham  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 83


Pond with freeboard (6818.56) above top elevation of pond (6817.5). Please revise.



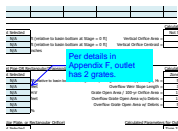
**Subject:** Callout  
**Page Index:** 83  
**Date:** 7/5/2022 3:56:10 PM  
**Author:** CDurham  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 83

Flows are way lower than rational flows shown coming into pond. Re-look at watershed length & Length to centroid parameters to see if you can get incoming flows closer to matching existing rational flows.



**Subject:** Text Box  
**Page Index:** 83  
**Date:** 7/6/2022 2:55:45 PM  
**Author:** CDurham  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 83

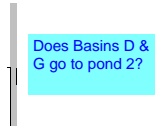
Indicate if outlet configuration is for existing or proposed conditions.



**Subject:** Callout  
**Page Index:** 83  
**Date:** 7/6/2022 3:00:16 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 83

Per details in Appendix F, outlet has 2 grates.

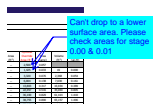
86 (1)



**Subject:** Text Box  
**Page Index:** 86  
**Date:** 7/5/2022 3:04:18 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 86

Does Basins D & G go to pond 2?

87 (2)



**Subject:** Callout  
**Page Index:** 87  
**Date:** 6/29/2022 11:05:17 AM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 87

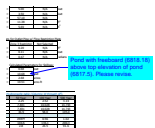
Can't drop to a lower surface area. Please check areas for stage 0.00 & 0.01



**Subject:** Callout  
**Page Index:** 87  
**Date:** 7/5/2022 3:04:48 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 87

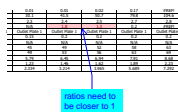
Do Basins D & G release to this pond?

89 (10)



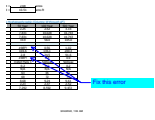
**Subject:** Callout  
**Page Index:** 89  
**Date:** 7/5/2022 3:22:05 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 89

Pond with freeboard (6818.18) above top elevation of pond (6817.5). Please revise.



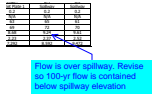
**Subject:** Callout  
**Page Index:** 89  
**Date:** 7/5/2022 3:22:47 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 89

ratios need to be closer to 1



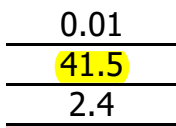
**Subject:** Callout  
**Page Index:** 89  
**Date:** 7/5/2022 3:45:57 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 89

Fix this error



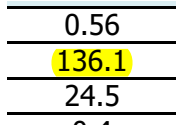
**Subject:** Callout  
**Page Index:** 89  
**Date:** 7/5/2022 3:39:20 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 89

Flow is over spillway. Revise so 100-yr flow is contained below spillway elevation



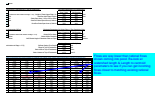
**Subject:** Highlight  
**Page Index:** 89  
**Date:** 7/5/2022 3:45:19 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 89

41.5



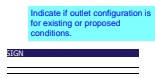
**Subject:** Highlight  
**Page Index:** 89  
**Date:** 7/5/2022 3:45:27 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 89

136.1



**Subject:** Callout  
**Page Index:** 89  
**Date:** 7/5/2022 3:55:56 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 89

Flows are way lower than rational flows shown coming into pond. Re-look at watershed length & Length to centroid parameters to see if you can get incoming flows closer to matching existing rational flows.



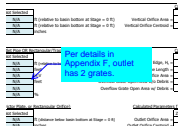
**Subject:** Text Box  
**Page Index:** 89  
**Date:** 7/6/2022 2:56:00 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 89

Indicate if outlet configuration is for existing or proposed conditions.



**Subject:** Callout  
**Page Index:** 89  
**Date:** 7/6/2022 2:59:30 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 89

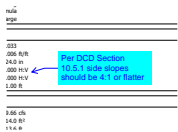
Should not have multiple orifices at same stage levels. Per details in Appendix F, single row of holes



**Subject:** Callout  
**Page Index:** 89  
**Date:** 7/6/2022 3:00:30 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 89

Per details in Appendix F, outlet has 2 grates.

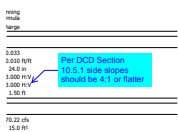
92 (1)



**Subject:** Callout  
**Page Index:** 92  
**Date:** 7/6/2022 2:57:44 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 92

Per DCD Section 10.5.1 side slopes should be 4:1 or flatter

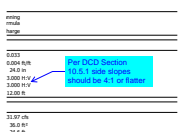
93 (1)



**Subject:** Callout  
**Page Index:** 93  
**Date:** 7/6/2022 2:57:55 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 93

Per DCD Section 10.5.1 side slopes should be 4:1 or flatter

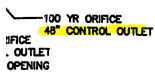
94 (1)



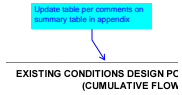
**Subject:** Callout  
**Page Index:** 94  
**Date:** 7/6/2022 2:58:03 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 94

Per DCD Section 10.5.1 side slopes should be 4:1 or flatter

110 (1)

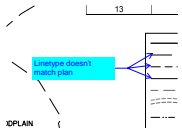


**Subject:** Highlight  
**Page Index:** 110  
**Date:** 7/5/2022 5:41:12 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 110



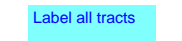
**Subject:** Callout  
**Page Index:** 112  
**Date:** 7/6/2022 3:01:47 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 112

Update table per comments on summary table in appendix



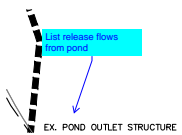
**Subject:** Callout  
**Page Index:** 112  
**Date:** 7/6/2022 3:02:22 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 112

Linetype doesn't match plan



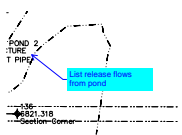
**Subject:** Text Box  
**Page Index:** 112  
**Date:** 7/6/2022 3:02:45 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 112

Label all tracts



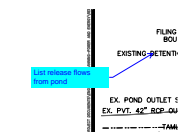
**Subject:** Callout  
**Page Index:** 112  
**Date:** 7/6/2022 3:03:03 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 112

List release flows from pond



**Subject:** Callout  
**Page Index:** 112  
**Date:** 7/6/2022 3:03:24 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 112

List release flows from pond



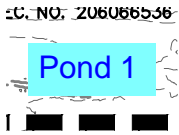
**Subject:** Callout  
**Page Index:** 112  
**Date:** 7/6/2022 3:03:40 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 112

List release flows from pond



**Subject:** Text Box  
**Page Index:** 112  
**Date:** 7/6/2022 3:04:02 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 112

Pond 2



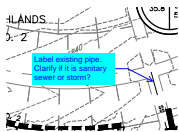
**Subject:** Text Box  
**Page Index:** 112  
**Date:** 7/6/2022 3:04:17 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 112

Pond 1

Label all streets

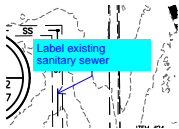
**Subject:** Text Box  
**Page Index:** 112  
**Date:** 7/6/2022 3:04:48 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 112

Label all streets



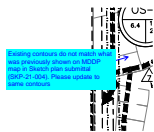
**Subject:** Callout  
**Page Index:** 112  
**Date:** 7/6/2022 3:05:38 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 112

Label existing pipe. Clarify if it is sanitary sewer or storm?



**Subject:** Callout  
**Page Index:** 112  
**Date:** 7/6/2022 3:06:03 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 112

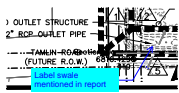
Label existing sanitary sewer



**Subject:** Callout  
**Page Index:** 112  
**Date:** 7/6/2022 3:36:48 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 112

Existing contours do not match what was previously shown on MDDP map in Sketch plan submittal (SKP-21-004). Please update to same contours





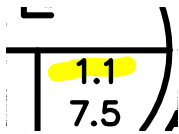
**Subject:** Callout  
**Page Index:** 112  
**Date:** 7/6/2022 3:37:32 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 112

Label swale mentioned in report

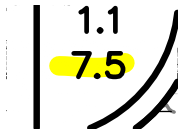


**Subject:** Callout  
**Page Index:** 112  
**Date:** 7/6/2022 3:37:56 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 112

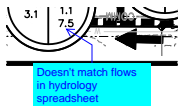
Show & label existing inlet



**Subject:** Highlight  
**Page Index:** 112  
**Date:** 7/6/2022 3:38:09 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 112

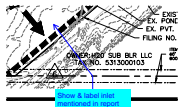


**Subject:** Highlight  
**Page Index:** 112  
**Date:** 7/6/2022 3:38:10 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 112



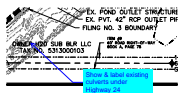
**Subject:** Callout  
**Page Index:** 112  
**Date:** 7/6/2022 3:38:23 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 112

Doesn't match flows in hydrology spreadsheet



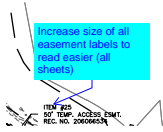
**Subject:** Callout  
**Page Index:** 112  
**Date:** 7/6/2022 3:53:51 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 112

Show & label inlet mentioned in report



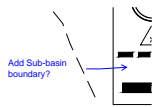
**Subject:** Callout  
**Page Index:** 112  
**Date:** 7/6/2022 3:39:21 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 112

Show & label existing culverts under Highway 24



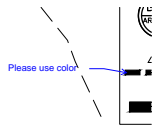
**Subject:** Callout  
**Page Index:** 112  
**Date:** 7/6/2022 3:40:17 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 112

Increase size of all easement labels to read easier (all sheets)



**Subject:** Callout  
**Page Index:** 112  
**Date:** 7/11/2022 9:04:46 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 112

Add Sub-basin boundary?



**Subject:** Callout  
**Page Index:** 112  
**Date:** 7/11/2022 9:04:46 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 112

Please use color



**Subject:** Callout  
**Page Index:** 112  
**Date:** 7/11/2022 9:09:09 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 112

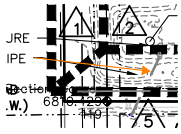
Label Sand Creek and Falcon basins



**Subject:** Highlight  
**Page Index:** 112  
**Date:** 7/11/2022 9:10:59 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 112



**Subject:**  
**Page Index:** 112  
**Date:** 7/11/2022 4:38:20 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 112



**Subject:** Arrow  
**Page Index:** 112  
**Date:** 7/15/2022 12:15:31 PM  
**Author:** dotprete  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 112

113 (33)

Grading shown does not appear to match what is shown on GEC plan set. Please reconcile between both sets of plans.

**Subject:** Text Box  
**Page Index:** 113  
**Date:** 7/5/2022 10:54:21 AM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 113

Grading shown does not appear to match what is shown on GEC plan set. Please reconcile between both sets of plans.

313.0  
313.4

**Subject:** Text Box  
**Page Index:** 113  
**Date:** 7/6/2022 3:40:56 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 113

313.4

744.8  
774.9

**Subject:** Text Box  
**Page Index:** 113  
**Date:** 7/6/2022 3:41:16 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 113

774.9

31.1  
~~744.8~~

**Subject:** Line  
**Page Index:** 113  
**Date:** 7/6/2022 3:41:22 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 113

4.6  
~~313.6~~

**Subject:** Line  
**Page Index:** 113  
**Date:** 7/6/2022 3:41:28 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 113

Missing internal basin lines for Basins B & C

**Subject:** Text Box  
**Page Index:** 113  
**Date:** 7/6/2022 3:42:24 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 113

Missing internal basin lines for Basins B & C

Label all high and low points

**Subject:** Text Box  
**Page Index:** 113  
**Date:** 7/6/2022 3:43:19 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 113

Label all high and low points

Include existing street names

**Subject:** Text Box  
**Page Index:** 113  
**Date:** 7/6/2022 3:43:16 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 113

Include existing street names

TS LLC

Linetype doesn't match plan view

JTILET STRUCTURE  
AY, 2020)  
40" RCP OUTLET

**Subject:** Callout  
**Page Index:** 113  
**Date:** 7/6/2022 3:43:55 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 113

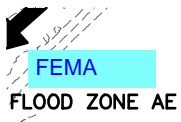
Linetype doesn't match plan view

Add note to see sheets DR-3 thru DR-5 for Sub-basins for Basins B, C & D

ENTS LLC

**Subject:** Text Box  
**Page Index:** 113  
**Date:** 7/6/2022 3:44:51 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 113

Add note to see sheets DR-3 thru DR-5 for Sub-basins for Basins B, C & D



**Subject:** Text Box  
**Page Index:** 113  
**Date:** 7/6/2022 3:45:09 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 113

FEMA



**Subject:** Text Box  
**Page Index:** 113  
**Date:** 7/6/2022 3:46:26 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 113

BASIN



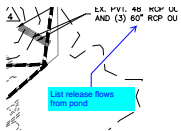
**Subject:** Text Box  
**Page Index:** 113  
**Date:** 7/6/2022 3:46:59 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 113

BASIN



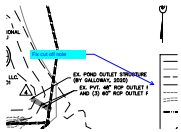
**Subject:** Callout  
**Page Index:** 113  
**Date:** 7/6/2022 3:47:20 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 113

Fix overlapping text



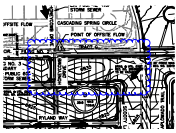
**Subject:** Callout  
**Page Index:** 113  
**Date:** 7/6/2022 3:47:43 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 113

List release flows from pond

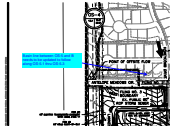


**Subject:** Callout  
**Page Index:** 113  
**Date:** 7/6/2022 3:47:58 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 113

Fix cut off note

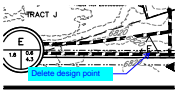


**Subject:** Cloud  
**Page Index:** 113  
**Date:** 7/6/2022 3:48:38 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 113



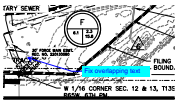
**Subject:** Callout  
**Page Index:** 113  
**Date:** 7/6/2022 3:49:21 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 113

Basin line between OS-5 and B needs to be updated to follow along OS-5.1 thru OS-5.3



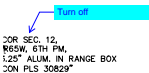
**Subject:** Callout  
**Page Index:** 113  
**Date:** 7/6/2022 3:49:44 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 113

Delete design point



**Subject:** Callout  
**Page Index:** 113  
**Date:** 7/6/2022 3:50:04 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 113

Fix overlapping text



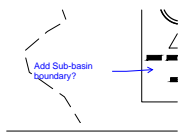
**Subject:** Callout  
**Page Index:** 113  
**Date:** 7/6/2022 3:50:15 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 113

Turn off



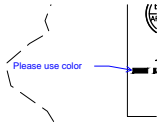
**Subject:** Callout  
**Page Index:** 113  
**Date:** 7/6/2022 3:50:31 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 113

Fix overlapping text



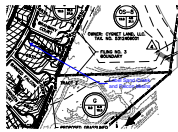
**Subject:** Callout  
**Page Index:** 113  
**Date:** 7/11/2022 9:03:38 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 113

Add Sub-basin boundary?



**Subject:** Callout  
**Page Index:** 113  
**Date:** 7/11/2022 9:03:56 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 113

Please use color



**Subject:** Callout  
**Page Index:** 113  
**Date:** 7/11/2022 9:12:59 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 113

Label Sand Creek and Falcon basins



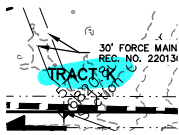
**Subject:** Highlight  
**Page Index:** 113  
**Date:** 7/11/2022 9:12:38 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 113



**Subject:**  
**Page Index:** 113  
**Date:** 7/11/2022 4:37:01 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 113



**Subject:**  
**Page Index:** 113  
**Date:** 7/11/2022 4:37:31 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 113



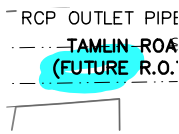
**Subject:**  
**Page Index:** 113  
**Date:** 7/11/2022 4:37:51 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 113



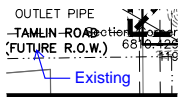
**Subject:**  
**Page Index:** 113  
**Date:** 7/11/2022 4:38:07 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 113



**Subject:**  
**Page Index:** 113  
**Date:** 7/11/2022 4:38:30 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 113



**Subject:**  
**Page Index:** 113  
**Date:** 7/11/2022 4:39:09 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 113



**Subject:** Callout  
**Page Index:** 113  
**Date:** 7/11/2022 4:39:26 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 113

Existing

---

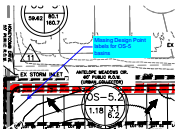
114 (22)



**Subject:** Text Box  
**Page Index:** 114  
**Date:** 7/6/2022 3:51:22 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 114

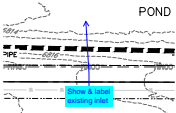
Add existing street names





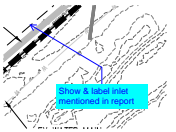
**Subject:** Callout  
**Page Index:** 114  
**Date:** 7/6/2022 3:52:04 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 114

Missing Design Point labels for OS-5 basins



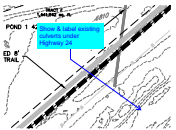
**Subject:** Callout  
**Page Index:** 114  
**Date:** 7/6/2022 3:53:43 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 114

Show & label existing inlet



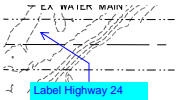
**Subject:** Callout  
**Page Index:** 114  
**Date:** 7/6/2022 3:54:53 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 114

Show & label inlet mentioned in report



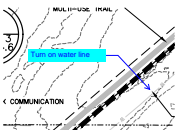
**Subject:** Callout  
**Page Index:** 114  
**Date:** 7/6/2022 3:54:44 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 114

Show & label existing culverts under Highway 24



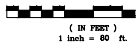
**Subject:** Callout  
**Page Index:** 114  
**Date:** 7/6/2022 3:55:10 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 114

Label Highway 24



**Subject:** Callout  
**Page Index:** 114  
**Date:** 7/6/2022 3:55:31 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 114

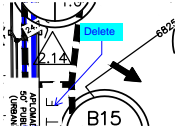
Turn on water line



Show and label cross pans

**Subject:** Text Box  
**Page Index:** 114  
**Date:** 7/6/2022 3:56:06 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 114

Show and label cross pans



**Subject:** Callout  
**Page Index:** 114  
**Date:** 7/6/2022 3:57:03 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 114

Delete

Label what this area is

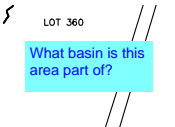
**Subject:** Text Box  
**Page Index:** 114  
**Date:** 7/6/2022 3:57:25 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 114

Label what this area is



**Subject:** Text Box  
**Page Index:** 114  
**Date:** 7/6/2022 3:57:45 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 114

5.4



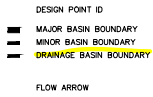
**Subject:** Text Box  
**Page Index:** 114  
**Date:** 7/6/2022 3:58:21 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 114

What basin is this area part of?

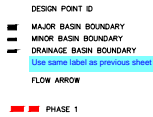


**Subject:** Callout  
**Page Index:** 114  
**Date:** 7/6/2022 3:59:10 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 114

No difference between linetypes in plan view

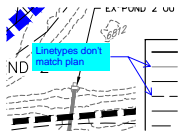


**Subject:** Highlight  
**Page Index:** 114  
**Date:** 7/6/2022 3:59:25 PM  
**Author:** CDurham  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 114



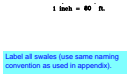
**Subject:** Text Box  
**Page Index:** 114  
**Date:** 7/6/2022 3:59:46 PM  
**Author:** CDurham  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 114

Use same label as previous sheet



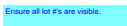
**Subject:** Callout  
**Page Index:** 114  
**Date:** 7/6/2022 4:00:48 PM  
**Author:** CDurham  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 114

Linetypes don't match plan



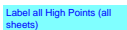
**Subject:** Text Box  
**Page Index:** 114  
**Date:** 7/6/2022 5:05:23 PM  
**Author:** CDurham  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 114

Label all swales (use same naming convention as used in appendix).



**Subject:** Text Box  
**Page Index:** 114  
**Date:** 7/6/2022 4:06:53 PM  
**Author:** CDurham  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 114

Ensure all lot #'s are visible.



**Subject:** Text Box  
**Page Index:** 114  
**Date:** 7/6/2022 4:07:16 PM  
**Author:** CDurham  
**Color:**   
**Layer:**  
**Space:**  
**Page Label:** 114

Label all High Points (all sheets)

**Subject:** Text Box  
**Page Index:** 114  
**Date:** 7/6/2022 4:07:28 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 114

Include match lines

Include match lines

**Subject:** Text Box  
**Page Index:** 114  
**Date:** 7/6/2022 4:07:59 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 114

Make phasing lines a bit narrower so basin lines are easier to see.

Make phasing lines a bit narrower so basin lines are easier to see.

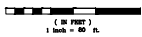
**Subject:** Text Box  
**Page Index:** 114  
**Date:** 7/6/2022 4:08:15 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 114

Need to show overflow path for all sump inlets

Need to show overflow path for all sump inlets

---

115 (12)



See comments from previous page

**Subject:** Text Box  
**Page Index:** 115  
**Date:** 7/6/2022 4:08:49 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 115

See comments from previous page

EX PUBLIC 36"  
RCP STORM MAIN  
Sanitary sewer?

**Subject:** Text Box  
**Page Index:** 115  
**Date:** 7/6/2022 4:09:13 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 115

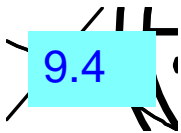
Sanitary sewer?



Label what this area is

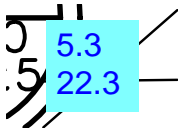
**Subject:** Text Box  
**Page Index:** 115  
**Date:** 7/6/2022 4:13:40 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 115

Label what this area is



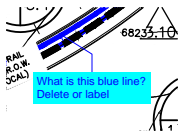
**Subject:** Text Box  
**Page Index:** 115  
**Date:** 7/6/2022 4:09:59 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 115

9.4



**Subject:** Text Box  
**Page Index:** 115  
**Date:** 7/6/2022 4:10:19 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 115

5.3  
22.3



**Subject:** Callout  
**Page Index:** 115  
**Date:** 7/6/2022 4:15:28 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 115

What is this blue line? Delete or label



**Subject:** Callout  
**Page Index:** 115  
**Date:** 7/6/2022 5:04:17 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 115

Fix overlapping texts



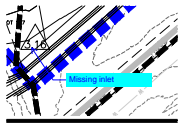
**Subject:** Callout  
**Page Index:** 115  
**Date:** 7/6/2022 5:06:05 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 115

It appears these are low points, which would require inlets



**Subject:** Callout  
**Page Index:** 115  
**Date:** 7/6/2022 5:07:51 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 115

Fix overlapping texts



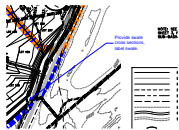
**Subject:** Callout  
**Page Index:** 115  
**Date:** 7/6/2022 5:13:45 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 115

Missing inlet



**Subject:** Callout  
**Page Index:** 115  
**Date:** 7/11/2022 8:58:05 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 115

Is a culvert needed?



**Subject:** Callout  
**Page Index:** 115  
**Date:** 7/11/2022 8:58:16 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 115

Provide swale cross sections, label swale.

---

116 (13)

---



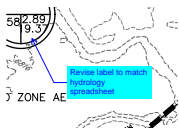
**Subject:** Text Box  
**Page Index:** 116  
**Date:** 7/6/2022 5:08:48 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 116

See comments from sheet DR-03



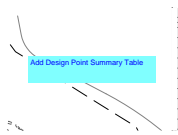
**Subject:** Callout  
**Page Index:** 116  
**Date:** 7/6/2022 5:09:11 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 116

Fix overlapping text



**Subject:** Callout  
**Page Index:** 116  
**Date:** 7/6/2022 5:09:48 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 116

Revise label to match hydrology spreadsheet



**Subject:** Text Box  
**Page Index:** 116  
**Date:** 7/6/2022 5:10:15 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 116

Add Design Point Summary Table



**Subject:** Callout  
**Page Index:** 116  
**Date:** 7/6/2022 5:10:47 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 116

Fix overlapping text



**Subject:** Text Box  
**Page Index:** 116  
**Date:** 7/6/2022 5:11:36 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 116

Missing Design Point 3.18 on map

	0.00	0.06	3.40
3	0.21	0.44	12.30
2	0.30	0.50	80.10
5	0.22	0.46	31.90
1	0.22	0.46	32.22
3	0.09	0.36	4.63

0.34' E-BOUND  
 PROPERTY BOUNDARY

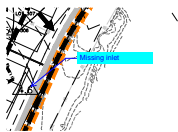
**Subject:** Callout  
**Page Index:** 116  
**Date:** 7/6/2022 5:12:08 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 116

0.34

10	0.00	0.00	0.00
11	0.00	0.00	0.00
12	0.00	0.00	0.00
13	0.00	0.00	0.00
14	0.00	0.00	0.00
15	0.00	0.00	0.00
16	0.00	0.00	0.00
17	0.00	0.00	0.00
18	0.00	0.00	0.00
19	0.00	0.00	0.00
20	0.00	0.00	0.00
21	0.00	0.00	0.00
22	0.00	0.00	0.00
23	0.00	0.00	0.00
24	0.00	0.00	0.00
25	0.00	0.00	0.00
26	0.00	0.00	0.00
27	0.00	0.00	0.00
28	0.00	0.00	0.00
29	0.00	0.00	0.00
30	0.00	0.00	0.00
31	0.00	0.00	0.00
32	0.00	0.00	0.00
33	0.00	0.00	0.00
34	0.00	0.00	0.00
35	0.00	0.00	0.00
36	0.00	0.00	0.00
37	0.00	0.00	0.00
38	0.00	0.00	0.00
39	0.00	0.00	0.00
40	0.00	0.00	0.00
41	0.00	0.00	0.00
42	0.00	0.00	0.00
43	0.00	0.00	0.00
44	0.00	0.00	0.00
45	0.00	0.00	0.00
46	0.00	0.00	0.00
47	0.00	0.00	0.00
48	0.00	0.00	0.00
49	0.00	0.00	0.00
50	0.00	0.00	0.00
51	0.00	0.00	0.00
52	0.00	0.00	0.00
53	0.00	0.00	0.00
54	0.00	0.00	0.00
55	0.00	0.00	0.00
56	0.00	0.00	0.00
57	0.00	0.00	0.00
58	0.00	0.00	0.00
59	0.00	0.00	0.00
60	0.00	0.00	0.00
61	0.00	0.00	0.00
62	0.00	0.00	0.00
63	0.00	0.00	0.00
64	0.00	0.00	0.00
65	0.00	0.00	0.00
66	0.00	0.00	0.00
67	0.00	0.00	0.00
68	0.00	0.00	0.00
69	0.00	0.00	0.00
70	0.00	0.00	0.00
71	0.00	0.00	0.00
72	0.00	0.00	0.00
73	0.00	0.00	0.00
74	0.00	0.00	0.00
75	0.00	0.00	0.00
76	0.00	0.00	0.00
77	0.00	0.00	0.00
78	0.00	0.00	0.00
79	0.00	0.00	0.00
80	0.00	0.00	0.00
81	0.00	0.00	0.00
82	0.00	0.00	0.00
83	0.00	0.00	0.00
84	0.00	0.00	0.00
85	0.00	0.00	0.00
86	0.00	0.00	0.00
87	0.00	0.00	0.00
88	0.00	0.00	0.00
89	0.00	0.00	0.00
90	0.00	0.00	0.00
91	0.00	0.00	0.00
92	0.00	0.00	0.00
93	0.00	0.00	0.00
94	0.00	0.00	0.00
95	0.00	0.00	0.00
96	0.00	0.00	0.00
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98	0.00	0.00	0.00
99	0.00	0.00	0.00
100	0.00	0.00	0.00

**Subject:** Callout  
**Page Index:** 116  
**Date:** 7/6/2022 5:12:41 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 116

10' inlet per spreadsheet



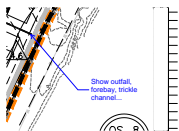
**Subject:** Callout  
**Page Index:** 116  
**Date:** 7/6/2022 5:12:59 PM  
**Author:** CDurham  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 116

Missing inlet



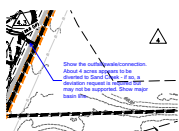
**Subject:** Callout  
**Page Index:** 116  
**Date:** 7/11/2022 8:51:29 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 116

Adjust text to show inlets



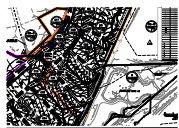
**Subject:** Callout  
**Page Index:** 116  
**Date:** 7/11/2022 8:52:22 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 116

Show outfall, forebay, trickle channel...



**Subject:** Callout  
**Page Index:** 116  
**Date:** 7/11/2022 8:55:44 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 116

Show the outfall/swale/connection. About 4 acres appears to be diverted to Sand Creek - if so, a deviation request is required but may not be supported. Show major basin line.



**Subject:**  
**Page Index:** 116  
**Date:** 7/11/2022 9:02:29 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 116