


# Final Drainage Report Redlines.pdf Markup Summary


Bret (16)

reet and accepts developed flows from E  
rbigutter. The street capacity of the ac  
sed. Per MHFD inlet spreadsheet,  
street capacity is exceeded for  
major storm. Please revise  
statement.  
nber: Inlet DP4  
Flow: 7.2cfs  
sed: 1.3cfs to DP5

**Subject:** Text Box  
**Page Label:** 10  
**Author:** Bret  
**Date:** 7/16/2024 2:53:43 PM  
**Status:**  
**Color:**   
**Layer:**  
**Space:**

Per MHFD inlet spreadsheet, street capacity is exceeded for major storm. Please revise statement



**Subject:** Re: Text Box  
**Page Label:** 10  
**Author:** Rich  
**Date:** 7/24/2024 7:21:51 AM  
**Status:**  
**Color:**   
**Layer:**  
**Space:**

Street slope changed to 0.91% which has capacity


e of an access street and  
ign Point 4 via curb/gutter  
pe) **is not exceeded.**

**Subject:** Highlight  
**Page Label:** 10  
**Author:** Bret  
**Date:** 7/16/2024 2:53:36 PM  
**Status:**  
**Color:**   
**Layer:**  
**Space:**

is not exceeded.

Inlet/MH Number: In


is located on the south side of an access t  
unoff will be conveyed to an existing  
in the 5/100-year storm events. The 4  
er the Fontaine Blvd. Phase 1 FDR which

**Subject:** Engineer  
**Page Label:** 13  
**Author:** Bret  
**Date:** 7/16/2024 3:10:22 PM  
**Status:**  
**Color:**   
**Layer:**  
**Space:**

Fontaine Blvd. Phase 1 FDR


ON AND WATER QUALITY PONDS



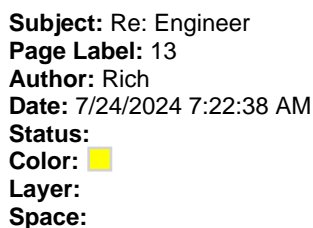
**Subject:** Re: Engineer  
**Page Label:** 13  
**Author:** Rich  
**Date:** 7/24/2024 7:22:02 AM  
**Status:**  
**Color:**   
**Layer:**  
**Space:**


reference added

30-year storm events.  
It on the south side of an access street and to the total pipe  
It be conveyed to an existing 34"x50" HERCOP. The  
100-year storm events. The allowable flow into the 4  
ative Blvd. Phase 1 FDR which designed the existing sys  
Please provide reference or PCD  
file number to document  
WATER QUALITY POND

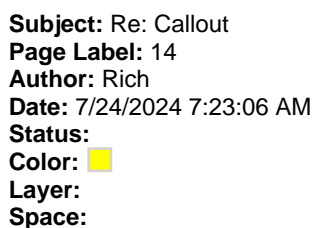
**Subject:** Engineer  
**Page Label:** 13  
**Author:** Bret  
**Date:** 7/16/2024 3:10:57 PM  
**Status:**  
**Color:**   
**Layer:**  
**Space:**

Please provide reference or PCD file number to document




**Subject:** Callout  
**Page Label:** 14  
**Author:** Bret  
**Date:** 7/16/2024 3:12:40 PM  
**Status:**  
**Color:**   
**Layer:**  
**Space:**

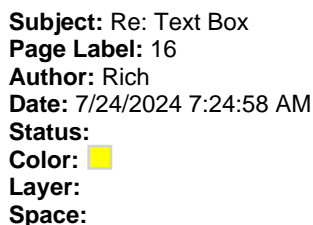
Revise paragraph and show what fees would be. Basin has not yet been officially closed, but anticipating to be closed. Closure still needs to be approved by BOCC before official. "If basin not closed by time of platting, fees would be..."




basin has been closed in lorson and BOCC  
resolution number added.

**Subject:** Text Box  
**Page Label:** 16  
**Author:** Bret  
**Date:** 7/16/2024 3:15:25 PM  
**Status:**  
**Color:**   
**Layer:**  
**Space:**

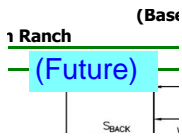
Design Point 3 missing from spreadsheet



Des. Pt 3 and 3a are in this row. label added to spreadsheet.

**Subject:** Text Box  
**Page Label:** 17  
**Author:** Bret  
**Date:** 7/16/2024 3:15:31 PM  
**Status:**  
**Color:**   
**Layer:**  
**Space:**

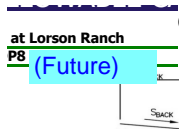
Design Point 3 missing from spreadsheet



**Subject:** Text Box  
**Page Label:** 30 (Future)  
**Author:** Bret  
**Date:** 7/22/2024 12:46:30 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**



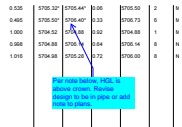
**Subject:** Re: Text Box  
**Page Label:** 30 added  
**Author:** Rich  
**Date:** 7/24/2024 7:25:05 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**



**Subject:** Text Box  
**Page Label:** 32 (Future)  
**Author:** Bret  
**Date:** 7/16/2024 3:55:57 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**



**Subject:** Re: Text Box  
**Page Label:** 32 added  
**Author:** Rich  
**Date:** 7/24/2024 7:25:10 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**



**Subject:** Callout  
**Page Label:** 56  
**Author:** Bret  
**Date:** 7/16/2024 4:08:46 PM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

Per note below, HGL is above crown. Revise design to be in pipe or add note to plans.



**Subject:** Re: Callout  
**Page Label:** 56  
**Author:** Rich  
**Date:** 7/24/2024 7:29:18 AM  
**Status:**  
**Color:** ■  
**Layer:**  
**Space:**

CD's have note that we are using gasketed RCP rated for the pressure of the HGL above the crown.

5705.93	5707.53	n/a
5707.53	5707.95	0.72
5705.32*	5705.44*	0.06
5705.50*	5706.40*	0.33
5704.52	5704.88	0.92

**Subject:** Highlight

5705.32\* 5705.44\*

**Page Label:** 56

**Author:** Bret

**Date:** 7/16/2024 4:08:34 PM

**Status:**

**Color:** 

**Layer:**

**Space:**

5707.53	5707.95	0.72
5705.32*	5705.44*	0.06
5705.50*	5706.40*	0.33
5704.52	5704.88	0.92
5704.88	5706.14	0.64

**Subject:** Highlight

5705.50\* 5706.40\*

**Page Label:** 56

**Author:** Bret

**Date:** 7/16/2024 4:08:37 PM

**Status:**

**Color:** 

**Layer:**

**Space:**

Unresolved: Label all adjacent property owners
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**Subject:** Text Box

Unresolved: Label all adjacent property owners

**Page Label:** [1] EXISTING CONDITIONS

**Author:** Bret

**Date:** 7/16/2024 4:18:41 PM

**Status:**

**Color:** 

**Layer:**

**Space:**

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**Subject:** Re: Text Box

property owners added

**Page Label:** [1] EXISTING CONDITIONS

**Author:** Rich

**Date:** 7/24/2024 7:29:47 AM

**Status:**

**Color:** 

**Layer:**

**Space:**

Unresolved: Show and label all existing easements
---

**Subject:** Text Box

Unresolved: Show and label all existing easements

**Page Label:** [1] EXISTING CONDITIONS

**Author:** Bret

**Date:** 7/16/2024 4:19:43 PM

**Status:**

**Color:** 

**Layer:**

**Space:**

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**Subject:** Re: Text Box


easements labeled/shown

**Page Label:** [1] EXISTING CONDITIONS

**Author:** Rich

**Date:** 7/24/2024 7:29:59 AM


**Status:**

**Color:** 

**Layer:**


**Space:**

Unresolved: Label all existing storm structures (several labeled on proposed map that are not labeled on this map).

**Subject:** Text Box  
**Page Label:** [1] EXISTING CONDITIONS  
**Author:** Bret  
**Date:** 7/16/2024 4:20:56 PM  
**Status:**  
**Color:**   
**Layer:**  
**Space:**


Unresolved: Label all existing storm structures (several labeled on proposed map that are not labeled on this map).



**Subject:** Re: Text Box  
**Page Label:** [1] EXISTING CONDITIONS  
**Author:** Rich  
**Date:** 7/24/2024 7:30:15 AM  
**Status:**  
**Color:**   
**Layer:**  
**Space:**


structures labeled.

Unresolved - dtdilts  
07/16/2024 3:23:57 PM


**Subject:** Unresolved  
**Page Label:** 60  
**Author:** Bret  
**Date:** 7/16/2024 4:23:56 PM  
**Status:**  
**Color:**   
**Layer:**  
**Space:**

Rich (7)




**Subject:** Polygon  
**Page Label:** 3  
**Author:** Rich  
**Date:** 2/16/2024 2:00:46 PM  
**Status:**  
**Color:**   
**Layer:**  
**Space:**



**Subject:** Callout  
**Page Label:** 3  
**Author:** Rich  
**Date:** 2/16/2024 2:00:25 PM  
**Status:**  
**Color:**   
**Layer:**  
**Space:**

SITE



**Subject:** Text Box  
**Page Label:** 3  
**Author:** Rich  
**Date:** 2/16/2024 2:02:15 PM  
**Status:**  
**Color:**   
**Layer:**  
**Space:**

FONTAINE BLVD.

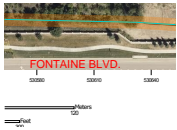


**Subject:** Text Box  
**Page Label:** 3  
**Author:** Rich  
**Date:** 2/16/2024 2:02:15 PM  
**Status:**  
**Color:** ☐  
**Layer:**  
**Space:**

MARKSHEFFEL RD.



**Subject:** Polygon  
**Page Label:** 4  
**Author:** Rich  
**Date:** 2/16/2024 2:03:19 PM  
**Status:**  
**Color:** ☐  
**Layer:**  
**Space:**



**Subject:** Text Box  
**Page Label:** 4  
**Author:** Rich  
**Date:** 2/16/2024 2:04:12 PM  
**Status:**  
**Color:** ☐  
**Layer:**  
**Space:**

FONTAINE BLVD.



**Subject:** Text Box  
**Page Label:** 4  
**Author:** Rich  
**Date:** 2/16/2024 2:04:07 PM  
**Status:**  
**Color:** ☐  
**Layer:**  
**Space:**

CARRIAGE MEADOWS DR.