

ENG-MDP21001-R1.5-MDDP.pdf Markup Summary

1 (2)



Subject: EPC ENG Review
Page Index: 1
Date: 6/9/2021 10:46:49 AM
Author: dsdrice
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Subject: PCD Comment Legend
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Author: dsdrice
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6 (1)

je begins at Desig
Q₅ = 2.1 cfs, Q₁₀₀
s Filing No. 3, just
and Future Model

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= 2.1 cfs,

8 (9)

Basin 014 (21.9 AC, Q₅ = 6.0 cfs, Q₁₀₀ = 63.0 cfs) is a portion of the
Basin 014, which is the south portion of the site and is part of the
currently undeveloped and contains two drainage ditches. A rock-lined
inlet structure with Basin 012 flow from Basin 014. Basin 014 is
located from the existing channel.

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Flows exiting the site are a mix of DBPS and
rational flow

to remaining DBPS, a minimum of 100 gpm is generated in the
Basin 014. Basin 014 is the south portion of the site and is part of the
currently undeveloped and contains two drainage ditches. A rock-lined
inlet structure with Basin 012 flow from Basin 014. Basin 014 is
located from the existing channel.

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remaining portions of

60 and 188
l is 121.6 acf
Flows from

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121.6

...solving the site are a mix of LSPs and rational flows. In ...
...of the Basin Cross development, there are two basins (1) ...
...ch will contribute flows to the channel reach RW210 prior ...
...side of the channel and is 172.8 acres. Future flows from ...
...2 major storm events. Basin WT220 is on the east side of th ...
...basin and 85 cfs for the 5-year storm and 250 cfs for the 1' ...
...in the HEC-HMS model in the appendix. Refer to Figures 3- ...
...diology) in Appendix A.

Four Step Process
A Four Step Process is used to minimize the adverse impact ...
...developing a balanced, sustainable project. Below identifies

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e 85 cfs for the 5-year storm and 250 cfs

...the basin cross development, there are two basins (1) ...
...ch will contribute flows to the channel reach RW210 prior ...
...side of the channel and is 172.8 acres. Future flows from ...
...2 major storm events. Basin WT220 is on the east side of th ...
...basin and 85 cfs for the 5-year storm and 250 cfs for the 1' ...
...in the HEC-HMS model in the appendix. Refer to Figures 3- ...
...diology) in Appendix A.

Four Step Process
A Four Step Process is used to minimize the adverse impact ...
...developing a balanced, sustainable project. Below identifies

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This paragraph still needs more detail, and needs to correspond to a plan showing current conditions.

...velopment, there are ...
...to the channel reach ...
...nd is 172.8 acres. Fut ...
...asin WT220 is on the ...
...5-year storm and 25

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172.8 acres

...WT220, as shown in the ...
...en Road. Basin WT210 ...
...are 60 and 188 cfs for th ...
...and is 121.6 acres. Flov ...
...orm. Flows from both bas ...
...Hydrology) and 3-12/

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60 and 188 cfs

...wn in the DBPS) ...
...WT210 is on the ...
...cfs for the minor ...
...res. Flows from ...
...both basins are ...
...id 3-12/Future

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see redlines

...HMS model in the appendix. Refer to Figures 3-12 (showing Hydrology) and 3-12/Future ...
...diology) in Appendix A.

Four Step Process
A Four Step Process is used to minimize the adverse impact ...
...developing a balanced, sustainable project. Below identifies

Subject: Contractor
Page Index: 8
Date: 6/7/2021 3:51:43 PM
Author: EPC Stormwater - Glenn Reese
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Revise this section per the "Four-Step Process" for selecting structural BMPs (ECM Section 1.7.2 BMP Selection). ie: switch #2 and #3, and revise #4 to match what is in EPC criteria.

ontrol volume detention
ed into the channel. WQCV
and 2
idential, Filing No. It will
ll be treated prior to being
a small area less than 1 0

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and 2

volume to allow the release of runoff from the site.
Check water quality control volume detention
The flow could be being released into the channel. WQCV
Basin.
A west of Bent Grass Residential, Filing No. 1, will
be able to release flow. It will be treated prior to being
g through the site. Only a small area, less than 1
channel. [←](#) Is the last sentence correct?
conveys runoff to the existing detention and water
Pond 060. The Bent Grass Residential, Filing No. 1,
is to receive flow from basins MT060 and discharge
and 060. Flow from Bent Grass Residential, Filing No. 1,
existing roadside ditch along Meridian Road, which
and adjacent basins will release into the site.
Pond 060 is currently under construction. The
Basin, which will be located on the site.

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Is the last sentence correct?

roughness and water quality control volume.
wadows at Bent Grass development, west of Bent C
l water quality ponds throughout the site to ensure
the West Tributary Channel, running through the site
be treated prior to releasing into the channel.
Meridian Road
existing roadside ditch, ultimately conveys runoff to
N, as shown and discussed in the Falcon DBPS. T
n and water quality pond SR-4 that is to receive flo
/0, ultimately routing to existing Pond MN, Flows 1
MT 060 but are being routed to the existing roadside
060. The flow from the "Behind Sign" and constructio

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Meridian Road

will 060 along Meridian Road was included with results
to be included in the existing ditch, as a result
provision was included to be able to be able to
060, water quality pond SR-4, which is proposed in the DBPS
and
proposed with a necessary being in the existing channel
is consistent with the DBPS flow and Bent Grass development
is included in the DBPS. [←](#) Is this proposed in the DBPS
and, registered today, to ensure that the canal
at the end of the canal. [←](#) Is this proposed in the DBPS?
to be included in the DBPS. [←](#) Is this proposed in the DBPS?
and
Bent Grass Residential
include the end of the project on the primary area where
the Bent Grass Residential, Filing No. 1, is located.
The Bent Grass Residential, Filing No. 1, is located
along Meridian Road, which is currently under construction.
The Bent Grass Residential, Filing No. 1, is located
along Meridian Road, which is currently under construction.
The Bent Grass Residential, Filing No. 1, is located
along Meridian Road, which is currently under construction.

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as proposed in the DBPS

ch lot onto the
; to DP 15. Fl
rth WQCV po

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DP 15

om each lot c
; to DP 12. Fl
rth WQCV po

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DP 12



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still not per plan

e intersectic
 at DP 8. Flo

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DP 8

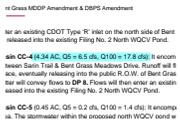
noff will flow from each lot onto the p
 will convey flows to the intersection c
 sly to the existing inlet at DP 8. Flow:

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DP13?

DP13?

12 (15)



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(4.34 AC, Q5 = 6.5 cfs, Q100 = 17.8 cfs):

existing CDOT Type 'R' inlet on t
 id into the existing Filing No. 2 N
 3.65
 -4 (4.34 AC, Q5 = 6.5 cfs, Q100
 Sarin Trail & Bent Grass Meadow
 entually releasing into the public
 onvey flows to DP 8. Flow will

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3.65

each lot onto the proposed pi
 DP 21. Flows will then enter ;
 outfall in the proposed south
 22?
 Basin D-2 (7.42 AC, Q5 = 11.5
 amily residential lots, Isabel

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22?

el Place, Raylan Loop, Jolie Cou
lot onto the proposed public R.O
DP 14. Flows will then enter a pr
fall in the proposed south WQC
21?
0.8 cfs, Q100 = 2.3 cfs); a basin
mpasses the backs of several pr
roperty line and Swale E (existing

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ach lot onto the
; to **DP 14.** Flo
/ outfall in the

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each lot o
DP 21. Fl
outfall in t

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proposed mountable curb at
DOT Type 'R' inlet where it w
DP 31
45?
e southwest corner of the s
idential lots as well as prop
south property line. Duff

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d CDOT Type
l at **DP 31.**

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system w/
DP 31.

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ot onto the pr
; to DP 17. Flo
ly outfall in th

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DP 17

wena vray, & portions of Linley
nto the proposed public R.O.W
DP 17. Flows will then enter a
outfall in the proposed south W
42?

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42?

roposed
d CDOT Type 'F
nd at DP 31.

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t DP 31.

the public R.O.
to DP 18. Flo
ely outfall in th

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DP 18.

43?
2 cts): a basin that is south of Basin D-S & ea
& half of Linley Way, Jaysa Trail, Henzee Pl
posed public R.O.W. where proposed moun

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43?

CDOT Type 'R
l at DP 31.

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DP 31.

to **DP 18**. Flow outfall in the
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and CDOT Type I at **DP 31**.
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and ditch (Swale) at **DP 32**.
Subject:
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Alcon Meadows No. 3.
Subject:
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adowns Drive through the proposed site.
Plans for 2 additional water quality facilities to Alcon Meadows for Bent Grass PDR and will include No. 1 and 3?
Tributary at DP CC for the future design analysis 100-year storm. This does take into account these flows are less than the current condition the additional WQ ponds being built and storage for additional flow to the "half bank" outfall.
Subject: Callout
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Subject:
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These flows are less than the current conditions (Q100=1224.7 cfs, Q5=278.3 cfs)

ake into account flows from current conditions (Q100=1224.7 cfs) and storm infrastructure "d back" and longer routing of flows, eventually reaching the existing WWT210 in the HEC HMS models. 1169?

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1169?

302, RWT 204 and Basin WT200. 5=278.3 cfs) at this location, due to "future" development. This allows the site. Flows will continue of WU. Flows exiting the project site of the Bent Grass development, in, specifically in regard to DBPS

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261?

10. Proposed Channel Improvements
Mid-Channel
through the existing channel and adjacent areas and associated improvements will consist of:

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compare to existing (pre-Bent Grass Res. 2)

1040 per previous model - how did this increase? DBPS only has 950 at Woodmen Road

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1040 per previous model - how did this increase? DBPS only has 950 at Woodmen Road

still does not make sense

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still does not make sense

Describe how flows to the channel have increased - some area from Mid. Trib. diverted, water-quality facilities without 100-year detention...

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Describe how flows to the channel have increased - some area from Mid. Trib. diverted, water-quality facilities without 100-year detention...

itary size does include the addition of proposed v under the current scenario. Under future conditio any other new developments. Existing Pond WUJ, 24, is regional detention facility for areas just up or the Falcon Highlands area.

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the west side of?

17 (3)

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e \$3,793, an increase of \$604

... (needs to be verified based on platted areas)

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(needs to be verified based on platted areas)

own that the Development Cost for dvert at Bent Grass Meadows ainage Improvement costs shown in based off 645.58 impervious acres. see comment letter as \$23,217. There are no Bridge fee will increase. Based on pervious acre will be \$3,793, an

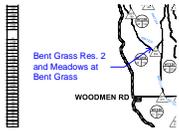
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see comment letter

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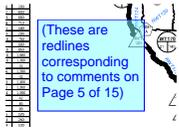
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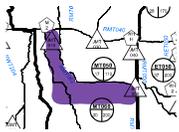
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Bent Grass Res. 2 and Meadows at Bent Grass

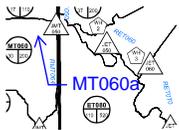


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(These are redlines corresponding to comments on Page 5 of 15)

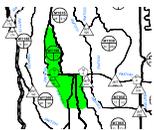


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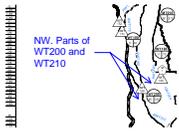
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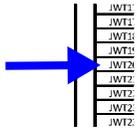


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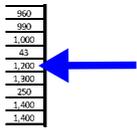


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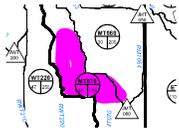
NW. Parts of WT200 and WT210



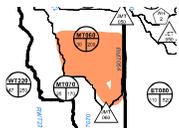
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Subject: Highlight
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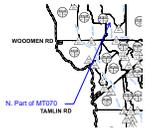


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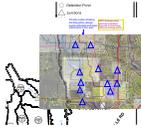
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Pond SR4

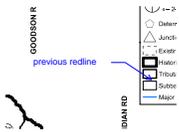


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N. Part of MT070



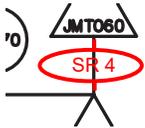
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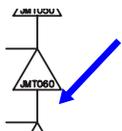
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Color: ■
Layer:
Space:
Page Label: 28

previous redline

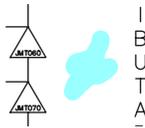
107 (9)



Subject: Snapshot
Page Index: 107
Date: 6/4/2021 5:29:14 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 107

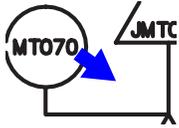


Subject: Arrow
Page Index: 107
Date: 6/4/2021 5:30:19 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 107

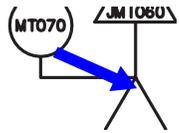


Subject:
Page Index: 107
Date: 6/4/2021 5:29:49 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 107

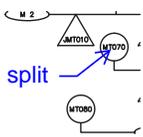
I
B
U
T
A



Subject: Arrow
Page Index: 107
Date: 6/4/2021 5:30:19 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 107

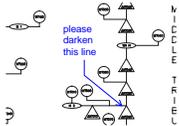


Subject: Arrow
Page Index: 107
Date: 6/4/2021 5:30:34 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 107



Subject: Callout
Page Index: 107
Date: 6/4/2021 5:31:09 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 107

split



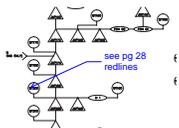
Subject: Callout
Page Index: 107
Date: 6/4/2021 5:31:50 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 107

please darken this line



Subject: Delete
Page Index: 107
Date: 6/4/2021 5:32:03 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 107

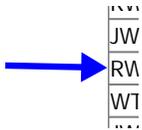
Delete



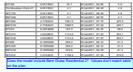
Subject: Callout
Page Index: 107
Date: 6/9/2021 9:51:21 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 107

see pg 28 redlines

110 (2)



Subject: Arrow
Page Index: 110
Date: 6/4/2021 5:34:31 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 110



Subject: Text Box
Page Index: 110
Date: 6/8/2021 10:26:11 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 110

Does the model include Bent Grass Residential 2?
Values don't match table on the plan.

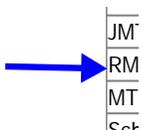
111 (1)



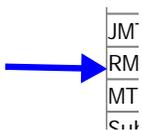
Subject: Callout
Page Index: 111
Date: 6/8/2021 10:21:45 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 111

997 per previous model? Model with old outlet structure

112 (4)



Subject: Arrow
Page Index: 112
Date: 6/4/2021 5:37:43 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 112



Subject: Arrow
Page Index: 112
Date: 6/4/2021 5:37:31 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 112



Subject:
Page Index: 112
Date: 6/4/2021 5:39:35 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 112

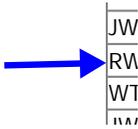
MT070



Subject: Callout
Page Index: 112
Date: 6/4/2021 5:40:03 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 112

Split into N and S

120 (1)



Subject: Arrow
Page Index: 120
Date: 6/8/2021 8:42:26 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 120

165 (1)



Subject: Highlight
Page Index: 165
Date: 6/7/2021 1:43:17 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 165

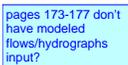
172 (1)



Subject: Callout
Page Index: 172
Date: 6/7/2021 1:46:58 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 172

Flowrates are missing?

173 (1)



Subject: Text Box
Page Index: 173
Date: 6/7/2021 4:21:49 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 173

pages 173-177 don't have modeled flows/hydrographs input?

175 (1)



Subject: Callout
Page Index: 175
Date: 6/7/2021 4:32:19 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 175

Does this area really have an orifice plate?

178 (1)

Pond WU inflow structure?

Subject: Text Box
Page Index: 178
Date: 6/7/2021 4:33:02 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 178

Pond WU inflow structure?

181 (2)

→

Subject: Arrow
Page Index: 181
Date: 6/7/2021 4:33:53 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 181

→

Subject: Text Box
Page Index: 181
Date: 6/7/2021 4:56:10 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 181

No difference between this and "current" values?

182 (1)

→

Subject: Arrow
Page Index: 182
Date: 6/7/2021 4:57:10 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 182

183 (2)

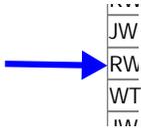
→

Subject: Arrow
Page Index: 183
Date: 6/7/2021 4:48:10 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 183

→

Subject: Arrow
Page Index: 183
Date: 6/7/2021 4:48:10 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 183

191 (1)



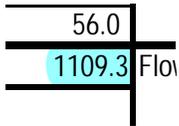
Subject: Arrow
Page Index: 191
Date: 6/8/2021 8:43:58 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 191

224 (2)



Subject: Callout
Page Index: 224
Date: 6/8/2021 10:10:45 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 224

Plan doesn't match this and this is higher than the model. The model flows need to be labeled.



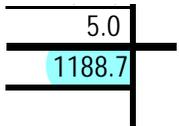
Subject:
Page Index: 224
Date: 6/8/2021 10:10:09 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 224

1109.3

262 (1)

Subject:
Page Index: 262
Date: 6/8/2021 10:32:06 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 262

263 (1)



Subject:
Page Index: 263
Date: 6/8/2021 10:34:35 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 263

1188.7

265 (1)

Subject:
Page Index: 265
Date: 6/8/2021 10:35:26 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 265

1183.4 EXITS SI

Subject: Contractor
Page Index: 274
Date: 6/7/2021 3:51:55 PM
Author: EPC Stormwater - Glenn Reese
Color: ■
Layer:
Space:
Page Label: 274

Per SB 15-212: SW detention ponds should release or infiltrate at least 97% of all of the runoff from a rainfall event that is less than or equal to a 5-year storm within 72 hours after the end of the event

Per SB 15-212: SW detention ponds should release or infiltrate at least 97% of all of the runoff from a rainfall event that is less than or equal to a 5-year storm within 72 hours after the end of the event.

Subject: Contractor
Page Index: 274
Date: 6/7/2021 3:51:55 PM
Author: EPC Stormwater - Glenn Reese
Color: ■
Layer:
Space:
Page Label: 274

Per SB 15-212: SW detention ponds should release or infiltrate as quickly as practicable, but in all cases release or infiltrate at least 99% of the runoff within 120 hours after the end of events greater than a 5-year storm

Subject: Contractor
Page Index: 274
Date: 6/8/2021 4:13:48 PM
Author: EPC Stormwater - Glenn Reese
Color: ■
Layer:
Space:
Page Label: 274

Just as a side note, if this pond is being maintained by an HOA, they might want to look into adjusting the outlet structure, since they are detaining water longer than is acceptable by the state, per SB 15-212.

Subject: SW - Rectangle
Page Index: 274
Date: 6/7/2021 3:54:24 PM
Author: EPC Stormwater - Glenn Reese
Color: ■
Layer:
Space:
Page Label: 274

Subject: SW - Rectangle
Page Index: 274
Date: 6/7/2021 3:54:24 PM
Author: EPC Stormwater - Glenn Reese
Color: ■
Layer:
Space:
Page Label: 274

Subject: Contractor
Page Index: 274
Date: 6/8/2021 4:13:56 PM
Author: EPC Stormwater - Glenn Reese
Color: ■
Layer:
Space:
Page Label: 274

Please make a note that this pond's calcs for existing conditions is for "information only" since there are not any proposed improvements to it.

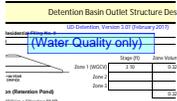
277 (1)



Subject: Text Box
Page Index: 277
Date: 6/8/2021 10:44:55 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 277

(Water Quality only)

279 (1)



Subject: Text Box
Page Index: 279
Date: 6/7/2021 4:31:16 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 279

(Water Quality only)

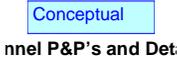
282 (1)



Subject: Text Box
Page Index: 282
Date: 6/8/2021 10:45:06 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 282

(Water Quality only)

390 (1)

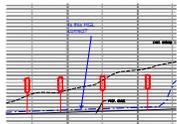


nnel P&P's and Det

Subject: Text Box
Page Index: 390
Date: 6/9/2021 9:27:26 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 390

Conceptual

391 (4)

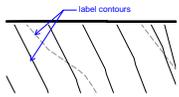


Subject: Callout
Page Index: 391
Date: 6/9/2021 9:27:06 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 391

Is this HGL correct?

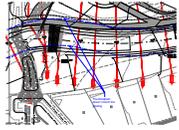


Subject:
Page Index: 391
Date: 6/9/2021 9:27:58 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 391



Subject: Callout
Page Index: 391
Date: 6/9/2021 9:30:11 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 391

label contours



Subject: Callout
Page Index: 391
Date: 6/9/2021 9:35:58 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 391

The floodplain doesn't match the grading

394 (1)



Subject: Text Box
Page Index: 394
Date: 6/9/2021 9:40:25 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 394

Replace the DBPS Conceptual Plan Sheets that were in the previous version.

401 (6)

18.2	93.7
9.1	63.4
246.5	1103.3
260.7	1168.7

Subject:
Page Index: 401
Date: 6/8/2021 9:59:40 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 401

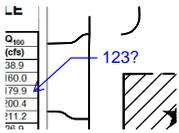
38.9	160.0	179.9	200.4	211.2
------	-------	-------	-------	-------

Subject: Callout
Page Index: 401
Date: 6/9/2021 9:57:41 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 401

880 or 1040 cfs pre-Bent Grass development?

38.9	160.0	179.9	200.4	211.2
------	-------	-------	-------	-------

Subject:
Page Index: 401
Date: 6/8/2021 10:02:04 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 401



Subject: Callout
Page Index: 401
Date: 6/8/2021 10:02:19 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 401

123?

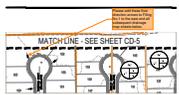
179.9
200.4
211.2
26.9

Subject:
Page Index: 401
Date: 6/8/2021 10:02:35 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 401

179.9
200.4
211.2
26.9
8.2

Subject:
Page Index: 401
Date: 6/8/2021 10:03:08 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 401

403 (9)



Subject: Contractor
Page Index: 403
Date: 6/7/2021 3:54:38 PM
Author: EPC Stormwater - Glenn Reese
Color: ■
Layer:
Space:
Page Label: 403

Please add these flow direction arrows to Filing No.1 to the east and all subsequent drainage map sheets below.

DESIGN POINT SUMMARY TABLE

Design Point	Q ₁₀₀	Q ₁₀₀	Q ₁₀₀
10	277.8	152.8	
2	2.1	11.8	

Subject: Callout
Page Index: 403
Date: 6/8/2021 10:24:40 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 403

use model value (1040?)

Q ₁₀₀
(cfs)
1226.8
8.6
11.0

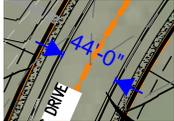
Subject:
Page Index: 403
Date: 6/8/2021 10:24:13 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 403



Provide DPs for the inlets

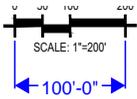
Subject: Callout
Page Index: 407
Date: 5/21/2021 11:26:16 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 407

Provide DPs for the inlets



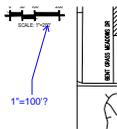
Subject: Length Measurement
Page Index: 407
Date: 5/21/2021 11:34:48 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 407

44'-0"



Subject: Length Measurement
Page Index: 407
Date: 5/21/2021 11:36:46 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 407

100'-0"



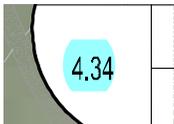
Subject: Callout
Page Index: 407
Date: 5/21/2021 11:35:37 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 407

1"=100'?



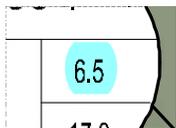
Subject: Area Measurement
Page Index: 407
Date: 5/21/2021 11:38:45 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 407

3.65 ac

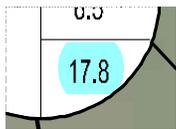


Subject:
Page Index: 407
Date: 5/21/2021 11:40:25 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 407

4.3



Subject: 6.5
Page Index: 407
Date: 5/21/2021 11:40:31 AM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 407



Subject: 17.8
Page Index: 407
Date: 5/21/2021 11:40:34 AM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 407



Subject: Contractor
Page Index: 407
Date: 6/7/2021 3:56:11 PM
Author: EPC Stormwater - Glenn Reese
Color: 
Layer:
Space:
Page Label: 407

Please add a thick/visible linetype (or shading/hatching) for delineating areas tributary to each pond, so it is visually very clear where all runoff is conveyed to (onsite and offsite WQ/detention facilities). And label what each area represents. Also delineate areas that will not be captured by a pond (not to exceed 1ac) and/or areas utilizing runoff reduction.

Typical comment for all of the "FD" drawings.



Subject: Arrow
Page Index: 407
Date: 6/9/2021 10:33:58 AM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 407



Subject: Cloud+
Page Index: 407
Date: 6/9/2021 10:35:32 AM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 407

Correct the values

408 (9)



Subject: Callout
Page Index: 408
Date: 6/8/2021 8:45:46 AM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 408

Label RWT210

3	10.0	21.8
4	1.2	4.5
5	53.8	173.9
A	1.1	45.8
5	268.2	1183.4
7	2.1	63.5
1	5.8	67.4
2	6.5	64.8
A	4.9	34.5

Subject:
Page Index: 408
Date: 6/8/2021 8:45:15 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 408

Subject: Callout
Page Index: 408
Date: 6/8/2021 10:41:06 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 408

doesn't match HMS sheet (1113)

ign	Q ₁₀	Q ₁₀₀
int	(cfs)	(cfs)
7	278.1	1227.8
1	3.1	8.6
1	4.3	11.9
1	5.9	15.9
1	8.3	22.3

Subject:
Page Index: 408
Date: 6/8/2021 10:32:26 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 408

Subject: Callout
Page Index: 408
Date: 6/8/2021 10:33:17 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 408

use model values for SCS calculations

0	7.8
8	12.4
6	915.3
5	6.1
9	7.0

Subject:
Page Index: 408
Date: 6/8/2021 10:33:46 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 408

3	40.9
0	850.0
5	909.3
0	7.8
8	12.4
0	815.0

Subject:
Page Index: 408
Date: 6/8/2021 10:33:47 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 408

	37.0
3	1188.7
5	1186.4
6	39.4
7	22.8

Subject:
Page Index: 408
Date: 6/8/2021 10:33:52 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 408

10	19.3	43.5
0A	6.0	21.9
15	37.5	90.8
5A	12.2	37.0
4A	270.3	1188.7
1B	209.5	1186.4
16	16.6	39.4
17	10.6	26.8
18	13.5	39.2

Subject:
Page Index: 408
Date: 6/8/2021 10:33:57 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 408

411 (3)



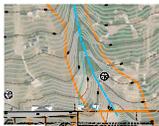
Subject: Text Box
Page Index: 411
Date: 6/9/2021 10:30:35 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 411

(Tables on all sheets will be checked with next review)



Subject: Callout
Page Index: 411
Date: 6/9/2021 10:32:22 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 411

Flow path doesn't match contours
Label the previous and current paths and add a description why they are different



Subject:
Page Index: 411
Date: 6/9/2021 10:31:31 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 411