


MDT-PUDSP21010-R2-PDR.pdf Markup Summary

5 (1)


with analysis of existing facility conditions as it pertains to the extent of development
to the facility conditions. The existing site plan for the facility is Appendix A (continued)
6.12 FAC. Ch. 22.24. Ch. 198.1 (b) Located on the southeast portion of the site,
the proposed facility shall meet the minimum standards for the construction
and shall not be less than 20' from the property line.
There should be at least 7 onsite and
offsite existing basins - break these
up as appropriate. See Existing
Condition plan redlines.

Subject: Callout
Page Index: 5
Date: 1/21/2022 8:57:11 AM
Author: dsdrice
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There should be at least 7 onsite and offsite existing basins - break these up as appropriate. See Existing Condition plan redlines.


6 (3)

E.
MST?
accommodate developed flows while
in erosion in the drainage ways. Er
g channel to prevent scouring of the
nd design for the MS is to be compl
submitted for review separately.

Subject: Callout
Page Index: 6
Date: 1/21/2022 8:58:53 AM
Author: dsdrice
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MST?

to channels to accommodate c
ment loading from erosion in the
ftfall points to the channel to pre
annel [analysis and design](#) for th
vements will be submitted for r
Capture Volume (WQCV)

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Date: 1/21/2022 8:59:30 AM
Author: dsdrice
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analysis and design


accommodate developed flows while protecting
in erosion in the drainage ways. Erosion protection
channel to prevent scouring of the channel from
to design for the MS is to be completed by others
submitted for review separately.
not received
Volume (WQCV)
volume to show the release of runoff from the site.
the WQCV will release in no less than 48 hours. Ch.
will provide water quality treatment for all of the
if into either of the major drainage ways. Refer to

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not received


7 (7)

Provide
sub-basins
200 = 4280 cfs) and are routed under Eastonville R
4' CMP that conveys runoff under Eastonville Road
th of the proposed Run Road alignment that directs
T, and a 20' x 27' ECMP that diverts runoff beneath
ped runoff associated with Eastonville Road will be
run detention facilities on either side of the Main St

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Author: dsdrice
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Provide sub-basins

s.
), Ponds A, B, C, D, & E,
Channel.
[Add others?](#)
single family residential.
lots, public roadways,

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Add others?



Subject: Callout
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Date: 1/21/2022 9:59:20 AM
Author: dsdrice
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Provide road names



Subject: Callout
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Date: 1/21/2022 10:02:07 AM
Author: dsdrice
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Delete this sentence. Future development is not the same as permanent parks or open space.



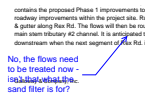
Subject:
Page Index: 7
Date: 1/21/2022 10:02:19 AM
Author: dsdrice
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Per the developed conditions map, this area is excluded from water quality and detention per ECM App 1.7.1.B.7.



Subject:
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Author: dsdrice
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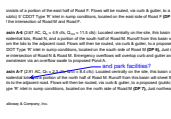
e directly into main stem tributary #2 channel. It is anticipated that these flows will be captured and treated further downstream when the next segment of Rex Rd. is constructed.



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Page Index: 7
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Author: dsdrice
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No, the flows need to be treated now - isn't that what the sand filter is for?

8 (1)



Subject: Callout
Page Index: 8
Date: 1/21/2022 2:28:09 PM
Author: dsdrice
Color: ■
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Page Label: 8

and park facilities?

31 AC, Q₅ = 1.9 cfs, Q₁₀₀ = 13.4 cfs: Loc-
fain Stem Tributary #2 drainageway. This
e proposed (private) Full Spectrum Deten
the northwest corner of Pond A. Flows will
de channel, where it will eventually discha

Subject: Callout
Page Index: 9
Date: 1/21/2022 2:22:01 PM
Author: dsdrice
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at DP7a

the site, adjacent to
of an open area
s basin will sheet
: structure (DP 8). v

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Page Index: 9
Date: 1/21/2022 2:27:12 PM
Author: dsdrice
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open area

Full site development, including public and proposed (public) CDOT Type 'R'
Road F, northeast of Road K. Bypass flows are o
DP11 then to
DP 12b?

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Author: dsdrice
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Page Label: 9

and amenity center (account for runoff)

31 AC, Q₅ = 1.9 cfs, Q₁₀₀ = 13.4 cfs: Loc-
fain Stem Tributary #2 drainageway. This
e proposed (private) Full Spectrum Deten
the northwest corner of Pond A. Flows will
de channel, where it will eventually discha

Subject:
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Author: dsdrice
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Q5 = 1.9 cfs, Q100 = 13.4 cf

gutter, to a proposed (public) 15' CDOT Type 'R'
Road F, northeast of Road K. Bypass flows are o
DP11 then to
DP 12b?

Subject: Callout
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Date: 1/21/2022 2:36:20 PM
Author: dsdrice
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DP11 then to DP 12b?

tion of Road F
s will overtop th
Point DP 13.

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Page Index: 9
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t DP 13.

at the end of the
routed downstr
Point DP 13.

Subject:
Page Index: 9
Date: 1/21/2022 2:37:01 PM
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t DP 13.


and the southwest portion of Road J. Runo
adway. Flows will then be routed, via curb &
sump conditions, located at the end of the
top curb and gutter and be routed downst
to curb & gutter to Design Point DP 13.
10b?

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Page Index: 9
Date: 1/21/2022 2:37:30 PM
Author: dsdrice
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Page Label: 9

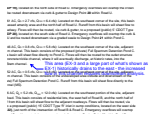
10b?


12 (3)



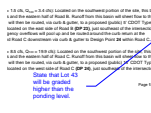
Subject: Callout
Page Index: 12
Date: 1/21/2022 3:48:32 PM
Author: dsdrice
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Page Label: 12


The swale is 3 lots away from the low point. State that grading along the south side of the road will be elevated above the road to the beginning of the swale and that the lots in this area require the homes to be a foot above the calculated water surface at DP20 in the FDR. Or provide a swale from the low point to the pond.



Subject: Callout
Page Index: 12
Date: 1/21/2022 3:55:07 PM
Author: dsdrice
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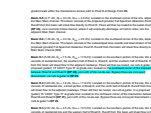
This area (EX-3 and a large part of what's shown as EX-1) historically drains to the east - the increased flow in this channel requires downstream analysis.




Subject: Callout
Page Index: 12
Date: 1/21/2022 3:58:52 PM
Author: dsdrice
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State that Lot 43 will be graded higher than the ponding level.


13 (3)



Subject:
Page Index: 13
Date: 1/21/2022 4:07:19 PM
Author: dsdrice
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Space:
Page Label: 13


the southwest corner of the intersection between Road B and Road D (DP 28), just north of the cul-de-sac. Bypass flows are conveyed downstream via curb & gutter to DP 29.

to the adjacent ro
NOT Type 'R' at-g
oad D (DP 27), ju
o DP 29.

Subject:
Page Index: 13
Date: 1/21/2022 4:08:12 PM
Author: dsdrice
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Page Label: 13

D (DP 27)




Subject: Callout
Page Index: 13
Date: 1/21/2022 4:11:05 PM
Author: dsdrice
Color: 
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Page Label: 13

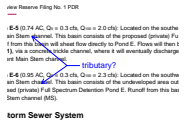
Is there aswale in Tract O to convey backyard flows to Road E?


14 (4)

uthwest co
a outside ai

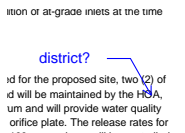
Subject:
Page Index: 14
Date: 1/22/2022 2:50:58 PM
Author: dsdrice
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Page Label: 14


west



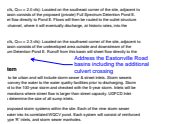
Subject: Callout
Page Index: 14
Date: 1/22/2022 2:51:39 PM
Author: dsdrice
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Page Label: 14


tributary?



Subject: Callout
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Date: 1/22/2022 2:54:47 PM
Author: dsdrice
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Page Label: 14

district?



Subject: Callout
Page Index: 14
Date: 1/22/2022 4:22:38 PM
Author: dsdrice
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Page Label: 14

Address the Eastonville Road basins including the additional culvert crossing

the Main Stem channel. The required volume WQCV are
respectively. The total required detention basin volume is

[Address how the spillways will cross the trails.](#)

Subject: Text Box

Page Index: 15

Date: 1/22/2022 2:55:08 PM

Author: dsdrice

Color: 

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Page Label: 15

Address how the spillways will cross the trails.

the Main Stem channel. The required volume WQCV are
respectively. The total required detention basin volume is

Pond E: Located on the south side of the site, just west of
discharge into the Main Stem channel. The required volume
is P₁, respectively. The total required detention basin volume is

[Address the other 4 ponds](#)

Subject: Text Box

Page Index: 15

Date: 1/22/2022 2:55:29 PM

Author: dsdrice

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Page Label: 15

Address the other 4 ponds

are two major drainage ways that run through the site
ation of the report, both the Main Stem channel (MS)
through the site. There are no proposed major drain
to be rerouted. As part of this rerouting of MST, cells
from the proposed Rex Road extension and be conve
analysis for both drainage ways, offsite upstream tr
ers are **not a separate report will be submitted** for review

facilities beyond the scope of this project. This c
spectrum detention facilities and release at historic l
to downstream facilities.

Subject:

Page Index: 16

Date: 1/21/2022 3:36:22 PM

Author: dsdrice

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Page Label: 16

a separate report will be submitted

not received?

rs that run through the site. As was discussed
e Main Stem channel (MS) and Main Stem
is a proposed major channel improvements for
this rerouting of MST, offsite upstream tributary
and extension **will be conveyed** via culvert to
to ways. **offsite upstream tributary capture, and**
will be submitted for review.

Subject: Callout

Page Index: 16

Date: 1/22/2022 4:23:30 PM

Author: dsdrice

Color: 

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Page Label: 16

not received?

to the main stem, there are main stems or storm lines in main stems
with the site. There are no proposed major channel improvements for
to be rerouted. As part of this rerouting of MST, offsite upstream tributary
in the proposed Rex Road extension and be conveyed via culvert to
to ways. **offsite upstream tributary capture, and**
and a separate report will be submitted for review.

offsite is **beyond the scope of this project.** This development will
run detention facilities and release at historic levels. Therefore,
downstream facilities **required per ECM 3.2.4**

to the Board of County Commissioners acceptance, it is
to the public Right-of-Way are to be owned and maintained by ECI

owned and maintained by the Grasshopper Reserve Metropolitan

Subject: Callout

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Date: 1/22/2022 4:14:45 PM

Author: dsdrice

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required per ECM 3.2.4

rerouted. As part of this rerouting of MST, offsite
the proposed Rex Road extension and be conve
lysis for both drainage ways, offsite upstream tr
and a separate report will be submitted for review

ilities is **beyond the scope of this project.** This c
run detention facilities and release at historic l
upstream facilities.

Subject:

Page Index: 16

Date: 1/22/2022 4:15:01 PM

Author: dsdrice

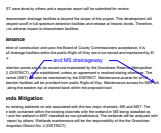
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beyond the scope of this project



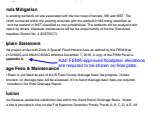
Subject: Callout
Page Index: 16
Date: 1/22/2022 4:16:07 PM
Author: dsdrice
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and MS drainageway



Subject: Callout
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Date: 1/22/2022 4:17:19 PM
Author: dsdrice
Color: ■
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Page Label: 16

Provide report title and date



Subject: Callout
Page Index: 16
Date: 1/22/2022 4:18:43 PM
Author: dsdrice
Color: ■
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Page Label: 16

Add: FEMA-approved floodplain elevations are required to be shown on final plats.



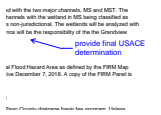
Subject: Callout
Page Index: 16
Date: 1/22/2022 4:19:27 PM
Author: dsdrice
Color: ■
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Page Label: 16

Add the other four if listing them



Subject: Text Box
Page Index: 16
Date: 1/22/2022 4:23:34 PM
Author: dsdrice
Color: ■
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Page Label: 16

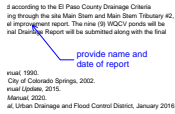
Provide discussion and analysis of existing and proposed downstream drainage facilities and their ability to convey developed runoff from the proposed development.



Subject: Callout
Page Index: 16
Date: 1/22/2022 4:24:23 PM
Author: dsdrice
Color: ■
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provide final USACE determination

17 (2)



Subject: Callout
Page Index: 17
Date: 1/22/2022 4:19:58 PM
Author: dsdrice
Color: ■
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Page Label: 17

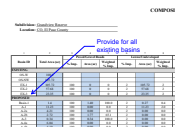
provide name and date of report



Subject: Callout
Page Index: 17
Date: 1/22/2022 4:20:12 PM
Author: dsdrice
Color: ■
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GVR Metro District

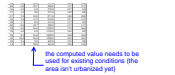
37 (1)



Subject: Callout
Page Index: 37
Date: 1/22/2022 4:29:20 PM
Author: dsdrice
Color: ■
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Page Label: 37

Provide for all existing basins

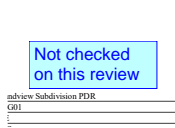
39 (1)



Subject: Callout
Page Index: 39
Date: 1/22/2022 4:35:03 PM
Author: dsdrice
Color: ■
Layer:
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Page Label: 39

the computed value needs to be used for existing conditions (the area isn't urbanized yet)

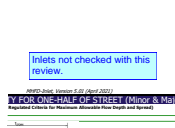
40 (1)



Subject: Text Box
Page Index: 40
Date: 1/22/2022 4:35:40 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 40

Not checked on this review

45 (1)



Subject: Text Box
Page Index: 45
Date: 1/22/2022 4:36:01 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 45

Inlets not checked with this review.

120 (1)

Provide box culvert and channel calculations in this report or separate report as an appendix.

APPENDIX E
Quality Computations

Subject: Text Box
Page Index: 120
Date: 1/22/2022 4:37:42 PM
Author: dsdrice
Color: ■
Layer:
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Page Label: 120

Provide box culvert and channel calculations in this report or separate report as an appendix.

121 (1)

Not checked with this review - provide the additional 4 ponds also

Subject: Text Box
Page Index: 121
Date: 1/22/2022 4:39:02 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 121

Not checked with this review - provide the additional 4 ponds also

130 (1)

Pond calculations not checked in detail this review

Subject: Text Box
Page Index: 130
Date: 1/22/2022 4:52:09 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 130

Pond calculations not checked in detail this review

132 (3)

0.2	0.1	0.0
0.5	0.4	0.3
1.0	0.8	0.6
1.5	1.2	0.9
2.0	1.6	1.2
2.5	2.0	1.5
3.0	2.4	1.8
3.5	2.8	2.1
4.0	3.2	2.4
4.5	3.6	2.7
5.0	4.0	3.0
5.5	4.4	3.3
6.0	4.8	3.6
6.5	5.2	3.9
7.0	5.6	4.2
7.5	6.0	4.5
8.0	6.4	4.8
8.5	6.8	5.1
9.0	7.2	5.4
9.5	7.6	5.7
10.0	8.0	6.0

These need to be 1 or less

Subject: Callout
Page Index: 132
Date: 1/22/2022 4:41:07 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 132

These need to be 1 or less

0.2	0.1	0.0
0.5	0.4	0.3
1.0	0.8	0.6
1.5	1.2	0.9
2.0	1.6	1.2
2.5	2.0	1.5
3.0	2.4	1.8
3.5	2.8	2.1
4.0	3.2	2.4
4.5	3.6	2.7
5.0	4.0	3.0
5.5	4.4	3.3
6.0	4.8	3.6
6.5	5.2	3.9
7.0	5.6	4.2
7.5	6.0	4.5
8.0	6.4	4.8
8.5	6.8	5.1
9.0	7.2	5.4
9.5	7.6	5.7
10.0	8.0	6.0

Subject:
Page Index: 132
Date: 1/22/2022 4:42:22 PM
Author: dsdrice
Color: ■
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Page Label: 132

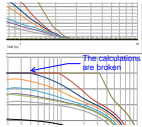
1.18 1.18 1.18

N/A
72
79

Subject:
Page Index: 132
Date: 1/22/2022 4:42:29 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 132

72

133 (1)



Subject: Callout
Page Index: 133
Date: 1/22/2022 4:41:59 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 133

The calculations are broken

137 (1)

0.01	0.02
34.6	40.7
0.8	0.9
2.1	1.7
Vertical Orifice 1	Vertical Orifice 1
N/A	N/A
N/A	N/A
72	77

Subject:
Page Index: 137
Date: 1/22/2022 4:42:51 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 137

2.1 1.7

142 (2)

0.01	0.02
47.5	56.1
1.3	1.5
2.3	1.8
Vertical Orifice 1	Vertical Orifice 1
N/A	N/A
N/A	N/A
58	62

Subject:
Page Index: 142
Date: 1/22/2022 4:43:21 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 142

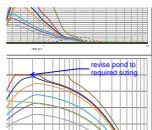
2.3 1.8

N/A	N/A
63	59
75	75
5.00	5.00
1.22	1.22
4.845	4.845

Subject:
Page Index: 142
Date: 1/22/2022 4:43:53 PM
Author: dsdrice
Color: ■
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Space:
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1.22 1.22

143 (1)



Subject: Callout
Page Index: 143
Date: 1/22/2022 4:44:17 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 143

revise pond to required sizing

147 (2)

0.3
1.4
Vertical Orifice

Subject:
Page Index: 147
Date: 1/22/2022 4:44:46 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 147

1.4

N/A
72
79

Subject:
Page Index: 147
Date: 1/22/2022 4:44:49 PM
Author: dsdrice
Color: ■
Layer:
Space:
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72

152 (3)

12.7
1.1
Spillway

Subject:
Page Index: 152
Date: 1/22/2022 4:45:26 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 152

1.1

0.3
1.3
Vertical Orifice

Subject:
Page Index: 152
Date: 1/22/2022 4:45:28 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 152

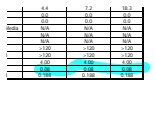
1.3



Subject: Callout
Page Index: 152
Date: 1/22/2022 4:46:50 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 152

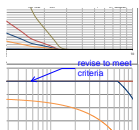
Revise sizing to reduce these to 1 or less

157 (1)



Subject:
Page Index: 157
Date: 1/22/2022 4:49:10 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 157

158 (1)



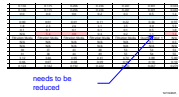
Subject: Callout
Page Index: 158
Date: 1/22/2022 4:48:48 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 158

revise to meet criteria

0.5
1.1
verflow Weir

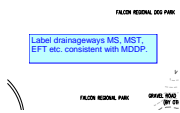
Subject:
Page Index: 162
Date: 1/22/2022 4:50:45 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 162

1.1



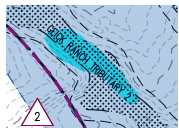
Subject: Callout
Page Index: 162
Date: 1/22/2022 4:51:02 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 162

needs to be reduced

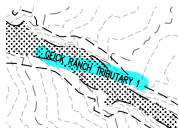


Subject: Text Box
Page Index: 166
Date: 1/21/2022 8:31:34 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 166

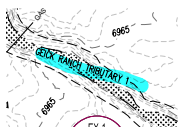
Label drainageways MS, MST, EFT etc. consistent with MDDP.



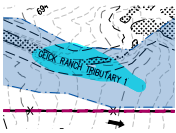
Subject:
Page Index: 166
Date: 1/21/2022 8:32:25 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 166




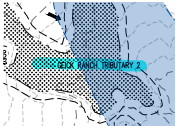
Subject:
Page Index: 166
Date: 1/21/2022 8:32:42 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 166




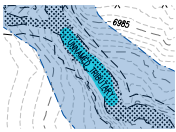
Subject:
Page Index: 166
Date: 1/21/2022 8:32:50 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 166




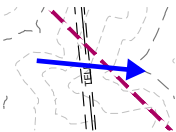
Subject:
Page Index: 166
Date: 1/21/2022 8:32:59 AM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 166




Subject:
Page Index: 166
Date: 1/21/2022 8:33:06 AM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 166




Subject:
Page Index: 166
Date: 1/21/2022 8:33:25 AM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 166




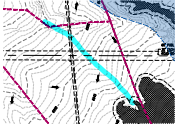
Subject: Arrow
Page Index: 166
Date: 1/21/2022 8:35:06 AM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 166




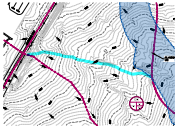
Subject:
Page Index: 166
Date: 1/21/2022 8:36:03 AM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 166




Subject:
Page Index: 166
Date: 1/21/2022 8:45:11 AM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 166




Subject:
 Page Index: 166
 Date: 1/21/2022 8:45:32 AM
 Author: dsdrice
 Color: 
 Layer:
 Space:
 Page Label: 166




Subject:
 Page Index: 166
 Date: 1/21/2022 8:46:33 AM
 Author: dsdrice
 Color: 
 Layer:
 Space:
 Page Label: 166

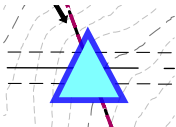



Subject:
 Page Index: 166
 Date: 1/21/2022 8:47:28 AM
 Author: dsdrice
 Color: 
 Layer:
 Space:
 Page Label: 166



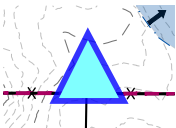
Subject: Polygon
 Page Index: 166
 Date: 1/21/2022 8:50:03 AM
 Author: dsdrice
 Color: 
 Layer:
 Space:
 Page Label: 166


Add DP



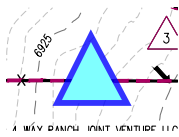
Subject: Polygon
 Page Index: 166
 Date: 1/21/2022 8:50:14 AM
 Author: dsdrice
 Color: 
 Layer:
 Space:
 Page Label: 166

Add DP



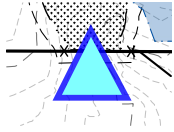
Subject: Polygon
 Page Index: 166
 Date: 1/21/2022 8:50:39 AM
 Author: dsdrice
 Color: 
 Layer:
 Space:
 Page Label: 166

Add DP



Subject: Polygon
Page Index: 166
Date: 1/21/2022 8:57:32 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 166

Add DP



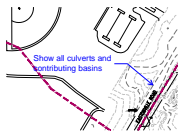
Subject: Polygon
Page Index: 166
Date: 1/21/2022 8:51:31 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 166

Add DP



Subject: Text Box
Page Index: 166
Date: 1/21/2022 8:53:37 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 166

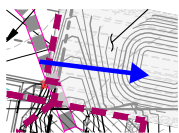
Add sub-basins and design points to address each affected location where flows exit the site as shown.



Subject: Callout
Page Index: 166
Date: 1/21/2022 8:54:50 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 166

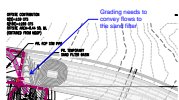
Show all culverts and contributing basins

167 (13)



Subject: Arrow
Page Index: 167
Date: 1/21/2022 8:20:15 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 167

Grading needs to convey flows to the sand filter



Subject: Callout
Page Index: 167
Date: 1/21/2022 8:20:46 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 167



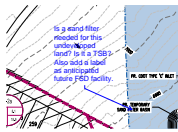
Subject: Callout
Page Index: 167
Date: 1/21/2022 8:25:15 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 167

Specify where the flow will go and quantities



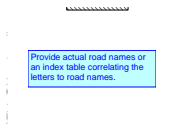
Subject: Callout
Page Index: 167
Date: 1/21/2022 9:52:23 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 167

Show sub-basins for developed Eastonville Road



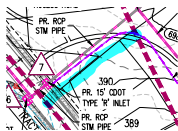
Subject: Callout
Page Index: 167
Date: 1/21/2022 10:04:40 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 167

Is a sand filter needed for this undeveloped land?
Is it a TSB? Also add a label as anticipated future FSD facility.



Subject: Text Box
Page Index: 167
Date: 1/21/2022 10:23:20 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 167

Provide actual road names or an index table correlating the letters to road names.

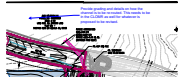


Subject:
Page Index: 167
Date: 1/21/2022 2:25:53 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 167

There should be a basin line here with the swale to keep flows from entering the lots

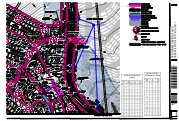


Subject: Callout
Page Index: 167
Date: 1/21/2022 2:26:35 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 167



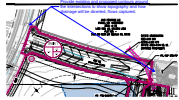
Subject: Callout
Page Index: 167
Date: 1/22/2022 5:25:48 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 167

Provide grading and details on how the channel is to be re-routed. This needs to be in the CLOMR as well for whatever is proposed to be revised.



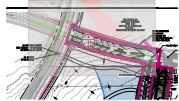
Subject: Callout
Page Index: 167
Date: 1/22/2022 2:41:35 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 167

Do you want this grading in the future lots?



Subject: Callout
Page Index: 167
Date: 1/22/2022 5:25:51 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 167

Provide existing and proposed contours around the intersections to show topography and how drainage will be diverted, flows captured.



Subject: Image
Page Index: 167
Date: 1/22/2022 5:26:51 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 167

Revise trail



Subject: Callout
Page Index: 167
Date: 1/22/2022 5:30:51 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 167



Subject: Callout
Page Index: 168
Date: 1/21/2022 8:17:55 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 168

I wouldn't show this public road on the proposed condition plans if it will be extinguished by the final plat.



Subject: Callout
Page Index: 168
Date: 1/21/2022 10:19:53 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 168

If this will also be used for maintenance access label as such, or provide separate maintenance access roads.



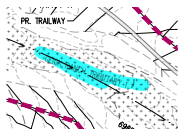
Subject:
Page Index: 168
Date: 1/21/2022 10:20:29 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 168



Subject:
Page Index: 168
Date: 1/21/2022 10:20:36 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 168



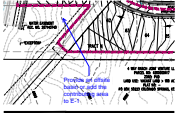
Subject:
Page Index: 168
Date: 1/21/2022 10:20:58 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 168



Subject:
Page Index: 168
Date: 1/21/2022 10:21:10 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 168

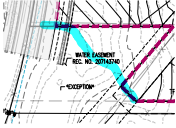


Subject:
Page Index: 168
Date: 1/21/2022 3:29:28 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 168



Subject: Callout
Page Index: 168
Date: 1/21/2022 4:03:30 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 168

Provide an offsite basin or add the contributing area to E-1

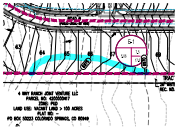


Subject:
Page Index: 168
Date: 1/21/2022 4:04:06 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 168



Subject: Callout
Page Index: 168
Date: 1/21/2022 4:05:16 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 168

Show the water quality facilities for Eastonville Road.



Subject:
Page Index: 168
Date: 1/21/2022 4:11:33 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 168



Subject: Callout
Page Index: 168
Date: 1/21/2022 4:13:37 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 168

Basin lines don't match contours



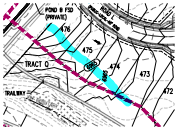
Subject:
Page Index: 168
Date: 1/21/2022 4:12:36 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 168



Subject:
 Page Index: 168
 Date: 1/21/2022 4:12:53 PM
 Author: dsdrice
 Color: ■
 Layer:
 Space:
 Page Label: 168



Subject:
 Page Index: 168
 Date: 1/21/2022 4:13:26 PM
 Author: dsdrice
 Color: ■
 Layer:
 Space:
 Page Label: 168



Subject:
 Page Index: 168
 Date: 1/21/2022 4:14:33 PM
 Author: dsdrice
 Color: ■
 Layer:
 Space:
 Page Label: 168

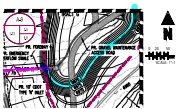


Subject:
 Page Index: 168
 Date: 1/21/2022 4:15:20 PM
 Author: dsdrice
 Color: ■
 Layer:
 Space:
 Page Label: 168

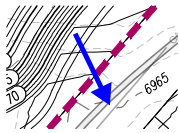


Subject: Callout
 Page Index: 168
 Date: 1/21/2022 4:16:23 PM
 Author: dsdrice
 Color: ■
 Layer:
 Space:
 Page Label: 168

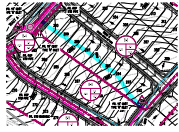
Where does flow go from here?



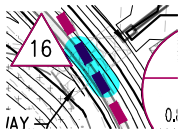
Subject:
 Page Index: 168
 Date: 1/21/2022 4:16:54 PM
 Author: dsdrice
 Color: ■
 Layer:
 Space:
 Page Label: 168



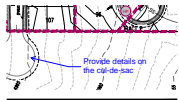
Subject: Arrow
Page Index: 168
Date: 1/21/2022 4:17:04 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 168



Subject:
Page Index: 168
Date: 1/21/2022 4:17:56 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 168



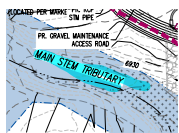
Subject:
Page Index: 168
Date: 1/22/2022 5:34:18 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 168



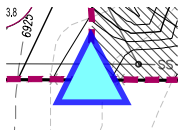
Subject: Callout
Page Index: 168
Date: 1/22/2022 5:36:42 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 168

Provide details on the cul-de-sac

169 (22)

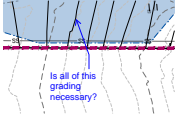


Subject:
Page Index: 169
Date: 1/21/2022 10:21:50 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 169



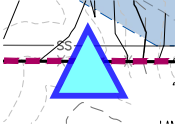
Subject: Polygon
Page Index: 169
Date: 1/21/2022 10:24:31 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 169

Add DP



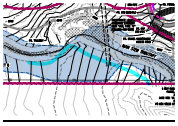
Subject: Callout
Page Index: 169
Date: 1/21/2022 10:25:26 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 169

Is all of this grading necessary?

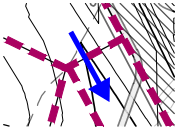


Subject: Polygon
Page Index: 169
Date: 1/21/2022 10:25:51 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 169

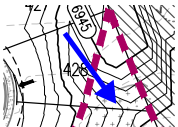
Add DP



Subject:
Page Index: 169
Date: 1/21/2022 10:26:26 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 169



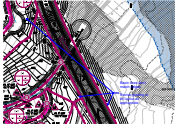
Subject: Arrow
Page Index: 169
Date: 1/21/2022 10:27:38 AM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 169



Subject: Arrow
Page Index: 169
Date: 1/21/2022 3:21:13 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 169

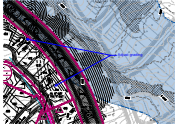


Subject:
Page Index: 169
Date: 1/21/2022 3:22:26 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 169



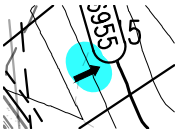
Subject: Callout
Page Index: 169
Date: 1/22/2022 2:43:38 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 169

Basin lines don't match ridges.
 Revise grading or lot layout as appropriate.

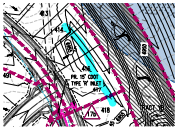


Subject: Callout
Page Index: 169
Date: 1/21/2022 3:27:58 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 169

Adjust grading



Subject:
Page Index: 169
Date: 1/21/2022 3:26:58 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 169



Subject:
Page Index: 169
Date: 1/21/2022 3:27:03 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 169

(Tables weren't checked with this review)

RUNOFF SUMMARY TABLE				RUNOFF SUMMARY TABLE			
Basin	Area	Q ₁₀	Q ₅	Basin	Area	Q ₁₀	Q ₅

Subject: Text Box
Page Index: 169
Date: 1/21/2022 3:40:58 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 169

(Tables weren't checked with this review)



Subject: Callout
Page Index: 169
Date: 1/21/2022 4:20:30 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 169

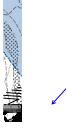
Grading detail is needed in this basin



Label offsite easements to be obtained

Subject: Callout
Page Index: 169
Date: 1/22/2022 2:45:05 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 169

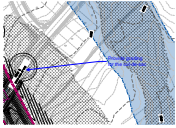
Label offsite easements to be obtained



Show all of the necessary improvements

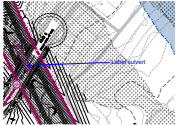
Subject: Callout
Page Index: 169
Date: 1/22/2022 2:45:30 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 169

Show all of the necessary improvements



Subject: Callout
Page Index: 169
Date: 1/22/2022 2:49:31 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 169

Provide grading for the cul-de-sac



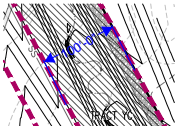
Subject: Callout
Page Index: 169
Date: 1/22/2022 5:38:16 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 169

Label culvert



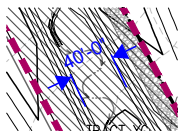
Subject: Callout
Page Index: 169
Date: 1/22/2022 5:39:36 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 169

adjust labels



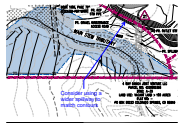
Subject: Length Measurement
Page Index: 169
Date: 1/22/2022 5:40:47 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 169

100'-0"



Subject: Length Measurement
Page Index: 169
Date: 1/22/2022 5:40:47 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 169

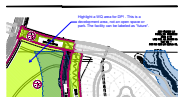
40'-0"



Subject: Callout
Page Index: 169
Date: 1/22/2022 5:41:30 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 169

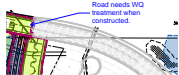
Consider using a wider spillway to match contours

170 (8)



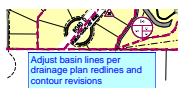
Subject: Callout
Page Index: 170
Date: 1/22/2022 2:46:22 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 170

Highlight a WQ area for DP1. This is a development area, not an open space or park. The facility can be labeled as "future".



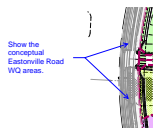
Subject: Callout
Page Index: 170
Date: 1/22/2022 5:00:27 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 170

Road needs WQ treatment when constructed.



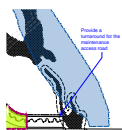
Subject: Text Box
Page Index: 170
Date: 1/21/2022 4:21:45 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 170

Adjust basin lines per drainage plan redlines and contour revisions



Subject: Callout
Page Index: 170
Date: 1/22/2022 2:47:46 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 170

Show the conceptual Eastonville Road WQ areas.

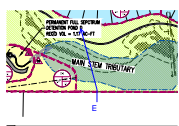


Subject: Callout
Page Index: 170
Date: 1/22/2022 2:48:58 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 170

Provide a turnaround for the maintenance access road

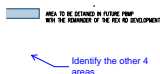
FULL SEPCTRL
POND D
= 1.17 AC-FT

Subject:
Page Index: 170
Date: 1/22/2022 2:53:01 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 170



Subject: Callout
Page Index: 170
Date: 1/22/2022 2:53:15 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 170

E



Subject: Callout
Page Index: 170
Date: 1/22/2022 2:54:17 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 170

Identify the other 4 areas