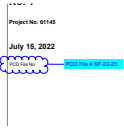


ENG-SF22025-R1-FDR.pdf Markup Summary

1 (3)



Subject: Cloud+
Page Index: 1
Date: 8/30/2022 9:26:03 AM
Author: eschoenheit
Color: ■
Layer:
Space:
Page Label: 1

PCD File # SF-22-25



Subject: Callout
Page Index: 1
Date: 8/30/2022 1:51:37 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 1

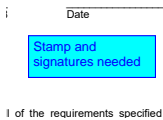
Preliminary Drainage Report is needed also



Subject: Text Box
Page Index: 1
Date: 8/31/2022 12:38:05 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 1

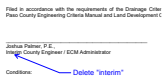
Cursory comments

3 (2)



Subject: Text Box
Page Index: 3
Date: 8/30/2022 9:42:11 AM
Author: eschoenheit
Color: ■
Layer:
Space:
Page Label: 3

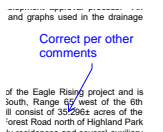
Stamp and signatures needed



Subject: Callout
Page Index: 3
Date: 8/31/2022 1:03:16 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 3

Delete "interim"

6 (1)



Subject: Callout
Page Index: 6
Date: 8/31/2022 1:02:29 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 6

Correct per other comments

7 (1)



Subject: Cloud+
Page Index: 7
Date: 8/30/2022 1:56:25 PM
Author: eschoenheit
Color: ■
Layer:
Space:
Page Label: 7

elevations should be noted on the drainage map.

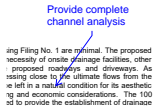
9 (1)



Subject: Cloud+
Page Index: 9
Date: 8/30/2022 10:18:06 AM
Author: eschoenheit
Color: ■
Layer:
Space:
Page Label: 9

Ponds are diversion and reservoir use for Park Forest Water District

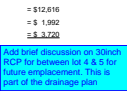
11 (1)



Subject: Callout
Page Index: 11
Date: 8/31/2022 12:43:08 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 11

Provide complete channel analysis

12 (6)



Subject: Text Box
Page Index: 12
Date: 8/30/2022 1:48:24 PM
Author: eschoenheit
Color: ■
Layer:
Space:
Page Label: 12

Add brief discussion on 30inch RCP for between lot 4 & 5 for future emplacement. This is part of the drainage plan



Subject:
Page Index: 12
Date: 8/31/2022 12:41:49 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 12


Rock check dams will be utilized



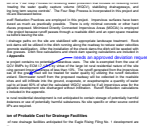
Subject: Callout
Page Index: 12
Date: 8/31/2022 12:42:05 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 12


Show on GEC plan and CDs

ect contains no pote
3MPs by ECM I.7.1.B
ercent Imperviousnes
the gravel road will
l. Stormwater runoff f
and will infiltrate into
at least 60% of what

Subject:
Page Index: 12
Date: 8/31/2022 2:23:43 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 12


gravel road



Subject: Callout
Page Index: 12
Date: 8/31/2022 2:24:00 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 12

needs an approved deviation request


the four best practices is incorporated in this project and
employed in this project. Impervious surfaces have been
minimized. There is only minimal concrete or other hard
surface. Controlled Impervious Areas (ICIA) is employed
uses through a roadside ditch and an open space meadow
not found
is established with appropriate landscape treatment. Rock
ditch covering slope the number of rocks water retention
insulating the ditch allows the ditch will be seeded with
grass and shrubs open vegetation are included in
to hazardous areas. The site is estimated from the use of
by virtue of the large lot rural residential nature of the site
I have been 15%. The runoff generated from the impervious
beaded for water quality by utilizing the runoff reduction

Subject: Callout
Page Index: 12
Date: 8/31/2022 2:48:58 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 12

not found


13 (5)

inage Basin of F
. Fees associate
es of \$1,080 per
e is 11% in acc
Also. reductions

Subject: Highlight
Page Index: 13
Date: 8/30/2022 11:12:04 AM
Author: eschoenheit
Color: 
Layer:
Space:
Page Label: 13


f \$1,080

ood Creek Drainage B
studied in 1994. Fees a
and Bridge Fees of \$1,
Residential site is 11%
L Table 3-1. Also, re
ntv Resolution 99-383.

Subject: Highlight
Page Index: 13
Date: 8/30/2022 11:12:06 AM
Author: eschoenheit
Color: 
Layer:
Space:
Page Label: 13

Bridge Fees o



Subject: Cloud+
Page Index: 13
Date: 8/30/2022 11:44:27 AM
Author: eschoenheit
Color: 
Layer:
Space:
Page Label: 13

Bridge fee is \$1156/IMP acre
Admin error



Subject:
Page Index: 13
Date: 8/31/2022 12:41:07 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 13

With negligible increase in stormwater flows from the site detention will not be necessary for the proposed development and will not be provided.



Subject: Callout
Page Index: 13
Date: 8/31/2022 12:45:10 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 13

this only applies to the drainage fee, not bridge

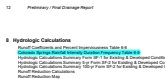
14 (1)



Subject: Text Box
Page Index: 14
Date: 8/30/2022 11:45:32 AM
Author: eschoenheit
Color: ■
Layer:
Space:
Page Label: 14

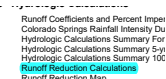
Add reference EPC Engineering Criteria Manual

42 (4)



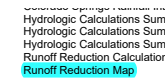
Subject:
Page Index: 42
Date: 8/31/2022 2:22:08 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 42

Colorado Springs Rainfall Intensity Duration Frequency Table 6-5



Subject:
Page Index: 42
Date: 8/31/2022 2:22:26 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 42

Runoff Reduction Calculations



Subject:
Page Index: 42
Date: 8/31/2022 2:22:29 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 42

Runoff Reduction Map



Subject: Callout
Page Index: 42
Date: 8/31/2022 2:23:01 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 42

not found?

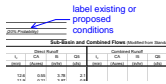
43 (1)



Subject: Callout
Page Index: 43
Date: 8/31/2022 1:09:52 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 43

label existing or proposed conditions

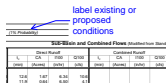
44 (1)



Subject: Callout
Page Index: 44
Date: 8/31/2022 1:10:20 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 44

label existing or proposed conditions

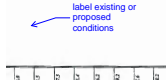
45 (1)



Subject: Callout
Page Index: 45
Date: 8/31/2022 1:10:23 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 45

label existing or proposed conditions

66 (1)



Subject: Callout
Page Index: 66
Date: 8/31/2022 1:11:40 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 66

label existing or proposed conditions

72 (1)




Subject: Callout
Page Index: 72
Date: 8/31/2022 1:12:37 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 72

not found?


73 (2)

= 7149.51
= 1.21
= Inlet Co

Subject: Highlight
Page Index: 73
Date: 8/30/2022 10:59:58 AM
Author: eschoenheit
Color: 
Layer:
Space:
Page Label: 73

1.21


= 0.00
= 6.85
= 7.81

Subject: Highlight
Page Index: 73
Date: 8/30/2022 11:00:35 AM
Author: eschoenheit
Color: 
Layer:
Space:
Page Label: 73

6.85

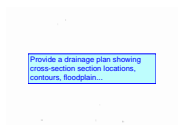
74 (1)




Subject: Cloud+
Page Index: 74
Date: 8/30/2022 11:09:57 AM
Author: eschoenheit
Color: 
Layer:
Space:
Page Label: 74

36 in RCP Not shown on plans
Missing dual 24in pipes along road

75 (1)




Subject: Text Box
Page Index: 75
Date: 8/31/2022 12:57:41 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 75

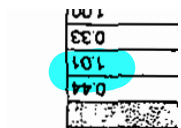
Provide a drainage plan showing cross-section locations, contours, floodplain...


78 (11)



Subject: Text Box
Page Index: 78
Date: 8/31/2022 12:53:48 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 78

Please rotate page



Subject:
Page Index: 78
Date: 8/31/2022 12:54:00 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 78

0.27
0.49
1.00
0.33
1.01

Subject:
Page Index: 78
Date: 8/31/2022 12:54:02 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 78

0.56
0.89
2.91
1.01
0.70
0.28

Subject:
Page Index: 78
Date: 8/31/2022 12:54:10 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 78

0.25
0.21
1.01
0.66
0.34

Subject:
Page Index: 78
Date: 8/31/2022 12:54:15 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 78

0.57
0.42
3.38
1.56
0.91
0.05

Subject:
Page Index: 78
Date: 8/31/2022 12:54:24 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 78

6.52
3.03
7.39
3.64
1.75

Subject:
Page Index: 78
Date: 8/31/2022 12:54:53 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 78

4.23
4.80
15.95
6.75
3.98

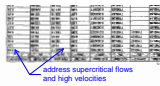
Subject:
Page Index: 78
Date: 8/31/2022 12:54:55 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 78

3.82
3.58
18.08
9.15
6.27

Subject:
Page Index: 78
Date: 8/31/2022 12:55:09 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 78

3.58	78
18.08	13
9.15	26
6.27	19
0.62	24

Subject:
Page Index: 78
Date: 8/31/2022 12:55:10 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 78



Subject: Callout
Page Index: 78
Date: 8/31/2022 12:55:55 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 78

address supercritical flows and high velocities

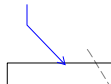
132 (1)



Subject: Highlight
Page Index: 132
Date: 8/31/2022 12:52:38 PM
Author: dsdrice
Color: ■
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Space:
Page Label: 132

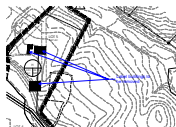
170 (14)

what is this line?



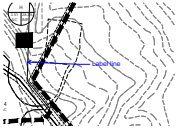
Subject: Callout
Page Index: 170
Date: 8/31/2022 12:27:46 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 170

what is this line?



Subject: Callout
Page Index: 170
Date: 8/31/2022 12:28:06 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 170

Label buildings to be removed



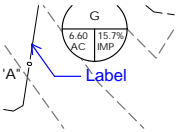
Subject: Callout
Page Index: 170
Date: 8/31/2022 12:28:20 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 170

Label line



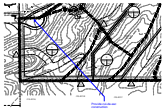
Subject: Callout
Page Index: 170
Date: 8/31/2022 12:29:24 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 170

Label buildings to remain



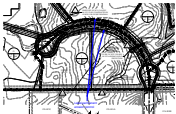
Subject: Callout
Page Index: 170
Date: 8/31/2022 12:29:05 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 170

Label



Subject: Callout
Page Index: 170
Date: 8/31/2022 12:29:58 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 170

Provide cul-de-sac construction



Subject: Callout
Page Index: 170
Date: 8/31/2022 12:30:42 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 170


Label permanent erosion control




Subject: Callout
Page Index: 170
Date: 8/31/2022 12:48:22 PM
Author: dsdrice
Color: ■
Layer:
Space:
Page Label: 170

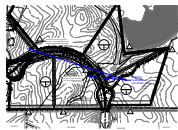
These are not negligible increases over historic.
 Detention needs to be addressed.

23.4	60.8
25.2	68.2
3.7	11.2

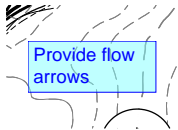
Subject: 25.2 68.2
Page Index: 170
Date: 8/31/2022 12:47:06 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 170



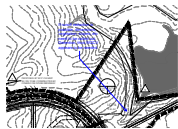
Subject: 14.7
Page Index: 170
Date: 8/31/2022 12:48:16 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 170




Subject: Callout Highlight headwater inundation areas
Page Index: 170
Date: 8/31/2022 1:00:43 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 170



Subject: Text Box Provide flow arrows
Page Index: 170
Date: 8/31/2022 2:27:56 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 170



Subject: Callout
Page Index: 170
Date: 8/31/2022 2:31:39 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 170
If runoff reduction is possible, dimensions, vegetation, slopes, etc need to be called out. Detention, thus WQCV appears to be needed.



Subject: Callout Provide drainageway analysis
Page Index: 170
Date: 8/31/2022 2:31:05 PM
Author: dsdrice
Color: 
Layer:
Space:
Page Label: 170