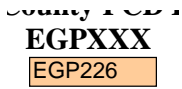


ENG-EGP22006-R1-FDR.pdf Markup Summary

1 (2)



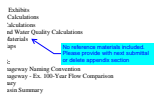
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Page Index: 1
Date: 3/14/2023 3:26:29 PM
Author: dotprete
Color: ■
Layer:
Space:
Page Label: 1

EGP226



Subject: Stormwater Comments Color
Page Index: 1
Date: 3/14/2023 3:26:33 PM
Author: dotprete
Color: ■
Layer:
Space:
Page Label: 1

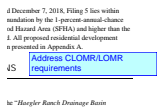
3 (1)



Subject: Callout
Page Index: 3
Date: 3/16/2023 3:59:40 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: 3

No reference materials included. Please provide with next submittal or delete appendix section

5 (1)



Subject: Text Box
Page Index: 5
Date: 3/21/2023 1:03:16 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: 5

Address CLOMR/LOMR requirements

7 (3)



Subject: Callout
Page Index: 7
Date: 3/21/2023 11:24:35 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: 7

Provide description of existing sub-basins and design points

and open existing topography and the limits of the...
flow across adjacent property and (?)

Subject: Callout
Page Index: 7
Date: 3/21/2023 11:27:13 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: 7

flow across adjacent property and (?)

ultimately... State how it will function with EGP construction

Subject: Callout
Page Index: 7
Date: 3/21/2023 11:28:33 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: 7

ultimately... State how it will function with EGP construction

8 (2)

Address how much acreage and flow is diverted and its effect on the drainageway

Subject: Callout
Page Index: 8
Date: 3/21/2023 11:49:29 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: 8

Address how much acreage and flow is diverted and its effect on the drainageway

less than 10%?

Subject: Callout
Page Index: 8
Date: 3/21/2023 11:54:19 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: 8

less than 10%?

11 (1)

for information

Subject: Callout
Page Index: 11
Date: 3/21/2023 12:39:27 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: 11

for information


12 (5)

Saddlehorn Ranch?

Subject: Callout
Page Index: 12
Date: 3/21/2023 12:41:38 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: 12


Saddlehorn Ranch?

ements of tracts w
ural and improved
y of 824 Acre Me
An Inspection & M
ind maintenance

Subject:
Page Index: 12
Date: 3/21/2023 12:41:43 PM
Author: Jeff Rice - EPC Engineering Review
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Page Label: 12

824 Acre


i proposed drama;
so County. All pr
the 824 Acre Me
3-06 with the Fili

Subject:
Page Index: 12
Date: 3/21/2023 12:41:47 PM
Author: Jeff Rice - EPC Engineering Review
Color: 
Layer:
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Page Label: 12

824 Acre


construction of the recommended drainage improvements, in
and drainage channel improvements. The proposed develop
major drainage ways surrounding development. This repo
Criteria requirements for this site and is in accordance with

Delete if not
included with EGP

Subject: Callout
Page Index: 12
Date: 3/21/2023 12:42:43 PM
Author: Jeff Rice - EPC Engineering Review
Color: 
Layer:
Space:
Page Label: 12

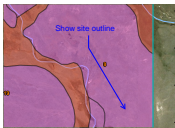
Delete if not included with EGP


SUMMARY
The proposed development remains consistent
construction of the recommended drainage in
and drainage channel improvements. The pr
major drainage ways surrounding develop
Criteria requirements for this site and is in ac

Subject:
Page Index: 12
Date: 3/21/2023 12:42:48 PM
Author: Jeff Rice - EPC Engineering Review
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Page Label: 12

and drainage channel improvements

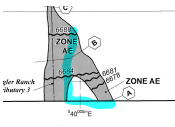
16 (1)




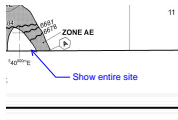
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Page Index: 16
Date: 3/21/2023 12:43:30 PM
Author: Jeff Rice - EPC Engineering Review
Color: 
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Space:
Page Label: 16

Show site outline

20 (2)



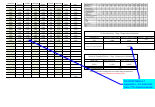
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Page Index: 20
Date: 3/21/2023 12:44:36 PM
Author: Jeff Rice - EPC Engineering Review
Color: 
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Space:
Page Label: 20



Subject: Callout
Page Index: 20
Date: 3/21/2023 12:44:50 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: 20

Show entire site

22 (2)



Subject: Callout
Page Index: 22
Date: 3/16/2023 4:17:16 PM
Author: CDurham
Color: ■
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Space:
Page Label: 22

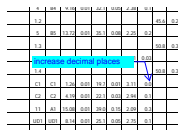
Per ECM Table 3-1 Appendix L, 2.5 acres lots have 11% imperviousness



Subject: Callout
Page Index: 22
Date: 3/21/2023 12:45:59 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: 22

Add note about plat restriction to 10% imperviousness

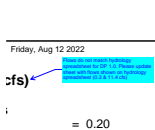
25 (1)



Subject: Callout
Page Index: 25
Date: 3/16/2023 4:26:13 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: 25

increase decimal places

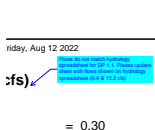
29 (1)



Subject: Callout
Page Index: 29
Date: 3/16/2023 4:45:16 PM
Author: CDurham
Color: ■
Layer:
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Page Label: 29

Flows do not match hydrology spreadsheet for DP 1.0. Please update sheet with flows shown on hydrology spreadsheet (0.3 & 11.4 cfs)

30 (1)



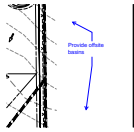
Subject: Callout
Page Index: 30
Date: 3/16/2023 4:46:34 PM
Author: CDurham
Color: ■
Layer:
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Page Label: 30

Flows do not match hydrology spreadsheet for DP 1.1. Please update sheet with flows shown on hydrology spreadsheet (0.4 & 15.2 cfs)

Provide summary table for each sediment basin showing contributing basin, total area, developed and undeveloped areas.

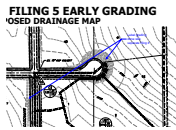
Subject: Text Box
Page Index: 47
Date: 3/16/2023 4:52:31 PM
Author: CDurham
Color: ■
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Page Label: 47

Provide summary table for each sediment basin showing contributing basin, total area, developed and undeveloped areas.



Subject: Callout
Page Index: 70
Date: 3/15/2023 9:27:52 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
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Page Label: 70

Provide offsite basins



Subject: Callout
Page Index: 70
Date: 3/15/2023 9:29:49 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: 70

Label grading done with separate filing #



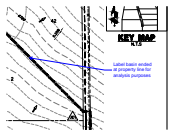
Subject: Text Box
Page Index: 70
Date: 3/16/2023 5:27:53 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: 70

Label adjacent property owners

1	0.2	7.7	BM	9.16
1	0.2	6.5	BM	13.02
1	0.0	1.3	BM	1.50
1	0.3	6.5	CS	1.26
1	0.0	0.8	CS	4.89
2	0.1	4.2	UD1	8.14
2	0.1	4.2	UD2	26.04
2	0.4	15.5	UD3	9.85
2	0.1	4.4	UD4	7.08
2	0.1	1.6		
2	0.4	14.4		
2	0.4	15.2		
2	0.5	17.7		
2	0.8	21.0		

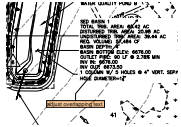
Subject: Callout
Page Index: 70
Date: 3/16/2023 5:28:15 PM
Author: CDurham
Color: ■
Layer:
Space:
Page Label: 70

Extend decimal place



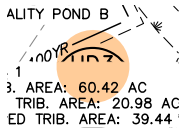
Subject: Callout
Page Index: 70
Date: 3/21/2023 11:52:22 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
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Page Label: 70

Label basin ended at property line for analysis purposes

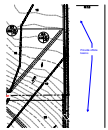


Subject: Callout
Page Index: 71
Date: 3/14/2023 3:43:05 PM
Author: dotprete
Color: ■
Layer:
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Page Label: 71

adjust overlapping text

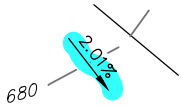


Subject: Highlight
Page Index: 71
Date: 3/14/2023 3:43:09 PM
Author: dotprete
Color: ■
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Page Label: 71

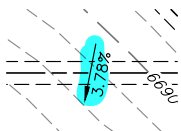


Subject: Callout
Page Index: 71
Date: 3/15/2023 9:27:11 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
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Page Label: 71

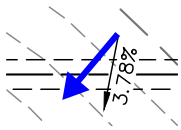
Provide offsite basins



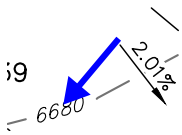
Subject:
Page Index: 71
Date: 3/15/2023 9:31:47 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: 71



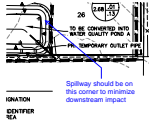
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Page Index: 71
Date: 3/15/2023 9:32:05 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: 71



Subject: Arrow
Page Index: 71
Date: 3/15/2023 9:32:27 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: 71

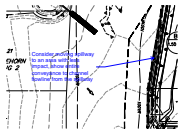


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Page Index: 71
Date: 3/15/2023 9:32:36 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: 71



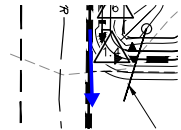
Subject: Callout
Page Index: 71
Date: 3/15/2023 9:33:22 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: 71

Spillway should be on this corner to minimize downstream impact

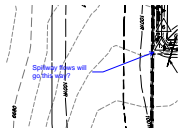


Subject: Callout
Page Index: 71
Date: 3/15/2023 9:37:31 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: 71

Consider moving spillway to an area with less impact, show entire conveyance to channel flowline from the spillway



Subject: Arrow
Page Index: 71
Date: 3/15/2023 9:35:48 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Subject: Callout
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Date: 3/15/2023 9:36:05 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: 71

Spillway flows will go this way?

UD3	
UD4	
1.0	

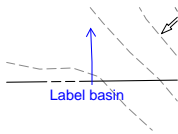
Subject: Highlight
Page Index: 71
Date: 3/16/2023 5:28:38 PM
Author: CDurham
Color: ■
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Space:
Page Label: 71

UD2
UD3
UD4

Subject: Highlight
Page Index: 71
Date: 3/16/2023 5:28:41 PM
Author: CDurham
Color: ■
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Page Label: 71

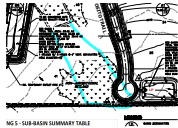
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Date: 3/16/2023 5:29:02 PM
Author: CDurham
Color: ■
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Page Label: 71

Missing labels on map

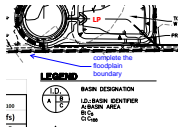


Subject: Callout
Page Index: 71
Date: 3/21/2023 11:35:36 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: 71

Label basin



Subject:
Page Index: 71
Date: 3/21/2023 11:47:41 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: 71



Subject: Callout
Page Index: 71
Date: 3/21/2023 11:48:15 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: 71

complete the floodplain boundary

FILE 5 - SUB-BASIN SUMMARY TABLE						
Tributary	Area	Permit	C ₁	C ₂	C ₃	C ₄
R2	13.20	26	0.01	0.11	10.2	0.1
R6	13.12	26	0.01	0.11	10.2	0.1
R7	13.64	26	0.01	0.11	11.4	0.1

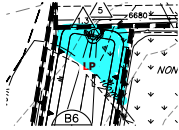
Subject: Callout
Page Index: 71
Date: 3/21/2023 11:50:08 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
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Page Label: 71

Will a CLOMR be needed for the increased flow in this channel?



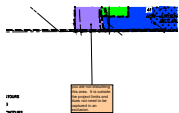
Subject: Callout
Page Index: 71
Date: 3/21/2023 1:06:19 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
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Page Label: 71

Pond should not be in the floodplain. Clarify if floodplain is being diverted and how developed flows will be conveyed across the floodplain.



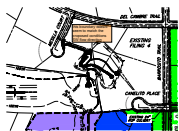
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Color: ■
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Page Label: 71

72 (4)



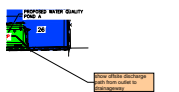
Subject: Callout
Page Index: 72
Date: 3/14/2023 4:36:53 PM
Author: dotprete
Color: ■
Layer:
Space:
Page Label: 72

you are not disturbing this area. It is outside the project limits and does not need to be captured in an exclusion.



Subject: Callout
Page Index: 72
Date: 3/14/2023 4:39:47 PM
Author: dotprete
Color: ■
Layer:
Space:
Page Label: 72

this boundary doesnt seem to match the proposed conditions SW flow direction



Subject: Callout
Page Index: 72
Date: 3/14/2023 4:47:37 PM
Author: dotprete
Color: ■
Layer:
Space:
Page Label: 72

show offsite discharge path from outlet to drainageway



Subject: PolyLine
Page Index: 72
Date: 3/14/2023 4:43:17 PM
Author: dotprete
Color: ■
Layer:
Space:
Page Label: 72



Subject: Text Box
Page Index: 73
Date: 3/15/2023 9:26:26 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: 73

Provide sub-basins, design points, flows, etc. for comparison to developed condition design points



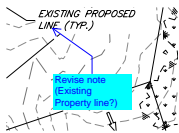
Subject: Text Box
Page Index: 73
Date: 3/16/2023 4:05:15 PM
Author: CDurham
Color: ■
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Space:
Page Label: 73

Move map in front of proposed drainage maps.



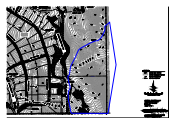
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Page Index: 73
Date: 3/16/2023 4:05:18 PM
Author: CDurham
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Label property boundary



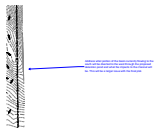
Subject: Callout
Page Index: 73
Date: 3/16/2023 5:27:25 PM
Author: CDurham
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Revise note (Existing Property line?)



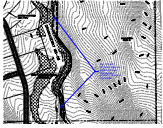
Subject: Area Measurement
Page Index: 73
Date: 3/21/2023 11:40:32 AM
Author: Jeff Rice - EPC Engineering Review
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Page Label: 73

87.31 ac



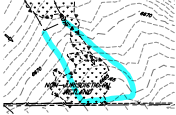
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Page Index: 73
Date: 3/21/2023 11:42:48 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: 73

Address what portion of the basin currently flowing to the south will be diverted to the west through the proposed detention pond and what the impacts to the channel will be. This will be a larger issue with the final plat.

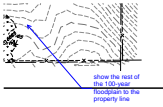


Subject: Callout
Page Index: 73
Date: 3/21/2023 11:45:42 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: 73

The 100-year floodplain does not appear to follow
drainageway contours - revise as appropriate



Subject:
Page Index: 73
Date: 3/21/2023 11:46:35 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: 73



Subject: Callout
Page Index: 73
Date: 3/21/2023 11:47:08 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: 73

show the rest of the 100-year floodplain to the
property line