



ENG-SF19009-R2-FDR_redlines-Summary


1 (2)

Subject: Text Box
Page Index: 1
Date: 11/12/2019 2:42:29 PM
Author: dsdrice
Color: 
Page Label: 1


Also see comment letter.

[Also see comment letter.](#)

Subject: EPC ENG Approval
Page Index: 1
Date: 11/13/2019 8:51:13 PM
Author: dsdrice
Color: 
Page Label: 1




5 (1)

Subject: Callout
Page Index: 5
Date: 11/12/2019 2:45:23 PM
Author: dsdrice
Color: 
Page Label: 5

Is this necessary?


[Is this necessary?](#)


19 (1)

Subject:
Page Index: 19
Date: 11/13/2019 2:02:07 PM
Author: dsdrice
Color: 
Page Label: 19


cursory

21 (4)

Subject:
Page Index: 21
Date: 11/13/2019 2:06:18 PM
Author: dsdrice
Color: 
Page Label: 21


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Page Index: 21
Date: 11/13/2019 2:06:57 PM
Author: dsdrice
Color: 
Page Label: 21

multi-plate steel

Subject: Callout
Page Index: 21
Date: 11/13/2019 2:07:43 PM
Author: dsdrice
Color: 
Page Label: 21

verify


galvanized coating (ting will provide) furt and abrasion req

Subject:
Page Index: 21
Date: 11/13/2019 2:08:23 PM
Author: dsdrice
Color: 
Page Label: 21

will provide

22 (2)


development area and with tng, the shear stress at those 4.27 will be addressed with

Subject:
Page Index: 22
Date: 11/13/2019 2:10:39 PM
Author: dsdrice
Color: 
Page Label: 22

will be addressed

selective embankment being, the shear stress at those two locatidable range. Station 33+34.27 will be addressed with proposed c future filing.


This is next to the proposed Filing 1 lot. Bank stabilization at a minimum (along with potentially unstable slopes) should be addressed.

Subject: Callout
Page Index: 22
Date: 11/14/2019 11:48:45 AM
Author: dsdrice
Color: 
Page Label: 22

This is next to the proposed Filing 1 lots. Bank stabilization at a minimum (along with potentially unstable slopes) should be addressed.


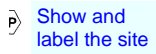

23 (1)



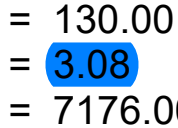

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Date: 11/14/2019 11:50:55 AM
Author: dsdrice
Color: 
Page Label: 23

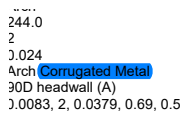

Provide existing and proposed channel slopes. Discuss other flow attributes including Froude #, calculated velocities at reaches that have issues. Provide a table showing criteria and proposed values at specified stations. Deviations may be required.

38 (1)



  **Subject:** Text Box
Page Index: 38 Show and label the site
Date: 11/13/2019 3:26:06 PM
Author: dsdrice
Color: 
Page Label: 38

115 (2)



 = 130.00
= 3.08
= 7176.00
Subject:
Page Index: 115 3.08
Date: 11/13/2019 6:14:55 PM
Author: dsdrice
Color: 
Page Label: 115

 **Subject:**
Page Index: 115 Corrugated Metal
Date: 11/13/2019 6:15:01 PM
Author: dsdrice
Color: 
Page Label: 115



126 (1)

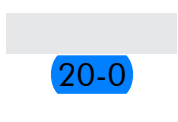

 **Subject:**
Page Index: 126 2.4
Date: 11/13/2019 9:08:31 PM
Author: dsdrice
Color: 
Page Label: 126

142 (1)

 **Subject:** Text Box
Page Index: 142 Include in I&M Plan
Date: 11/13/2019 9:18:55 PM
Author: dsdrice
Color: 
Page Label: 142

151 (3)

 **Subject:** Highlight
Page Index: 151
Date: 11/13/2019 6:14:14 PM
Author: dsdrice
Color: 
Page Label: 151

 **Subject:**
Page Index: 151 20-0
Date: 11/13/2019 6:16:38 PM
Author: dsdrice
Color: 
Page Label: 151

7.2	91.9	0.40	100	90
8.0	93.8	0.50	100	100
9.0	97.8	0.75	119	84
10.0	103.8	1.00	149	70
15.0	131.3	1.50	225	50
20.0	151.0	2.00	314	35
25.0	171.0	2.50	414	25
30.0	191.0	3.00	524	18
35.0	211.0	3.50	644	13
40.0	231.0	4.00	774	10
45.0	251.0	4.50	914	8
50.0	271.0	5.00	1064	6
55.0	291.0	5.50	1224	5
60.0	311.0	6.00	1394	4
65.0	331.0	6.50	1574	3
70.0	351.0	7.00	1764	3
75.0	371.0	7.50	1964	2
80.0	391.0	8.00	2174	2
85.0	411.0	8.50	2394	1
90.0	431.0	9.00	2624	1
95.0	451.0	9.50	2864	1
100.0	471.0	10.00	3114	1

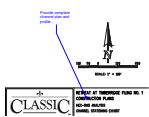
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Page Index: 151
Date: 11/13/2019 6:16:43 PM
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Page Label: 151

153 (1)

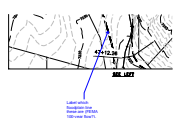
8-3
10-0
 6-11

Subject: 10-0
Page Index: 153
Date: 11/13/2019 6:18:32 PM
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Color: ■
Page Label: 153

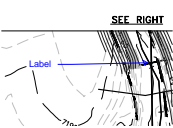
217 (6)



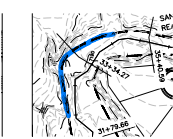
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Page Index: 217
Date: 11/13/2019 10:24:21 PM
Author: dsdrice
Color: ■
Page Label: 217
 Provide complete channel plan and profile.



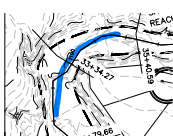
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Page Index: 217
Date: 11/13/2019 6:30:39 PM
Author: dsdrice
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Page Label: 217
 Label which floodplain line these are (FEMA 100-year flow?).



Subject: Callout
Page Index: 217
Date: 11/14/2019 11:41:30 AM
Author: dsdrice
Color: ■
Page Label: 217
 Label



Subject:
Page Index: 217
Date: 11/14/2019 11:46:32 AM
Author: dsdrice
Color: ■
Page Label: 217

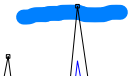


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Date: 11/14/2019 11:46:52 AM
Author: dsdrice
Color: ■
Page Label: 217



Subject: Callout
Page Index: 217
Date: 11/14/2019 8:26:35 AM
Author: dsdrice
Color: ■
Page Label: 217
 Label

250 (2)



Subject:
Page Index: 250
Date: 11/13/2019 8:44:00 PM
Author: dsdrice
Color: ■
Page Label: 250



Subject:
Page Index: 250
Date: 11/13/2019 8:44:49 PM
Author: dsdrice
Color: ■
Page Label: 250

260 (31)

o/sq ft)	
11.21	
9.23	

Subject:
Page Index: 260
Date: 11/13/2019 10:25:31 PM
Author: dsdrice
Color: ■
Page Label: 260

11.21

11.21	Subject:	9.23
9.23	Page Index: 260	
2.83	Date: 11/13/2019 10:25:34 PM	
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	Color: ■	
	Page Label: 260	

	Subject:	9.27
9.27	Page Index: 260	
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	Page Label: 260	

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7.44	Date: 11/13/2019 10:25:54 PM	
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	Color: ■	
	Page Label: 260	

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	Page Label: 260	

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8.20	Date: 11/13/2019 10:26:06 PM	
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	Page Label: 260	

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	Page Label: 260	

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	Page Label: 260	

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1.56	1.76	Subject: Page Index: 260 Date: 11/13/2019 8:52:08 PM Author: dsdrice Color: ■ Page Label: 260	1.56
1.56	1.91	Subject: Page Index: 260 Date: 11/13/2019 8:52:10 PM Author: dsdrice Color: ■ Page Label: 260	1.76
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1.91
1.96
1.86

Subject:
Page Index: 260
Date: 11/13/2019 8:52:15 PM
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Color: ■
Page Label: 260

1.96

1.96
1.86

Subject:
Page Index: 260
Date: 11/13/2019 8:52:18 PM
Author: dsdrice
Color: ■
Page Label: 260

1.86

6.86
7.14
5.29

Subject:
Page Index: 260
Date: 11/13/2019 8:52:30 PM
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Color: ■
Page Label: 260

7.14

1.37
1.35

Subject:
Page Index: 260
Date: 11/13/2019 8:53:02 PM
Author: dsdrice
Color: ■
Page Label: 260

1.37

1.37
1.35
1.14

Subject:
Page Index: 260
Date: 11/13/2019 8:53:05 PM
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Page Label: 260

1.35

1.35
1.14
1.26

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Date: 11/13/2019 8:53:07 PM
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Page Label: 260

1.14

1.14
1.26
1.13

Subject:
Page Index: 260
Date: 11/13/2019 8:53:10 PM
Author: dsdrice
Color: ■
Page Label: 260

1.26

1.26
1.13

Subject:
Page Index: 260
Date: 11/13/2019 8:53:14 PM
Author: dsdrice
Color: ■
Page Label: 260

1.13

1.19
1.16

Subject: 1.19
Page Index: 260
Date: 11/13/2019 8:53:21 PM
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Color: ■
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1.19
1.16
0.99

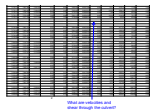
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1.12

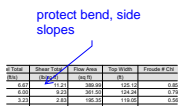
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Date: 11/13/2019 8:53:26 PM
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Page Label: 260

0.99
1.12

Subject: 1.12
Page Index: 260
Date: 11/13/2019 8:53:29 PM
Author: dsdrice
Color: ■
Page Label: 260



Subject: Callout
Page Index: 260
Date: 11/14/2019 11:44:18 AM
Author: dsdrice
Color: ■
Page Label: 260
What are velocities and shear through the culvert?



Subject: Callout
Page Index: 260
Date: 11/14/2019 11:46:06 AM
Author: dsdrice
Color: ■
Page Label: 260
protect bend, side slopes

261 (6)


0.92

Subject: 0.92
Page Index: 261
Date: 11/13/2019 8:53:54 PM
Author: dsdrice
Color: ■
Page Label: 261


1.06
1.04

Subject: 1.06
Page Index: 261
Date: 11/13/2019 8:53:58 PM
Author: dsdrice
Color: ■
Page Label: 261


1.06
1.04
1.07

Subject: 1.04
Page Index: 261
Date: 11/13/2019 8:54:01 PM
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Color: 
Page Label: 261


1.04
1.07
1.04

Subject: 1.07
Page Index: 261
Date: 11/13/2019 8:54:04 PM
Author: dsdrice
Color: 
Page Label: 261

1.07
1.04
1.08


Subject: 1.04
Page Index: 261
Date: 11/13/2019 8:54:12 PM
Author: dsdrice
Color: 
Page Label: 261

1.04
1.08


Subject: 1.08
Page Index: 261
Date: 11/13/2019 8:54:16 PM
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Color: 
Page Label: 261

262 (2)

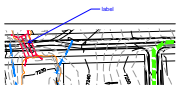



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Date: 11/13/2019 8:46:46 PM
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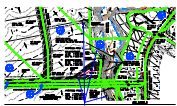


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Page Label: 262

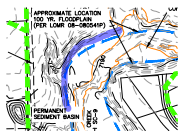
266 (6)



Subject: Callout label
Page Index: 266
Date: 11/13/2019 9:20:22 AM
Author: dsdrice
Color: 
Page Label: 266



Subject: Callout Show maintenance access roads
Page Index: 266
Date: 11/13/2019 9:46:49 PM
Author: dsdrice
Color: 
Page Label: 266



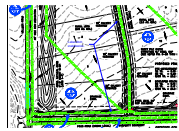
Subject: Highlight
Page Index: 266
Date: 11/13/2019 9:54:16 PM
Author: dsdrice
Color: ■
Page Label: 266

bank stabilization?



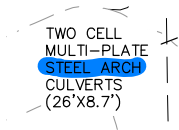
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Page Index: 266
Date: 11/13/2019 9:55:28 PM
Author: dsdrice
Color: ■
Page Label: 266

maintenance access?



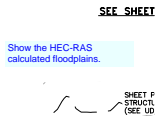
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Page Index: 266
Date: 11/13/2019 9:59:02 PM
Author: dsdrice
Color: ■
Page Label: 266

Label ditch stabilization.



Subject:
Page Index: 266
Date: 11/13/2019 9:59:28 PM
Author: dsdrice
Color: ■
Page Label: 266

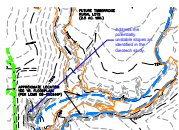
267 (1)



Subject: Text Box
Page Index: 267
Date: 11/13/2019 2:03:27 PM
Author: dsdrice
Color: ■
Page Label: 267

Show the HEC-RAS calculated floodplains.

268 (2)



Subject: Callout
Page Index: 268
Date: 11/14/2019 10:54:42 AM
Author: dsdrice
Color: ■
Page Label: 268

Address the potentially unstable slopes as identified in the Geotech study.



Subject:
Page Index: 268
Date: 11/14/2019 10:54:57 AM
Author: dsdrice
Color: ■
Page Label: 268

potentially unstable?

269 (7)



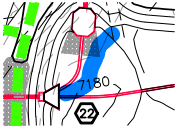
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Page Index: 269
Date: 11/13/2019 10:04:16 PM
Author: dsdrice
Color: ■
Page Label: 269

maintenance access?



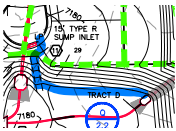
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Page Index: 269
Date: 11/13/2019 10:04:42 PM
Author: dsdrice
Color: ■
Page Label: 269

maintenance access?



Subject: Highlight
Page Index: 269
Date: 11/13/2019 10:05:50 PM
Author: dsdrice
Color: ■
Page Label: 269

maintenance access?



Subject: Highlight
Page Index: 269
Date: 11/13/2019 10:05:50 PM
Author: dsdrice
Color: ■
Page Label: 269

maintenance access?



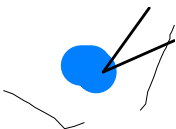
Subject: Text Box
Page Index: 269
Date: 11/13/2019 10:09:12 PM
Author: dsdrice
Color: ■
Page Label: 269

Show existing and proposed utilities.



Subject:
Page Index: 269
Date: 11/13/2019 10:10:43 PM
Author: dsdrice
Color: ■
Page Label: 269

maintenance access?



Subject:
Page Index: 269
Date: 11/13/2019 10:21:50 PM
Author: dsdrice
Color: ■
Page Label: 269

276 (2)



Subject:
Page Index: 276
Date: 11/12/2019 3:00:38 PM
Author: dsdrice
Color: ■
Page Label: 276

A deed restriction would be prepared to provide for long-term protection of the mitigation area.



3.3 Mitigation Area Protection
 The proposed project is located within the mitigation area of the project. According to the CEQA Guidelines (California Code of Regulations, Title 20, Section 15300.2), the mitigation area is the area of land that is necessary to provide for long-term protection of the mitigation area.

3.4 Baseline Information
 The Project would result in the permanent loss of 0.44 acres of mitigation area. The Project would result in the permanent loss of 0.44 acres of mitigation area.

Subject:
Page Index: 276
Date: 11/12/2019 3:02:15 PM
Author: dsdrice
Color: ■
Page Label: 276

The mitigation area will be owned by the Applicant

control noxiou
site wetlands (

- **Years 3, 4, and 5**
 - Site monitorin
 - concurrence fr
 - If standards are

Subject:

Page Index: 277

Date: 11/12/2019 3:01:01 PM

Author: dsdrice

Color: ■

Page Label: 277

Years 3, 4, and 5