# ENG-SF21032-R1-FDR.pdf Markup Summary

1 (2)		
Engineering Review 1/1/3/3/317-19: 59 PM International International International International International International EPC Planning & Community Development Department	Subject: EPC ENG Review Page Index: 1 Date: 11/24/2021 2:17:31 PM Author: dsdrice Color: Layer: Space: Page Label: 1	
See comment letter also	Subject: Text Box Page Index: 1 Date: 11/24/2021 2:17:44 PM Author: dsdrice Color: Layer: Space: Page Label: 1	See comment letter also
4 (3)		
ixth Principal M d to the south ar fer to the vicinit	Subject: Page Index: 4 Date: 11/24/2021 2:36:31 PM Author: dsdrice Color: Layer: Space: Page Label: 4	the sout
many instance constrainty was a new and a superconstrainty of a start.	Subject: Callout Page Index: 4 Date: 11/24/2021 2:37:26 PM Author: dsdrice Color: Layer: Space: Page Label: 4	Pawnee Rancheros Filing 2
<text><text><text><text><text><text><text></text></text></text></text></text></text></text>	Subject: Callout Page Index: 4 Date: 11/24/2021 2:39:19 PM Author: dsdrice Color: Layer: Space: Page Label: 4	and southwest toward existing Pond W-5 (constructed with Sterling Ranch Filing No. 2)
5 (3)		
	Subject: Callout	GEC Plan shows grading

RT FOR STERLING RANCH FILING 3 XUNE 2021 CEC Plan shows grading sare people within the Zane AL at this time. FIRM Mays have been FIONS Page Index: 5 Date: 11/24/2021 2:59:39 PM Author: dsdrice Color: Layer: Space: Page Label: 5

GEC Plan shows grading

	Subject: Page Index: 5 Date: 11/24/2021 2:59:48 PM Author: dsdrice Color: Layer: Space: Page Label: 5	No grading operations are proposed within the Zone AE at this time
the <mark>eastern</mark> e assumed	Subject: Page Index: 5 Date: 11/24/2021 3:01:03 PM Author: dsdrice Color: Layer: Space: Page Label: 5	eastern
6 (4)		
Sub-basin the east of	Subject: Page Index: 6 Date: 11/24/2021 3:03:12 PM Author: dsdrice Color: Layer: Space: Page Label: 6	eas
ntion Pond in inof <mark>f is piped</mark>	Subject: Page Index: 6 Date: 11/24/2021 3:03:37 PM Author: dsdrice Color: Layer: Space: Page Label: 6	f is piped
n drains to design point 15, future rvious is comprised of single to an on grade inlet at desig	Subject: Callout Page Index: 6 Date: 11/24/2021 3:05:08 PM Author: dsdrice Color: Layer: Space: Page Label: 6	future
<text><text><text><text></text></text></text></text>	Subject: Callout Page Index: 6 Date: 11/24/2021 3:07:16 PM Author: dsdrice Color: Layer: Space: Page Label: 6	provide sizes of all inlets

7 (7)		
	Subject: Contractor Page Index: 7 Date: 10/27/2021 8:27:26 AM Author: EPC Stormwater - Glenn Reese Color: Layer: Space: Page Label: 7	Discuss here or in the Water Quality section the acreage of disturbed areas that will not be captured by the PBMP (the existing pond) and which exclusions apply to these two basins and others that may be applicable. Complete a PBMP Form to further document.
Each Rud AD of the result is equirate in the 100 per event. Its instruction of the result is the part $\sim$ 4.1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Subject: Callout Page Index: 7 Date: 11/24/2021 3:09:18 PM Author: dsdrice Color: Layer: Space: Page Label: 7	more than 1?
Is prefer and watch the part 9 kt. B, quick of the hirth of the sound at the preference watch watch on the preference of the preference o	Subject: Callout Page Index: 7 Date: 11/24/2021 3:10:15 PM Author: dsdrice Color: Layer: Space: Page Label: 7	provide inlet sizes
d. Signal Statistical Stati	Subject: Callout Page Index: 7 Date: 11/24/2021 3:11:06 PM Author: dsdrice Color: Layer: Space: Page Label: 7	address outfall design
From basin 64 drain es and 0 percent imp southeast and adjace is basin have been f	Subject: Page Index: 7 Date: 11/24/2021 3:11:25 PM Author: dsdrice Color: Layer: Space: Page Label: 7	d 0 percent
usin have been attributes and 0 percent imp the southeast into s an attributed to desire	Subject: Page Index: 7 Date: 11/24/2021 3:11:37 PM Author: dsdrice Color: Layer: Space: Page Label: 7	d 0 percent

Subject: Callout Page Index: 7 Date: 11/24/2021 3:12:09 PM Author: dsdrice Color: Layer: Space: Page Label: 7

#### and trail/access roads

8 (1)

orms were used to determin rade inlets were sized using the overflow channel and stormwater drainage, the hy sewer network. Manhole a Subject: Page Index: 8 Date: 11/24/2021 3:13:15 PM Author: dsdrice Color: Layer: Space: Page Label: 8

overflow channe

9 (3)

<section-header><section-header><section-header><section-header><section-header><text>

Subject: Architect Page Index: 9 Date: 10/26/2021 1:53:47 PM Author: EPC Stormwater - Glenn Reese Color: Layer: Space: Page Label: 9

treating the water quality capture volume (WQCV), stabilizing drainage ways, and implementing long-term source control

and view of each in the team of team o

Subject: Contractor Page Index: 9 Date: 10/26/2021 1:54:33 PM Author: EPC Stormwater - Glenn Reese Color: Layer: Space: Page Label: 9

Revise section headings and subsequent headings per ECM Section I.7.2 BMP Selection)

State connect bits. Subject: Callout Page Index: 9 Date: 11/24/2021 3:14:01 PM Author: dsdrice Color: Layer: Space: Page Label: 9

See comment letter.

#### 10 (5)

Subject: Cloud+ Page Index: 10 Date: 11/24/2021 3:16:35 PM Author: dsdrice Color: Layer: Space: Page Label: 10

State that these have been submitted

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SAGE BEPORT FOR STRELING RANCH FLING 3 in pipe, the full spectrum domains paral VS 5 and parameter to - and project the standard are non-or of full planes; <b>LIPU</b> with standard 13 and and CASEPPORHAB. All spectrum rate dynamics of the standard st	Subject: Page Index: 10 Date: 11/24/2021 3:17:08 PM Author: dsdrice Color: Layer: Space: Page Label: 10	s will be defined at the time of final platting
<page-header><text><text><text><text></text></text></text></text></page-header>	Subject: Callout Page Index: 10 Date: 11/24/2021 3:18:49 PM Author: dsdrice Color: Layer: Space: Page Label: 10	for Pond W5 were provided with Filing 2. A channel maintenance agreement for Sand Creek will be provided with Filing 3.
<section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header>	Subject: Page Index: 10 Date: 11/24/2021 3:19:25 PM Author: dsdrice Color: Layer: Space: Page Label: 10	We respectfully request that the Operation & Maintenance Manual be submitted in conjunction with the construction documents, prior to obtaining a grading permit.
te lacinnes ana essentemis tor proposea inira le Operation & Maintenance Manual be sub , prior to obtabling a grading permit. A mai in discrimination ofthe road can be found in .2. The maintenance and access is off of Ma oviding access to the inflow pipe wingwalls a delete?	Subject: Callout Page Index: 10 Date: 11/24/2021 3:19:40 PM Author: dsdrice Color: Layer: Space: Page Label: 10	delete?
11 (1)		
	Subject: Callout Page Index: 11 Date: 11/24/2021 4:16:52 PM Author: dsdrice Color: Layer: Space: Page Label: 11	Please state whether or not Tract C is being included as developed or not. Provide the overall imperviousness used for the calculation.

## 12 (4)



Subject: Callout Page Index: 12 Date: 11/24/2021 2:41:33 PM Author: dsdrice Color: Layer: Space: Page Label: 12

and DCM Update

1993, revised March 19 "Sterling Ranch Filing 2 Fi	Subject: Page Index: 12		(not yet approved)
(not yet approved) Urban Storm Drainage Crite District June 2001	Date: 11/24/2021 Author: dsdrice Color: Layer: Space: Page Label: 12	2:41:43 PM	
ted May 2020	Subject: Page Index: 12 Date: 11/24/2021 Author: dsdrice Color: Layer: Space: Page Label: 12	2:41:45 PM	May 2020
UCUENTS   UCUEN	Subject: Callout Page Index: 12 Date: 11/30/2021 Author: dsdrice Color: Layer: Space: Page Label: 12	10:31:07 AM	Updated MDDP (under review)
34 (1)			
2. Interaction INT Related PFTREET(Base & Auge Bases) Particular Interaction Interaction Particular Interaction Interaction Particular Interaction DP13? DP13? DP13?	Subject: Callout Page Index: 34 Date: 11/24/2021 Author: dsdrice Color: Layer: Space: Page Label: 34	1:54:44 PM	DP13?
36 (1)			
A Network Stat 20 Sector 2 State (Network States) The sector states and sector sta	Subject: Callout Page Index: 36 Date: 11/24/2021 Author: dsdrice Color: Layer: Space: Page Label: 36	1:53:53 PM	DP12?
38 (1)			
VIII Vandeburge INI Kaud de Print fan a Kaus hom Terrester in terrester in terrester in terrester in terrester in terrester in terrester in terr	Subject: Callout Page Index: 38 Date: 11/24/2021 Author: dsdrice Color: Layer: Space: Page Label: 38	1:56:48 PM	is this correct? DP15?

### 39 (1)

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Hard State	Subject: Callout Page Index: 39 Date: 11/24/2021 1:57:31 PM Author: dsdrice Color: Layer: Space: Page Label: 39	are 3 units needed? Is future flow higher?
43 (1)		
The second secon	Subject: Callout Page Index: 43 Date: 11/24/2021 2:17:11 PM Author: dsdrice Color: Layer: Space: Page Label: 43	This needs to be larger or steeper based on HGL
44 (1)		
these notes don't rratio free Dumneter column.	Subject: Callout Page Index: 44 Date: 11/24/2021 1:11:27 PM Author: dsdrice Color: Layer: Space: Page Label: 44	these notes don't match the Diameter column.
55 (1)		
Provide a water quality treatment area map.	Subject: Text Box Page Index: 55 Date: 11/24/2021 1:06:40 PM Author: dsdrice Color: Layer: Space: Page Label: 55	Provide a water quality treatment area map.
57 (20)		
	Subject: Callout Page Index: 57 Date: 11/24/2021 12:46:26 PM Author: dsdrice Color: Layer: Space: Page Label: 57	Provide detail on the amount of flow from above the retaining wall and how it is conveyed to the street (not across Lot 31).

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Subject: Page Index: 57 Date: 11/22/2021 4:59:13 PM Author: dsdrice Color: Layer: Space: Page Label: 57





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Subject: Arrow Page Index: 57 Date: 11/24/2021 12:32:38 PM Author: dsdrice Color: Layer: Space: Page Label: 57



Subject: Arrow Page Index: 57 Date: 11/24/2021 12:38:24 PM Author: dsdrice Color: Layer: Space: Page Label: 57

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Subject: Arrow Page Index: 57 Date: 11/24/2021 12:37:17 PM Author: dsdrice Color: Layer: Space: Page Label: 57



Subject: Arrow Page Index: 57 Date: 11/24/2021 12:42:24 PM Author: dsdrice Color: Layer: Space: Page Label: 57

3

Subject: Callout Page Index: 57 Date: 11/24/2021 12:44:41 PM Author: dsdrice Color: Layer: Space: Page Label: 57

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show BFE



Subject: Callout Page Index: 57 Date: 11/24/2021 2:02:05 PM Author: dsdrice Color: Layer: Space: Page Label: 57

If there is a swale beside the trail it needs to be continued or dispersed



Subject: Page Index: 57 Date: 11/24/2021 12:51:10 PM Author: dsdrice Color: Layer: Space: Page Label: 57



Subject: Callout Page Index: 57 Date: 11/24/2021 12:51:30 PM Author: dsdrice Color: Layer: Space: Page Label: 57

Connect the trail?



Subject: Callout Page Index: 57 Date: 11/24/2021 1:03:36 PM Author: dsdrice Color: Layer: Space: Page Label: 57

Provide bank stabilization/erosion protection

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Subject: Callout Page Index: 57 Date: 11/24/2021 1:24:39 PM Author: dsdrice Color: Layer: Space: Page Label: 57

Add a column for proposed inlet or conveyance size or label inlet and pipe sizes on the plan



Subject: Callout Page Index: 57 Date: 11/24/2021 2:02:03 PM Author: dsdrice Color: Layer: Space: Page Label: 57

label emergency overflow swale (provide grading)



Subject: Arrow Page Index: 57 Date: 11/24/2021 3:08:06 PM Author: dsdrice Color: Layer: Space: Page Label: 57