

# ENG-PUDSP21010-R6-PDR.pdf Markup Summary

2 (2)

[Provide signatures](#)

**Subject:** Text Box  
**Page Index:** 2  
**Date:** 10/11/2022 1:33:12 PM  
**Author:** dsdlaforce  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 2

Provide signatures

PROVIDED

[Delete "interim"](#)

**Subject:** Callout  
**Page Index:** 2  
**Date:** 10/12/2022 8:45:55 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 2

Delete "interim"

REMOVED

4 (1)

[\(under review\)](#)

velopment located in the Falcon area of El Paso County, north of the South half of Section 21, the North 1/4 of the 6th Principal Meridian, County of El Paso, Texas, to the west, which was studied separately by HR Green, September 2022 (E-FDR). The future development to the east, and undeveloped

**Subject:** Callout  
**Page Index:** 4  
**Date:** 10/12/2022 8:42:10 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 4

(under review)

ADDED "AND IS CURRENTLY IN REVIEW WITH EL PASO COUNTY"

5 (1)

[Delete "interim"](#)

**Subject:** Callout  
**Page Index:** 5  
**Date:** 10/13/2022 8:42:10 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 5

THE EXISTING FLOWS HAVE BEEN UPDATED TO MATCH THE EASTONVILLE PDR AND SANCTUARY FILING 1 FDR (MERIDIAN RANCH) - ALL FLOW VALUES SHOULD NOW MATCH

Please discuss the difference between FEMA flows (at then-existing conditions), 514 cfs in Eastonville report, and Meridian Ranch MDDP - DP-G06 1.45 sq. mi., historic Q100=628, developed 663 cfs. This will need to be resolved with the final drainage report.

6 (1)

[Delete "interim"](#)

**Subject:** Text Box  
**Page Index:** 6  
**Date:** 10/12/2022 9:22:51 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 6

(page 63 of this report)

ADDED PAGE NUMBER



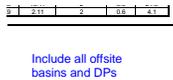
63 (1)



**Subject:** Text Box  
**Page Index:** 63  
**Date:** 10/12/2022 10:16:13 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 63

(See separate comments on this report)

80 (1)



**Subject:** Engineer  
**Page Index:** 80  
**Date:** 10/13/2022 9:26:24 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 80

Include all offsite basins and DPs

85 (1)



**Subject:** Engineer  
**Page Index:** 85  
**Date:** 10/13/2022 9:31:46 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 85

Include all offsite basins and DPs

93 (1)



**Subject:** Engineer  
**Page Index:** 93  
**Date:** 10/13/2022 9:31:29 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 93

Include all offsite basins and DPs

172 (1)



**Subject:** Callout  
**Page Index:** 172  
**Date:** 10/12/2022 9:22:18 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 172

Please only include one set of each item in these appendices. Add a note to the appendix title sheet of whichever is deleted to see the other set in the other report appendix.

175 (1)



**Subject:** Callout  
**Page Index:** 175  
**Date:** 10/13/2022 9:42:08 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 175

(See previous comments about Meridian Ranch MDDP flows. A note should be made on this page regarding the differences.)

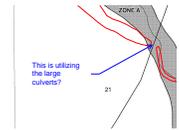
199 (1)



**Subject:** Callout  
**Page Index:** 199  
**Date:** 10/13/2022 9:44:04 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] Exhibit

Show Eastonville Road?

201 (1)



**Subject:** Callout  
**Page Index:** 201  
**Date:** 10/13/2022 9:45:34 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 201

This is utilizing the large culverts?

204 (1)

(not reviewed yet)

**Subject:** Engineer  
**Page Index:** 204  
**Date:** 10/13/2022 9:48:46 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] 01 TITLE SHEET

(not reviewed yet)

294 (1)



**Subject:** Callout  
**Page Index:** 294  
**Date:** 10/12/2022 9:16:38 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 294

J?

302 (1)



**Subject:** Callout  
**Page Index:** 302  
**Date:** 10/13/2022 9:50:45 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 302

Please only include one set of each item in these appendices. Add a note to the appendix title sheet of whichever is deleted to see the other set in the other report.

333 (1)



**Subject:** Callout  
**Page Index:** 333  
**Date:** 10/12/2022 9:20:39 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 333

Please only include one set of each item in these appendices. Add a note to the appendix title sheet of whichever is deleted to see the other set in the other report.

334 (1)

Submit under CDR project CDR-22-008



**Subject:** Text Box  
**Page Index:** 334  
**Date:** 10/12/2022 9:13:04 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** [1] 01 TITLE SHEET

Submit under CDR project CDR-22-008

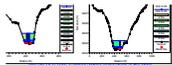
369 (1)

Please only include one set of each item in these appendices. Add a note to the appendix title sheet of whichever is deleted to see the other set in the other report.

**Subject:** Callout  
**Page Index:** 369  
**Date:** 10/13/2022 9:52:13 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 369

Please only include one set of each item in these appendices. Add a note to the appendix title sheet of whichever is deleted to see the other set in the other report.

423 (1)



**Subject:** Engineer  
**Page Index:** 423  
**Date:** 10/13/2022 10:04:44 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 423

Provide HEC-RAS summary tables somewhere in the PDR

424 (1)



**Subject:** Engineer  
**Page Index:** 424  
**Date:** 10/13/2022 9:55:48 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 424

Move these up under Appendix D cover sheet? Include inlet capacity chart, etc. from previous report.

554 (1)

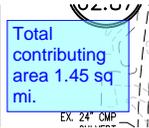


**Subject:** Callout  
**Page Index:** 554  
**Date:** 10/13/2022 10:12:54 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 554

Calculations aren't working correctly without the spillway

SPILLWAYS & ORIFICE (STANDING PIPE OPENINGS) HAVE BEEN ADDED

560 (6)



**Subject:** Text Box  
**Page Index:** 560  
**Date:** 10/12/2022 8:58:50 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 560

Total contributing area 1.45 sq mi.

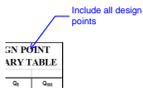
TOTAL OFFSITE CONTRIBUTING AREA HAVE BEEN PROVIDED AT DP4 / EX. 24" CMP



**Subject:** Callout  
**Page Index:** 560  
**Date:** 10/12/2022 9:00:43 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 560

Rename one set of design points to avoid duplicates

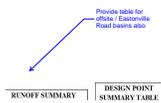
DESIGN POINTS HAVE BEEN RENAMED IN THE EXISTING CONDITIONS



**Subject:** Callout  
**Page Index:** 560  
**Date:** 10/12/2022 9:01:15 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 560

Include all design points

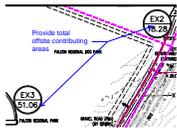
ALL DPs HAVE BEEN INCLUDED



**Subject:** Callout  
**Page Index:** 560  
**Date:** 10/12/2022 9:02:01 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 560

Provide table for offsite / Eastonville Road basins also

INTENTIONALLY LEFT EASTONVILLE DPs OUT OF GALLOWAY TABLES SO AS TO NOT CONFUSE WITH HR GREEN DRAINAGE DATA



**Subject:** Callout  
**Page Index:** 560  
**Date:** 10/12/2022 9:05:29 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 560

Provide total offsite contributing areas

TOTAL OFFSITE CONTRIBUTING AREA HAVE BEEN PROVIDED AT DP3 / EX. 24" CMP



**Subject:** Callout  
**Page Index:** 560  
**Date:** 10/12/2022 3:39:52 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 560

Add labels for Channel A and Channel B

CHANNEL A & B LABELS ADDED

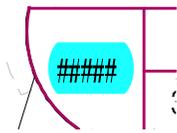
561 (2)



**Subject:** Callout  
**Page Index:** 561  
**Date:** 10/12/2022 10:25:56 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 561

Roundabout wouldn't be here for interim?

EASTONVILLE ROAD IMPROVEMENTS REMOVED FROM INTERIM CONDITIONS



**Subject:** Engineer  
**Page Index:** 561  
**Date:** 10/12/2022 11:51:29 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 561

#####

UPDATED

562 (7)



**Subject:** Callout  
**Page Index:** 562  
**Date:** 10/12/2022 10:28:36 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 562

Roundabout wouldn't be here for interim?

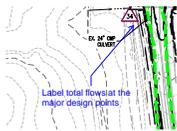
EASTONVILLE ROAD  
 IMPROVEMENTS  
 REMOVED FROM INTERIM  
 CONDITIONS



**Subject:** Callout  
**Page Index:** 562  
**Date:** 10/12/2022 10:30:29 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 562

Include all DPs along Eastonville also

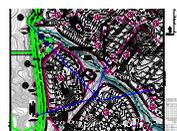
INTENTIONALLY LEFT  
 EASTONVILLE DPs OUT OF  
 GALLOWAY TABLES SO AS TO  
 NOT CONFUSE WITH HR GREEN  
 DRAINAGE DATA



**Subject:** Callout  
**Page Index:** 562  
**Date:** 10/12/2022 10:37:32 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 562

Label total flows at the major design points

TOTAL FLOWS LABELED IN  
 ACCORDANCE W/ E-FDR



**Subject:** Callout  
**Page Index:** 562  
**Date:** 10/12/2022 10:38:53 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 562

Rename one set of design points to avoid  
 duplicates

DESIGN POINTS HAVE  
 BEEN RENAMED IN THE  
 INTERIM CONDITIONS



**Subject:** Callout  
**Page Index:** 562  
**Date:** 10/12/2022 3:24:55 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 562

Should overflow spillway be on this side?

NO, SHEET FLOWS TO THE  
 SE, THEN INTO THE  
 CHANNEL



**Subject:** Callout  
**Page Index:** 562  
**Date:** 10/12/2022 3:25:57 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 562

Should overflow spillway be on this side?

NO, SHEET FLOWS TO THE SE, THEN INTO THE CHANNEL

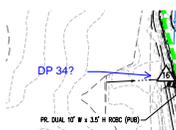


**Subject:** Callout  
**Page Index:** 562  
**Date:** 10/12/2022 3:33:06 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 562

Clarify timing of road construction and culvert removals - will Eastonville be constructed prior to overlot grading?

CLARIFICATION PROVIDED IN OPENING PARAGRAPH OF INTERIM CONDITONS SECTION

565 (3)



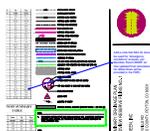
**Subject:** Callout  
**Page Index:** 565  
**Date:** 10/12/2022 3:53:06 PM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 565

DP 34?

DP G06 PER E-FDR ADDED DP 34

NO	Q.M	± I.V
31	29.3	69.9
32	3.6	24.0
33	3.9	25.8
34	67.0	414.0
EAT	9.2	19.5
EAT	7.0	14.9
A2.1	15.8	33.4

**Subject:** Engineer  
**Page Index:** 565  
**Date:** 10/13/2022 8:33:10 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 565

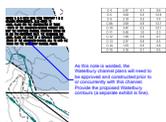


**Subject:** Callout  
**Page Index:** 565  
**Date:** 10/13/2022 9:33:43 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 565

Add a note that 663 cfs should be used for "emergency conditions" analysis, per Meridian Ranch MDDP (or that updated final calculations for offsite flows will be provided in the FDR)

NOTE ADDED

566 (1)



**Subject:** Callout  
**Page Index:** 566  
**Date:** 10/13/2022 8:30:39 AM  
**Author:** dsdrice  
**Color:** ■  
**Layer:**  
**Space:**  
**Page Label:** 566

As this note is worded, the Waterbury channel plans will need to be approved and constructed prior to or concurrently with this channel. Provide the proposed Waterbury contours (a separate exhibit is fine).

NOTE HAS BEEN REVISED PER HR GREEN