# CD V\_1.pdf Markup Summary

Date: 8/9/2018 11:28:40 AM

Author: dsdrice Color:

1 (2) Subject: Text Box PUDSP-16-0 EGP-18-002 Page Label: 1 EGP-18-002 Date: 8/9/2018 12:31:13 PM Author: dsdrice Color: Subject: Callout Add: "In accordance with ECM Section 1.12, these Page Label: 1 construction documents will be valid for Date: 8/9/2018 12:32:16 PM construction for a period of 2 years from the date Author: dsdrice signed by the El Paso County Engineer. If Color: construction has not started within those 2 years the plans will need to be resubmitted for approval, including payment of review fees at the Planning and Community Development Director's discretion." 4 (1) Subject: Text Box Show the external survey control points and ties. Page Label: 4 Date: 8/9/2018 11:09:46 AM Author: dsdrice Color: 6 (1) Subject: Cloud+ Vertical curve required. Ref. ECM 2.3.4.E Page Label: 6 Date: 8/9/2018 11:18:00 AM Author: dsdrice Color: 11 (1) Subject: Cloud+ BALLONA DR & MUMFORD DR Can you get this K to >11.1? Page Label: 11 Date: 8/9/2018 11:25:59 AM Author: dsdrice Color: 15 (1) Subject: Callout Label clearances above and below Page Label: 15

## Drainage Report V\_1.pdf Markup Summary

Date: 8/9/2018 4:02:52 PM

Author: dsdrice Color:

1 (1) Subject: Cloud+ 019/EGP-18-002 Page Label: 1 Date: 8/9/2018 12:37:15 PM Author: dsdrice Color: 4 (4) ПE Subject: Highlight Page Label: 4 ny Date: 8/9/2018 12:47:46 PM Author: dsdrice <sup>5</sup>or Color: Subject: Cloud+ Doesn't make sense. Page Label: 4 Date: 8/9/2018 12:49:43 PM Author: dsdrice Color: Subject: Callout Add bridge over main stem JCC Page Label: 4 Date: 8/9/2018 3:10:47 PM Author: dsdrice Color: Subject: Cloud+ Revise Page Label: 4 Date: 8/9/2018 12:47:03 PM Author: dsdrice Color: 6 (2) Subject: Text Box Address overflow path and conveyance capacity. Page Label: 6 Date: 8/9/2018 2:53:09 PM Author: dsdrice Color: Subject: Callout Address LOMR approval necessary prior to Page Label: 6 recording final plat. Date: 8/9/2018 2:47:28 PM Author: dsdrice Color: 8 (2) Subject: Text Box Address interim and ultimate conditions. Page Label: 8

all development located east of Stravers Drive on Lamprey Drive. their is Lamprey Drive and to Design Point 8 to an easting Type HT and flow from this hasis in 1 Trite and 1 birth for the STRAVANE are re-

Subject: Text Box Page Label: 8

Date: 8/9/2018 2:57:55 PM

Author: dsdrice

Color:

9 (6)

Read CAS 20 Mark CAS or make all residential development located on Kash Dista. Rundl'is distributed excitament in consignate in Nami Dista to Dauge Paint G to a processed Type W belot in Kash Dista. The development has been this basin in 2 data, and 5 data for the ST 35 year storm event. See the appendix and the associate of residential development lended on Maninus and Tarted Drice. Rundl is received anothered in rankspaler in Washaa Drice to Design Point 12 for proposed Type W shell in lended Drice for province flow from this basis is 4 Gets and 12 of the for 12 VII par vision areas.

Page Label: 9

Date: 8/10/2018 9:47:18 AM

Author: dsdrice Color:

si development located on Nash and Wacissa Drive. Nash and Wacissa Drive to Design Point 12a to a propo

lash and Wacissa Brive. Runoff is Design Point 12a to a proposed Type 3.4cfs and 12.0cfs for the 5/100-year

Tarbell?

lash and Wacissa Drive. Runoff is

controls of residential development bouled on Nash and Worksa Dive ed in outligater in Nash and Nasksa Diver to Design Polst 12 at a pr is Diver. The demograf flow three this bear in 5 Soft and 12 Oct for the

Basis C1621

Seen C. 1627 consists of residential divertigated funded on Mash and Washan Disk
diverted substants in subspaller in Nash and Elizabas Disks to George Paint Datin a pr
"E nint in Nash Dote: The developed this form this basis in 3.24% and 7.16% for the STE
and The later accent by the defined consistency."

is 3.2cfs and 7.1cfs for the 5/100-year storm

10 (5)

tota of resistantial development broaded on Mariness and Turball Sirkes. Should be subligated in Mariness Street to Seagling Printed by the prospessed Tages All other followings from the beauty in a ASIA and of Holle for the Notice place share a season.

Subject: Callout

Subject: Callout Page Label: 9 Date: 8/10/2018 9:45:08 AM Author: dsdrice

Color:

Subject: Callout Page Label: 9

Date: 8/10/2018 9:43:52 AM Author: dsdrice

Color:

Subject: Cloud+ Page Label: 9 Date: 8/10/2018 9:42:53 AM

Author: dsdrice

Color:

Subject: Callout

Color:

Page Label: 9

Date: 8/9/2018 4:42:07 PM Author: dsdrice

Subject: Callout Page Label: 9 Date: 8/10/2018 9:45:53 AM

Author: dsdrice Color:

Subject: Callout Page Label: 10

Date: 8/10/2018 9:52:17 AM

Author: dsdrice Color:

Subject: Callout

Page Label: 10 Date: 8/10/2018 9:53:01 AM

Author: dsdrice Color:

south of Nash Dr.

Provide deviation request for WQCV

and DP13?

10-foot

Tarbell?

south of Clarion Dr.

10-foot

west in Clarion and Zealand then north

west in Ballona and Zealand then north

Subject: Callout 30-foot Page Label: 10 Date: 8/10/2018 9:50:49 AM Author: dsdrice Color: Subject: Callout 30-foot Page Label: 10 Date: 8/10/2018 9:57:50 AM Author: dsdrice Color: Subject: Cloud+ Ballona Page Label: 10 Date: 8/10/2018 9:57:19 AM Author: dsdrice Color: 11 (2) Subject: Callout describe outfall protection Page Label: 11 Date: 8/10/2018 10:36:34 AM Author: dsdrice Color: Subject: Cloud+ typo? Page Label: 11 Date: 8/10/2018 10:35:30 AM Author: dsdrice the north property line. A Color: 12 (2) Subject: Cloud+ east/east? Page Label: 12 Date: 8/10/2018 12:02:22 PM Author: dsdrice Color: Subject: Callout future Page Label: 12 Date: 8/10/2018 10:49:37 AM Author: dsdrice Color: 13 (2) Subject: Cloud+ SE? Page Label: 13 Date: 8/10/2018 11:12:58 AM Author: dsdrice Color: Subject: Highlight Page Label: 13 Date: 8/10/2018 10:44:27 AM Author: dsdrice Color:

16 (1) 20 (1)

Subject: Cloud+ Page Label: 16

Date: 8/10/2018 10:42:01 AM

Author: dsdrice Color:

Subject: Callout Page Label: 20

Date: 8/9/2018 5:08:53 PM

Author: dsdrice Color:

24 (1)

Subject: Text Box Page Label: 24

Date: 8/9/2018 3:14:12 PM

Author: dsdrice Color:

Are there any covenants regarding lot maintenance, impervious coverage limits...?

25 (1)

Subject: Callout Page Label: 25

Date: 8/10/2018 10:38:10 AM

Author: dsdrice

Color:

Address maintenance of channels and ponds by

the metro district

west?

constructed?

33 (1)



Subject: Text Box Page Label: 33

Date: 8/9/2018 4:07:01 PM

Author: dsdrice Color:

Provide LOMR map when available.

49 (1)



Subject: Highlight Page Label: 49

Date: 8/9/2018 4:13:47 PM

Author: dsdrice

Color:

Ignore

74 (1)



Subject: Text Box Page Label: 74

Date: 8/9/2018 4:33:58 PM

Author: dsdrice Color:

Provide Pond EX-3 calculations.

Provide headwater/capacity modeling calculations

for DP3.

110 (10)



Subject: Cloud+ Page Label: 110

Date: 8/8/2018 12:33:30 PM

Author: dsdrice Color:

Label each slope separately.





Subject: Length Measurement

Page Label: 110

Date: 8/8/2018 12:32:51 PM

Author: dsdrice Color:

VERSION SWALE 2.5 deep, 1% slope, 3:1 sides

Subject: Text Box Page Label: 110

**Date:** 8/8/2018 12:26:31 PM

Author: dsdrice

Color:

30'-7"

TRM



Subject: Pen Page Label: 111

Date: 8/9/2018 2:48:57 PM

Author: dsdrice Color:

Subject: Callout Page Label: 111

Date: 8/9/2018 2:54:39 PM

Author: dsdrice Color:

Subject: Callout Page Label: 111

Date: 8/10/2018 10:53:18 AM

Author: dsdrice

Color:



Subject: Callout Page Label: 111

Date: 8/9/2018 2:49:12 PM

Author: dsdrice

Color:

Private IP Amy Anthreis distances

Subject: Callout Page Label: 111

Date: 8/8/2018 2:16:52 PM

Author: dsdrice

Color:

Show necessary easements.

show and label ponding elevation

Provide DP here. Address downstream

stabilization.

Flow path?



Subject: Callout Page Label: 111

Date: 8/9/2018 2:51:11 PM

Author: dsdrice

Color:

Show and label outlet structure/pipe and ponding

elevations on both sides

## FAE V\_1.pdf Markup Summary

1 (4)

Introduction with the control of the

Subject: Engineer Page Label: 1

Date: 8/8/2018 5:46:33 PM

Author: dsdnijkamp

Color:

temp seeding should cover all remaining acreage that is not in the permanent seeding for the entire

site disturbance area.

ewed for EGP only.

Subject: Text Box Page Label: 1

Date: 8/9/2018 1:52:27 PM

Author: dsdrice Color:

Note: this FAE reviewed for EGP only.

lities

Subject: Highlight Page Label: 1

Date: 8/9/2018 1:52:36 PM

Author: dsdrice Color:

Subject: Cloud+ Page Label: 1

Date: 8/9/2018 2:12:34 PM

Author: dsdrice Color:

Additional TSBs required?

ECOLOR STATE OF THE PROPERTY O

3 (1)



Subject: Callout Page Label: 3

Date: 8/9/2018 2:24:28 PM

Author: dsdrice Color:

Add standpipes w/trash racks

### GEC Plan V\_1.pdf Markup Summary

Page Label: 4

Color:

**Date:** 8/8/2018 5:31:56 PM **Author:** dsdnijkamp

1 (2) Subject: Cloud+ 019 Page Label: 1 JD-16-003 Date: 8/8/2018 12:13:13 PM -18 00x Author: dsdrice Color: Subject: Engineer Please add EGP 18-002 Page Label: 1 Date: 8/8/2018 7:28:06 AM Author: dsdnijkamp SP/PUD-16-0 Color:  $\frac{1}{2}$  (2) Subject: Engineer please add notes for the following items: THE LIMITS OF CONSTRUCTION SHALL REMAIN METHON THE PRI-ORDER/CENEL/OPER SHALL ORDERS MINITED PERMISSION AND ADJOINED PROPERTY CHROSCOP PROPE TO JUST OFF-SITE DIS Page Label: 2 -percent vegetative cover that represents the Date: 8/8/2018 4:59:29 PM current situation Author: dsdnijkamp -that there is no current structures (or show if there Color: are any) -that there is no current utilities and utility easements (or show if there are any) Subject: Engineer Please change to PCD, typ all locations. Page Label: 2 Date: 8/8/2018 8:50:19 AM Author: dsdnijkamp Color: 4 (6) Subject: Engineer Please proved protection in the road sections, Page Label: 4 typical all. Date: 8/8/2018 4:52:11 PM Author: dsdnijkamp Color: ■ Subject: Engineer VTC should be shown on the exiting side of the Page Label: 4 driveway please. typ all. Date: 8/8/2018 4:58:24 PM Author: dsdnijkamp Color: Subject: Engineer Please provide existing contours. Page Label: 4 Please show concrete wash out and provide Date: 8/8/2018 5:31:26 PM Author: dsdnijkamp Color: Subject: Engineer Please call out in legend, details and FAE.



Subject: Engineer Page Label: 4

Date: 8/8/2018 8:57:57 AM

Author: dsdnijkamp

Color: ■

Please also provide the limits of disturbance (the difference could be a staging area that lies outside one and within the other). If these are the same, please add "disturbance" to this limits of

construction.



Subject: Text Box Page Label: 4

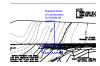
Date: 8/9/2018 9:06:19 AM

Author: dsdrice

Color:

Where are TSBs?

5 (7)



Subject: Cloud+ Page Label: 5

Date: 8/10/2018 9:10:15 AM

Author: dsdrice

Color:

Expand limits of construction to include all grading.

Subject: Callout Page Label: 5

Date: 8/8/2018 12:17:16 PM

Author: dsdrice

Color:

Label maintenance access road.

Subject: Callout Page Label: 5

Date: 8/8/2018 12:23:26 PM

Author: dsdrice

Color:

What is channel grade? Label TRM.

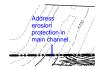
Subject: Engineer Page Label: 5

Date: 8/8/2018 5:00:12 PM

Author: dsdnijkamp

Color:

please call out what this is?



Subject: Cloud+ Page Label: 5

Date: 8/9/2018 10:31:11 AM

Author: dsdrice

Color:

Address erosion protection in main channel.



Subject: Callout Page Label: 5

Date: 8/9/2018 9:12:26 AM

Author: dsdrice

Color:

Label slope.



Subject: Engineer Page Label: 5

Date: 8/9/2018 9:31:16 AM Author: dsdnijkamp

Color:

Please add flow arrows, typ all open areas.



Subject: Callout Page Label: 6

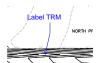
Date: 8/10/2018 12:01:21 PM

Author: dsdrice

Color:

Provide a clearly defined berm or swale to keep sub-basin flows separate (contours show a road

that doesn't exist).



Subject: Callout Page Label: 6

Date: 8/8/2018 12:22:43 PM

Author: dsdrice

Color:





Subject: Callout Page Label: 6

Date: 8/8/2018 2:24:15 PM

Author: dsdrice

Color:

Include the entire flow path for flows from here.



Subject: Engineer Page Label: 6

Date: 8/8/2018 5:14:15 PM

Author: dsdnijkamp

Color:

Please call out who owns this parcel and all adjacent parcels. please clarify if you are installing

the checks shown on this parcel.

if owned by someone other than this developer. permission to grade on others property will be





Subject: Engineer Page Label: 6

Date: 8/8/2018 5:18:35 PM Author: dsdnijkamp

this pipe should be included in the limits of disturbance. Also, how will you access this area. This access should be shown within the limits of "construction site boundaries"

Ditch checks or other BMPs are required



Subject: Callout Page Label: 6

Date: 8/9/2018 10:14:56 AM

Author: dsdrice

Color:



6.5%?

Subject: Text Box Page Label: 6

Date: 8/9/2018 10:29:54 AM

Author: dsdrice

Label each slope through the channel and provide appropriate protection.

Color:

Subject: Cloud+ Page Label: 6

Date: 8/9/2018 10:30:17 AM

Author: dsdrice

Color:

6.5%?

## SWMP V\_1.pdf Markup Summary

1 (1) Subject: Engineer Please add EGP 18-002 Page Label: 1 Date: 8/8/2018 5:03:30 PM Author: dsdnijkamp Color: 4 (1) Subject: Engineer Please add EPC file number Page Label: 4 Date: 8/8/2018 5:05:36 PM Author: dsdnijkamp Color: 6(2)Subject: Engineer Please provide the approximate percent of Page Label: 6 vegetative cover. Date: 8/8/2018 5:21:24 PM Author: dsdnijkamp Color: snown on Exhibit 1. Subject: Engineer Please add removal of construction BMP's. Page Label: 6 Date: 8/8/2018 5:22:40 PM Author: dsdnijkamp Color: 8 (1) Subject: Engineer Please call out project number for approved GEC Page Label: 8 plan for this work. Date: 8/9/2018 9:30:37 AM Author: dsdnijkamp Color: 18 (2) Subject: Engineer that sheet is the first page of this document??? Page Label: 18 Please provide procedures for revisions to the Date: 8/8/2018 5:40:15 PM SWMP. Author: dsdnijkamp Color: ir correcting problems when the he log and devise a solution uti-correct the problem as soon as Subject: Engineer report Page Label: 18 port to be used for the site is a Date: 8/8/2018 5:43:32 PM Author: dsdnijkamp e(s) or Position(s): SWMP plan will be: Jeff Mark Color: