ENG-SF21026-R3-FDR.pdf Markup Summary

5 (7) Subject: Text Box Existing condition calculations need to be updated Page Index: 5 based on current criteria. See redlines in appendix. Date: 12/27/2021 11:43:22 AM Author: CDurham Table of updated existing conditions table Color: added to report appendix for comparison Layer: Space: Page Label: 5 Subject: Callout monal M torm recurrent Newer version of spreadsheet Page Index: 5 Date: 12/27/2021 11:43:40 AM No discernable Author: CDurham site A-group Color: difference between Laver: current v.03 and v.04 Space: Page Label: 5 Subject: Callout Inlet design spreadsheet was not included in Page Index: 5 appendix for any of the inlets. Please add. Date: 12/27/2021 11:44:19 AM Author: CDurham Color: DCM charts were used Layer: instead - paragraph Space: updated in report Page Label: 5 Subject: Highlight Rational Method Runoff Summary (Q5=20.0 cfs and Q100=41.6 cfs Page Index: 5 s and offsite Basins D-13, D-14, D-15, CT and Date: 12/27/2021 11:44:34 AM Text updated to match Author: CDurham Color: table Layer: Space: Page Label: 5 Subject: Callout Flows don't match table on next page. Page Index: 5 Date: 12/27/2021 11:44:58 AM Author: CDurham Text updated to match Color: 📘 table Layer: Space: Page Label: 5 Subject: Text Box jineers & and will connect to the existing inlet at DP A. lows and Page Index: 5 and will connect to the existing Date: 12/27/2021 11:46:18 AM to the existing inlet at DP A. Text updated Author: CDurham Color: Layer: Space: Page Label: 5

Subject: Page Index: 5 Date: 12/29/2021 9:34:32 AM Author: dsdrice Color: Layer: Space: Page Label: 5 6 (2) Subject: Cloud+ Provide detained flows Page Index: 6 Date: 12/15/2021 8:32:57 AM These are the detained flows. Author: CDurham Color: J1 = Detained pond + D16 +C3 Laver: Space: + C4+ EXR+ NC2 Page Label: 6
 C4
 L79
 21
 69

 C5
 0.11
 0.1
 0.5

Subject: Text Box Tables not verified with this review. Page Index: 6 Date: 12/27/2021 11:47:10 AM Author: CDurham Color: Layer: Space: Page Label: 6 7 (10) mere subaivision, resulting Subject: Callout A Basin A and Basin D15 w the piped flows from existing theast via 36" RCP storm w for flows to be directed Basin A1 Page Index: 7 Date: 12/27/2021 11:47:44 AM Text updated Author: CDurham Basin A1 oposed 10' Type R at-grade Color: Layer: Space: Page Label: 7 Subject: Highlight (DPA Q5=21.0 cfs and Q100=44.9 Page Index: 7 Date: 12/27/2021 11:47:56 AM Author: CDurham e inlet in Basin A2. The flows leave this Color: Layer: Space: Page Label: 7 Subject: Callout Flows different from previous page Page Index: 7 Date: 12/27/2021 11:48:16 AM Author: CDurham Text updated Color: Layer: Space: Page Label: 7

resulting in the need to adjust the exit in D15 will be captured in their entity on existing DYLR $Q_{s}=210$ bct and 2^{-2} atom server, An emergency over directed to the hym. and easilin the in Anticipes Ridge Drive adgrade their Basin A2. The flows words DP-C. This design point capt. 42 are $Q_{c}=8.8$ cfs and $Q_{sw}=19.4$ cfs.	Subject: Callout Page Index: 7 Date: 12/27/2021 11:48:42 AM Author: CDurham Color: Layer: Space: Page Label: 7	in Antelope Ridge Drive Text updated
Point says inter to be models? Private discourse the second second second the second second second second the second second second second DP7 (des/beged accord) and accord into the Winderme access into the Winderme the flows generated by B	Subject: Callout Page Index: 7 Date: 12/27/2021 11:49:14 AM Author: CDurham Color: Layer: Space: Page Label: 7	Plan says inlet is to be modified. Please discuss Inlet no longer needs to be modified. Label updated on plan
spectra to be a set of the DS of the spectra to the spectra to the spectra to the DS of the Spectra to the Spec	Subject: Callout Page Index: 7 Date: 12/27/2021 11:50:16 AM Author: CDurham Color: Layer: Space: Page Label: 7	From inlet capacity spreadsheet in appendix, double type R inlet can handle 19.4 cfs. This inlet captures flowby from upstream. Inlet summary sheet added to appendix to clarify.
The scale travests DP-C. This design in the scale travest travest is the scale of	Subject: Highlight Page Index: 7 Date: 12/27/2021 11:50:26 AM Author: CDurham Color: Layer: Space: Page Label: 7	Q5=5.2 cfs and Q100=11.2 cfs
Shi and an employed in the set of	Subject: Callout Page Index: 7 Date: 12/27/2021 1:18:51 PM Author: CDurham Color: Layer: Space: Page Label: 7	For all at-grade inlets, discuss how much of flow is intercepted and how much is flow-by. Text updated Text updated
hype & of grade riset in Boan A4. The flows leave onemped to the contribution towards a parameter of the second second second second second second hype of a down reached data grade more than the flow of the second data data and the contract half to a default for an and the second second second second second second second second second second second second second second second second s	Subject: Callout Page Index: 7 Date: 12/27/2021 1:19:30 PM Author: CDurham Color: Layer: Space: Page Label: 7	Why is this inlet so large? This inlet captures flowby from upstream. Inlet summary sheet added to appendix to clarify.

The combined flows of DP-F1 are Qu-38.2 c DP-C & located of a proposed of space 5 to port catalogues of the top of the top of the top of the property of the flow from basin A/ The intel was meaning on the intel capacity chait in appendix.	Subject: Text Box Page Index: 7 Date: 12/27/2021 1:20:35 PM Author: CDurham Color: Layer: Space: Page Label: 7	This inlet was missing on the inlet capacity chart in appendix.
		Inlet labels don't all match design points. Inlet capacity charts updated, and inlet labels added to drainage maps for clarity.
8 (2)		
The links was missing on the links capacity (that is appendix. 1 digradia (1) was a private bank. Also Bio was 10 dia (1) banks and Birks (1) bank and Birks was 10 dia (1) bank and bank and bank and bank bank and bank and bank and bank and bank and bank bank and bank and bank and bank and bank and bank bank and bank and bank and bank and bank and bank and bank bank and bank and bank and bank and bank and bank and bank bank and bank and bank and bank and bank and bank and bank bank and bank and ba	Subject: Text Box Page Index: 8 Date: 12/27/2021 1:20:44 PM Author: CDurham Color: Layer: Space: Page Label: 8	This inlet was missing on the inlet capacity chart in appendix. Inlet labels don't all match design points. Inlet capacity charts updated, and inlet labels added to drainage maps for clarity.
11 and DPJ. The contributed flows of DPJ. are Q appear sump 10 flow 6 hield of the low port on the monitorial dPJ. The Room that any port on the monitorial dPJ. The Room that any port of the possibility of the low port of the low to the possibility of the low port of the low to the possibility of the low port of the low to the the contributed flow 10 dPJ. and blue the dPJ possibility of the low point of the low point of the low the low the low the low the beam that the low 20° flow in pipe and are con- tributed flow 10° f	Subject: Text Box Page Index: 8 Date: 12/27/2021 1:21:52 PM Author: CDurham Color: Layer: Space: Page Label: 8	This inlet is shown on at-grade not sump inlet chart. Please update. Inlet labels don't all match design points. Inlet capacity charts updated, and inlet labels added to drainage maps for clarity.
9 (6)		
neth (10' West, 5' Earl) just south of the . The flow leave the estably yield via o provide the source of the source of the source of the source of the leave of DPA one source of the leave of DPA one source of the source of the source of the the cost lowed water them as the source of the source of the source of the source of the source of the source of the the cost lowed water the source of the source of the the cost lowed water the source of the source of the the cost lowed water the source of the lowed water the the cost lowed water the source of the lowed water the source of the lowed water the source of the lowed water the source of the lowed water the lowed water the lowed water the source of the lowed water the lowed water the lowed water the source of the lowed water the lowed water the lowed water the source of the lowed water the lowed water the lowed water the source of the lowed water the lowed water the lowed water the lowed water the source of the lowed water the lowe	Subject: Callout Page Index: 9 Date: 12/27/2021 1:22:36 PM Author: CDurham Color: Layer: Space: Page Label: 9	Include what flow is for each of these basins.
IS (DP24). The combined (underlaned) flows b. The release rates for Front 1 are Q=1.8 vs that are copluted by the life (b) of the temperature These release not shown in the temperature of the on-tell charts in appendix	Subject: Text Box Page Index: 9 Date: 12/27/2021 1:23:16 PM Author: CDurham Color: Layer: Space: Page Label: 9	These inlets were not shown on inlet charts in appendix. Inlet labels don't all match design points. Inlet capacity charts updated, and inlet labels added to drainage maps for clarity.
It rowards the proposed determinant robustly # flows from Earlier B1 and B2. The flows # 8, to be developed at a future stope to woredraft to the east (bowdraft he stop B3 are 0p-120 cft and 0p-455 cft.) The back of lath 772.75 flows generated be captived by a 2% concrete swde - the backter of the stope. These flows are di 1 actily.	Subject: Highlight Page Index: 9 Date: 12/27/2021 1:23:28 PM Author: CDurham Color: Layer: Space: Page Label: 9	Q5=12.0 cfs and Q100=26.5 cfs

82. HE KNR GLOND LED future stoge by replot. This words the south detertion where the south detertion where exceed out on the output where exceed output in the concrete avide doing the too been flows are detected to the sitily. Rows generated by this	Subject: Callout Page Index: 9 Date: 12/27/2021 1:23:45 PM Author: CDurham Color: Layer: Space: Page Label: 9	Flows don't match plan Text updated
isi <mark>n B4.</mark> ws are	Subject: Highlight Page Index: 9 Date: 12/27/2021 1:23:58 PM Author: CDurham Color: Layer: Space: Page Label: 9	В4
B5?	Subject: Text Box Page Index: 9 Date: 12/27/2021 1:24:17 PM Author: CDurham Color: Layer: Space: Page Label: 9	B5? Text updated
10 (3)		
4" CMP culvert crossing at M ins C1 & C2, detained flows reli fisite flows from MDPD Pp-1X. Th 2.4 cfs, a partian of which were the MDP flows can be four by Classic Consulting Engineers	Subject: Page Index: 10 Date: 12/29/2021 10:05:49 AM Author: dsdrice Color: Layer: Space: Page Label: 10	s, a portion of which
<text><text><text><text></text></text></text></text>	Subject: Callout Page Index: 10 Date: 12/29/2021 10:06:16 AM Author: dsdrice Color: Layer: Space: Page Label: 10	If used, SCS needs to be the whole basin These flows were used to compare MDDP rates. Sentence removed from report.
 An and a strain of the strain o	Subject: Callout Page Index: 10 Date: 12/29/2021 10:07:45 AM Author: dsdrice Color: Layer: Space: Page Label: 10	Compare to the MDDP flows here.

11 (6)

Need analysis check of the existing loter with current floor. existing area rive in Boain C3. The flows lee that connects to the existing storm system lows to the south. This design point reflects 1 a released by the south detention facility, o	Subject: Callout Page Index: 11 Date: 12/27/2021 1:25:24 PM Author: CDurham Color: Layer: Space: Page Label: 11	Need analysis check of this existing inlet with current flows. Flows reaching this inlet overland are less than in the historic condition.
In N. Carefree Cir., he flows from Basins fishe Basin ER, and $w^{=36.6}$ cfs: List basin flows sin NC2, these flows intersection with N. Impipe to the east, le at existing design	Subject: Callout Page Index: 11 Date: 12/27/2021 1:25:46 PM Author: CDurham Color: Layer: Space: Page Label: 11	List basin flows Text updated
 p by the existing 13 inple oad. The flows then leave nverging with the flows fix List flows P-JI via an existing 24" st g DP-20 in offsite Basin NC e ultimately traveling to t 	Subject: Callout Page Index: 11 Date: 12/27/2021 1:26:03 PM Author: CDurham Color: Layer: Space: Page Label: 11	List flows Text updated
<text><text><text><text><text><text></text></text></text></text></text></text>	Subject: Text Box Page Index: 11 Date: 12/27/2021 1:27:30 PM Author: CDurham Color: Layer: Space: Page Label: 11	Include discussion on proposed storm sewer design & impact to existing systems (current design flow vs previous design flow) Discussion of existing storm system is included in the preliminary report referenced and included in the appendix.
<text><text><text><text></text></text></text></text>	Subject: Text Box Page Index: 11 Date: 12/27/2021 1:28:30 PM Author: CDurham Color: Layer: Space: Page Label: 11	Include statement that ponds will be designed to full spctrum detention criteria Text updated
silvery stoge is 124 core-inet. Construed values of the two fre-pool all be divided graportionally. The flow in the concerned tables, former all in the flower to the micespool. The the flower to the micespool. The divided graph of the storage structure to storage of the storage structure to storage of the storage structure to storage of the storage structure to a	Subject: Callout Page Index: 11 Date: 12/27/2021 1:29:19 PM Author: CDurham Color: Layer: Space: Page Label: 11	Each forebay should be designed per area directed to it. WQCV calculated for each tributary area and volume confirmed as adequate

12 (3)		
*** can be observed and the sample determination of the	Subject: Text Box Page Index: 12 Date: 12/27/2021 1:41:03 PM Author: CDurham Color: Layer: Space: Page Label: 12	Include calculation in appendix for sizing riprap in spillway. See Ch 13 Eqn 13-9 in City DCM Riprap sizing chart added to appendix
s flows from the 'B' basins. With from of portal presented in the report. 	Subject: Callout Page Index: 12 Date: 12/27/2021 1:41:42 PM Author: CDurham Color: Layer: Space: Page Label: 12	Appendix shows 58.8%. Pond spreadsheet updated to reflect 68%
Network the Rover of a rest-code Rove rate with the use of a restructure exception of the sector of the sector of the sector rules are considered to be setting constrained a water to the sector of the sector of the sector of the sector of the sector of the sector of the sector of the sector of the sector of the sector of the sector of the constraints are setting to the sector of the sector of the constraints are sector of the sector of the sector of the constraints are setting to the sector of the sector of the constraints are setting to the sector of the sector of the constraints are setting to the sector of the sector of the constraints are setting to the sector of the sector of the constraints are setting to the sector of the sector of the proposed in the cognition.	Subject: Text Box Page Index: 12 Date: 12/27/2021 1:48:50 PM Author: CDurham Color: Layer: Space: Page Label: 12	How do these release rates compare to those in the previous report by Classic?
13 (1)		
Update table per spreadsheet	Subject: Text Box Page Index: 13 Date: 12/27/2021 1:42:09 PM Author: CDurham Color: Layer: Space: Page Label: 13	Update table per spreadsheet Table updated
14 (2)		
International Action of the Ac	Subject: Text Box Page Index: 14 Date: 12/27/2021 1:43:04 PM Author: CDurham Color: Layer: Space: Page Label: 14	Include discussion on design of proposed swales and analysis of existing ditches (velocities, depths, freeboard, etc) Marksheffel ditch is existing and not being modified by this grading (other than minor redefining after sediment build up. Flows meet historic rates so no additional impact is anticipated. No further analysis has been completed.
setup sing hidde: flow rates from both slipp stadiation to the north, the stadiation of the north, the stadiation of the stadiation when the stadiation when the stadiation stadiation of the stadiation of the stadiation stadiation of the stadiation of the stadiation of the stadiation stadiation of the stadiation of the sta	Subject: Callout Page Index: 14 Date: 12/27/2021 1:43:47 PM Author: CDurham Color: Layer: Space: Page Label: 14	What happens at Marksheffel (overtop road, inundates channel, etc) Further discussion added

15 (1)		
Endentiments should be co the EP too Courty Engler Calieto Manua, He EP too gestechnical report recome include section on Maintenance	Subject: Text Box Page Index: 15 Date: 12/27/2021 1:44:09 PM Author: CDurham Color: Layer: Space: Page Label: 15	Include section on Maintenance Maintenance section added to report
16 (9)		
Include cost estimate 10.0 DRAINAGE/BRIDGE FEES The project lies within the Sand C payment of drainage/bridge fee	Subject: Text Box Page Index: 16 Date: 12/27/2021 1:44:28 PM Author: CDurham Color: Layer: Space: Page Label: 16	Include cost estimate Added
sculated as follows: solution and apple Trable 3-1, periform 53/57 cores	Subject: Callout Page Index: 16 Date: 12/29/2021 12:02:50 PM Author: dsdrice Color: Layer: Space: Page Label: 16	seems high - per App. L Table 3-1, 53%? Revised per table listed above
ACLENDOL FIES Westign that sing closes broken such a production accessibility before and explained prior to recording of 1 and a constrained prior to record to the constrained accessibility of the subschleiden is calculated as balance accessibility accessibility of the subschleiden is calculated as balance accessibility of the subschleiden is calculated as b	Subject: Callout Page Index: 16 Date: 12/29/2021 12:04:31 PM Author: dsdrice Color: Layer: Space: Page Label: 16	\$20,387 Revised per table listed above
UNACQUECTERS Class which is for Class backing have used as the Class of Cost Diverge back in terms or bitman (Class Class Diverge back in terms or bitman (Class Diverge back in the Class Diverge back (Class Diverge back in the Class Diverge back in the Class Diverge back (Class Diverge back in the Class Diverg back in the Class Diverge back in the	Subject: Callout Page Index: 16 Date: 12/29/2021 12:04:53 PM Author: dsdrice Color: Layer: Space: Page Label: 16	\$8,339 Revised per table listed above
cres of 44.6% impervious = 23.23 impen re, the following fees are due: cres x \$18.841.00 = \$437.644.80 drainc cres x \$3.33.00 = \$193.701.86 bridge is considered or on crees groce fract priment of fract 8 will require a replat a proposed impervious acreage.	Subject: Page Index: 16 Date: 12/29/2021 12:06:10 PM Author: dsdrice Color: Layer: Space: Page Label: 16	\$18,841.00 = \$437,646.80 Revised per table listed above

cres of 44.6% impervious = 23.23 impen yre, the following fees are due: cress x 318.841.00 = \$437.644.80 draine cress x 38.841.00 = \$437.644.80 draine cress x 38.841.00 = \$437.644.80 draine cress x 38.841.00 = \$437.644.80 draine tress x 38.841.00 draine tress x 38.841.	Subject: Page Index: 16 Date: 12/29/2021 12:06:13 PM Author: dsdrice Color: Layer: Space: Page Label: 16 Subject: Page Index: 16	\$8,339.00 = \$193.701.86 Revised per table listed above 23.23
<mark>23.23</mark> ac 23.23 ac	Date: 12/29/2021 12:06:18 PM Author: dsdrice Color: Layer: Space: Page Label: 16	Revised per table listed above
23.23 ac 23.23 ac	Subject: Page Index: 16 Date: 12/29/2021 12:06:21 PM Author: dsdrice Color: Layer: Space: Page Label: 16	23.23 Revised per table listed above
The percent impervious to the subdivion is 12-1 across which is addivion in the 12-2 across which is addivion in the 12-2 across which is a subdivion	Subject: Page Index: 16 Date: 12/29/2021 12:06:26 PM Author: dsdrice Color: Layer: Space: Page Label: 16	52.07 acres at 44.6% impervious = 23.23 Revised per table listed above
63 (2)		
	Subject: Cloud+ Page Index: 63 Date: 12/27/2021 1:45:55 PM Author: CDurham Color: Layer: Space: Page Label: 63	These values should be 0.09 & 0.36 per new criteria Existing condition comparison table added to appendix
	Subject: Cloud+ Page Index: 63 Date: 12/27/2021 1:46:52 PM Author: CDurham Color: Layer: Space: Page Label: 63	100-Yr C should not be lower than 5-yr Existing condition comparison table added to appendix. Error in c-values fixed.

147 (1)		
IMPER/ Need to include 0 Basins CT & WS 55 to be accounted 100 for in overall 65% imperviousness 0 to North Pond 65 to	Subject: Text Box Page Index: 147 Date: 12/27/2021 1:53:38 PM Author: CDurham Color: Layer: Space: Page Label: 147	Need to include Basins CT & WS to be accounted for in overall imperviousness to North Pond Offsite basins already included in calcs - table added to report for clarity
152 (1)		
	Subject: Cloud+ Page Index: 152 Date: 12/27/2021 1:55:04 PM Author: CDurham Color: Layer: Space: Page Label: 152	DP Table on Drainage plan shows area as 434.39 acres. DP table updated
153 (5)		
Missing Basins CT, EX-R, D-16 & WS and Design Points 4 & 24.	Subject: Text Box Page Index: 153 Date: 12/27/2021 1:56:16 PM Author: CDurham Color: Layer: Space: Page Label: 153	Missing Basins CT, EX-R, D-16 & WS and Design Points 4 & 24. DP table updated
<mark>10.3</mark> 6.3	Subject: Highlight Page Index: 153 Date: 12/27/2021 1:56:26 PM Author: CDurham Color: Layer: Space: Page Label: 153	10.3
10.3 6.3 15.9	Subject: Highlight Page Index: 153 Date: 12/27/2021 1:56:28 PM Author: CDurham Color: Layer: Space: Page Label: 153	6.3
8.8 5.2 29.5	Subject: Highlight Page Index: 153 Date: 12/27/2021 1:56:33 PM Author: CDurham Color: Layer: Space: Page Label: 153	5.2

	Subject: Cloud+ Page Index: 153 Date: 12/27/2021 1:57:17 PM Author: CDurham Color: Layer: Space: Page Label: 153	Missing information Table updated
154 (4)		
22.6 13.2	Subject: Highlight Page Index: 154 Date: 12/27/2021 1:56:50 PM Author: CDurham Color: Layer: Space: Page Label: 154	22.6
22.6 13.2 34.2	Subject: Highlight Page Index: 154 Date: 12/27/2021 1:56:52 PM Author: CDurham Color: Layer: Space: Page Label: 154	13.2
34.2 9.1 7.1	Subject: Highlight Page Index: 154 Date: 12/27/2021 1:56:56 PM Author: CDurham Color: Layer: Space: Page Label: 154	9.1
19.4 11.2 63.5	Subject: Highlight Page Index: 154 Date: 12/27/2021 1:56:59 PM Author: CDurham Color: Layer: Space: Page Label: 154	11.2
155 (1)		

Full review not performed on storm system& inlet sizing due to possible changes in flows with edits to "C-values in hydrology calculations. Review will correleted at next submittal. Subject: Text Box Page Index: 155 Date: 12/21/2021 2:57:31 PM Author: CDurham Color: Layer: Space: Page Label: 155

Full review not performed on storm system& inlet sizing due to possible changes in flows with edits to "C-values" in hydrology calculations. Review will completed at next submittal.

No changes to flows

205 (1)



Freeday Per CD's appear to be short of required volume. To appear to appear to comment work south appear to comment work work work work work work work work	Subject: Callout Page Index: 220 Date: 12/27/2021 2:41:55 PM Author: CDurham Color: Layer: Space: Page Label: 220	Per CD's appear to be short of required volume. See updated WQCV calculations
221 (21)		
include angle overall map with beams & grading	Subject: Text Box Page Index: 221 Date: 12/21/2021 3:28:21 PM Author: CDurham Color: Layer: Space: Page Label: 221	Include single overall map with basins & grading Overall map added
Contour labels	Subject: Text Box Page Index: 221 Date: 12/21/2021 3:28:35 PM Author: CDurham Color: Layer: Space: Page Label: 221	Contour labels Labels added
Al store infrastructure energie to be labeled as public or private.	Subject: Text Box Page Index: 221 Date: 12/21/2021 3:36:12 PM Author: CDurham Color: Layer: Space: Page Label: 221	All storm infrastructure needs to be labeled as public or private.
COLORADO SPRINGS/EL PASO NYT. CHANNEL MAINTNANCE ALOUG WARKSHEFTER RD. Who has channel maintenance, county TB or metro district?	Subject: Text Box Page Index: 221 Date: 12/22/2021 1:16:22 PM Author: CDurham Color: Layer: Space: Page Label: 221	Who has channel maintenance, county or metro district? County or City, depends on current ownership
	Subject: Callout Page Index: 221 Date: 12/27/2021 9:11:47 AM Author: CDurham Color: Layer: Space: Page Label: 221	What is radius? Maintenance access needs to be within 25' of all forebays, outlets, etc.

	Subject: Callout Page Index: 221 Date: 12/27/2021 9:03:16 AM Author: CDurham Color: Layer: Space: Page Label: 221	Label wye Labels added
	Subject: Callout Page Index: 221 Date: 12/27/2021 9:03:24 AM Author: CDurham Color: Layer: Space: Page Label: 221	Label pipe size Labels added
	Subject: Callout Page Index: 221 Date: 12/27/2021 9:05:32 AM Author: CDurham Color: Layer: Space: Page Label: 221	Move basin label to see MH note Labels adjusted
Label Wets as sump or al-grade	Subject: Text Box Page Index: 221 Date: 12/27/2021 9:06:19 AM Author: CDurham Color: Layer: Space: Page Label: 221	Label inlets as sump or at-grade
Include match lines on all sherts	Subject: Text Box Page Index: 221 Date: 12/27/2021 9:07:02 AM Author: CDurham Color: Layer: Space: Page Label: 221	Include match lines on all sheets Labels added
	Subject: Callout Page Index: 221 Date: 12/27/2021 9:11:14 AM Author: CDurham Color: Layer: Space: Page Label: 221	Label pipe size Labels added

	Subject: Callout Page Index: 221 Date: 12/27/2021 9:11:44 AM Author: CDurham Color: Layer: Space: Page Label: 221	Label structure
Rep: Coord Tr. Terrer for the terrer terrer coords in the terrer coords in the terrer terr	Subject: Callout Page Index: 221 Date: 12/27/2021 9:25:11 AM Author: CDurham Color: Layer: Space: Page Label: 221	Move label to forebay location. How is access to this forebay being accomplished?
What are these?	Subject: Callout Page Index: 221 Date: 12/27/2021 9:13:27 AM Author: CDurham Color: Layer: Space: Page Label: 221	What are these? Removed
Label all existing storm infrastructure	Subject: Text Box Page Index: 221 Date: 12/27/2021 11:31:37 AM Author: CDurham Color: Layer: Space: Page Label: 221	Label all existing storm infrastructure Labels added
Development/Owners	Subject: Text Box Page Index: 221 Date: 12/27/2021 11:28:47 AM Author: CDurham Color: Layer: Space: Page Label: 221	Development/Owners Labels added
Development Owners D 1.36	Subject: Text Box Page Index: 221 Date: 12/27/2021 11:28:57 AM Author: CDurham Color: Layer: Space: Page Label: 221	Development/Owners Labels added

Labet high and low points	Subject: Text Box Page Index: 221 Date: 12/27/2021 11:31:50 AM Author: CDurham Color: Layer: Space: Page Label: 221	Label high and low points
LIS' MAINTENANCE LACCESS PER ECM 3.3.3.K	Subject: Engineer Page Index: 221 Date: 12/27/2021 1:27:17 PM Author: dotprete Color: Layer: Space: Page Label: 221	ECM section Label removed
MARTENNOS ZES PER RIPRAP BALINA This reference is for open hannels	Subject: Engineer Page Index: 221 Date: 12/27/2021 1:27:28 PM Author: dotprete Color: Layer: Space: Page Label: 221	This reference is for open channels. ECM section Label removed
	Subject: Callout Page Index: 221 Date: 12/29/2021 10:03:24 AM Author: dsdrice Color: Layer: Space: Page Label: 221	If there is a separate tract here now, label it. (Label all tracts)
222 (12)		
	Subject: Callout Page Index: 222 Date: 12/21/2021 12:32:03 PM Author: CDurham Color:	Does a more well-defined ditch need to be provided for the proposed >18 cfs runoff into this area? Provide analysis. This area is only receiving flow from

This area is only receiving flow from Basin C2 - and even then, only that small portion of Tract F. Flows are minimal and not expected to overrun ditch area.

It appears that hatching has been moved. please update.

Labels revised

Subject: Callout Page Index: 222 Date: 12/21/2021 12:31:44 PM Author: CDurham Color: Layer: Space: Page Label: 222

Color:

Page Label: 222

Layer: Space:

	Subject: Callout Page Index: 222 Date: 12/21/2021 12:32:48 PM Author: CDurham Color: Layer: Space: Page Label: 222	If Tract F is a runoff reduction Grass Buffer Strip, calculations and maintenance requirements need to be provided. Tract F will be landscaped, but will not officially be a grass buffer strip. Flows are minimal in this area.
	Subject: Callout Page Index: 222 Date: 12/21/2021 3:29:58 PM Author: CDurham Color: Layer: Space: Page Label: 222	Label ex inlet & pipe
12 Interfere Rice Storytemoved 2	Subject: Callout Page Index: 222 Date: 12/21/2021 3:38:14 PM Author: CDurham Color: Layer: Space: Page Label: 222	Label pipe size, material, etc - Stay/removed?
	Subject: Callout Page Index: 222 Date: 12/21/2021 3:37:33 PM Author: CDurham Color: Layer: Space: Page Label: 222	Can't read label Labels revised
	Subject: Callout Page Index: 222 Date: 12/21/2021 3:37:53 PM Author: CDurham Color: Layer: Space: Page Label: 222	Move arrow or text Labels revised
	Subject: Callout Page Index: 222 Date: 12/27/2021 8:51:23 AM Author: CDurham Color: Layer: Space: Page Label: 222	Label pipe size

Development/Owners	Subject: Text Box Page Index: 222 Date: 12/27/2021 11:29:11 AM Author: CDurham Color: Layer: Space: Page Label: 222	Development/Owners
show limits of wall and concrete swale 12's CONCRETE SWALE ALONG TOE OF SLOPE (LOT SIDE OF SOUND WAL	Subject: Engineer Page Index: 222 Date: 12/27/2021 1:03:21 PM Author: dotprete Color: Layer: Space: Page Label: 222	show limits of wall and concrete swale Note below comment indicates extents of wall
	Subject: Arrow Page Index: 222 Date: 12/29/2021 10:00:57 AM Author: dsdrice Color: Layer: Space: Page Label: 222	
	Subject: Arrow Page Index: 222 Date: 12/29/2021 10:00:57 AM Author: dsdrice Color: Layer: Space: Page Label: 222	
223 (4)		
RIPPA- SPILLWAY	Subject: Callout Page Index: 223 Date: 12/27/2021 9:34:57 AM Author: CDurham Color: Layer: Space:	Label pipe size



Subject: Callout Page Index: 223 Date: 12/27/2021 9:35:07 AM Author: CDurham Color: Layer: Space: Page Label: 223

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Page Label: 223

Label Structure

Labels added

Development/Owners	Subject: Text Box Page Index: 223 Date: 12/27/2021 11:29:21 AM Author: CDurham Color: Layer: Space: Page Label: 223 Subject: Text Box Page Index: 223 Date: 12/27/2021 11:29:28 AM	Development/Owners Labels added Development/Owners
\$ <u>1</u> 11({{}}{	Author: CDurham Color: Layer: Space: Page Label: 223	Labels added
224 (5)		
	Subject: Engineer Page Index: 224 Date: 12/27/2021 12:29:16 PM Author: dotprete Color: Layer: Space: Page Label: 224	The ECM allows for 20% of the site, up to 1 ac of the applicable development site area to not be captured. these two areas add up to over 1 acre. WQ will be required for areas over the 1 acre limit. Tract B is not being developed at this time - can't it be considered as a separate development area once it goes back through design and final plat?
	Subject: Engineer Page Index: 224 Date: 12/27/2021 12:29:11 PM Author: dotprete Color: Layer: Space: Page Label: 224	this area includes an outlet pipes, spillways, concrete wall, and concrete channel. It should not be considered "undeveloped" and therefore does not meet the WQ exclusion. Outlet pipes, spillways and concrete crest wall are all buried and will be revegetated. Much of the basin is the Marksheffel ditch and will remain undeveloped.
AND CONFIRMATION OF ORINACE DESIGN Contours, this entire basin would need to be shaded blue and would then be greater than 1ac, triggering the WQ requirement.	Subject: Engineer Page Index: 224 Date: 12/29/2021 9:56:38 AM Author: dotprete Color: Layer: Space: Page Label: 224	According to the proposed contours, this entire basin would need to be shaded blue and would then be greater than 1ac, triggering the WQ requirement. Can we condition this blue area that it must remain impervious, or at final design, be redirected to the detention pond for capture and treatment? The rest of this basin is to be landscaping and remain undeveloped (except for the future sidewalk along N. Carefree)
Shud ta 11007 6	Subject: Callout Page Index: 224 Date: 12/29/2021 9:56:34 AM Author: dsdrice Color: Layer: Space: Page Label: 224	Should be 1"=100'? updated



Subject: Area Measurement Page Index: 224 Date: 12/29/2021 9:57:44 AM Author: dsdrice Color: Layer: Space: Page Label: 224

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