Drainage Report
15435 East Chaparral Loop, Peyton, CO 80831

PREPARED FOR: Mike Cartmell

PREPARED BY: WaterVation, PLLC

DATE: August 22nd, 2022

PCD File No. VR-225

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Engineer's Statement

The attached drainage plan and report were prepared under my direction and supervision and are correct to the best of my knowledge and belief. Said drainage report has been prepared according to the criteria established by the County for drainage reports and said report is in conformity with the applicable master plan of the drainage basin. I accept responsibility for any liability caused by any negligent acts, errors or omissions on my part in preparing this report.

_____ 8/22/2022

[Name, P.E. #42636_____] Date

Developer's Statement

I, the owner/developer have read and will comply with all of the requirements specified in this drainage report and plan.

Mike Cartmell (Aug 22, 2022 13:56 MDT) Aug 22, 2022

Michael Cartmell, President Date
Maddie Investments, LLC
7702 Barnes Road #140-58
Colorado Springs, CO 80922

El Paso County

Filed in accordance with the requirements of the Drainage Criteria Manual, Volumes 1 and 2, El Paso County Engineering Criteria Manual and Land Development Code as amended.

APPROVED
Engineering Review

_____ _____

Joshua Palmer, P.E. Date
Interim County Engineer / ECM Administrator

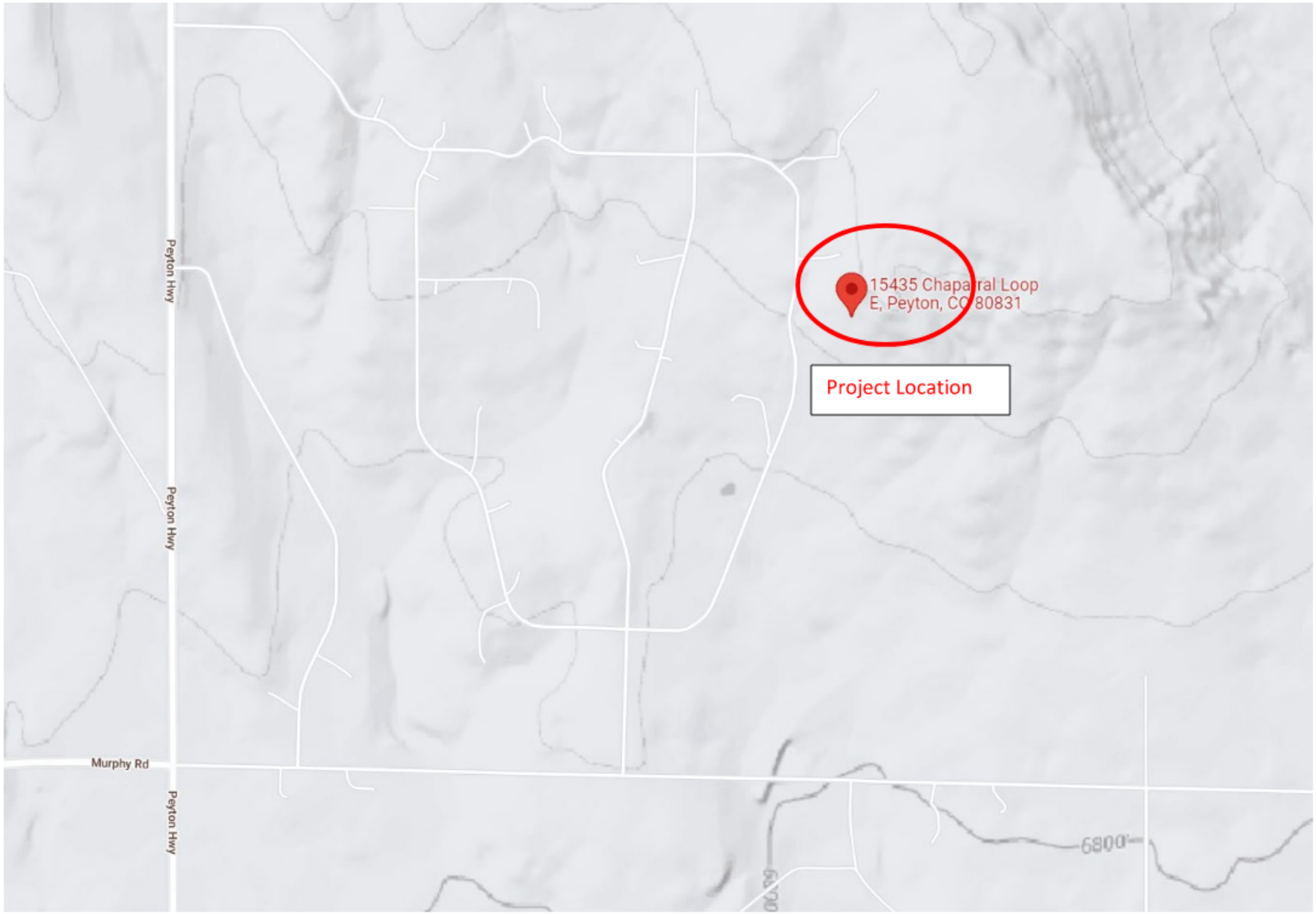
09/26/2022 11:00:22 AM
dsdrice
JeffRice@elpasoco.com
(719) 520-7877
EPC Planning & Community Development Department

Conditions:

Property Description

This Project is located approximately 0.75 miles to the northwest of the intersection of Murphy Road and Peyton Highway (Figure 1). The Project area is comprised of one 17.82-acre lot and is proposed to be subdivided into three lots.

Figure 1. Site Map



Purpose

The purpose of this drainage report is to evaluate existing and proposed drainage characteristics for the proposed subdivision of 15435 East Chaparral Loop, Peyton, CO 80831 (Project). This report was prepared on September 24th, 2021.

Drainage Fee

There are no fees associated with the Upper Bracket Creek basin therefore drainage fees do not apply to this project.

Drainage Basin Characteristics

The existing and proposed lot slopes to the south and southwest at slopes ranging from 0.01 ft/ft to 0.015 ft/ft. The Project area was delineated into size drainage basins and two different design points. Existing impervious area was delineated using aerial imagery flown in July 2021.

The Natural Resources Conservation Service (NRCS) Web Soil Survey was referenced to identify hydrologic soil groups within the Project area. The Project area is comprised of Hydrologic Soil Group (HSG) A and HSG B soils. However, HSG B soils were assumed to be the most representative of existing conditions since most of the existing Project area has either been developed or the soils have been modified (compacted) through the process of development. Soil conditions for all basins will remain unchanged in proposed conditions.

Hydrologic soil groups are based on estimates of runoff potential. HSG A soils have a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission. HSG B soils have a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission. Soil maps for the Project area are provided in Appendix A. Soil conditions for all basins will remain unchanged in proposed conditions.

Peak flow rates were calculated using the Rational Method with precipitation data from Figure 6-5 of El Paso County's DCM. Runoff coefficients were calculated as a function of impervious area storm frequency using impervious area. A summary of estimated peak flows for existing conditions is provided in Table 1.

Table 1. Peak Flows for Existing Conditions

EXISTING SUBBASIN CHARACTERISTICS				EXISTING PEAK FLOW (CFS)			
SUBBASIN	AREA (AC)	NRCS HYDROLOGIC SOIL GROUP	PERCENT IMPERVIOUS	2-YR	5-YR	25-YR	100-YR
A	0.60	B	0.00%	0.00	0.00	0.75	1.66
B	3.10	B	0.72%	0.02	0.03	2.99	6.58
C	5.20	B	1.42%	0.07	0.13	5.56	12.12
D	6.70	B	0.47%	0.03	0.05	6.83	15.09
E	3.50	B	0.27%	0.01	0.02	4.24	9.40
F	1.70	B	0.00%	0.00	0.00	1.92	4.28

Proposed Drainage Characteristics

Proposed conditions are similar to existing conditions and will not significantly change the flow of drainage. The ultimate design points and sub basins are not affected by this replat and flows remain as per the existing conditions. This is a replat. Impervious area and stormwater runoff is not expected to increase therefore water quality and detention are not required per the ECM.

Detention & Water Quality

Detention and stormwater quality treatment are not required for this project since impervious area will not be significantly increased due to this replat. This is a replat. Impervious area and stormwater runoff is not expected in increase therefore detention and water quality are not needed.

Regulatory Floodplains

No regulatory floodplains exist on-site. The FEMA FIRM is 08041C0538G and is attached in the appendix of this report.

Conclusion

This is a replat of an existing 17-acre single family parcel into three approximately 5 acre parcels. Impervious area and stormwater runoff is not expected to increase so stormwater improvements or mitigations are not needed.

References

City of Colorado Springs, Drainage Criteria Manual Volume 1, May 2014.

El Paso Engineering Criteria Manual, 2018

Mile High Flood Control District, UD Rational 2.00

Natural Resources Conservation Service (NRCS) Web Soil Survey

Drainage Plan

EXISTING SUBBASIN CHARACTERISTICS				EXISTING PEAK FLOW (CFS)		
SUBBASIN	AREA (AC)	NRCS HYDROLOGIC SOIL GROUP	PERCENT IMPERVIOUS	2-YR	25-YR	100-YR
A	0.60	B	0.00%	0.00	0.69	1.59
B	3.10	B	0.72%	0.01	2.78	6.33
C	5.20	B	1.42%	0.06	5.17	11.7
D	6.70	B	0.47%	0.02	6.35	14.5
E	3.50	B	0.27%	0.01	3.95	9.04
F	1.70	B	0.00%	0	1.79	4.11

PROPOSED SUBBASIN CHARACTERISTICS				PROPOSED PEAK FLOW (CFS)			
SUBBASIN	AREA (AC)	NRCS HYDROLOGIC SOIL GROUP	PERCENT IMPERVIOUS	2-YR	5-YR	25-YR	100-YR
A	0.60	B	0.00%	0.00	0.00	0.75	1.66
B	3.10	B	0.72%	0.02	0.03	2.99	6.58
C	5.20	B	1.42%	0.07	0.13	5.56	12.12
D	6.70	B	0.47%	0.03	0.05	6.83	15.09
E	3.50	B	0.27%	0.01	0.02	4.24	9.40
F	1.70	B	0.00%	0.00	0.00	1.92	4.28

DESIGN POINT SUMMARY												
DESIGN POINT	EXISTING PEAK FLOW (CFS)				PROPOSED PEAK FLOW (CFS)				DIFFERENCE (CFS)			
	2-YR	5-YR	25-YR	100-YR	2-YR	5-YR	25-YR	100-YR	2-YR	5-YR	25-YR	100-YR
1	0.12	0.21	16.13	35.46	0.12	0.21	16.13	35.46	0.00	0.00	0.00	0.00
2	0.01	0.02	4.24	9.40	0.01	0.02	4.24	9.40	0.00	0.00	0.00	0.00
3	0.00	0.00	1.92	4.28	0.00	0.00	1.92	4.28	0.00	0.00	0.00	0.00

ORIGINAL SHEET - ANSI B

WATERVATION
123 G Street, Suite 18
Salida, CO 81201
www.water-vation.com

Sub-Consultants

Horizontal Scale & Orientation

Legend

Revision | By | Appd. | YY.MM.DD

Issued | By | Appd. | YY.MM.DD

File Name: | LTB | ---- | LTB | 21.09.20
Dwn. | Chkd. | Dsgn. | YY.MM.DD

Permit-Seal

Client/Project

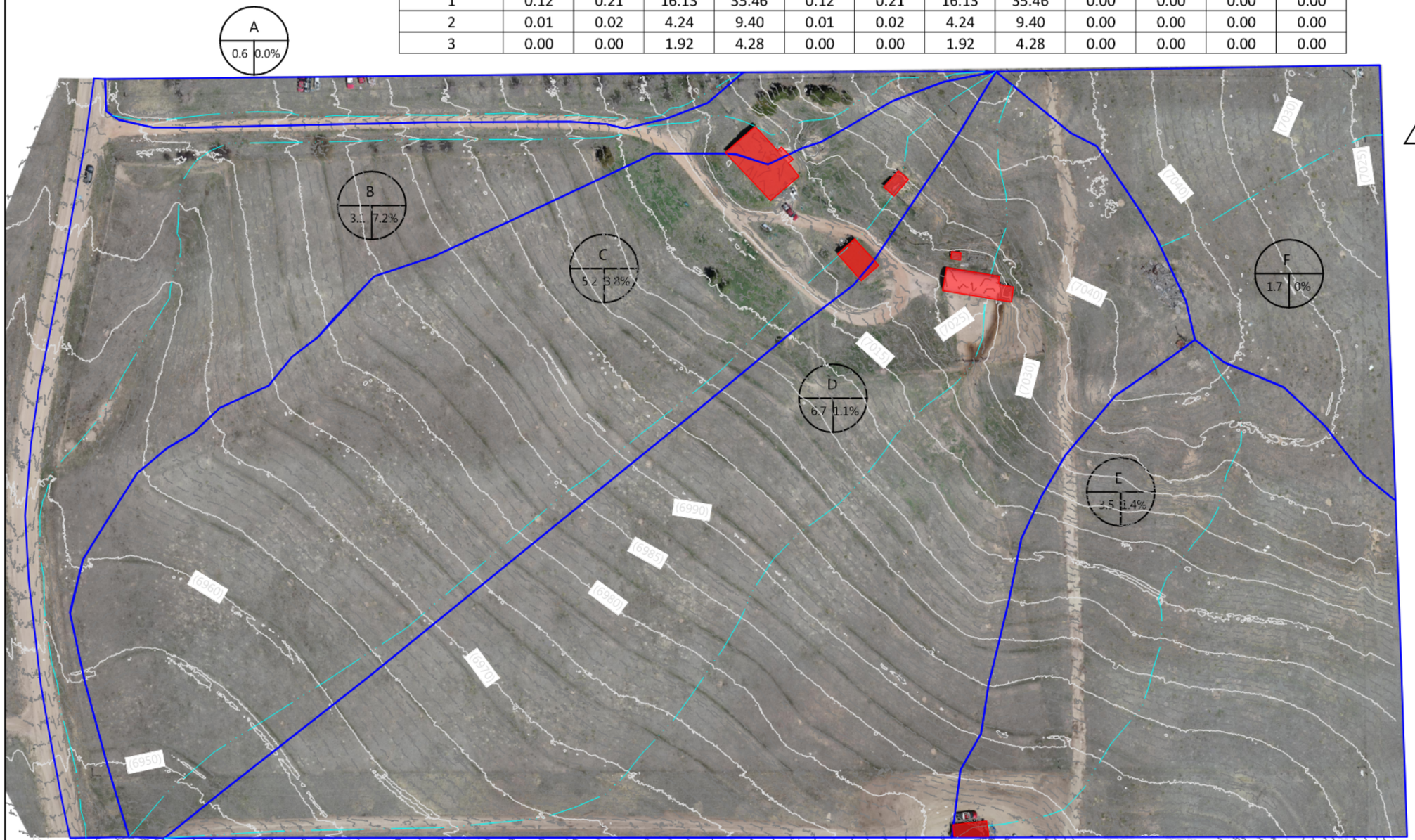
MUSTANG PL. & CHAPARRAL LP. DRAINAGE
EL PASO COUNTY, CO

Project Milestone

Sheet Name
DRAINAGE RESULTS-CHAPARRAL LOOP

2021006027 NTS
Project No. Horizontal Scale

DESIGN POINT SUMMARY												
DESIGN POINT	EXISTING PEAK FLOW (CFS)				PROPOSED PEAK FLOW (CFS)				DIFFERENCE (CFS)			
	2-YR	5-YR	25-YR	100-YR	2-YR	5-YR	25-YR	100-YR	2-YR	5-YR	25-YR	100-YR
1	0.12	0.21	16.13	35.46	0.12	0.21	16.13	35.46	0.00	0.00	0.00	0.00
2	0.01	0.02	4.24	9.40	0.01	0.02	4.24	9.40	0.00	0.00	0.00	0.00
3	0.00	0.00	1.92	4.28	0.00	0.00	1.92	4.28	0.00	0.00	0.00	0.00



WATERVATION
123 G Street, Suite 18
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Horizontal Scale & Orientation

N

0 100 200

Legend

Revision	By	Appd.	YY.MM.DD

Issued	By	Appd.	YY.MM.DD

File Name:	LTB Dwn.	---- Chkd.	LTB Dsgn.	21.09.20 YY.MM.DD

Permit-Seal

Client/Project

MUSTANG PL. & CHAPARRAL LP. DRAINAGE

EL PASO COUNTY, CO

Project Milestone

Sheet Name

EX DRAINAGE PLAN-CHAPARRAL LOOP

2021006027 Project No.

1" = 100' Horizontal Scale

Sheet 5 of 7

ORIGINAL SHEET - ANSI B

Appendix A

A summary of the hydrologic calculations for this Project are provided in Table 3 and Table 4. Rational calculations were performed using the UD-RATIONAL 2.00 software.

Table 2. Hydrologic Calculations for Existing Conditions

Calculation of Peak Runoff using Rational Method

Designer: L. Babbitt
Company: WaterVation
Date: 5/10/2022
Project: 15435 East Chaparral Loop
Location: El Paso County, CO

Version 2.00 released May 2(
Clear Worksheet
Cells of this color are for required user-inp
Cells of this color are for optional override
Cells of this color are for calculated results

$t_i = \frac{0.395(1.1 - C_5)\sqrt{L_i}}{S_i^{0.33}}$

$t_t = \frac{L_t}{60K\sqrt{S_t}} = \frac{L_t}{60V_t}$

Computed $t_c = t_i + t_t$

Regional $t_c = (26 - 17i) + \frac{L_t}{60(14i + 9)\sqrt{S_t}}$

$t_{minimum}$= 5 (urban)
$t_{minimum}$= 10 (non-urban)

Selected $t_c = \max\{t_{minimum}, \min(\text{Computed } t_c, \text{Regional } t_c)\}$

n for NOAA Atlas 14 Rainfall Depths from the pulldown list OR enter your own depths obtained from the NOAA v

	2-yr	5-yr	10-yr	25-yr	50-yr	100-yr	500-yr
1-hour rainfall depth, P1 (in) =	1.20	1.45	1.80	2.00	2.45	2.60	

Intensity Equation Coefficients =	a	b	c
	28.50	10.00	0.786

$I(in/hr) = \frac{a}{(b+}$ Use Denver Area Intensity

$Q(cfs) = CIA$

Subcatchment Name	Area (ac)	NRCS Hydrologic Soil Group	Percent Imperviousness	Runoff Coefficient, C							Overland (Initial) Flow Time					Channelized (Travel) Flow Time							Time of Concentration			Rainfall Intensity, I (in/hr)							Peak Flow, Q (cfs)						
				2-yr	5-yr	10-yr	25-yr	50-yr	100-yr	500-yr	Overland Flow Length L_i (ft)	U/S Elevation (ft) (Optional)	D/S Elevation (ft) (Optional)	Overland Flow Slope S_i (ft/ft)	Overland Flow Time t_i (min)	Channelized Flow Length L_t (ft)	U/S Elevation (ft) (Optional)	D/S Elevation (ft) (Optional)	Channelized Flow Slope S_t (ft/ft)	NRCS Conveyance Factor K	Channelized Flow Velocity V_t (ft/sec)	Channelized Flow Time t_t (min)	Computed t_c (min)	Regional t_c (min)	Selected t_c (min)	2-yr	5-yr	10-yr	25-yr	50-yr	100-yr	500-yr	2-yr	5-yr	10-yr	25-yr	50-yr	100-yr	500-yr
A (EX)	0.60	B	0.00	0.00	0.00	0.06	0.25	0.33	0.43	0.54	84.00	7026.00	7015.00	0.131	7.79	518.00	7015.00	6974.00	0.079	7	1.97	4.38	12.17	29.41	12.17	2.99	3.62	4.49	4.99	6.11	6.49		0.00	0.00	0.15	0.75	1.20	1.66	
B (EX)	3.10	B	0.72	0.00	0.00	0.06	0.25	0.33	0.43	0.54	117.00	7051.00	7035.00	0.137	9.03	1333.00	7035.00	6946.00	0.067	7	1.81	12.28	21.31	35.33	21.31	2.28	2.76	3.42	3.80	4.66	4.95		0.02	0.03	0.67	2.99	4.80	6.58	
C (EX)	5.20	B	1.42	0.01	0.01	0.07	0.26	0.34	0.43	0.54	142.00	7051.00	7035.00	0.113	10.56	960.00	7035.00	6946.00	0.093	7	2.13	7.51	18.07	31.47	18.07	2.49	3.01	3.73	4.15	5.08	5.39		0.07	0.13	1.33	5.56	8.87	12.12	
D (EX)	6.70	B	0.47	0.00	0.00	0.06	0.25	0.33	0.43	0.54	111.00	7051.00	7040.00	0.099	9.79	1115.00	7040.00	6946.00	0.084	7	2.03	9.14	18.94	32.98	18.94	2.43	2.93	3.64	4.05	4.96	5.26		0.03	0.05	1.48	6.83	10.98	15.09	
E (EX)	3.50	B	0.27	0.00	0.00	0.06	0.25	0.33	0.43	0.54	114.00	7043.00	7030.00	0.114	9.49	481.00	7030.00	6981.00	0.102	7	2.23	3.59	13.07	28.73	13.07	2.90	3.51	4.35	4.84	5.92	6.29		0.01	0.02	0.90	4.24	6.83	9.40	
F (EX)	1.70	B	0.00	0.00	0.00	0.06	0.25	0.33	0.43	0.54	234.00	7043.00	7023.00	0.085	14.97	1.00	7023.00	7022.50	0.500	7	4.95	0.00	14.97	26.00	14.97	2.73	3.29	4.09	4.54	5.57	5.91		0.00	0.00	0.40	1.92	3.10	4.28	
DP 1 (EX)	15.60	B	0.20	0.00	0.00	0.06	0.25	0.33	0.43	0.54	142.00	7051.00	7035.00	0.113	10.63	960.00	7035.00	6946.00	0.093	7	2.13	7.51	18.14	31.79	18.14	2.48	3.00	3.72	4.14	5.07	5.38		0.02	0.05	3.40	16.15	26.02	35.82	
DP 2 (EX)	3.50	B	0.27	0.00	0.00	0.06	0.25	0.33	0.43	0.54	114.00	7043.00	7030.00	0.114	9.49	481.00	7030.00	6981.00	0.102	7	2.23	3.59	13.07	28.73	13.07	2.90	3.51	4.35	4.84	5.92	6.29		0.01	0.02	0.90	4.24	6.83	9.40	
DP 3 (EX)	1.70	B	0.0	0.00	0.00	0.06	0.25	0.33	0.43	0.54	234.00	7043.00	7023.00	0.085	14.97	1.00	7023.00	7022.50	0.500	7	4.95	0.00	14.97	26.00	14.97	2.73	3.29	4.09	4.54	5.57	5.91		0.00	0.00	0.40	1.92	3.10	4.28	

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The **projection** used in the preparation of this map was Universal Transverse Mercator (UTM) zone 13. The **horizontal datum** was NAD83, GRS80 spheroid. Differences in datum, spheroid, projection or UTM zones zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the **North American Vertical Datum of 1988 (NAVD88)**. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at http://www.ngs.noaa.gov/ or contact the National Geodetic Survey at the following address:

NGS Information Services
NOAA, N/NGS12
National Geodetic Survey
SSMC-3, #9202
1315 East-West Highway
Silver Spring, MD 20910-3282

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242 or visit its website at http://www.ngs.noaa.gov/.

Base Map information shown on this FIRM was provided in digital format by El Paso County, Colorado Springs Utilities, City of Fountain, Bureau of Land Management, National Oceanic and Atmospheric Administration, United States Geological Survey, and Anderson Consulting Engineers, Inc. These data are current as of 2006.

This map reflects more detailed and up-to-date **stream channel configurations and floodplain delineations** than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study Report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map. The profile baselines depicted on this map represent the hydraulic modeling baselines that match the flood profiles and Floodway Data Tables if applicable, in the FIS report. As a result, the profile baselines may deviate significantly from the new base map channel representation and may appear outside of the floodplain.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

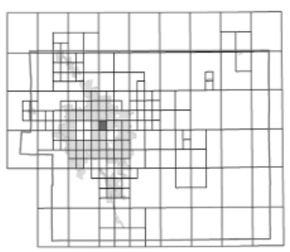
Contact **FEMA Map Service Center** (MSC) via the FEMA Map Information eXchange (FMIX) 1-877-336-2627 for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. The MSC may also be reached by Fax at 1-800-358-9620 and its website at http://www.msc.fema.gov/.

If you have **questions about this map** or questions concerning the National Flood Insurance Program in general, please call **1-877-FEMA MAP** (1-877-336-2627) or visit the FEMA website at http://www.fema.gov/business/nfip.

El Paso County Vertical Datum Offset Table

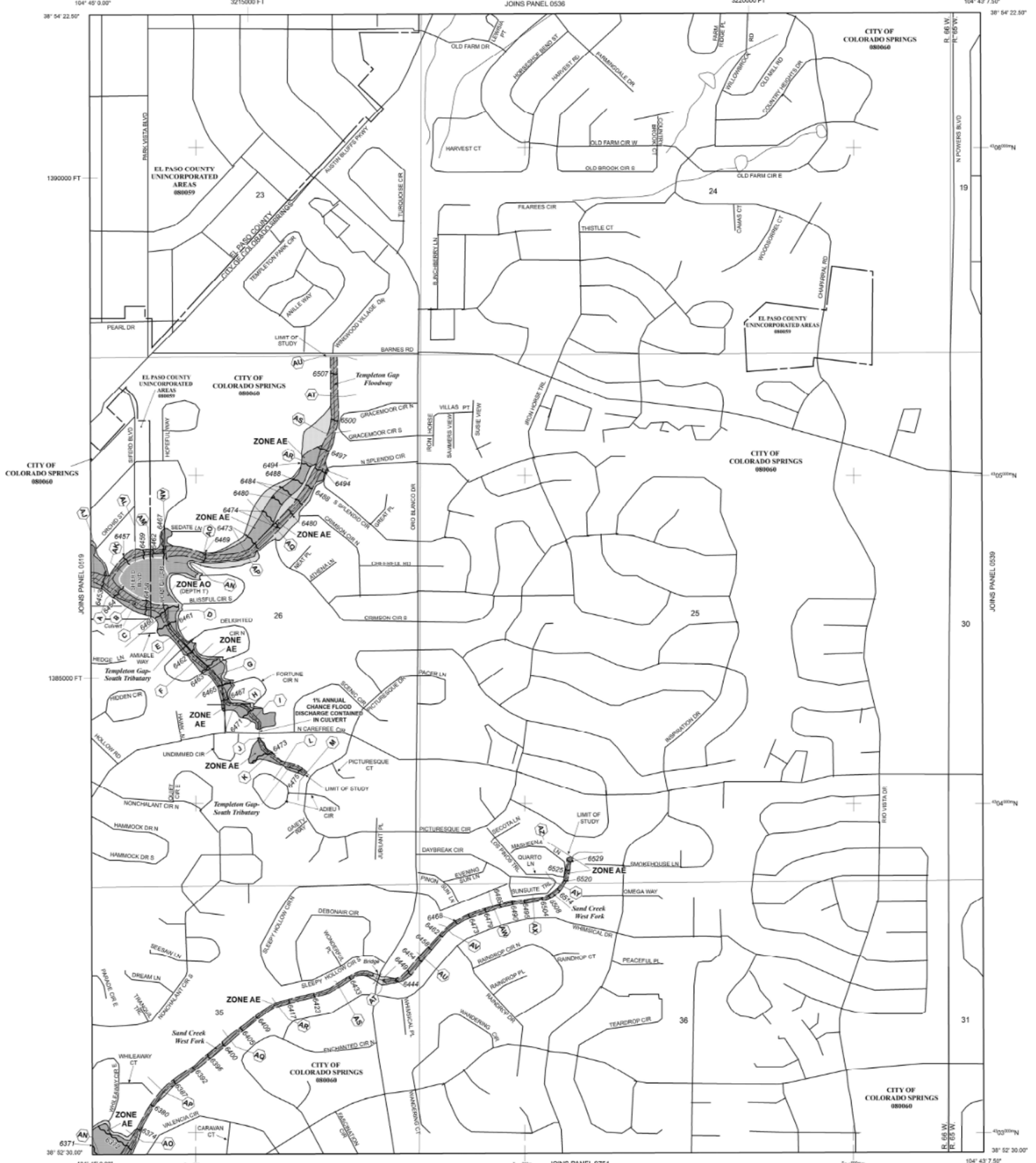
Flooding Source	Vertical Datum Offset (ft)
REFER TO SECTION 3.3 OF THE EL PASO COUNTY FLOOD INSURANCE STUDY FOR STREAM BY STREAM VERTICAL DATUM CONVERSION INFORMATION	

Panel Location Map



This Digital Flood Insurance Rate Map (DFIRM) was produced through a Cooperating Technical Partner (CTP) agreement between the State of Colorado Water Conservation Board (CWCB) and the Federal Emergency Management Agency (FEMA).

Additional Flood Hazard information and resources are available from local communities and the Colorado Water Conservation Board.



The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A No Base Flood Elevations determined.

ZONE AE Base Flood Elevations determined.

ZONE AH Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.

ZONE AO Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.

ZONE AR Special Flood Hazard Area Formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.

ZONE A99 Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.

ZONE V Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.

ZONE VE Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X Areas determined to be outside the 0.2% annual chance floodplain.

ZONE D Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

Floodplain boundary

Floodway boundary

Zone D Boundary

CBRS and OPA boundary

Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.

513 — Base Flood Elevation line and value; elevation in feet*

(EL 987) — Base Flood Elevation value where uniform within zone; elevation in feet*

* Referenced to the North American Vertical Datum of 1988 (NAVD 88)

A — A — Cross section line

23 — 23 — Transect line

97° 07' 30.00" / 32° 22' 30.00" — Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)

4275000mN — 1000-meter Universal Transverse Mercator grid ticks, zone 13

6000000 FT — 5000-foot grid ticks: Colorado State Plane coordinate system, central zone (FIPSZONE 0502), Lambert Conformal Conic Projection

DX5510 — Bench mark (see explanation in Notes to Users section of this FIRM panel)

M1.5 — River Mile

MAP REPOSITORIES
Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
MARCH 17, 1997

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL
DECEMBER 7, 2018 - to update corporate limits, to change Base Flood Elevations and Special Flood Hazard Areas, to update map format, to add roads and road names, and to incorporate previously issued Letters of Map Revision.

For community map revision history prior to countywide mapping, refer to the Community Map History Table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 500'

250 0 500 1000 FEET

150 0 150 300 METERS

NFIP

PANEL 0538G

NATIONAL FLOOD INSURANCE PROGRAM

FIRM

FLOOD INSURANCE RATE MAP

EL PASO COUNTY, COLORADO AND INCORPORATED AREAS

PANEL 538 OF 1300

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
COLORADO SPRINGS, CITY OF	080060	0538	G
EL PASO COUNTY	080059	0538	G

Notice: This map was released on 05/15/2020 to make a correction.This version replaces any previous versions. See the Notice-to-User Letter that accompanied this correction for details.

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
08041C0538G

MAP REVISED

15435 East Chaparral Loop_Drainage Report_FINAL

Final Audit Report 2022-08-22

Created:	2022-08-22
By:	Lucas Babbitt (lucas.babbitt@water-vation.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAUkaZOJZcdcwpiKrc6QVs9UFGop8C1ZZ2

"15435 East Chaparral Loop_Drainage Report_FINAL" History

Document created by Lucas Babbitt (lucas.babbitt@water-vation.com)
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