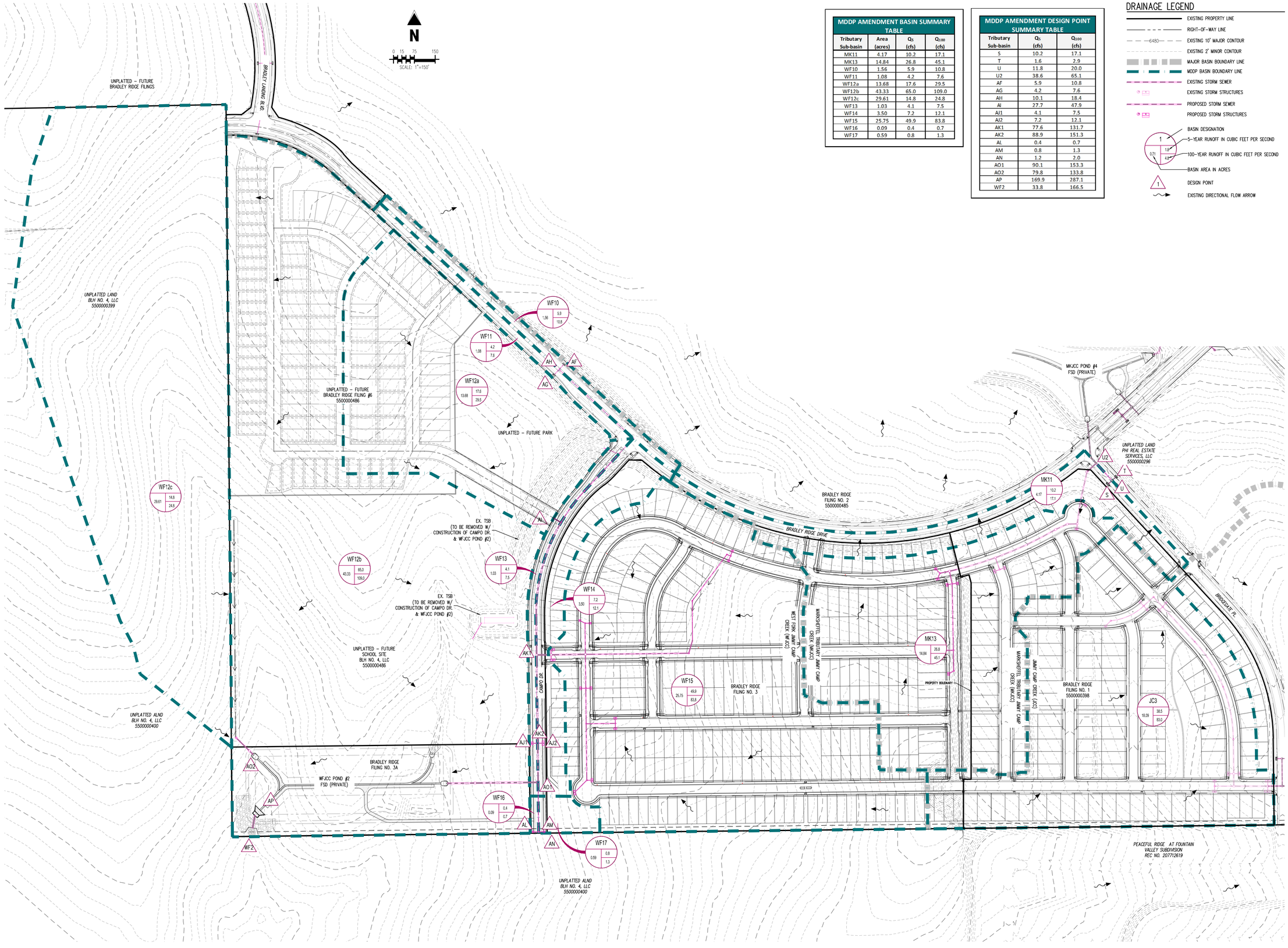

MDDP AMENDMENT BASIN SUMMARY TABLE

Tributary Sub-basin	Area (acres)	Q_5 (cfs)	Q_{100} (cfs)
MK11	4.17	10.2	17.1
MK13	14.84	26.8	45.1
WF10	1.56	5.9	10.8
WF11	1.08	4.2	7.6
WF12a	13.68	17.6	29.5
WF12b	43.33	65.0	109.0
WF12c	29.61	14.8	24.8
WF13	1.03	4.1	7.5
WF14	3.50	7.2	12.1
WF15	25.75	49.9	83.8
WF16	0.09	0.4	0.7
WF17	0.59	0.8	1.3

MDDP AMENDMENT DESIGN POINT SUMMARY TABLE

Tributary Sub-basin	Q_5 (cfs)	Q_{100} (cfs)
S	10.2	17.1
T	1.6	2.9
U	11.8	20.0
U2	38.6	65.1
AF	5.9	10.8
AG	4.2	7.6
AH	10.1	18.4
AI	27.7	47.9
AJ1	4.1	7.5
AJ2	7.2	12.1
AK1	77.6	131.7
AK2	88.9	151.3
AL	0.4	0.7
AM	0.8	1.3
AN	1.2	2.0
AO1	90.1	153.3
AO2	79.8	133.8
AP	169.9	287.1
WF2	33.8	166.5

DRAINAGE LEGEND

- EXISTING PROPERTY LINE
- RIGHT-OF-WAY LINE
- 6480 EXISTING 10' MAJOR CONTOUR
- EXISTING 2' MINOR CONTOUR
- MAJOR BASIN BOUNDARY LINE
- MDDP BASIN BOUNDARY LINE
- EXISTING STORM SEWER
- EXISTING STORM STRUCTURES
- PROPOSED STORM SEWER
- PROPOSED STORM STRUCTURES
- BASIN DESIGNATION (1 / 0.71 / 1.8 / 4.8)
- 5-YEAR RUNOFF IN CUBIC FEET PER SECOND
- 100-YEAR RUNOFF IN CUBIC FEET PER SECOND
- BASIN AREA IN ACRES
- 1 DESIGN POINT
- EXISTING DIRECTIONAL FLOW ARROW

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STORM DRAIN
CONSTRUCTION PLANS
FOR ROI PROPERTY GROUP, LLC
BRADLEY RIDGE SUBDIVISION FILING NO. 3

SEC OF BRADLEY RIDGE DR & CAMPO DRIVE
COLORADO SPRINGS, CO

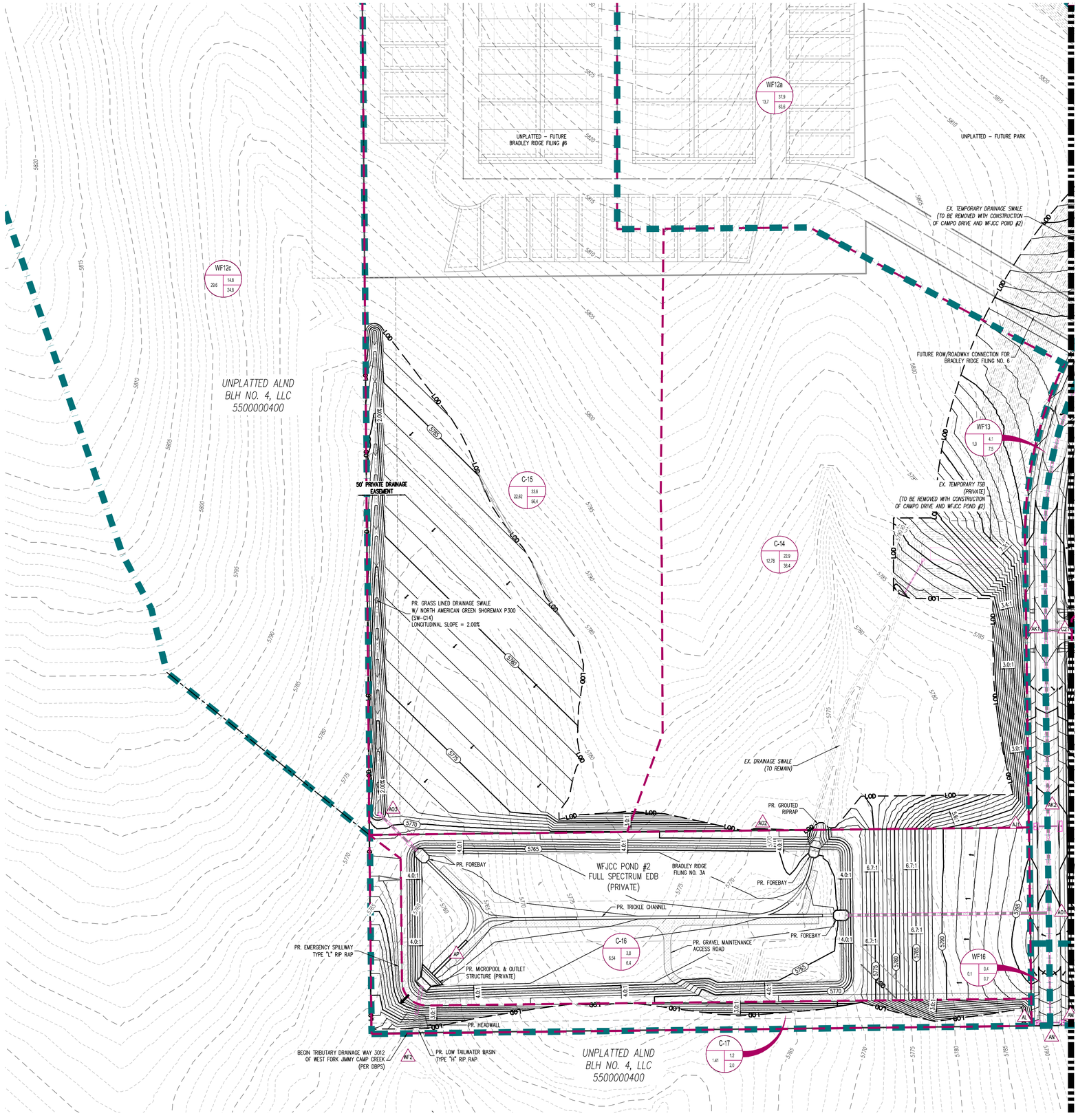
#	Date	Issue / Description	Init.

Project No:	RPG03.20
Drawn By:	AEH
Checked By:	BAS
Date:	SEPTEMBER 18, 2023

PROPOSED CONDITION
MDDPA DRAINAGE MAP

DR-3

H:\RMR3\Property Group, LLC\03 Colorado Springs_WORK\03_Bradley Ridge Subdivision Filg No. 3\WORK\Xtra Maps\Proj\Drainage Maps\RPG03.20 - MDDP Amendment.dwg - Patrick Edwards - 9/18/2023



N

0 20 50 100

SCALE: 1"=100'

INFRASTRUCTURE NOTE:

DUE TO LEGIBILITY OF SHEET, ALL EXISTING AND PROPOSED INFRASTRUCTURE ARE LABELED ON A SEPARATE DRAINAGE MAP. REFER TO SHEET DR-5 & DR-6 FOR ALL EXISTING & PROPOSED INFRASTRUCTURE CALLOUTS, INCLUDING MATERIAL, SIZES, & OWNERSHIP.

DRAINAGE LEGEND

- EXISTING PROPERTY LINE
- PROPOSED PROPERTY LINE
- LOT BOUNDARY LINE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED ROAD CENTERLINE
- BASIN BOUNDARY LINE
- MDDP BASIN BOUNDARY LINE
- LIMITS OF DISTURBANCE
- PROPOSED STORM SEWER
- PROPOSED STORM STRUCTURES
- EXISTING STORM SEWER
- EXISTING STORM STRUCTURES
- BASIN DESIGNATION
- 5–YEAR RUNOFF IN CUBIC FEET PER SECOND
- 100–YEAR RUNOFF IN CUBIC FEET PER SECOND
- BASIN AREA IN ACRES
- DESIGN POINT
- DIRECTION OF RUNOFF

BASIN SUMMARY TABLE

Tributary Sub-basin	Area (acres)	Q_5 (cfs)	Q_{100} (cfs)
A-1	0.20	0.5	0.9
A-2	0.45	0.9	1.6
B-1	1.79	3.6	6.0
B-2	1.81	3.9	6.5
B-3	0.65	1.4	2.3
B-4	0.78	1.7	2.9
B-5	0.46	1.2	2.0
B-6	1.93	3.7	6.2
B-7	0.78	1.7	2.9
B-8	0.09	0.4	0.6
B-9	0.14	0.3	0.5
B-10	0.52	1.3	2.1
C-1	4.25	6.5	10.8
C-2	1.73	3.0	5.0
C-3	3.81	6.8	11.4
C-4	1.74	3.1	5.2
C-5	0.62	1.1	1.9
C-6	0.89	1.7	2.9
C-7	1.71	3.2	5.4
C-8	1.27	2.4	4.0
C-9	2.22	8.7	14.6
C-10	0.84	1.8	3.0
C-11	1.32	2.5	4.1
C-12	3.07	6.5	10.8
C-13	2.28	5.0	8.4
C-14	41.94	64.4	108.2
C-15	1.41	1.2	2.0
OS-1	1.25	1.0	1.7
OS-2	0.17	0.2	0.3
WF10	1.60	5.9	10.8
WF11	1.10	4.2	7.6
WF12a	13.70	17.6	29.5
WF12c	29.60	14.8	24.8
WF13	1.00	4.1	7.5
WF14	3.50	7.2	12.1
WF16	0.10	0.4	0.7
WF17	0.60	0.8	1.4

DESIGN POINT SUMMARY TABLE

Tributary Sub-basin	Q_5 (cfs)	Q_{100} (cfs)
A1	1.1	1.8
B1	3.6	5.3
B2	3.9	6.4
B3	1.4	2.3
B4	5.3	8.7
B5	8.9	14.0
B6	1.7	3.8
B7	1.2	2.0
B8	11.8	19.8
B9	3.7	6.2
B10	1.7	2.9
B11	5.4	9.1
B12	17.2	28.9
C1	7.5	11.3
C2	3.0	5.0
C3	10.5	16.3
C4	5.9	8.0
C5	3.1	5.0
C6	9.0	13.0
C7	19.5	29.3
C8	1.1	3.3
C9	2.8	6.1
C10	23.4	38.7
C11	3.2	5.4
C12	2.4	4.0
C13	5.6	9.4

DESIGN POINT SUMMARY TABLE

Tributary Sub-basin	Q_5 (cfs)	Q_{100} (cfs)
C14	8.7	14.6
C14a	14.3	24.0
C15	1.8	2.6
C16	2.3	3.2
C17	4.1	5.8
C18	41.8	68.5
C19	6.5	11.1
C20	5.3	9.1
C21	53.6	88.7
AF	5.9	10.8
AG	4.2	7.6
AH	10.1	18.4
AI	27.7	47.9
AJ1	4.1	7.5
AJ2	7.2	14.4
AK1	81.3	136.6
AK2	92.6	158.5
AL	0.4	0.7
AM	0.8	1.4
AN	1.2	2.1
AO1	93.8	160.6
AO2	79.2	132.9
AP	173.0	293.6
WF2	33.8	166.5

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STORM DRAIN CONSTRUCTION PLANS
FOR ROI PROPERTY GROUP, LLC
BRADLEY RIDGE SUBDIVISION FILING NO. 3

SEC OF BRADLEY RIDGE DR & CAMPO DRIVE
COLORADO SPRINGS, CO

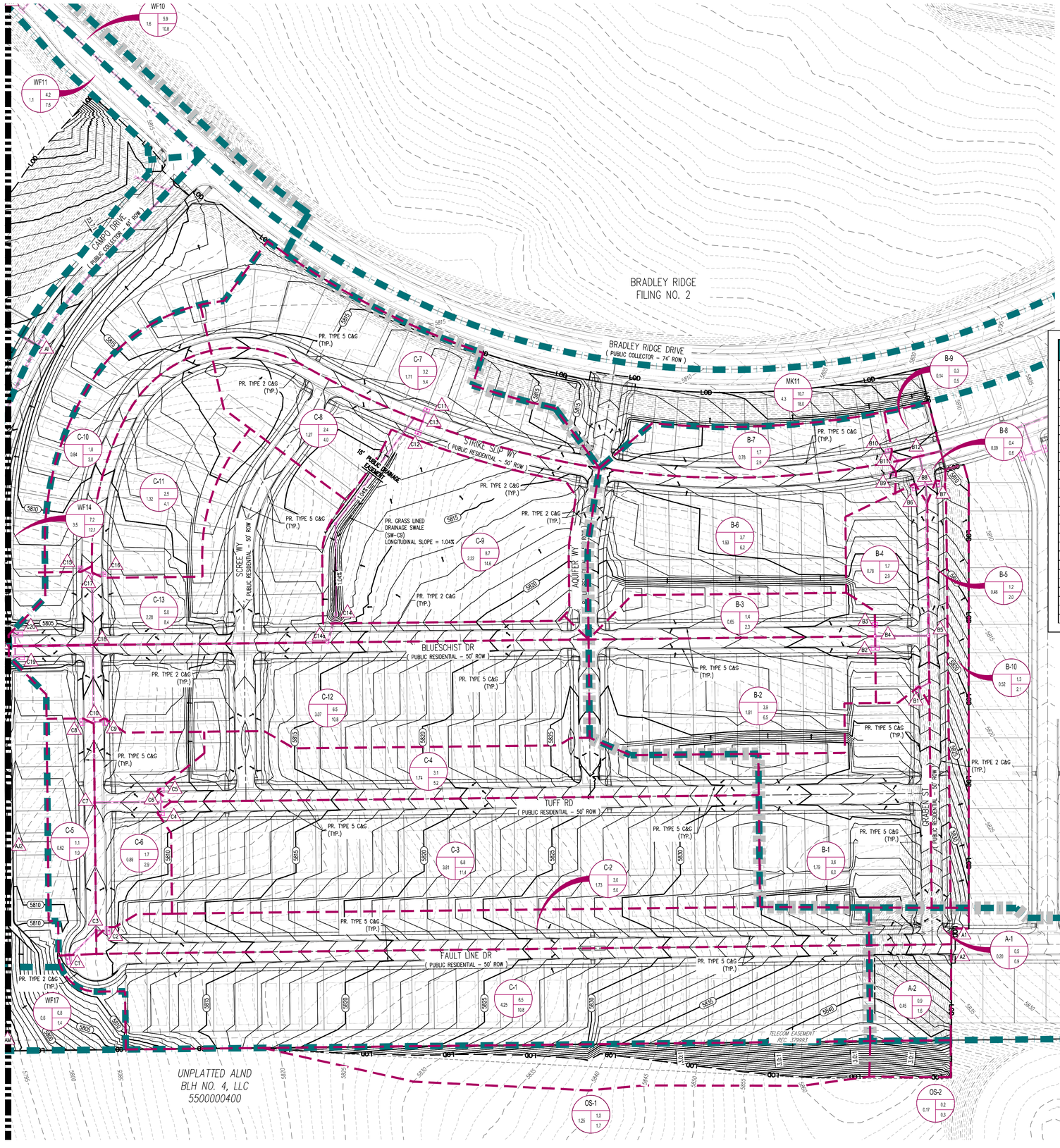
#	Date	Issue / Description	Init.

Project No:	RPG02.20
Drawn By:	JDM
Checked By:	BAS
Date:	SEPTEMBER 18, 2023

PR. DRAINAGE MAP 1

DR-3
Sheet 1 of 2

M:\2020\Projects\Cmos LLC\FDO_Colorado Springs - #RPG02.20 - Bradley Ridge Subdivision Fil 3\4. ENG\Civil\Drainage Report\RPG02.20 - Pr Drainage Map.dwg - Thumb Exhibit 3a - 11/20/2023



N

0 20 50 100
SCALE: 1"=100'

INFRASTRUCTURE NOTE:
DUE TO LEGIBILITY OF SHEET, ALL EXISTING AND PROPOSED INFRASTRUCTURE ARE LABELED ON A SEPARATE DRAINAGE MAP. REFER TO SHEET DR-5 & DR-6 FOR ALL EXISTING & PROPOSED INFRASTRUCTURE CALLOUTS, INCLUDING MATERIAL, SIZES, & OWNERSHIP.

DRAINAGE LEGEND

- EXISTING PROPERTY LINE
- PROPOSED PROPERTY LINE
- LOT BOUNDARY LINE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED ROAD CENTERLINE
- BASIN BOUNDARY LINE
- MDDP BASIN BOUNDARY LINE
- LIMITS OF DISTURBANCE
- PROPOSED STORM SEWER
- PROPOSED STORM STRUCTURES
- EXISTING STORM SEWER
- EXISTING STORM STRUCTURES
- BASIN DESIGNATION
- 5-YEAR RUNOFF IN CUBIC FEET PER SECOND
- 100-YEAR RUNOFF IN CUBIC FEET PER SECOND
- BASIN AREA IN ACRES
- DESIGN POINT
- DIRECTION OF RUNOFF

DESIGN POINT SUMMARY TABLE

Tributary Sub-basin	Q_5 (cfs)	Q_{100} (cfs)
A1	0.5	0.9
A2	1.1	1.8
B1	3.6	5.3
B2	3.9	6.4
B3	1.4	2.3
B4	5.3	8.7
B5	8.9	14.0
B6	1.7	3.8
B7	1.2	2.0
B8	11.8	19.8
B9	3.7	6.2
B10	1.7	2.9
B11	5.4	9.1
B12	17.2	28.9
C1	7.5	11.3
C2	3.0	5.0
C3	10.5	16.3
C4	5.9	8.0
C5	3.1	5.0
C6	9.0	13.0
C7	19.5	29.3
C8	1.1	3.3
C9	2.8	6.1
C10	23.4	38.7
C11	3.2	5.4
C12	2.4	4.0
C13	5.6	9.4

DESIGN POINT SUMMARY TABLE

Tributary Sub-basin	Q_5 (cfs)	Q_{100} (cfs)
C14	8.7	14.6
C14a	14.3	24.0
C15	1.8	2.6
C16	2.3	3.2
C17	4.1	5.8
C18	41.8	68.5
C19	6.5	11.1
C20	5.3	9.1
C21	53.6	88.7
AF	5.9	10.8
AG	4.2	7.6
AH	10.1	18.4
AI	27.7	47.9
AJ1	4.1	7.5
AJ2	7.2	14.4
AK1	81.3	136.6
AK2	92.6	158.5
AL	0.4	0.7
AM	0.8	1.4
AN	1.2	2.1
AO1	93.8	160.6
AO2	40.5	67.9
AO3	48.4	81.2
AP	186.4	316.1
WF2	33.8	33.8

BASIN SUMMARY TABLE

Tributary Sub-basin	Area (acres)	Q_5 (cfs)	Q_{100} (cfs)
A-1	0.20	0.5	0.9
A-2	0.45	0.9	1.6
B-1	1.79	3.6	6.0
B-2	1.81	3.9	6.5
B-3	0.65	1.4	2.3
B-4	0.78	1.7	2.9
B-5	0.46	1.2	2.0
B-6	1.93	3.7	6.2
B-7	0.78	1.7	2.9
B-8	0.09	0.4	0.6
B-9	0.14	0.3	0.5
B-10	0.52	1.3	2.1
C-1	4.25	6.5	10.8
C-2	1.73	3.0	5.0
C-3	3.81	6.8	11.4
C-4	1.74	3.1	5.2
C-5	0.62	1.1	1.9
C-6	0.89	1.7	2.9
C-7	1.71	3.2	5.4
C-8	1.27	2.4	4.0
C-9	2.22	8.7	14.6
C-10	0.84	1.8	3.0
C-11	1.32	2.5	4.1
C-12	3.07	6.5	10.8
C-13	2.28	5.0	8.4
C-14	41.94	64.4	108.2
C-15	1.41	1.2	2.0
OS-1	1.25	1.0	1.7
OS-2	0.17	0.2	0.3
WF10	1.60	5.9	10.8
WF11	1.10	4.2	7.6
WF12a	13.70	17.6	29.5
WF12c	29.60	14.8	24.8
WF13	1.00	4.1	7.5
WF14	3.50	7.2	12.1
WF16	0.10	0.4	0.7
WF17	0.60	0.8	1.4

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STORM DRAIN CONSTRUCTION PLANS FOR ROI PROPERTY GROUP, LLC BRADLEY RIDGE SUBDIVISION FILING NO. 3

SEC OF BRADLEY RIDGE DR & CAMPO DRIVE
COLORADO SPRINGS, CO

#	Date	Issue / Description	Init.

Project No:	RPG03.20
Drawn By:	AEH
Checked By:	BAS
Date:	SEPTEMBER 18, 2023

PR. DRAINAGE MAP 2

DR-4
Sheet 2 of 2

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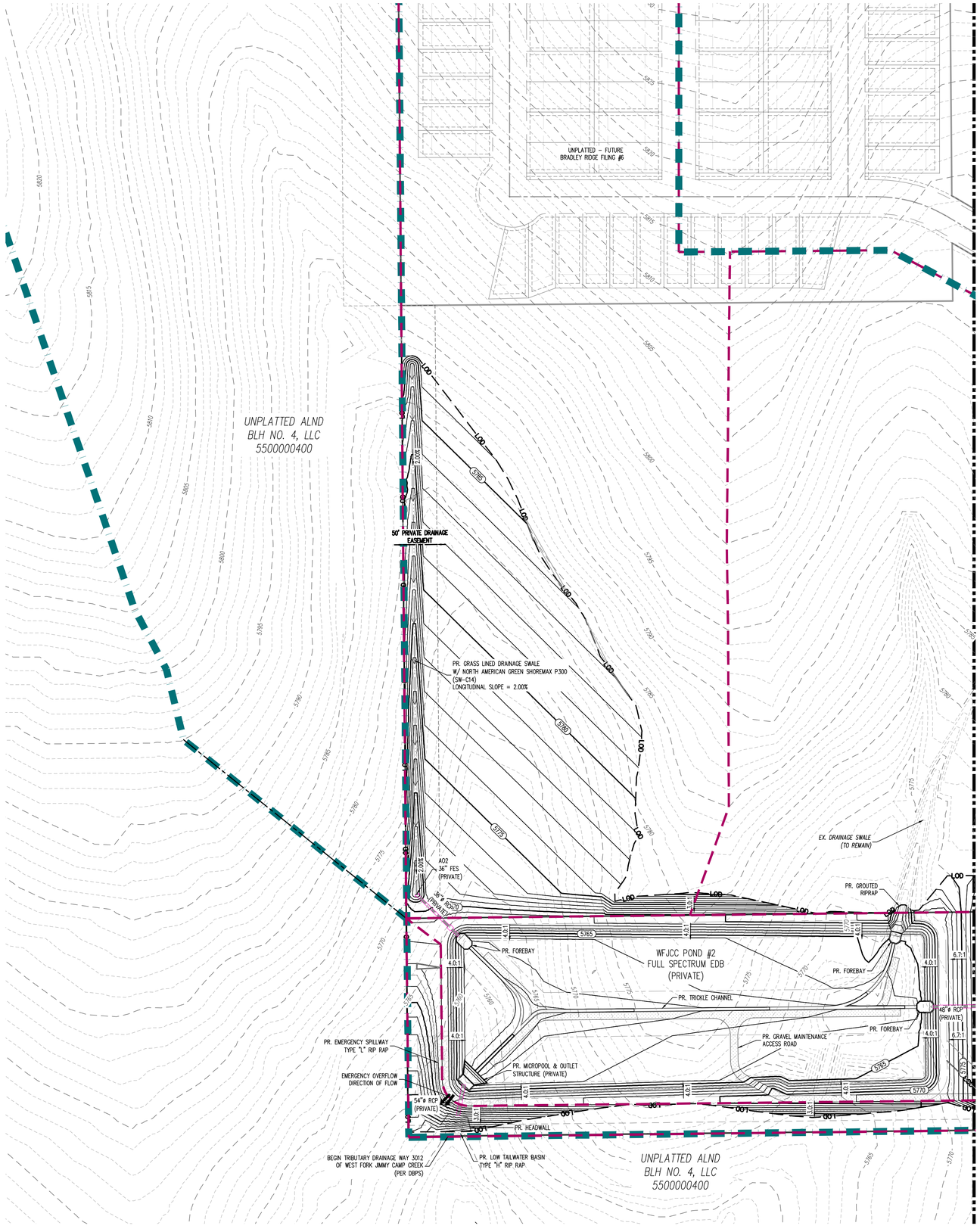

N

0 20 50 100

SCALE: 1"=100'

DRAINAGE LEGEND

- EXISTING PROPERTY LINE
- PROPOSED PROPERTY LINE
- LOT BOUNDARY LINE
- EXISTING MAJOR CONTOUR (6480)
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR (6480)
- PROPOSED MINOR CONTOUR
- PROPOSED ROAD CENTERLINE
- BASIN BOUNDARY LINE
- MDDP BASIN BOUNDARY LINE
- PROPOSED STORM SEWER
- PROPOSED STORM STRUCTURES
- EXISTING STORM SEWER
- EXISTING STORM STRUCTURES
- BASIN DESIGNATION (1)
- 5-YEAR RUNOFF IN CUBIC FEET PER SECOND (671)
- 100-YEAR RUNOFF IN CUBIC FEET PER SECOND (1)
- BASIN AREA IN ACRES (4.8)
- DESIGN POINT (1)
- DIRECTION OF RUNOFF

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STORM DRAIN
CONSTRUCTION PLANS
FOR ROI PROPERTY GROUP, LLC
BRADLEY RIDGE SUBDIVISION FILING NO. 3

SEC OF BRADLEY RIDGE DR & CAMPO DRIVE
COLORADO SPRINGS, CO

#	Date	Issue / Description	Init.

Project No:	RPG02.20
Drawn By:	JDM
Checked By:	BAS
Date:	APRIL 28, 2023

PR. STORM
INFRASTRUCTURE MAP

DR-5
Sheet 1 of 2

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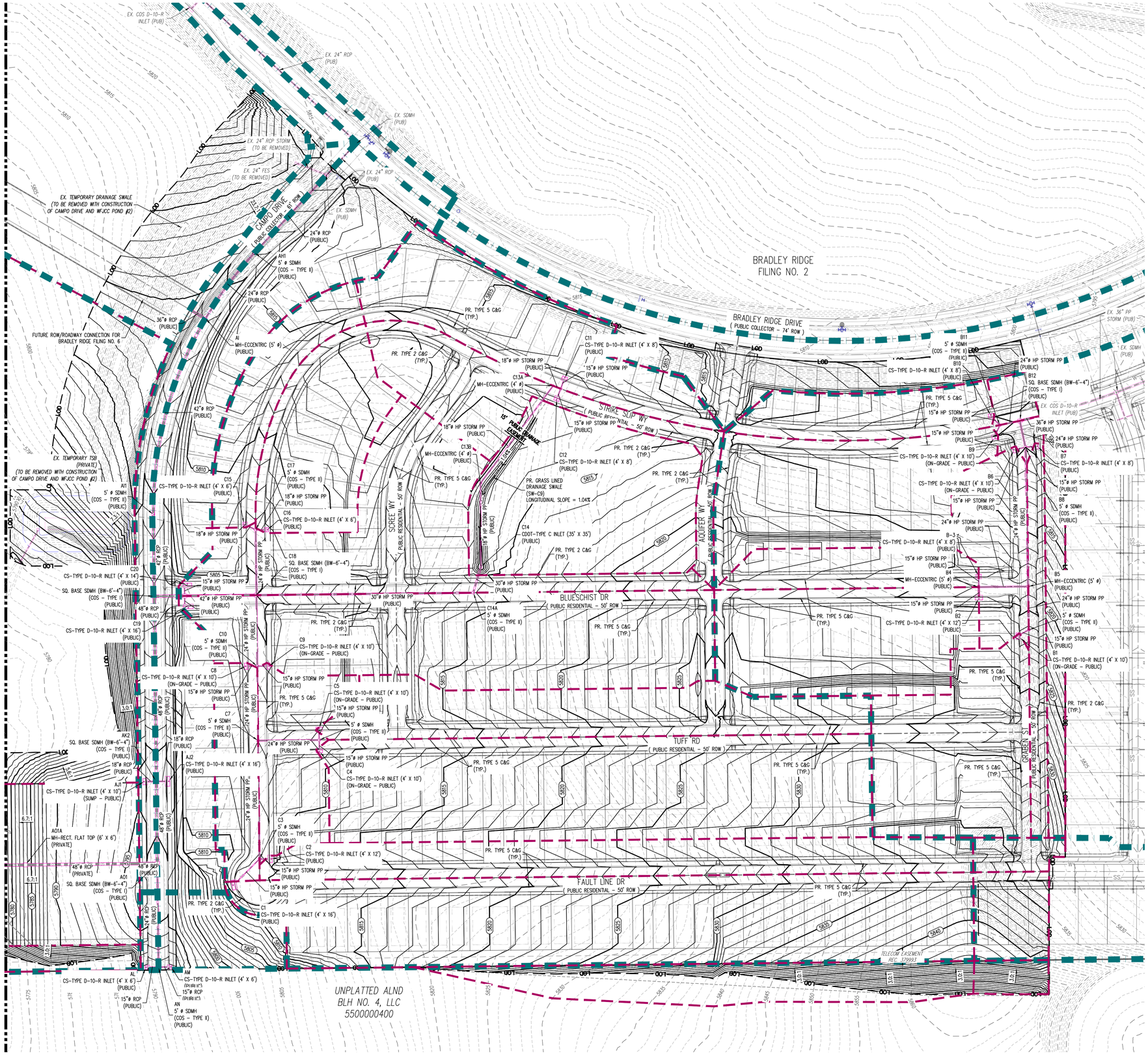

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STORM DRAIN
CONSTRUCTION PLANS
FOR ROI PROPERTY GROUP, LLC
BRADLEY RIDGE SUBDIVISION FILING NO. 3

SEC OF BRADLEY RIDGE DR & CAMPO DRIVE
COLORADO SPRINGS, CO

#	Date	Issue / Description	Init.

Project No:	RPG03.20
Drawn By:	AEH
Checked By:	BAS
Date:	SEPTEMBER 18, 2023

PR. STORM
INFRASTRUCTURE MAP

DR-6
Sheet 2 of 2

M:\RPG\Property Drive LLC\DCI Colorado Springs - RPG03.20 - Bradley Ridge Subdivision Fig No. 3\DCI\Civil Reports\Final Drainage Report\RPG03.20 - Pr Infrastructure Map.dwg - Trevor Edwards - 11/20/2023