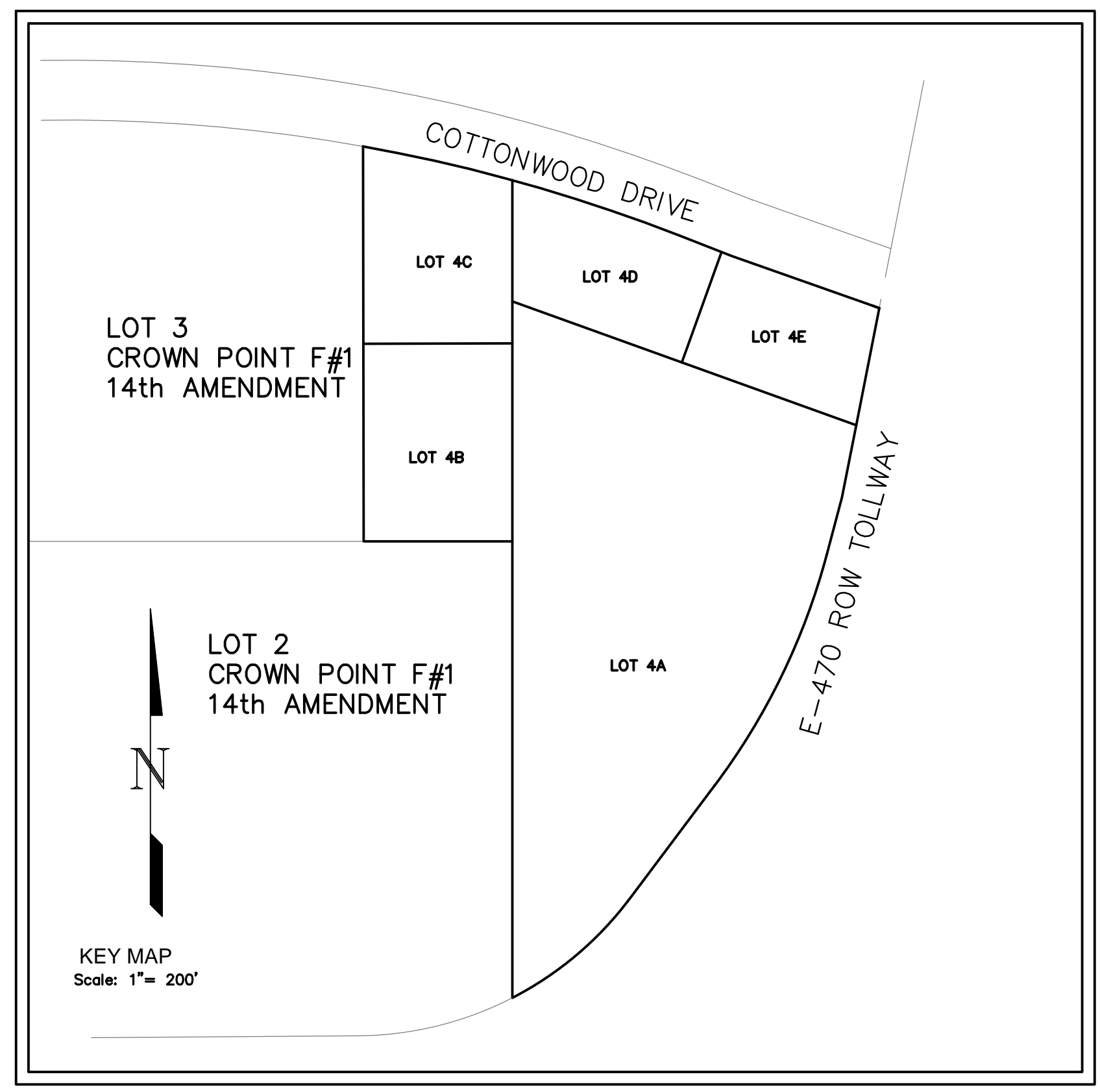
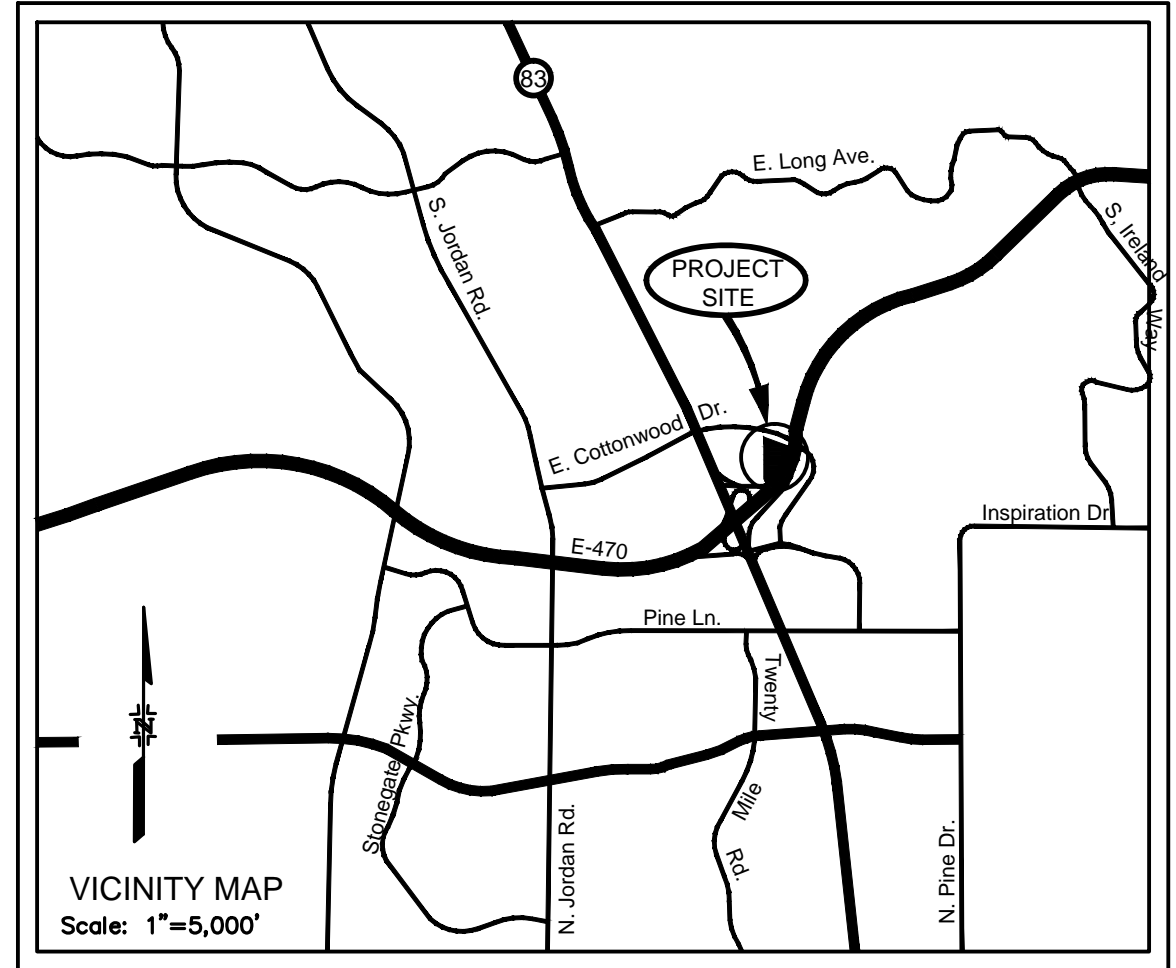


Boondocks
Lot 4, Crown Point F#1, 14th Amendment
A Replat of Lot 8, Crown Point F#1, 6th Amendment
 LOCATED IN A PORTION OF THE SW 1/4 OF SECTION 3,
 T6S, R66W, 6TH P.M., COUNTY OF ARAPAHOE, STATE OF COLORADO.

BASIN NO.	DESIGN POINT	CONTRIBUTING AREA (acres)	PERCENT IMPERVIOUS	RUNOFF COEFFICIENT C(5yr)	COEFFICIENT C(100yr)	ROUTED FLOWS 5yr(cfs)	100yr(cfs)	COMMENTS
A.1	1	0.50	11%	0.14	0.40	0.3	1.3	Single Type C Inlet with Close Mesh Grate
A.2	2	1.27	33%	0.26	0.48	1.25	4.0	Single Type C Inlet with Close Mesh Grate
A.3	3	2.29	45%	0.32	0.51	3.0	8.9	Single Type C Inlet with Close Mesh Grate
A.4	4	0.49	77%	0.58	0.68	1.3	2.9	5' Type R Inlet
A.5	5	0.29	90%	0.73	0.81	1.0	2.1	5' Type R Inlet
A.6	6	0.76	90%	0.73	0.81	2.6	5.4	5' Type R Inlet
A.7	7	0.25	90%	0.47	0.81	0.9	1.8	5' Type R Inlet
A.8	8	0.57	67%	0.47	0.6	1.3	3.0	5' Type R Inlet
A.9	9	0.94	84%	0.64	0.74	2.2	4.8	5' Type R Inlet
A.10	10	0.14	53%	0.37	0.53	0.2	0.7	5' Type R Inlet
A.11	11	0.37	45%	0.32	0.51	0.6	1.7	5' Type R Inlet
A.12	12	0.61	90%	0.73	0.81	2.1	4.4	5' Type R Inlet
A.13	13	0.59	90%	0.73	0.81	2.0	4.2	5' Type R Inlet
A.14	14	0.26	64%	0.45	0.63	0.6	1.4	Chase Section to A.15
A.15	—	0.46	79%	0.44	0.59	1.0	2.5	—
Sum A.14+A.15	15	0.72	—	—	—	1.5	3.7	5' Type R Inlet
A.16	—	0.18	90%	0.73	0.81	0.6	1.3	Flow into Basin A.17
A.17	—	0.25	90%	0.73	0.81	0.9	1.8	—
Sum A.16+A.17	16	0.43	—	—	—	1.4	2.9	5' Type R Inlet
A.18	17	0.55	90%	0.73	0.81	1.9	3.9	Future 5' Type R Inlet w/Commercial Construction
A.19	18	0.40	90%	0.73	0.81	1.4	2.9	Future 5' Type R Inlet w/Commercial Construction
A.20	19	0.44	90%	0.73	0.81	1.5	3.1	Future 5' Type R Inlet w/Commercial Construction
A.21	20	1.18	90%	0.73	0.81	4.1	8.4	Future 5' Type R Inlet w/Commercial Construction
B.1	21	0.56	36%	0.28	0.48	0.7	2.3	Flow into Basin B.2 in Curb
B.2	—	1.30	64%	0.45	0.63	2.3	6.0	Includes flow from B.1
Sum B.1+B.2	22	1.86	—	—	—	2.8	7.5	To be added with B.3+B.4
B.3	23	0.73	82%	0.45	0.63	1.4	3.7	Flow into Basin B.4 in Curb
B.4	—	0.71	52%	0.36	0.63	1.2	3.9	Includes Flow from B.3
Sum B.3+B.4	24	1.44	—	—	—	2.3	6.5	To be added with B.1+B.2
Sum B.1-B.4	25	0.14	—	—	—	2.2	13.8	Sum Flow into Existing 10' Type R Inlet



LEGAL DESCRIPTION:

Lot 4, Crown Point F#1, 14th Amendment—Reception # 2007081477 of the records of Arapahoe County, Colorado. Containing 847,936 square feet, 14.875 acres, More or Less.

PROPOSED LEGAL DESCRIPTION:

The following descriptions are a part of lot 4; Crown Point F # 1, 14th Amendment Rec # 2007081477, Arapahoe County, Colorado and describes two parcels (A&B) which are to be included in a replat of the said lot 4;

Parcel A

Beginning at the northeast corner of said lot 4; Thence southerly along the east line of lot 4, which is coincident with west ROW line of E 470, S11°07'44"W, 191.10 feet; Thence leaving said coincident east line with west ROW line of E470; N7°01'13W; 586.59 feet; Thence S00°00'00"E, 384.86 feet to a platted corner on said lot 4; said platted corner being the northeast corner of lot 2, Crown Point F #1, 14th Amendment, Reception # 20070081477; Arapahoe County, Colorado; Thence along a common lot line of lot 24, lot 4, said Crown Point F#1, 14th amendment; reception #2007081477, and lot 4; Thence along a common property line of said lots 3 and 4 N00°06'31"W, 634.97 feet to a point on the south ROW line of Cottonwood Dr, Rec. # 00073633, Arapahoe County, Colorado; Thence along said south ROW line on a curve to the right having a chord of S74°15'58"E 526.95 ft and a radius of 2,702.00 ft with a central angle of 11°11'30" with an arc length of 527.79 ft. to a point of Tangent; Thence continuing along said south ROW line S68°40'13"E, 90.33 feet.; Thence continuing along the said south ROW line S70°34'46"E, 240.13 ft. to the POINT OF BEGINNING.

Area of Parcel A 5.969 acres.

Parcel B

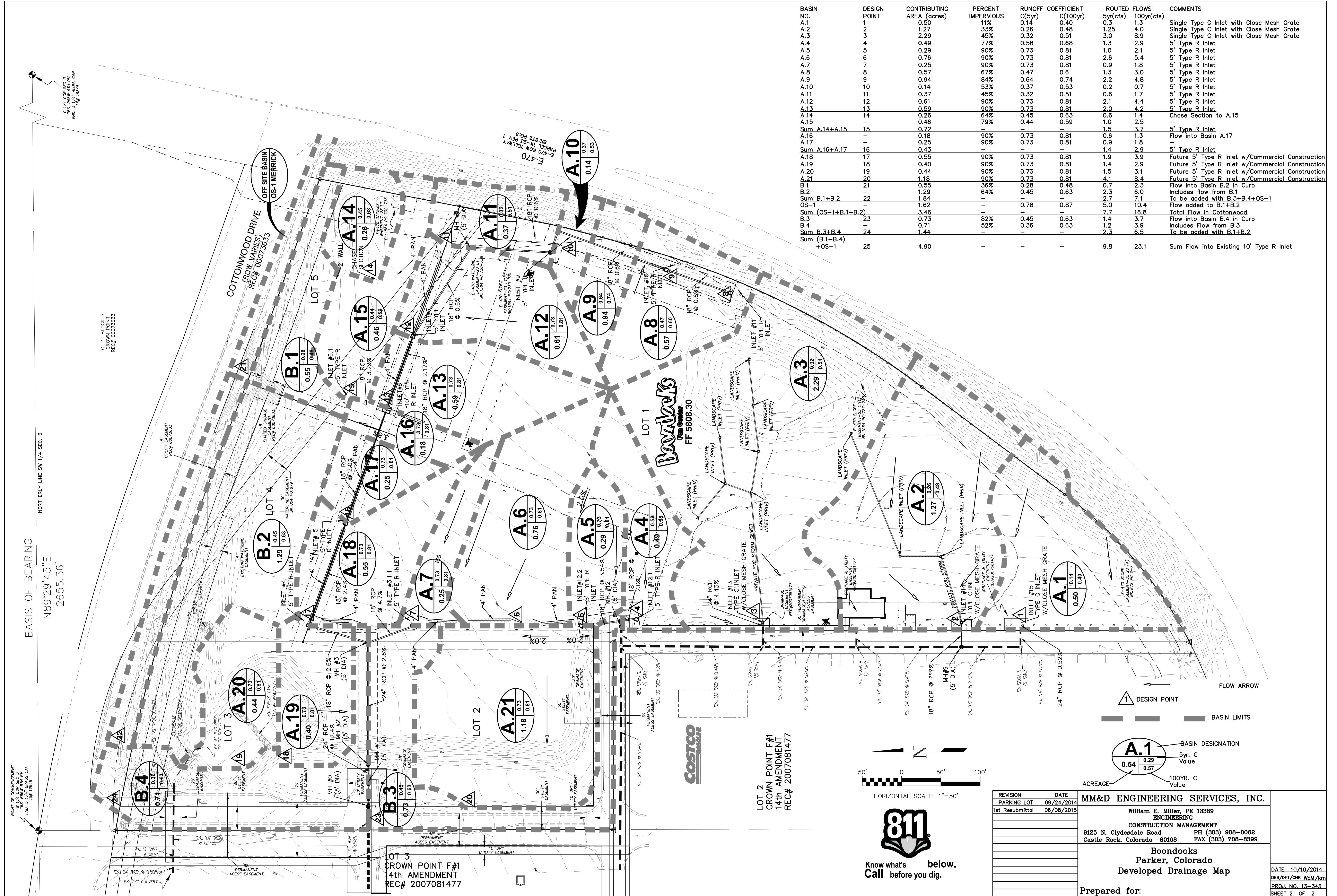
Beginning at the northeast corner of said lot 4; Thence along the east line of lot 4 which is coincident of the west ROW of E 470; S4°07'44"W, 191.10 feet to the TRUE POINT OF BEGINNING; Thence along the common lot line of lot 4 and west ROW of E 470 along the following 5 courses and distances; 1) Thence S11°07'44"W, 118.21 feet 2) Thence S14°52'44"W, 95.13 feet to a point of curve; 3) Thence on a curve to the right having a radius of 1,075.92'; a central angle of 22°03'52", an arc length of 414.33 ft and a chord of S25°54'40"W, 411.78 ft to a point of tangent. 4) Thence S36°56'36"W, 228.17ft to a point of curve to the right; 4) Thence on a curve to the right having a radius of 549.41 ft, a central angle of 25°49'10", an arc length of 247.58 ft and a chord of S49°51'11"W; 245.49 ft to the furthest south property corner of said lot 4; Thence leaving said E 470 ROW line and continuing north along the common lot line of lot 3, Crown Point F#1, 14th Amendment N00°00'00"E, 732.63 ft to the northeast corner of said lot 3, thence continuing N00°00'00"E, 384.46 ft; Thence S70°13'01"E, 586.59 ft to the TRUE POINT OF BEGINNING of Parcel B

Parcel B contains 8.906 acres.



Know what's below. Call before you dig.

REVISION	DATE	MM&D ENGINEERING SERVICES, INC.
1st Resubmittal	06/08/2015	
		William E. Miller, PE 13389 ENGINEERING
		CONSTRUCTION MANAGEMENT
		9125 N. Clydesdale Road PH (303) 908-0062 Castle Rock, Colorado 80108 FAX (303) 708-8399
		Boondocks Parker, Colorado
		Cover Sheet Drainage Plan
		Prepared for:
		DATE 09/16/2014 DES/DFY/CHK WEM/km PROJ. NO. 13-343 SHEET 1 OF 2



BASIN NO.	DESIGN POINT	CONTRIBUTING AREA (acres)	PERCENT IMPERVIOUS	RUNOFF COEFFICIENT C(5yr)	RUNOFF COEFFICIENT C(100yr)	ROUTED FLOWS 5yr(cfs)	ROUTED FLOWS 100yr(cfs)	COMMENTS
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A.2	2	1.27	33%	0.26	0.48	1.25	4.0	Single Type C Inlet with Close Mesh Grate
A.3	3	2.29	45%	0.32	0.51	3.0	8.9	Single Type C Inlet with Close Mesh Grate
A.4	4	0.49	77%	0.58	0.68	1.3	2.9	5' Type R Inlet
A.5	5	0.29	90%	0.73	0.81	1.0	2.1	5' Type R Inlet
A.6	6	0.76	90%	0.73	0.81	2.6	5.4	5' Type R Inlet
A.7	7	0.25	90%	0.73	0.81	0.9	1.8	5' Type R Inlet
A.8	8	0.57	67%	0.47	0.6	1.3	3.0	5' Type R Inlet
A.9	9	0.94	84%	0.64	0.74	2.2	4.8	5' Type R Inlet
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A.13	13	0.59	90%	0.73	0.81	2.0	4.2	5' Type R Inlet
A.14	14	0.26	64%	0.45	0.63	0.6	1.4	Chase Section to A.15
A.15	15	0.46	79%	0.44	0.59	1.0	2.5	-
Sum A.14+A.15	15	0.72	-	-	-	1.5	3.7	5' Type R Inlet
A.16	16	0.18	90%	0.73	0.81	0.6	1.3	Flow into Basin A.17
A.17	17	0.25	90%	0.73	0.81	0.9	1.8	-
Sum A.16+A.17	16	0.43	-	-	-	1.4	2.9	5' Type R Inlet
A.18	18	0.55	90%	0.73	0.81	1.9	3.9	Future 5' Type R Inlet w/Commercial Construction
A.19	19	0.40	90%	0.73	0.81	1.4	2.9	Future 5' Type R Inlet w/Commercial Construction
A.20	20	0.44	90%	0.73	0.81	1.5	3.1	Future 5' Type R Inlet w/Commercial Construction
A.21	21	1.18	90%	0.73	0.81	4.1	8.4	Future 5' Type R Inlet w/Commercial Construction
B.1	21	0.55	36%	0.28	0.48	0.7	2.3	Flow into Basin B.2 in Curb
B.2	22	1.29	64%	0.45	0.63	2.3	6.0	Includes flow from B.1
Sum B.1+B.2	22	1.84	-	-	-	2.7	7.1	To be added with B.3+B.4+OS-1
OS-1	23	1.62	-	0.78	0.87	5.0	10.4	Flow added to B.1+B.2
Sum (OS-1+B.1+B.2)	23	3.46	-	-	-	7.7	16.8	Total Flow in Cottonwood
B.3	23	0.73	82%	0.45	0.63	1.4	3.7	Flow into Basin B.4 in Curb
B.4	24	0.71	52%	0.36	0.63	1.2	3.9	Includes Flow from B.3
Sum B.3+B.4	24	1.44	-	-	-	2.3	6.5	To be added with B.1+B.2
Sum (B.1-B.4)	25	4.90	-	-	-	9.8	23.1	Sum Flow into Existing 10' Type R Inlet