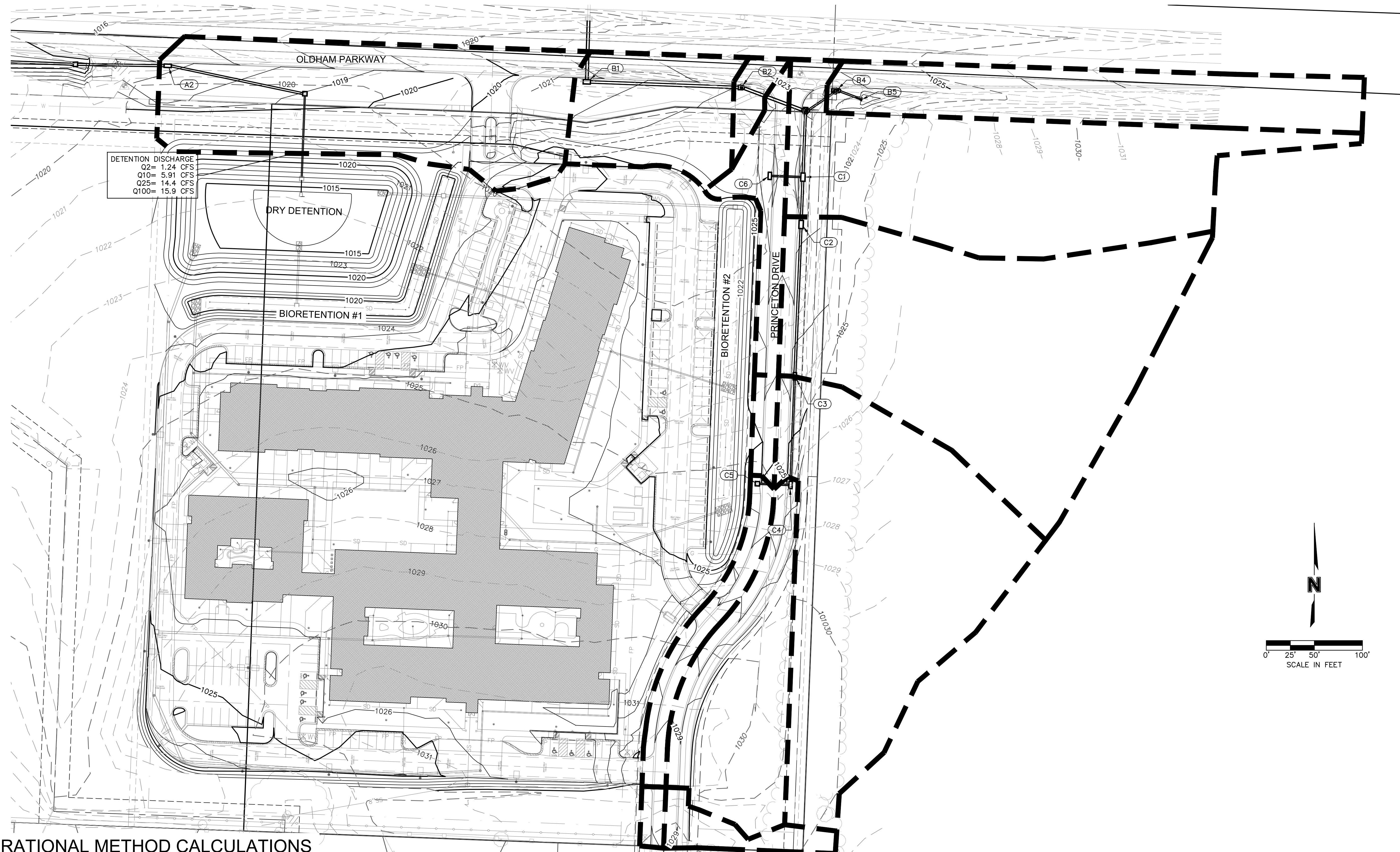


DWG: F:\2018\1001-1500\018-1450\40-Design\AutoCAD\Final Plans\Sheets\GNCA\PUBLIC STORM\C_DRN_81450.DWG USER: rjeppson
DATE: Jul 24, 2019 3:05pm XREFS: C:\BTL\22x34_81450 t_pbase_81450 t_psticmkp_70830 v_xbot_81450 v_topo_81450 C_PBASE_81450



RATIONAL METHOD CALCULATIONS

INLET	DRAINAGE AREA (AC)	Pavement Area (AC) C=0.90	Open Space Area (AC) C=0.30	RUNOFF COEFFICIENT "C2" & "C10"	RUNOFF COEFFICIENT "C25" (1.1)	RUNOFF COEFFICIENT "C50" (1.20)	RUNOFF COEFFICIENT "C100" (1.25)	Time of Concentration "Tc" (min)	2-YEAR	10-YEAR	25-YEAR	50-YEAR	100-YEAR	Q2year	Q10year	Q25year	Q50year	Q100year
									INTENSITY	INTENSITY	INTENSITY	INTENSITY	INTENSITY	(CFS)	(CFS)	(CFS)	(CFS)	(CFS)
A2 CURB INLET	1.21	0.43	0.78	0.51	0.56	0.62	0.64	5.00	5.41	7.35	8.53	9.40	10.32	3.36	4.57	5.83	7.00	8.02
B1 CURB INLET	0.47	0.12	0.35	0.45	0.49	0.54	0.56	5.00	5.41	7.35	8.53	9.40	10.32	1.14	1.55	1.97	2.37	2.71
B2 CURB INLET	0.08	0.03	0.05	0.54	0.59	0.65	0.68	5.00	5.41	7.35	8.53	9.40	10.32	0.23	0.32	0.41	0.49	0.56
B4 CURB INLET	0.52	0.29	0.23	0.64	0.70	0.77	0.80	5.00	5.41	7.35	8.53	9.40	10.32	1.80	2.44	3.11	3.74	4.28
B5 FES	0.19	0.10	0.09	0.63	0.69	0.75	0.78	5.00	5.41	7.35	8.53	9.40	10.32	0.64	0.87	1.11	1.34	1.53
C1 CURB INLET	1.42	0.09	1.33	0.34	0.37	0.41	0.42	15.00	3.72	5.18	6.01	6.70	7.36	1.79	2.49	3.18	3.87	4.43
C2 CURB INLET	1.93	0.07	1.86	0.32	0.36	0.39	0.40	15.00	3.72	5.18	6.01	6.70	7.36	2.32	3.23	4.12	5.01	5.73
C3 CURB INLET	1.67	0.05	1.62	0.32	0.35	0.38	0.40	15.00	3.72	5.18	6.01	6.70	7.36	1.97	2.74	3.50	4.26	4.87
C4 CURB INLET	0.66	0.15	0.51	0.44	0.48	0.53	0.55	5.00	5.41	7.35	8.53	9.40	10.32	1.57	2.13	2.72	3.27	3.74
C5 CURB INLET	0.23	0.13	0.10	0.63	0.69	0.76	0.79	5.00	5.41	7.35	8.53	9.40	10.32	0.78	1.07	1.36	1.64	1.87
C6 CURB INLET	0.26	0.14	0.12	0.62	0.68	0.75	0.78	5.00	5.41	7.35	8.53	9.40	10.32	0.88	1.19	1.52	1.82	2.09

A north arrow pointing upwards with the letter 'N' in the center. Below it is a scale bar labeled 'SCALE IN FEET' with markings at 0', 25', 50', and 100'.



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SE OLDHAM PARKWAY & PRINCETON DRIVE DRAINAGE AREA MAP

THE PRINCETON SENIOR LIVING
SE OLDHAM PARKWAY

LEE'S SUMMIT, MISSOURI

2019

REVISIONS DESCRIPTION

DATE _____

REVISIONS

AS-BUILT
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