



STORM SEWER SYSTEM

PID : 116570 **Date :** 07/30/2025 **Project :** ERI-006

Location : Camp Roundabout

Description : D716-HW707

Designer : BLS

Rainfall Area: A

Just Full Capacity Frequency (yrs.) : 10

Hydraulic Gradient Frequency (yrs.) : 25

Minimum Pipe Size : 12.00

Tailwater Elevation (ft.): 0.00

JUNCTION From	STATION To	From To	ΔAREA Σ AREA (acres)	ΔCA Σ CA	BEGIN TIME (min.)	RAINFALL		DISCHARGE		PIPE			F/L PIPE IN / OUT (ft.)	MEAN VEL (fps.)	JUST FULL CAPACITY (cfs.)	FRICT SLOPE (ft./ft.)	HYGR EL. IN / OUT (ft.)	COVER IN / OUT (ft.)	COVER MINUS HY GR	COVER MINUS CROWN	INLET TYPE MANNING'S 'n'
						(10 yrs.)	(25 yrs.)	(10 yrs.)	(25 yrs.)	DIAM. (in.)	LENGTH (ft.)	SLOPE (ft./ft.)									
D716	D714		0.11 0.11	0.10 0.10	10.00	4.94	4.68	0.5	0.5	12	134.0	0.0030	609.22 608.82	1.86	1.81	0.0002	609.60 609.57	612.30 611.57	2.70	2.08	CB 3A 0.015
D714	D712		0.18 0.29	0.16 0.26	11.20	4.72	4.68	1.2	1.2	12	132.0	0.0033	608.82 608.38	2.45	1.92	0.0016	609.57 609.37	611.57 610.89	2.00	1.75	CB 3A 0.015
D713	D712		0.23 0.52	0.21 0.47	15.00	4.13	4.68	0.9	1.0	12	11.0	0.0027	608.41 608.38	2.08	1.73	0.0010	609.38 609.37	610.89 610.89	1.51	1.48	CB 2-2B 0.015
D712	D711		0.23 0.75	0.21 0.68	15.09	4.12	4.68	2.8	3.2	15	50.0	0.0036	608.38 608.20	3.06	3.61	0.0032	609.37 609.21	610.89 610.50	1.52	1.26	CB 3 0.015
D715	D711		0.11 0.86	0.10 0.77	10.00	4.94	4.68	0.5	0.5	12	128.0	0.0030	608.61 608.23	1.85	1.81	0.0002	609.24 609.21	611.50 610.50	2.26	1.89	CB 3A 0.015
D711	H707		0.17 1.03	0.15 0.93	15.36	4.08	4.68	3.8	4.3	15	10.0	0.0100	608.20 608.10	4.90	6.02	0.0060	609.21 609.15	610.50 609.50	1.29	1.05	CB 3 0.015