



STORM SEWER SYSTEM

PID : 116570 **Date :** 07/02/2023 **Project :** ERI-006

Location : Camp Roundabout

Description : D707-HW704 West Leg, South Side Storm Run

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	Δ AREA Σ AREA (acres)	Δ CA 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'
						INTENSITY (10 yrs.)	(25 yrs.)	(10 yrs.)	(25 yrs.)	DIAM. (in.)	LENGTH (ft.)	SLOPE (ft./ft.)									
D707	D706		0.14 0.14	0.13 0.13	10.00	4.94	5.58	0.6	0.7	12	25.0	0.0040	607.50 607.40	2.21	2.10	0.0005	608.15 608.14	609.94 609.62	1.79	1.44	CB 3 0.015
D706	H704		0.16 0.30	0.14 0.27	10.19	4.91	5.58	1.3	1.5	12	11.0	0.0045	607.40 607.35	2.81	2.24	0.0024	608.14 608.11	609.62 609.00	1.48	1.22	CB 3 0.015