



STORM SEWER SYSTEM

PID : 103159 Date : 02/12/2020 Project : MIA-CR 25A-3.54

Location :

Description : Existing Drainage at South End of Project

Designer : DMG

Rainfall Area: B

Just Full Capacity Frequency (yrs.) : 10

Hydraulic Gradient Frequency (yrs.) : 25

Minimum Pipe Size : 12.00

Tailwater Elevation (ft.): 921.02

JUNCTION	STATION	ΔAREA	ΔCA	BEGIN	RAINFALL	DISCHARGE		PIPE			F/L PIPE	MEAN	JUST FULL	FRICT	HYGR EL.	COVER	COVER	COVER	INLET TYPE	
From	To	Σ AREA	Σ CA	TIME	INTENSITY	(cfs.)	(cfs.)	DIAM.	LENGTH	SLOPE	IN / OUT	VEL	CAPACITY	SLOPE	IN / OUT	IN / OUT	MINUS	MINUS	MANNING'S	
		(acres)		(min.)	(10 yrs.) (25 yrs.)	(10 yrs.) (25 yrs.)		(in.)	(ft.)	(ft./ft.)	(ft.)	(fps.)	(cfs.)	(ft./ft.)	(ft.)	(ft.)	HY GR	CROWN	'n'	
EX1	EX2	0.64	0.42	10.00	5.08	5.70	2.1	2.4	12	60.0	0.0045	937.14	3.00	2.23	0.0061	938.18	940.32	2.14	2.18	CB 3
	begin	0.64	0.42									936.87				937.82	940.18			0.015
EX2	EX3	0.44	0.36	10.33	5.01	5.70	3.9	4.4	12	8.0	0.0200	936.87	6.29	4.70	0.0206	937.82	940.18	2.36	2.31	CB 3
	final	1.08	0.78									936.71				937.65	940.78			0.015