Freedom Pointe **MSP No. 15352.02**
Design Flow Rates **Date 8/18/2021**

Design Point	**SE Trib**
Pre-development Data	
Drainage Area (ac)	75.00
Curve Number	87
Frequency (yr)	100
P, Rainfall (in)	5.8
Q, Runoff (in)	4.36
Q, Runoff Volume (cf)	1187492
Time of Concentration (hr)	0.75
Ia/P	0.05
Peak Unit Discharge (csm/in)	424
Peak Discharge Rates (cfs)	**217**
Estimated Pipe Size (in)	**70**
Selected Pipe Size (in)	**12'x3' Box**