

McDANIEL ENGINEERING AND SURVEYING CO.

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Project R. S. Covenant + AdditionGC 1358Page 1 of.

Structure					Flowline		Top Structure								Hyd Elev		Bend	
Upper	Lower	Length	Size	Const Slope	Upper	Lower	Upper	Lower	Σ Q	V	VH	QVH	Hyd Slope	Fr. Loss	Upper	Lower	Losses	
GI-4	GI-3	30'	12"	2.40%	525.44	524.72	527.44	526.58	0.14	0.18	.0005	.0001	.0001	0.00	526.44	525.72	-	
GI-3	GI-2	30'	12"	2.27%	524.72	524.04	526.58	525.86	0.63	0.80	.001	.006	.0011	0.03	525.72	524.63	0	
GI-2	EP-1	20'	12"	7.88%	523.62	521.57	525.62	-	3.19	4.06	0.26	0.83	.0273	0.71	524.62	522.57	0.01	