

Line No.	Line ID	Line Length (ft)	Line Size (in)	n-val Pipe	Invert Up (ft)	Invert Dn (ft)	Line Slope (%)	Gnd/Rim El Up (ft)	Gnd/Rim El Dn (ft)	HGL Up (ft)	HGL Dn (ft)	Cover Dn (ft)	Vel Ave (ft/s)	Defl Ang (Deg)	J-Loss Coeff	Minor Loss (ft)	Energy Loss (ft)	Known Q (cfs)	Flow Rate (cfs)	Capac Full (cfs)	
1	402D - 401D	82.00	36	0.013	516.64	515.94	0.85	524.04	524.00	522.34	522.26	5.06	2.89	-36.6	0.41	0.05	0.077	0.00	20.43	61.62	
2	401D - 400D	145.00	24	0.013	520.81	516.64	2.88	527.31	524.04	523.57	522.39	5.40	6.50	-54.8	0.52	0.34	1.183	0.85	20.43	38.36	
3	400D - 399D	152.00	24	0.013	524.69	520.81	2.55	531.19	527.31	526.26	523.92	4.50	6.82	2.0	0.02	0.02	1.191	0.00	19.58	36.14	
4	399D - 398D	189.00	24	0.013	526.77	524.69	1.10	537.07	531.19	528.34	526.27	4.50	7.37	-90.2	0.70	0.60	1.529	0.00	19.58	23.73	
5	398D - 397D	86.00	24	0.013	529.29	528.22	1.24	537.29	537.07	530.86	529.55	6.85	8.13	89.9	0.70	0.60	0.882	0.00	19.58	25.23	
6	397D - 403D	47.00	18	0.013	529.56	529.29	0.57	539.56	537.29	531.69	531.46	6.50	4.21	-91.7	0.76	0.21	0.236	1.32	7.44	7.96	
7	403D - 412D	87.00	15	0.013	532.93	529.56	3.87	542.63	539.56	533.92	531.90	8.75	5.43	48.0	0.49	0.26	0.808	1.54	6.12	12.71	
8	412D - 411D	37.00	15	0.013	535.84	533.23	7.05	543.57	542.63	536.70	534.18	8.15	4.84	-50.5	0.49	0.20	0.248	1.32	4.58	17.15	
9	411D - 410D	91.00	15	0.013	540.36	539.42	1.03	545.22	543.57	541.08	540.04	2.90	4.88	5.1	0.06	0.02	0.753	0.00	3.26	6.56	
10	410D - 27	38.00	15	0.013	541.30	540.42	2.32	546.00	545.22	542.02	541.10	3.55	4.60	78.7	0.65	0.20	0.266	0.00	3.26	9.83	
11	27 - 409D	59.00	15	0.013	542.68	541.30	2.34	554.98	546.00	543.40	542.22	3.45	3.90	0.0	0.00	0.00	0.281	0.00	3.26	9.88	
12	409D - 408D	29.00	15	0.013	545.75	545.23	1.79	555.15	554.98	546.48	545.76	8.50	5.46	10.2	0.13	0.04	0.347	0.00	3.26	8.65	
13	408D - 407D	29.00	12	0.013	546.02	545.75	0.93	554.62	555.15	546.80	546.53	8.40	4.98	46.6	0.48	0.19	0.270	0.37	3.26	3.44	
14	407D - 12	33.00	12	0.013	546.36	546.02	1.03	553.80	554.62	546.99	546.98	7.60	2.13	1.1	0.01	0.00	0.064	0.00	1.33	3.61	
15	12 - 11	22.00	12	0.013	546.59	546.36	1.05	553.40	553.80	546.98	546.99	6.44	1.70	-0.2	0.00	0.00	0.040	0.62	0.62	3.64	
16	397D - 396D	52.00	18	0.013	531.21	530.29	1.77	535.54	537.29	532.53	531.46	5.50	7.80	43.3	0.46	0.39	0.698	1.92	12.14	13.97	
17	407D - 373D	8.00	15	0.013	548.55	548.20	4.37	554.95	554.62	549.46	548.49	5.17	4.48	-55.8	0.52	0.02	0.177	0.00	1.56	13.51	
18	12 - 25D	114.00	12	0.013	547.50	546.36	1.00	554.00	553.80	547.86	546.99	6.44	2.09	42.7	0.45	0.06	0.346	0.00	0.71	3.56	
19	396D - 395D	68.00	18	0.013	531.89	531.21	1.00	538.14	535.54	533.56	532.92	2.83	5.78	-47.8	0.48	0.25	0.644	0.34	10.22	10.50	
20	373D - 414D	62.00	15	0.013	549.78	548.55	1.98	555.03	554.95	550.28	549.48	5.15	2.50	25.3	0.29	0.05	0.182	1.56	1.56	9.10	
21	25D - 26D	27.00	12	0.013	547.77	547.50	1.00	554.25	554.00	548.13	547.91	5.50	2.57	-45.0	0.47	0.06	0.114	0.00	0.71	3.56	

Project File: EAB AND ISB 15 YR 20 MIN.stm

Number of lines: 39

Date: 05-12-2016

NOTES: ** At critical depth