

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	522.40	522.26	5.06	3.89	-36.6	0.41	0.10	0.139	0.00	27.50	61.62	
2	401D - 400D	145.00	24	0.013	520.81	516.64	2.88	527.31	524.04	524.64	522.50	5.40	8.75	-54.8	0.52	0.62	2.144	1.14	27.50	38.36	
3	400D - 399D	152.00	24	0.013	524.69	520.81	2.55	531.19	527.31	527.33	525.26	4.50	8.39	2.0	0.02	0.02	2.065	0.00	26.36	36.14	
4	399D - 398D	189.00	24	0.013	526.77	524.69	1.10	537.07	531.19	529.92	527.35	4.50	8.39	-90.2	0.70	0.77	2.568	0.00	26.36	23.73	
5	398D - 397D	86.00	24	0.013	529.29	528.22	1.24	537.29	537.07	531.85	530.68	6.85	8.39	89.9	0.70	0.77	1.168	0.00	26.36	25.23	
6	397D - 403D	47.00	18	0.013	529.56	529.29	0.57	539.56	537.29	533.05	532.62	6.50	5.68	-91.7	0.76	0.38	0.429	1.78	10.03	7.96	
7	403D - 412D	87.00	15	0.013	532.93	529.56	3.87	542.63	539.56	534.85	533.43	8.75	6.72	48.0	0.49	0.34	1.420	2.07	8.25	12.71	
8	412D - 411D	37.00	15	0.013	535.84	533.23	7.05	543.57	542.63	536.84	535.19	8.15	5.47	-50.5	0.49	0.27	0.349	1.78	6.18	17.15	
9	411D - 410D	91.00	15	0.013	540.36	539.42	1.03	545.22	543.57	541.20	540.17	2.90	5.36	5.1	0.06	0.02	0.801	0.00	4.40	6.56	
10	410D - 27	38.00	15	0.013	541.30	540.42	2.32	546.00	545.22	542.14	541.22	3.55	5.15	78.7	0.65	0.25	0.300	0.00	4.40	9.83	
11	27 - 409D	59.00	15	0.013	542.68	541.30	2.34	554.98	546.00	543.52	542.39	3.45	4.44	0.0	0.00	0.00	0.342	0.00	4.40	9.88	
12	409D - 408D	29.00	15	0.013	545.75	545.23	1.79	555.15	554.98	546.64	545.86	8.50	5.88	10.2	0.13	0.04	0.349	0.00	4.40	8.65	
13	408D - 407D	29.00	12	0.013	546.02	545.75	0.93	554.62	555.15	547.19	546.75	8.40	5.60	46.6	0.48	0.23	0.443	0.50	4.40	3.44	
14	407D - 12	33.00	12	0.013	546.36	546.02	1.03	553.80	554.62	547.51	547.43	7.60	2.29	1.1	0.01	0.00	0.084	0.00	1.80	3.61	
15	12 - 11	22.00	12	0.013	546.59	546.36	1.05	553.40	553.80	547.52	547.51	6.44	1.09	-0.2	0.00	0.00	0.011	0.84	0.84	3.64	
16	397D - 396D	52.00	18	0.013	531.21	530.29	1.77	535.54	537.29	533.88	532.62	5.50	9.24	43.3	0.46	0.61	1.258	2.57	16.33	13.97	
17	407D - 373D	8.00	15	0.013	548.55	548.20	4.37	554.95	554.62	549.63	548.54	5.17	4.89	-55.8	0.52	0.03	0.173	0.00	2.10	13.51	
18	12 - 25D	114.00	12	0.013	547.50	546.36	1.00	554.00	553.80	547.92	547.51	6.44	2.17	42.7	0.45	0.07	0.359	0.00	0.96	3.56	
19	396D - 395D	68.00	18	0.013	531.89	531.21	1.00	538.14	535.54	535.65	534.49	2.83	7.79	-47.8	0.48	0.45	1.168	0.45	13.76	10.50	
20	373D - 414D	62.00	15	0.013	549.78	548.55	1.98	555.03	554.95	550.36	549.66	5.15	2.80	25.3	0.29	0.06	0.199	2.10	2.10	9.10	
21	25D - 26D	27.00	12	0.013	547.77	547.50	1.00	554.25	554.00	548.19	547.98	5.50	2.83	-45.0	0.47	0.07	0.119	0.00	0.96	3.56	

Project File: EAB AND ISB 100 YR 20 MIN.stm

Number of lines: 39

Date: 05-12-2016

NOTES: ** At critical depth