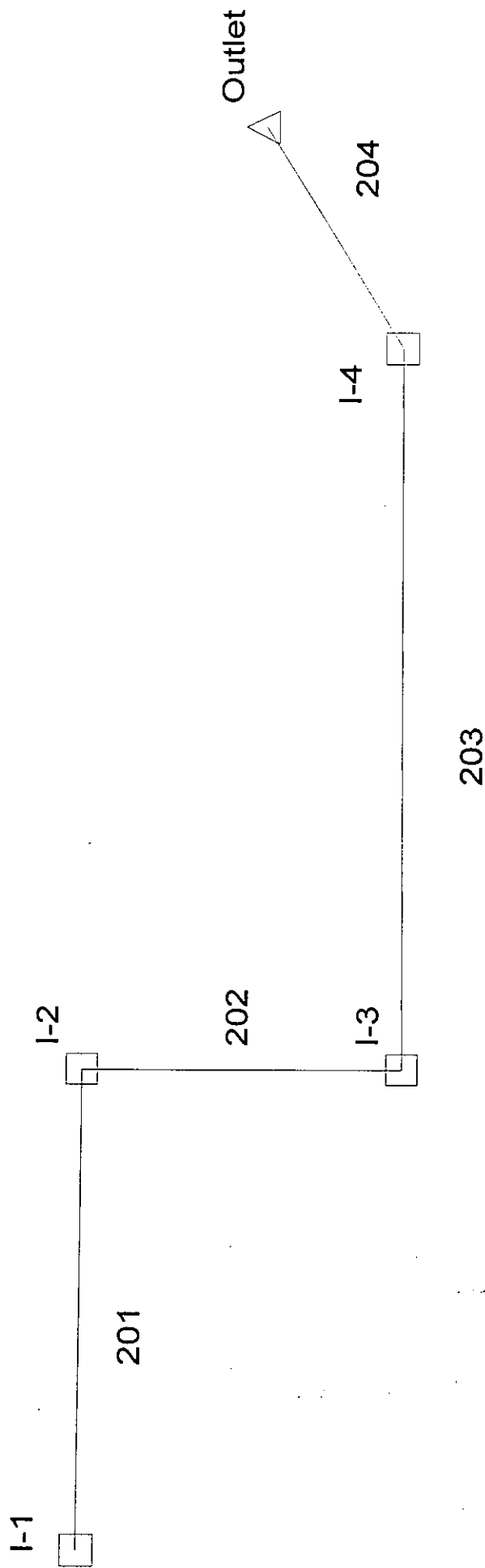


## Pipe Report

Pipe	Up Node	Dn Node	Q (cfs)	Length (ft)	S (ft/ft)	Size	Roughness	Cap (cfs)	Up Invert (ft)	Dn Invert (ft)	Up Cover (ft)	Dn Cover (ft)	Up HGL (ft)	Dn HGL (ft)
101	I-1	I-2	2.50	127.22	0.006288	15 inch	0.013	5.12	1,321.55	1,320.75	2.00	2.00	1,322.18	1,321.50
102	I-2	I-3	3.86	33.70	0.003000	15 inch	0.013	3.54	1,320.50	1,320.40	2.25	2.35	1,321.50	1,321.33
P-3	I-3	Outlet	5.22	189.30	0.039086	15 inch	0.013	12.77	1,320.40	1,313.00	2.35	3.75	1,321.33	1,317.40
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

## Node Report

Node	Inlet A (acres)	C	Up Flow Time (min)	Sys Flow Time (min)	Q (cfs)	Rim (ft)	Gr Elev (ft)	HGL In (ft)	HGL Out (ft)	Sump (ft)	Add. Q (cfs)	Known Flow (cfs)
I-1	0.00	0.00	0.00	0.00	2.50	1,324.80	1,324.80	1,322.18	1,322.18	1,321.55	0.00	2.50
I-2	0.00	0.00	0.58	0.58	3.86	1,324.00	1,324.00	1,321.50	1,321.50	1,320.50	1.36	2.50
I-3	0.00	0.00	0.73	0.73	5.22	1,324.00	1,324.00	1,321.33	1,321.33	1,320.40	1.36	2.50
Outlet	N/A	N/A	1.39	1.39	N/A	1,318.00	1,318.00	1,317.40	1,317.40	1,313.00	N/A	N/A



## Node Report

Node	Inlet A (acres)	C	Up Flow Time (min)	Sys Flow Time (min)	Q (cfs)	Rim (ft)	Gr Elev (ft)	HGL In (ft)	HGL Out (ft)	Sump (ft)	Add. Q (cfs)	Known Flow (cfs)
I-1	0.00	0.00	0.00	0.00	4.14	1,335.00	1,335.00	1,332.57	1,332.57	1,331.75	4.14	0.00
I-2	0.00	0.00	1.27	1.27	12.71	1,329.40	1,329.40	1,326.69	1,326.69	1,324.45	8.57	0.00
I-3	0.00	0.00	2.26	2.26	12.71	1,331.90	1,331.90	1,325.93	1,325.93	1,323.25	0.00	0.00
I-4	0.00	0.00	3.58	3.58	16.21	1,327.00	1,327.00	1,324.92	1,324.92	1,321.40	3.50	0.00
Outlet	N/A	N/A	3.84	3.84	N/A	1,326.00	1,326.00	1,324.50	1,324.50	1,320.00	N/A	N/A

# Pipe Report

Pipe	Up Node	Dn Node	Q (cfs)	Length (ft)	S (ft/ft)	Size	Roughness	Cap (cfs)	Up Invert (ft)	Dn Invert (ft)	Up Cover (ft)	Dn Cover (ft)	Up HGL (ft)	Dn HGL (ft)
201	I-1	I-2	4.14	312.80	0.020141	15 inch	0.013	9.17	1,331.75	1,325.45	2.00	2.70	1,332.57	1,326.69
202	I-2	I-3	12.71	239.10	0.005000	24 inch	0.013	16.00	1,324.45	1,323.25	2.95	6.65	1,326.69	1,325.93
203	I-3	I-4	12.71	320.60	0.005001	24 inch	0.013	16.00	1,323.25	1,321.65	6.65	3.35	1,325.93	1,324.92
204	I-4	Outlet	16.21	82.00	0.017089	24 inch	0.013	29.57	1,321.40	1,320.00	3.60	4.00	1,324.92	1,324.50
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

C-1



301

C-2



302

Outlet

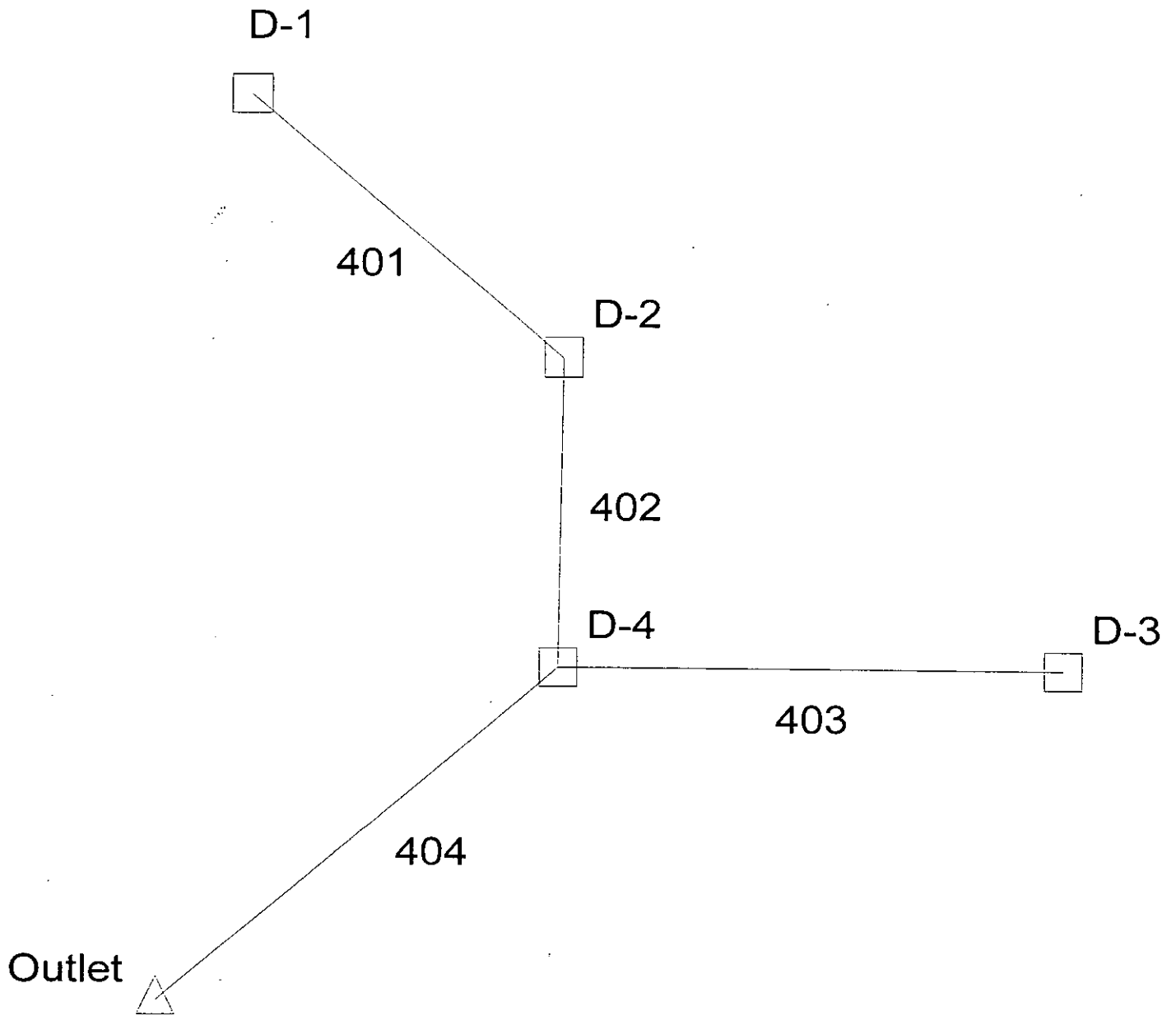


## Node Report

Node	Inlet A (acres)	C	Up Flow Time (min)	Sys Flow Time (min)	Q (cfs)	Rim (ft)	Gr Elev (ft)	HGL In (ft)	HGL Out (ft)	Sump (ft)	Add. Q (cfs)	Known Flow (cfs)
C-1	0.00	0.00	0.00	0.00	11.20	1,327.70	1,327.70	1,326.34	1,326.34	1,323.70	11.20	0.00
C-2	0.00	0.00	0.10	0.10	35.62	1,327.70	1,327.70	1,325.53	1,325.53	1,323.50	24.42	0.00
Outlet	N/A	N/A	0.50	0.50	N/A	1,327.00	1,327.00	1,324.50	1,324.50	1,322.00	N/A	N/A

## Pipe Report

Pipe	Up Node	Dn Node	Q (cfs)	Length (ft)	S (ft/ft)	Size	Roughness	Cap (cfs)	Up Invert (ft)	Dn Invert (ft)	Up Cover (ft)	Dn Cover (ft)	Up HGL (ft)	Dn HGL (ft)
301	C-1	C-2	11.20	39.70	0.005038	18 inch	0.013	7.46	1,324.70	1,324.50	1.50	1.70	1,326.34	1,325.78
302	C-2	Outlet	35.62	187.00	0.008021	30 inch	0.013	36.73	1,323.50	1,322.00	1.70	2.50	1,325.53	1,324.50
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A



## Node Report

Node	Inlet A (acres)	C	Up Flow Time (min)	Sys Flow Time (min)	Q (cfs)	Rim (ft)	Gr Elev (ft)	HGL In (ft)	HGL Out (ft)	Sump (ft)	Add. Q (cfs)	Known Flow (cfs)
D-3	0.00	0.00	0.00	0.00	6.16	1,331.00	1,331.00	1,330.87	1,330.87	1,327.25	6.16	0.00
D-1	0.00	0.00	0.00	0.00	7.34	1,334.50	1,334.50	1,333.12	1,333.12	1,331.00	7.34	0.00
D-2	0.00	0.00	0.42	0.42	10.20	1,332.20	1,332.20	1,331.16	1,331.16	1,328.45	2.86	0.00
D-4	0.00	0.00	0.88	0.88	16.36	1,332.80	1,332.80	1,330.24	1,330.24	1,325.58	0.00	0.00
Outlet	N/A	N/A	1.64	1.64	N/A	1,329.00	1,329.00	1,329.00	1,329.00	1,324.39	N/A	N/A

## Pipe Report

Pipe	Up Node	Dn Node	Q (cfs)	Length (ft)	S (ft/ft)	Size	Roughness	Cap (cfs)	Up Invert (ft)	Dn Invert (ft)	Up Cover (ft)	Dn Cover (ft)	Up HGL (ft)	Dn HGL (ft)
403	D-3	D-4	6.16	183.90	0.005000	18 inch	0.013	7.43	1,327.25	1,326.33	2.25	4.97	1,330.87	1,330.24
401	D-1	D-2	7.34	152.00	0.015132	15 inch	0.013	7.95	1,331.00	1,328.70	2.25	2.25	1,333.12	1,331.16
402	D-2	D-4	10.20	97.60	0.021716	18 inch	0.013	15.48	1,328.45	1,326.33	2.25	4.97	1,331.16	1,330.24
404	D-4	Outlet	16.36	237.20	0.005000	24 inch	0.013	16.00	1,325.58	1,324.39	5.22	2.61	1,330.24	1,329.00
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

E-1



501

E-2



502



Outlet

## Node Report

Node	Inlet A (acres)	C	Up Flow Time (min)	Sys Flow Time (min)	Q (cfs)	Rim (ft)	Gr Elev (ft)	HGL In (ft)	HGL Out (ft)	Sump (ft)	Add. Q (cfs)	Known Flow (cfs)
E-1	0.00	0.00	0.00	0.00	17.70	1,324.00	1,324.00	1,323.08	1,323.08	1,320.35	17.70	0.00
E-2	0.00	0.00	0.06	0.06	28.19	1,324.00	1,324.00	1,322.10	1,322.10	1,319.15	1.36	9.13
Outlet	N/A	N/A	0.45	0.45	N/A	1,320.00	1,320.00	1,318.80	1,318.80	1,314.00	N/A	N/A

## Pipe Report

Pipe	Up Node	Dn Node	Q (cfs)	Length (ft)	S (ft/ft)	Size	Roughness	Cap (cfs)	Up Invert (ft)	Dn Invert (ft)	Up Cover (ft)	Dn Cover (ft)	Up HGL (ft)	Dn HGL (ft)
501	E-1	E-2	17.70	34.60	0.020231	18 inch	0.013	14.94	1,320.35	1,319.65	2.15	2.85	1,323.08	1,322.10
502	E-2	Outlet	28.19	212.30	0.024240	24 inch	0.013	35.22	1,319.15	1,314.00	2.85	4.00	1,322.10	1,318.80
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Outlet



602

F-2



601

F-1



## Node Report

Node	Inlet A (acres)	C	Up Flow Time (min)	Sys Flow Time (min)	Q (cfs)	Rim (ft)	Gr Elev (ft)	HGL In (ft)	HGL Out (ft)	Sump (ft)	Add. Q (cfs)	Known Flow (cfs)
F-1	0.00	0.00	0.00	0.00	17.20	1,320.30	1,320.30	1,320.14	1,320.14	1,316.55	17.20	0.00
F-2	0.00	0.00	0.19	0.19	34.23	1,320.30	1,320.30	1,320.07	1,320.07	1,316.43	17.03	0.00
Outlet	N/A	N/A	0.63	0.63	N/A	1,320.00	1,320.00	1,318.80	1,318.80	1,314.00	N/A	N/A

## Pipe Report

Pipe	Up Node	Dn Node	Q (cfs)	Length (ft)	S (ft/ft)	Size	Roughness	Cap (cfs)	Up Invert (ft)	Dn Invert (ft)	Up Cover (ft)	Dn Cover (ft)	Up HGL (ft)	Dn HGL (ft)
601	F-1	F-2	17.20	40.68	0.003000	30 inch	0.013	22.46	1,316.55	1,316.43	1.25	1.37	1,320.14	1,320.07
602	F-2	Outlet	34.23	182.50	0.013304	30 inch	0.013	47.31	1,316.43	1,314.00	1.37	3.50	1,320.07	1,318.80
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

G-1



701

G-2



702



Outlet

## Combined Pipe/Node Report

Pipe	Up Node	Dn Node	Length (ft)	Size	Cap (cfs)	V avg (ft/s)	Up Invert (ft)	Dn Invert (ft)	S (ft/ft) †	Description	Q (cfs)
701	G-1	G-2	40.70	18 inch	7.54	5.80	1,319.25	1,319.04	0.005160		9.24
702	G-2	Outlet	194.30	24 inch	34.58	6.50	1,318.54	1,314.00	0.023366		18.54

# Pipe Report

Pipe	Up Node	Dn Node	Q (cfs)	Length (ft)	S (ft/ft)	Size	Roughness	Cap (cfs)	Up Invert (ft)	Dn Invert (ft)	Up Cover (ft)	Dn Cover (ft)	Up HGL (ft)	Dn HGL (ft)
701	G-1	G-2	9.24	40.70	0.005160	18 inch	0.013	7.54	1,319.25	1,319.04	1.25	1.46	1,320.65	1,320.22
702	G-2	Outlet	18.54	194.30	0.023366	24 inch	0.013	34.58	1,318.54	1,314.00	1.46	4.00	1,320.09	1,318.80
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Outlet

803

H-3

802

H-2

801

H-1

## Node Report

Node	Inlet A (acres)	C	Up Flow Time (min)	Sys Flow Time (min)	Q (cfs)	Rim (ft)	Gr Elev (ft)	HGL In (ft)	HGL Out (ft)	Sump (ft)	Add. Q (cfs)	Known Flow (cfs)
H-1	0.00	0.00	0.00	0.00	17.92	1,314.00	1,314.00	1,313.62	1,313.62	1,310.25	17.92	0.00
H-2	0.00	0.00	0.56	0.56	37.80	1,316.30	1,316.30	1,313.39	1,313.39	1,308.88	19.88	0.00
H-3	0.00	0.00	0.68	0.68	56.90	1,316.30	1,316.30	1,313.26	1,313.26	1,308.76	19.10	0.00
Outlet	N/A	N/A	1.07	1.07	N/A	1,316.00	1,316.00	1,311.90	1,311.90	1,306.00	N/A	N/A

# Pipe Report

Pipe	Up Node	Dn Node	Q (cfs)	Length (ft)	S (ft/ft)	Size	Roughness	Cap (cfs)	Up Invert (ft)	Dn Invert (ft)	Up Cover (ft)	Dn Cover (ft)	Up HGL (ft)	Dn HGL (ft)
801	H-1	H-2	17.92	121.70	0.007149	30 inch	0.013	34.68	1,310.25	1,309.38	1.25	4.42	1,313.62	1,313.39
802	H-2	H-3	37.80	40.70	0.003000	36 inch	0.013	36.53	1,308.88	1,308.76	4.42	4.54	1,313.39	1,313.26
803	H-3	Outlet	56.90	186.60	0.014806	36 inch	0.013	81.15	1,308.76	1,306.00	4.54	7.00	1,313.26	1,311.90
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

I-1



901

Outlet



## Node Report

Node	Inlet A (acres)	C	Up Flow Time (min)	Sys Flow Time (min)	Q (cfs)	Rim (ft)	Gr Elev (ft)	HGL In (ft)	HGL Out (ft)	Sump (ft)	Add. Q (cfs)	Known Flow (cfs)
I-1	0.00	0.00	0.00	0.00	11.43	1,319.90	1,319.90	1,318.73	1,318.73	1,315.15	11.43	0.00
Outlet	N/A	N/A	0.33	0.33	N/A	1,316.00	1,316.00	1,313.00	1,313.00	1,306.00	N/A	N/A

# Pipe Report

Pipe	Up Node	Dn Node	Q (cfs)	Length (ft)	S (ft/ft)	Size	Roughness	Cap (cfs)	Up Invert (ft)	Dn Invert (ft)	Up Cover (ft)	Dn Cover (ft)	Up HGL (ft)	Dn HGL (ft)
901	I-1 N/A	Outlet N/A	11.43 N/A	182.90 N/A	0.050000 N/A	15 inch N/A	0.013 N/A	14.44 N/A	1,315.15 N/A	1,306.00 N/A	3.51 N/A	8.75 N/A	1,318.73 N/A	1,313.00 N/A