

GEORGE G. GISH EST.
D.B. 229, PG. 447

AS-BUILT PLAN
SANITARY SEWER & WATERLINES
SPRINGTREE

PROPERTY OF
FRALIN & WALDRON, INC.
ROANOKE COUNTY, VIRGINIA
SCALE: 1" = 60'
FEB. 1974
REVISED MAY 12, 1977
BY: T.P. PARKER & SON
Engineers & Surveyors

LEGEND:
W.L. = WATERLINE
F.V. = FLUSH VALVE
V = GATE VALVE
F.H. = FIRE HYDRANT
D = DOUBLE WATER METERS
L = LENGTH OF SAN. SEW. LATERAL
D = DEPTH OF SAN. SEW. LATERAL
APCO KING = APPLACHIAN POWER CONDUIT, 3' DEEP

LEGEND FOR
DRAIN INLETS

D.I.	10	M.H.	FT. PIPE	%
1	D.I.-3C	1	240'-15"	10.0
2	D.I.-3B	3	110'-24"	3.9
3	D.I.-3C	4	240'-24"	3.4
4	D.I.-3A	7	185'-18"	2.1
5	D.I.-3B	8	180'-15"	1.3
6	D.I.-3B	9	235'-15"	2.9
7	D.I.-3B	10	40'-15"	1.0
8	D.I.-3B	11	150'-15"	3.5
9	D.I.-3B	12	50'-36"	3.2
10	D.I.-3B	13	10'-15"	0.2
11	D.I.-3B	14	270'-42"	1.5
12	D.I.-3B	15	10'-15"	0.2
13	D.I.-3B	16	270'-42"	1.5
14	D.I.-3B	17	10'-15"	0.2
15	D.I.-3A	18	10'-15"	0.2
16	D.I.-3C	19	10'-15"	0.2

D.I.-15 to Ditch 100'-42" 10%
M.H.-4 to Endwall 165'-36" 10%

STORM SEWER

Throat	Top	D.I.	Inv.	D.I.	Inv.	FT. PIPE	%
121	1002.2	2	998.0	2	3	200'-15"	1.10
121	999.5	3	994.4	3	4	40'-30"	2.30
81	993.5	5	989.5	5	6	50'-15"	3.20
201	992.2	6	987.9	6	7	35'-18"	0.80
181	1004.8	11	999.2	11	12	175'-30"	4.00
81	991.0	14	985.5	14	15	180'-42"	1.10
251	989.0	15	983.5	15	16	35'-15"	2.50
81	1031.5	1	1030.2				
251	999.5	4	993.5				
81	992.2	7	987.9				
61	981.8	8	977.8				
101	1017.1	9	1013.1				
141	1010.5	10	1006.5				
141	997.0	13	991.7				
61	1000.0	15	996.0				
61	989.0	16	984.9				

STORM SEWER

Top	M.H.	Inv.	M.H.	Inv.	FT. PIPE	%
1008.5	1	1003.6	1	1A	185'-24"	3.10
1005.3	1	996.0				
1020.0	2	1014.2	1	2	190'-18"	7.80
988.1	3	983.0	3	4	395'-30"	2.20
980.0	4	973.5				
1010.6	5	1006.1				
996.0	6	990.1				

SANITARY SEWER

INVERT TOP	M.H.	Inv.	M.H.	Inv.	FT. PIPE	%
920.0	2	966.4	2	3	275'	1.82
925.0	3	972.0	3	4	175'	3.43
971.0	4	978.5	4	5	250'	1.60
975.0	5	983.0	5	6	270'	2.96
983.0	6	989.3	6	7	280'	2.98
990.0	7	999.7	7	8	155'	4.80
996.0	8	1003.0	8	9	280'	3.93
1007.0	9	1114.0	9	10	120'	11.67
977.0	10	985.0	10	11	247'	2.43
983.0	11	992.0	11	12	245'	4.08
992.0	12	1001.1	12	13	215'	4.89
1001.0	13	1008.9	13	14	140'	1.43
993.0	14	1001.8	14	15	175'	5.14
1003.0	15	1008.5	15	16	395'	2.78
1003.0	16	1013.5	16	17	250'	7.20
1021.0	17	1030.0	17	18	255'	4.00
1030.0	18	1039.5	18	19	392'	0.50
1031.0	19	1044.5	19	20	100'	0.50
1030.5	20	1038.0	20	21	330'	5.76
1025.0	21	1009.0	21	22	175'	4.57
996.0	22	994.8	22	23	205'	3.41
994.0	23	1001.8	23	24	160'	3.12
1001.0	24	1010.0	24	25	205'	0.97
1006.0	25	1018.1	25	26	230'	1.75
1003.0	26	1011.0	26	27	250'	0.80
994.0	27	1001.8				
984.9	28	989.0				
1021.0	29	1026.5				



V.A. SEC. RTE. NR. 653