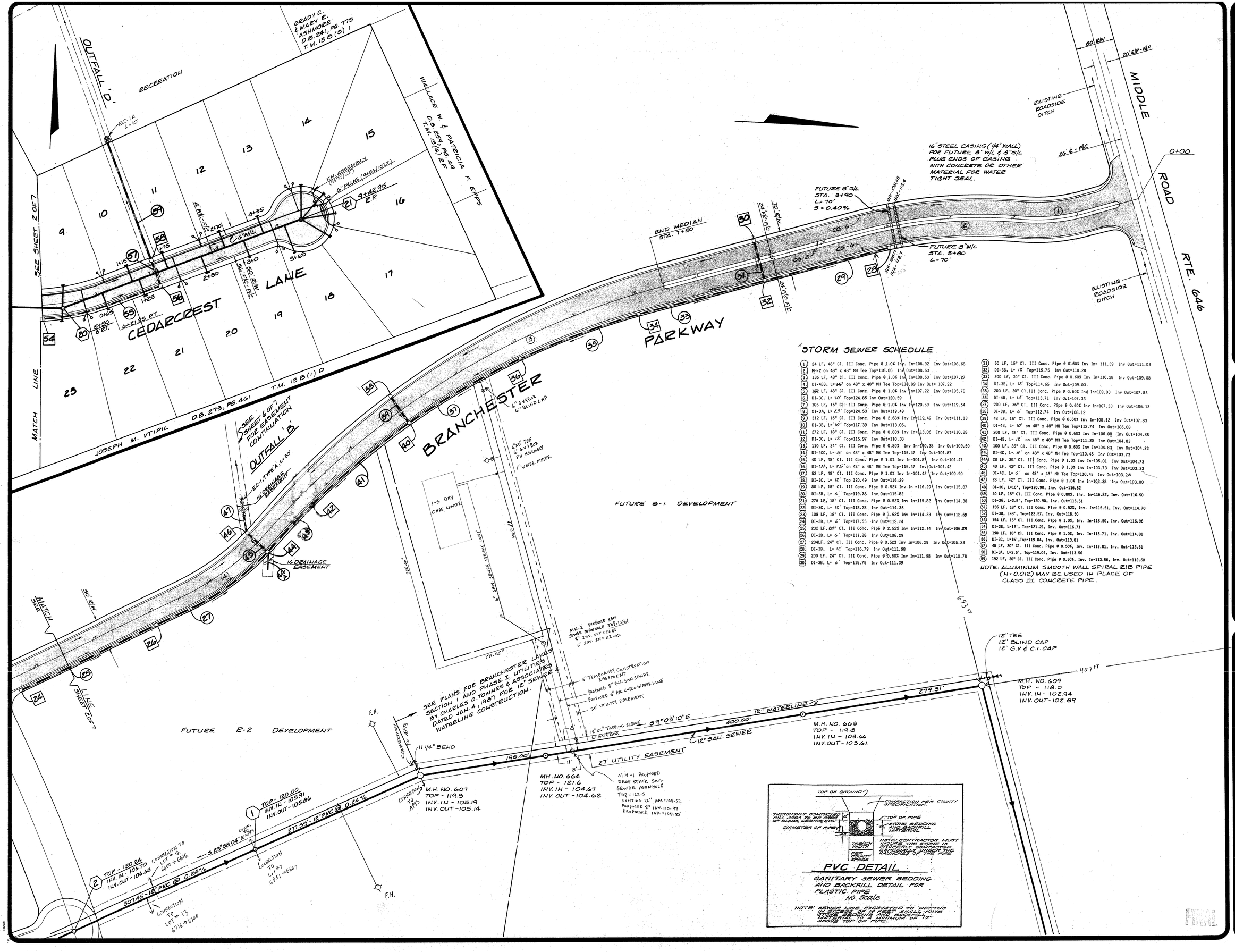

STORM SEWER SCHEDULE

1	24 LF, 48" Cl. III Conc. Pipe @ 1.0% Inv. In=108.92 Inv Out=108.68
2	MH-2 on 48" x 48" MH Tee Top=118.00 Inv Out=108.63
3	136 LF, 48" Cl. III Conc. Pipe @ 1.0% Inv In=108.63 Inv Out=107.27
4	DI-4BB, L= 14' on 48" x 48" MH Tee Top=111.89 Inv Out= 107.22
5	102 LF, 48" Cl. III Conc. Pipe @ 1.0% Inv In=107.22 Inv Out=105.70
6	DI-3C, L= 10' Top=124.85 Inv Out=120.59
7	105 LF, 15" Cl. III Conc. Pipe @ 1.0% Inv In=120.59 Inv Out=119.54
8	DI-3A, L= 2.5' Top=124.53 Inv Out=119.49
9	312 LF, 15" Cl. III Conc. Pipe @ 2.68% Inv In=119.49 Inv Out=111.13
10	DI-3B, L= 10' Top=117.39 Inv Out=113.06
11	272 LF, 18" Cl. III Conc. Pipe @ 0.80% Inv In=113.06 Inv Out=110.88
12	DI-3C, L= 12' Top=115.97 Inv Out=110.38
13	110 LF, 24" Cl. III Conc. Pipe @ 0.80% Inv In=110.38 Inv Out=109.50
14	DI-4CC, L= 8' on 48" x 48" MH Tee Top=115.47 Inv Out=101.87
15	40 LF, 48" Cl. III Conc. Pipe @ 1.0% Inv In=101.87 Inv Out=101.47
16	DI-4AA, L= 2.5' on 48" x 48" MH Tee Top=115.47 Inv Out=101.42
17	52 LF, 48" Cl. III Conc. Pipe @ 1.0% Inv In=101.42 Inv Out=100.90
18	DI-3C, L= 12' Top 120.49 Inv Out=116.29
19	80 LF, 18" Cl. III Conc. Pipe @ 0.52% Inv In =116.29 Inv Out=115.87
20	DI-3B, L= 6' Top=119.78 Inv Out=115.82
21	276 LF, 18" Cl. III Conc. Pipe @ 0.52% Inv In=115.82 Inv Out=114.38
22	DI-3C, L= 12' Top=118.28 Inv Out=114.33
23	108 LF, 18" Cl. III Conc. Pipe @ 1.52% Inv In=114.33 Inv Out=112.69
24	DI-3B, L= 6' Top=117.55 Inv Out=112.14
25	232 LF, 24" Cl. III Conc. Pipe @ 2.52% Inv In=112.14 Inv Out=106.29
26	DI-3B, L= 6' Top=111.88 Inv Out=106.29
27	204LF, 24" Cl. III Conc. Pipe @ 0.52% Inv In=106.29 Inv Out=105.23
28	DI-3B, L= 12' Top=116.79 Inv Out=111.98
29	200 LF, 24" Cl. III Conc. Pipe @ 0.60% Inv In=111.98 Inv Out=110.78
30	DI-3B, L= 6' Top=115.75 Inv Out=111.39
31	60 LF, 15" Cl. III Conc. Pipe @ 0.60% Inv In= 111.39 Inv Out=111.03
32	DI-3B, L= 12' Top=115.75 Inv Out=110.28
33	200 LF, 30" Cl. III Conc. Pipe @ 0.60% Inv In=110.28 Inv Out=109.08
34	DI-3B, L= 12' Top=114.65 Inv Out=109.03
35	200 LF, 30" Cl.III Conc. Pipe @ 0.60% Inv In=109.03 Inv Out=107.83
36	DI-4B, L= 14' Top=113.71 Inv Out=107.33
37	200 LF, 36" Cl. III Conc. Pipe @ 0.60% Inv In=107.33 Inv Out=106.13
38	DI-3B, L= 6' Top=112.74 Inv Out=108.12
39	48 LF, 15" Cl. III Conc. Pipe @ 0.60% Inv In=108.12 Inv Out=107.83
40	DI-4B, L= 10' on 48" x 48" MH Tee Top=112.74 Inv Out=106.08
41	200 LF, 36" Cl. III Conc. Pipe @ 0.60% Inv In=106.08 Inv Out=104.88
42	DI-4B, L= 12' on 48" x 48" MH Tee Top=111.30 Inv Out=104.83
43	100 LF, 36" Cl. III Conc. Pipe @ 0.60% Inv In=104.83 Inv Out=104.23
44	DI-4C, L= 8' on 48" x 48" MH Tee Top=110.45 Inv Out=103.73
44A	28 LF, 30" Cl. III Conc. Pipe @ 1.0% Inv In=105.01 Inv Out=104.73
45	40 LF, 42" Cl. III Conc. Pipe @ 1.0% Inv In=103.73 Inv Out=103.33
46	DI-4C, L= 6' on 48" x 48" MH Tee Top=110.45 Inv Out=103.26
47	28 LF, 42" Cl. III Conc. Pipe @ 1.0% Inv In=103.28 Inv Out=103.00
48	DI-3C, L=10', Top=120.90, Inv. Out=116.82
49	40 LF, 15" Cl. III Conc. Pipe @ 0.80%, Inv. In=116.82, Inv. Out=116.50
50	DI-3A, L=2.5', Top=120.90, Inv. Out=115.51
51	156 LF, 18" Cl. III Conc. Pipe @ 0.52%, Inv. In=115.51, Inv. Out=114.70
52	DI-3B, L=8', Top=122.57, Inv. Out=118.50
53	154 LF, 15" Cl. III Conc. Pipe @ 1.0%, Inv. In=118.50, Inv. Out=116.96
54	DI-3B, L=12', Top=121.21, Inv. Out=116.71
55	190 LF, 18" Cl. III Conc. Pipe @ 1.0%, Inv. In=116.71, Inv. Out=114.81
56	DI-3C, L=16', Top=119.04, Inv. Out=113.81
57	40 LF, 30" Cl. III Conc. Pipe @ 0.50%, Inv. In=113.81, Inv. Out=113.61
58	DI-3A, L=2.5', Top=119.04, Inv. Out=113.56
59	192 LF, 30" Cl. III Conc. Pipe @ 0.50%, Inv. In=113.56, Inv. Out=112.60

NOTE: ALUMINUM SMOOTH WALL SPIRAL RIB PIPE (N=0.012) MAY BE USED IN PLACE OF CLASS III CONCRETE PIPE.

PVC DETAIL

SANITARY SEWER BEDDING AND BACKFILL DETAIL FOR PLASTIC PIPE

No Scale

NOTE: SEWER LINE EXCAVATED TO DEPTHS IN EXCESS OF 16 FEET SHALL HAVE STONE BEDDING AND BACKFILL MATERIAL TO A MINIMUM OF 12" ABOVE TOP OF PIPE.

J. K. TIMMONS & ASSOCIATES, P.C.
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BRANCHESTER LAKES
SECTION 2
PLAN

△1 COUNTY REV. 12-3-87
△2 COUNTY REV. 12-30-87

REVISIONS

COMMONWEALTH OF VIRGINIA
EDWARD L. GLASS
CERTIFICATE No. 017564
PROFESSIONAL ENGINEER

STAMP	
SCALE	1" = 50'
DRAWN BY	G.F.C.
DATE DRAWN	OCT. 27, 87
DESIGNED	E.L.G.
CHECKED	E.L.G.
SHEET NUMBER	3 OF 8
JOB NUMBER	8708-03