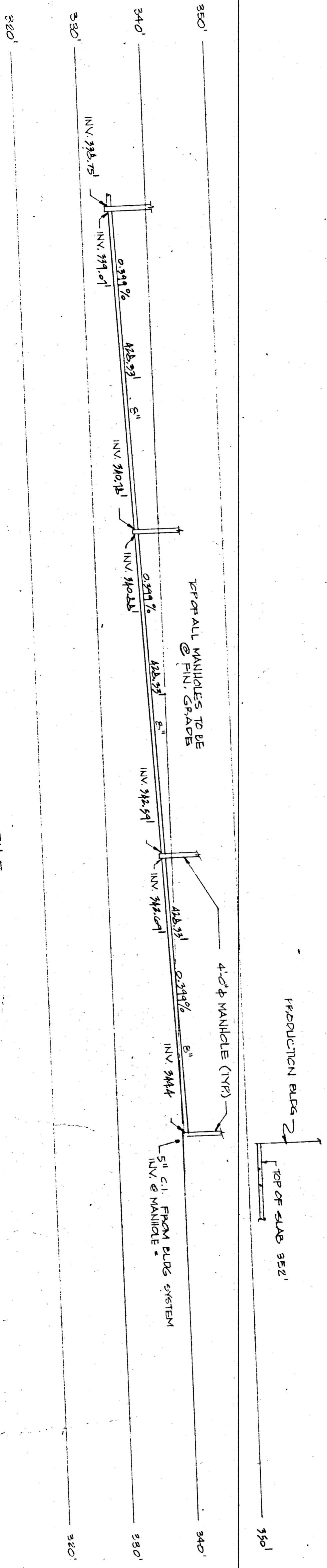


PLAN
SCALE: 1"=40'

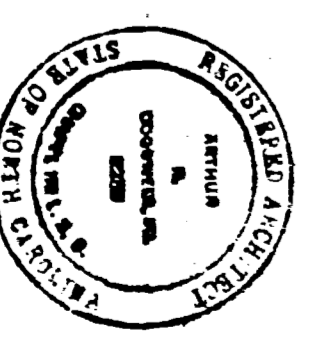
PROFILE
SCALE: 1"=12' VERTICAL



- WATER LINE AND METER VAULT NOTES:
- Pipe shall have a 36" min. cover, installed according to ANMA C-500. trench width 36" max.
 - Pipe shall be ductile iron pipe, ANMA C-119-75, class 50, 150 PSI working pressure and 100 PSI surge pressure.
 - 12" from pipe and fittings inside vault shall have flanged connections (ANSI B 16.1), pipe and fittings outside vault shall have push-on mechanical joints (ANMA C-111).
 - Pipe and fittings shall be cement lined (3/32" min. thickness) conforming to ANSI 21.4.
 - Fittings for ductile iron pipe shall conform to ANSI A 21.10 and A 21.11.
 - Gate valves shall conform to ANMA C-500, 150 PSI W.P., 4.5 S. handle, American Institute of approved design, valves shall be made from ductile iron.
 - Water meter shall be tested and sterilization shall conform to ANMA C-501 and shall be tested before installation for one hour.
 - and U. C. Division of Health Services, for two hours. Sterilization tests shall be made at max. operating line is placed into service. Provide copies to City, Owner and Engineer.
 - Flanges shall be 53 flexible couplings or approved equal. Fit to adjacent piping adjacent to couplings.
 - Flanges with 4-3/4" x steel rods. Painted black.
 - Piping adjacent to couplings or fitting with 4-3/4" x steel rods. Coat rods with coal tar.
 - Provide a minimum of 18" length of pipe joined to fitting on each side of joint.

LEGEND
 --- COLD WATER MAIN (DUCTILE IRON)
 --- SANITARY SEWER LINE (C)

NO.	DATE	REVISIONS
1	11-28-73	ISSUED FOR APPROVAL OF COMMENTS
2	12-27-73	ISSUED FOR APPROVAL OF COMMENTS
3	1-23-74	ISSUED FOR APPROVAL OF COMMENTS
4	2-17-74	ISSUED FOR APPROVAL OF COMMENTS
5	3-14-74	ISSUED FOR APPROVAL OF COMMENTS
6	4-11-74	ISSUED FOR APPROVAL OF COMMENTS
7	5-9-74	ISSUED FOR APPROVAL OF COMMENTS
8	6-6-74	ISSUED FOR APPROVAL OF COMMENTS
9	7-4-74	ISSUED FOR APPROVAL OF COMMENTS
10	8-2-74	ISSUED FOR APPROVAL OF COMMENTS
11	8-30-74	ISSUED FOR APPROVAL OF COMMENTS
12	9-27-74	ISSUED FOR APPROVAL OF COMMENTS
13	10-25-74	ISSUED FOR APPROVAL OF COMMENTS
14	11-22-74	ISSUED FOR APPROVAL OF COMMENTS
15	12-20-74	ISSUED FOR APPROVAL OF COMMENTS
16	1-18-75	ISSUED FOR APPROVAL OF COMMENTS
17	2-15-75	ISSUED FOR APPROVAL OF COMMENTS
18	3-13-75	ISSUED FOR APPROVAL OF COMMENTS
19	4-10-75	ISSUED FOR APPROVAL OF COMMENTS
20	5-8-75	ISSUED FOR APPROVAL OF COMMENTS
21	6-5-75	ISSUED FOR APPROVAL OF COMMENTS
22	7-3-75	ISSUED FOR APPROVAL OF COMMENTS
23	8-1-75	ISSUED FOR APPROVAL OF COMMENTS
24	8-29-75	ISSUED FOR APPROVAL OF COMMENTS
25	9-26-75	ISSUED FOR APPROVAL OF COMMENTS
26	10-24-75	ISSUED FOR APPROVAL OF COMMENTS
27	11-21-75	ISSUED FOR APPROVAL OF COMMENTS
28	12-19-75	ISSUED FOR APPROVAL OF COMMENTS
29	1-17-76	ISSUED FOR APPROVAL OF COMMENTS
30	2-14-76	ISSUED FOR APPROVAL OF COMMENTS
31	3-12-76	ISSUED FOR APPROVAL OF COMMENTS
32	4-9-76	ISSUED FOR APPROVAL OF COMMENTS
33	5-7-76	ISSUED FOR APPROVAL OF COMMENTS
34	6-4-76	ISSUED FOR APPROVAL OF COMMENTS
35	7-2-76	ISSUED FOR APPROVAL OF COMMENTS
36	7-30-76	ISSUED FOR APPROVAL OF COMMENTS
37	8-27-76	ISSUED FOR APPROVAL OF COMMENTS
38	9-24-76	ISSUED FOR APPROVAL OF COMMENTS
39	10-22-76	ISSUED FOR APPROVAL OF COMMENTS
40	11-19-76	ISSUED FOR APPROVAL OF COMMENTS
41	12-17-76	ISSUED FOR APPROVAL OF COMMENTS
42	1-14-77	ISSUED FOR APPROVAL OF COMMENTS
43	2-11-77	ISSUED FOR APPROVAL OF COMMENTS
44	3-9-77	ISSUED FOR APPROVAL OF COMMENTS
45	4-6-77	ISSUED FOR APPROVAL OF COMMENTS
46	5-4-77	ISSUED FOR APPROVAL OF COMMENTS
47	6-1-77	ISSUED FOR APPROVAL OF COMMENTS
48	6-29-77	ISSUED FOR APPROVAL OF COMMENTS
49	7-27-77	ISSUED FOR APPROVAL OF COMMENTS
50	8-24-77	ISSUED FOR APPROVAL OF COMMENTS
51	9-21-77	ISSUED FOR APPROVAL OF COMMENTS
52	10-19-77	ISSUED FOR APPROVAL OF COMMENTS
53	11-16-77	ISSUED FOR APPROVAL OF COMMENTS
54	12-14-77	ISSUED FOR APPROVAL OF COMMENTS
55	1-11-78	ISSUED FOR APPROVAL OF COMMENTS
56	2-8-78	ISSUED FOR APPROVAL OF COMMENTS
57	3-7-78	ISSUED FOR APPROVAL OF COMMENTS
58	4-4-78	ISSUED FOR APPROVAL OF COMMENTS
59	5-2-78	ISSUED FOR APPROVAL OF COMMENTS
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70	4-7-79	ISSUED FOR APPROVAL OF COMMENTS
71	5-5-79	ISSUED FOR APPROVAL OF COMMENTS
72	6-2-79	ISSUED FOR APPROVAL OF COMMENTS
73	7-31-79	ISSUED FOR APPROVAL OF COMMENTS
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80	2-14-80	ISSUED FOR APPROVAL OF COMMENTS
81	3-13-80	ISSUED FOR APPROVAL OF COMMENTS
82	4-10-80	ISSUED FOR APPROVAL OF COMMENTS
83	5-8-80	ISSUED FOR APPROVAL OF COMMENTS
84	6-5-80	ISSUED FOR APPROVAL OF COMMENTS
85	7-3-80	ISSUED FOR APPROVAL OF COMMENTS
86	8-31-80	ISSUED FOR APPROVAL OF COMMENTS
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91	1-19-81	ISSUED FOR APPROVAL OF COMMENTS
92	2-16-81	ISSUED FOR APPROVAL OF COMMENTS
93	3-14-81	ISSUED FOR APPROVAL OF COMMENTS
94	4-11-81	ISSUED FOR APPROVAL OF COMMENTS
95	5-9-81	ISSUED FOR APPROVAL OF COMMENTS
96	6-6-81	ISSUED FOR APPROVAL OF COMMENTS
97	7-4-81	ISSUED FOR APPROVAL OF COMMENTS
98	8-1-81	ISSUED FOR APPROVAL OF COMMENTS
99	8-29-81	ISSUED FOR APPROVAL OF COMMENTS
100	9-26-81	ISSUED FOR APPROVAL OF COMMENTS



ACRES AMERICAN INCORPORATED
 CONSULTING ENGINEERS
 RALEIGH, N. C.

PROJECT #PA-79-1
 NEW SIEMENS-ALLS SWITCHGEAR PLANT
 WENDELL, NORTH CAROLINA

UNDERGROUND WATER AND SEWER
 PIPING PLAN AND PROFILE

DATE: 5-14-79
 DRAWN BY: [Name]
 CHECKED BY: [Name]
 TITLE: [Title]

SCALE: 1"=40'

DATE: 5-14-79
 DRAWN BY: [Name]
 CHECKED BY: [Name]
 TITLE: [Title]

DATE: 5-14-79
 DRAWN BY: [Name]
 CHECKED BY: [Name]
 TITLE: [Title]

D-9