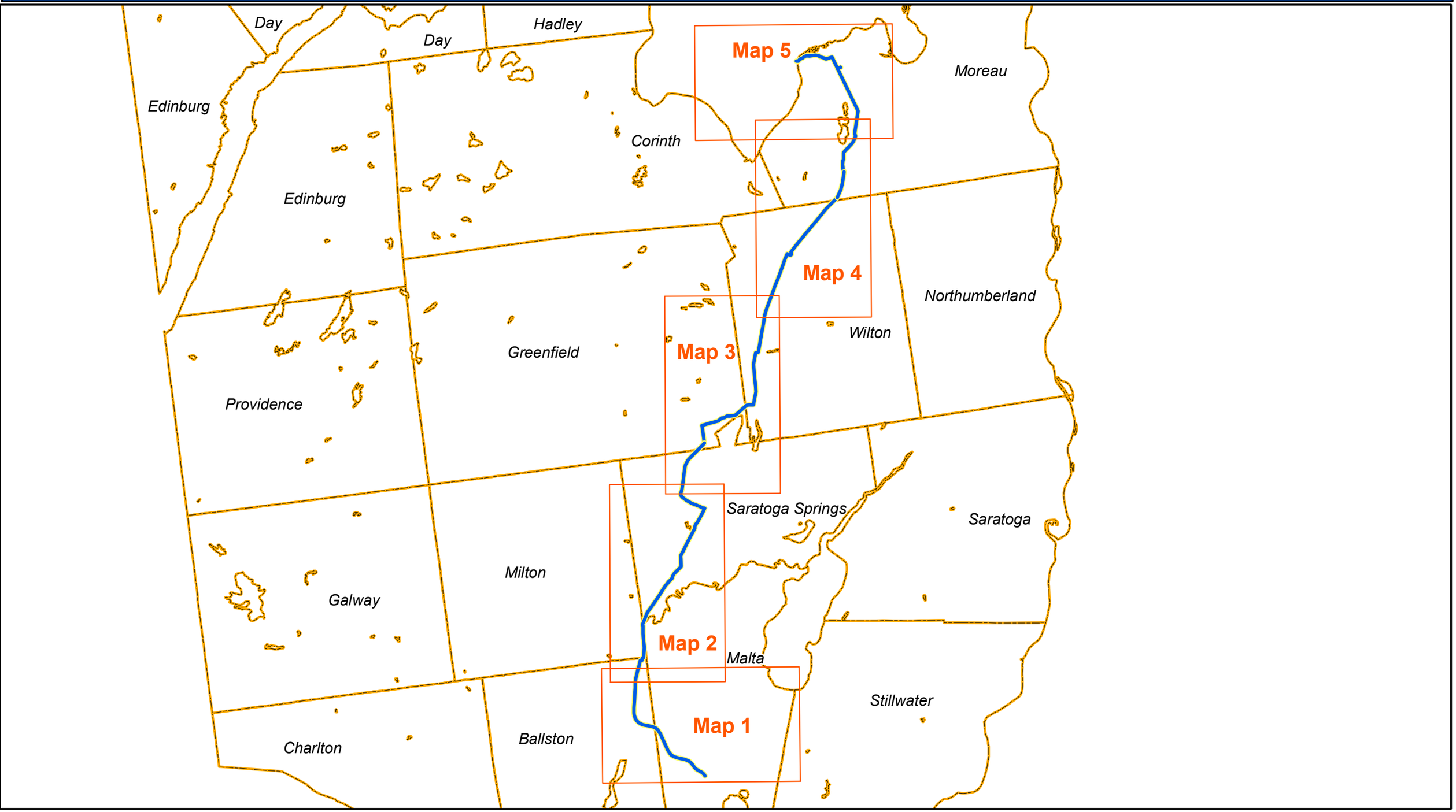
Site Location Index Map

Saratoga County, New York



Town Boundaries

Proposed Water Line

Feet

0 8,000 16,000

N W E S

Date: May 18, 2006
File Name: site_location_index.mxd
User: CH

Saratoga County Water Treatment and Transmission Facilities

C.T. Male Associates, P.C.
50 Century Hill Drive, Latham, NY 12110
Phone: 518-786-7400 Fax: 518-786-7299

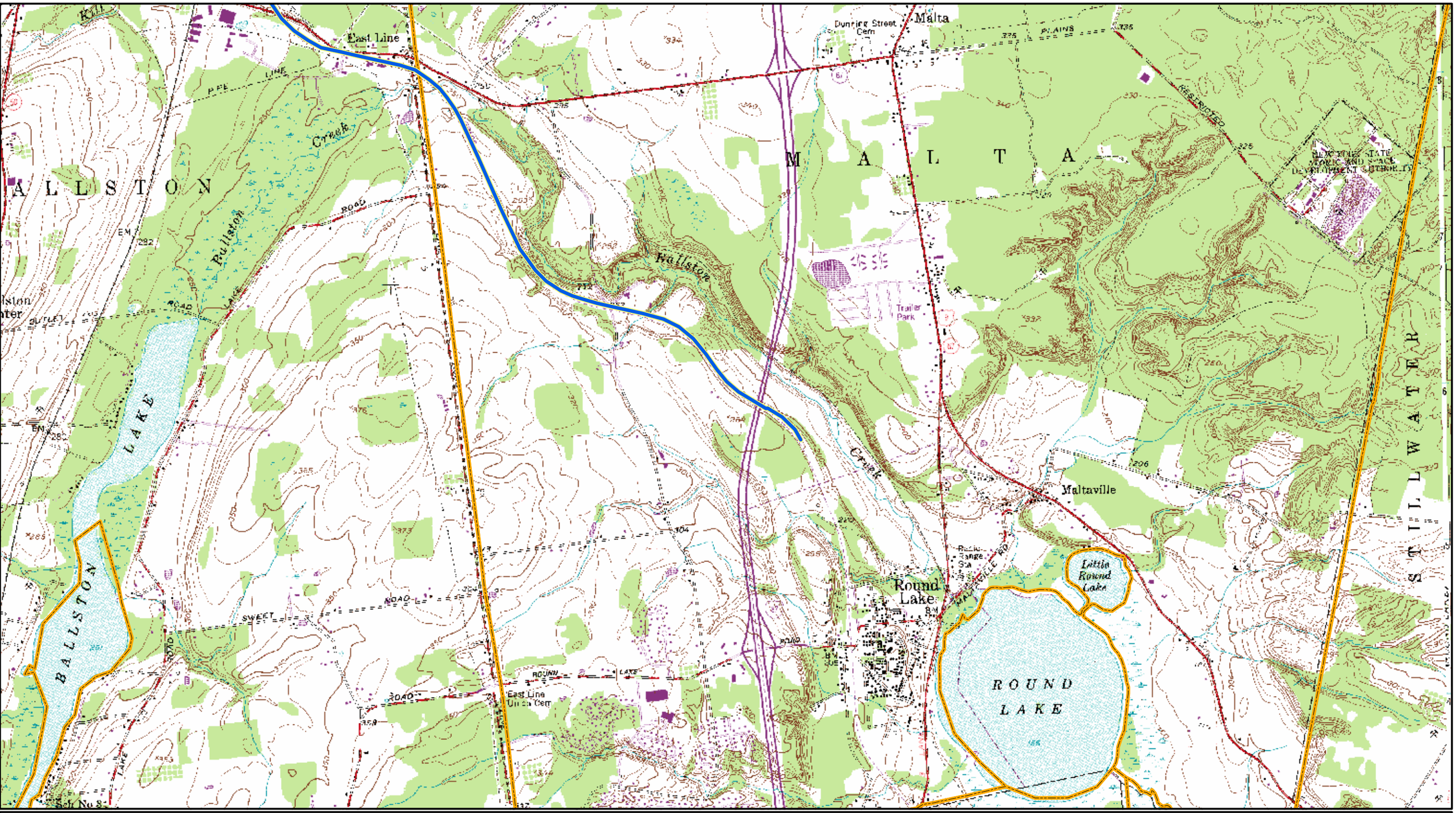
MALCOLM PIRNIE

Scale: **1 inch equals 15,000 feet**
Project Number: 04.9598
Data Source: NYS GIS Clearinghouse, CUGIR
Projection: UTM Z18 NAD 27

Site Location Index Map

Site Location Map

Saratoga County, New York



Site Location Map

Map 1 of 5

- Proposed Water Line
- Town Boundaries
- Site Driveways

Map 1 of 5

N
W E
S

0 1,000 2,000 Feet

Date: May 18, 2006
File Name: site_location.mxd
User: CH

Saratoga County Water Treatment and Transmission Facilities

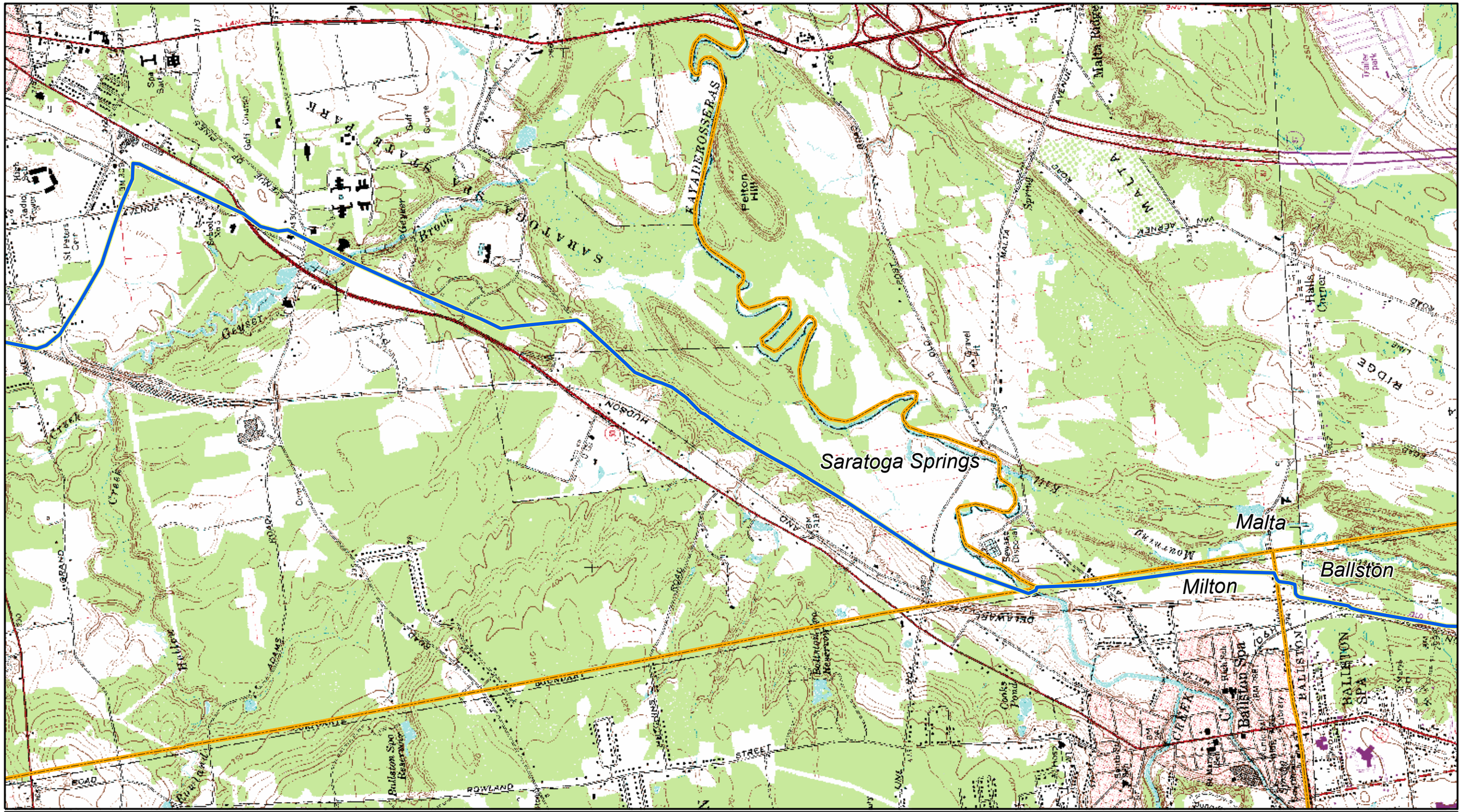
C.T. Male Associates, P.C.
50 Century Hill Drive, Latham, NY 12110
Phone: 518-786-7400 Fax: 518-786-7299

MALCOLM PIRNIE

Scale: **1 inch equals 2,018 feet**
Project Number: 04.9598
Data Source: NYS GIS Clearinghouse, CUGIR
Projection: UTM Z18 NAD 27

Site Location Map

Saratoga County, New York



Proposed Water Line

Town Boundaries

Map 2 of 5

N W E S

0 1,000 2,000 Feet

Date: June 30, 2005
File Name: site_location_2.mxd
User: CH

Saratoga County Water Treatment and Transmission Facilities

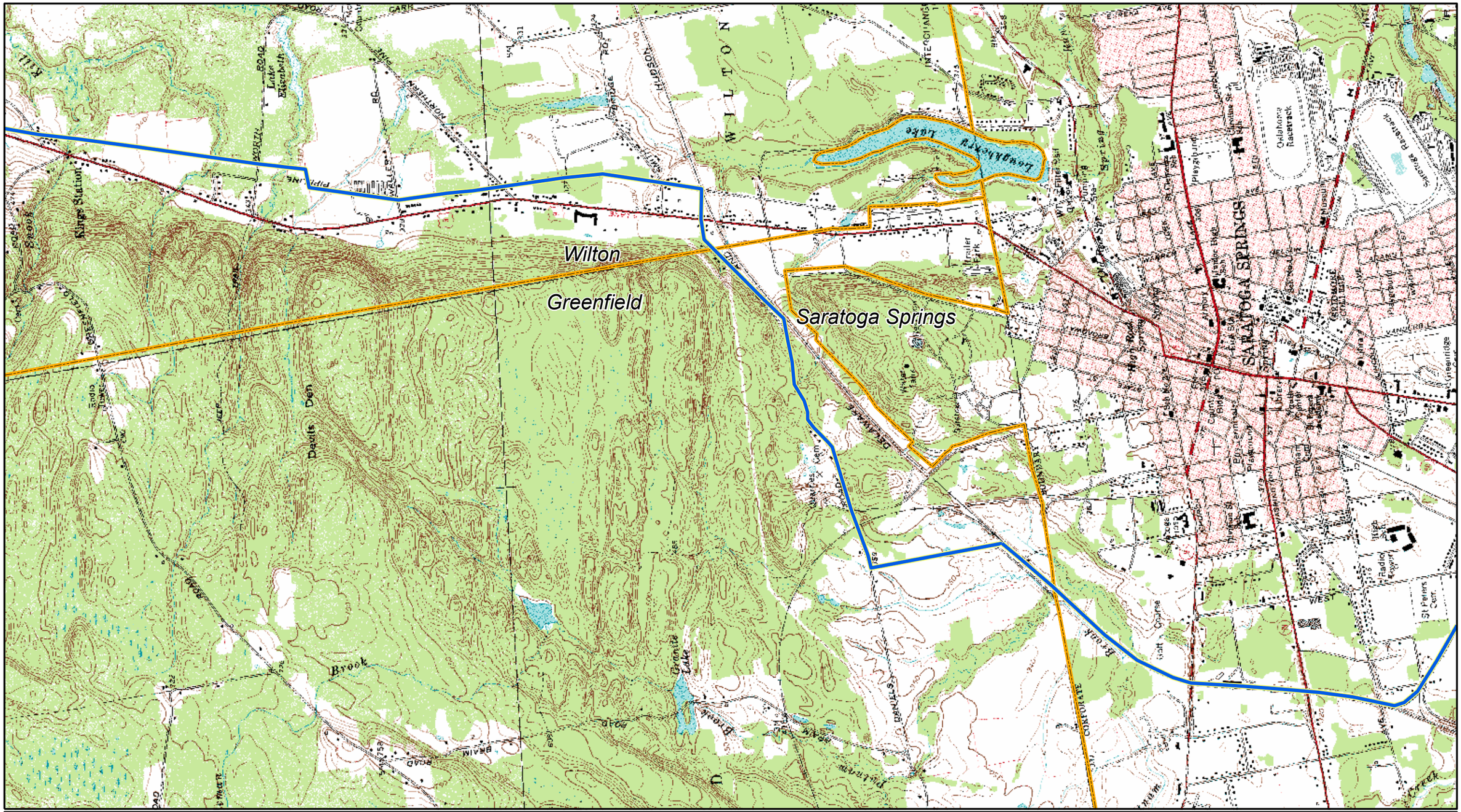
C.T. Male Associates, P.C.
50 Century Hill Drive, Latham, NY 12110
Phone: 518-786-7400 Fax: 518-786-7299

MALCOLM PIRNIE

Scale: **1 inch equals 2,000 feet**
Project Number: 04.9598
Data Source: NYS GIS Clearinghouse, CUGIR
Projection: UTM Z18 NAD 27

Site Location Map

Saratoga County, New York



Proposed Water Line

Town Boundaries

Map 3 of 5

Feet

0 1,000 2,000

Date: June 30, 2005
File Name: site_location_3.mxd
User: CH

Saratoga County Water Treatment and Transmission Facilities

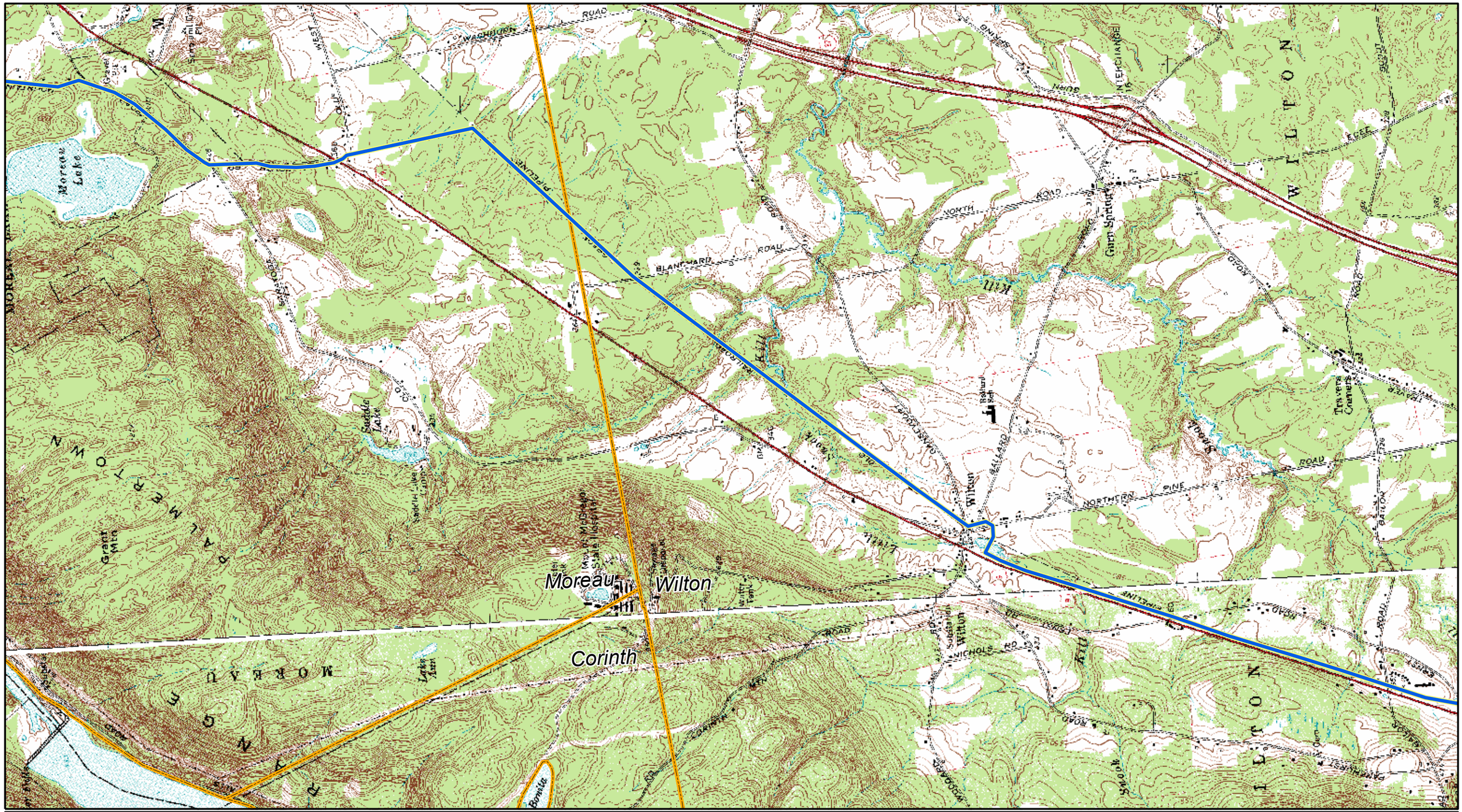
C.T. Male Associates, P.C.
50 Century Hill Drive, Latham, NY 12110
Phone: 518-786-7400 Fax: 518-786-7299

MALCOLM PIRNIE

Scale: **1 inch equals 2,000 feet**
Project Number: 04.9598
Data Source: NYS GIS Clearinghouse, CUGIR
Projection: UTM Z18 NAD 27

Site Location Map

Saratoga County, New York



Proposed Water Line

Town Boundaries

Map 4 of 5

Feet

0 1,000 2,000

N E S W

Date: June 30, 2005
File Name: site_location_4.mxd
User: CH

Saratoga County Water Treatment and Transmission Facilities

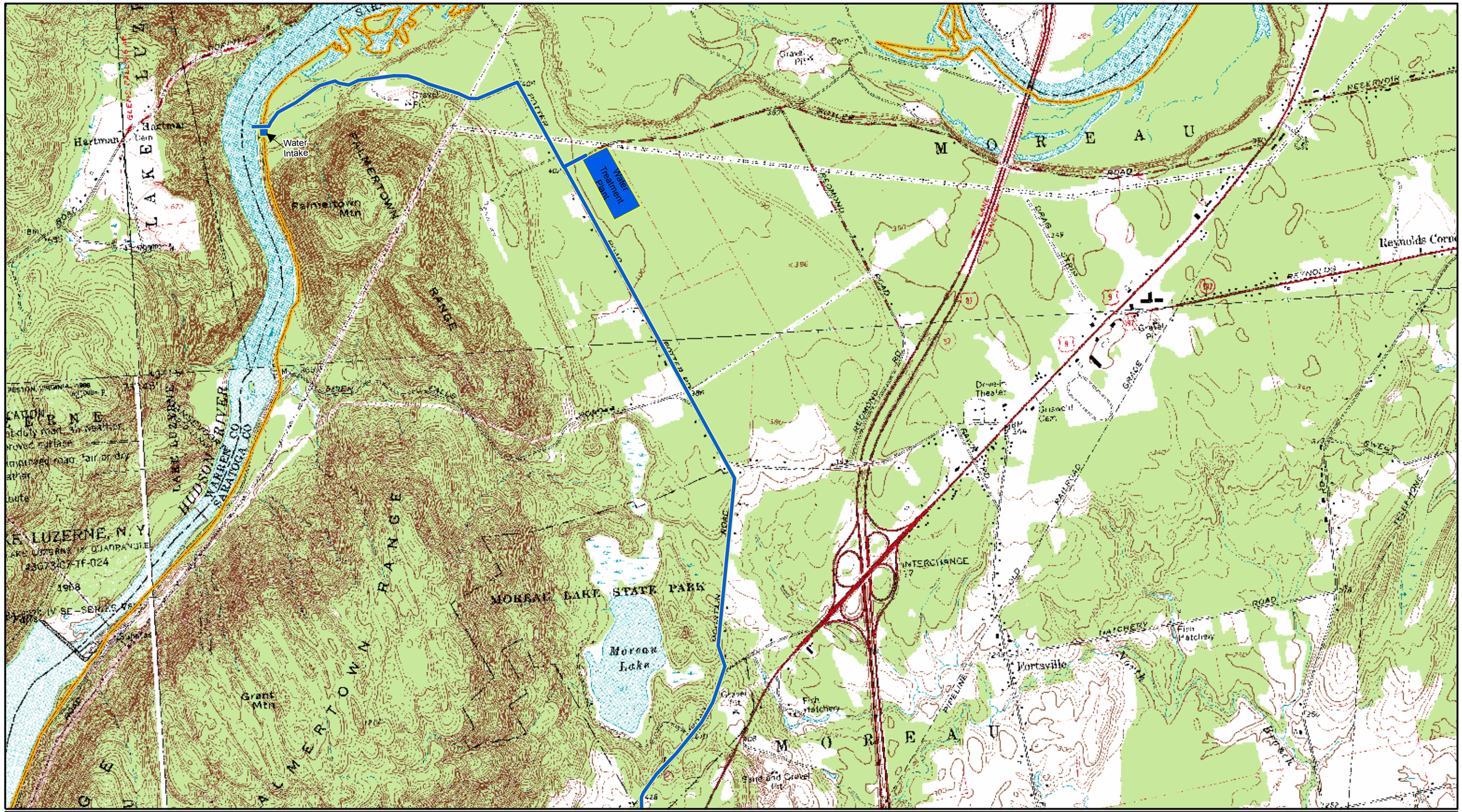
C.T. Male Associates, P.C.
50 Century Hill Drive, Latham, NY 12110
Phone: 518-786-7400 Fax: 518-786-7299

MALCOLM PIRNIE

Scale: **1 inch equals 2,000 feet**
Project Number: 04.9598
Data Source: NYS GIS Clearinghouse, CUGIR
Projection: UTM Z18 NAD 27

Site Location Map

Saratoga County, New York



Proposed Water Line

Proposed Water Treatment and Intake

Town Boundaries

Map 5 of 5

N W E S

0 1,000 2,000 Feet

Date: June 30, 2005
File Name: site_location_5.mxd
User: CH

Saratoga County Water Treatment and Transmission Facilities

C.T. Male Associates, P.C.
50 Century Hill Drive, Latham, NY 12110
Phone: 518-786-7400 Fax: 518-786-7299

MALCOLM PIRNIE

Scale: **1 inch equals 2,000 feet**
Project Number: 04.9598
Data Source: NYS GIS Clearinghouse, CUGIR
Projection: UTM Z18 NAD 27

Table I
Wetland Impact Summary Table

Section of Proposed Water Line Route (Listed from North to South)	Wetland Number	Data Point	Description	Watershed	NYS FWW Identification[1]	Length of Crossing (ft.)[2,3]	Area of Perm. Impact - change in contours (sq. ft.)	Area of Perm. Conversion - no change in contours (sq. ft.)	Area of Temp. Impact - no change in contours (sq. ft.)	Contract
Old West Road to Blanchard Road	59/59B	DP-59	Forested	Snook Kill	GA-17 (Amended)	155	2,360	2,229	N/A	3
	58	DP-58	Forested	Snook Kill	GA-17 (Amended)	80	2,632	N/A	N/A	3
	57/57B	DP57, DP57B	Forested	Snook Kill	GA-17 (Amended)	266	7,821	N/A	N/A	3
	57C	DP-2A	Forested	Snook Kill	GA-17 (Amended)	104	3,583	N/A	N/A	3
	56	DP-56	Forested	Snook Kill	GA-17 (Amended)	70	3,643	N/A	N/A	3
	56A	DP-1A	Forested	Snook Kill	GA-17 (Amended)	70	2,381	N/A	N/A	3
	56B/55	DP-1A, DP-55	Forested	Snook Kill	GA-17 (Amended)	260	8,455	N/A	N/A	3
	54	DP-54	Forested	Snook Kill	GA-17 (Amended)	40	1,578	N/A	N/A	3
	53	DP-53	Forested	Snook Kill	GA-17 (Amended)	63	2,419	N/A	N/A	3
	52	DP-52	Emergent/Forested	Snook Kill	GA-17 (Amended)	131	3,495	N/A	N/A	3
	51	DP-51	Emergent/Forested	Snook Kill	GA-17 (Amended)	157	5,572	N/A	N/A	3
	50	DP-50	Forested	Snook Kill	GA-17 (Amended)	135	2,160	2,239	N/A	3
	49C	DP-49	Forested	Snook Kill	GA-17 (Amended)	291	N/A	9,253	N/A	3
	49B	DP-49	Forested	Snook Kill	GA-17 (Amended)	4	N/A	189	N/A	3
	49A	DP-49	Forested	Snook Kill	Not Mapped	Not Crossed	N/A	217	N/A	3
	49	DP-49	Forested	Snook Kill	GA-17 (Amended)	34	N/A	1,075	N/A	3
	48	DP-48	Forested	Snook Kill	Not Mapped	109	1,036	2,721	N/A	3
	47	DP-47	Forested	Snook Kill	GA-17 (Amended)	189	N/A	5,714	N/A	3
	46	DP-46	Forested	Snook Kill	Not Mapped	171	N/A	4,945	N/A	3
Blanchard Road to Northern Pines Road	61	DP-61	Emergent	Snook Kill	Not Mapped	Not Crossed	1,361	N/A	N/A	3
	62	DP-62	Forested	Snook Kill	Not Mapped	Not Crossed	4,691	N/A	N/A	3
	63	DP-63	Emergent/Forested	Snook Kill	Not Mapped	Not Crossed	7,750	N/A	N/A	3
	64	DP-64C	Forested	Snook Kill	Not Mapped	2	5,319	N/A	N/A	3
	64A	DP-64C	Forested	Snook Kill	Not Mapped	21	6,623	N/A	N/A	3
	64C	DP-64C	Forested	Snook Kill	Not Mapped	Not Crossed	308	N/A	N/A	3
	66	DP-66	Forested	Snook Kill	Not Mapped	Not Crossed	2,880	N/A	N/A	3
	66A	DP-66	Forested	Snook Kill	GA-18 (Amended)	Not Crossed	237	N/A	N/A	3
	68	DP-68	Emergent/Forested	Snook Kill	GA-18 (Amended)	883	N/A	8,204	13,142	3
Northern Pines Road to Ernst Road (Route 9 Re-Route)	45D	DP-45C	Emergent	Snook Kill	GA-18 (Amended)	4	N/A	N/A	151	4
	45C	DP-45C	Emergent	Snook Kill	GA-18 (Amended)	Not Crossed	N/A	N/A	1,464	4
	A12	DP-A12	Emergent	Snook Kill	GA-18 (Amended)	162	N/A	N/A	4,320	4
	A11	DP-A11	Emergent	Snook Kill	GA-18 (Amended)	173	N/A	N/A	3,958	4
	A1	DP-A1	Emergent	Snook Kill	GA-18 (Amended)	414	N/A	N/A	12,356	4

Table I
Wetland Impact Summary Table

Section of Proposed Water Line Route (Listed from North to South)	Wetland Number	Data Point	Description	Watershed	NYS FWW Identification[1]	Length of Crossing (ft.)[2,3]	Area of Perm. Impact - change in contours (sq. ft.)	Area of Perm. Conversion - no change in contours (sq. ft.)	Area of Temp. Impact - no change in contours (sq. ft.)	Contract
	A2	DP-A2	Emergent	Snook Kill	GA-18 (Amended)	29	497	N/A	N/A	4
	A10	DP-A10	Emergent	Snook Kill	GA-18 (Amended)	Not Crossed	N/A	N/A	50	4
	A3	DP-A3	Emergent	Snook Kill	GA-18 (Amended)	186	N/A	N/A	4,660	4
	A9	DP-A9	Emergent/Forested	Snook Kill	Not Mapped	80	N/A	283	981	4
	A4	DP-A4	Emergent/Forested	Snook Kill	Not Mapped	654	N/A	3,921	7,852	4
	A5	DP-A5	Emergent/Forested	Snook Kill	Not Mapped	350	N/A	4,596	5,239	4
	A8	DP-A8	Forested	Snook Kill	Not Mapped	81	N/A	2,100	N/A	4
	A6	DP-A6	Forested	Snook Kill	Not Mapped	193	N/A	4,534	N/A	4
	A7	DP-A7	Forested	Snook Kill	Not Mapped	150	N/A	3,872	N/A	4
	A14	DP-A14	Emergent	Snook Kill	Not Mapped	Not Crossed	N/A	N/A	40	4
	87/A13	DP-87	Emergent	Snook Kill	Not Mapped	467	N/A	N/A	13,364	4
	86	DP-86	Emergent	Snook Kill	Not Mapped	4	N/A	N/A	88	4
Ernst Road to Smith Bridge Road	101	DP-101	Forested	Snook Kill	Not Mapped	179	N/A	5,322	N/A	4
	110	DP-110	Forested	Snook Kill	C-39 - Class 2	178	N/A	5,332	N/A	4
	111	DP-111	Forested	Snook Kill	Not Mapped	91	N/A	2,571	N/A	4
Smith Bridge Road to Route 9N	109	DP-109	Forested	Loughberry Lake	Not Mapped	89	N/A	2,035	N/A	5
	105	DP-105	Forested	Putnam Brook	Not Mapped	31	N/A	757	N/A	5
	104C	DP-104C	Forested	Putnam Brook	Not Mapped	7	N/A	552	N/A	5
	104	DP-104	Emergent	Putnam Brook	S-19 (Amended)	40	N/A	N/A	1,016	5
	103	DP-103	Forested	Putnam Brook	S-19 (Amended)	273	N/A	8,525	N/A	5
	103A	DP-103	Forested	Putnam Brook	S-19 (Amended)	Not Crossed	N/A	182	N/A	5
	103B	DP-103	Forested	Putnam Brook	S-19 (Amended)	75	N/A	2,260	N/A	5
	103C	DP-103	Forested	Putnam Brook	S-19 (Amended)	10	N/A	294	N/A	5
	102	DP-102	Scrub-Shrub	Putnam Brook	Not Mapped	Not Crossed	N/A	60	N/A	5
	101A	DP-101A	Emergent	Putnam Brook	Not Mapped	Not Crossed	N/A	N/A	519	5
	99	DP-98	Emergent	Putnam Brook	Not Mapped	7	N/A	N/A	281	5
	108A	DP-108	Forested	Putnam Brook	S-19 (Amended)	Not Crossed	N/A	694	N/A	5
Route 9N to Route 50	95	DP-95	Emergent	Putnam Brook	Not Mapped	72	N/A	N/A	2,143	5
	95A	DP-95	Emergent	Putnam Brook	Not Mapped	360	N/A	N/A	10,378	5
	96	DP-96	Forested	Geyser Brook	Not Mapped	43	N/A	745	N/A	5
Route 50 to Saratoga Spa State Park Boundary	38A	DP-38A	Emergent	Geyser Brook	Not Mapped	2	N/A	N/A	60	6
	37	DP-37A	Forested	Geyser Brook	Not Mapped	3	N/A	896	N/A	6
	37B	DP-37A	Emergent	Geyser Brook	Not Mapped	29	N/A	N/A	781	6
	39	DP-39	Forested	Geyser Brook	Not Mapped	62	N/A	2,268	N/A	6

Table I
Wetland Impact Summary Table

Section of Proposed Water Line Route (Listed from North to South)	Wetland Number	Data Point	Description	Watershed	NYS FWW Identification[1]	Length of Crossing (ft.)[2,3]	Area of Perm. Impact - change in contours (sq. ft.)	Area of Perm. Conversion - no change in contours (sq. ft.)	Area of Temp. Impact - no change in contours (sq. ft.)	Contract
	42A	DP-42A	Forested	Kayderosseras Creek	Not Mapped	1	N/A	320	N/A	6
	44A	DP-44	Forested	Kayderosseras Creek	Not Mapped	121	4,114	N/A	N/A	6
	75	DP-75	Emergent	Kayderosseras Creek	Not Mapped	117	N/A	N/A	2,669	6
	76	DP-76	Emergent/Forested	Kayderosseras Creek	Not Mapped	81	N/A	1,788	648	6
	78	DP-78	Forested	Kayderosseras Creek	Not Mapped	36	N/A	1,031	N/A	6
	91/91A	DP-91	Emergent/Forested	Kayderosseras Creek	Not Mapped	159	N/A	1,257	1,961	6
	93A	DP-93	Scrub-Shrub	Kayderosseras Creek	Not Mapped	42	N/A	408	N/A	6
	93B	DP-93	Scrub-Shrub	Kayderosseras Creek	S-25 - Class 2	Not Crossed	N/A	114	N/A	6
	94C	-	Emergent	Kayderosseras Creek	Not Mapped	3	N/A	N/A	61	6
	6C	-	Scrub-Shrub	Kayderosseras Creek	Not Mapped	13	N/A	272	N/A	6
	36	DP-36, DP-36B	Emergent/Forested	Kayderosseras Creek	S-39 - Class 3	1,323	N/A	19,833	16,830	6
Malta Ave. to East High Street	31B	DP-31A	Emergent	Mourning Kill	Not Mapped	23	N/A	N/A	3,859	7
	34	DP-34A	Forested	Mourning Kill	Not Mapped	40	N/A	810	N/A	7
	35	DP-35A	Scrub-Shrub	Mourning Kill	Not Mapped	284	N/A	4,834	N/A	7
East High Street to East Line Road	28E	DP-36	Emergent	Mourning Kill	R-50 (Amended)	Not Crossed	N/A	N/A	164	7
	28	DP-32	Forested	Mourning Kill	R-50 (Amended)	Not Crossed	N/A	4	N/A	7
	30B	DP-35	Scrub-Shrub	Mourning Kill	Not Mapped	Not Crossed	N/A	40	N/A	7
	11A	DP-15	Emergent	Ballston Creek	Not Mapped	Not Crossed	N/A	N/A	1,110	7
	11	DP-14	Emergent	Ballston Creek	Not Mapped	27	N/A	N/A	444	7
	9	DP-12	Emergent/Scrub-Shrub	Ballston Creek	Not Mapped	217	N/A	1,737	3,462	7
	7	DP-10	Emergent	Ballston Creek	Not Mapped	Not Crossed	N/A	N/A	475	7

Table Notes:

1. Classifications have been provided for NYS Freshwater Wetlands (FWW) shown on the official NYSDEC wetland maps. Classifications have not been provided for NYS Freshwater Wetlands that have been added to the amended maps.

2. Length of crossing was calculated where the centerline of the transmission main crosses the wetland. Wetlands that are listed as "not crossed" are not crossed by the centerline of the pipe, however they are being temporarily or permanently impacted by construction activities within the transmission main corridor.

3. Wetlands that are listed as having "no impact" are located outside of the transmission main corridor and will not be impacted during construction.

Table II
Stream Impact Summary Table

Section of Proposed Water Line Route (Listed from North to South)	Stream Number	Associated Wetland	Watershed	NYSDEC Stream Classification [1,2]	Length of Stream Crossing (ft.)[3,4]	Area of Perm. Impact (sq. ft.)	Area of Temp. Impact (sq. ft.)	Linear Footage of Permanent Stream Impact (ft.)[5]	Contract
Potter Road to Old West Road	Ephemeral Stream 20	N/A	Snook Kill	D	Not Crossed	N/A	103	N/A	3
	Ephemeral Stream 21	N/A	Snook Kill	D	Not Crossed	N/A	150	N/A	3
Old West Road to Blanchard Road	Intermittent Stream 29A	Wetlands 58 and 59	Snook Kill	C	15	518	N/A	104	3
	Intermittent Stream 29	Wetlands 58 and 59	Snook Kill	C	Not Crossed	1,116	N/A	N/A	3
	Ephemeral Stream 56A	Wetlands 56 and 56A	Snook Kill	D	Not Crossed	36	N/A	18	3
	Intermittent Stream 18	Wetland 47	Snook Kill	C(T)	Not Crossed	N/A	15	N/A	3
Blanchard Road to Northern Pines Road	Ephemeral Stream 32	N/A	Snook Kill	D	Not Crossed	448	N/A	68	3
	Perennial Stream 9	N/A	Snook Kill	C	16	601	N/A	44	3
	Ephemeral Stream 33	Wetland 61	Snook Kill	D	1	33	N/A	33	3
	Ephemeral Stream 34	Wetlands 61 and 62	Snook Kill	D	Not Crossed	35	N/A	35	3
	Intermittent Stream 34	Wetland 62	Snook Kill	C(T)	3	236	N/A	236	3
	Perennial Stream 10A	Wetland 62	Snook Kill	C(T)	Not Crossed	3,830	N/A	114	3
	Intermittent Stream 35	Wetland 62	Snook Kill	D	Not Crossed	64	N/A	64	3
	Ephemeral Stream 36	Wetland 63	Snook Kill	D	2	145	N/A	51	3
	Perennial Stream 11	Wetland 63	Snook Kill	C	2	442	N/A	221	3
	Perennial Stream 12 (Little Snook Kill)	Wetlands 64 and 64A	Snook Kill	C(T)	Not Crossed	6,227	N/A	285	3
	Ephemeral Stream 39	Wetland 64A	Snook Kill	D	Not Crossed	15	N/A	15	3
	Intermittent Stream 41	N/A	Snook Kill	D	1	41	N/A	41	3
	Intermittent Stream 42	Wetland 65	Snook Kill	D	1	35	N/A	35	3
	Ephemeral Stream 43	Wetland 65	Snook Kill	D	Not Crossed	24	N/A	18	3
	Intermittent Stream 43	N/A	Snook Kill	D	1	35	N/A	35	3
	Intermittent Stream 44	N/A	Snook Kill	D	1	31	N/A	31	3
	Intermittent Stream 45	Wetland 66	Snook Kill	D	2	93	N/A	47	3
	Ephemeral Stream 41	N/A	Snook Kill	D	Not Crossed	143	N/A	143	3
	Perennial Stream 13A	Wetland 66A	Snook Kill	C	9	795	N/A	115	3

Table II
Stream Impact Summary Table

Section of Proposed Water Line Route (Listed from North to South)	Stream Number	Associated Wetland	Watershed	NYSDEC Stream Classification [1,2]	Length of Stream Crossing (ft.)[3,4]	Area of Perm. Impact (sq. ft.)	Area of Temp. Impact (sq. ft.)	Linear Footage of Permanent Stream Impact (ft.)[5]	Contract
Northern Pines Road to Ernst Road (Route 9 Re-Route)	Intermittent Stream A1	Wetland A1	Snook Kill	C(T)	Not Crossed	N/A	138	N/A	4
	Perennial Stream A1	Wetland A3	Snook Kill	C(T)	28.0	N/A	823	N/A	4
	Intermittent Stream A3	N/A	Snook Kill	C(T)	Not Crossed	328	N/A	23	4
	Ephemeral Stream A1	N/A	Snook Kill	D	2	N/A	70	N/A	4
	Intermittent Stream A4	N/A	Snook Kill	C(T)	9.0	N/A	80	N/A	4
	Intermittent Stream A6	N/A	Snook Kill	C(T)	Not Crossed	N/A	12	N/A	4
	Intermittent Stream A5	N/A	Snook Kill	C(T)	16	N/A	472	N/A	4
	Intermittent Stream A7	Wetland A13	Snook Kill	C	Not Crossed	N/A	80	N/A	4
	Intermittent Stream 57A	Wetlands 86 and 87	Snook Kill	C	Not Crossed	N/A	11	N/A	4
Ernst Road to Smith Bridge Road	Perennial Stream 18 (Snook Kill)	Wetland 90	Snook Kill	C(T)	15	N/A	461	N/A	4
	Perennial Stream 30	Wetland 101	Snook Kill	C	11	N/A	352	N/A	4
	Perennial Stream 22	Wetland 110	Snook Kill	C(T)	15	N/A	434	N/A	4
Smith Brige Road to Route 9N	Ephemeral Stream 70/70A	N/A	Loughberry Lake	D	7	N/A	76	N/A	5
	Intermittent Stream 70	N/A	Loughberry Lake	A	3	N/A	84	N/A	5
	Intermittent Stream 69	N/A	Loughberry Lake	A	2	N/A	36	N/A	5
	Intermittent Stream 68	Wetland 109	Loughberry Lake	A	6	N/A	109	N/A	5
	Intermittent Stream 65	Wetland 103	Putnam Brook	D	2	N/A	62	N/A	5
	Intermittent Stream 63	Wetlands 99 and 100A	Putnam Brook	C	26	N/A	720	N/A	5
	Intermittent Stream 62	N/A	Putnam Brook	C(T)	3	N/A	100	N/A	5
	Ephemeral Stream 63	Wetland 98A	Putnam Brook	D	2	N/A	66	N/A	5
	Ephemeral Stream 64	N/A	Putnam Brook	D	Not Crossed	N/A	2	N/A	5
	Perennial Stream 21 (Putnam Brook)	Wetlands 108 and 108A	Putnam Brook	C(T)	39	N/A	1,242	N/A	5
Route 50 to Saratoga State Park Boundary	Intermittent Stream 11	Wetland 39A	Geyser Brook	C	14	N/A	387	N/A	6
	Ephemeral Stream 19	Wetland 41	Geyser Brook	D	2	N/A	61	N/A	6

Table II
Stream Impact Summary Table

Section of Proposed Water Line Route (Listed from North to South)	Stream Number	Associated Wetland	Watershed	NYSDEC Stream Classification [1,2]	Length of Stream Crossing (ft.)[3,4]	Area of Perm. Impact (sq. ft.)	Area of Temp. Impact (sq. ft.)	Linear Footage of Permanent Stream Impact (ft.)[5]	Contract
	Ephemeral Stream 19A	Wetland 41	Kayaderossas Creek	D	2	N/A	72	N/A	6
	Perennial Stream 31	N/A	Kayaderosseras Creek	C	Not Crossed	81	N/A	6	6
	Intermittent Stream 14	N/A	Kayaderosseras Creek	C	14	N/A	401	N/A	6
	Perennial Stream 32	N/A	Kayaderosseras Creek	C	15	N/A	420	N/A	6
	Intermittent Stream 16	Wetlands 42 and 42A	Kayaderosseras Creek	D	1	N/A	14	N/A	6
	Intermittent Stream 17	N/A	Kayaderosseras Creek	C	2	N/A	62	N/A	6
Saratoga Spa State Park Boundary to Malta Ave.	Perennial Stream 33	N/A	Kayaderosseras Creek	C	Not Crossed	344	N/A	40	6
	Intermittent Stream 51	N/A	Kayaderosseras Creek	D	5	N/A	83	N/A	6
	Perennial Stream 13	Wetland 75	Kayaderosseras Creek	C	7	N/A	206	N/A	6
	Ephemeral Stream 44 /45	Wetland 76	Kayaderosseras Creek	D	Not Crossed	N/A	360	N/A	6
	Intermittent Stream 44C	N/A	Kayaderosseras Creek	D	Not Crossed	N/A	31	N/A	6
	Intermittent Stream 44B	N/A	Kayaderosseras Creek	D	4	N/A	242	N/A	6
	Intermittent Stream 44A	N/A	Kayaderosseras Creek	D	Not Crossed	N/A	276	N/A	6
	Perennial Stream 14	Wetland 78	Kayaderosseras Creek	C	12	N/A	343	N/A	6
	Ephemeral Stream 53A	Wetlands 91 and 91A	Kayaderosseras Creek	D	3	N/A	54	N/A	6
	Perennial Stream 19	Wetland 93B	Kayaderosseras Creek	C(T)	Not Crossed	N/A	24	N/A	6
	Ephemeral Stream 17	N/A	Kayaderosseras Creek	D	2	N/A	27	N/A	6
	Perennial Stream 6	Wetland 36	Kayaderosseras Creek	C	3	N/A	55	N/A	6
	Ephemeral Stream 60	N/A	Kayaderosseras Creek	D	1	N/A	33	N/A	6
	Perennial Stream 20 (Kayaderossas Creek)	Wetland 36D/36E	Kayaderosseras Creek	C	99	N/A	2,960	N/A	6

Table II
Stream Impact Summary Table

Section of Proposed Water Line Route (Listed from North to South)	Stream Number	Associated Wetland	Watershed	NYSDEC Stream Classification [1,2]	Length of Stream Crossing (ft.)[3,4]	Area of Perm. Impact (sq. ft.)	Area of Temp. Impact (sq. ft.)	Linear Footage of Permanent Stream Impact (ft.)[5]	Contract
Malta Ave. to East High Street	Intermittent Stream 9	Wetland 33	Mourning Kill	D	Not Crossed	N/A	9	N/A	7
	Intermittent Stream 10	Wetlands 35 and 35A	Mourning Kill	D	3	N/A	72	N/A	7
East High Street to East Line Road	Intermittent Stream 7	N/A	Mourning Kill	D	10	1,555	N/A	134	7
	Intermittent Stream 8	Wetland 27	Mourning Kill	D	Not Crossed	N/A	22	N/A	7
	Intermittent Stream 5C	Wetlands 25 and 28	Mourning Kill	D	Not Crossed	N/A	31	N/A	7
	Perennial Stream 4 (Mourning Kill)	N/A	Mourning Kill	C	28	N/A	834	N/A	7
	Intermittent Stream 2	Wetland 8	Ballston Creek	D	Not Crossed	N/A	32	N/A	7
East Line Road to 500' east of I-87 Intersection	Perennial Stream 2 (Ballston Creek)	Wetlands 17 and 19	Ballston Creek	C	Not Crossed	N/A	180	N/A	7
	Ephemeral Stream 7/7A	N/A	Ballston Creek	D	Not Crossed	N/A	4	N/A	7
	Intermittent Stream 6	N/A	Ballston Creek	D	Not Crossed	N/A	42	N/A	7
	Intermittent Stream 4	N/A	Ballston Creek	D	1	N/A	57	N/A	7
	Intermittent Stream 1	N/A	Ballston Creek	D	Not Crossed	N/A	284	N/A	7
	Ephemeral Stream 1	Wetland 6	Ballston Creek	D	Not Crossed	N/A	47	N/A	7
	Perennial Stream 1	N/A	Ballston Creek	C	Not Crossed	N/A	1,045	N/A	7

Table Notes:

1. According to the New York State Codes, Rules and Regulations (NYCRR), all streams which are not shown on the reference map are assigned to Class D except for continuous flowing natural streams, which have the same classification and standards as the waters to which it is directly tributary (6 NYCRR Chapter X Part 940.2).

2. Streams with a classification of (T) or (TS) may support a trout population or trout spawning. The NYSDEC generally requires that work within these streams be conducted between June 1st and October 1st.

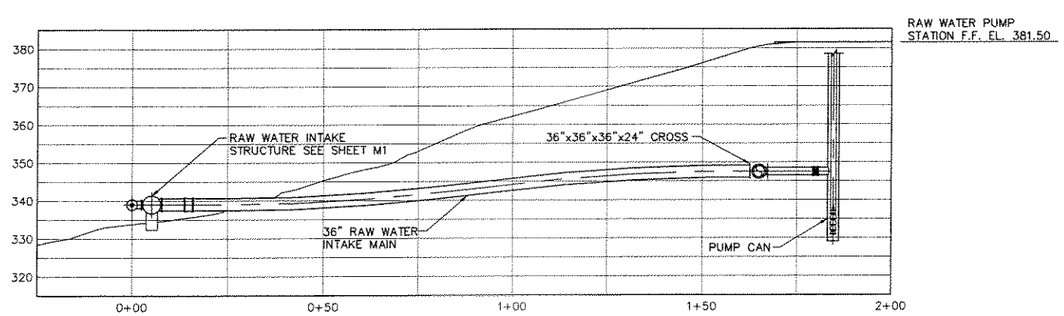
3. Length of stream crossing was calculated where the centerline of the transmission main crosses the stream, except where otherwise noted. Streams that are listed as "not crossed" are not being crossed by the centerline of the pipe however they are being temporarily or permanently impacted by construction activities within the transmission main corridor.

4. Streams that are listed as having "no impact" are either outside of the transmission main corridor or cross the corridor through an existing culvert and therefore will not be impacted by construction.

5. The linear footage of permanent stream impact refers to the length of stream channel that will be permanently impacted by either culverting or filling.

RAW WATER INTAKE MAIN PLAN

SCALE: AS SHOWN



RAW WATER INTAKE MAIN PROFILE

SCALE: AS SHOWN

HORIZONTAL SCALE: 1" = 20'

VERTICAL SCALE: 1" = 20'

WARNING – IT IS A VIOLATION OF NEW YORK EDUCATION LAW SECTION 7209.2, FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION LAW, SECTION 7209.2.

MALCOLM PIRNIE

REVISIONS			
NO.	BY	DATE	REMARKS

DES TAM
DWN JLF
CKD TAM

SARATOGA COUNTY

SARATOGA COUNTY, NEW YORK

WATER TREATMENT PLANT– PRELIMINARY DRAWINGS

RAW WATER PUMP STATION

INTAKE MAIN

PLAN AND PROFILE

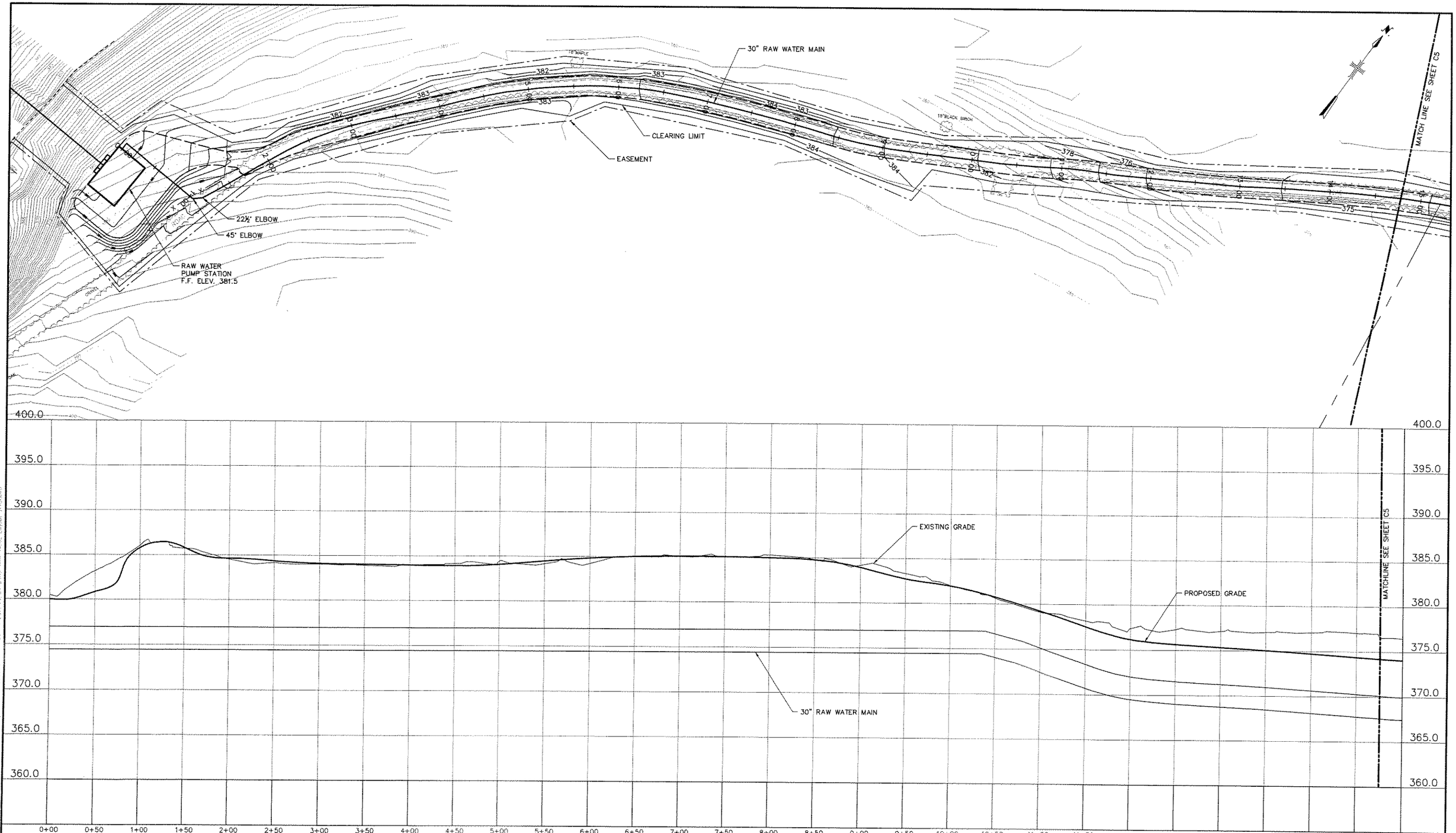
SCALE: AS SHOWN

COPYRIGHT © 2005
MALCOLM PIRNIE, INC.

DATE OCTOBER 2005

C SHEET 3 OF ##

CAD REF. NO. 3178C003



WARNING – IT IS A VIOLATION OF NEW YORK EDUCATION LAW SECTION 7209.2, FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION LAW, SECTION 7209.2

MALCOLM PIRNIE

REVISIONS			
NO.	BY	DATE	REMARKS

DES TAM
DWN JLF
CKD TAM

SARATOGA COUNTY

SARATOGA COUNTY, NEW YORK

WATER TREATMENT PLANT– PRELIMINARY DRAWINGS

RAW WATER FORCE MAIN PLAN AND PROFILE I

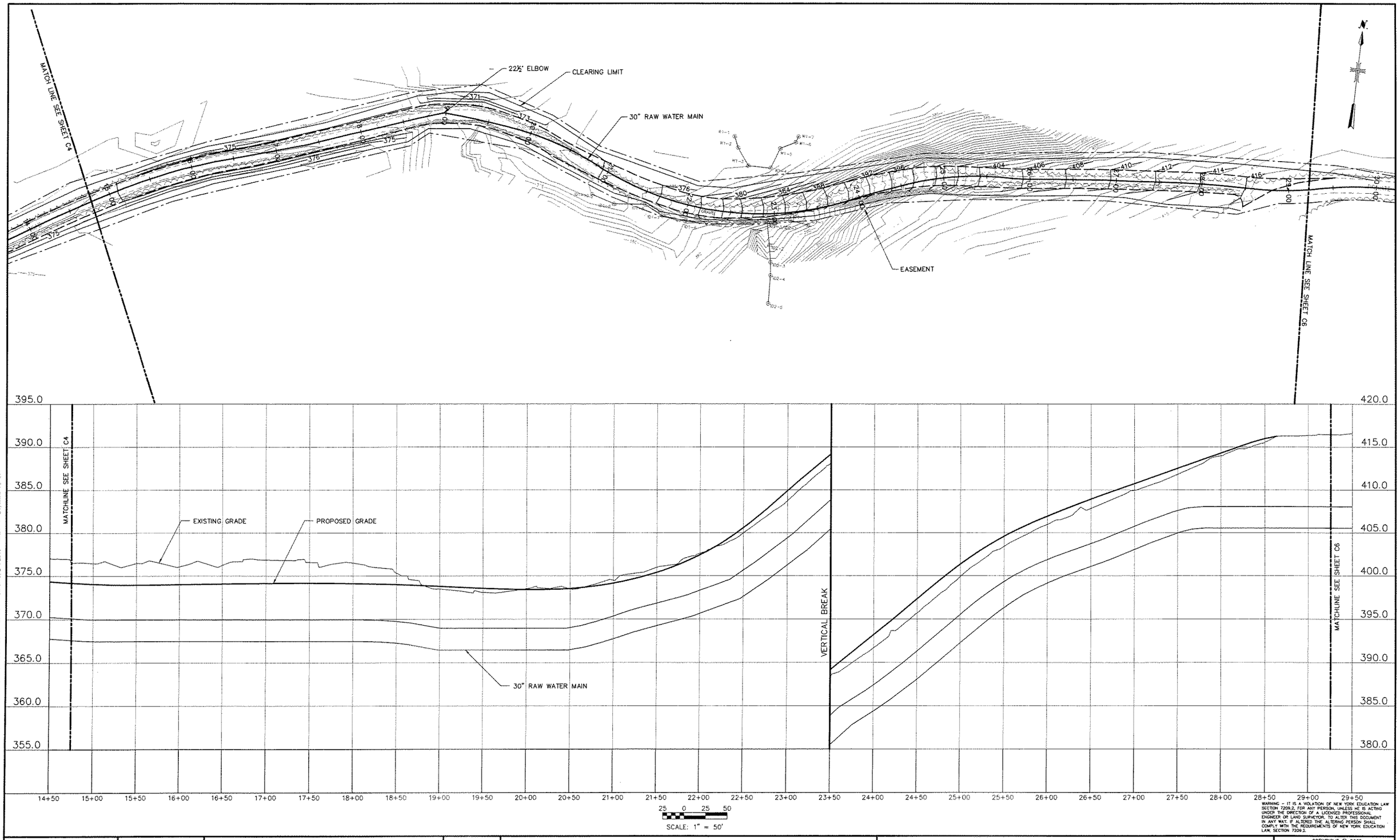
HORIZONTAL SCALE: 1" = 50' VERTICAL SCALE: 1' = 5'

COPYRIGHT © 2005
MALCOLM PIRNIE, INC.

DATE OCTOBER 2005

C SHEET 4 OF ##

CAD REF. NO. 3178C004



WARNING - IT IS A VIOLATION OF NEW YORK EDUCATION LAW SECTION 7209.2, FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION LAW, SECTION 7209.2.

MALCOLM PIRNIE

REVISIONS			
NO.	BY	DATE	REMARKS

DES TAM
DWN JLF
CKD TAM

SARATOGA COUNTY

SARATOGA COUNTY, NEW YORK

WATER TREATMENT PLANT– PRELIMINARY DRAWINGS

RAW WATER FORCE MAIN PLAN AND PROFILE II

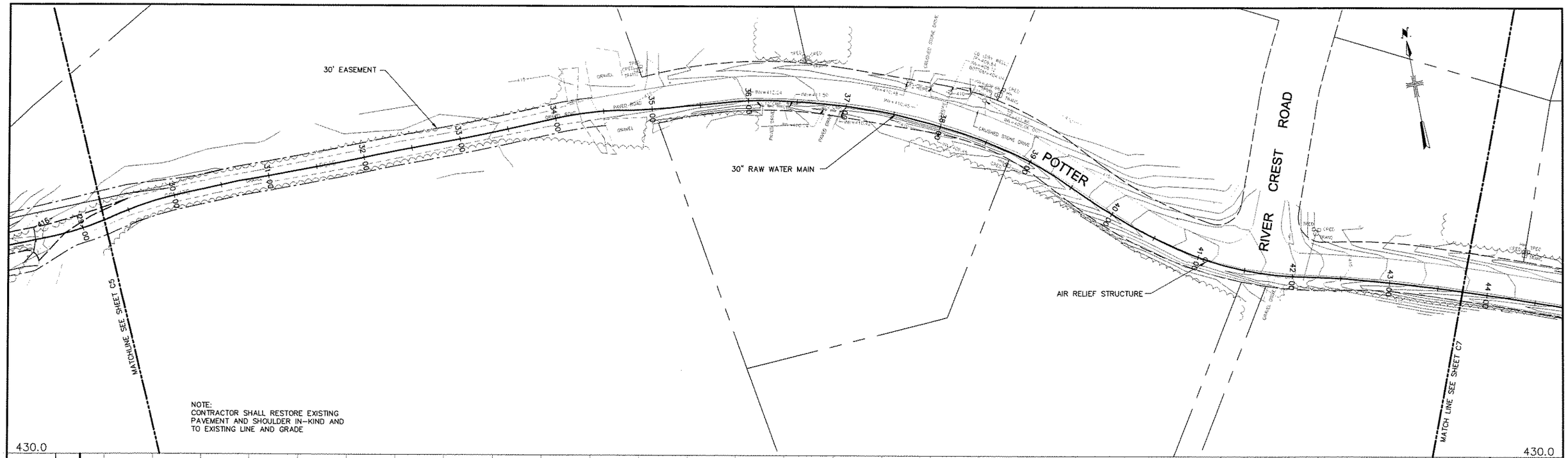
HORIZONTAL SCALE: 1" = 50' VERTICAL SCALE: 1' = 5'

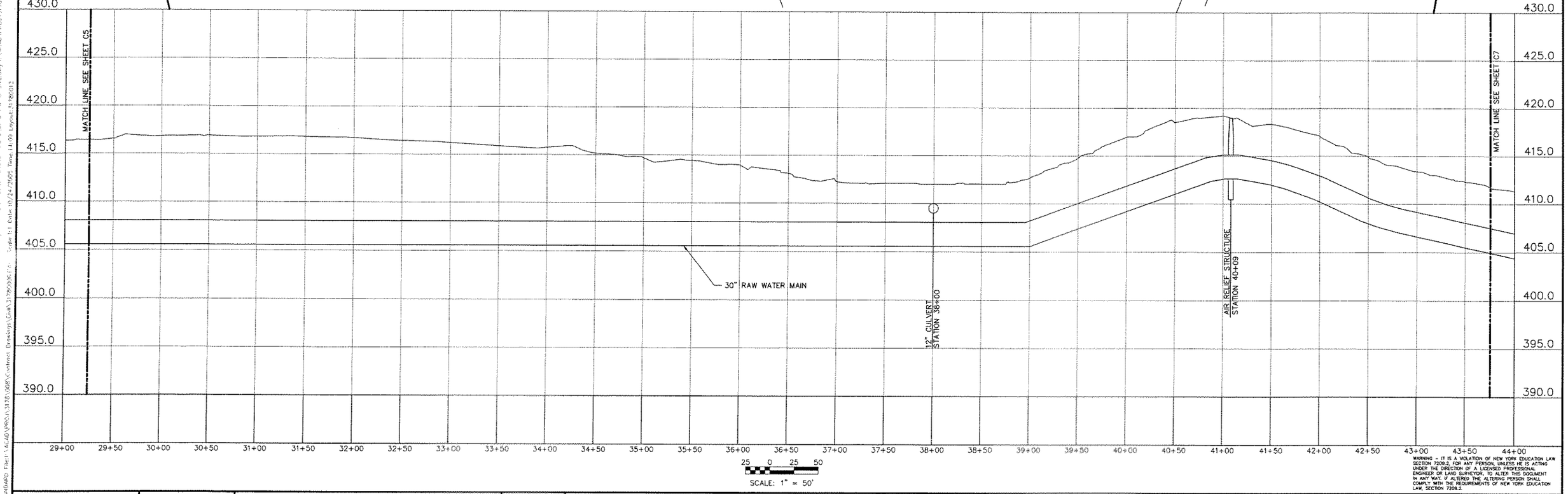
COPYRIGHT © 2005
MALCOLM PIRNIE, INC.

DATE OCTOBER 2005

C SHEET 5 OF ##

CAD REF. NO. 3178C005





WARNING – IT IS A VIOLATION OF NEW YORK EDUCATION LAW SECTION 7209.2, FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION LAW, SECTION 7209.2.

MALCOLM PIRNIE

REVISIONS			
NO.	BY	DATE	REMARKS

DES TAM
DWN JLF
CKD TAM

SARATOGA COUNTY

SARATOGA COUNTY, NEW YORK

WATER TREATMENT PLANT– PRELIMINARY DRAWINGS

RAW WATER FORCE MAIN III PLAN AND PROFILE

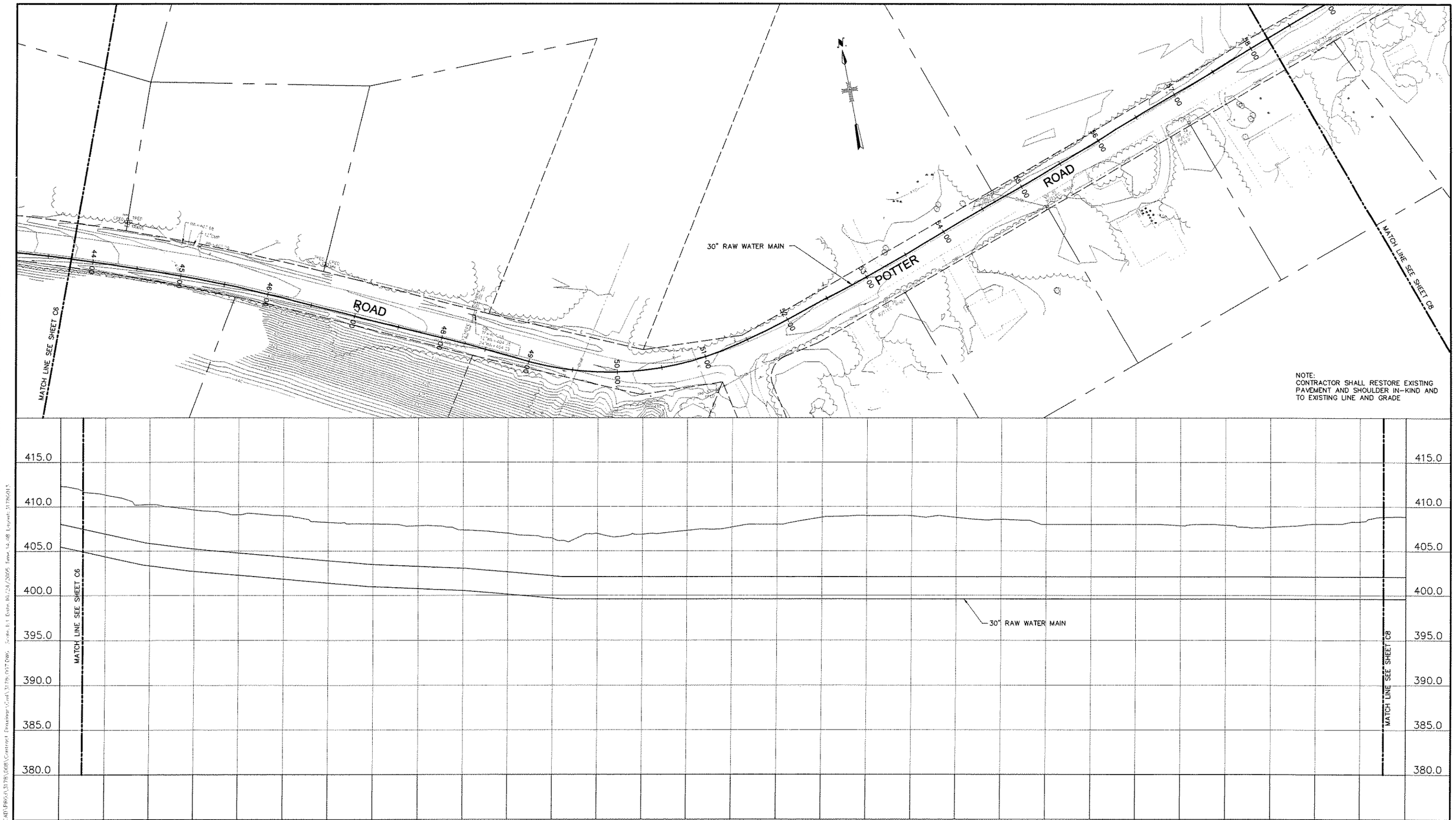
HORIZONTAL SCALE: 1" = 50' VERTICAL SCALE: 1' = 5'

COPYRIGHT © 2005
MALCOLM PIRNIE, INC.

DATE OCTOBER 2005

C SHEET 6 OF ##

CAD REF. NO. 3178C006



NOTE:
CONTRACTOR SHALL RESTORE EXISTING PAVEMENT AND SHOULDER IN-KIND AND TO EXISTING LINE AND GRADE

WARNING – IT IS A VIOLATION OF NEW YORK EDUCATION LAW SECTION 7209.2, FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OF LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION LAW, SECTION 7209.2.

MALCOLM PIRNIE

REVISIONS			
NO.	BY	DATE	REMARKS

DES TAM
DWN JLF
CKD TAM

SARATOGA COUNTY

SARATOGA COUNTY, NEW YORK

WATER TREATMENT PLANT– PRELIMINARY DRAWINGS

RAW WATER FORCE MAIN PLAN AND PROFILE IV

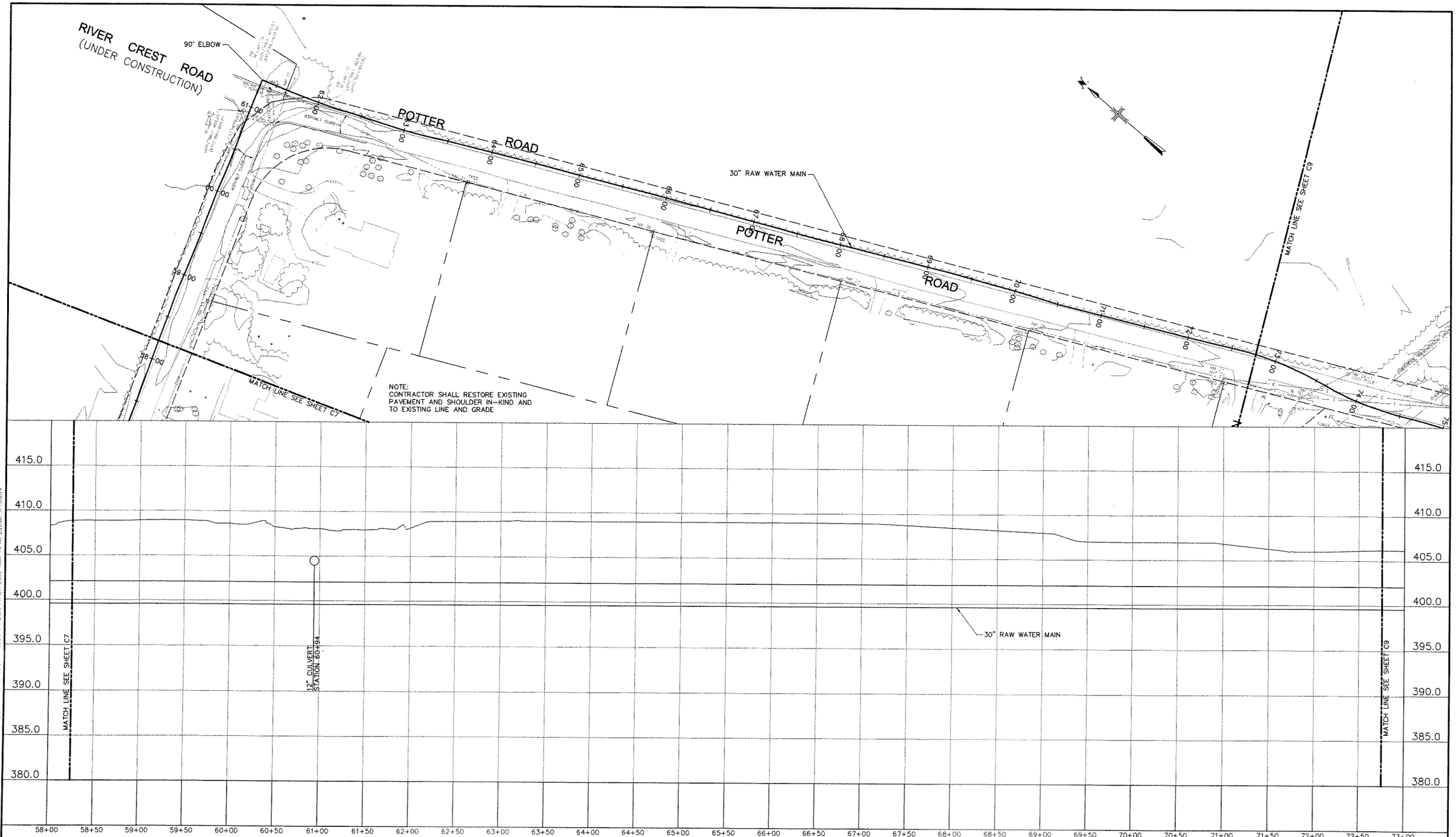
HORIZONTAL SCALE: 1" = 50' VERTICAL SCALE: 1' = 5'

COPYRIGHT © 2005
MALCOLM PIRNIE, INC.

DATE OCTOBER 2005

C SHEET 7 OF ##

CAD REF. NO. 3178C007



WARNING – IT IS A VIOLATION OF NEW YORK EDUCATION LAW SECTION 7209.2, FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION LAW, SECTION 7209.2.

MALCOLM PIRNIE

REVISIONS			
NO.	BY	DATE	REMARKS

DES TAM
DWN JLF
CKD TAM

SARATOGA COUNTY

SARATOGA COUNTY, NEW YORK

WATER TREATMENT PLANT– PRELIMINARY DRAWINGS

RAW WATER FORCE MAIN PLAN AND PROFILE V

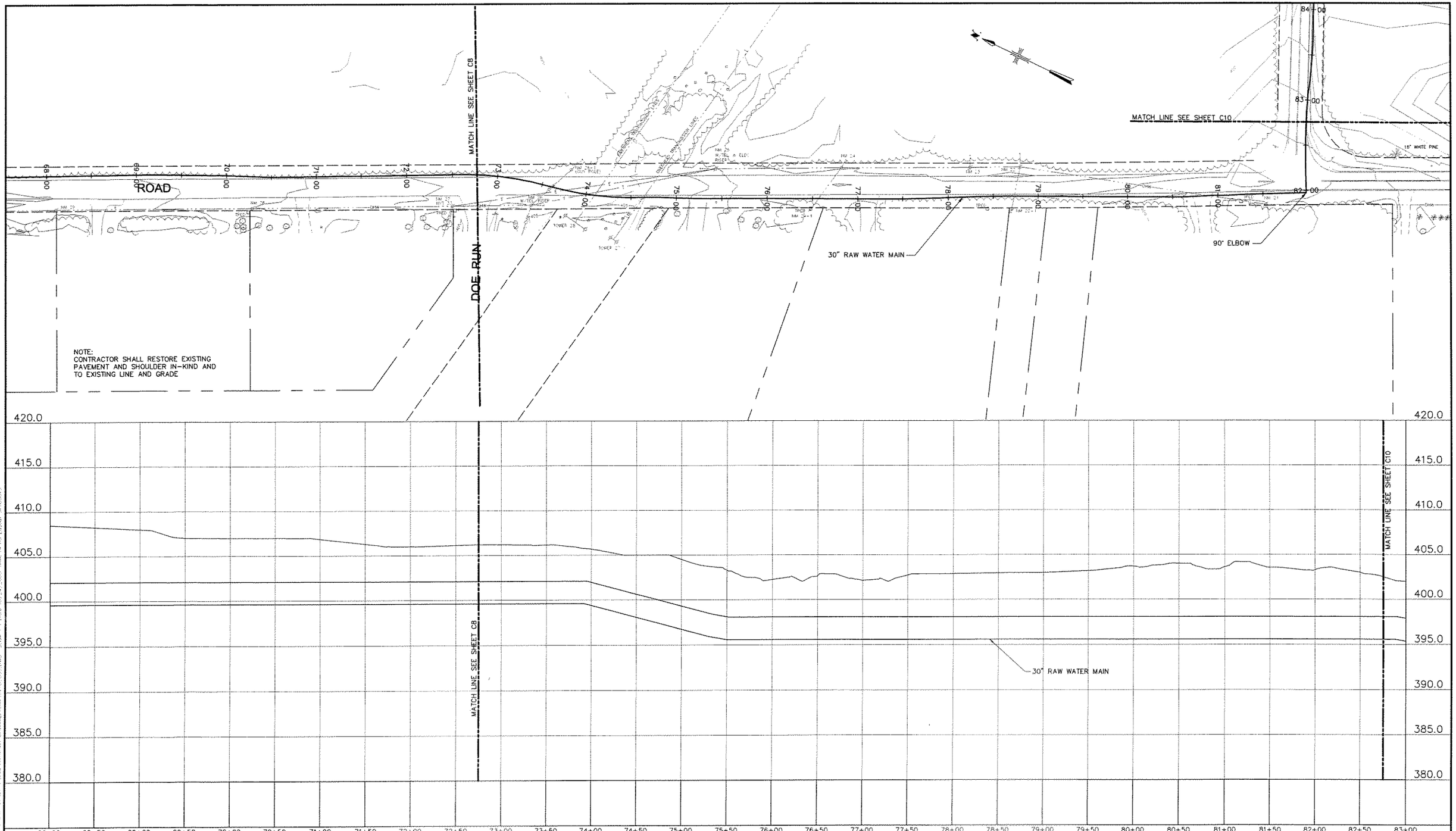
HORIZONTAL SCALE: 1" = 50' VERTICAL SCALE: 1' = 5'

COPYRIGHT © 2005
MALCOLM PIRNIE, INC.

DATE OCTOBER 2005

C SHEET 8 OF ##

CAD REF. NO. 3178C008



WARNING -- IT IS A VIOLATION OF NEW YORK EDUCATION LAW SECTION 7209.2, FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION LAW, SECTION 7209.2.

MALCOLM PIRNIE

REVISIONS			
NO.	BY	DATE	REMARKS

DES TAM
DWN JLF
CKD TAM

SARATOGA COUNTY

SARATOGA COUNTY, NEW YORK

WATER TREATMENT PLANT– PRELIMINARY DRAWINGS

RAW WATER FORCE MAIN VI PLAN AND PROFILE

HORIZONTAL SCALE: 1" = 50' VERTICAL SCALE: 1' = 5'

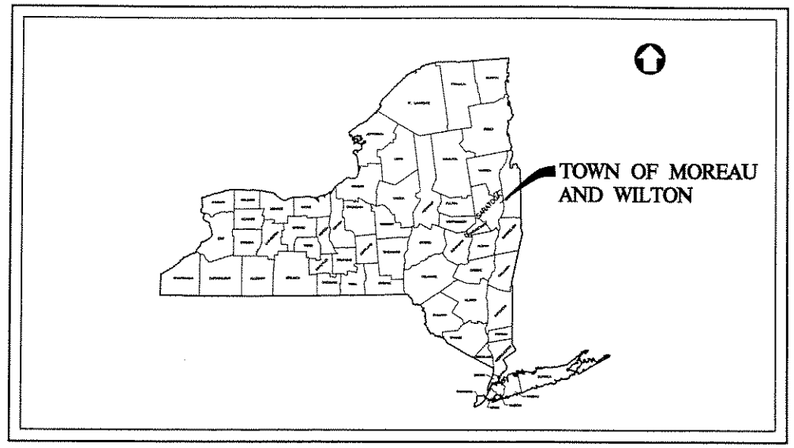
COPYRIGHT © 2005
MALCOLM PIRNIE, INC.

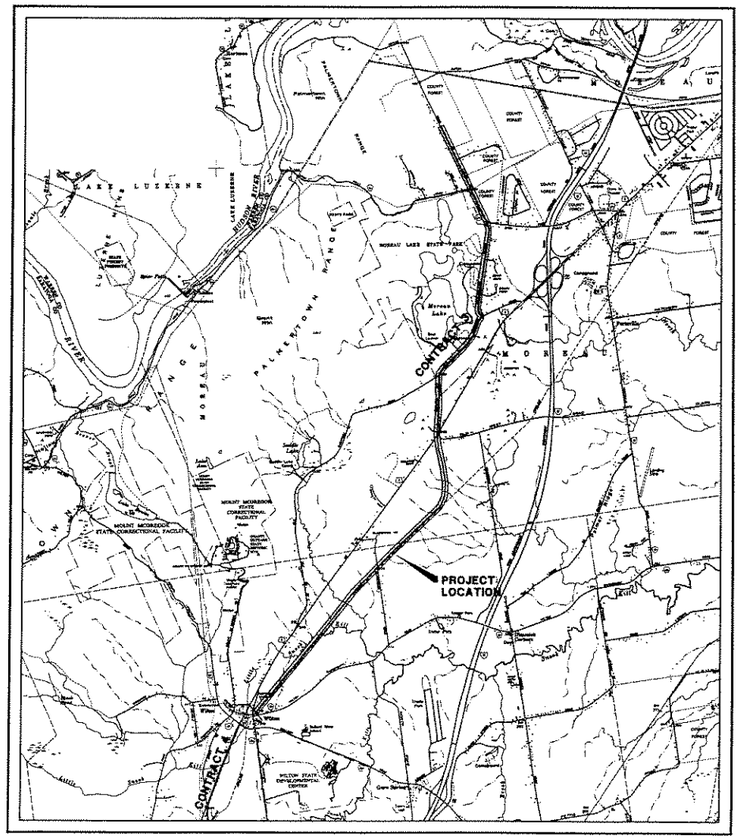
DATE OCTOBER 2005

C SHEET 9 OF ##

CAD REF. NO. 3178C009

CONTRACT 3
SARATOGA COUNTY
WATER TREATMENT AND
TRANSMISSION FACILITIES PROJECT





SITE LOCATION MAP
NO SCALE

PROGRESS
PRINT

HALF SCALE

C.T. MALE ASSOCIATES, P.C.
OCT 25 2005
PRINTED AND ISSUED

DRAWING INDEX

DRAWING NO.	SHEET NO.	DESCRIPTION
T1	1	TITLE SHEET
T2	2	DRAWING INDEX SHEET AND GENERAL NOTES
PP1	3	PLAN/PROFILE
DTL1	4	MISCELLANEOUS DETAILS
ECD1	5	EROSION CONTROL DETAILS
ECD2	6	EROSION CONTROL DETAILS
MT1	7	MAINTENCE OF TRAFFIC SIGN DETAILS

PLOT SCALE FACTOR: 1=1

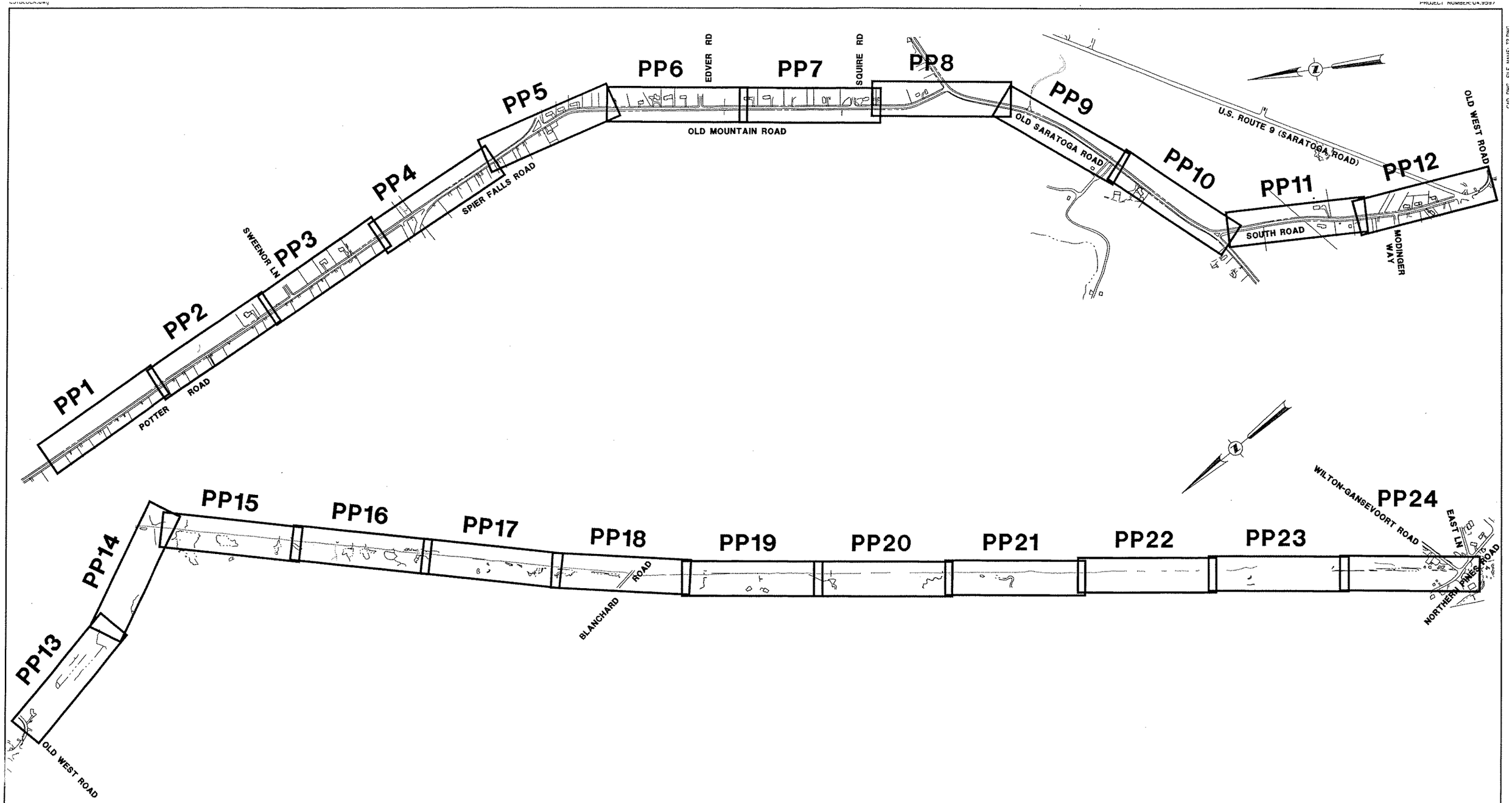
CAD DWG. FILE NAME: T1.DWG

© 2005
C.T. MALE ASSOCIATES P.C.
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

T1

C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
(518) 786-7400 • FAX (518) 786-7299
ENGINEERING • LAND SURVEYING • BUILDING SYSTEMS
LAND PLANNING • ENVIRONMENTAL SERVICES • GPS/GIS SERVICES

DATE: 2005 PROJ. NO: 04.9597 SHEET 1 OF DWG. NO: 05-203



EDWIN L. VOPELAK, JR
PE 59238

DATE		REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

© 2005
C.T. MALE ASSOCIATES, P.C.

DESIGNED : WAW
DRAFTED : WAW
CHECKED : ELV
PROJ. NO: 04.9597
SCALE : 1" =500'
DATE : 2005

INDEX DRAWING

CONTRACT 3 - WATER TRANSMISSION MAIN

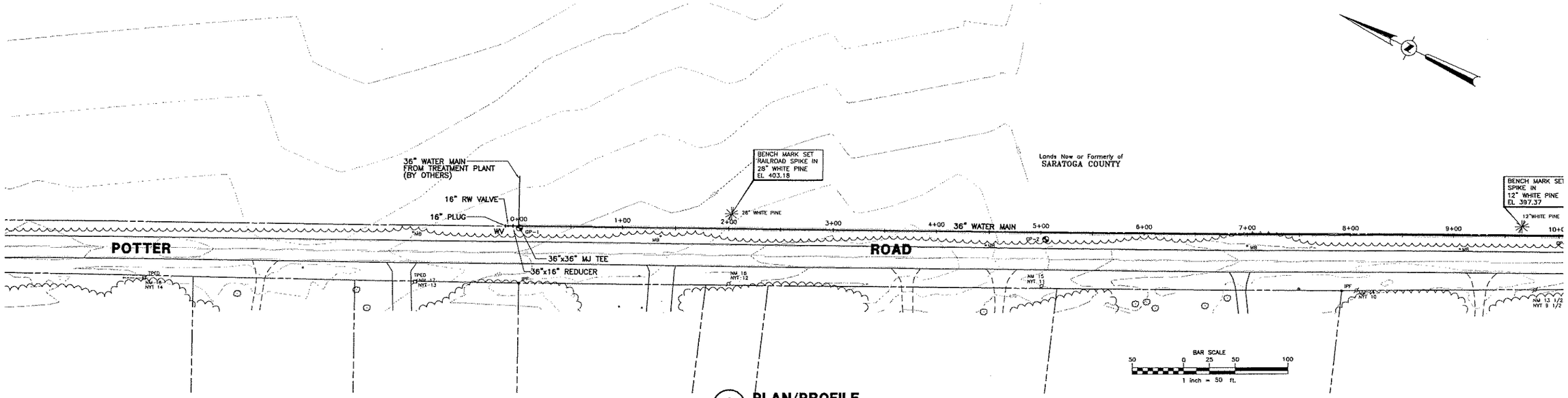
SARATOGA COUNTY, NY

C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
518.786.7400 • FAX 518.786.7299
ARCHITECTURE & BUILDING SYSTEMS ENGINEERING • CIVIL ENGINEERING
ENVIRONMENTAL SERVICES • SURVEY & LAND INFORMATION SERVICES

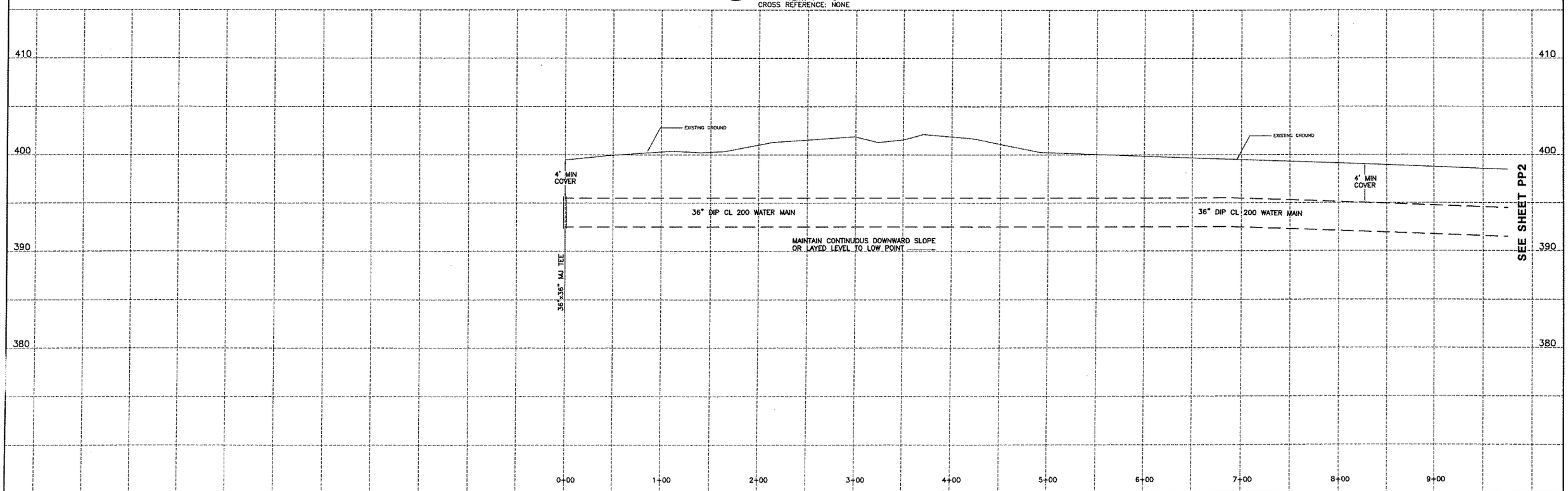
MALCOLM PIRNIE

T2
SHEET 2 OF
DWG. NO: 05-203

CAD DWG. FILE NAME: T2.DWG



1 / PP1 **PLAN/PROFILE**
SCALE: HORZ. 1" = 50'
VERT. 1" = 5'
CROSS REFERENCE: NONE



EDWIN L. VOPELAK, JR
PE 59238

DATE		REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

© 2005
C.T. MALE ASSOCIATES, P.C.

DESIGNED : WAW
DRAFTED : WAW
CHECKED : ELV
PROJ. NO: 04.9597
SCALE : AS SHOWN
DATE : 2005

PLAN/PROFILE

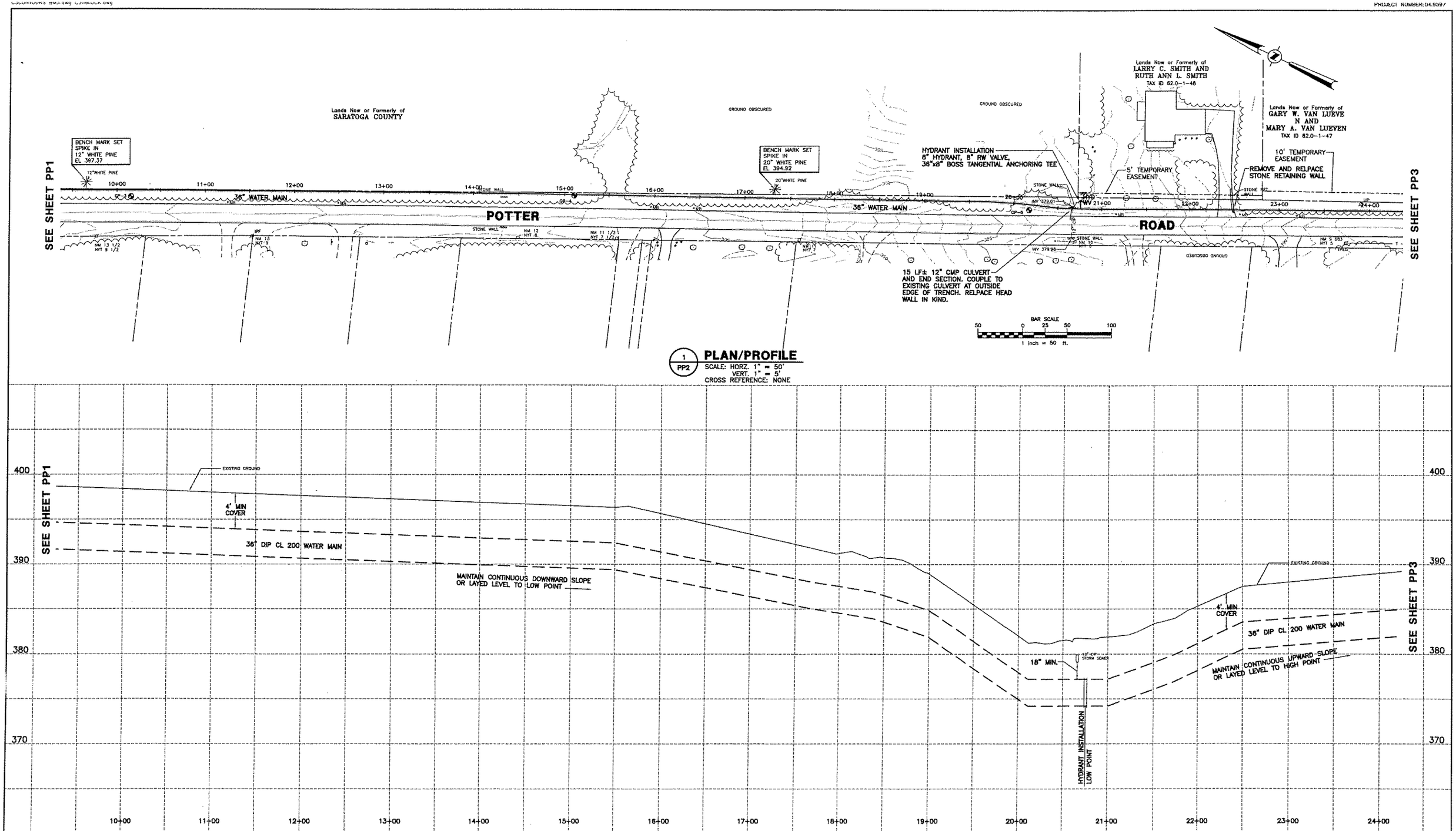
CONTRACT 3 - WATER TRANSMISSION MAIN

SARATOGA COUNTY, NY

C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
518.786.7400 • FAX 518.786.7299
ARCHITECTURE & BUILDING SYSTEMS ENGINEERING • CIVIL ENGINEERING
ENVIRONMENTAL SERVICES • SURVEY & LAND INFORMATION SERVICES

MALCOLM PIRNIE

PP1
SHEET 3 OF
DWG. NO: 05--203



EDWIN L. VOPELAK, JR
PE 59238

DATE		REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

© 2005
C.T. MALE ASSOCIATES, P.C.

DESIGNED : WAW
DRAFTED : WAW
CHECKED : ELV
PROJ. NO: 04.9597
SCALE : AS SHOWN
DATE : 2005

PLAN/PROFILE

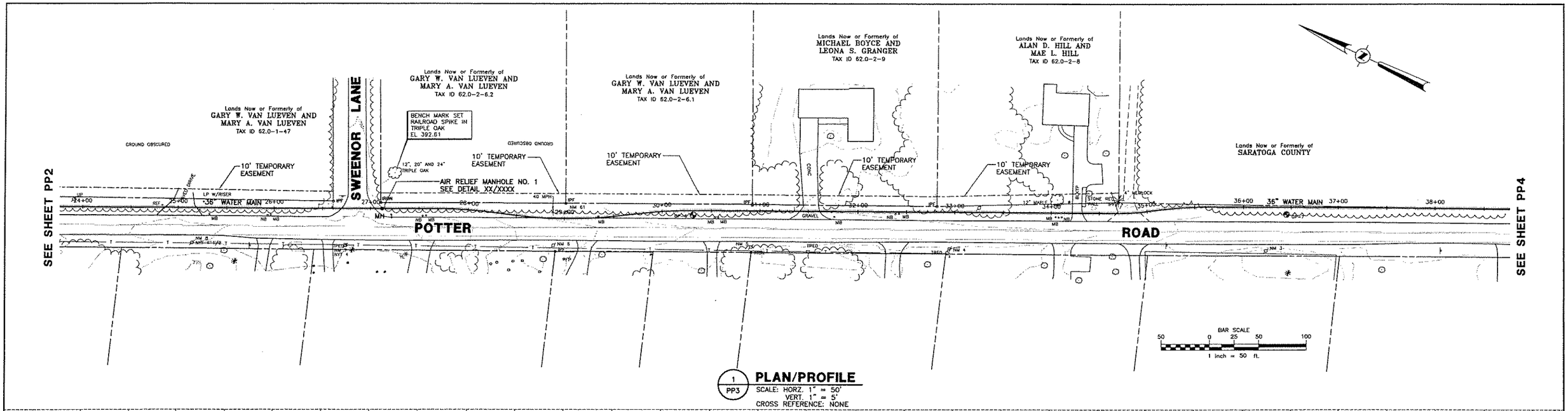
CONTRACT 3 - WATER TRANSMISSION MAIN

SARATOGA COUNTY, NY

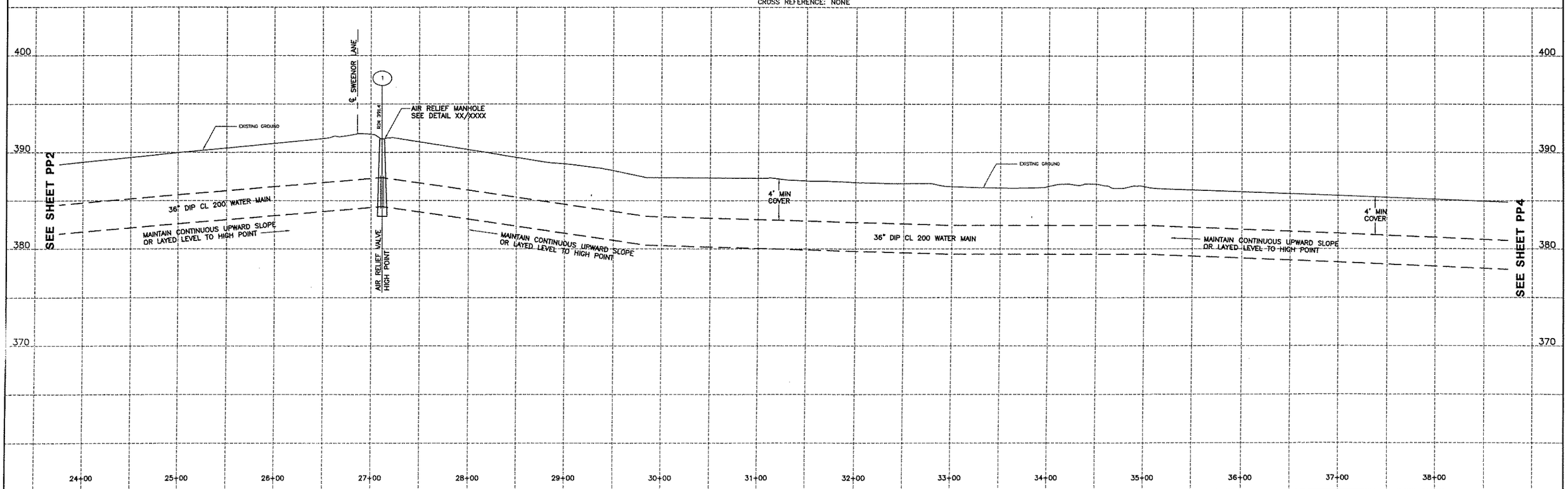
C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
518.786.7400 * FAX 518.786.7299
ARCHITECTURE & BUILDING SYSTEMS ENGINEERING * CIVIL ENGINEERING
ENVIRONMENTAL SERVICES * SURVEY & LAND INFORMATION SERVICES

MALCOLM PIRNIE

PP2
SHEET 4 OF
DWG. NO: 05-203



1 PP3 **PLAN/PROFILE**
SCALE: HORZ. 1" = 50'
VERT. 1" = 5'
CROSS REFERENCE: NONE



EDWIN L. VOPELAK, JR
PE 59238

DATE	REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.
	1			
	2			
	3			
	4			
	5			
	6			
	7			
	8			
	9			

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

© 2005
C.T. MALE ASSOCIATES, P.C.

DESIGNED : WAW
DRAFTED : WAW
CHECKED : ELV
PROJ. NO: 04.9597
SCALE : AS SHOWN
DATE : 2005

PLAN/PROFILE

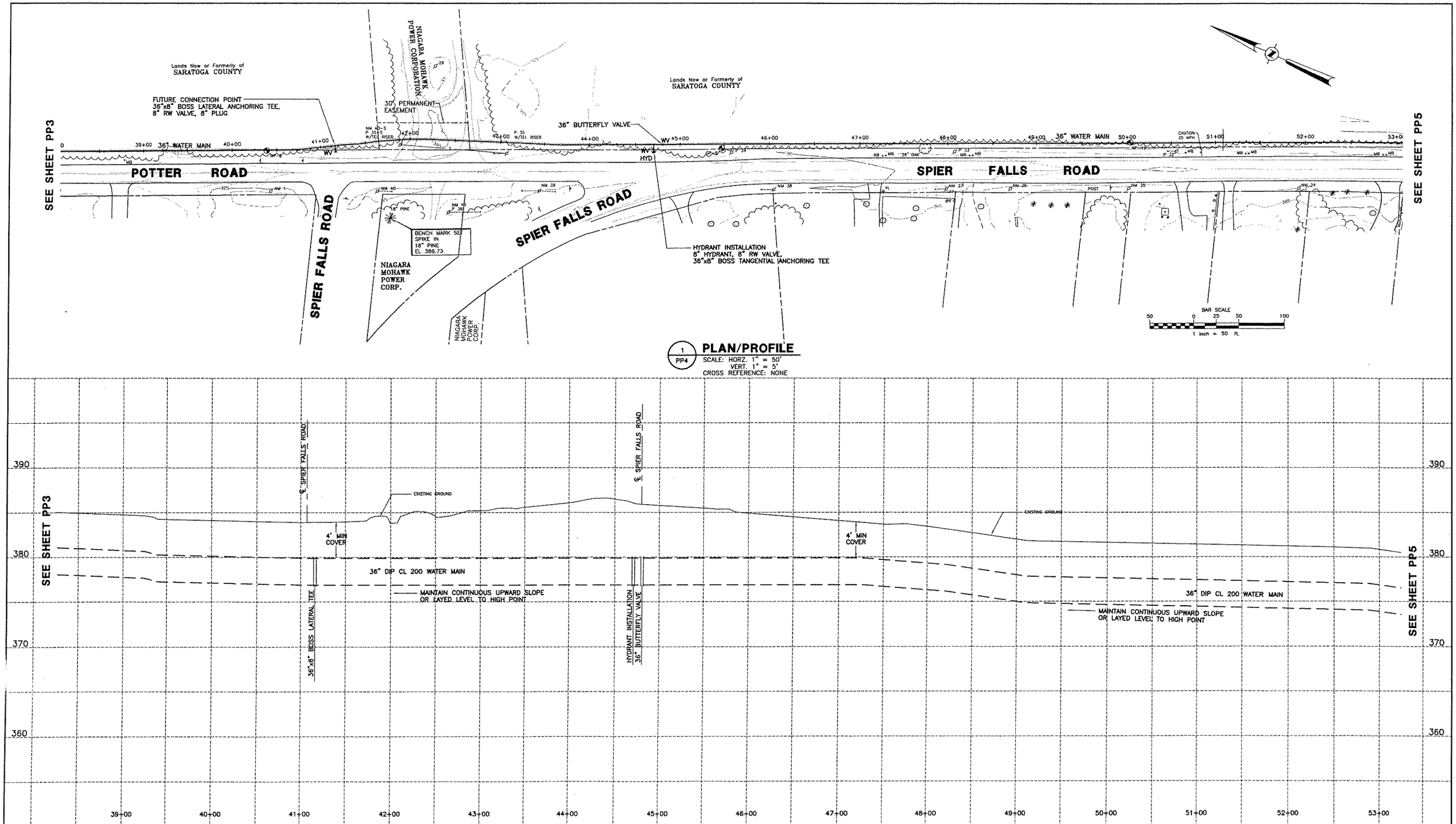
CONTRACT 3 - WATER TRANSMISSION MAIN

SARATOGA COUNTY, NY

C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
518.786.7400 • FAX 518.786.7299
ARCHITECTURE & BUILDING SYSTEMS ENGINEERING • CIVIL ENGINEERING
ENVIRONMENTAL SERVICES • SURVEY & LAND INFORMATION SERVICES

MALCOLM PIRNIE

PP3
SHEET 5 OF
DWG. NO: 05-203



EDWIN L. VOPELAK, JR
PE 59238

DATE		REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

© 2005 C.T. MALE ASSOCIATES, P.C.

DESIGNED : WAW
DRAFTED : WAW
CHECKED : ELV
PROJ. NO: 04.9597
SCALE : AS SHOWN
DATE : 2005

PLAN/PROFILE

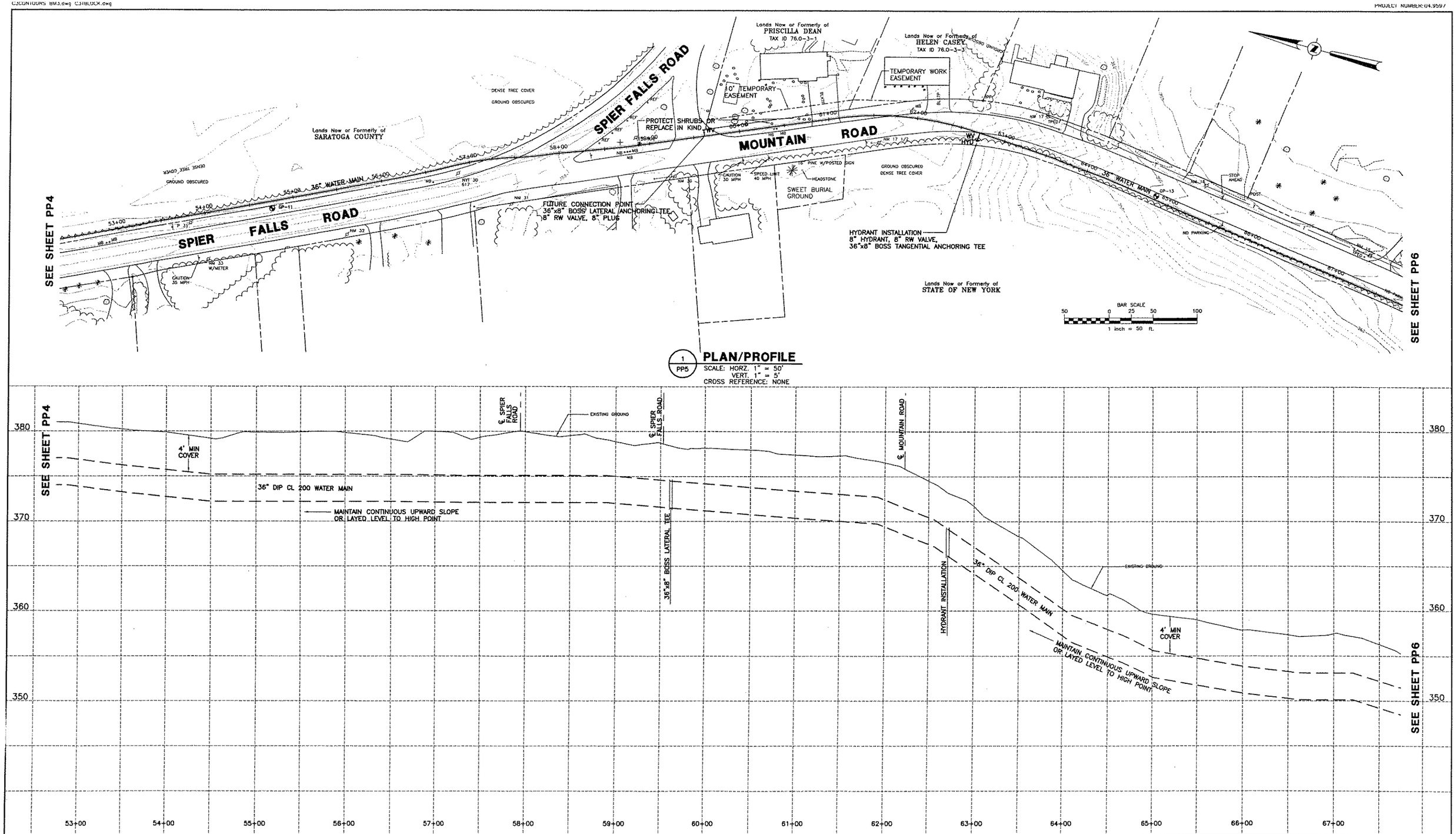
CONTRACT 3 - WATER TRANSMISSION MAIN

SARATOGA COUNTY, NY

C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
518.786.7400 • FAX 518.786.7299
ARCHITECTURE & BUILDING SYSTEMS ENGINEERING • CIVIL ENGINEERING
ENVIRONMENTAL SERVICES • SURVEY & LAND INFORMATION SERVICES

MALCOLM PIRNIE

PP4
SHEET 6 OF
DWG. NO: 05-203



1 PP5 **PLAN/PROFILE**
SCALE: HORZ. 1" = 50'
VERT. 1" = 5'
CROSS REFERENCE: NONE

EDWIN L. VOPELAK, JR
PE 59238

DATE	REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.
	1			
	2			
	3			
	4			
	5			
	6			
	7			
	8			
	9			

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

© 2005
C.T. MALE ASSOCIATES, P.C.

DESIGNED : WAW
DRAFTED : WAW
CHECKED : ELV
PROJ. NO: 04.9597
SCALE : AS SHOWN
DATE : 2005

PLAN/PROFILE

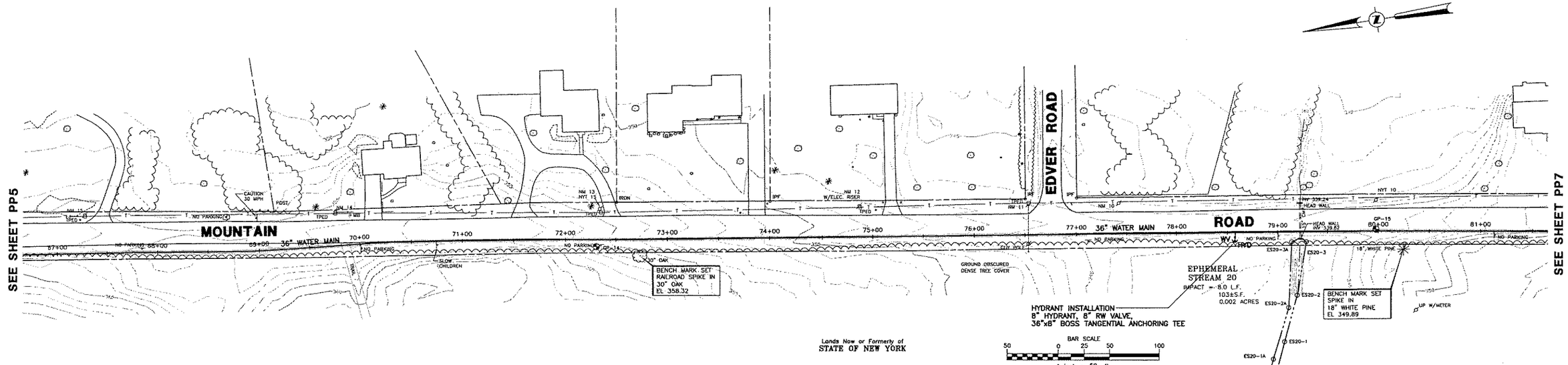
CONTRACT 3 - WATER TRANSMISSION MAIN

SARATOGA COUNTY, NY

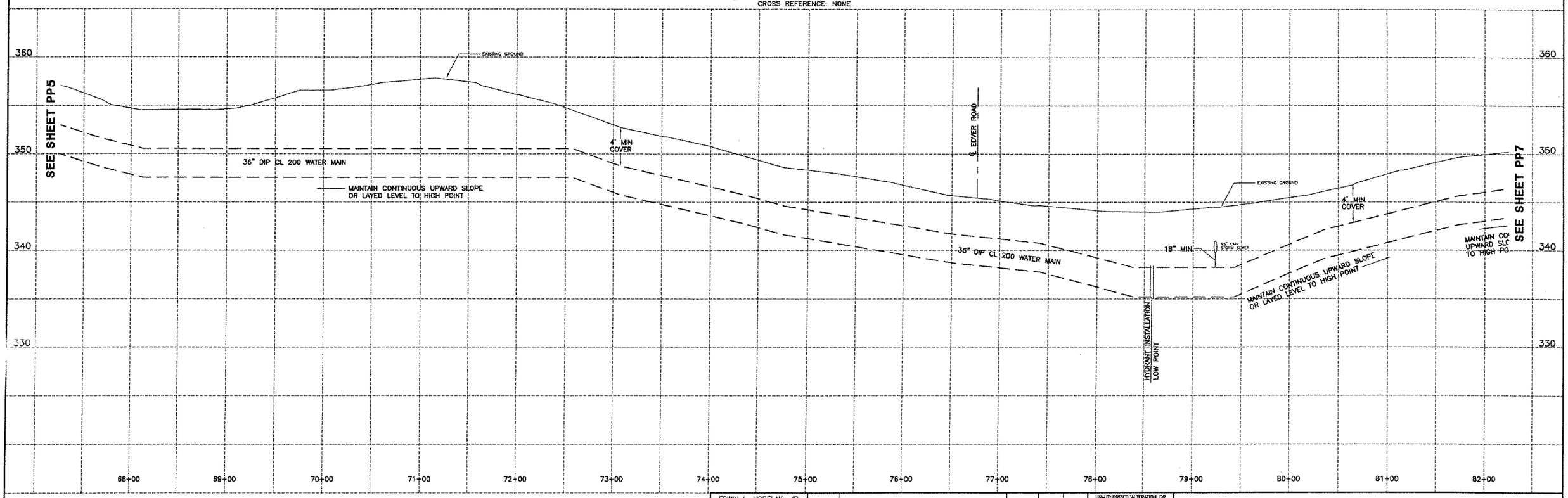
C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
518.786.7400 • FAX 518.786.7299
ARCHITECTURE & BUILDING SYSTEMS ENGINEERING • CIVIL ENGINEERING
ENVIRONMENTAL SERVICES • SURVEY & LAND INFORMATION SERVICES

MALCOLM PIRNIE

PP5
SHEET 7 OF
DWG. NO: 05-203



1 PP6 **PLAN/PROFILE**
SCALE: HORZ. 1" = 50'
VERT. 1" = 5'
CROSS REFERENCE: NONE



EDWIN L. VOPELAK, JR
PE 59238

DATE		REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

© 2005
C.T. MALE ASSOCIATES, P.C.

DESIGNED : WAW
DRAFTED : WAW
CHECKED : ELV
PROJ. NO: 04.9597
SCALE : AS SHOWN
DATE : 2005

PLAN/PROFILE

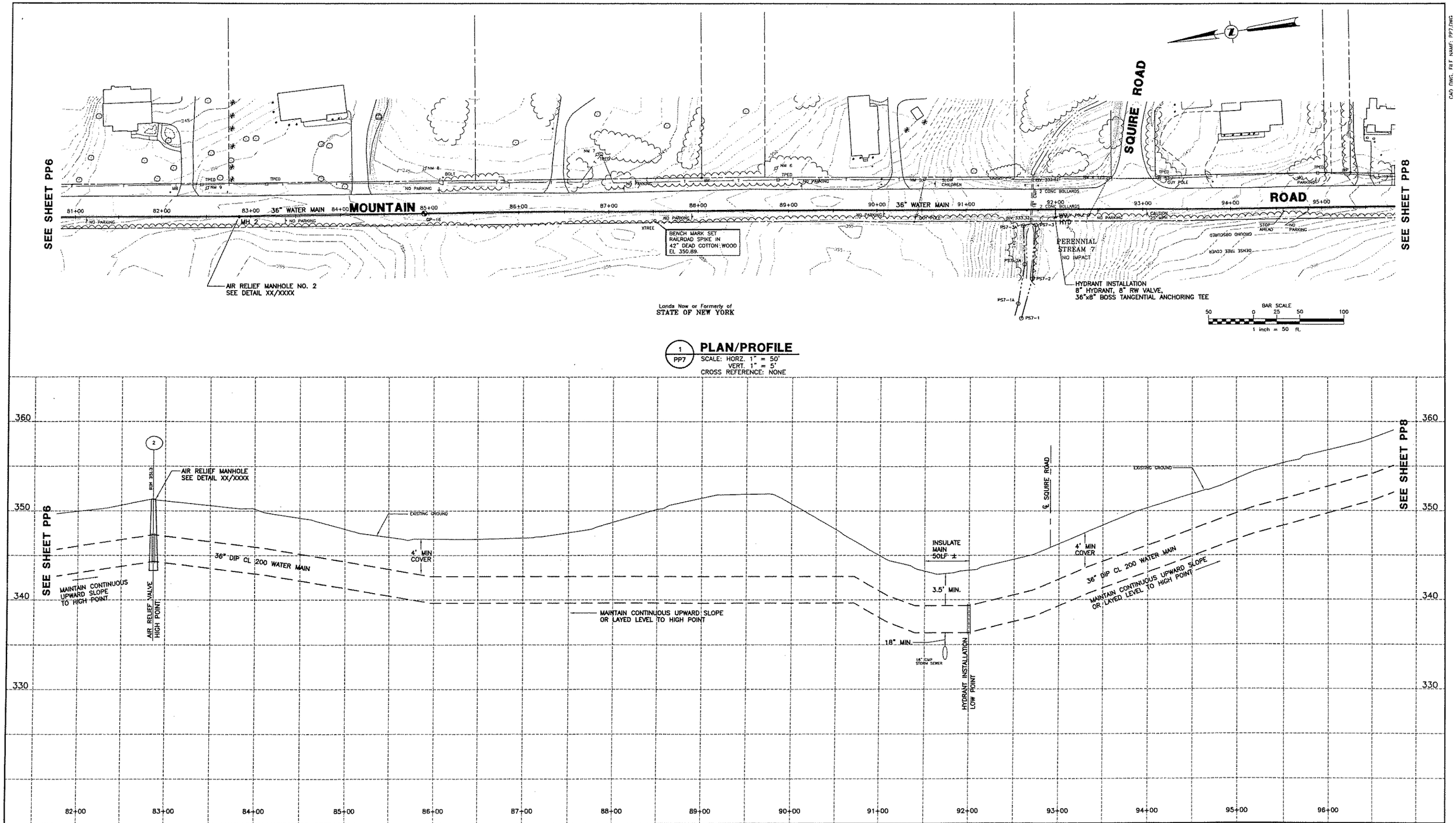
CONTRACT 3 - WATER TRANSMISSION MAIN

SARATOGA COUNTY, NY

C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
518.786.7400 • FAX 518.786.7299
ARCHITECTURE & BUILDING SYSTEMS ENGINEERING • CIVIL ENGINEERING
ENVIRONMENTAL SERVICES • SURVEY & LAND INFORMATION SERVICES

MALCOLM PIRNIE

PP6
SHEET 8 OF
DWG. NO: 05-203



EDWIN L. VOPELAK, JR
PE 59238

DATE		REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

© 2005
C.T. MALE ASSOCIATES, P.C.

DESIGNED : WAW
DRAFTED : WAW
CHECKED : ELV
PROJ. NO: 04.9597
SCALE : AS SHOWN
DATE : 2005

PLAN/PROFILE

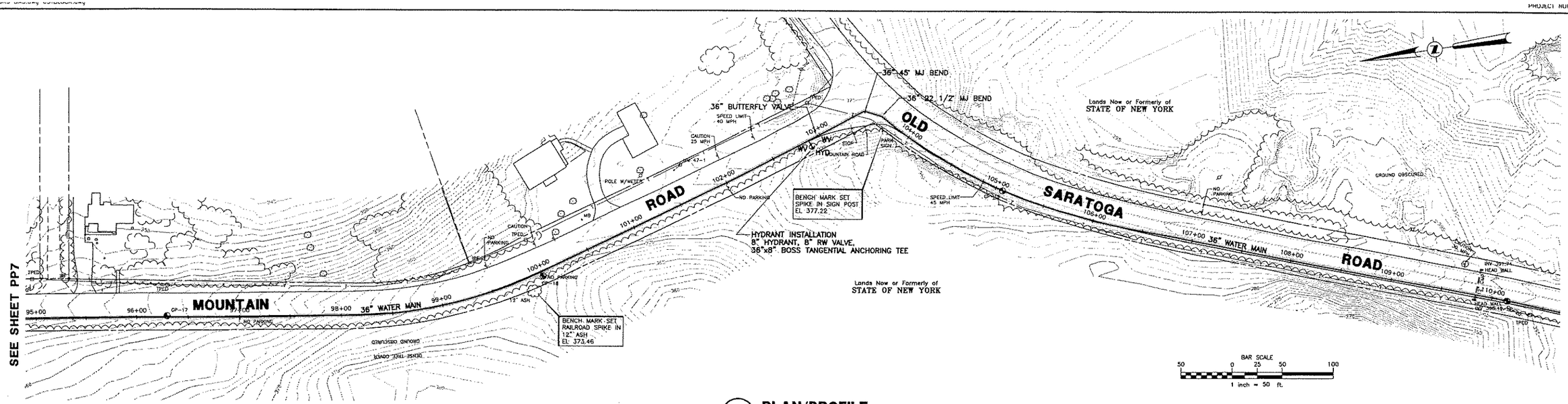
CONTRACT 3 - WATER TRANSMISSION MAIN

SARATOGA COUNTY, NY

C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
518.786.7400 • FAX 518.786.7299
ARCHITECTURE & BUILDING SYSTEMS ENGINEERING • CIVIL ENGINEERING
ENVIRONMENTAL SERVICES • SURVEY & LAND INFORMATION SERVICES

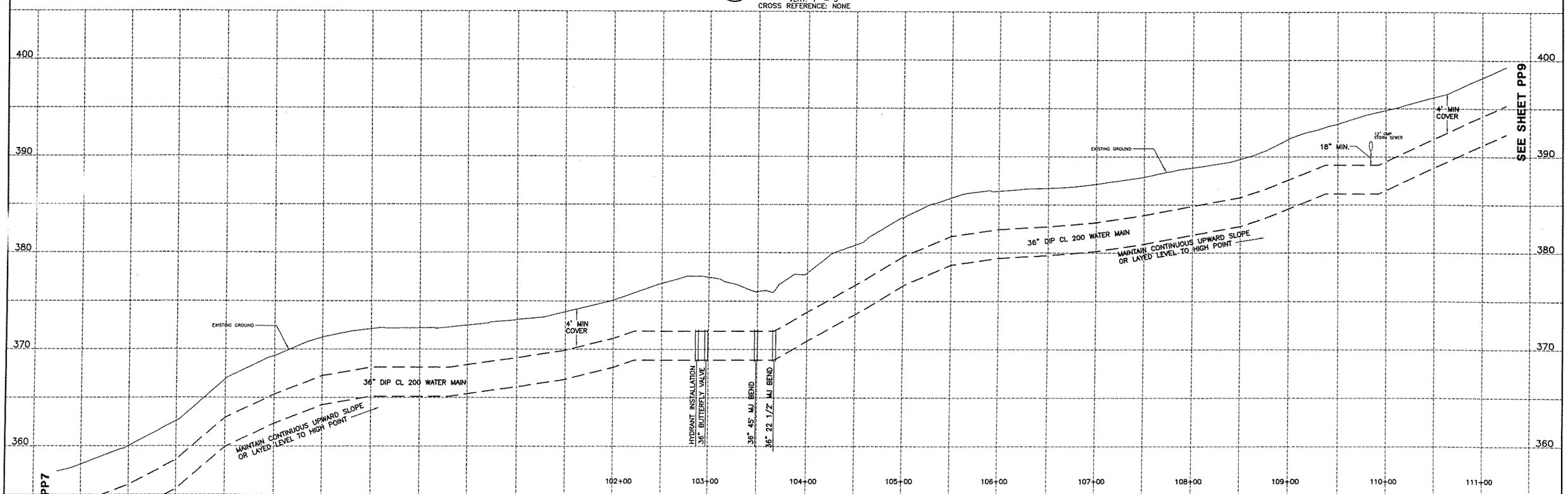
MALCOLM PIRNIE

PP7
SHEET 9 OF
DWG. NO: 05-203



1 PP8 **PLAN/PROFILE**

SCALE: HORZ. 1" = 50'
VERT. 1" = 5'
CROSS REFERENCE: NONE



EDWIN L. VOPELAK, JR
PE 59238

DATE		REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

© 2005
C.T. MALE ASSOCIATES, P.C.

DESIGNED: WAW
DRAFTED : WAW
CHECKED : ELV
PROJ. NO: 04.9597
SCALE : AS SHOWN
DATE : 2005

PLAN/PROFILE

CONTRACT 3 - WATER TRANSMISSION MAIN

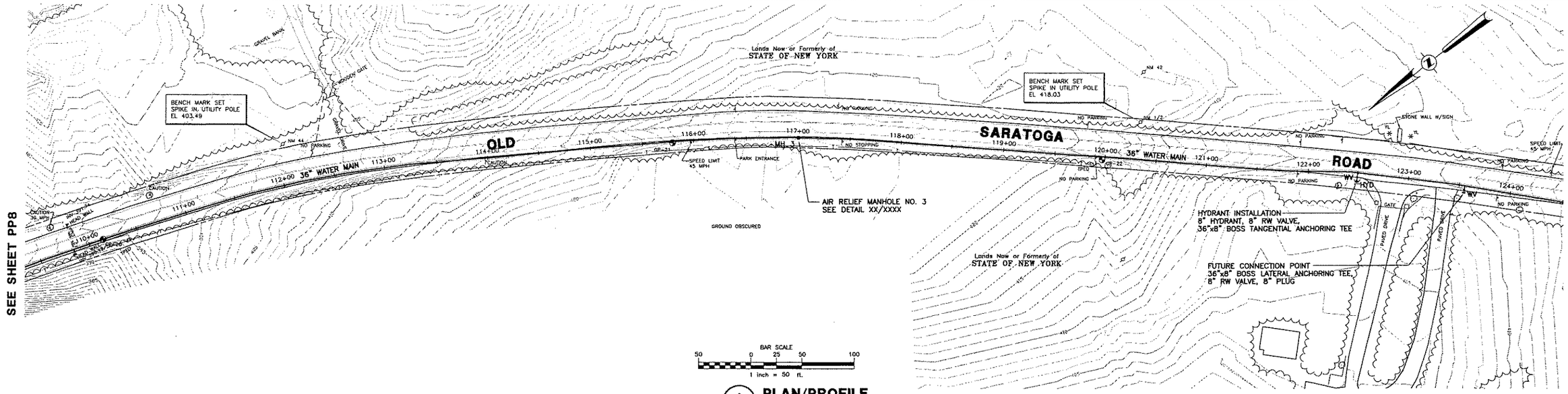
SARATOGA COUNTY, NY

C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
518.786.7400 • FAX 518.786.7299
ARCHITECTURE & BUILDING SYSTEMS ENGINEERING • CIVIL ENGINEERING
ENVIRONMENTAL SERVICES • SURVEY & LAND INFORMATION SERVICES

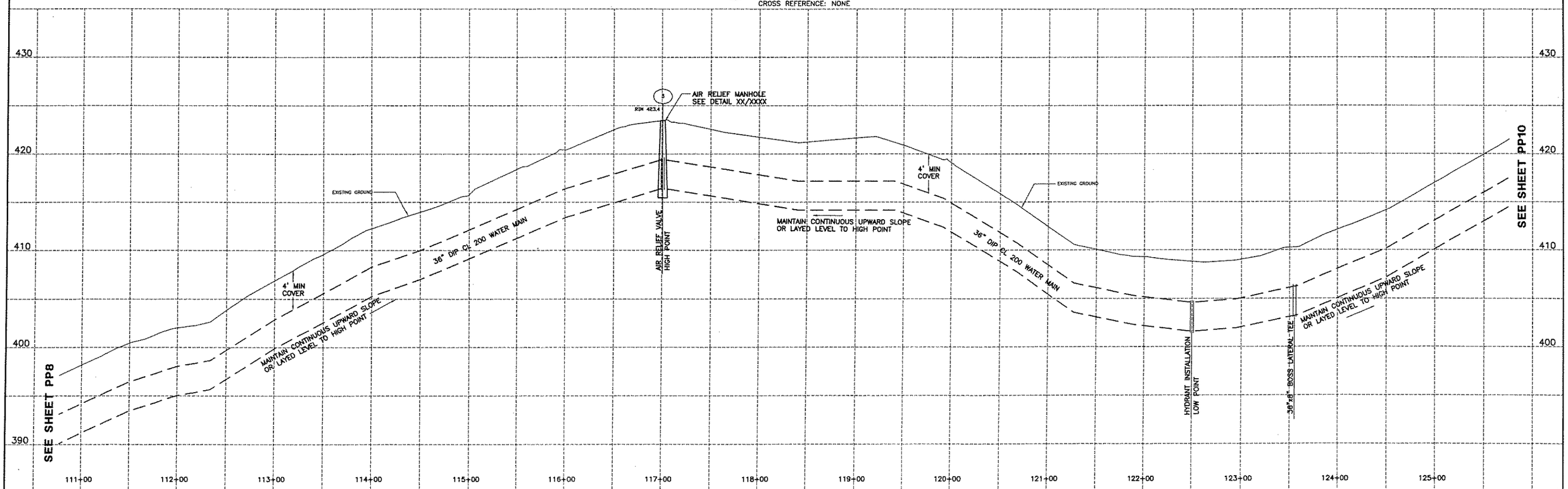
MALCOLM PIRNIE

PP8
SHEET 10 OF
DWG. NO: 05-203

CAD DWG. FILE NAME: PP8.DWG
CAD DWG. FILE NAME: PPR.DWG



1 / PP9 **PLAN/PROFILE**
SCALE: HORZ. 1" = 50'
VERT. 1" = 5'
CROSS REFERENCE: NONE



EDWIN L. VOPELAK, JR
PE 59238

DATE		REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

© 2005
C.T. MALE ASSOCIATES, P.C.

DESIGNED : WAW
DRAFTED : WAW
CHECKED : ELV
PROJ. NO: 04.9597
SCALE : AS SHOWN
DATE : 2005

PLAN/PROFILE

CONTRACT 3 - WATER TRANSMISSION MAIN

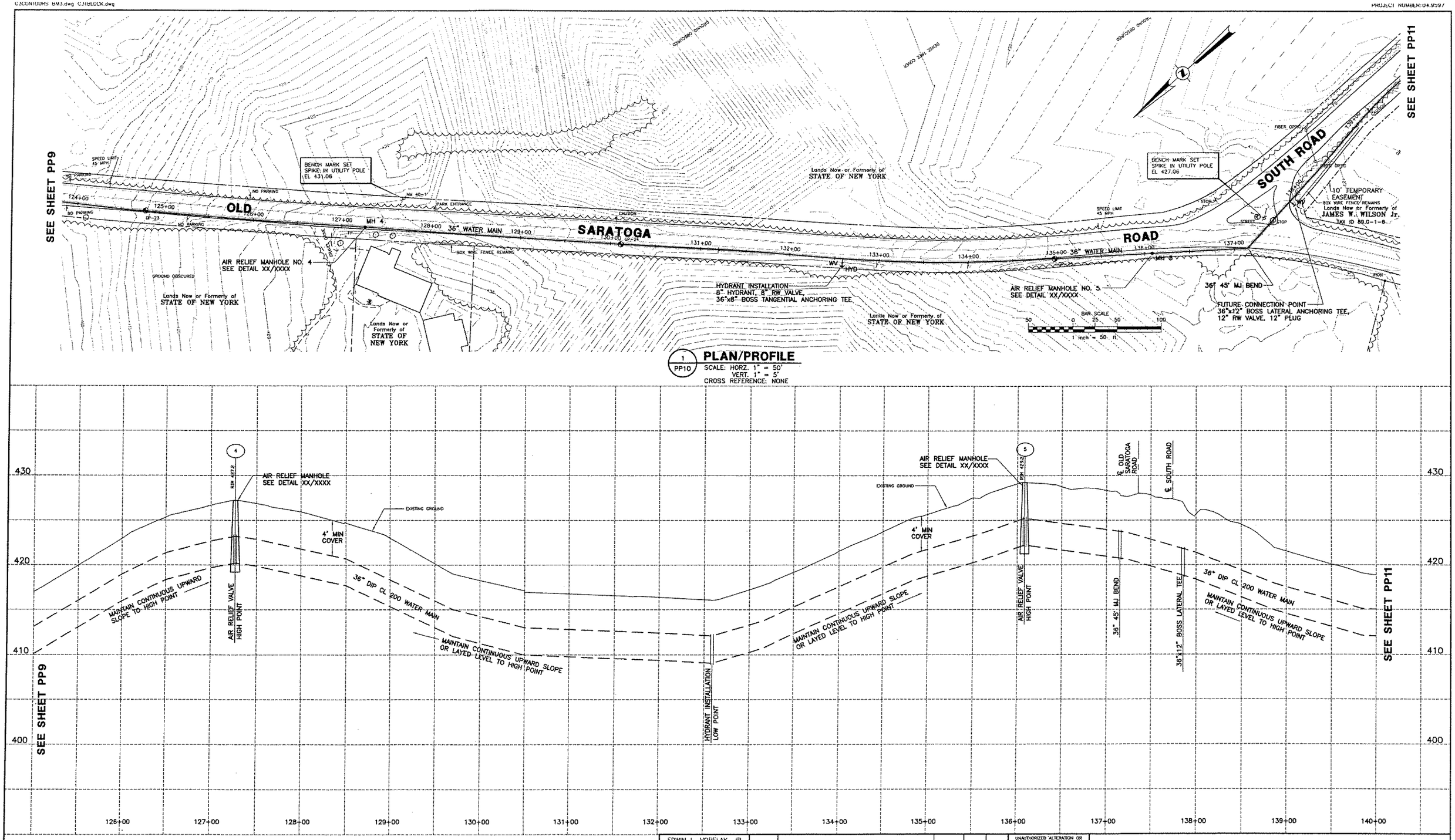
SARATOGA COUNTY, NY

C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
518.786.7400 * FAX 518.786.7299
ARCHITECTURE & BUILDING SYSTEMS ENGINEERING * CIVIL ENGINEERING
ENVIRONMENTAL SERVICES * SURVEY & LAND INFORMATION SERVICES

MALCOLM PIRNIE

PP9
SHEET 11 OF
DWG. NO: 05-203

CAD DWG. FILE NAME: PP9.DWG



1 PP10 **PLAN/PROFILE**
SCALE: HORZ. 1" = 50'
VERT. 1" = 5'
CROSS REFERENCE: NONE

EDWIN L. VOPELAK, JR
PE 59238

DATE	REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.
	1			
	2			
	3			
	4			
	5			
	6			
	7			
	8			
	9			

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.
© 2005 C.T. MALE ASSOCIATES, P.C.

DESIGNED: WAW
DRAFTED : WAW
CHECKED : ELV
PROJ. NO: 04.9597
SCALE : AS SHOWN
DATE : 2005

PLAN/PROFILE

CONTRACT 3 - WATER TRANSMISSION MAIN

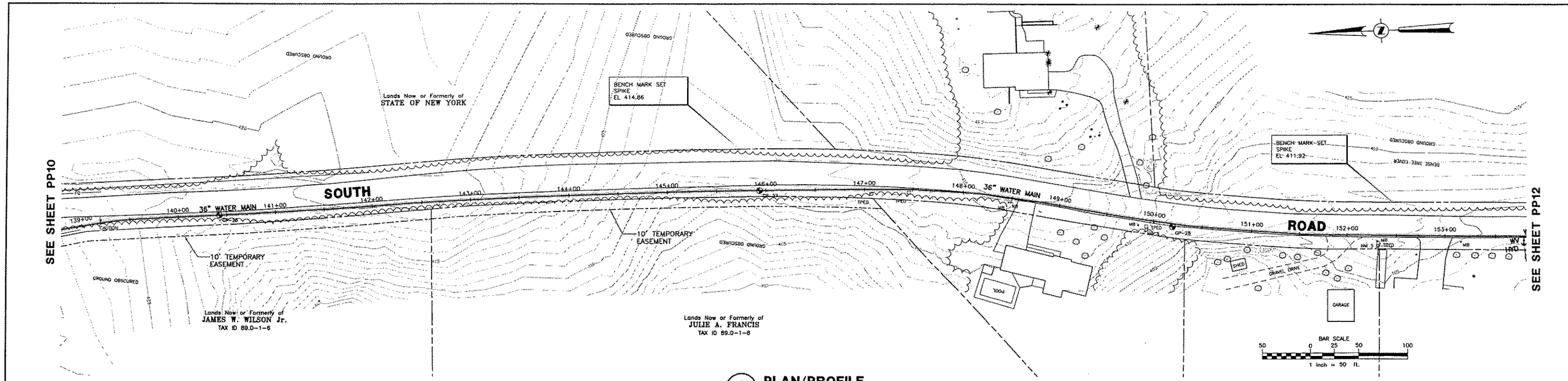
SARATOGA COUNTY, NY

C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
518.786.7400 • FAX 518.786.7299
ARCHITECTURE & BUILDING SYSTEMS ENGINEERING • CIVIL ENGINEERING
ENVIRONMENTAL SERVICES • SURVEY & LAND INFORMATION SERVICES

MALCOLM PIRNIE

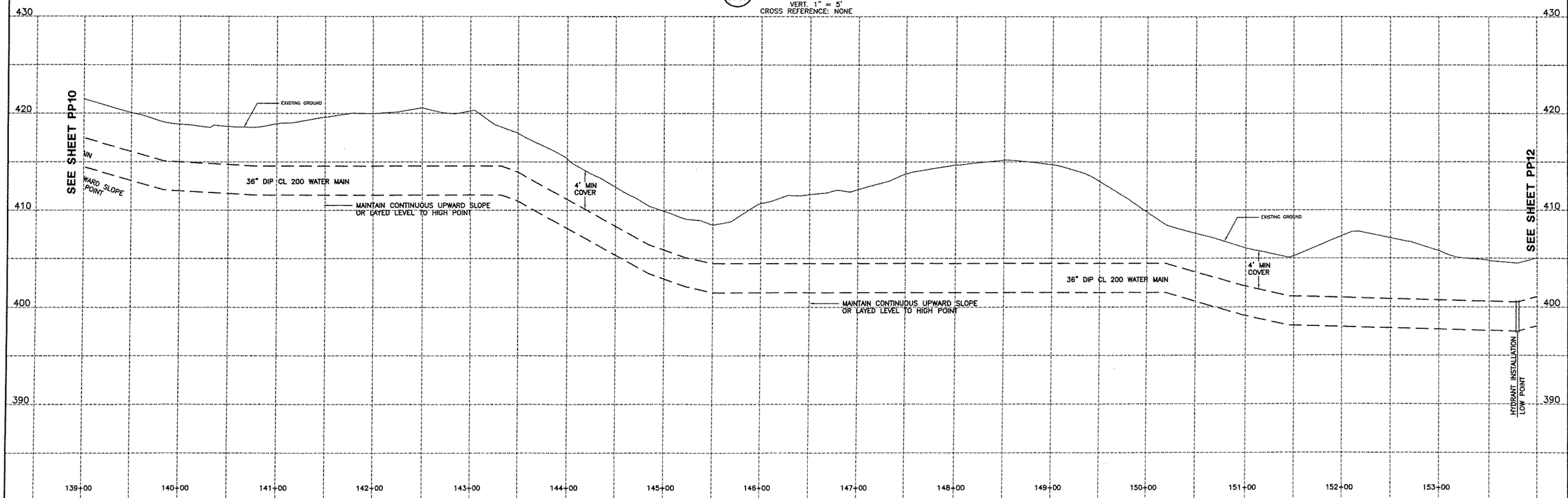
PP10
SHEET 12 OF
DWG. NO: 05-203

CAD DWG. FILE NAME: PP10.DWG



1 PP11 **PLAN/PROFILE**

SCALE: HORZ. 1" = 50'
VERT. 1" = 5'
CROSS REFERENCE: NONE



EDWIN L. VOPELAK, JR
PE 59238

DATE		REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

© 2005
C.T. MALE ASSOCIATES, P.C.

DESIGNED : WAW
DRAFTED : WAW
CHECKED : ELV
PROJ. NO: 04.9597
SCALE : AS SHOWN
DATE : 2005

PLAN/PROFILE

CONTRACT 3 - WATER TRANSMISSION MAIN

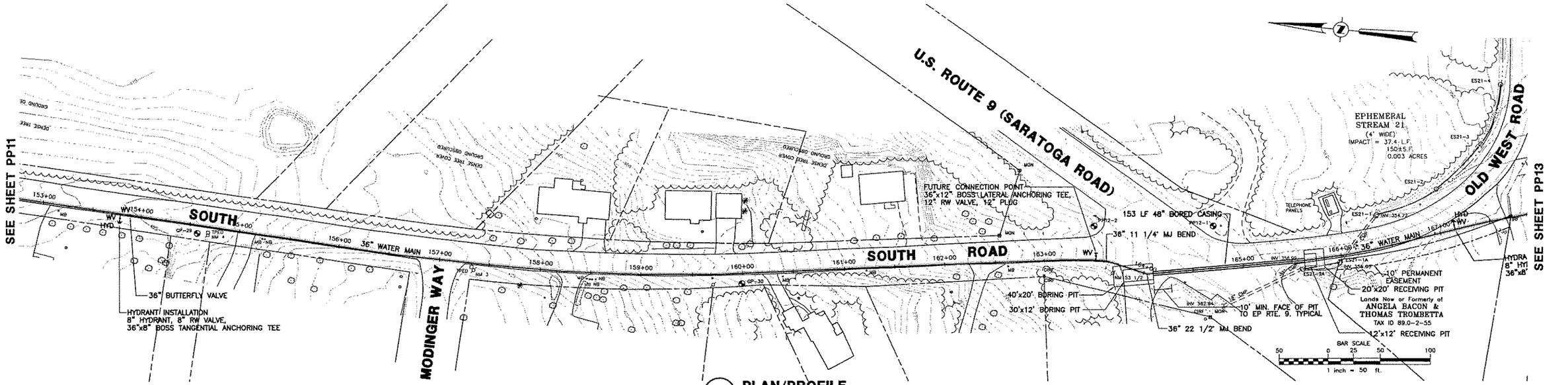
SARATOGA COUNTY, NY

C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
518.786.7400 * FAX 518.786.7299
ARCHITECTURE & BUILDING SYSTEMS ENGINEERING * CIVIL ENGINEERING
ENVIRONMENTAL SERVICES * SURVEY & LAND INFORMATION SERVICES

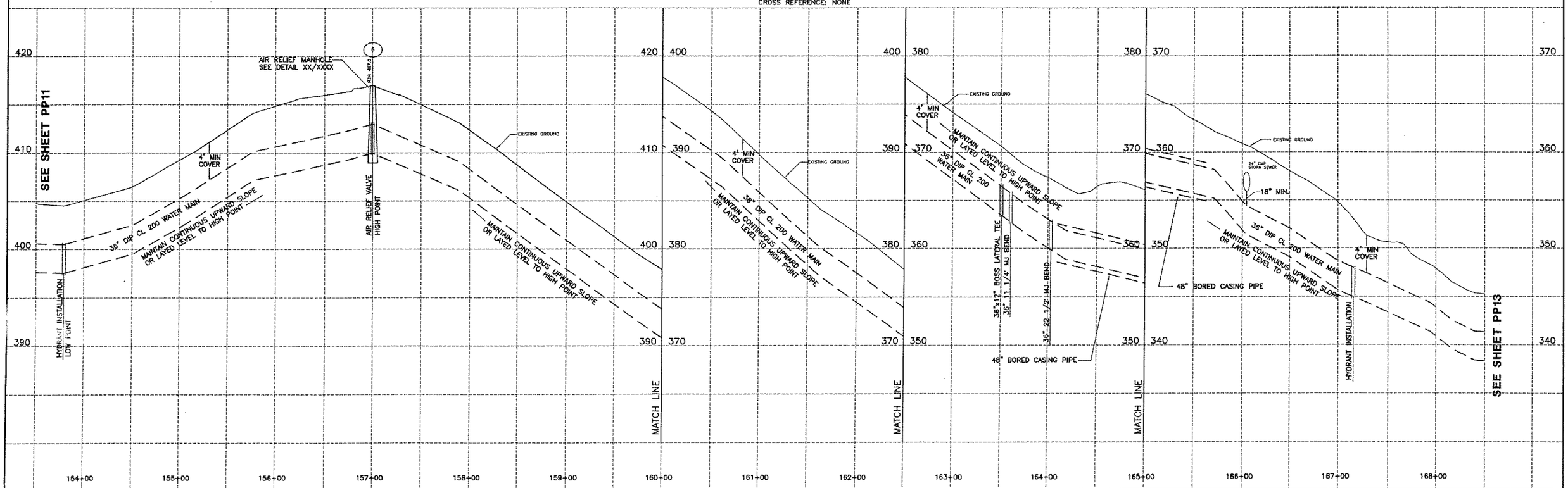
MALCOLM PIRNIE

PP11
SHEET 13 OF
DWG. NO: 05-203

CAD DWG. FILE NAME: PP11.DWG



1 PP12 **PLAN/PROFILE**
SCALE: HORZ. 1" = 50'
VERT. 1" = 5'
CROSS REFERENCE: NONE



EDWIN L. VOPELAK, JR PE 59238	DATE	REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

© 2005
C.T. MALE ASSOCIATES, P.C.

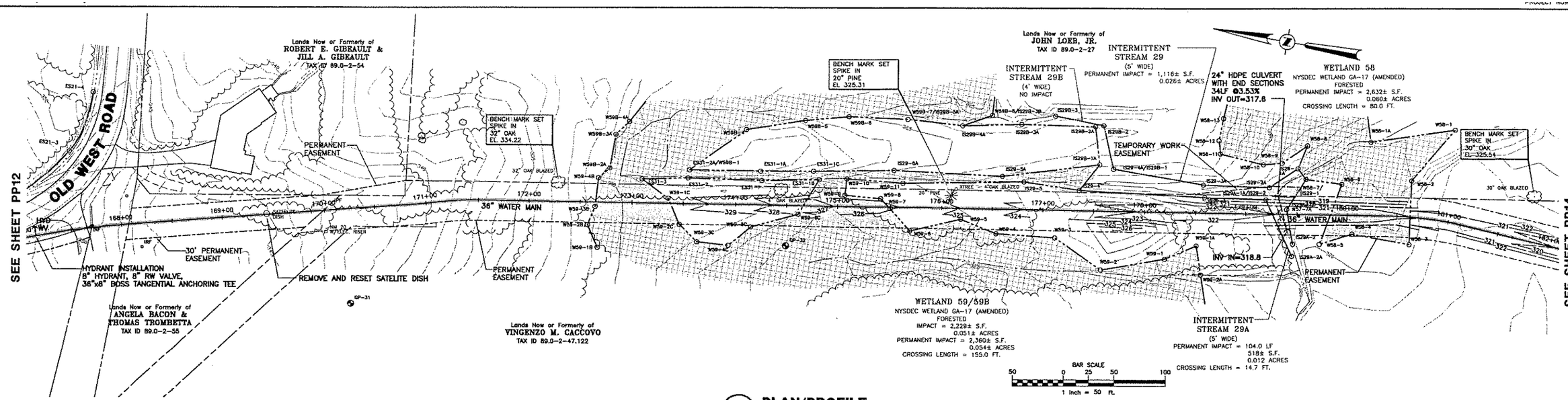
DESIGNED : WAW
DRAFTED : WAW
CHECKED : ELV
PROJ. NO: 04.9597
SCALE : AS SHOWN
DATE : 2005

PLAN/PROFILE

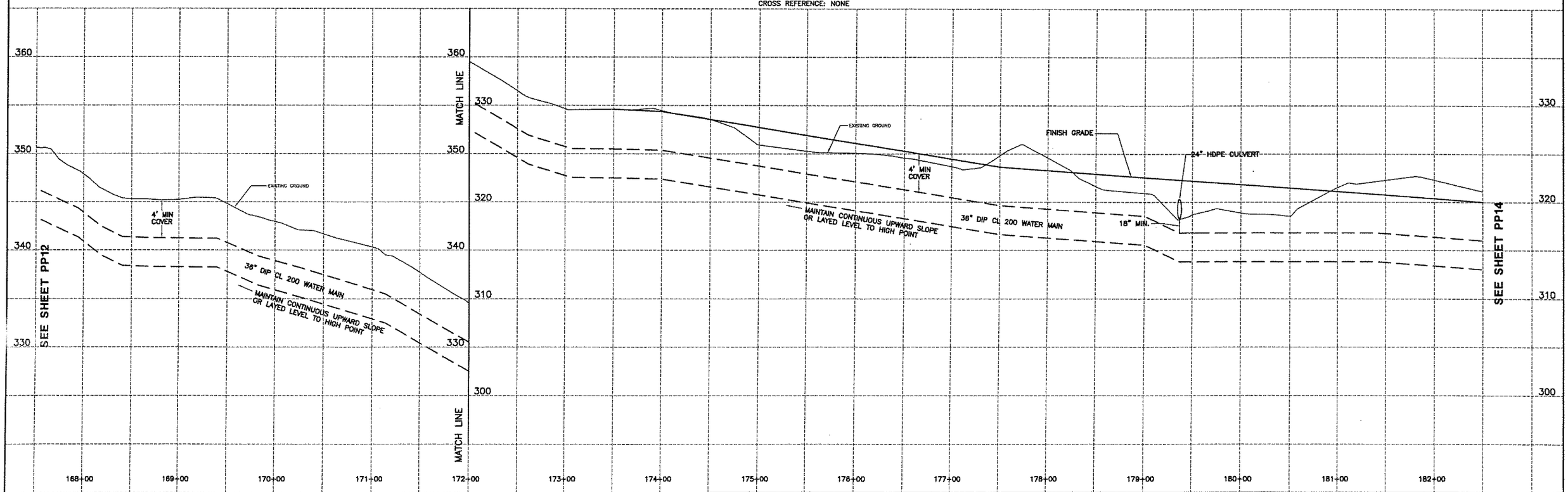
CONTRACT 3 - WATER TRANSMISSION MAIN

SARATOGA COUNTY, NY

C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
518.786.7400 * FAX 518.786.7299
ARCHITECTURE & BUILDING SYSTEMS ENGINEERING * CIVIL ENGINEERING
ENVIRONMENTAL SERVICES * SURVEY & LAND INFORMATION SERVICES
MALCOLM PIRNIE



1 PP13 **PLAN/PROFILE**
SCALE: HORZ. 1" = 50'
VERT. 1" = 5'
CROSS REFERENCE: NONE



EDWIN L. VOPELAK, JR
PE 59238

DATE		REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

© 2005
C.T. MALE ASSOCIATES, P.C.

DESIGNED: WAW
DRAFTED : WAW
CHECKED : ELV
PROJ. NO: 04.9597
SCALE : AS SHOWN
DATE : 2005

PLAN/PROFILE

CONTRACT 3 - WATER TRANSMISSION MAIN

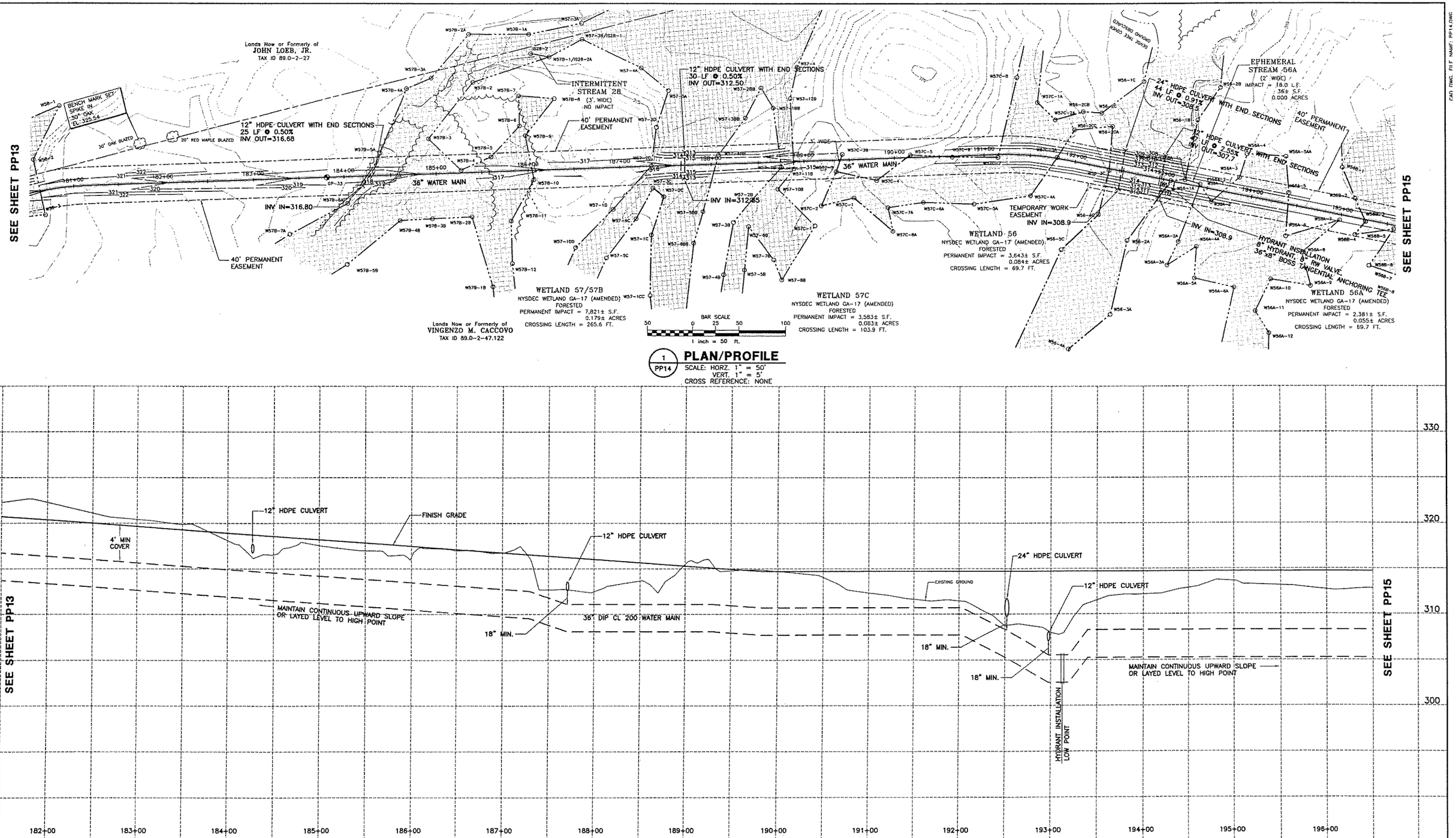
SARATOGA COUNTY, NY

C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
518.786.7400 * FAX 518.786.7299
ARCHITECTURE & BUILDING SYSTEMS ENGINEERING * CIVIL ENGINEERING
ENVIRONMENTAL SERVICES * SURVEY & LAND INFORMATION SERVICES

MALCOLM PIRNIE

PP13
SHEET 15 OF
DWG. NO: 05-203

CAD DWG. FILE NAME: PP13.DWG



1 PP14 **PLAN/PROFILE**
SCALE: HORZ. 1" = 50'
VERT. 1" = 5'
CROSS REFERENCE: NONE

EDWIN L. VOPELAK, JR
PE 59238

DATE		REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

© 2005
C.T. MALE ASSOCIATES, P.C.

DESIGNED: WAW
DRAFTED : WAW
CHECKED : ELV
PROJ. NO: 04.9597
SCALE : AS SHOWN
DATE : 2005

PLAN/PROFILE

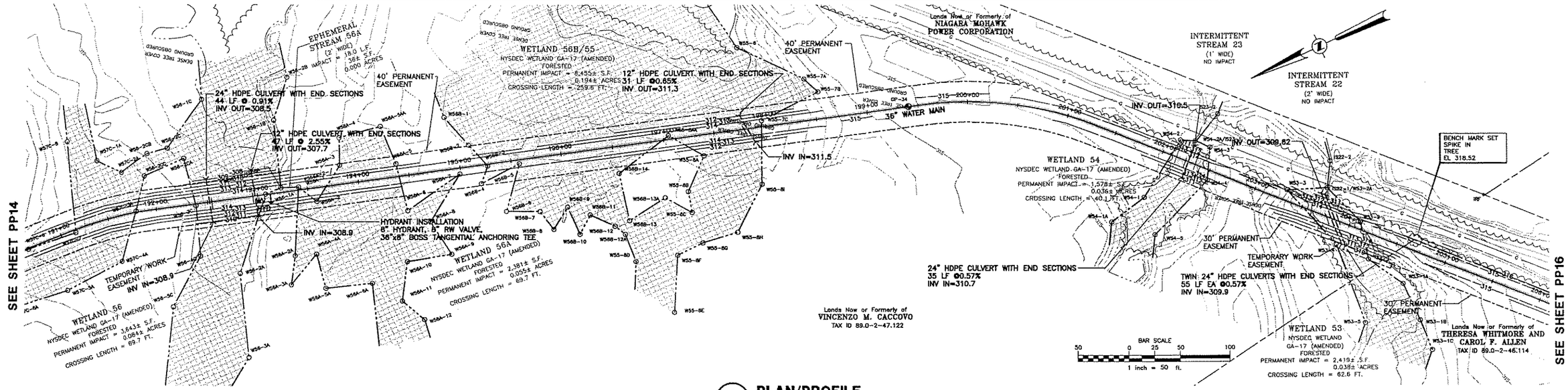
CONTRACT 3 - WATER TRANSMISSION MAIN

SARATOGA COUNTY, NY

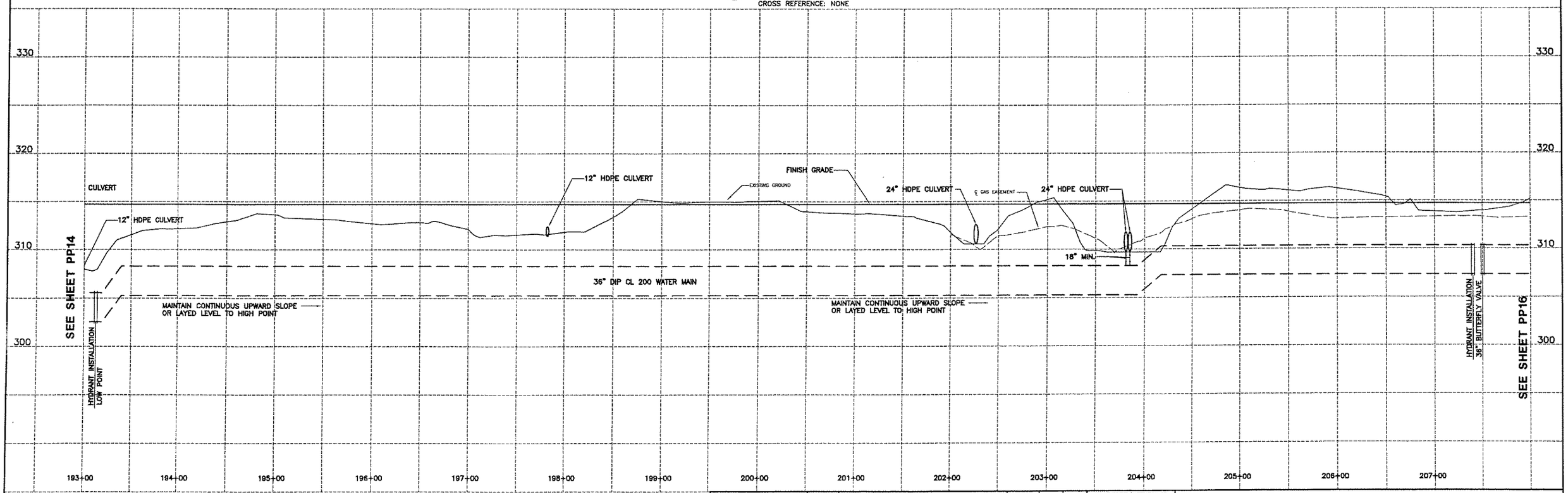
C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
518.786.7400 • FAX 518.786.7299
ARCHITECTURE & BUILDING SYSTEMS ENGINEERING • CIVIL ENGINEERING
ENVIRONMENTAL SERVICES • SURVEY & LAND INFORMATION SERVICES

MALCOLM PIRNIE

PP14
SHEET 16 OF
DWG. NO: 05-203



1 / PP15 **PLAN/PROFILE**
SCALE: HORZ. 1" = 50'
VERT. 1" = 5'
CROSS REFERENCE: NONE



EDWIN L. VOPELAK, JR
PE 59238

DATE		REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

© 2005
C.T. MALE ASSOCIATES, P.C.

DESIGNED : WAW
DRAFTED : WAW
CHECKED : ELV
PROJ. NO: 04.9597
SCALE : AS SHOWN
DATE : 2005

PLAN/PROFILE

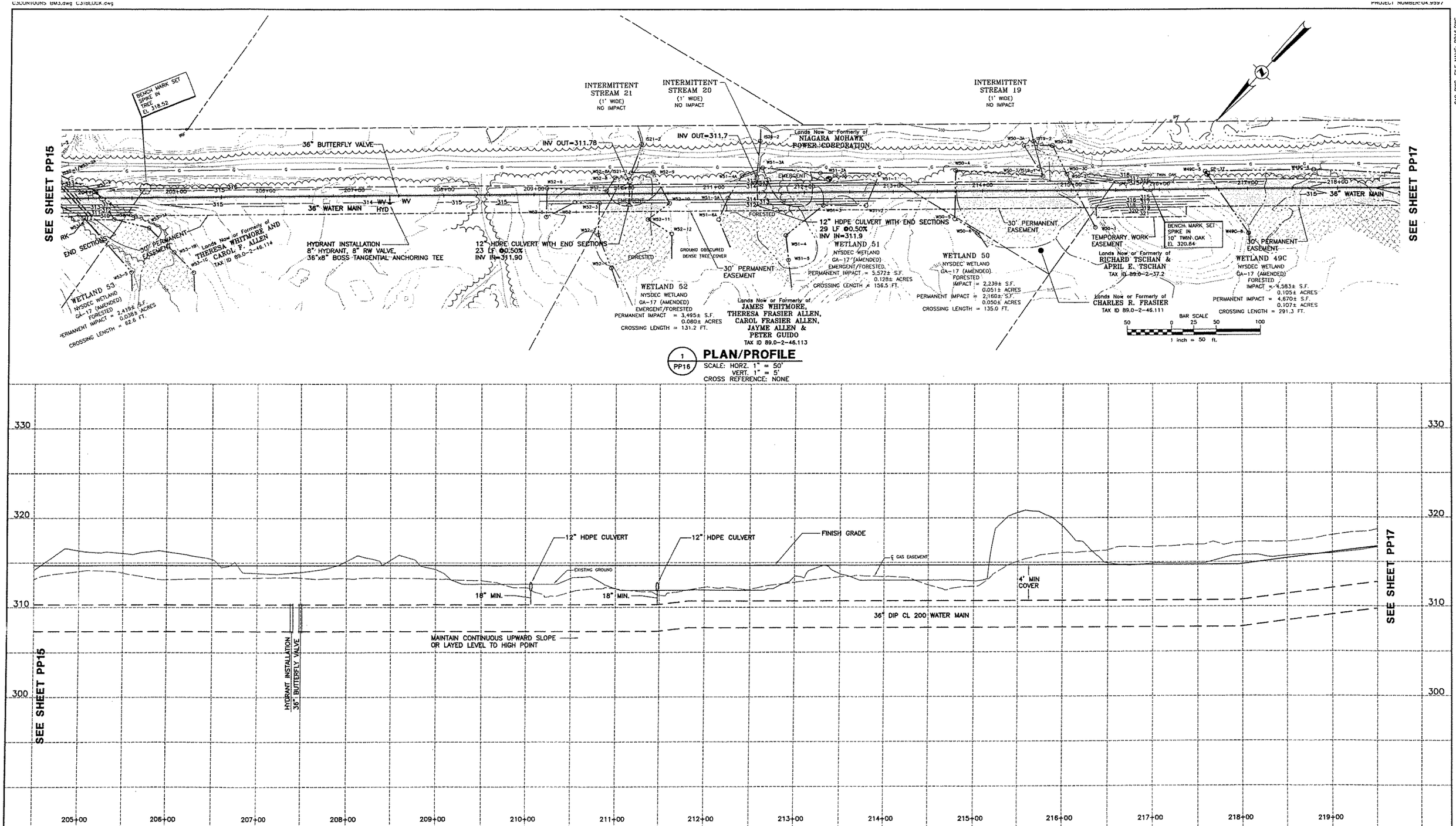
CONTRACT 3 - WATER TRANSMISSION MAIN

SARATOGA COUNTY, NY

C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
518.786.7400 * FAX 518.786.7299
ARCHITECTURE & BUILDING SYSTEMS ENGINEERING * CIVIL ENGINEERING
ENVIRONMENTAL SERVICES * SURVEY & LAND INFORMATION SERVICES
MALCOLM PIRNIE

PP15
SHEET 17 OF
DWG. NO: 05-203

CAD DWG. FILE NAME: PP15.DWG



1 PP16 **PLAN/PROFILE**

SCALE: HORZ. 1" = 50'
VERT. 1" = 5'
CROSS REFERENCE: NONE

EDWIN L. VOPELAK, JR
PE 59238

DATE		REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

© 2005 C.T. MALE ASSOCIATES, P.C.

DESIGNED : WAW
DRAFTED : WAW
CHECKED : ELV
PROJ. NO: 04.9597
SCALE : AS SHOWN
DATE : 2005

PLAN/PROFILE

CONTRACT 3 - WATER TRANSMISSION MAIN

SARATOGA COUNTY, NY

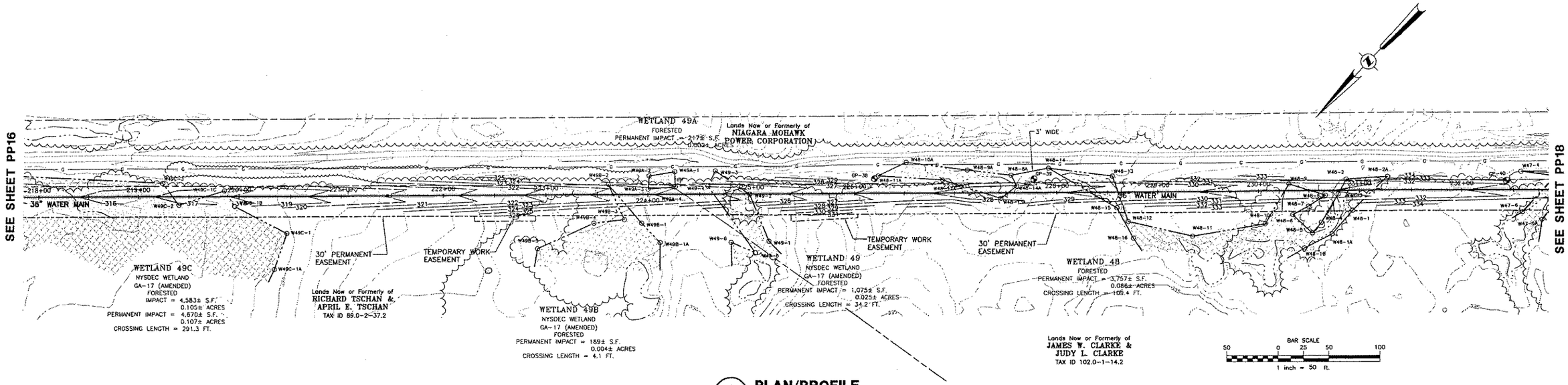
C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
518.786.7400 • FAX 518.786.7299
ARCHITECTURE & BUILDING SYSTEMS ENGINEERING • CIVIL ENGINEERING
ENVIRONMENTAL SERVICES • SURVEY & LAND INFORMATION SERVICES

MALCOLM PIRNIE

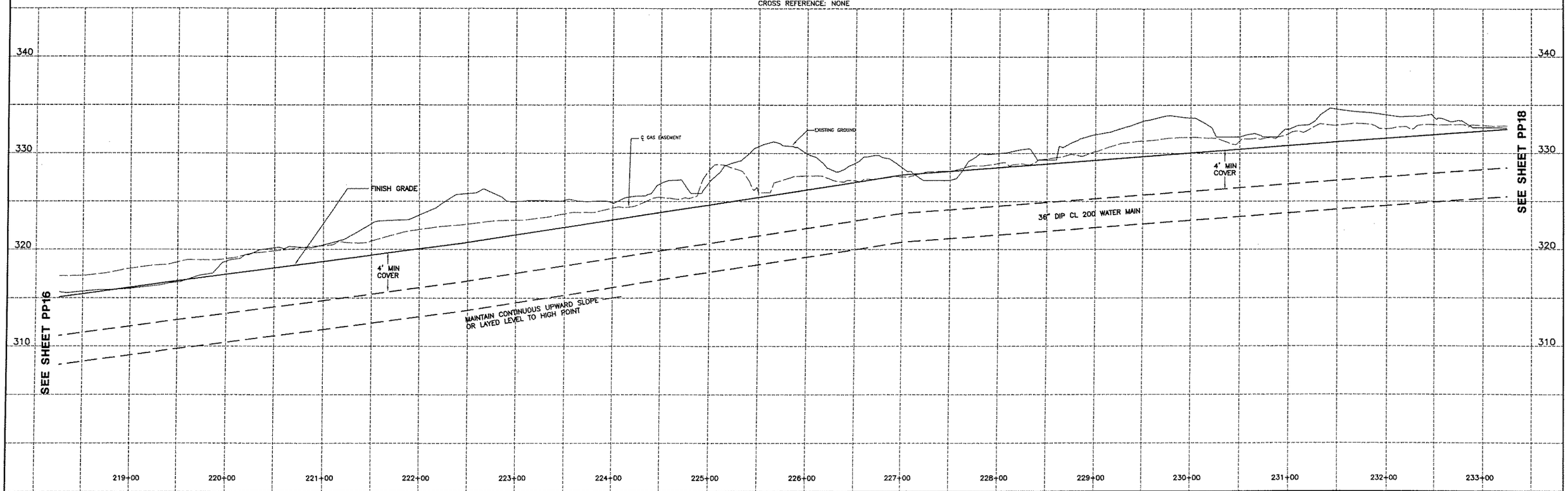
PP16
SHEET 18 OF
DWG. NO: 05-203

CAD DWG. FILE NAME: PP16.DWG
CAD DWG. FILE NAME: PP16.DWG

C3CONTOURS BM3.dwg C3TBLOCK.dwg
PROJECT NUMBER:04.9597



1 PP17 **PLAN/PROFILE**
SCALE: HORZ. 1" = 50'
VERT. 1" = 5'
CROSS REFERENCE: NONE



EDWIN L. VOPELAK, JR
PE 59238

DATE	REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.
	1			
	2			
	3			
	4			
	5			
	6			
	7			
	8			
	9			

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.
© 2005
C.T. MALE ASSOCIATES, P.C.

DESIGNED: WAW
DRAFTED : WAW
CHECKED : ELV
PROJ. NO: 04.9597
SCALE : AS SHOWN
DATE : 2005

PLAN/PROFILE

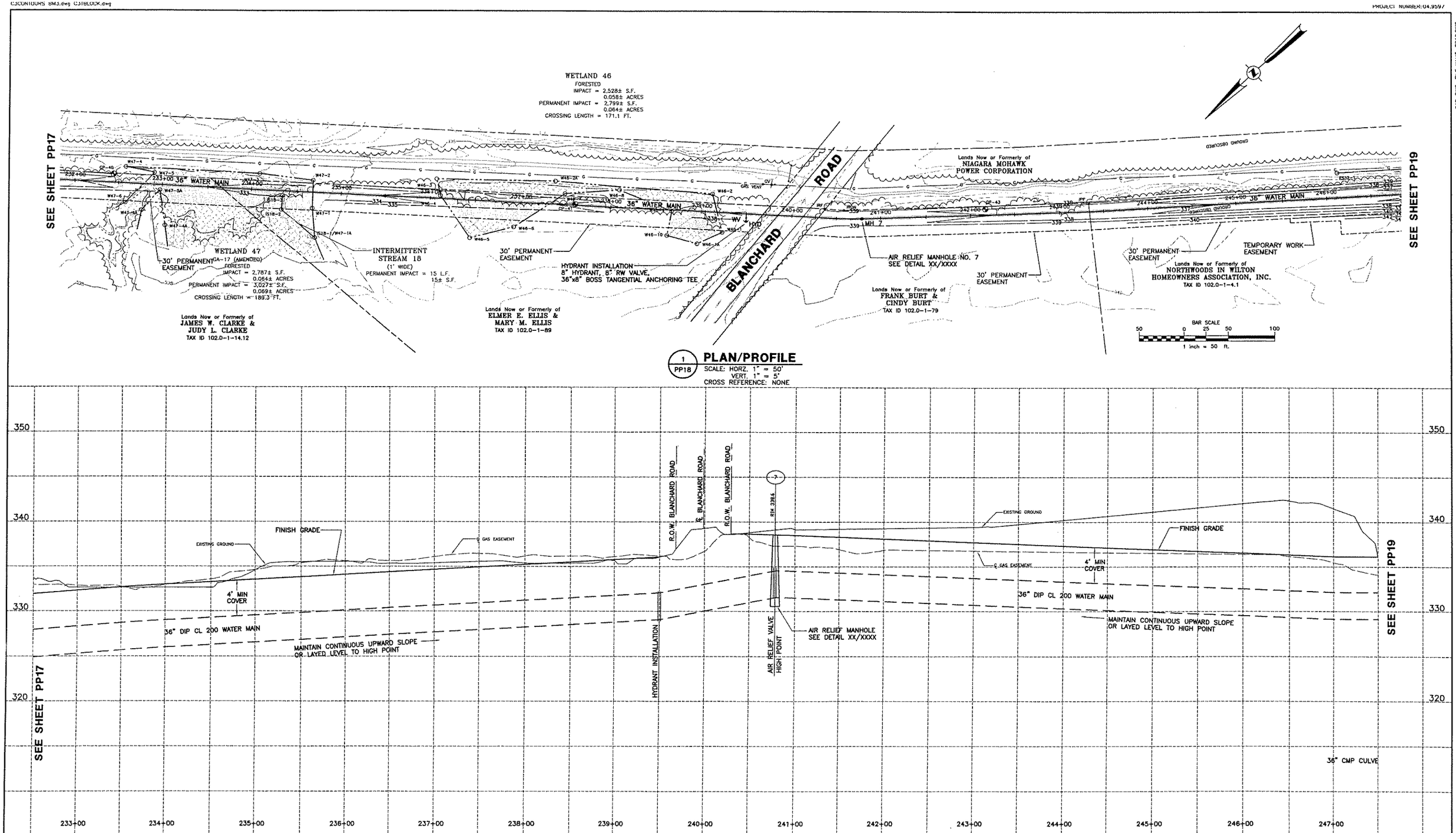
CONTRACT 3 - WATER TRANSMISSION MAIN

SARATOGA COUNTY, NY

C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
518.786.7400 * FAX 518.786.7299
ARCHITECTURE & BUILDING SYSTEMS ENGINEERING * CIVIL ENGINEERING
ENVIRONMENTAL SERVICES * SURVEY & LAND INFORMATION SERVICES
MALCOLM PIRNIE

PP17
SHEET 19 OF
DWG. NO: 05-203

CAD DWG. FILE NAME: PP17.DWG



EDWIN L. VOPELAK, JR
PE 59238

DATE		REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

© 2005
C.T. MALE ASSOCIATES, P.C.

DESIGNED: WAW
DRAFTED : WAW
CHECKED : ELV
PROJ. NO: 04.9597
SCALE : AS SHOWN
DATE : 2005

PLAN/PROFILE

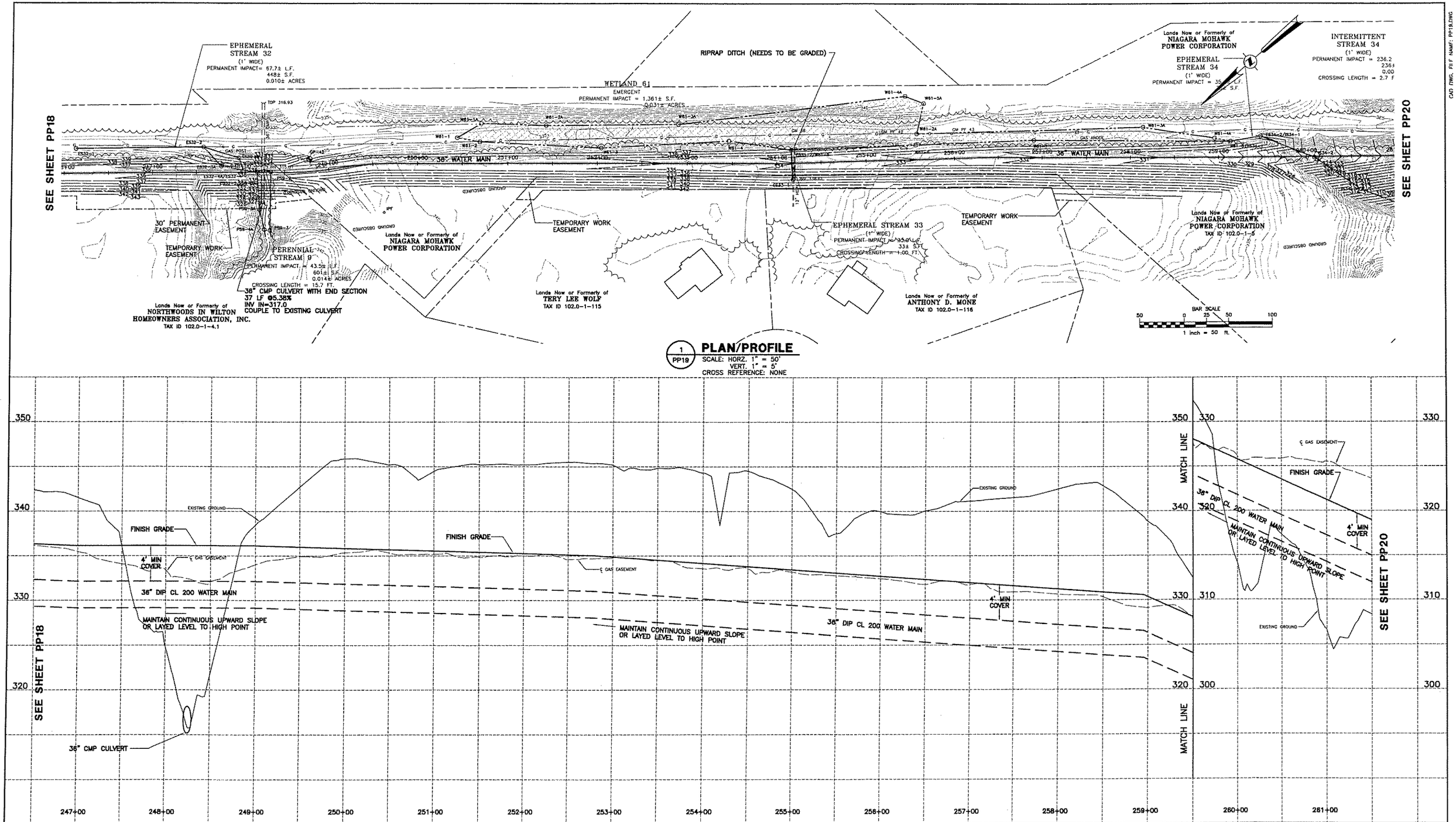
CONTRACT 3 - WATER TRANSMISSION MAIN

SARATOGA COUNTY, NY

C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
518.786.7400 * FAX 518.786.7299
ARCHITECTURE & BUILDING SYSTEMS ENGINEERING * CIVIL ENGINEERING
ENVIRONMENTAL SERVICES * SURVEY & LAND INFORMATION SERVICES

MALCOLM PIRNIE

PP18
SHEET 20 OF
DWG. NO: 05-203



EDWIN L. VOPELAK, JR
PE 59238

DATE		REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

© 2005
C.T. MALE ASSOCIATES, P.C.

DESIGNED : WAW
DRAFTED : WAW
CHECKED : ELV
PROJ. NO: 04.9597
SCALE : AS SHOWN
DATE : 2005

PLAN/PROFILE

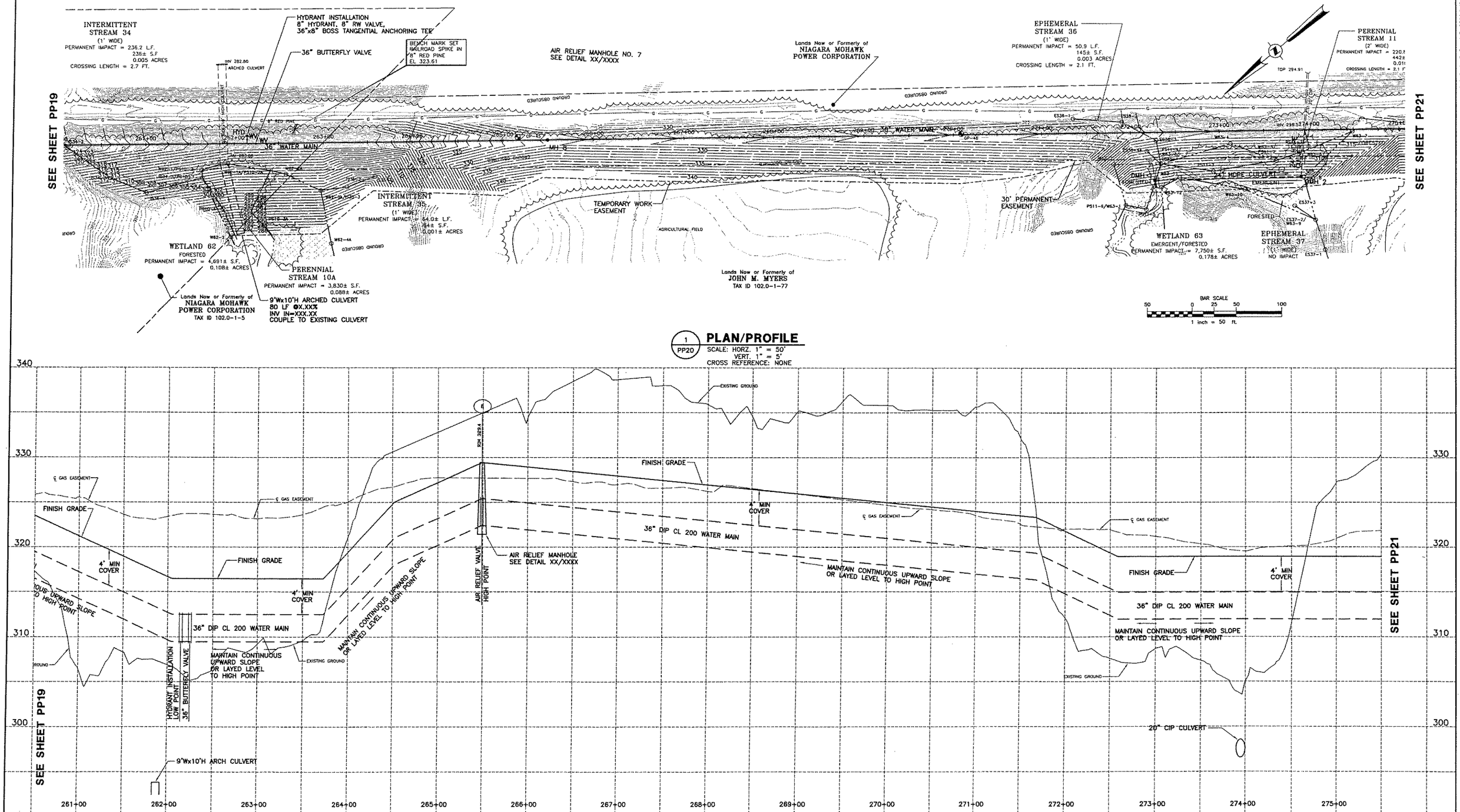
CONTRACT 3 - WATER TRANSMISSION MAIN

SARATOGA COUNTY, NY

C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
518.786.7400 • FAX 518.786.7299
ARCHITECTURE & BUILDING SYSTEMS ENGINEERING • CIVIL ENGINEERING
ENVIRONMENTAL SERVICES • SURVEY & LAND INFORMATION SERVICES

MALCOLM PIRNIE

PP19
SHEET 21 OF
DWG. NO: 05-203



EDWIN L. VOPELAK, JR
PE 59238

DATE		REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

© 2005
C.T. MALE ASSOCIATES, P.C.

DESIGNED: WAW
DRAFTED : WAW
CHECKED : ELV
PROJ. NO: 04.9597
SCALE : AS SHOWN
DATE : 2005

PLAN/PROFILE

CONTRACT 3 - WATER TRANSMISSION MAIN

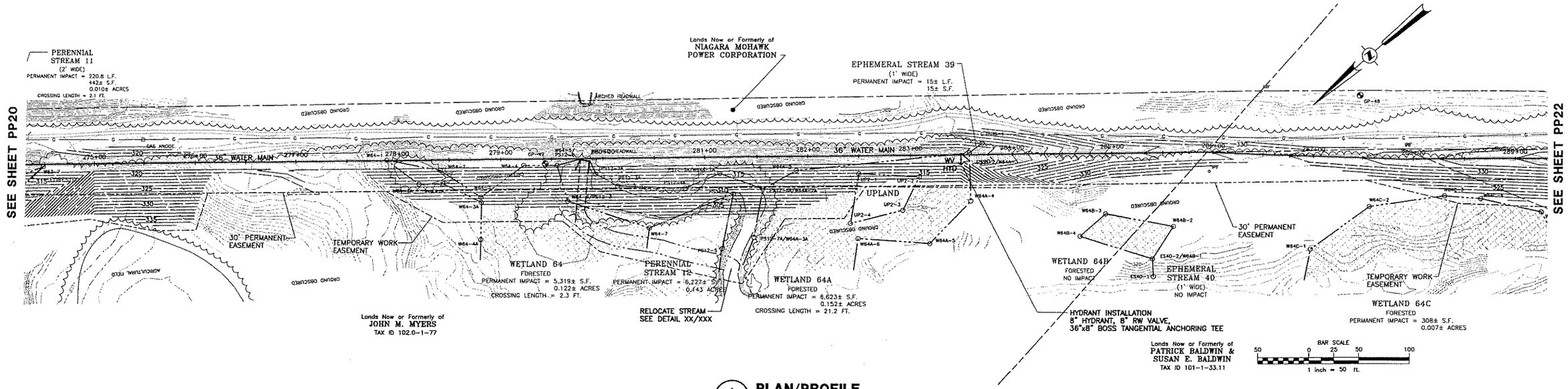
SARATOGA COUNTY, NY

C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
518.786.7400 * FAX 518.786.7299
ARCHITECTURE & BUILDING SYSTEMS ENGINEERING * CIVIL ENGINEERING
ENVIRONMENTAL SERVICES * SURVEY & LAND INFORMATION SERVICES

MALCOLM PIRNIE

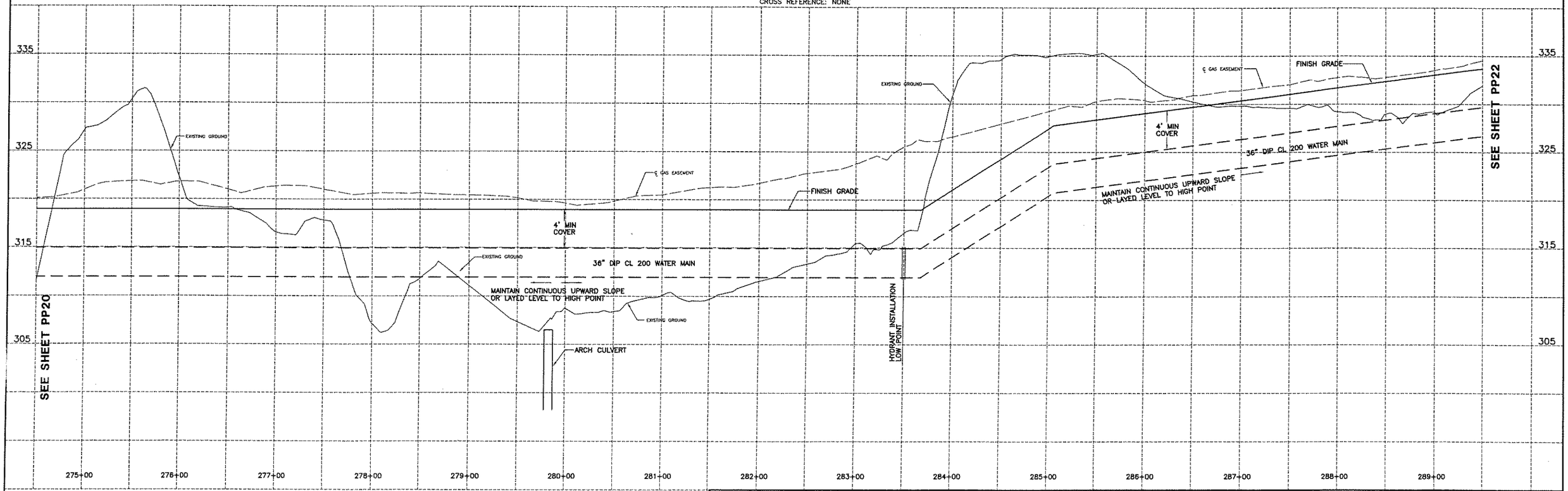
PP20
SHEET 22 OF
DWG. NO: 05-203

CAD DWG. FILE NAME: PP20.DWG
CAD DWG. FILE NAME: PP20.DWG



1 PP21 PLAN/PROFILE

SCALE: HORZ. 1" = 50'
VERT. 1" = 5'
CROSS REFERENCE: NONE



EDWIN L. VOPELAK, JR
PE 59238

DATE		REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

© 2005
C.T. MALE ASSOCIATES, P.C.

DESIGNED : WAW
DRAFTED : WAW
CHECKED : ELV
PROJ. NO: 04.9597
SCALE : AS SHOWN
DATE : 2005

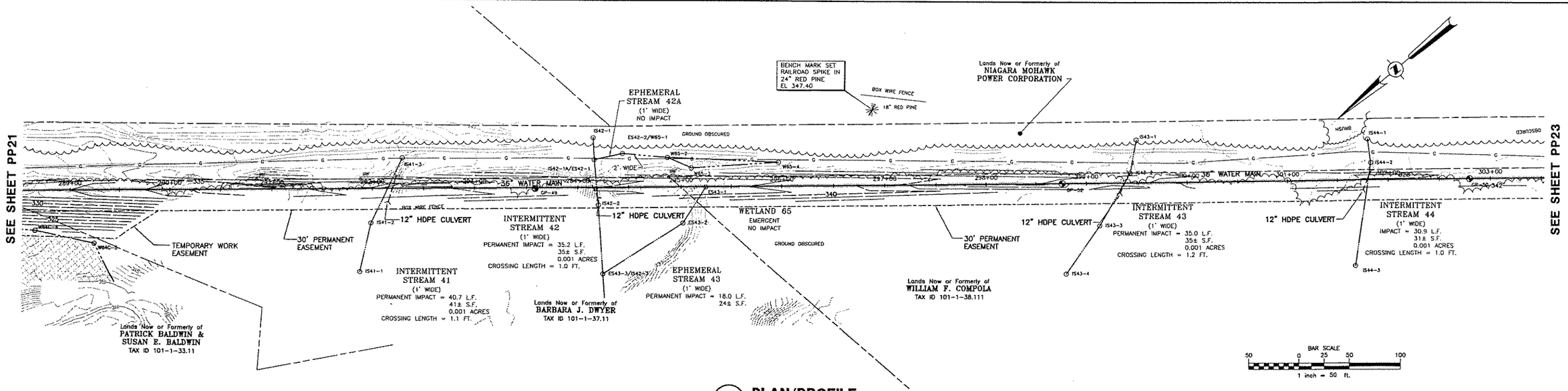
PLAN/PROFILE

CONTRACT 3 - WATER TRANSMISSION MAIN

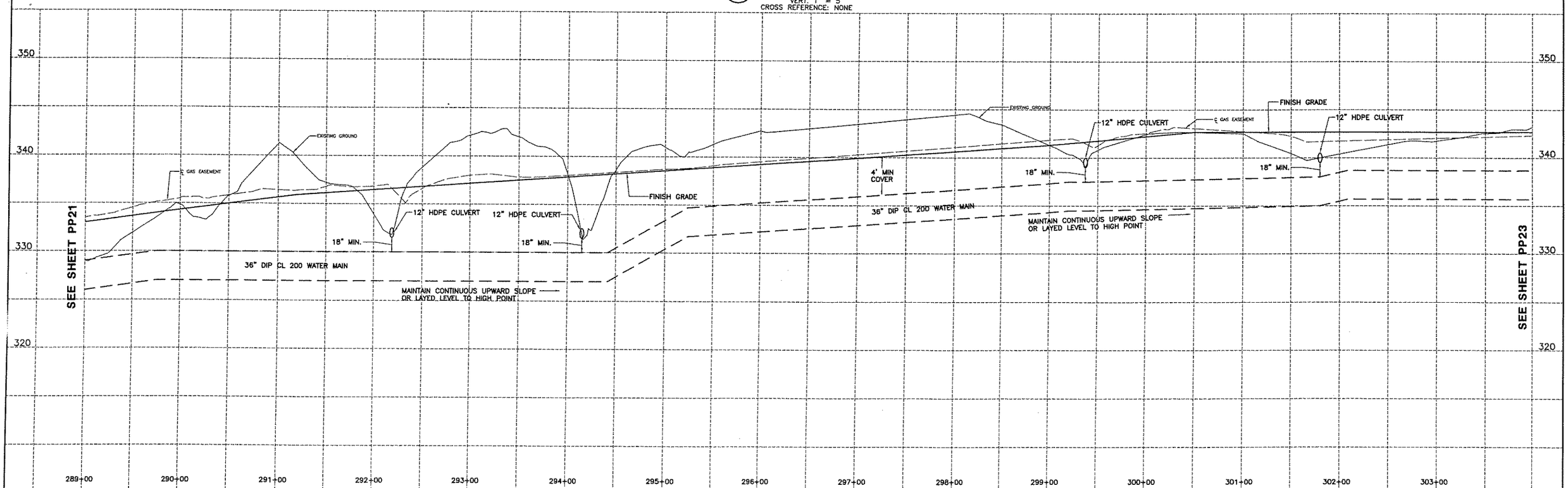
SARATOGA COUNTY, NY

C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
518.786.7400 • FAX 518.786.7299
ARCHITECTURE & BUILDING SYSTEMS ENGINEERING • CIVIL ENGINEERING
ENVIRONMENTAL SERVICES • SURVEY & LAND INFORMATION SERVICES
MALCOLM PIRNIE

PP21
SHEET 23 OF
DWG. NO: 05-203



1 PP22 **PLAN/PROFILE**
SCALE: HORZ. 1" = 50'
VERT. 1" = 5'
CROSS REFERENCE: NONE



EDWIN L. VOPELAK, JR PE 59238	DATE	REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

© 2005
C.T. MALE ASSOCIATES, P.C.

DESIGNED : WAW
DRAFTED : WAW
CHECKED : ELV
PROJ. NO: 04.9597
SCALE : AS SHOWN
DATE : 2005

PLAN/PROFILE

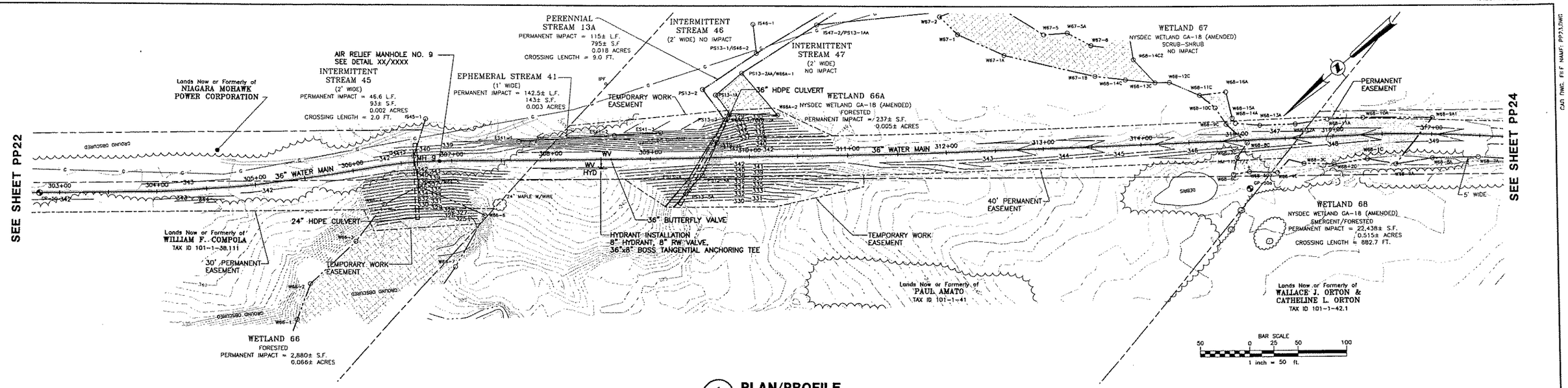
CONTRACT 3 - WATER TRANSMISSION MAIN

SARATOGA COUNTY, NY

C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
518.786.7400 • FAX 518.786.7299
ARCHITECTURE & BUILDING SYSTEMS ENGINEERING • CIVIL ENGINEERING
ENVIRONMENTAL SERVICES • SURVEY & LAND INFORMATION SERVICES

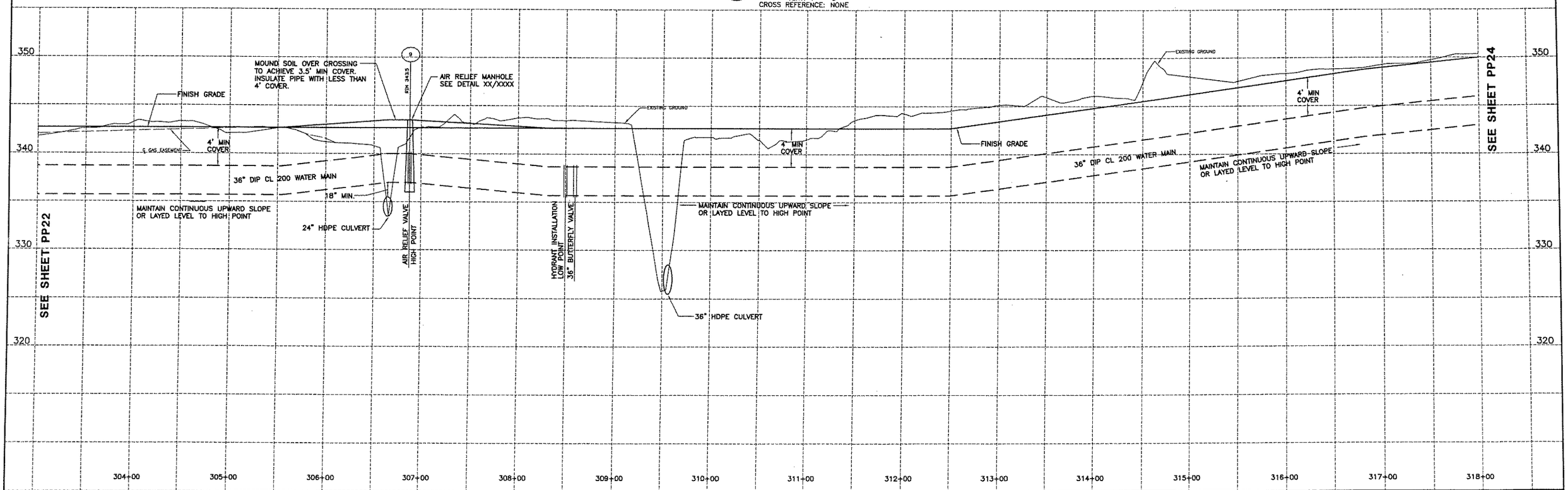
MALCOLM PIRNIE

PP22
SHEET 24 OF
DWG. NO: 05-203



1 PP23 **PLAN/PROFILE**

SCALE: HORZ. 1" = 50'
VERT. 1" = 5'
CROSS REFERENCE: NONE



EDWIN L. VOPELAK, JR
PE 59238

DATE		REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

© 2005
C.T. MALE ASSOCIATES, P.C.

DESIGNED : WAW
DRAFTED : WAW
CHECKED : ELV
PROJ. NO: 04.9597
SCALE : AS SHOWN
DATE : 2005

PLAN/PROFILE

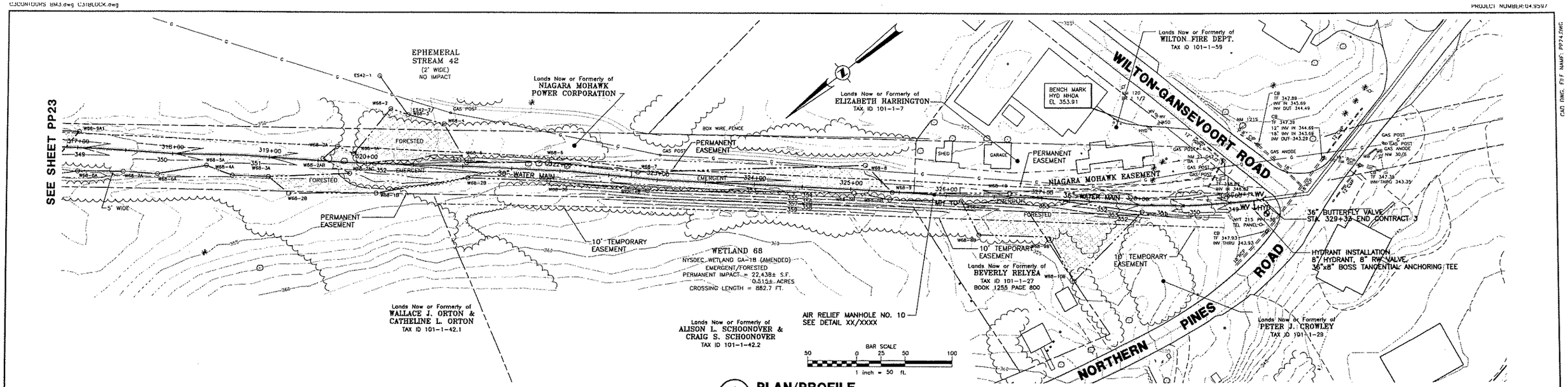
CONTRACT 3 - WATER TRANSMISSION MAIN

SARATOGA COUNTY, NY

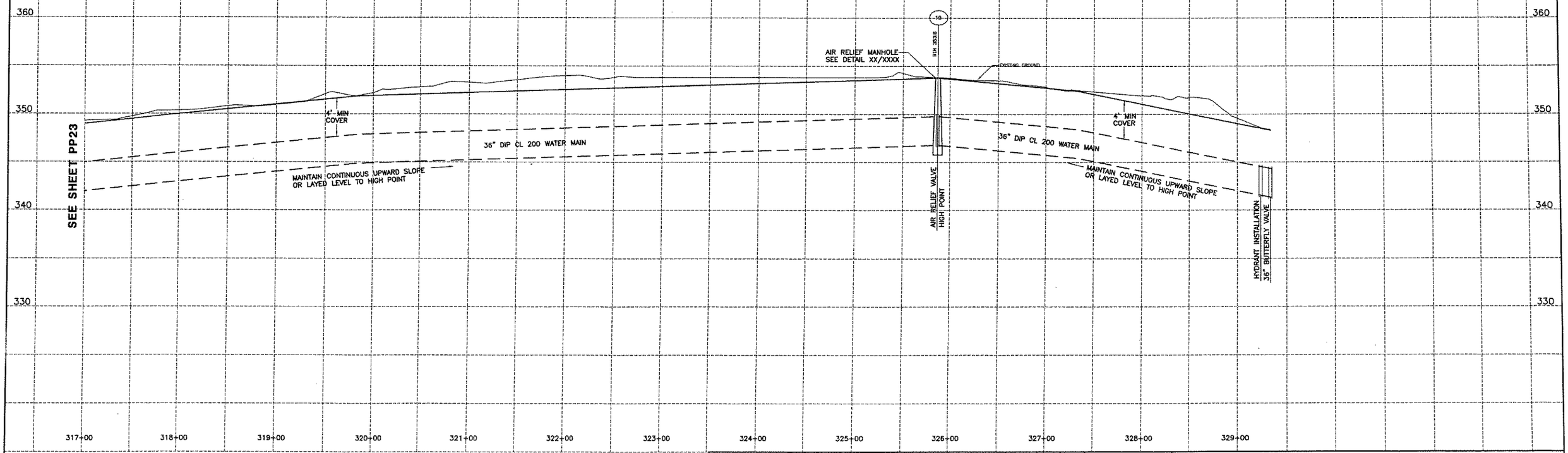
C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
518.786.7400 * FAX 518.786.7299
ARCHITECTURE & BUILDING SYSTEMS ENGINEERING * CIVIL ENGINEERING
ENVIRONMENTAL SERVICES * SURVEY & LAND INFORMATION SERVICES

MALCOLM PIRNIE

PP23
SHEET 25 OF
DWG. NO: 05-203



1 PP24 **PLAN/PROFILE**
SCALE: HORZ. 1" = 50'
VERT. 1" = 5'
CROSS REFERENCE: NONE



EDWIN L. VOPELAK, JR
PE 59238

DATE		REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

© 2005
C.T. MALE ASSOCIATES, P.C.

DESIGNED: WAW
DRAFTED : WAW
CHECKED : ELV
PROJ. NO: 04.9597
SCALE : AS SHOWN
DATE : 2005

PLAN/PROFILE

CONTRACT 3 - WATER TRANSMISSION MAIN

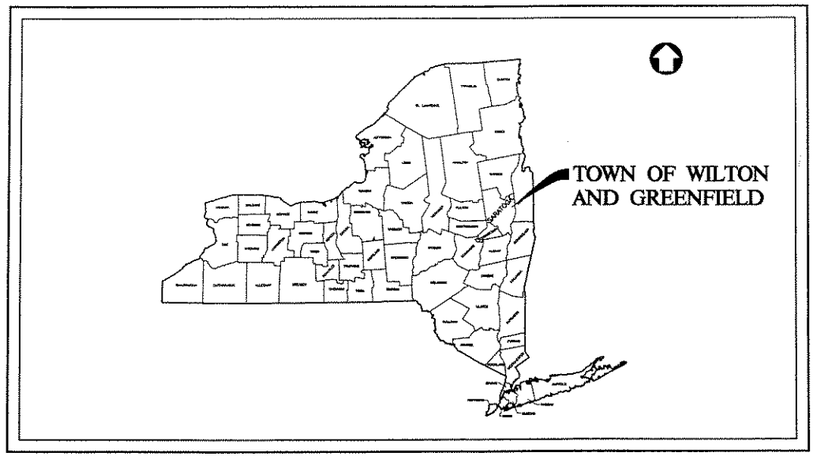
SARATOGA COUNTY, NY

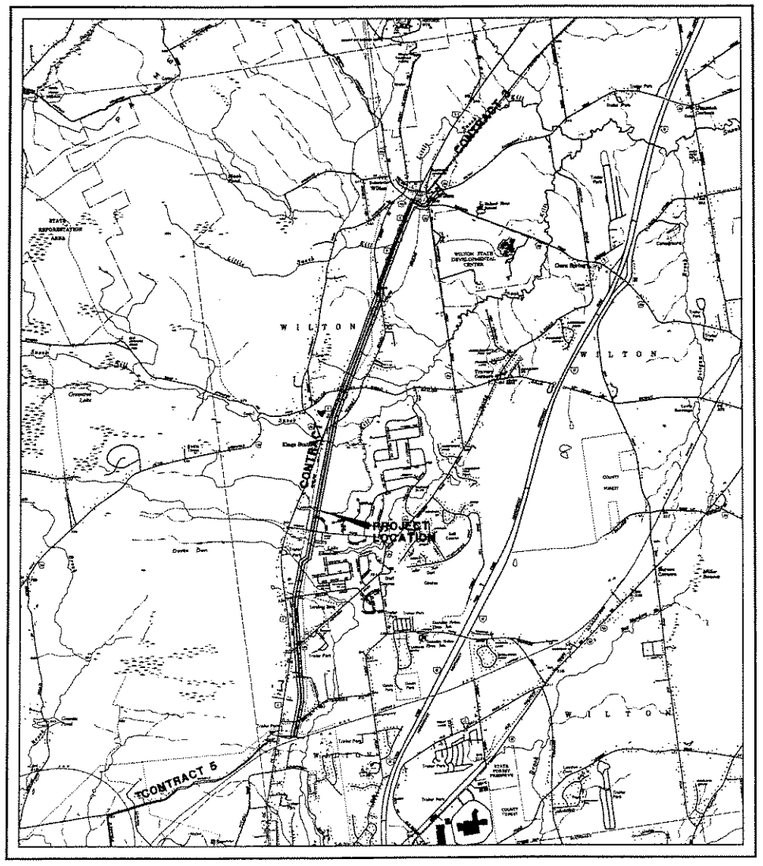
C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
518.786.7400 * FAX 518.786.7299
ARCHITECTURE & BUILDING SYSTEMS ENGINEERING * CIVIL ENGINEERING
ENVIRONMENTAL SERVICES * SURVEY & LAND INFORMATION SERVICES

MALCOLM PIRNIE

PP24
SHEET 26 OF
DWG. NO: 05-203

CONTRACT 4
SARATOGA COUNTY
WATER TREATMENT AND
TRANSMISSION FACILITIES PROJECT





SITE LOCATION MAP
NO SCALE

PROGRESS PRINT

HALF SCALE

C.T. MALE ASSOCIATES, P.C.
OCT 25 2005
PRINTED AND ISSUED

DRAWING INDEX

DRAWING NO.	SHEET NO.	DESCRIPTION
T1	1	TITLE SHEET
T2	2	DRAWING INDEX SHEET AND GENERAL NOTES
PP1	3	PLAN/PROFILE
DTL1	4	MISCELLANEOUS DETAILS
ECD1	5	EROSION CONTROL DETAILS
ECD2	6	EROSION CONTROL DETAILS
MT1	7	MAINTENCE OF TRAFFIC SIGN DETAILS

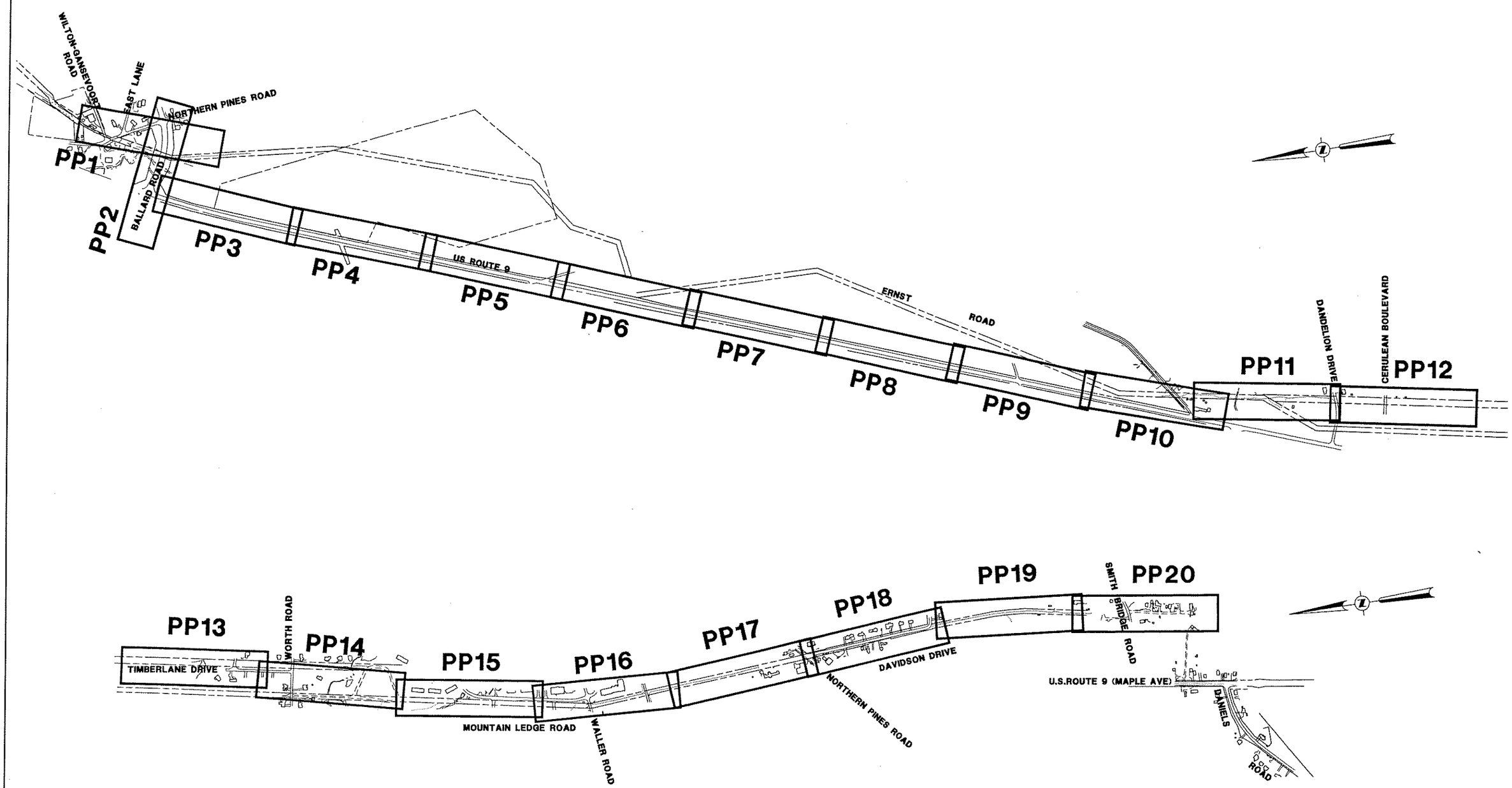
© 2005
C.T. MALE ASSOCIATES P.C.
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

PLOT SCALE FACTOR: 1=1
CAD DWG. FILE NAME: T1.DWG

T1

C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
(518) 786-7400 • FAX (518) 786-7299
ENGINEERING • LAND SURVEYING • BUILDING SYSTEMS
LAND PLANNING • ENVIRONMENTAL SERVICES • GPS/GIS SERVICES

DATE: 2005 PROJ. NO: 04.9597 SHEET 1 OF DWG. NO: 05-204



EDWIN L. VOPELAK, JR PE 59238	DATE	REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.	UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.
		1				
		2				
		3				© 2005 C.T. MALE ASSOCIATES, P.C.
		4				DESIGNED : WAW
		5				DRAFTED : WAW
		6				CHECKED : ELV
		7				PROJ. NO: 04.9597
		8				SCALE : 1" =500'
		9				DATE : 2005

INDEX DRAWING

CONTRACT 4 - WATER TRANSMISSION MAIN

SARATOGA COUNTY, NY

C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
518.786.7400 * FAX 518.786.7299
ARCHITECTURE & BUILDING SYSTEMS ENGINEERING * CIVIL ENGINEERING
ENVIRONMENTAL SERVICES * SURVEY & LAND INFORMATION SERVICES

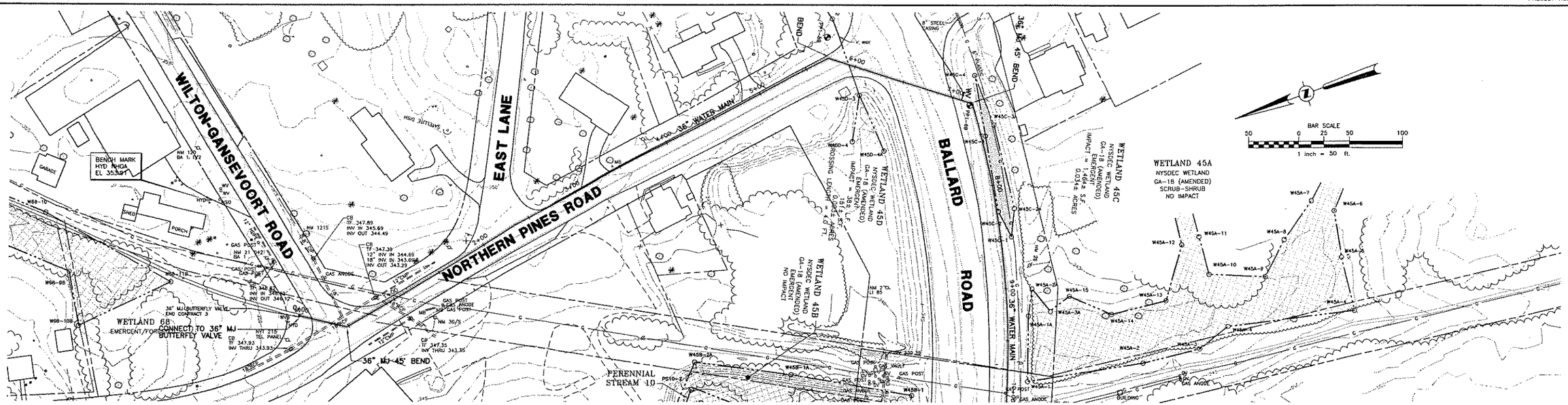
MALCOLM PIRNIE

T2

SHEET 2 OF 22

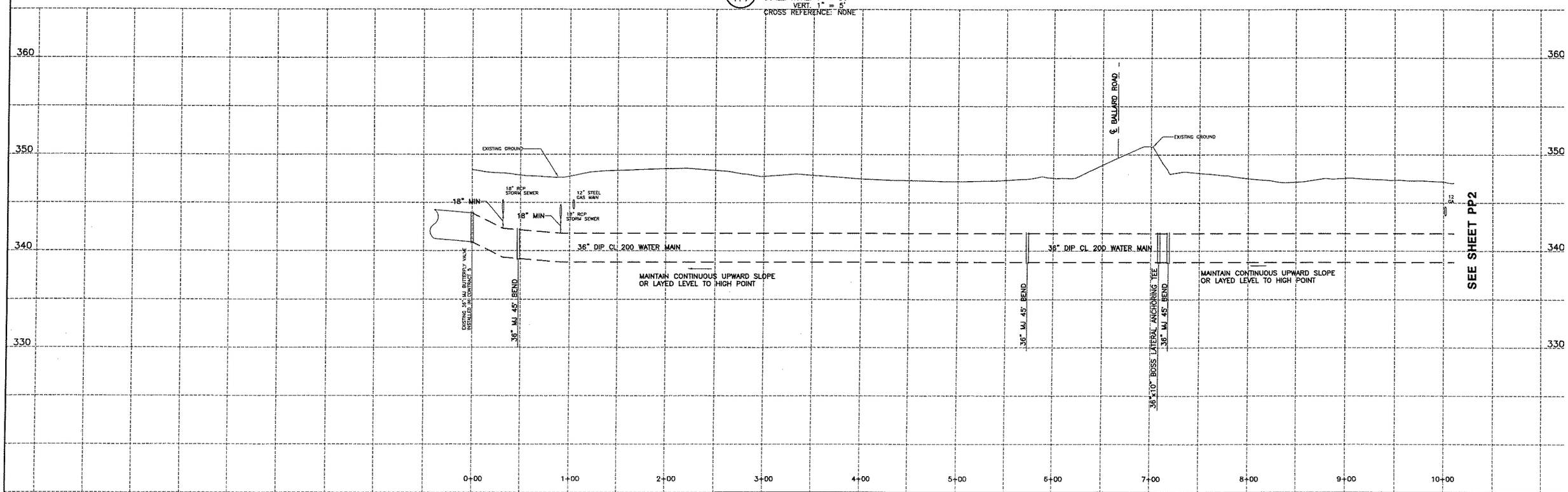
DWG. NO: 05-204

C:\CONTOURS BM4.dwg C41BLOCK.dwg
PROJECT NUMBER:04.959



1 PP1 **PLAN/PROFILE**
SCALE: HORZ. 1" = 50'
VERT. 1" = 5'
CROSS REFERENCE: NONE

SEE SHEET PP2



SEE SHEET PP2

EDWIN L. VOPELAK, JR
PE 59238

DATE	REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.
	1			
	2			
	3			
	4			
	5			
	6			
	7			
	8			
	9			

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.
© 2005
C.T. MALE ASSOCIATES, P.C.

DESIGNED : WAW
DRAFTED : WAW
CHECKED : ELV
PROJ. NO: 04.9597
SCALE : AS SHOWN
DATE : 2005

PLAN/PROFILE

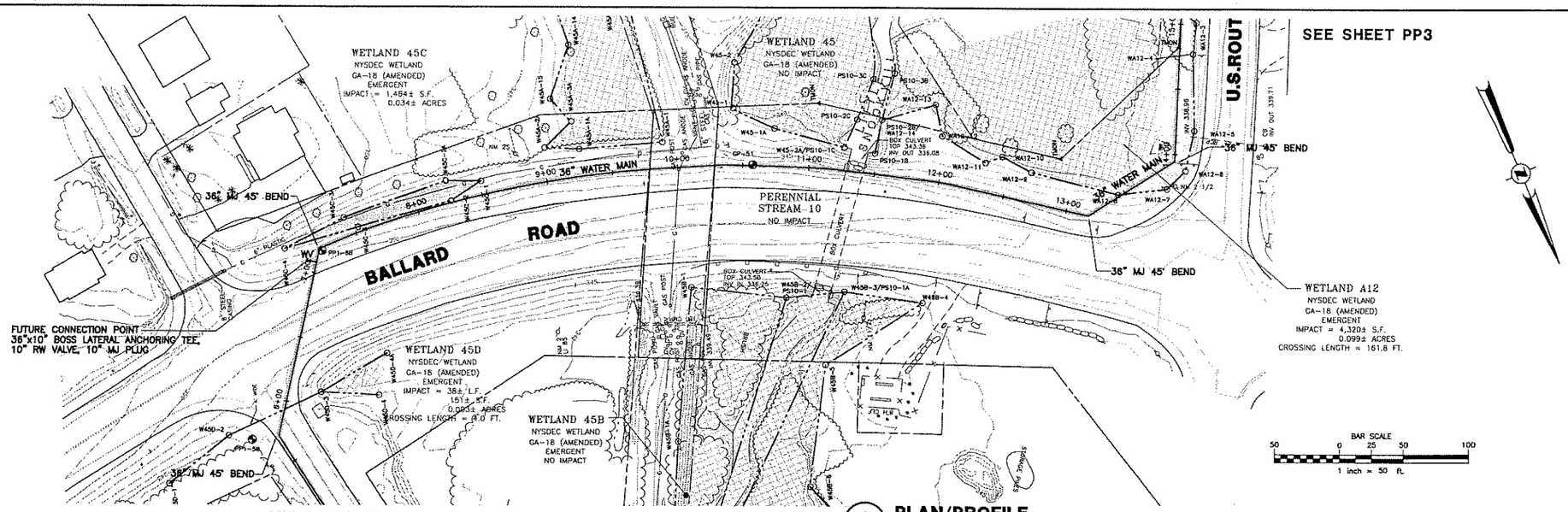
CONTRACT 4 - WATER TRANSMISSION MAIN

SARATOGA COUNTY, NY

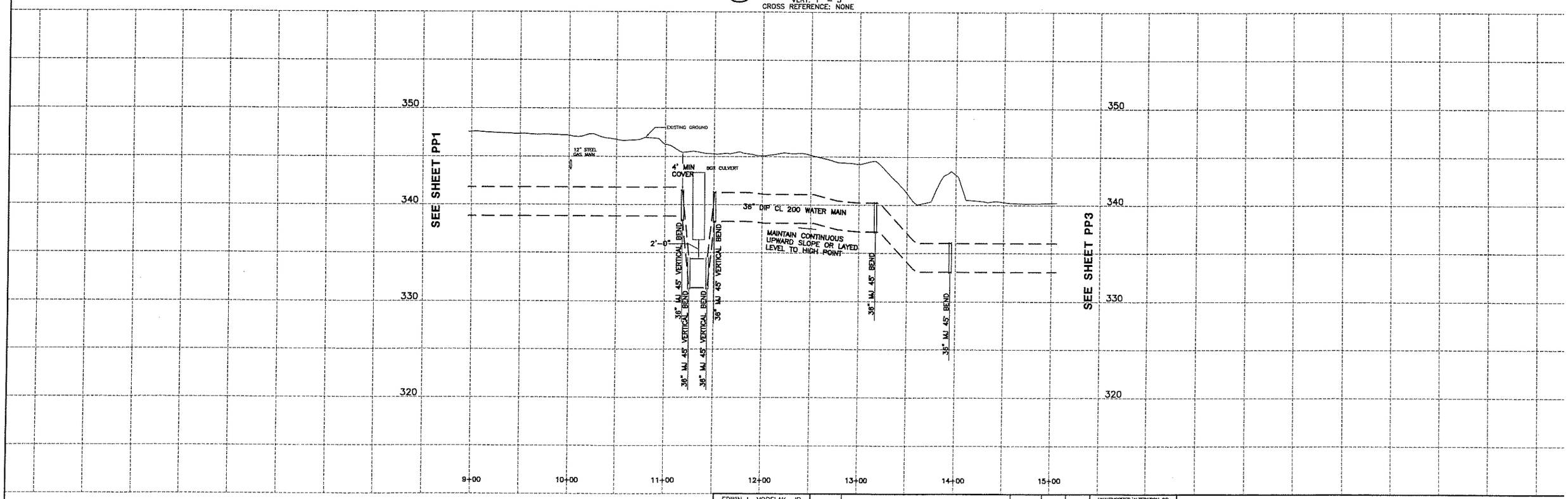
C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
518.786.7400 * FAX 518.786.7299
ARCHITECTURE & BUILDING SYSTEMS ENGINEERING * CIVIL ENGINEERING
ENVIRONMENTAL SERVICES * SURVEY & LAND INFORMATION SERVICES
MALCOLM PIRNIE

PP1
SHEET 3 OF 22
DWG. NO: 05-204

CAD DWG. FILE NAME: PP1.DWG



1 PP2 **PLAN/PROFILE**
SCALE: HORZ. 1" = 50'
VERT. 1" = 5'
CROSS REFERENCE: NONE



EDWIN L. VOPELAK, JR
PE 59238

DATE	REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.
	1			
	2			
	3			
	4			
	5			
	6			
	7			
	8			
	9			

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

© 2005
C.T. MALE ASSOCIATES, P.C.

DESIGNED : WAW
DRAFTED : WAW
CHECKED : ELV
PROJ. NO: 04.9597
SCALE : AS SHOWN
DATE : 2005

PLAN/PROFILE

CONTRACT 4 - WATER TRANSMISSION MAIN

SARATOGA COUNTY, NY

C.T. MALE ASSOCIATES, P.C.
50 CENTURY HILL DRIVE, P.O. BOX 727, LATHAM, NY 12110
518.786.7400 * FAX 518.786.7299
ARCHITECTURE & BUILDING SYSTEMS ENGINEERING * CIVIL ENGINEERING
ENVIRONMENTAL SERVICES * SURVEY & LAND INFORMATION SERVICES

MALCOLM PIRNIE

PP2
SHEET 4 OF 22
DWG. NO: 05-204

CAD DWG. FILE NAME: PP2.DWG