

**CITY OF WATERBURY**  
**HORIZONTAL CONTROL NETWORK**  
(2ND ORDER CLASS 1, 1:50,000 POSITIONAL ACCURACY)

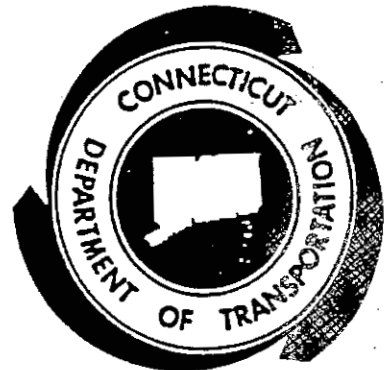


**PREPARED BY:**  
**THE BONGIOVANNI GROUP, INC.**  
**LAND SURVEYORS**



**IN A COOPERATIVE EFFORT WITH**

**THE STATE OF CONNECTICUT**  
**DEPARTMENT OF TRANSPORTATION**  
**CENTRAL SURVEYS DIVISION**



**DECEMBER, 1993**



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CP-808	- ROUTE 8 SOUTH		





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 668-0734

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-100

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 762,981,269 FEET  
 E. 942,497,645 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-17.62260"  
 LONG. 72°-57'-36.33157"  
 THETA ANGLE - 0°-08'-215"

**TYPE OF MARKER**  
 CITY ROD MON.

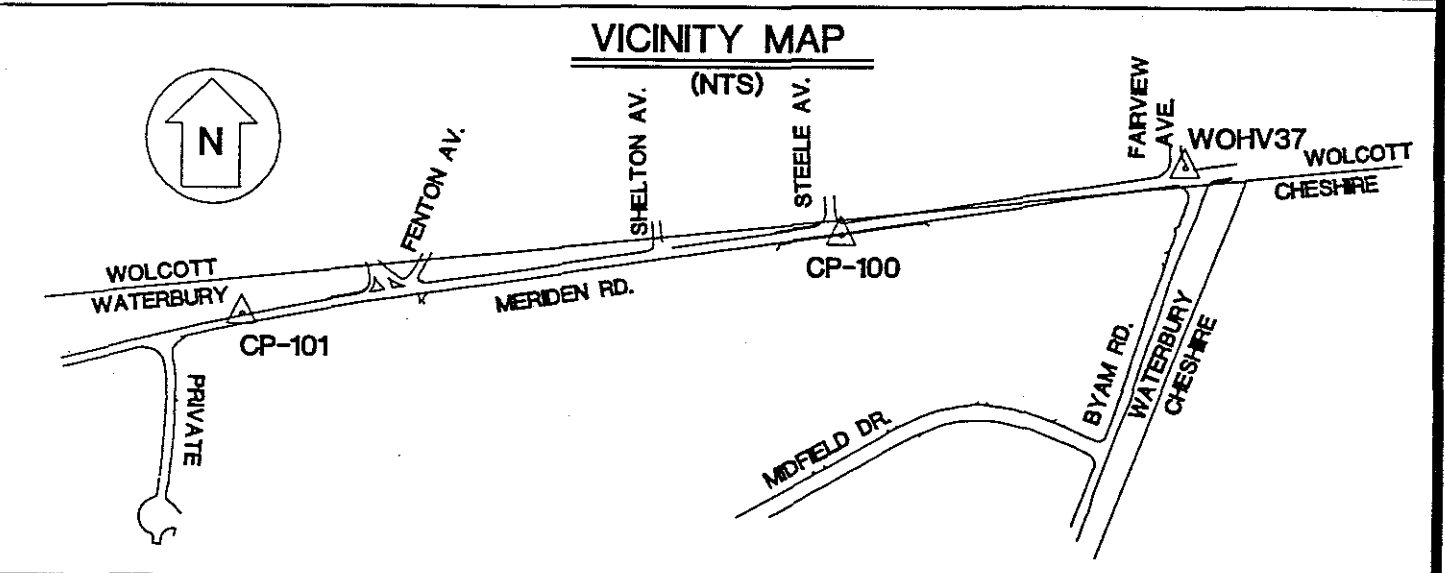
**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

CONDITION OF STATION	BY	DATE

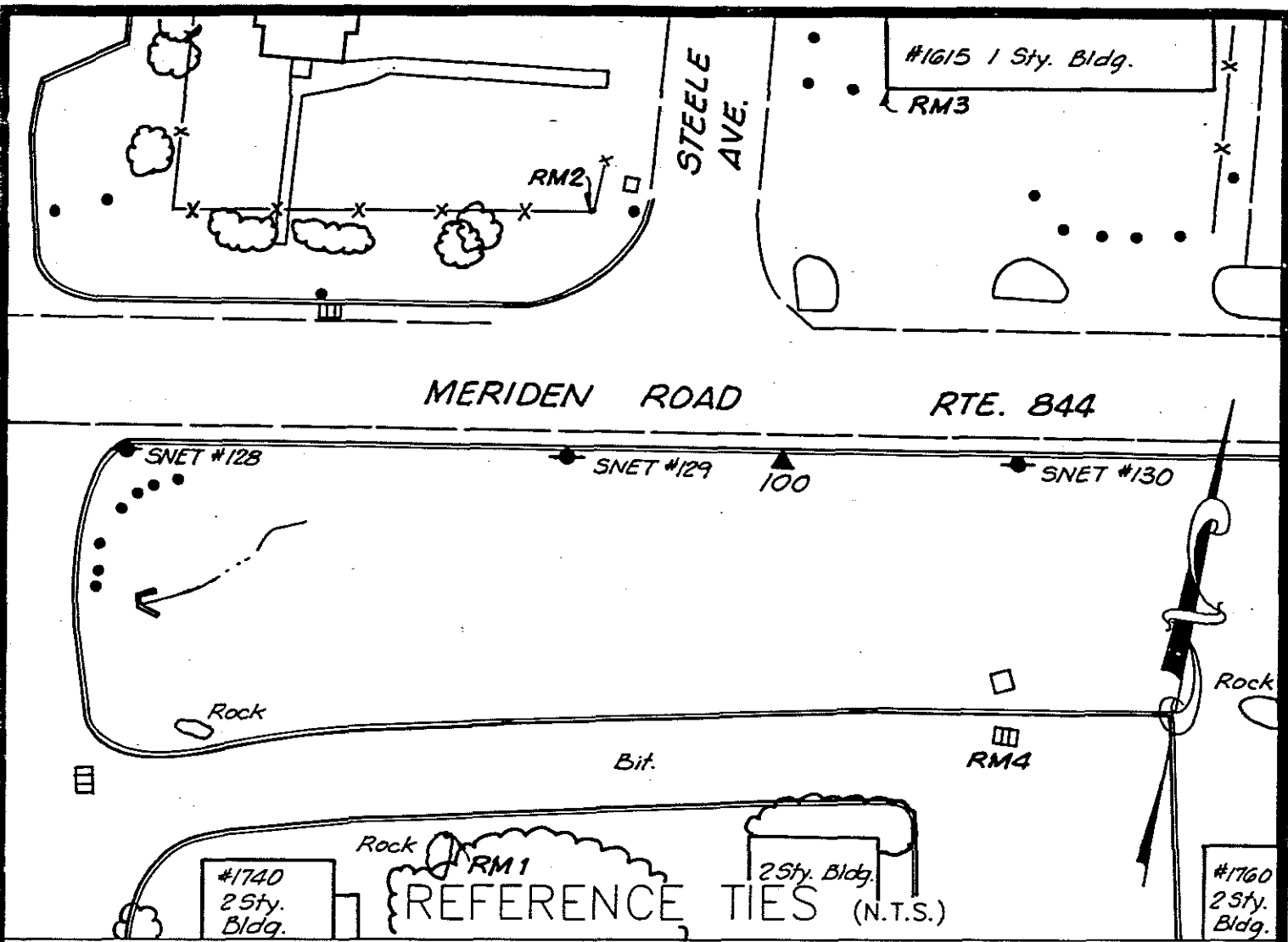
**ELEVATIONS**

\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
WOHV37	901.728	0°-00'-00"	78°-48'-54.2"
CP-101	1557.361	183°-31'-18.3"	262°-20'-12.5"
RM1	125.35	133°-55'-25.3"	
RM2	76.04	230°-40'-34"	
RM3	90.12	286°-15'-52"	
RM4	83.26	55°-35'-28"	



COMMENTS

STATION #100: SET ROD MONUMENT, 2' SOUTH OF BIT CURB, 51' EAST OF SNET CO. POLE #129

RM1: SOUTHWEST OF STATION - A 3/8" DRILL HOLE IN THE NORTHERN PART OF A 5' X 8' BOULDER, NORTHEAST OF 2-STORY APARTMENT BUILDING #1740

RM2: NORTHWEST OF STATION - A 3" DIAMETER STEEL CORNER POST FOR A 6' CHAIN LINK FENCE, MEASUREMENT TAKEN 2' ABOVE GROUND AND MARKED BY A "+"

RM3: NORTHEAST OF STATION - THE SOUTHWEST CORNER OF A 1-STORY CINDER BLOCK BUILDING #1615, MEASUREMENT TAKEN FROM 3RD CINDER BLOCK U. FROM GROUND

RM4: SOUTHEAST OF STATION - A 3/8" DRILL HOLE IN THE NORTHWEST CORNER OF CATCH BASIN



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-101

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 762,773.593 FEET  
 E. 940,954.173 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-15.53323"  
 LONG. 72°-57'-56.62605"  
 THETA ANGLE - 0°-08'-34.9"

**TYPE OF MARKER**  
 CITY ROD MON.

**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

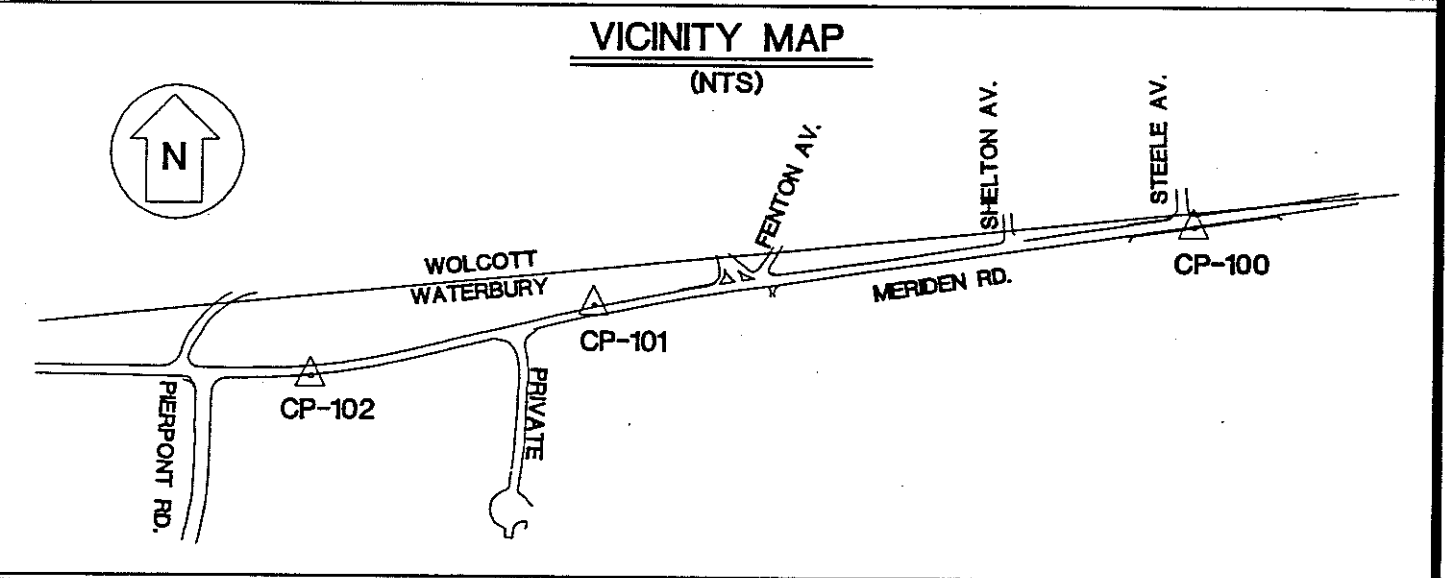
\_\_\_\_\_ FEET  
 (NAVD 88)

DATE \_\_\_\_\_

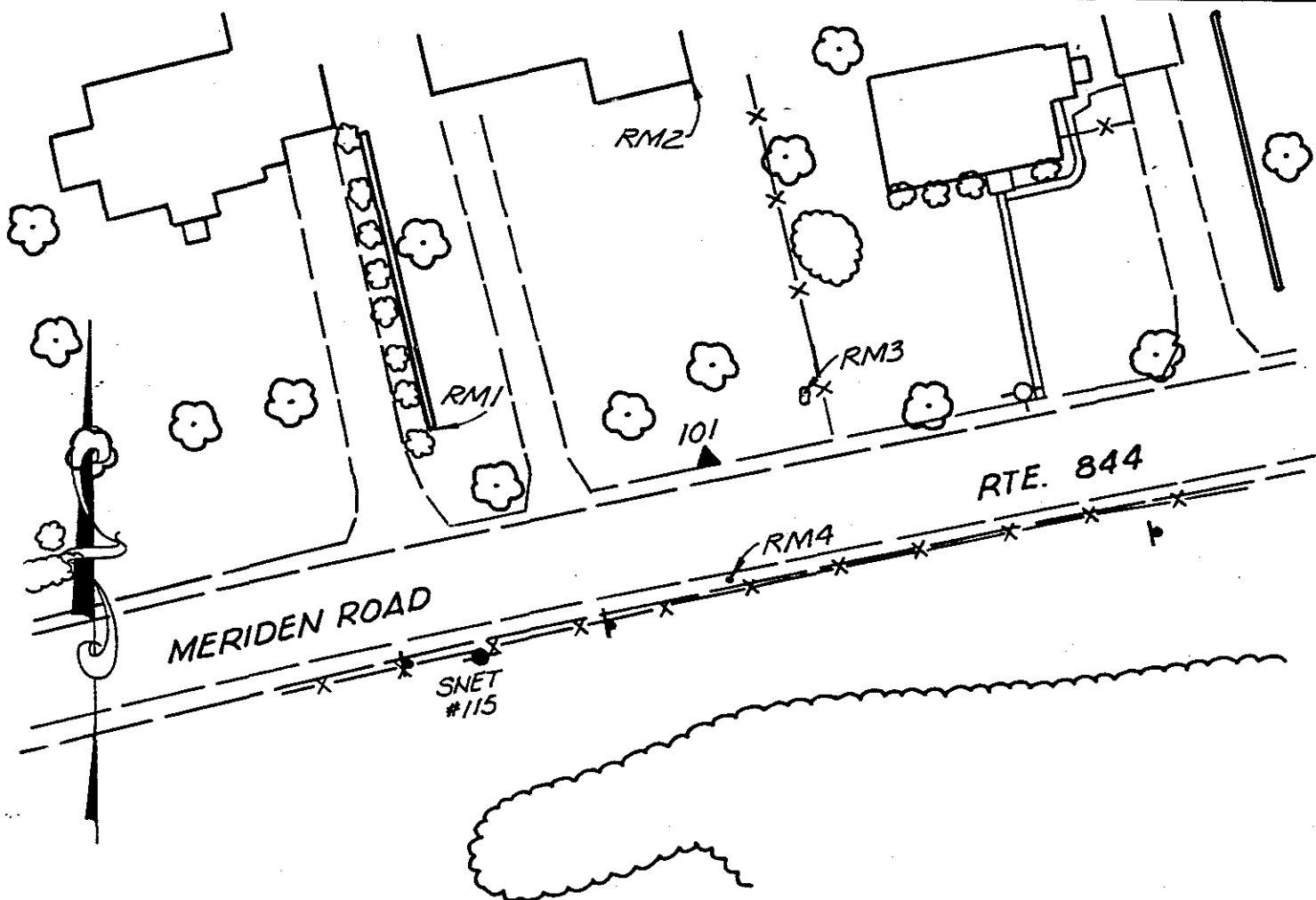
\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-100	1557.381	0° 00' 00"	82°-20'-12.5"
CP-102	749.369	173°-20'-01.9"	255°-40'-14.4"
RM1	62.11	198°-14'-05"	
RM2	87.62	278°-03'-40"	
RM3	26.25	335°-20'-33"	
RM4	28.84	84°-48'-16"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #101: SET ROD MONUMENT, 1.8' BEHIND BIT. CURB, 18' WEST OF THE EAST RANGE LINE OF HOUSE

RM1: NORTHWEST OF STATION - A 3/8" DRILL HOLE IN THE SOUTHEAST CORNER OF A CONCRETE BLOCK RETAINING WALL

RM2: NORTH OF STATION - THE SOUTHEAST CORNER OF HOUSE, MEASUREMENT TAKEN 1' ABOVE GROUND AT CORNER OF CONCRETE FOUNDATION

RM3: NORTHEAST OF STATION - A 3/8" DRILL HOLE IN 1/2' X 1' GRANITE OUTCROP, FLUSH WITH GROUND, 6' WEST AND 10' SOUTH OF 3' HIGH CHAIN LINK FENCE

RM4: SOUTH OF STATION - A R.R. SPIKE, 1' FROM EDGE OF ROAD, 60' EAST OF SNET (S) POLE #115, MARKED BY A "+"



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-102

IN THE TOWN OF  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 762,588.128 FEET  
 E. 940,228.118 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-13.68286"  
 LONG. 72°-58'-06.16959"  
 THETA ANGLE - 0°-08'-413"

TYPE OF MARKER  
 CHD MON.

ALSO REFERRED TO AS STATION #  
 \_\_\_\_\_

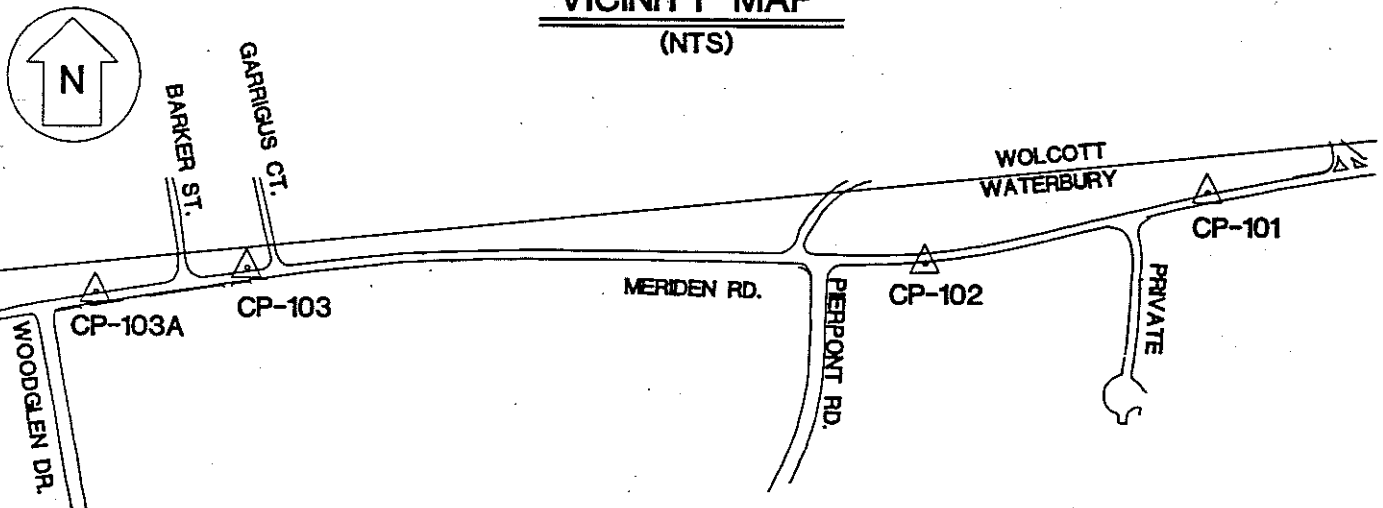
CONDITION OF STATION	BY	DATE

**ELEVATIONS**

\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

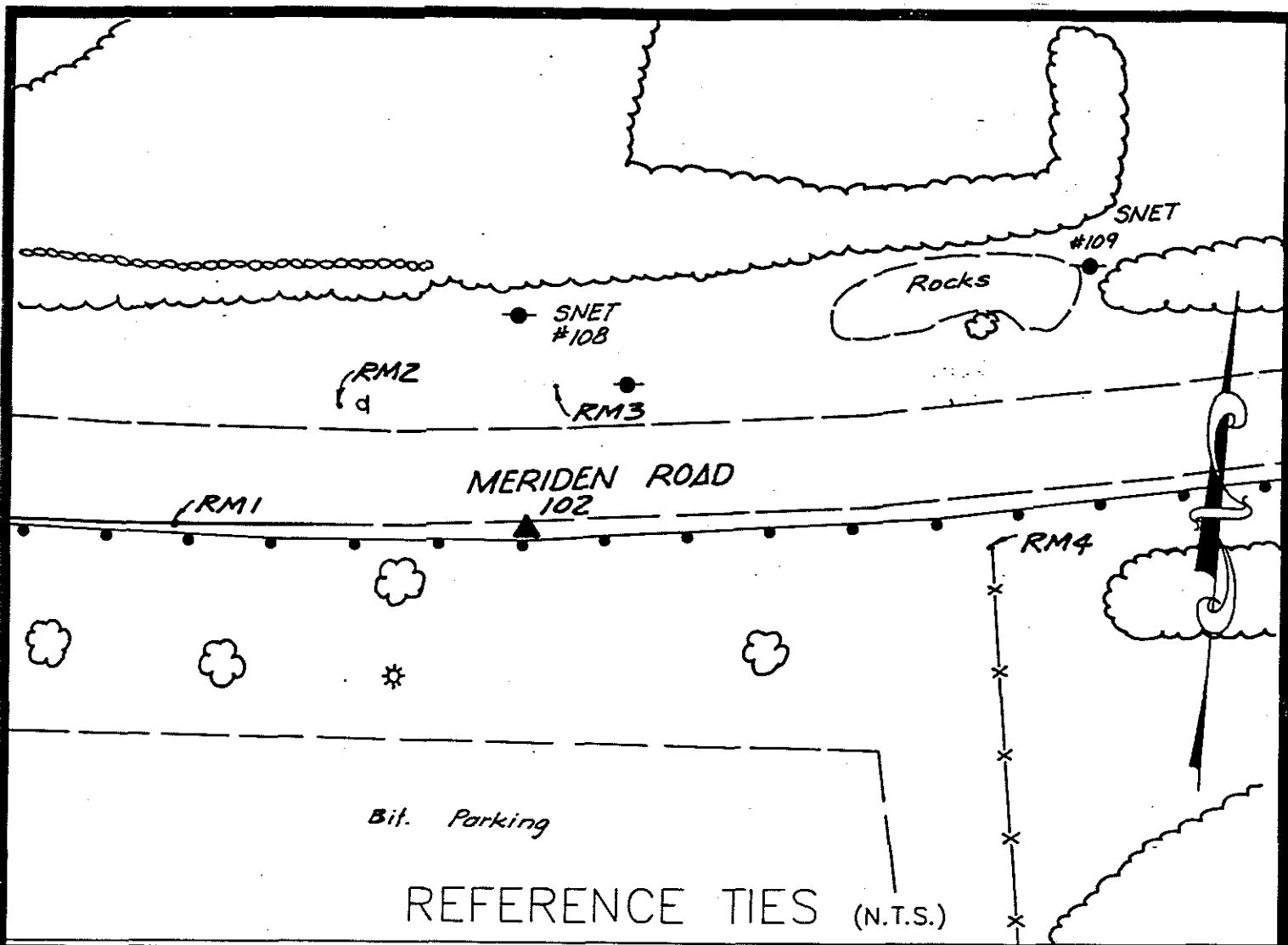
\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

## VICINITY MAP (NTS)



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-101	749.369	0° 00' 00"	75°-40-14.4"
CP-103	1738.393	193°-37'-39.5"	269°-17'-53.8"
RM1	84.60	191°-09'-49"	
RM2	56.26	225°-08'-50"	
RM3	34.04	290°-23'-52"	
RM4	112.39	11°-37'-52"	

SEE REVERSE SIDE FOR REFERENCE TIES



COMMENTS

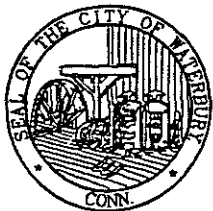
STATION #102: A C.D.O.T. 6" X 6" CONCRETE BASELINE MONUMENT MARKED WITH A "+", 1.4' FROM SOUTH EDGE OF ROAD

RM1: WEST OF STATION - A DRILL HOLE IN TOP OF GRANITE CURB AT THE END OF GRANITE CURB

RM2: NORTHWEST OF STATION - VERTICAL CONTROL PT. #981 SET IN 1985, 2.5' NORTH OF NORTH EDGE OF ROAD, BM #2636

RM3: NORTH OF STATION - A 1/4" DRILL HOLE WITH CHISELED SQUARE IN GRANITE OUTCROPPING 3' NORTH OF NORTH EDGE OF ROAD

RM4: EAST OF STATION - THE NORTHWEST CORNER OF THE TOP OF A STEEL FENCE POST, 9.5' SOUTH OF ROAD

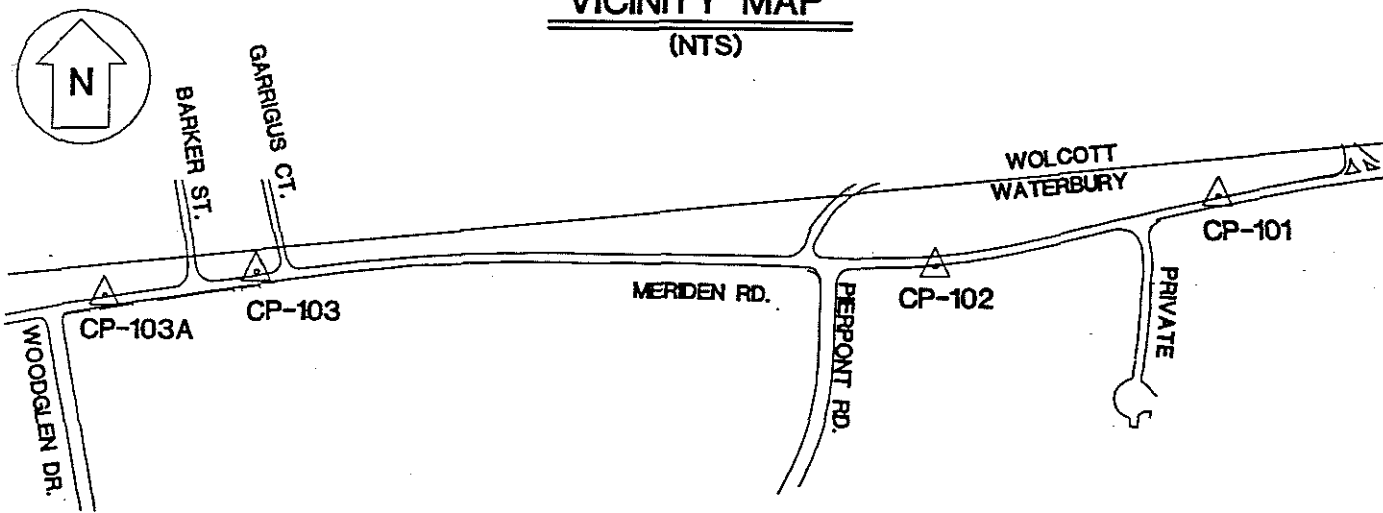


# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 666-0134

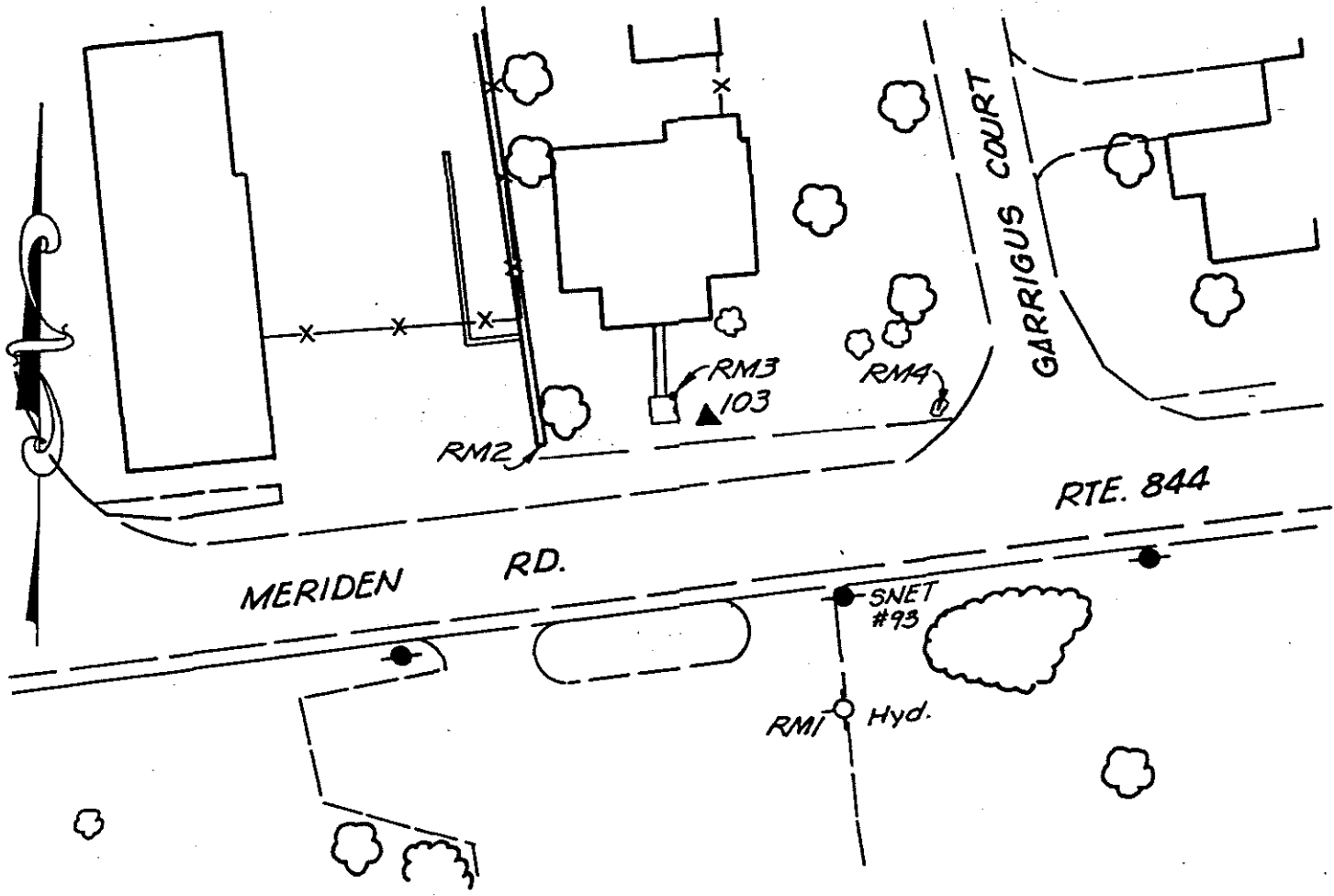
<b>STATE PLANE COORDS (NAD '83 PRELIMINARY)</b> N. _____ FEET E. _____ FEET DATE _____	<b>GEOGRAPHIC POSITION (NAD '83 PRELIMINARY)</b> LAT. _____ LONG. _____ DATE _____	<b>STATION #</b> CP-103 IN THE TOWN OF WATERBURY																		
<b>STATE PLANE COORDS (NAD '83 FINAL)</b> N. 762,566.839 FEET E. 938,489.855 FEET DATE 6 - 15 - 93	<b>GEOGRAPHIC POSITION (NAD '83 FINAL)</b> LAT. 41°-33'-13.42849" LONG. 72°-58'-29.03185" THETA ANGLE - 0°-08'-56.4"	TYPE OF MARKER CITY ROD MON. ALSO REFERRED TO AS STATION # _____																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">CONDITION OF STATION</th> <th style="width: 15%;">BY</th> <th style="width: 35%;">DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>		CONDITION OF STATION	BY	DATE																<b>ELEVATIONS</b> _____ FEET (NAVD 88) DATE _____ _____ FEET (CITY OF WATERBURY DATUM) DATE _____
CONDITION OF STATION	BY	DATE																		

## VICINITY MAP (NTS)



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-102	1738.393	0° 00' 00"	88°-17'-53.9"
CP-103A	394.446	171°-27'-42.2"	260°-45'-36.2"
BYAM RD. STANDPIPE	3844.905	24°-19'-49.5"	113°-37'-43.5"
RM1	72.90	64°-08'-11"	
RM2	38.03	178°-18'-51"	
RM3	11.64	218°-20'-01"	
RM4	50.38	358°-58'-00"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

- STATION #103: SET ROD MONUMENT, 4' FROM EDGE OF WALL, 10.5' WEST OF THE EAST RANGE LINE OF HOUSE
- RM1: SOUTHEAST OF STATION - TOP OF FIRE HYDRANT, 30' SOUTH OF SNET CO. POLE #93
- RM2: WEST OF STATION - A 3/8" DRILL HOLE IN THE SOUTHEAST CORNER OF A CONCRETE AND STONE RETAINING WALL
- RM3: NORTHWEST OF STATION - A 3/8" DRILL HOLE IN REMAINS OF CONCRETE STEPS LEADING TO HOUSE
- RM4: EAST OF STATION - A 3/8" DRILL HOLE IN THE CENTER OF A 2' X 3.5' GRANITE OUTCROP AT THE NORTHWEST CORNER OF INTERSECTION OF RTE. 844 AND GARRIGUS CT.





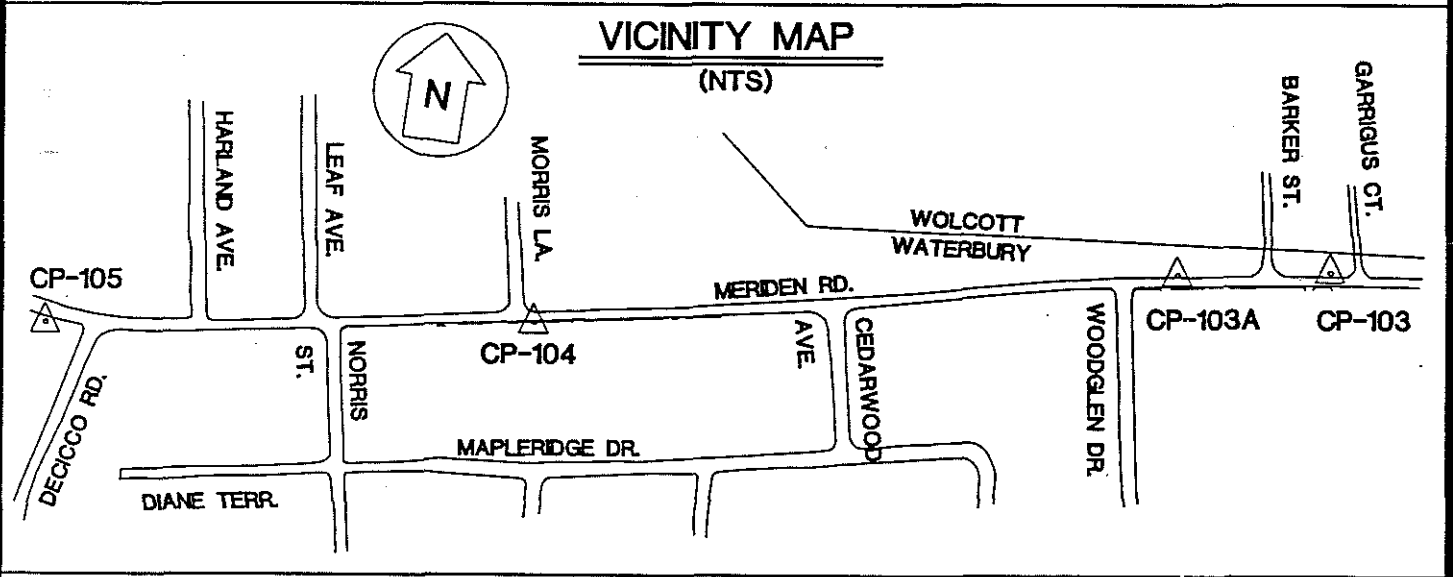
# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



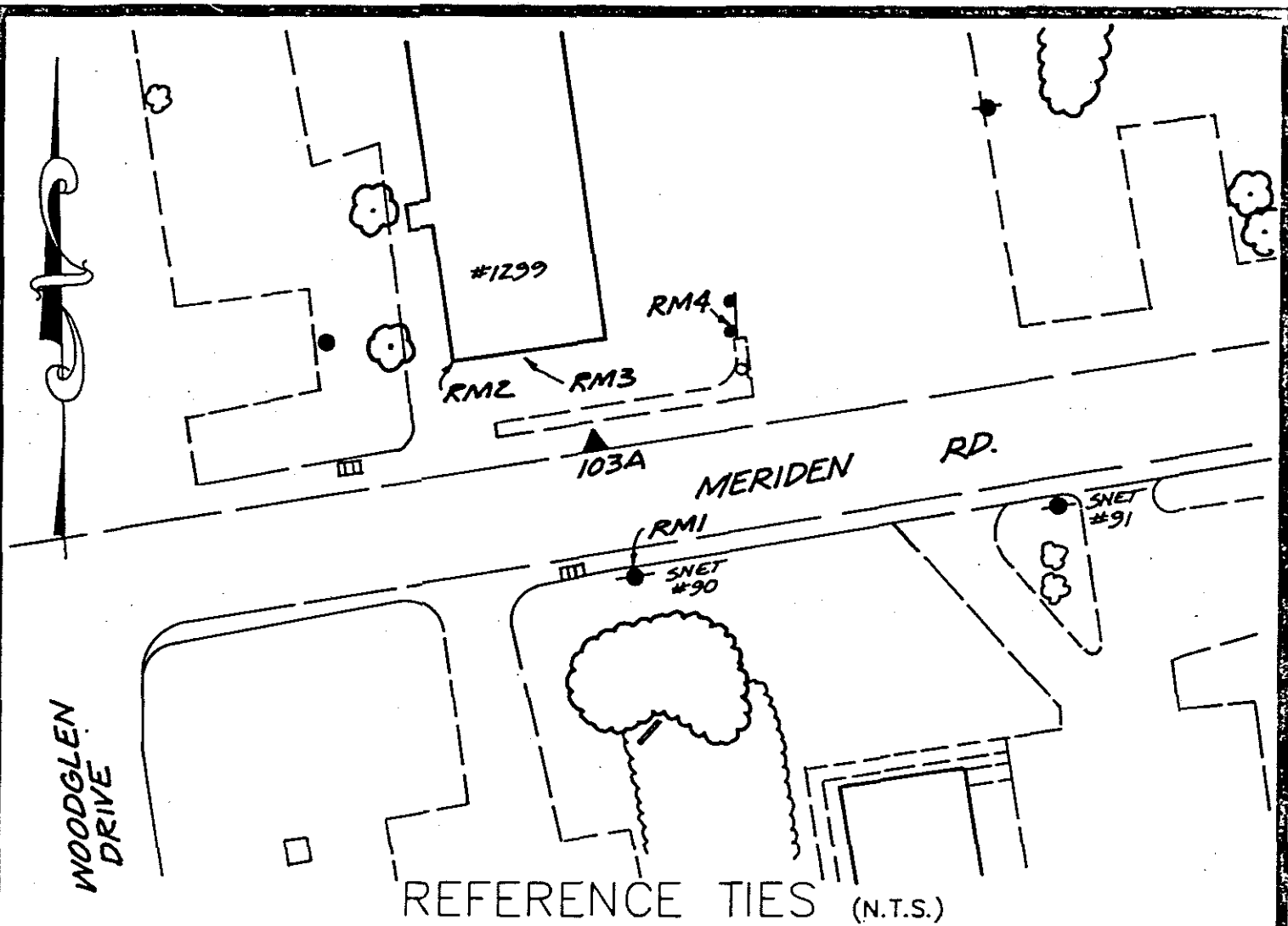
**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KITTS LANE NEWINGTON, CT (203) 666-0134

<b>STATE PLANE COORDS (NAD '83 PRELIMINARY)</b> N. _____ FEET E. _____ FEET DATE _____	<b>GEOGRAPHIC POSITION (NAD '83 PRELIMINARY)</b> LAT. _____ LONG. _____ DATE _____	<b>STATION #</b> CP-103A  IN THE TOWN OF WATERBURY																		
<b>STATE PLANE COORDS (NAD '83 FINAL)</b> N. 762,503.503 FEET E. 938100.527 FEET DATE 8 - 15 - 93	<b>GEOGRAPHIC POSITION (NAD '83 FINAL)</b> LAT. 41°-33'-12.79272" LONG. 72°-58'-34.15040" THETA ANGLE - 0°-08'-59.8"	TYPE OF MARKER CGS MON.  ALSO REFERRED TO AS STATION # CTGS 912																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">CONDITION OF STATION</th> <th style="width: 20%;">BY</th> <th style="width: 30%;">DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>		CONDITION OF STATION	BY	DATE																<b>ELEVATIONS</b>  _____ FEET (NAVD 88)  DATE _____  _____ FEET (CITY OF WATERBURY DATUM)  DATE _____
CONDITION OF STATION	BY	DATE																		



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-103	394.448	0° 00' 00"	80°-45'-36.2"
CP-104	1654.581	176°-23'-18.4"	257°-08'-54.8"
RM1	35.80	85°-01'-10"	
RM2	43.71	226°-59'-30"	
RM3	29.79	244°-01'-39"	
RM4	41.15	331°-51'-08"	



COMMENTS

STATION #103A: STATION MARK IS U.S.C. AND G.S.; STATE SURVEY BRONZE DISK STAMPED 912, SET IN THE TOP OF A REINFORCED CONCRETE POST, THE TOP FLUSH WITH THE GROUND. THE STATION IS ON THE NORTH SIDE OF U.S. #844, AND 2.44 MILES EAST OF ITS INTERSECTION WITH CONN. #70, AT HAMILTON PARK, IN WATERBURY. IT IS 16.3' NORTH OF THE HIGHWAY CENTERLINE.

RM1: PK NAIL IN POLE #90, SOUTH SIDE OF MERIDEN RD. (RTE. #844)

RM2: SOUTHWEST CORNER OF BUILDING #1299

RM3: SOUTHEAST CORNER OF CONCRETE LANDING AT BUILDING #1299

RM4: "+" MARK ON SOUTHWEST BOLT FOR CAR WASH SIGN



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 76 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
 CP-104

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 762,135.487 FEET

E. 936,487.413 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-09.11453"

LONG. 72°-58'-55.35425"

THETA ANGLE - 0°-08'-13.9"

**TYPE OF MARKER**  
 CGS MON.

**ALSO REFERRED TO AS STATION #**  
 CTGS 911

**ELEVATIONS**

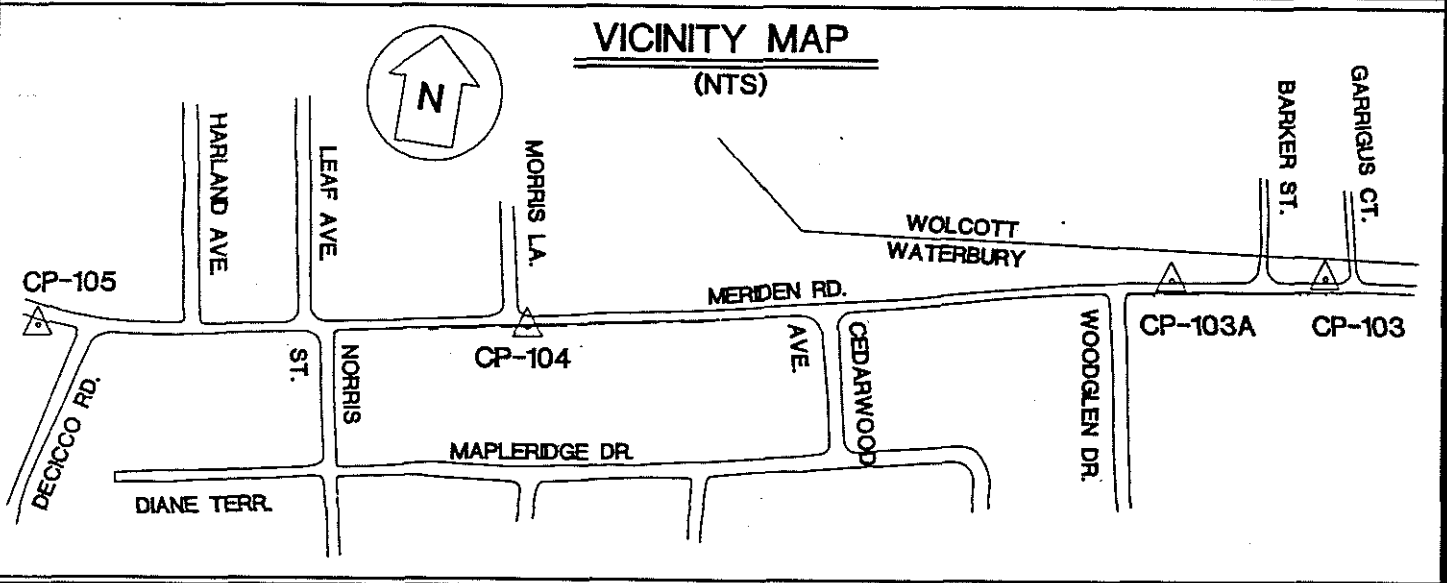
\_\_\_\_\_ FEET  
 (NAVD 88)

DATE \_\_\_\_\_

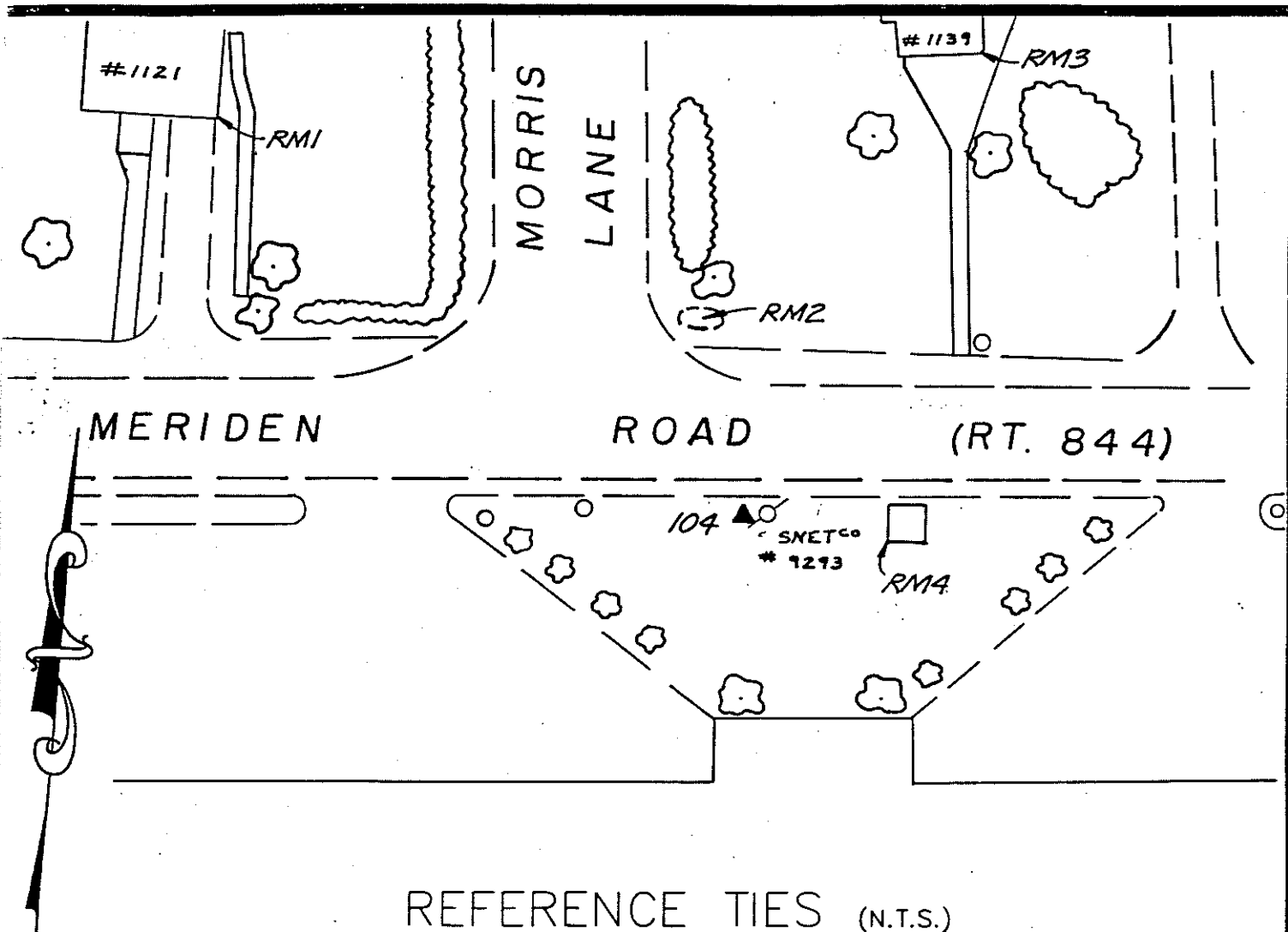
\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-103A	1654.561	0° 00' 00"	77°-08'-54.6"
CP-105	1257.210	184°-22'-50.0"	261°-31'-44.6"
RM1	156.66	217°-39'-43"	
RM2	47.71	257°-53'-31"	
RM3	145.11	303°-12'-41"	
RM4	18.07	29°-28'-40"	



REFERENCE TIES (N.T.S.)

COMMENTS

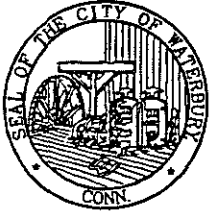
**STATION #104:** STATION MARK IS U.S.C. AND G.S. STATE SURVEY BRONZE DISK STAMPED 911, SET IN THE TOP OF A REINFORCED CONCRETE POST, THE TOP 2" BELOW THE GROUND. THE STATION IS ON THE SOUTH SIDE OF U.S.#844 AND 2.13 MILES EAST OF ITS INTERSECTION WITH CONN. #70, AT HAMILTON PARK IN WATERBURY. IT IS 1.5' SOUTH OF THE EDGE OF THE PAVEMENT, 4.7' WEST OF SNET CO. POLE #9293 AND 1' BELOW SURFACE OF THE GROUND.

**RM1:** NORTHWEST OF STATION - THE SOUTHEAST CORNER OF THE FOUNDATION OF THE FRAME HOUSE AT #1121

**RM2:** NORTHWEST OF STATION - THE DRILL HOLE IN A TRIANGLE IN THE OUTCROPPING BEDROCK, 10' NORTH OF THE EDGE OF THE PAVEMENT AND IN FRONT OF 3 LARGE MAPLE TREES

**RM3:** NORTHEAST OF STATION - THE SOUTHEAST CORNER OF THE FOUNDATION OF THE TOWER OF THE FRAME HOUSE AT #1139

**RM4:** EAST OF STATION - A DRILL HOLE IN THE SOUTHWEST CORNER OF CONCRETE SLAB FOR BUS STOP



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 880-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
E. \_\_\_\_\_ FEET  
DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
LONG. \_\_\_\_\_  
DATE \_\_\_\_\_

**STATION #**  
CP-105

**IN THE TOWN OF  
WATERBURY**

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 761950.290 FEET  
E. 935243.918 FEET  
DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-07.2515"  
LONG. 72°-58'-11.70266"  
THETA ANGLE - 0°-09'-24.7"

**TYPE OF MARKER**  
CITY ROD MON.

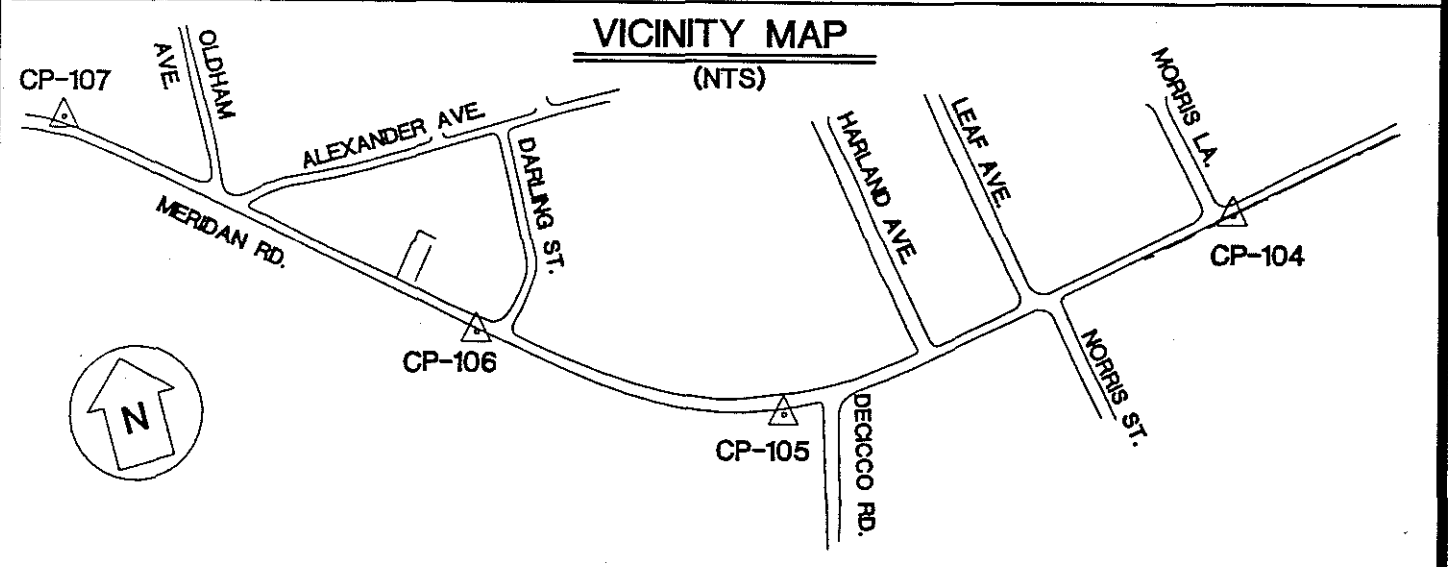
**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

**ELEVATIONS**

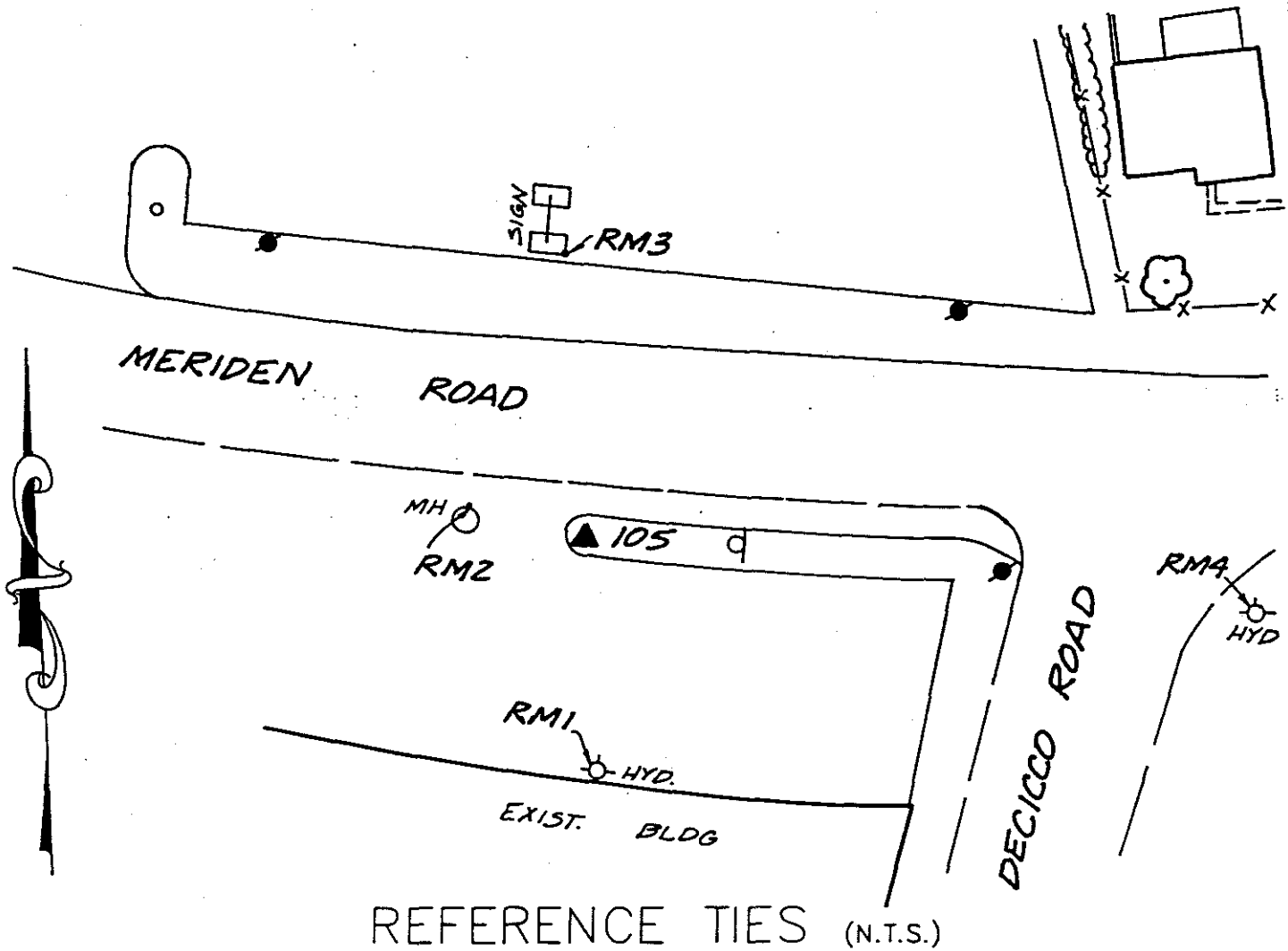
\_\_\_\_\_ FEET  
(NAVD 88)  
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)  
DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-104	1257.210	0° 00' 00"	81°-31'-44.6"
CP-106	820.878	218°-42'-08.2"	300°-13'-52.8"
RM1	53.02	91°-10'-53"	
RM2	24.29	203°-26'-33"	
RM3	45.62	277°-04'-59"	
RM4	154.44	20°-06'-00"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #105: ROD MONUMENT SET IN LANDSCAPE ISLAND ON THE EAST SIDE OF ENTRANCE TO BUILDING

RM1: SOUTH OF STATION - TOP OF FIRE HYDRANT ON NORTH SIDE OF BUILDING

RM2: WEST OF STATION - A PUNCH AND FLARE MARK ON THE NORTHERLY RIM OF A CITY OF WATERBURY MANHOLE

RM3: NORTH OF STATION - A 3/8" DRILL HOLE IN THE SOUTHEAST CORNER OF CONCRETE BASE FOR SIGN

RM4: EAST OF STATION - TOP OF FIRE HYDRANT AT THE SOUTHEAST CORNER OF MERIDEN RD. AND DECICCO RD.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
**LAND SURVEYORS**  
76 KITTS LANE NEWINGTON CT (203) 666-0134

STATE PLANE COORDS (NAD '83 PRELIMINARY)	
N. _____ FEET	
E. _____ FEET	
DATE _____	

GEOGRAPHIC POSITION (NAD '83 PRELIMINARY)	
LAT. _____	
LONG. _____	
DATE _____	

STATION #
CP-106
IN THE TOWN OF WATERBURY

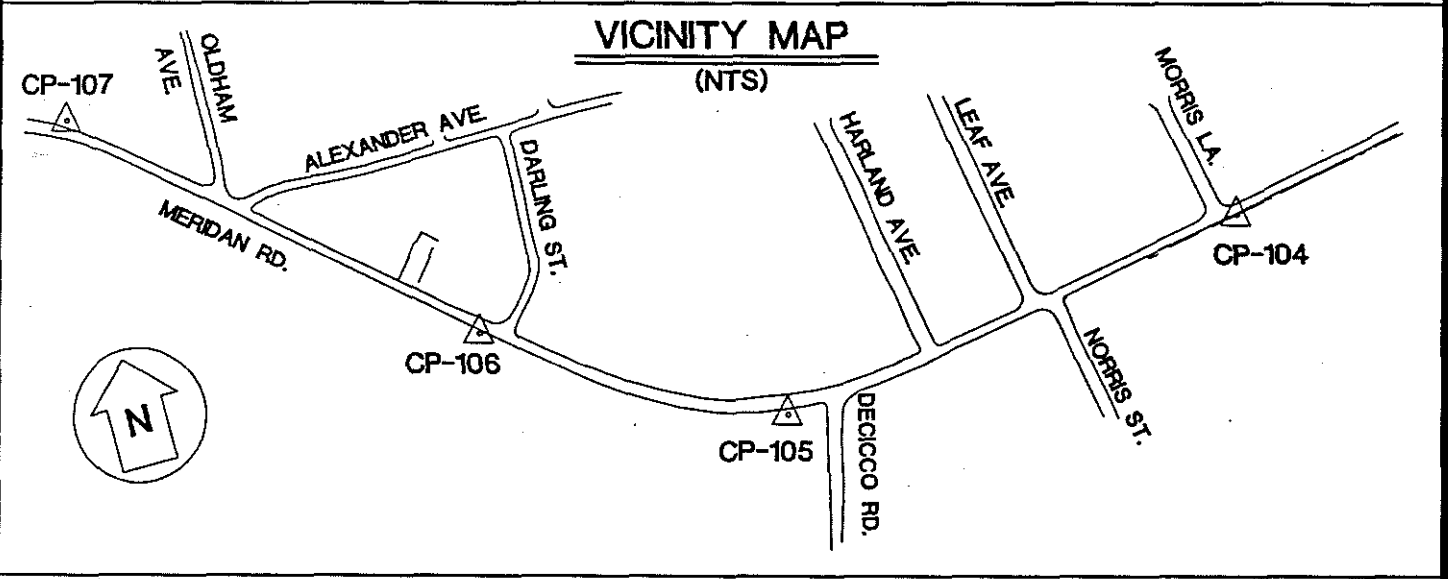
STATE PLANE COORDS (NAD '83 FINAL)	
N. 762,363.595 FEET	
E. 934,534.681 FEET	
DATE 6 - 15 - 93	

GEOGRAPHIC POSITION (NAD '83 FINAL)	
LAT. 41°-33'-11.31559"	
LONG. 72°-59'-21.04589"	
THETA ANGLE - 0°-09'-30.9"	

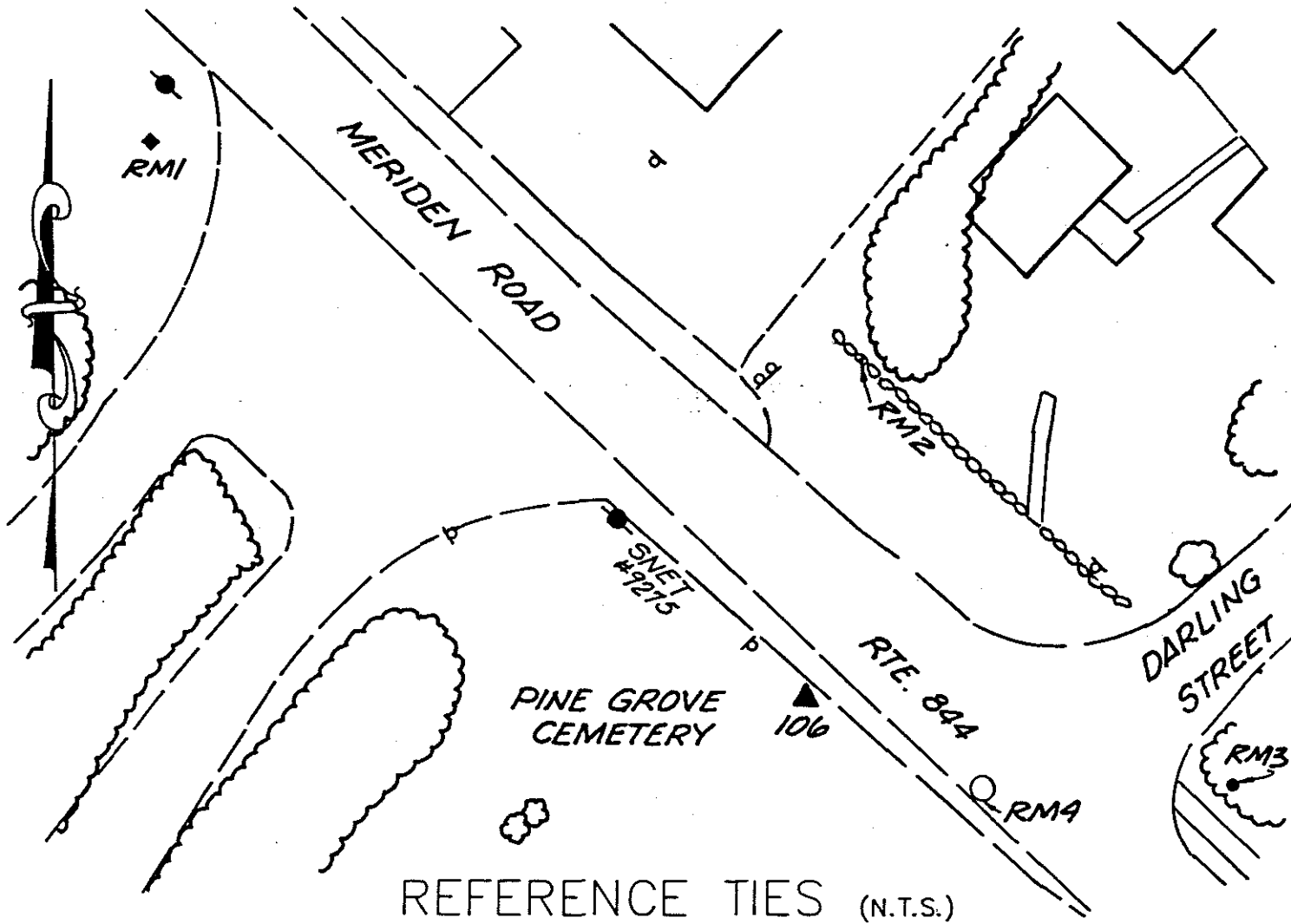
TYPE OF MARKER
CITY ROD MON.
ALSO REFERRED TO AS STATION #

ELEVATIONS
_____ FEET (NAVD 88)
DATE _____
_____ FEET (CITY OF WATERBURY DATUM)
DATE _____

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-105	820.876	0° 00' 00"	120°-13'-52.8"
CP-107	1199.835	192°-30'31.5"	312°-44'-24.2"
RM1	191.73	175°-23'-40"	
RM2	81.67	243°-41'-28"	
RM3	109.39	338°-38'-50"	
RM4	47.80	01°-01'-00"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #106: SET ROD MONUMENT, SOUTH SIDE OF RTE. #844, EAST OF SNET CO. POLE #9275

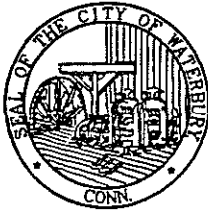
RM1: NORTHWEST OF STATION - A 6" X 6" CONCRETE CHD R.O.W. MONUMENT, 20' NORTH OF 36" PINE TREE AND 17' WEST OF BIT. DRIVE, MARKED WITH A "+"

RM2: NORTH OF STATION - A 3/8" DRILL HOLE IN TOP OF STONE, 1' EAST OF NORTH RANGE OF HOUSE

RM3: EAST OF STATION - CGS VERTICAL CONTROL MONUMENT #R81, SET IN 1985, BRASS DISK SET IN GRANITE OUTCROP

RM4: SOUTHEAST OF STATION - A PUNCH AND FLARE MARK IN THE SOUTHERLY RIM OF A BELL SYSTEM MANHOLE





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-107

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 763,177.881 FEET

E. 933,853.474 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-19.3364"

LONG. 72°-59'-32.88613"

THETA ANGLE - 0°-09'-38.6"

**TYPE OF MARKER**  
CITY ROD MON.

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

CONDITION OF STATION	BY	DATE

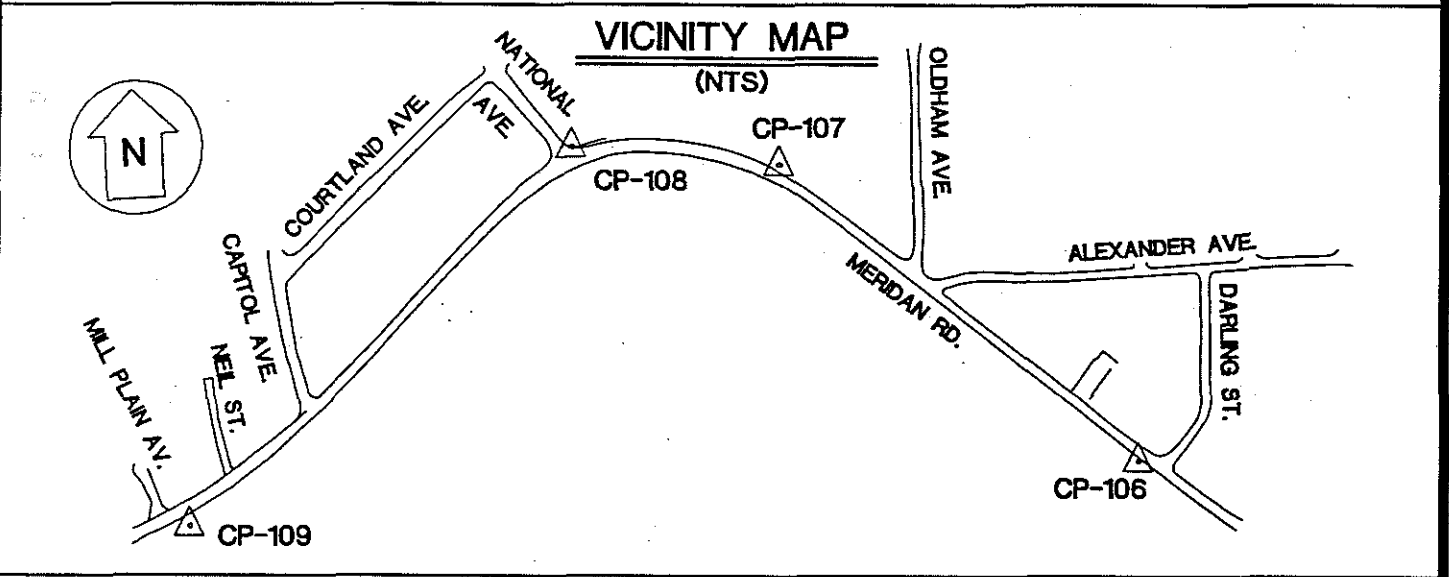
**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

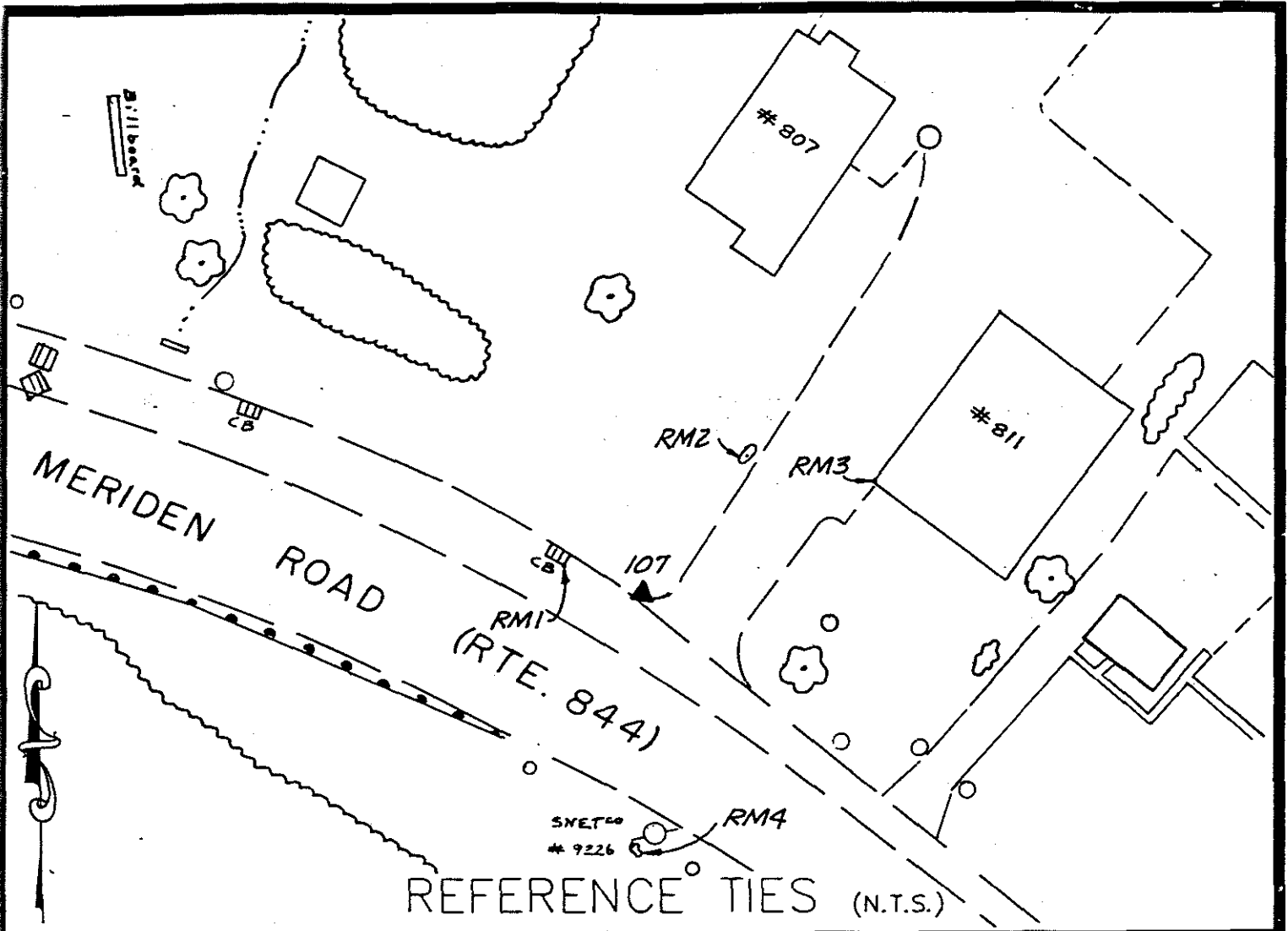
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-108	1199.835	0° 00' 00"	132°-44'-24.2"
CP-108	540.298	145°-09'-01.2"	277°-53'-25.4"
RM1	20.82	158°-06'-32"	
RM2	41.99	263°-24'-17"	
RM3	80.44	291°-34'-29"	
RM4	60.26	49°-42'-58"	



COMMENTS

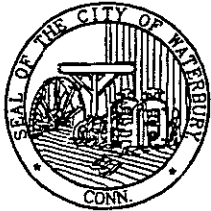
STATION #107: SET ROD MONUMENT, 1' NORTH AND 2' WEST OF BIT. CURB

RM1: WEST OF STATION - A 3/8" DRILL HOLE IN THE SOUTHEAST CORNER OF CATCH BASIN

RM2: NORTH OF STATION - THE CENTER OF LEAD PLUG IN A 2' X 4' STONE

RM3: NORTHEAST OF STATION - THE SOUTHWEST CORNER OF CONCRETE FOUNDATION, MEASUREMENT TAKEN 1' ABOVE BIT.

RM4: SOUTH OF STATION - A 3/8" DRILL HOLE IN A 1' X 2' STONE, 4' SOUTHWEST OF SNET CO. POLE #9226



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
 CP-108

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 763,252.062 FEET

E. 933,118.293 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-20.0543"

LONG. 72°-59'-39.70816"

THETA ANGLE - 0°-08'-43.3"

**TYPE OF MARKER**  
 CITY ROD MON.

**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

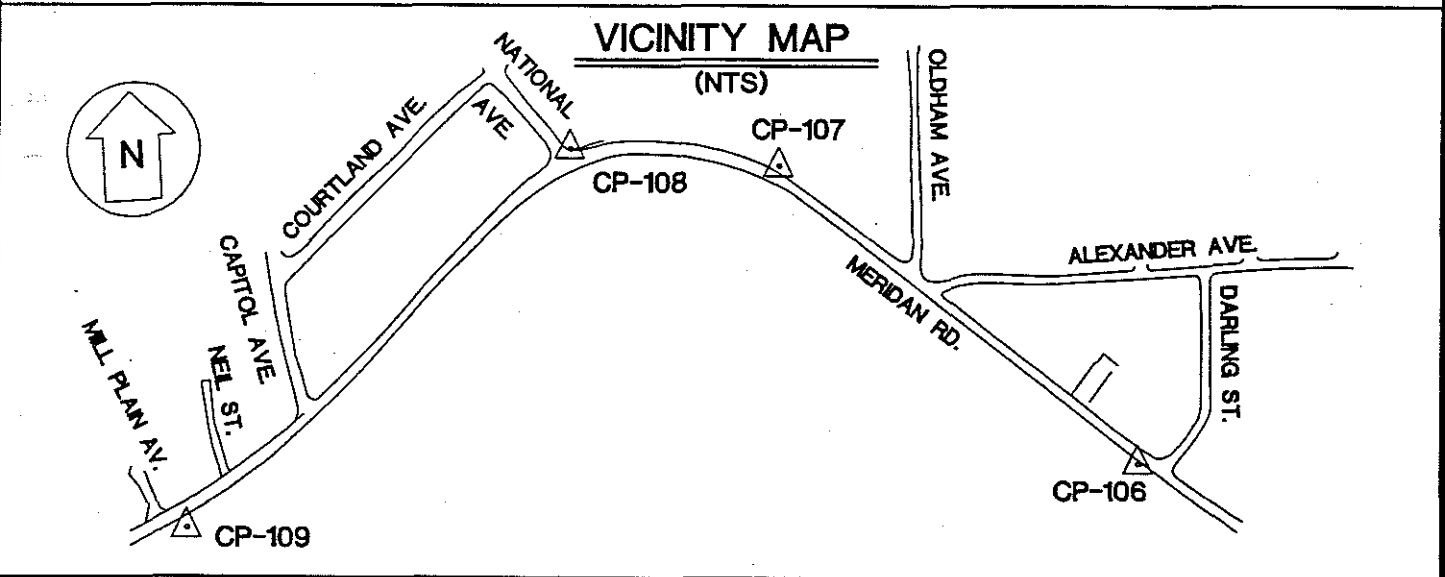
\_\_\_\_\_ FEET  
 (NAVD 88)

DATE \_\_\_\_\_

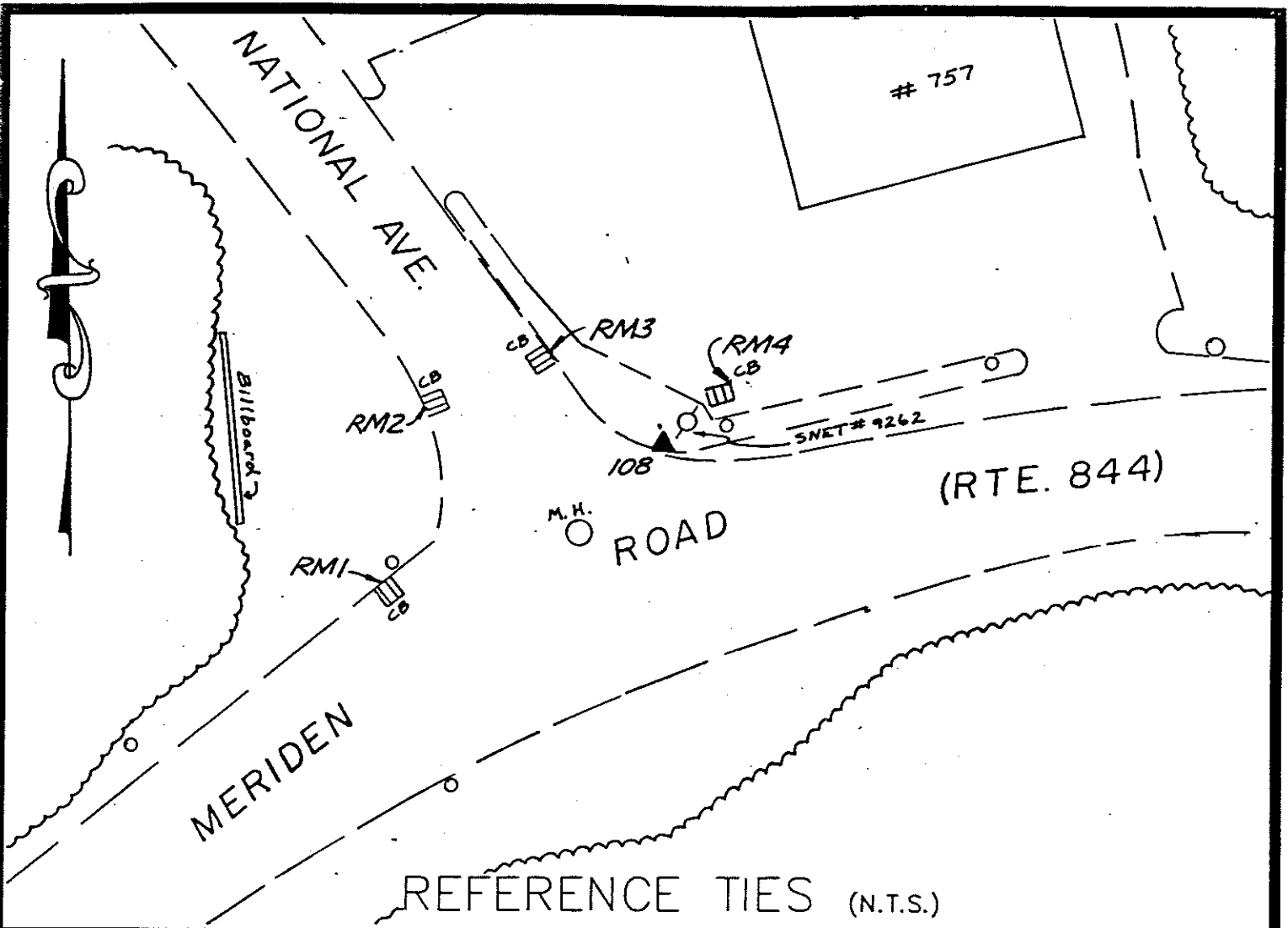
\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-107	540.298	0° 00' 00"	97°-53'-25.4"
CP-109	1382.352	130°-21'-44.6"	228°-15'-10.0"
RM1	78.43	145°-44'-07"	
RM2	59.36	180°-33'-4"	
RM3	37.53	209°-40'-10"	
RM4	15.89	308°-59'-13"	



COMMENTS

STATION #108: SET ROD MONUMENT IN BIT. ISLAND ON NORTH SIDE OF RTE. 844, 3.5' NORTH OF BIT. CURB, 6.5' FROM SNET CO. POLE #9262

RM1: SOUTHWEST OF STATION - A 3/8" DRILL HOLE IN THE CONCRETE CURB OF CATCH BASIN

RM2: WEST OF STATION - A CHISEL CROSS IN THE CENTER OF STEEL CURB OF CATCH BASIN

RM3: NORTHWEST OF STATION - A CHISEL CROSS IN THE CENTER OF STEEL CURB OF CATCH BASIN

RM4: NORTHEAST OF STATION - A 3/8" DRILL HOLE IN THE NORTHEAST CORNER OF CATCH BASIN



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-109

**IN THE TOWN OF  
 WATERBURY**

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 762,331,629 FEET  
 E. 932,086,934 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-10.93159"  
 LONG. 72°-58'-53.23899"  
 THETA ANGLE - 0°-09'-52.3"

**TYPE OF MARKER**  
 CITY ROD MON.

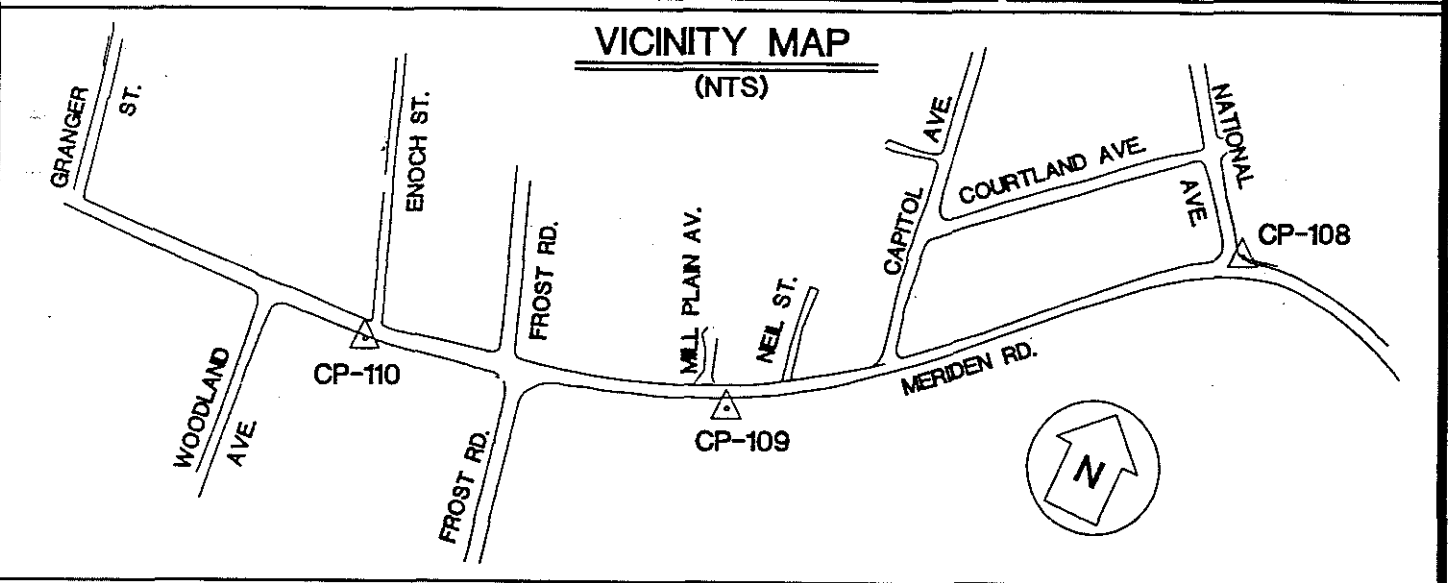
**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

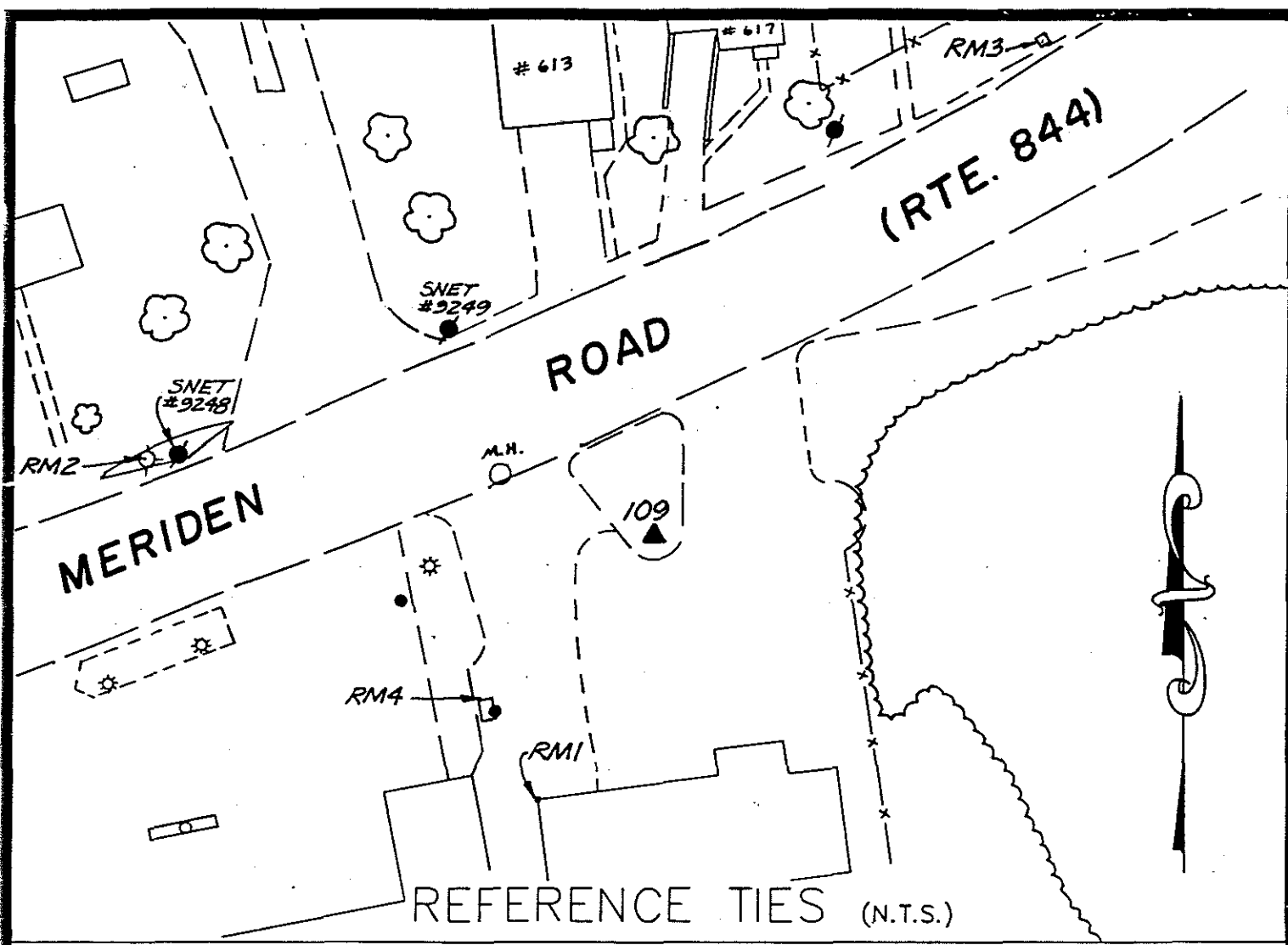
CONDITION OF STATION	BY	DATE

\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-108	1382.352	0° 00' 00"	48°-15'-10.0"
CP-110	948.653	207°-13'-419"	255°-28'-519"
RM1	70.25	153°-36'-08"	
RM2	124.24	228°-20'-39"	
RM3	152.56	345°-37'-11"	
RM4	57.73	175°-06'-21"	



COMMENTS

STATION #109: SET ROD MONUMENT IN BIT. ISLAND; 26.5' SOUTH OF BIT. CURB ON SOUTH SIDE OF RTE. #844

RM1: SOUTHWEST OF STATION - NORTHWEST CORNER OF CAR WASH; MEASUREMENT TAKEN ON 2ND CINDER BLOCK UP FROM FOUNDATION

RM2: NORTHWEST OF STATION - TOP OF FIRE HYDRANT

RM3: NORTHEAST OF STATION - A CHD DRASS DISK BASELINE MONUMENT; 7' NORTH AND 11' WEST OF BIT. ROADS

RM4: S.W. OF STATION - A 3/8" DRILL HOLE IN NORTHWEST CORNER OF CONCRETE SIGN BASE



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
**LAND SURVEYORS**  
75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-110

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 762,093.802 FEET

E. 931,168.576 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-08.55567"

LONG. 73°-00'-05.30869"

THETA ANGLE - 0°-10'-00.3"

**TYPE OF MARKER**  
CITY ROD MON.

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

CONDITION OF STATION	BY	DATE

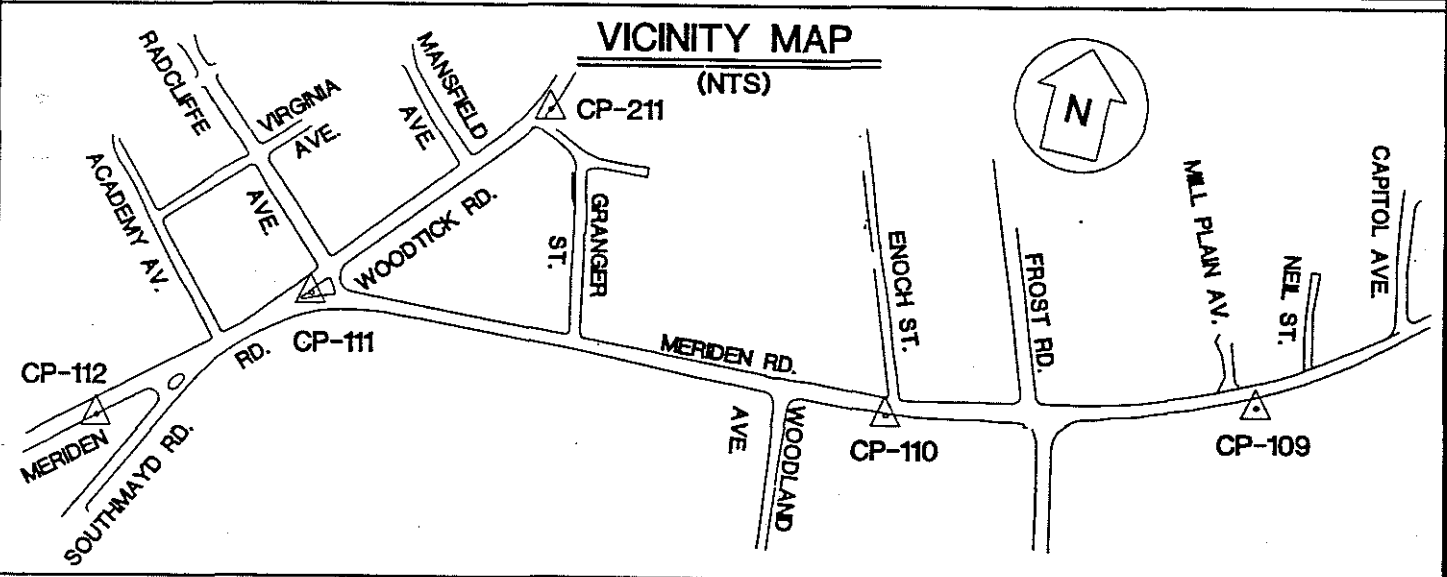
**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

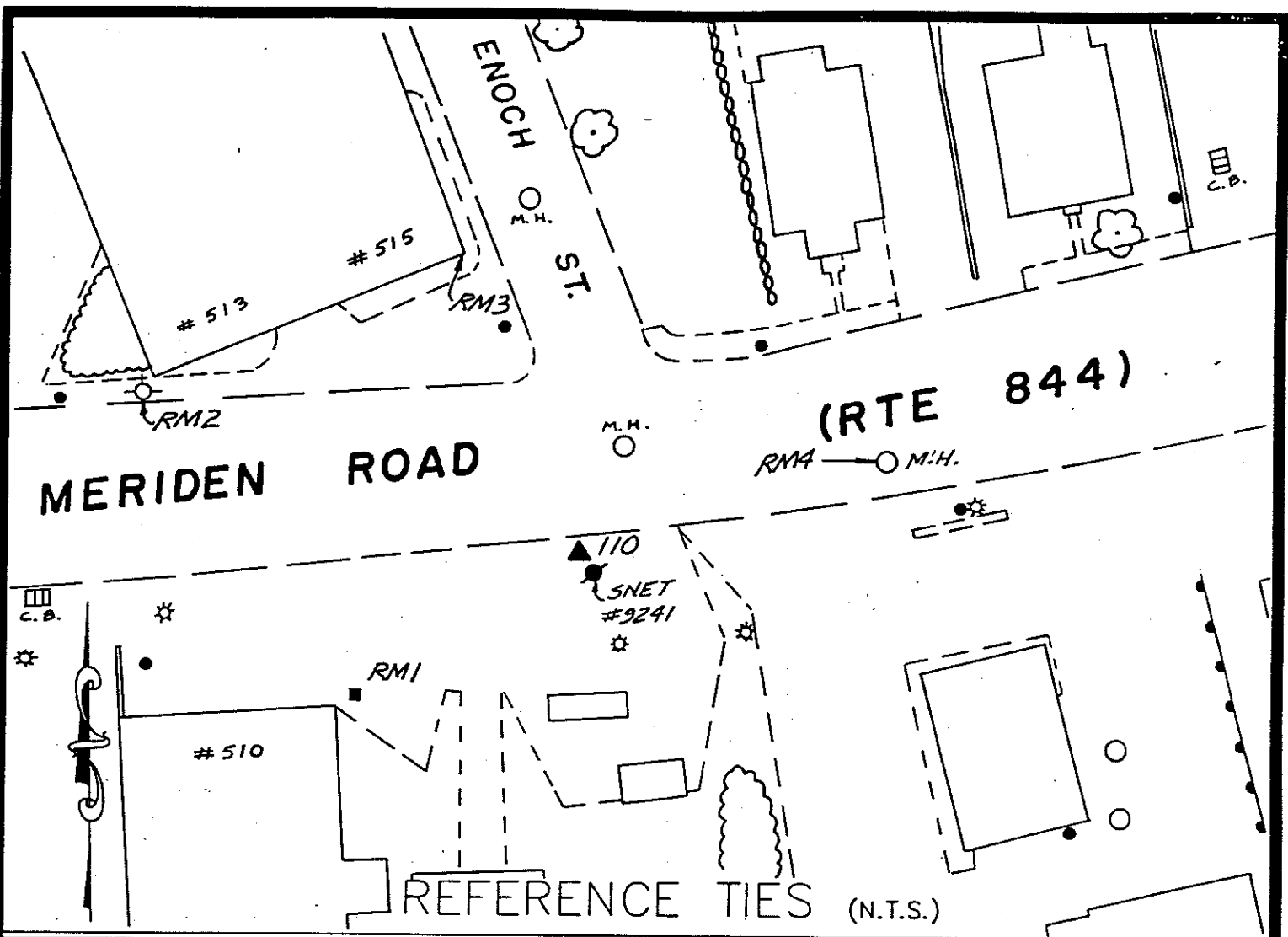
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP109	948.653	0° 00' 00"	75°-28'-51.9"
CP-111	1509.727	193°-03'-41.9"	268°-32'-33.8"
RM1	56.88	162°-36'-18"	
RM2	108.42	217°-16'-14"	
RM3	78.13	267°-55'-14"	
RM4	74.83	01°-21'-16"	



COMMENTS

STATION #110: SET ROD MONUMENT IN BIT. DRIVE 3.7' SOUTH OF ROAD AND 3.8' FROM SNET CO. POLE #9241

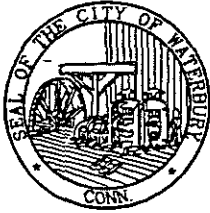
RM1: SOUTHWEST OF STATION - THE NORTHEAST CORNER OF SIGN POST, 5' EAST OF BUILDING #510, MEASUREMENT TAKEN 4" ABOVE GROUND

RM2: NORTHWEST OF STATION - TOP OF HYDRANT AT THE SOUTHWEST CORNER OF BUILDING #513

RM3: NORTH OF STATION - SOUTHEAST CORNER OF BUILDING #515, MEASUREMENT TAKEN 2' ABOVE CONCRETE ON STEEL ANGLE IRON

RM4: EAST OF STATION - A CHISEL CROSS MARK ON THE WESTERLY RIM OF BELL SYSTEM MANHOLE





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 885-0134

STATE PLANE COORDS (NAD '83 PRELIMINARY)	
N. _____ FEET	
E. _____ FEET	
DATE _____	

GEOGRAPHIC POSITION (NAD '83 PRELIMINARY)	
LAT. _____	
LONG. _____	
DATE _____	

STATION #
CP-111
IN THE TOWN OF WATERBURY

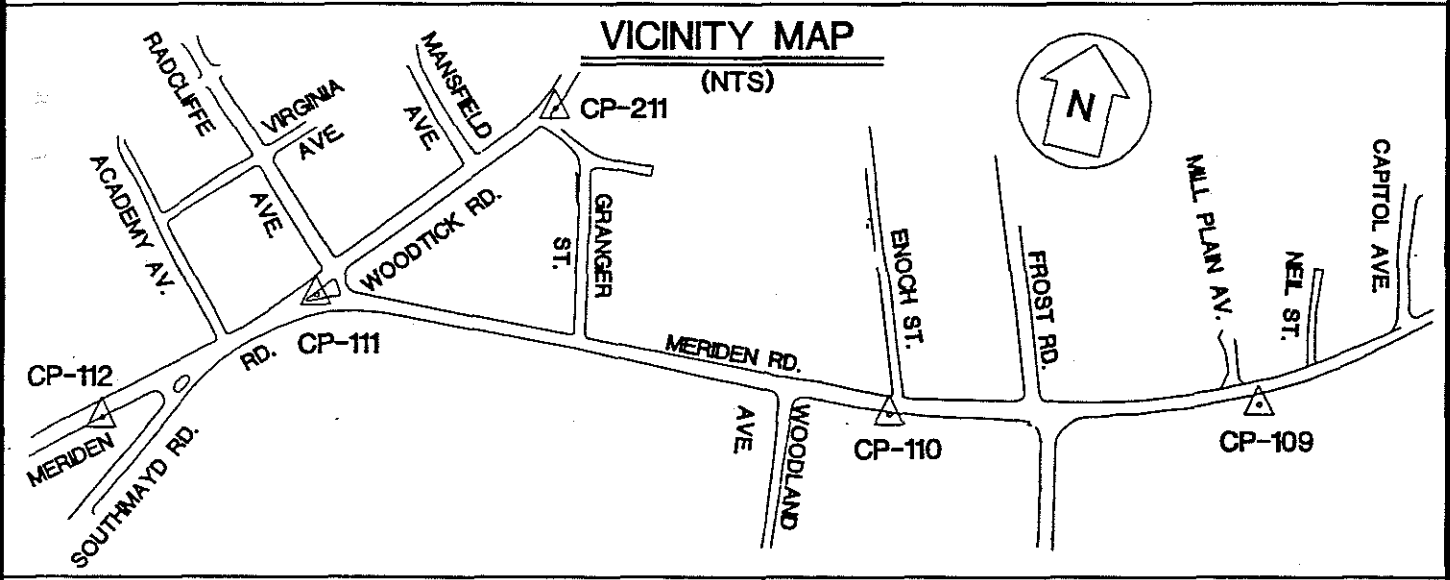
STATE PLANE COORDS (NAD '83 FINAL)	
N. 762,055.407 FEET	
E. 929,659.337 FEET	
DATE 6 - 15 - 93	

GEOGRAPHIC POSITION (NAD '83 FINAL)	
LAT. 41°-33'-08.1324"	
LONG. 73°-00'-25.1574"	
THETA ANGLE - 0°-10'-13.4"	

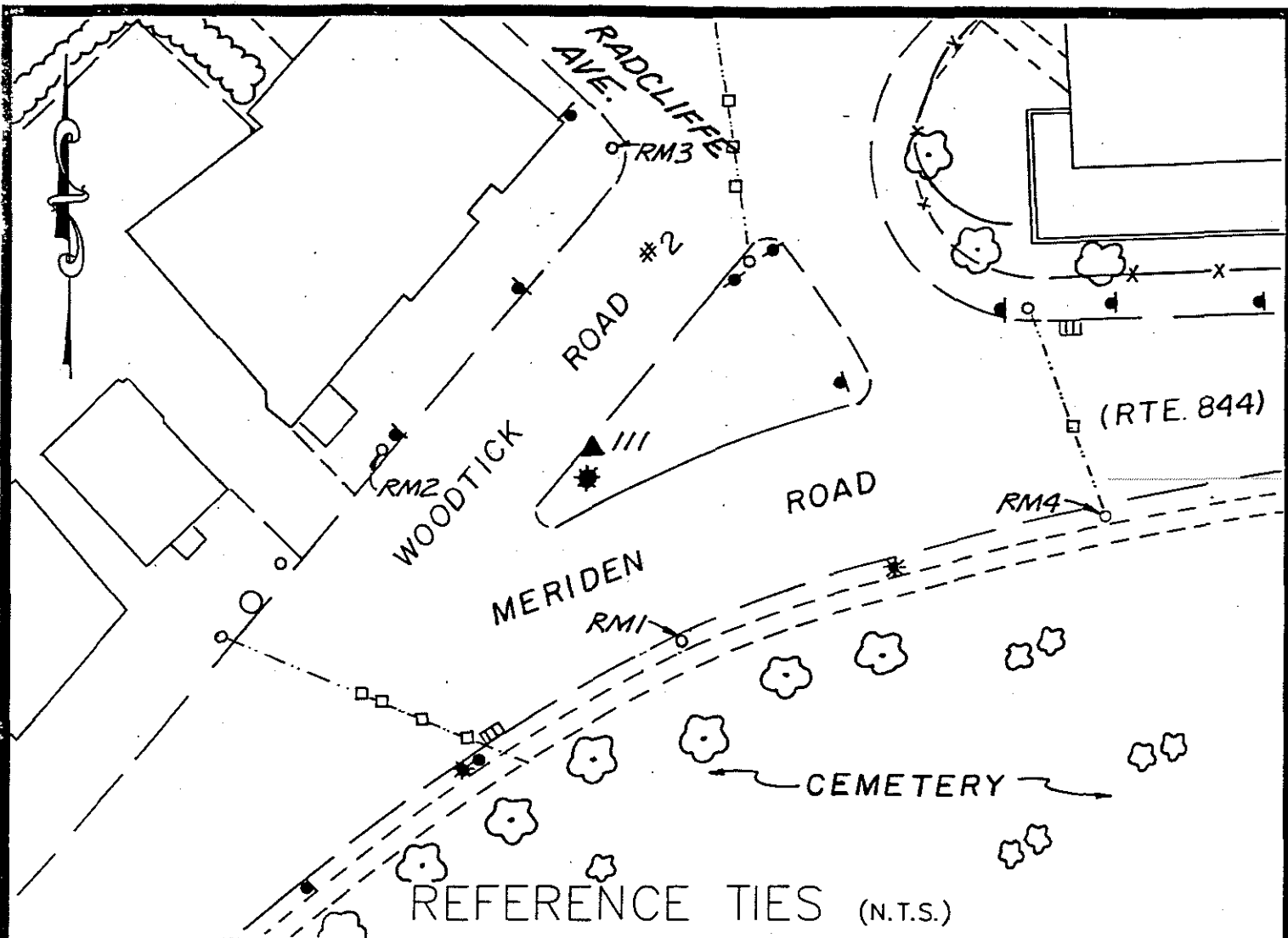
TYPE OF MARKER
CITY ROD MON.
ALSO REFERRED TO AS STATION #

ELEVATIONS
_____ FEET (NAVD 88)
DATE _____
_____ FEET (CITY OF WATERBURY DATUM)
DATE _____

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP110	1508.727	0° 00' 00"	88°-32'-33.8"
CP-112	630.138	138°-25'-25.4"	226°-57'-59.2"
CP-211	775.809	310°-20'-45.5"	38°-53'-19.3"
RM1	73.05	102°-46'-08"	
RM2	86.56	161°-01'-41"	
RM3	72.30	264°-43'-36"	
RM4	103.02	17°-21'-31"	



COMMENTS

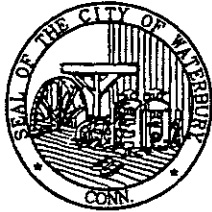
STATION #111: SET ROD MONUMENT, 2' SOUTH OF BIT. CURB ON SOUTH SIDE OF WOODTICK RD.

RM1: SOUTHEAST OF STATION - A 3/8" DRILL HOLE ON NORTHEAST CORNER OF CONCRETE BASE ON TRAFFIC CONTROL POLE, SOUTH SIDE OF MERIDEN RD.

RM2: WEST OF STATION - A 3/8" DRILL HOLE ON SOUTHEAST CORNER OF CONCRETE BASE OF TRAFFIC CONTROL POLE, NORTH SIDE OF MERIDEN RD.

RM3: NORTH OF STATION - A 3/8" DRILL HOLE ON SOUTHWEST CORNER OF CONCRETE BASE FOR WALK SIGNAL, WEST SIDE OF RADCLIFFE AVE.

RM4: EAST OF STATION - A 3/8" DRILL HOLE ON NORTHWEST CORNER OF CONCRETE BASE OF TRAFFIC CONTROL POLE, SOUTH SIDE OF MERIDEN RD.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 666-034

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-112

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 761625.384 FEET  
 E. 929,198.735 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-03.87035"  
 LONG. 73°-00'-31.19853"  
 THETA ANGLE - 0°-10'-17.4"

**TYPE OF MARKER**  
 BRASS DISK

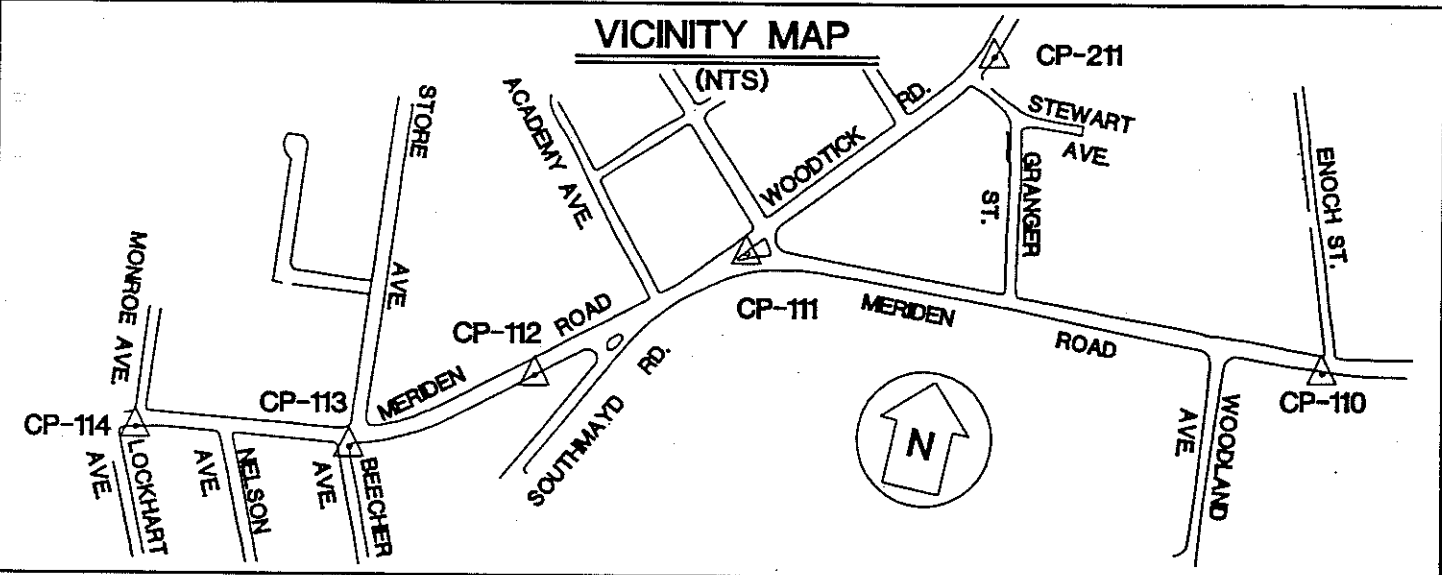
**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

CONDITION OF STATION	BY	DATE

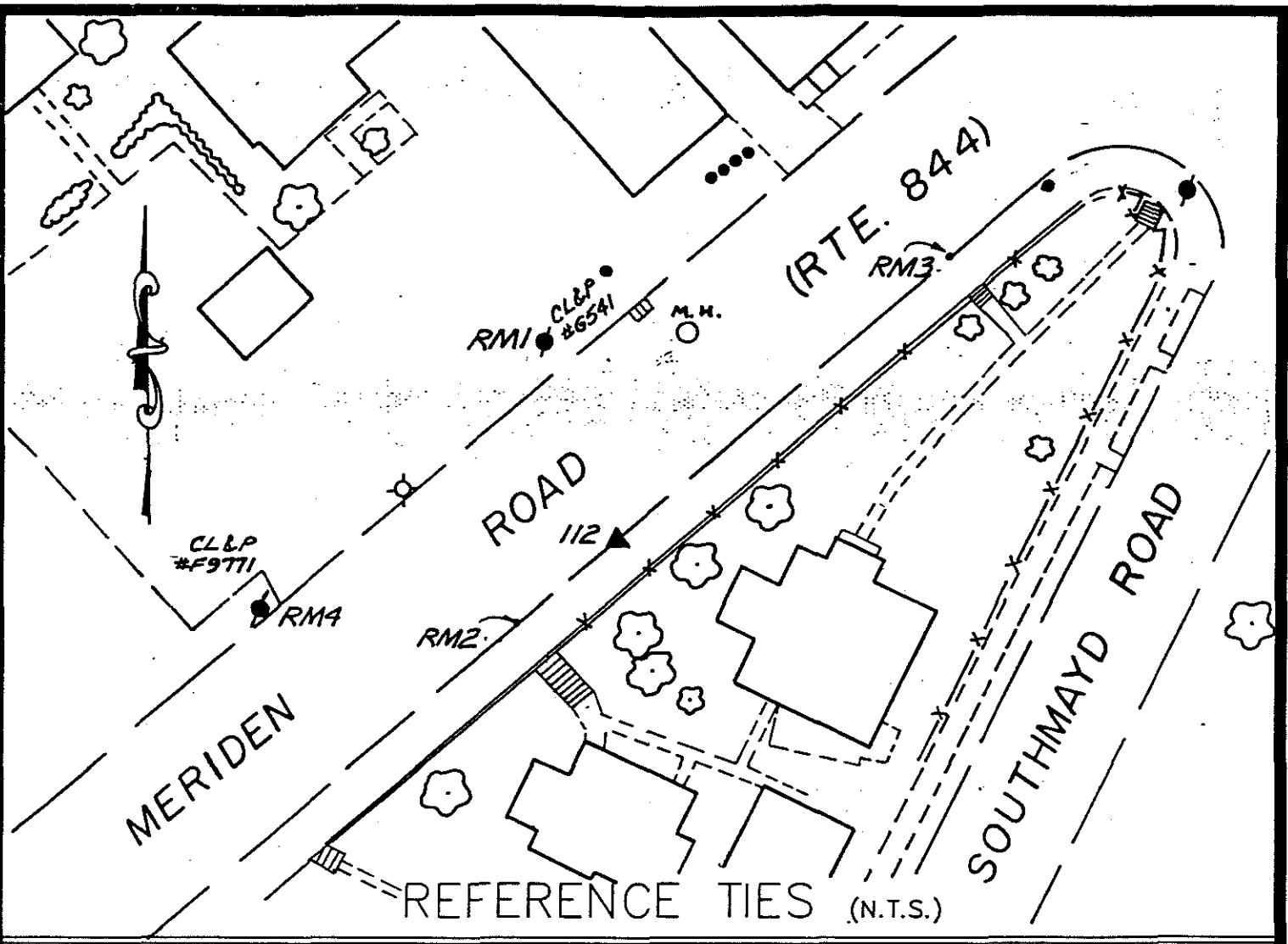
**ELEVATIONS**

\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-111	630.138	0° 00' 00"	46°-57'-59.2"
CP-113	506.232	188°-35'-52.9"	235°-33'-52.1"
RM1	50.71	308°-44'-54"	
RM2	29.18	182°-47'-23"	
RM3	107.20	02°-48'-47"	
RM4	88.09	210°-14'-56"	



COMMENTS

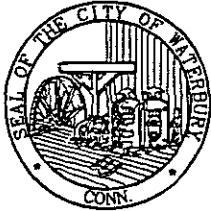
STATION #112: SET BRASS DISK, 12' EAST OF EAST RANGE OF BUILDING #299 ON SOUTH SIDE OF MERIDEN RD.

RM1: NORTH OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE CL&P POLE #G541

RM2: SOUTHWEST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE CENTERLINE OF STAIRS

RM3: NORTHEAST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE CENTERLINE OF STAIRS

RM4: WEST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE CL&P POLE #F9771



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
**LAND SURVEYORS**  
75 KITT'S LANE NEWINGTON, CT (203) 898-0534

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-113

**IN THE TOWN OF  
WATERBURY**

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 761,339.121 FEET

E. 928,781.214 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-01.02975"

LONG. 73°-00'-36.67852"

THETA ANGLE - 0°-10'-21"

**TYPE OF MARKER**  
BRASS DISK

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

**ELEVATIONS**

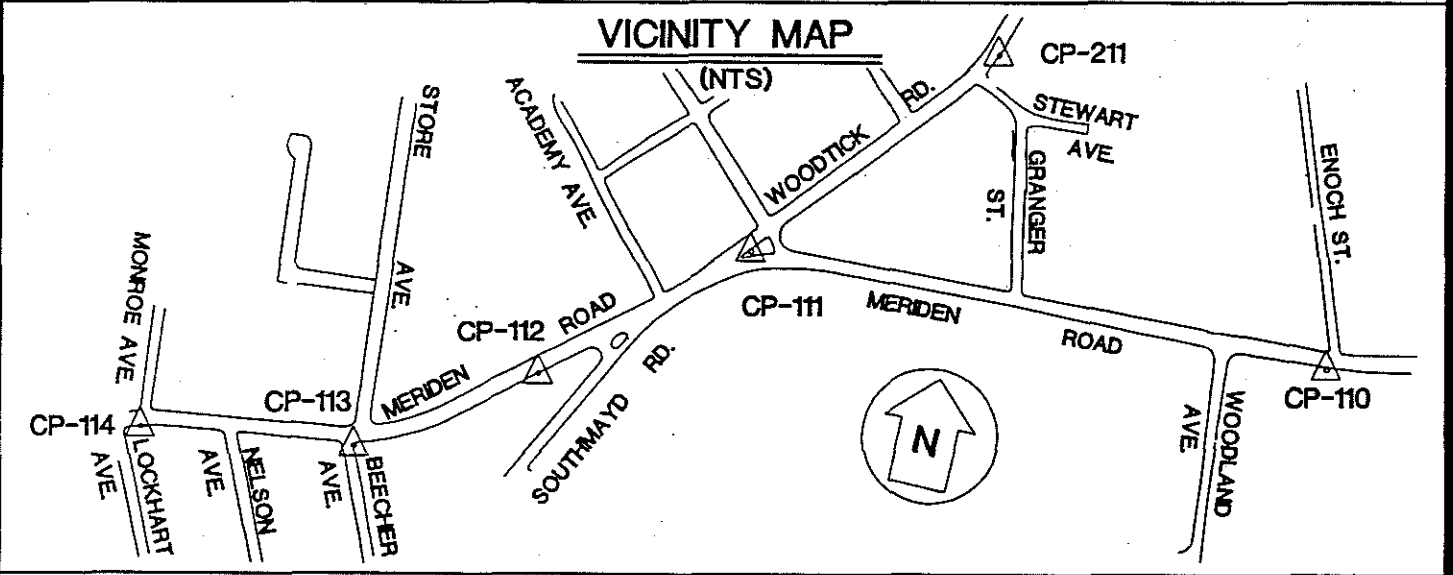
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

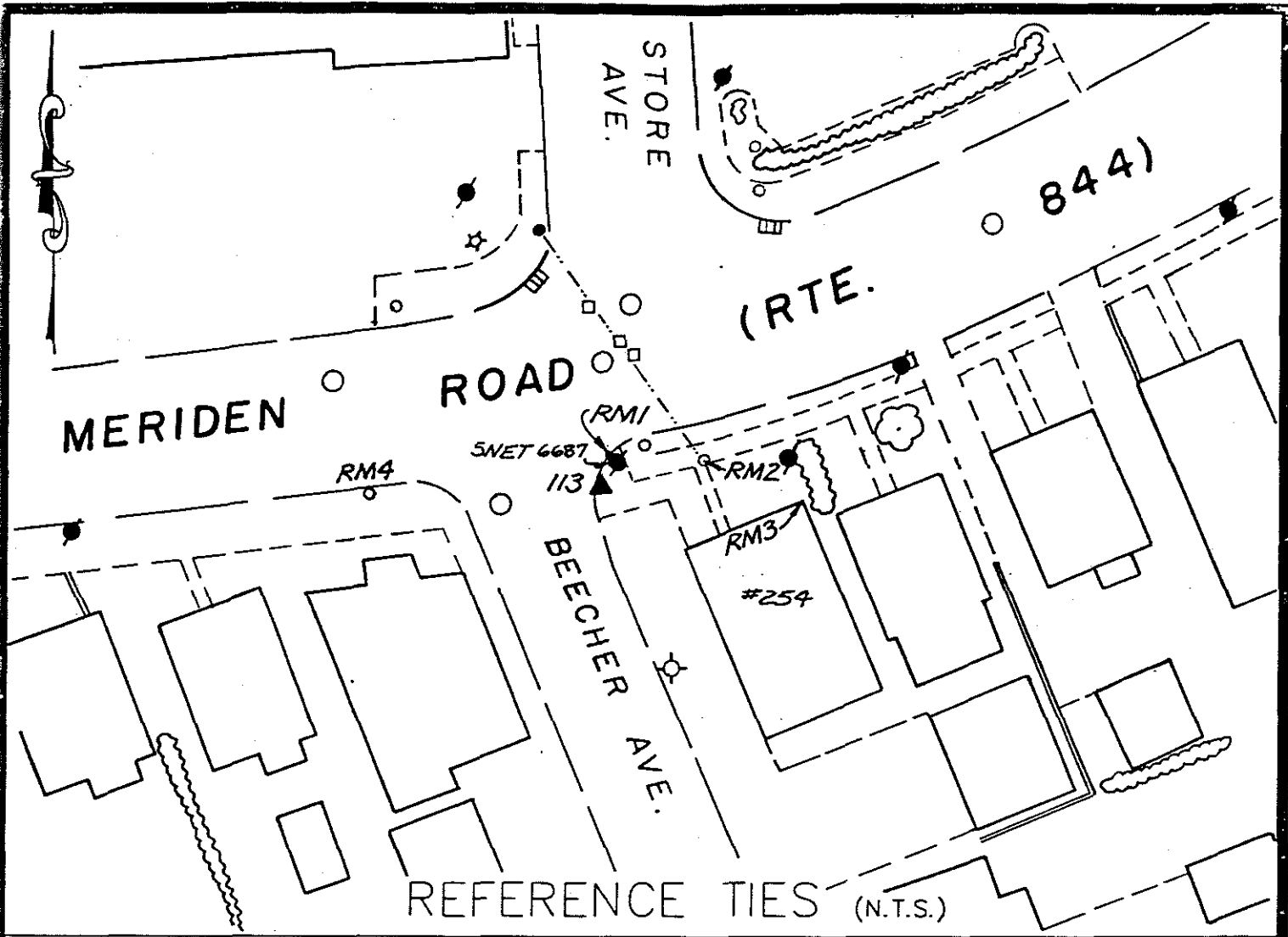
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-112	506.232	0° 00' 00"	55°-33'-52.1"
CP-114	550.102	206°-28'-58.8"	262°-02'-50.9"
RM1	8.35	333°-28'-58"	
RM2	25.22	17°-41'-00"	
RM3	49.90	36°-32'-35"	
RM4	47.13	209°-51'-11"	



COMMENTS

STATION #113: SET BRASS DISK IN TOP OF CURB OF HANDICAP RAMP, EAST SIDE OF BEECHER AVE. AND 14.5'± WEST OF WEST RANGE OF 254 MERIDEN RD.

RM1: NORTH OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE OF SNET CO. POLE #6687

RM2: EAST OF STATION - A 3/8" DRILL HOLE IN THE NORTHWEST CORNER OF A CONCRETE BASE OF A TRAFFIC CONTROL POLE

RM3: SOUTHEAST OF STATION - NORTHEAST CORNER OF A BRICK BUILDING #254, 3' UP FROM A HIGHER WALK

RM4: WEST OF STATION - A 3/8" DRILL HOLE IN THE SOUTHWEST CORNER OF A CONCRETE WALK SIGNAL BASE



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 666-0764

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-114

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 761283.013 FEET  
 E. 928,238.402 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-00.26154"  
 LONG. 73°-00'-43.84087"  
 THETA ANGLE - 0°-10'-25.8"

**TYPE OF MARKER**  
 BRASS DISK

**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

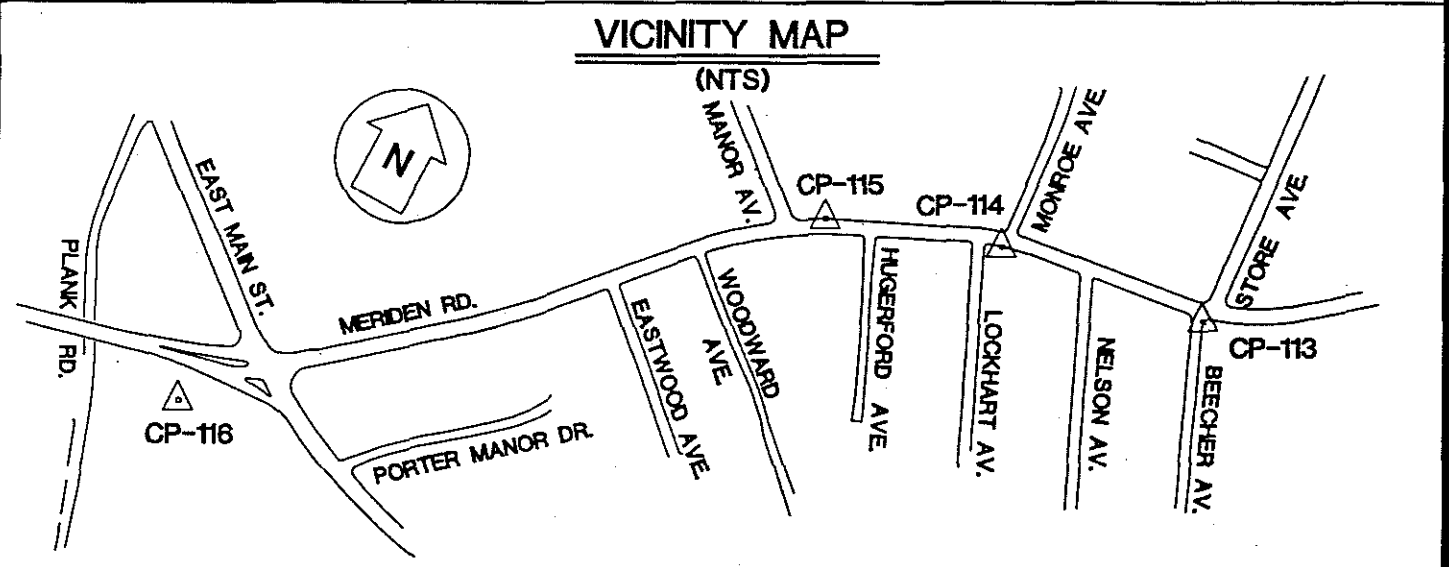
\_\_\_\_\_ FEET  
 (NAVD 88)

DATE \_\_\_\_\_

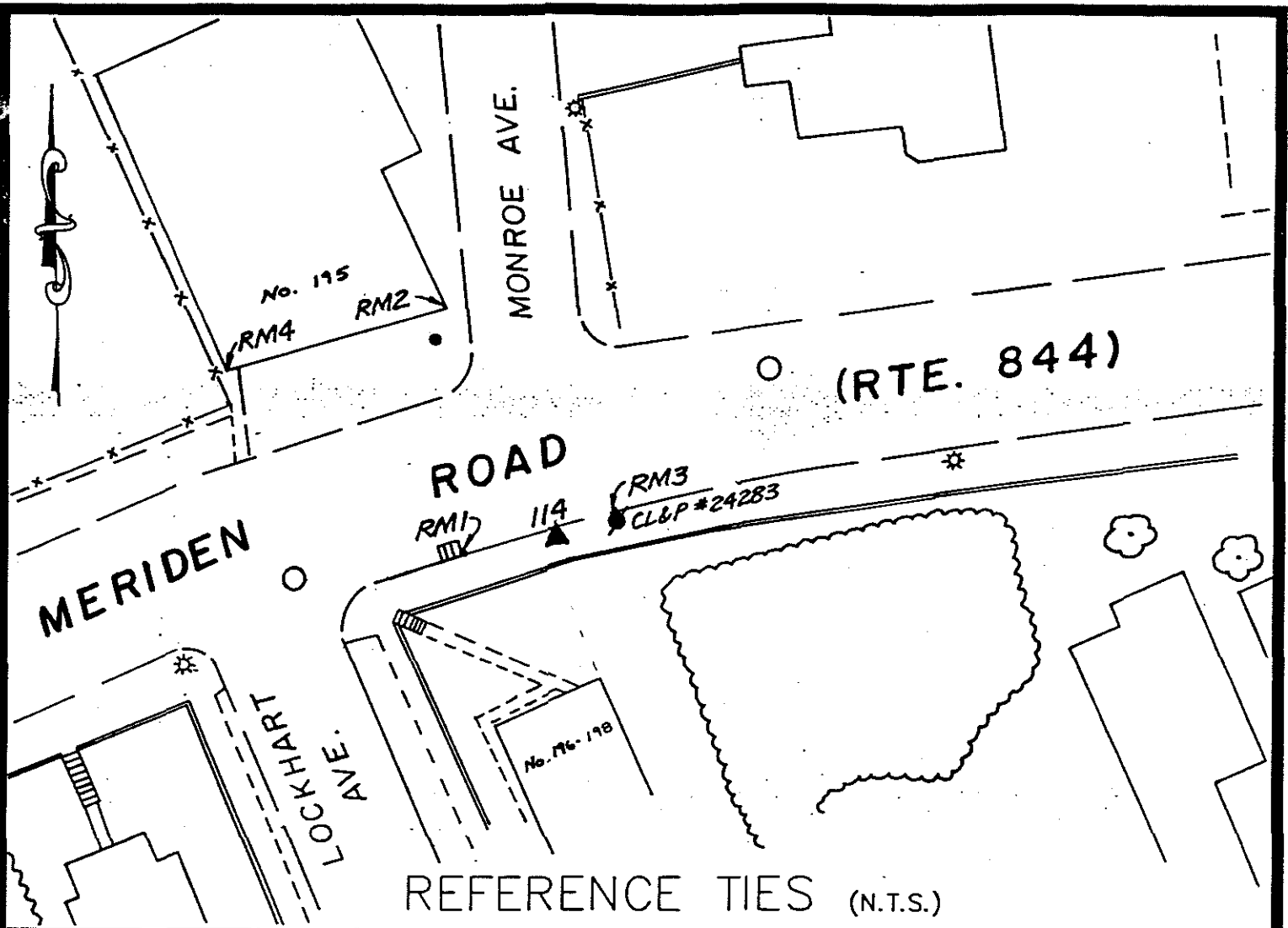
\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-113	550.102	0°-00'-00"	82°-02'-50.9"
CP-115	458.034	168°-45'-20.6"	250°-48'-11.5"
RM1	23.98	170°-26'-49"	
RM2	60.44	260°-42'-56"	
RM3	16.34	352°-18'-08"	
RM4	84.42	219°-55'-51"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #114: A BRASS DISK IN CONCRETE CURB AND OPPOSITE ENTRANCE OF BUILDING #195 ON SOUTH SIDE OF MERIDEN RD.

RM1: WEST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB 1' EAST OF CATCH BASIN

RM2: NORTH OF STATION - SOUTHEAST CORNER OF BUILDING #195, 3' UP (WOOD TRIM)

RM3: EAST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE OF MANHOLE ON SOUTH SIDE OF MERIDEN RD.

RM4: NORTHWEST OF STATION - SOUTHWEST CORNER OF BUILDING #195, 3' UP (WOOD TRIM)





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KITTS LANE NEWINGTON, CT (203) 886-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
E. \_\_\_\_\_ FEET  
DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
LONG. \_\_\_\_\_  
DATE \_\_\_\_\_

**STATION #**

CP-115

IN THE TOWN OF  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 761,112.405 FEET  
E. 927,803.837 FEET  
DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-58.76056"  
LONG. 73°-00'-49.52392"  
THETA ANGLE - 0°-10'-29.6"

**TYPE OF MARKER  
CGS MON.**

ALSO REFERRED TO AS STATION #  
CTGS 910

**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)  
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)  
DATE \_\_\_\_\_

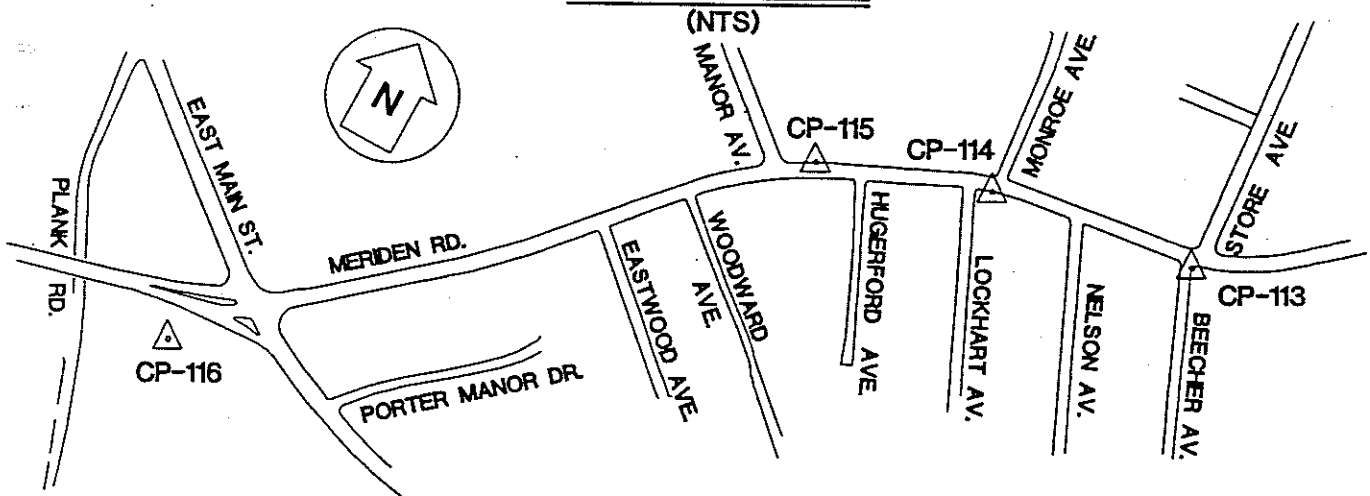
**CONDITION OF STATION**

**BY**

**DATE**

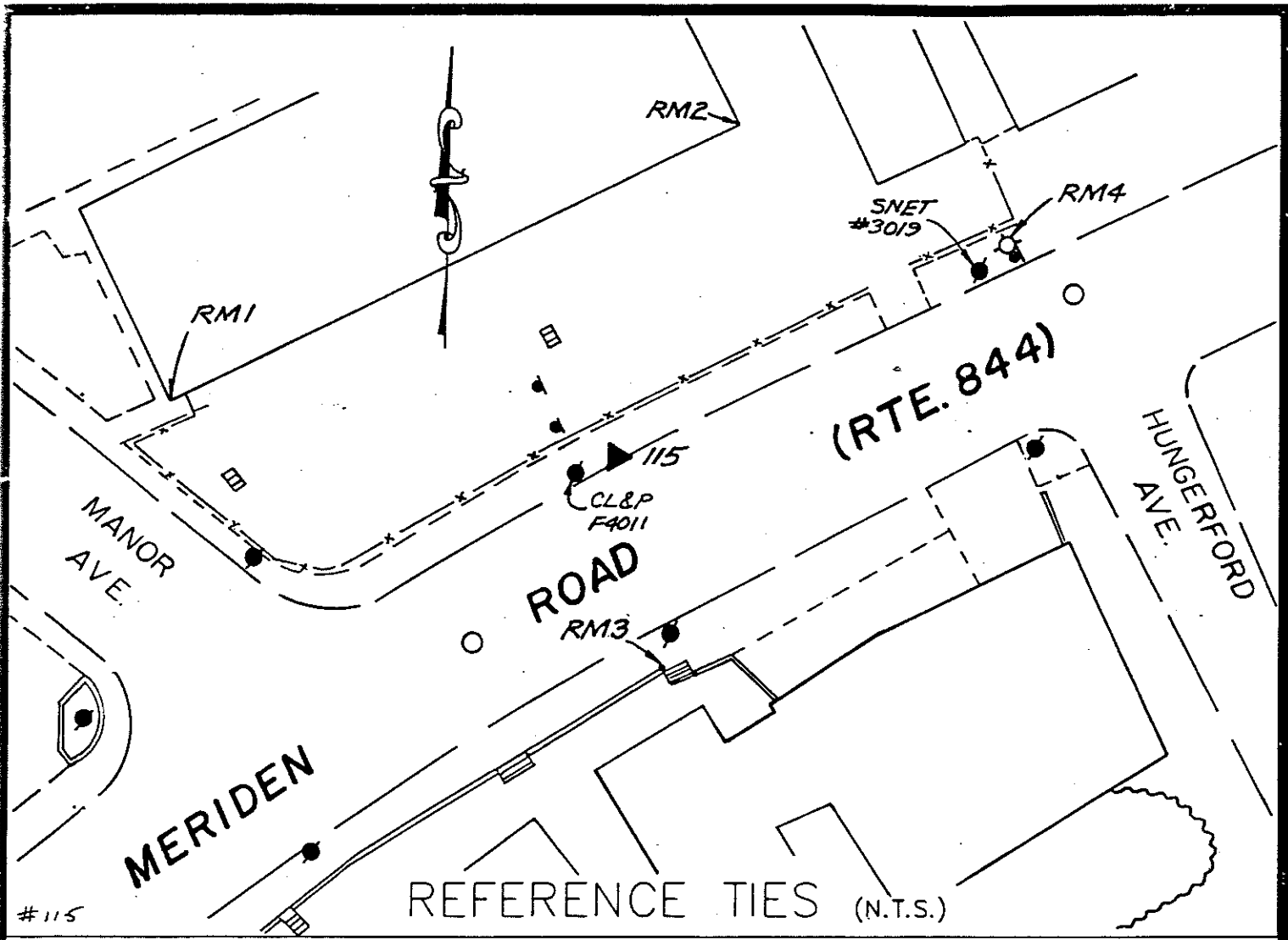
CONDITION OF STATION	BY	DATE

**VICINITY MAP**



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-114	458.034	0°-00'-00"	70°-48'-11.5"
CP-116	1724.800	154°-58'-38.4"	225°-48'-47.9"
RM1	108.55	207°-02'-24"	
RM2	83.66	309°-05'-56"	
RM3	51.24	80°-50'-25"	
RM4	108.67	353°-05'-32"	

SEE REVERSE SIDE FOR REFERENCE TIES



COMMENTS

STATION #115: STATION MARK IS U.S.C. AND G.S. STATE SURVEY BRONZE DISK STAMPED 910, SET IN THE TOP OF A REINFORCED CONCRETE POST, THE TOP IS 1" BELOW SURFACE OF CONCRETE SIDEWALK. THE STATION IS ON THE NORTH SIDE OF MERIDEN RD., 55.0' EAST OF ITS INTERSECTION WITH MANOR AVE. IT IS 1" BELOW SURFACE OF CONCRETE, 10.5' EAST OF CL&P POLE #F4011, 1.1' NORTH OF THE CURB.

RM1: NORTHWEST OF STATION - THE SOUTHWEST CORNER OF THE RITE AID PHARMACY BUILDING ON THE EAST SIDE OF MANOR AVE.

RM2: NORTH OF STATION - THE SOUTHEAST CORNER OF THE RITE AID PHARMACY BUILDING.

RM3: SOUTH OF STATION - THE NORTHEAST CORNER OF THE CONCRETE RETAINING WALL ON THE SIDE OF THE STEPS, ON THE SOUTH SIDE OF MERIDEN RD.

RM4: EAST OF STATION - TOP OF FIRE HYDRANT ON NORTH SIDE OF ROAD AND 12' EAST OF SNET CO. POLE #3019



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 868-0234

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-116

IN THE TOWN OF  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 759,909.503 FEET

E. 926,567.730 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-48.83853"

LONG. 73°-01'-05.73199"

THETA ANGLE - 0°-10'-40.3"

**TYPE OF MARKER**  
CGS MON.

**ALSO REFERRED TO AS STATION #**  
CTGS 909X

**ELEVATIONS**

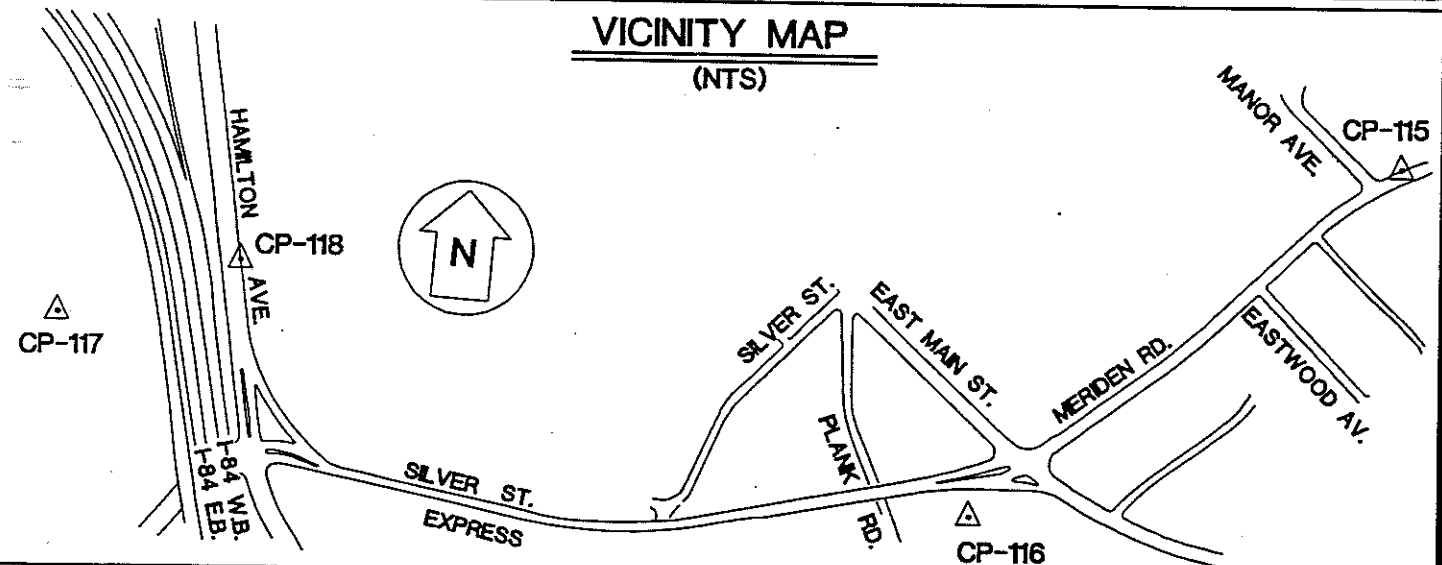
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

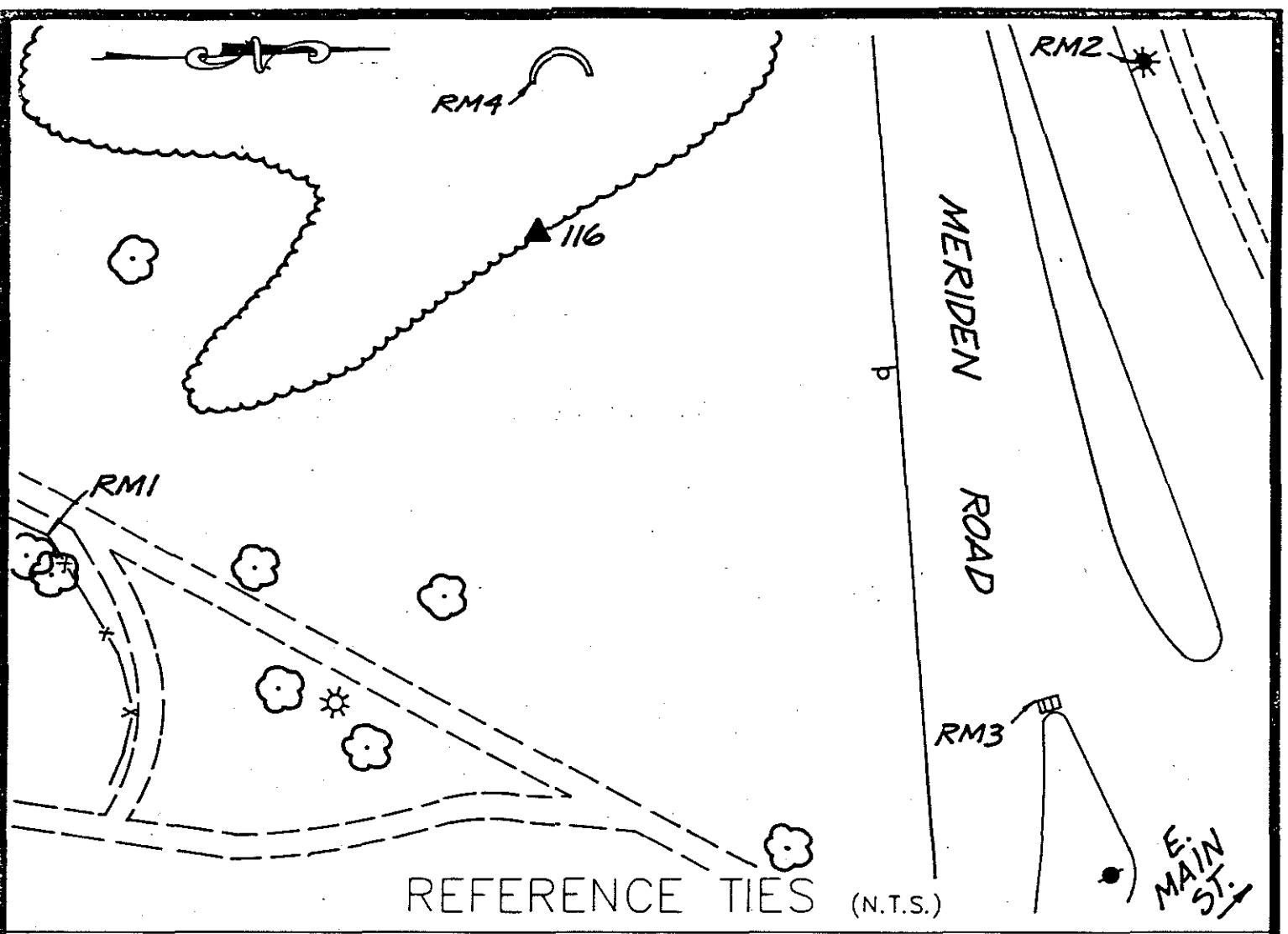
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-115	1724.800'	0°-00'-00"	45°-48'-47.8"
CP-117	2900.481	231°-17'-26.7"	277°-04'-14.7"
RM1	137.40	100°-07'-10"	
RM2	153.12	300°-48'-30"	
RM3	171.71	357°-06'-50"	
RM4	35.63	223°-57'-54"	



COMMENTS

STATION #116: STATION MARK IS U.S.C. AND G.S. STATE SURVEY BRONZE DISK STAMPED 909X, SET IN THE TOP OF A REINFORCED CONCRETE POST, THE TOP FLUSH WITH THE GROUND, IN HAMILTON PARK NEAR INTERSECTION OF EAST MAIN STREET, MERIDEN ROAD, AND THE SILVER STREET CUTOFF.

RM1: SOUTHEAST OF STATION - CENTER OF TOP OF CORNER FENCE POST NEAR ENTRANCE TO SWIMMING POOL.

RM2: NORTH OF STATION - CENTER OF STEEL LIGHT POLE 1' ABOVE GROUND ON NORTHWESTERLY SIDE OF SILVER STREET CUTOFF ABOUT 220' FROM INTERSECTION.

RM3: NORTHEAST OF STATION - SOUTH CORNER OF METAL CATCH BASIN.

RM4: WEST OF STATION - A DRILL HOLE IN NORTHEASTERLY CORNER OF STONE WALL.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 76 KITTS LANE NEWINGTON, CT (203) 668-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-117

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 760,266.537 FEET  
 E. 923,889.307 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-50.27594"  
 LONG. 73°-01'-43.80198"  
 THETA ANGLE - 0°-11'-05.4"

**TYPE OF MARKER**  
 STEEL SHANK W/DRILL HOLE

**ALSO REFERRED TO AS STATION #**  
 ABROGATOR

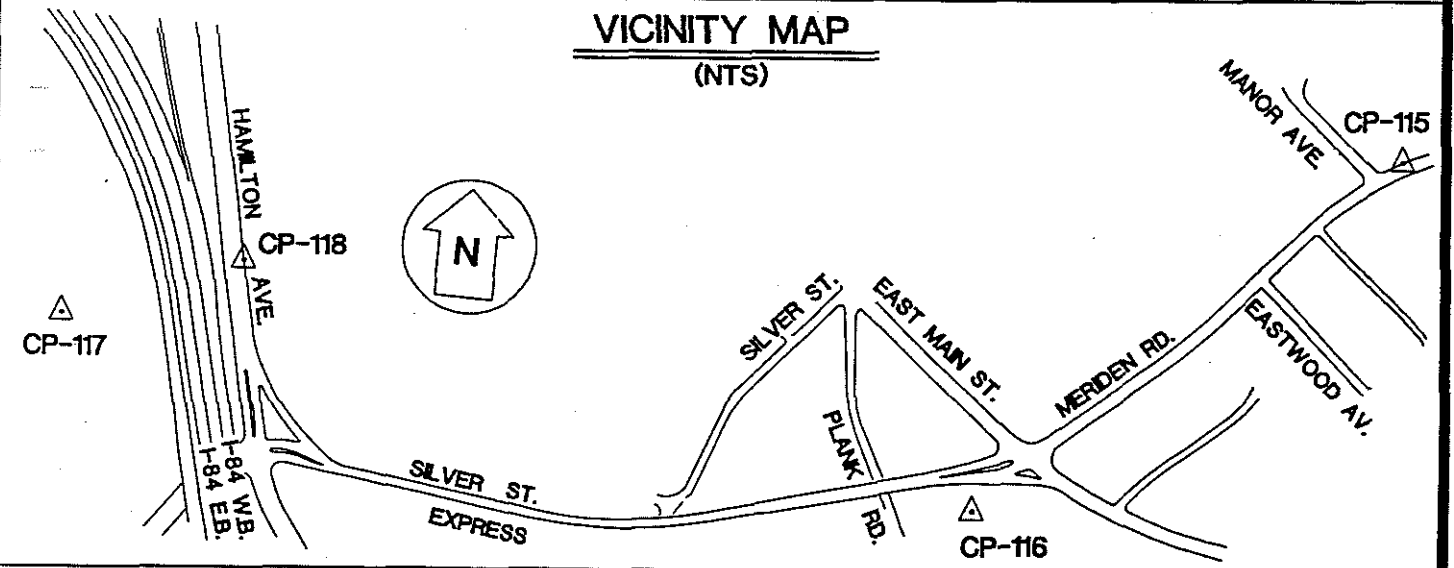
**ELEVATIONS**

\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE

**VICINITY MAP  
(NTS)**




OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-116	2900.481	0°-00'-00"	97°-04'-14.7"
CP-118	597.650	331°-53'-37.7"	68°-57'-52.3"
CP-616	2025.798	38°-45'-48.6"	135°-50'-03.3"
VIVIAN DR. TANK	13677.455	11°-23'-32.6"	108°-27'-47.3"
WATERBURY	9192.897	284°-44'-03.9"	21°-48'-18.6"
OAKCLIFF	8919.012	220°-40'-57.7"	317°-45'-12.4"
RM1	16.44	284°-44'-04"	
RM2	16.88	142°-20'-54"	
RM3	15.99	202°-41'-04"	
RM4	12.95	85°-04'-29"	

RM3   
D.H.

 RM1  
D.H.

117  
  
ABROGATOR

 RM4  
D.H.

RM2   
D.H.



## REFERENCE TIES (N.T.S.)

### COMMENTS

STATION #117: STATION MARK IS A SHANK ONLY WITH A DRILL HOLE IN THE CENTER, SET INTO ROCK OUTCROP. STATION IS ABOUT 1.0 MILE SOUTHEAST OF THE WATERBURY GREEN. IT IS IN THE TOP OF THE NORTHERLY PART OF THE EASTERLY SECTION OF PINE HILL, ABOUT 1000' NORTH-NORTHWEST OF WASHINGTON STREET. IT IS LOCATED 38' EAST FROM A PATH.

RM1: NORTHEAST OF STATION - 1/4" DRILL HOLE IN LEDGE ON LINE TO THE WATERBURY MUNICIPAL WATER TANK

RM2: SOUTHWEST OF STATION - 1/4" DRILL HOLE IN LEDGE ON LINE TO A CHURCH IN THE TOWN PLOT SECTION OF WATERBURY

RM3: NORTHWEST OF STATION - 1/4" DRILL HOLE IN LEDGE ON LINE TO THE WATERBURY RAILROAD STATION TOWER

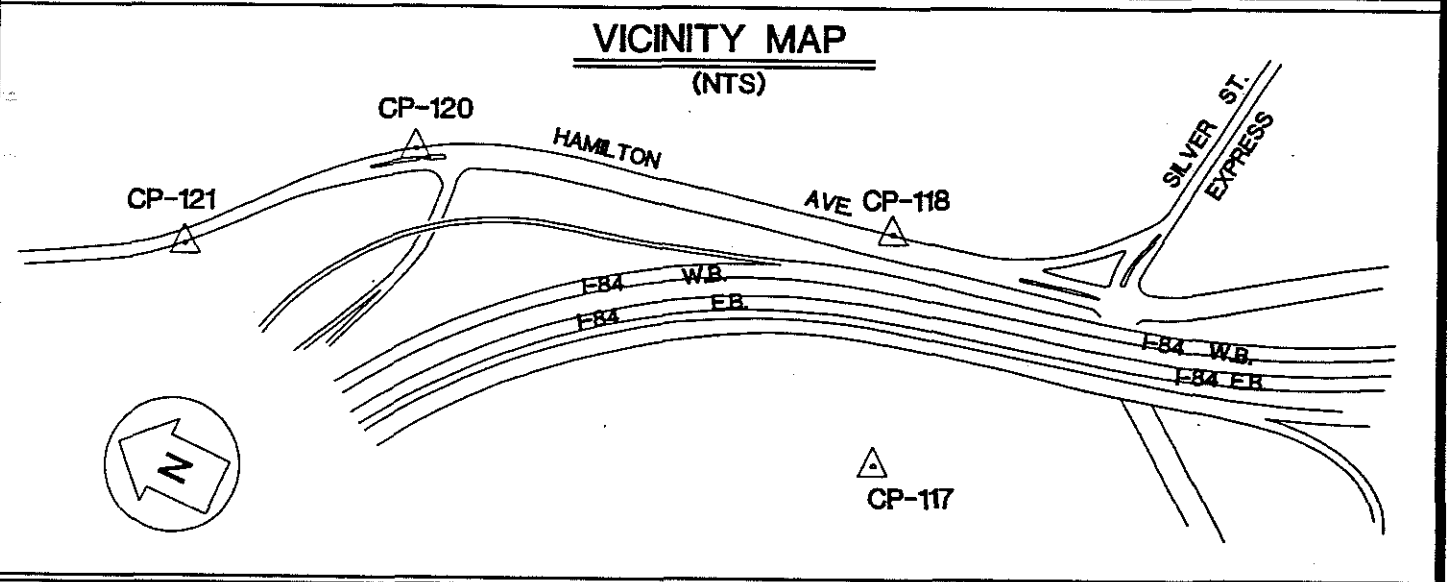
RM4: EAST OF STATION - 5/8" DRILL HOLE IN LEDGE



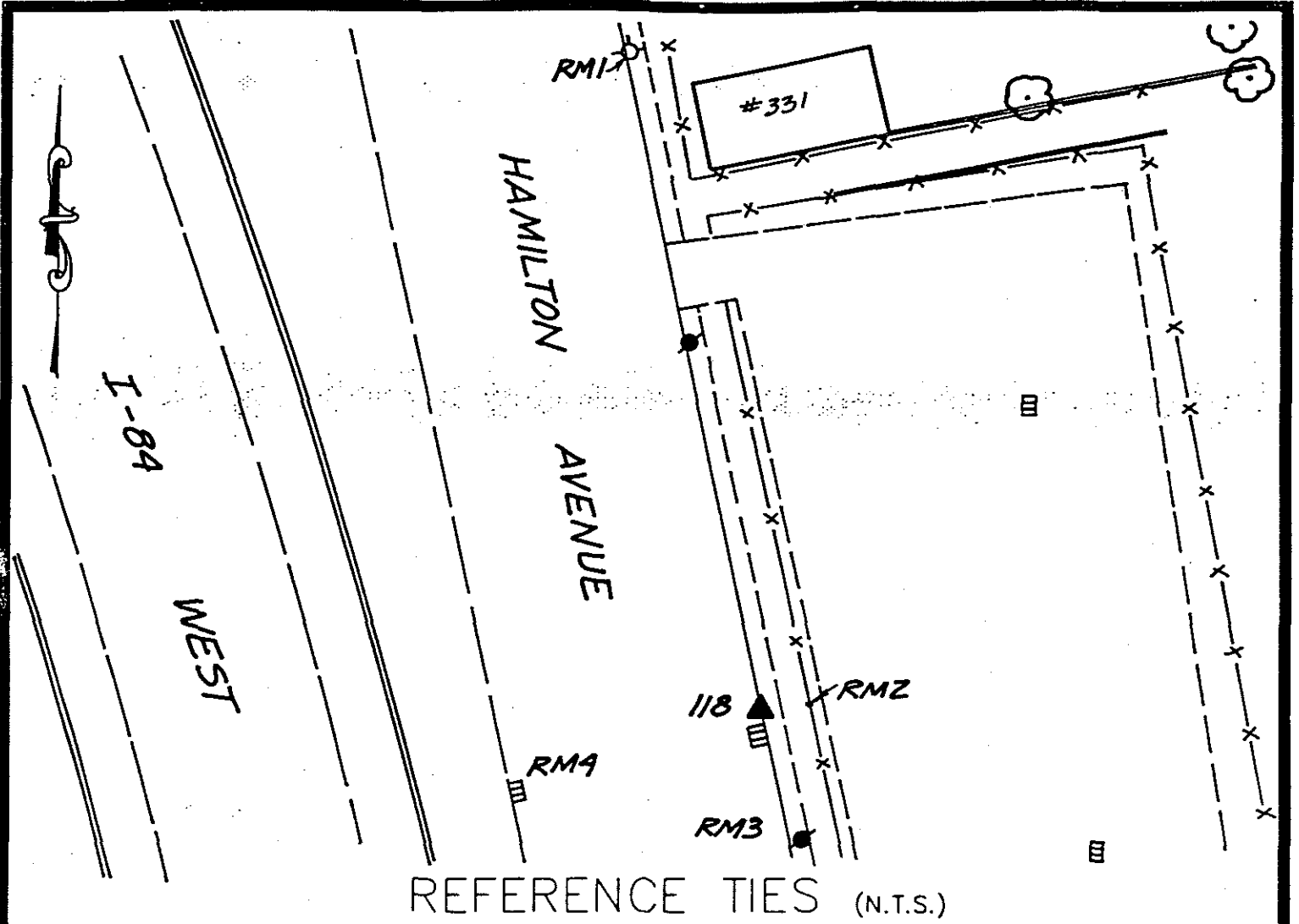
# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 78 KITTS LANE NEWINGTON, CT (203) 866-0134

<b>STATE PLANE COORDS (NAD '83 PRELIMINARY)</b> N. _____ FEET E. _____ FEET DATE _____	<b>GEOGRAPHIC POSITION (NAD '83 PRELIMINARY)</b> LAT. _____ LONG. _____ DATE _____	<b>STATION #</b> CP-118  <b>IN THE TOWN OF</b> WATERBURY																		
<b>STATE PLANE COORDS (NAD '83 FINAL)</b> N. 760,481.061 FEET E. 924,247.129 FEET DATE 6 - 15 - 93	<b>GEOGRAPHIC POSITION (NAD '83 FINAL)</b> LAT. 41°-32'-52.4131" LONG. 73°-01'-36.27484" THETA ANGLE - 0°-11'-00.8"	<b>TYPE OF MARKER</b> DRILL HOLE  <b>ALSO REFERRED TO AS STATION #</b> _____																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">CONDITION OF STATION</th> <th style="width: 15%;">BY</th> <th style="width: 35%;">DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>		CONDITION OF STATION	BY	DATE																<b>ELEVATIONS</b> _____ FEET (NAVD 88) DATE _____  _____ FEET (CITY OF WATERBURY DATUM) DATE _____
CONDITION OF STATION	BY	DATE																		



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-117	597.650'	0°-00'-00"	248°-57'-52.3"
CP-120	1252.170	95°-24'-43.9"	344°-22'-36.2"
RM1	162.40	98°-52'-10"	
RM2	11.78	189°-44'-35"	
RM3	31.81	276°-34'-47"	
RM4	62.81	04°-31'-36"	



COMMENTS

STATION #118: DRILL HOLE IN CURB ON EAST SIDE OF HAMILTON AVE., 140' SOUTH OF SOUTHWEST CORNER OF HOUSE #331 AND 10' WEST OF 6' CHAIN LINK FENCE

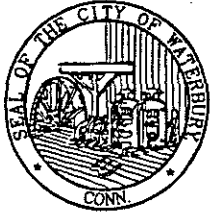
RM1: NORTH OF STATION - CHISEL "X" ON HYDRANT ON EAST SIDE OF HAMILTON AVE.

RM2: EAST OF STATION - CHISEL "X" ON FENCE POST ON EAST SIDE OF HAMILTON AVE.

RM3: SOUTH OF STATION - PK NAIL IN POLE CL&P G2009

RM4: WEST OF STATION - CHISEL "X" ON CATCH BASIN ON WEST SIDE OF HAMILTON AVE.





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT 06033 866-0734

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-120

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 761,686.967 FEET  
 E. 923,908.906 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-04.31652"  
 LONG. 73°-01'-40.76087"  
 THETA ANGLE - 0°-11'-03.6"

**TYPE OF MARKER**  
 BRASS DISK

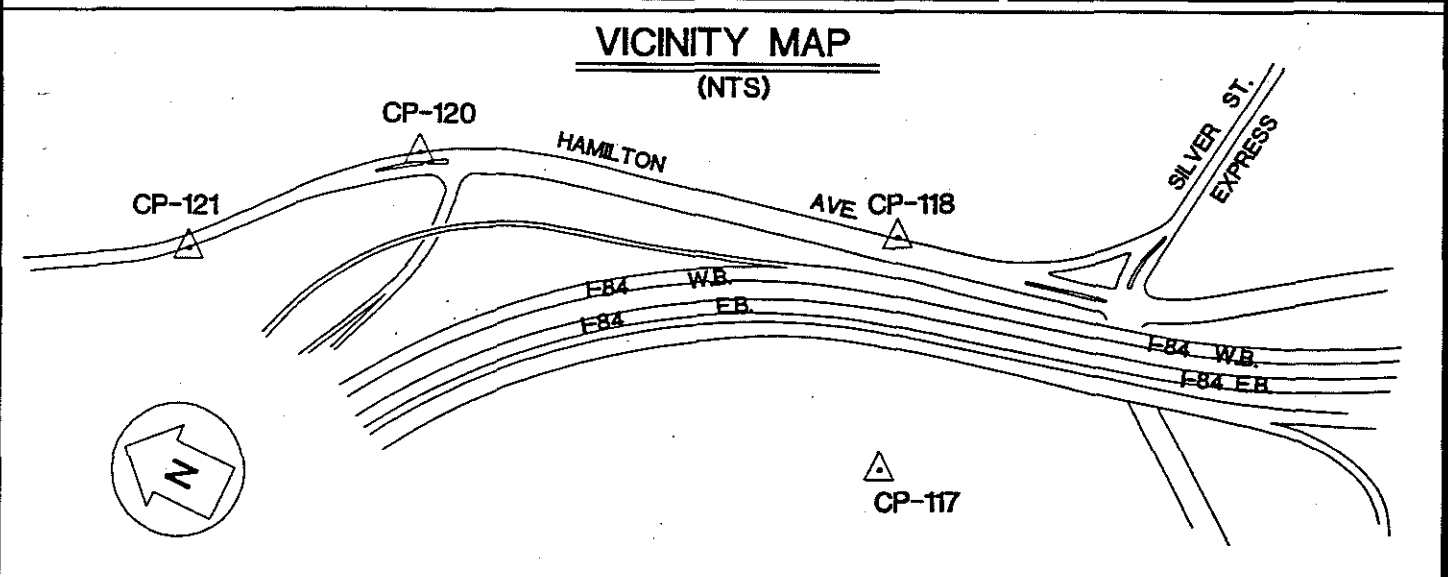
**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

CONDITION OF STATION	BY	DATE

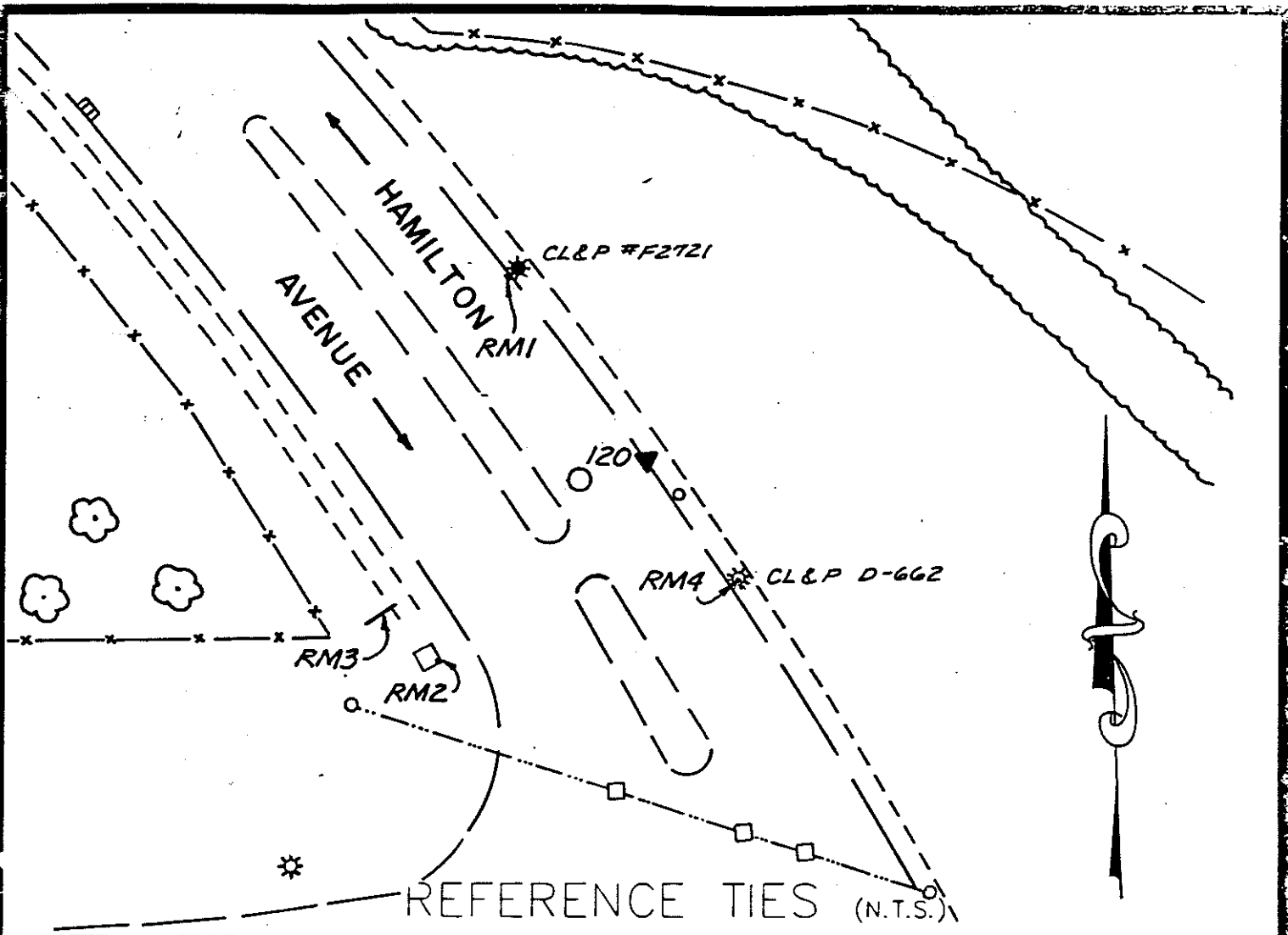
**ELEVATIONS**

\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-118	1252.170	0°-00'-00"	164°-22'-36.2"
CP-121	641.473	147°-17'-09.8"	311°-39'-46.1"
RM1	55.22	161°-21'-19"	
RM2	71.50	63°-45'-43"	
RM3	71.40	76°-22'-47"	
RM4	37.18	338°-43'-27"	



COMMENTS

STATION #120: SET BRASS DISK IN GRANITE CURB, 12' NORTH OF WALK SIGNAL POST ON EAST SIDE OF HAMILTON AVE.

RM1: NORTHWEST OF STATION - A 3/8" DRILL HOLE IN GRANITE CURB OPPOSITE CL&P #F2721

RM2: SOUTHWEST OF STATION - A 3/8" DRILL HOLE IN THE SOUTHEAST CORNER OF A CONCRETE BASE OF A TRAFFIC CONTROL BOX

RM3: SOUTHWEST OF STATION - A 3/8" DRILL HOLE IN THE CONCRETE BASE OF RTE. #8 WEST SIGN

RM4: SOUTHEAST OF STATION - A 3/8" DRILL HOLE IN THE CENTERLINE OF THE CONCRETE WALK EAST OF CL&P #D-662



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITS LANE NEWINGTON CT (203) 696-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-121

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 762,113.383 FEET  
 E. 923,430.681 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-08.51414"  
 LONG. 73°-01'-47.08190"  
 THETA ANGLE - 0°-11'-07.8"

**TYPE OF MARKER**  
 BRASS DISK

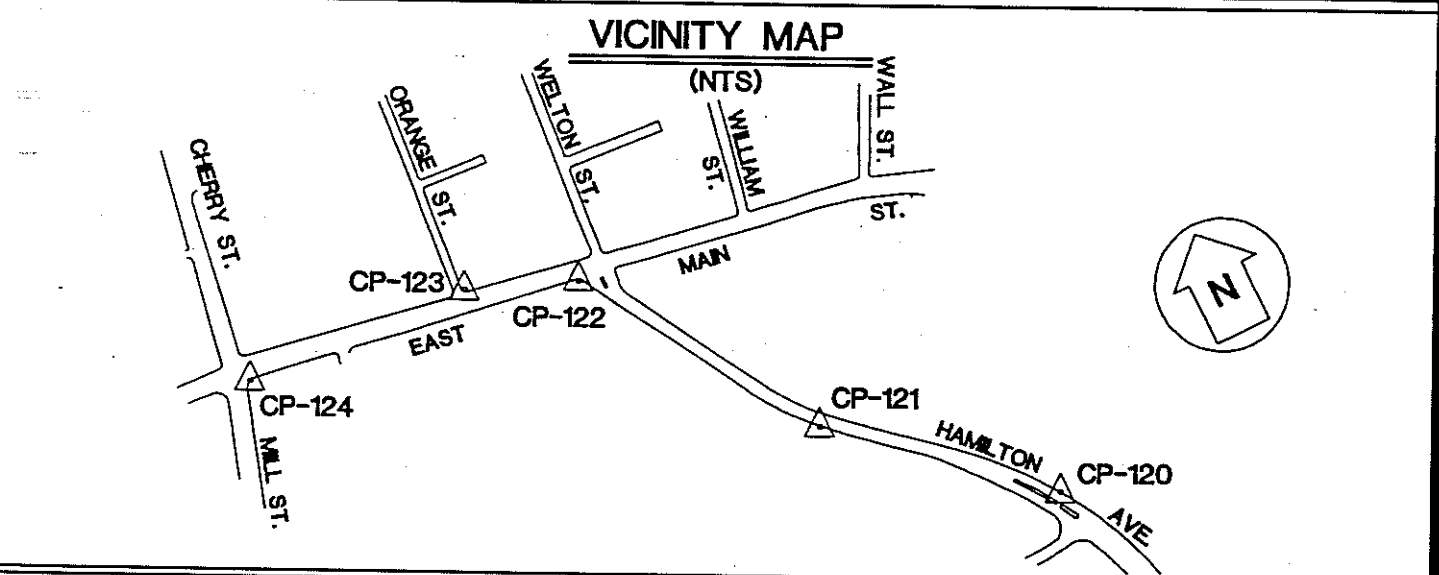
**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

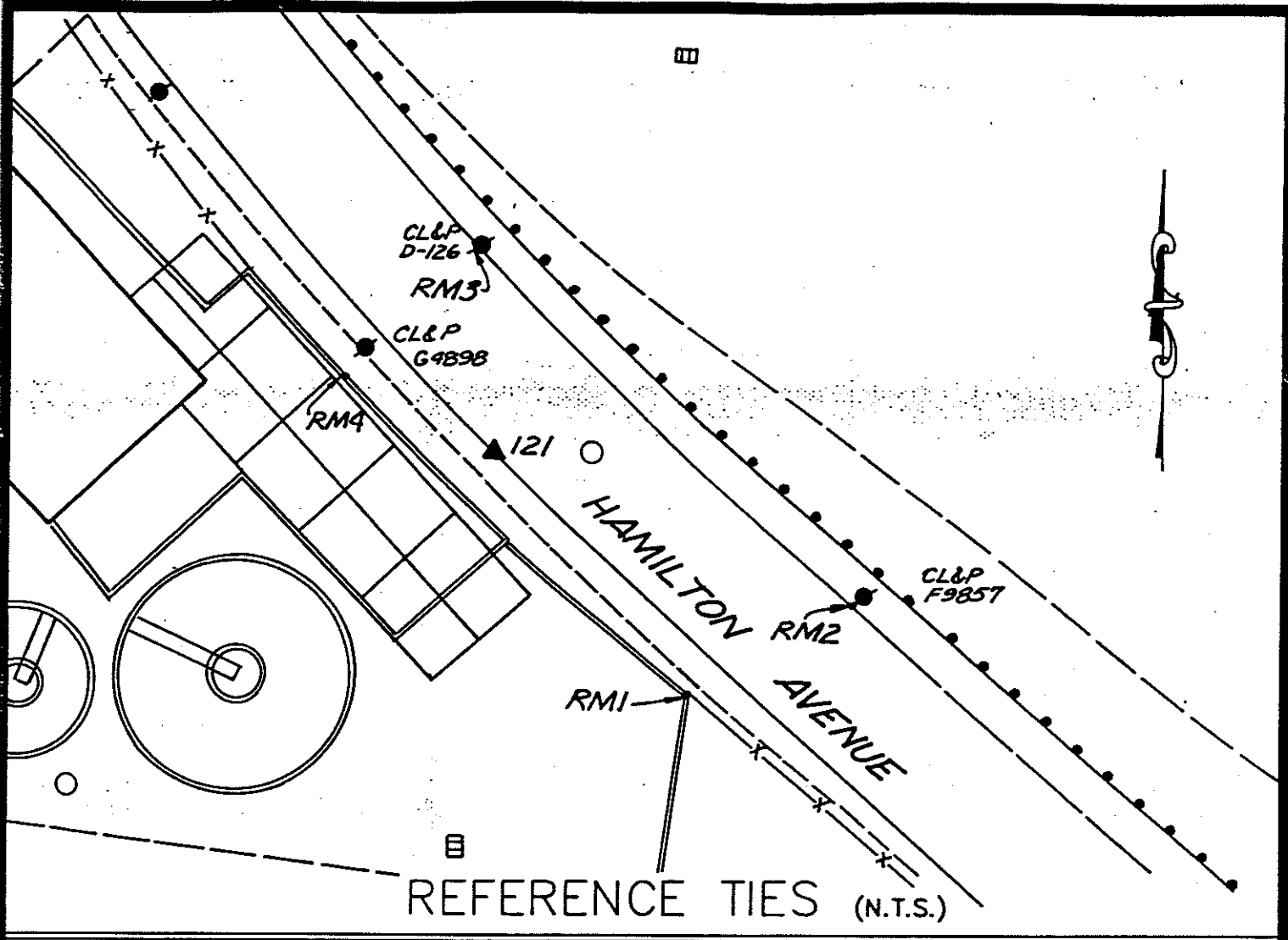
\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-120	641.473	0°-00'-00"	131°-39'-46.7
CP-122	726.139	195°-43'-34.3"	327°-23'-20.3"
RM1	74.31	06°-29'-37"	
RM2	98.92	339°-12'-38"	
RM3	52.06	225°-08'-12"	
RM4	40.11	171°-26'-42"	

SEE REVERSE SIDE FOR REFERENCE TIES



**COMMENTS**

**STATION #121: SET BRASS DISK IN CONCRETE CURB, WEST SIDE OF HAMILTON AVE., 76' NORTH OF SOUTH END OF BRICK WALL**

**RM1: SOUTH OF STATION - A 3/8" DRILL HOLE IN BRICK WALL FOUNDATION AT SOUTH END OF WALL**

**RM2: SOUTHEAST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE OF CL&P #F9857**

**RM3: NORTH OF STATION - A 3/8" DRILL HOLE IN A CONCRETE CURB, 2' NORTH OF CL&P #D-126**

**RM4: NORTHWEST OF STATION - A 3/8" DRILL HOLE IN A BRICK WALL FOUNDATION OPPOSITE OF CL&P #G4898**



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 666-0734

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-122

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 762,725.045 FEET  
 E. 923,039.341 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-14.54468"  
 LONG. 73°-01'-52.25515"  
 THETA ANGLE - 0°-11'-11.2"

**TYPE OF MARKER**  
 GRANITE CITY MON.

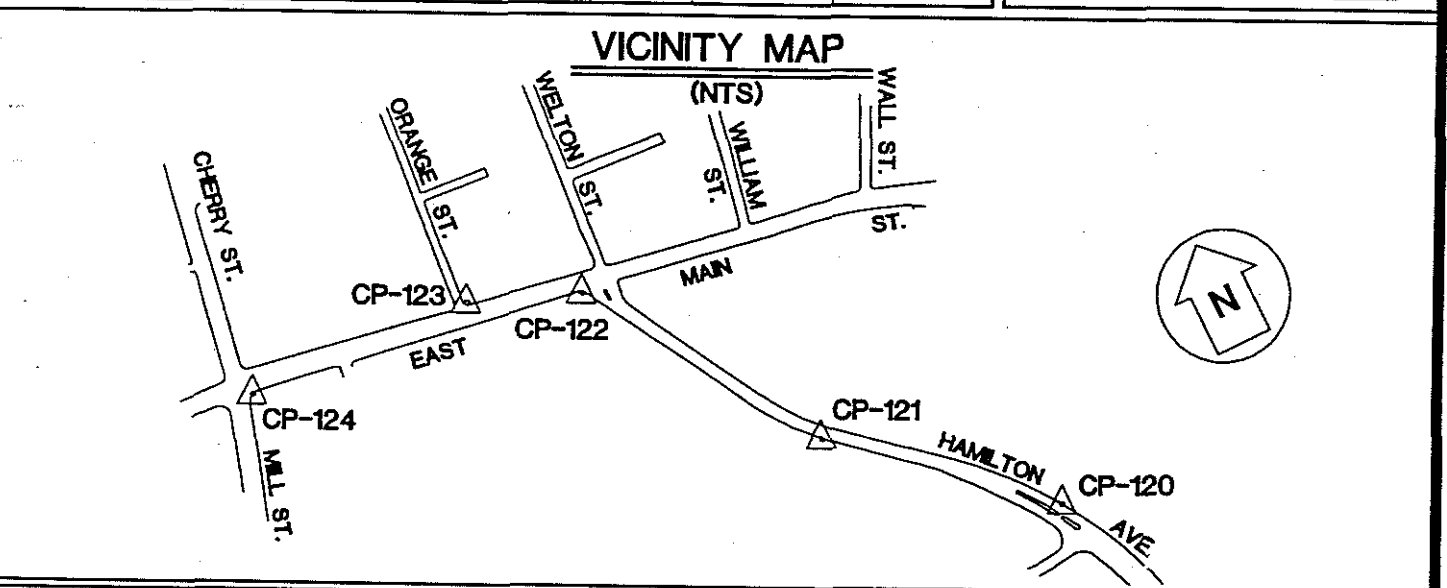
**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

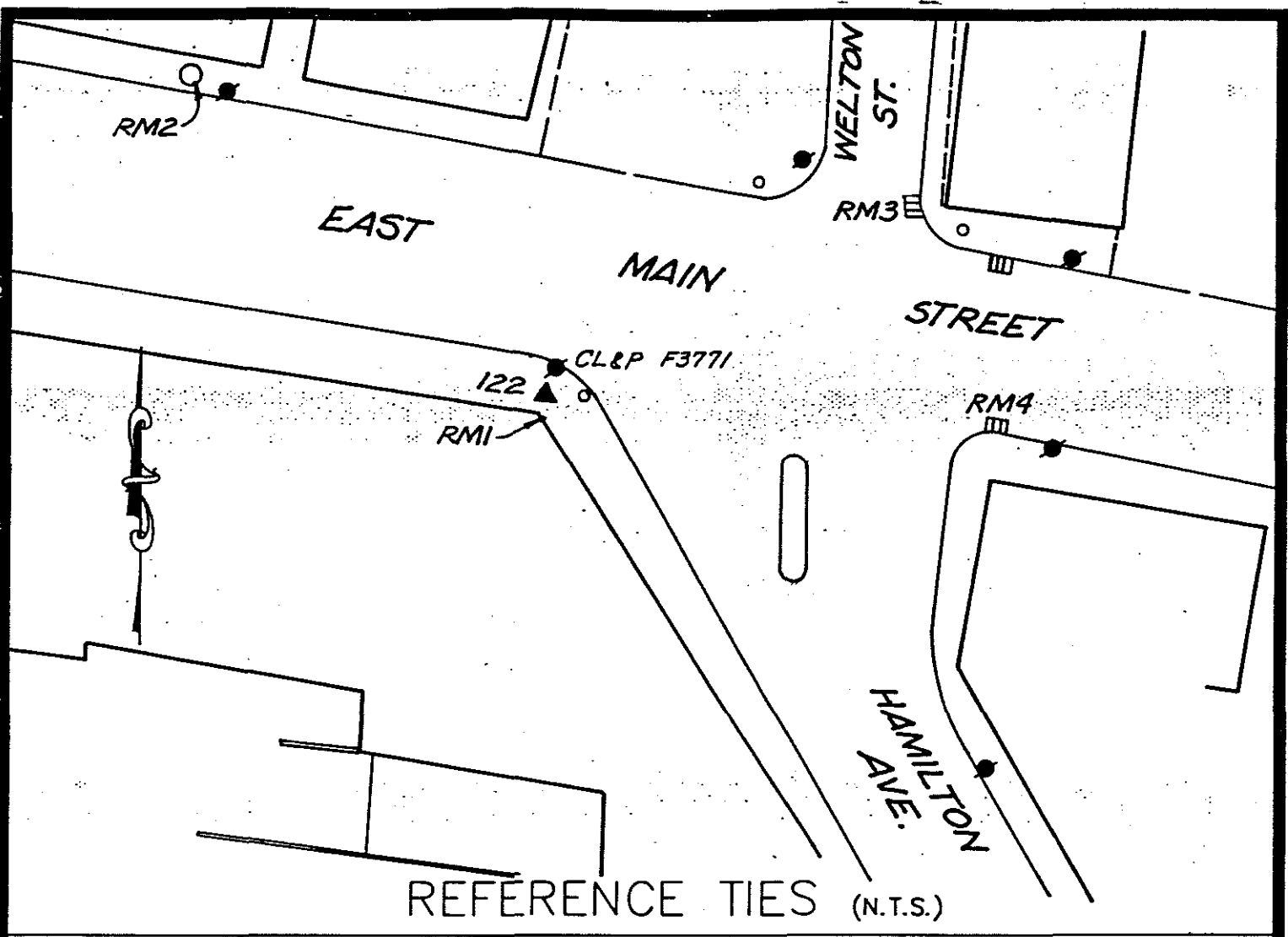
\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-121	726.139	0°-00'-00"	147°-23'-20.3"
CP-123	295.207	144°-28'-14.7"	291°-51'-35.0"
RM1	4.97	40°-27'-17"	
RM2	116.73	180°-27'-08"	
RM3	97.78	274°-18'-12"	
RM4	109.09	309°-15'-29"	



REFERENCE TIES (N.T.S.)

COMMENTS

- STATION #122:** A WATERBURY CITY GRANITE STREET LINE MONUMENT LOCATED AT THE SOUTH-WESTERLY CORNER OF EAST MAIN ST. AND HAMILTON AVE.; 2" BELOW BIT. SIDEWALK SURFACE, 3.46' NORTHEAST OF A CONCRETE FOUNDATION FOR A BRICK WALL AND 4' SOUTH OF CL&P POLE #F3771
- RM1:** SOUTH OF STATION - A DRILL HOLE IN THE CONCRETE FOUNDATION OF BRICK WALL
- RM2:** NORTHWEST OF STATION - A CHISEL CROSS ON THE SOUTHEASTERLY PART OF A BELL SYSTEM MANHOLE RIM
- RM3:** NORTHEAST OF STATION - A CHISEL CROSS MARK ON THE METAL CURB OF A CATCH BASIN
- RM4:** EAST OF STATION - A PUNCH AND FLARE MARK ON THE METAL CURB OF CATCH BASIN



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 668-0734

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-123

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 782,834.961 FEET

E. 922,765.360 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-15.62180"

LONG. 73°-01'-55.86350"

THETA ANGLE - 0°-11'-13.6"

**TYPE OF MARKER**  
CGS MON.

**ALSO REFERRED TO AS STATION #**  
CTGS 3132X

CONDITION OF STATION	BY	DATE

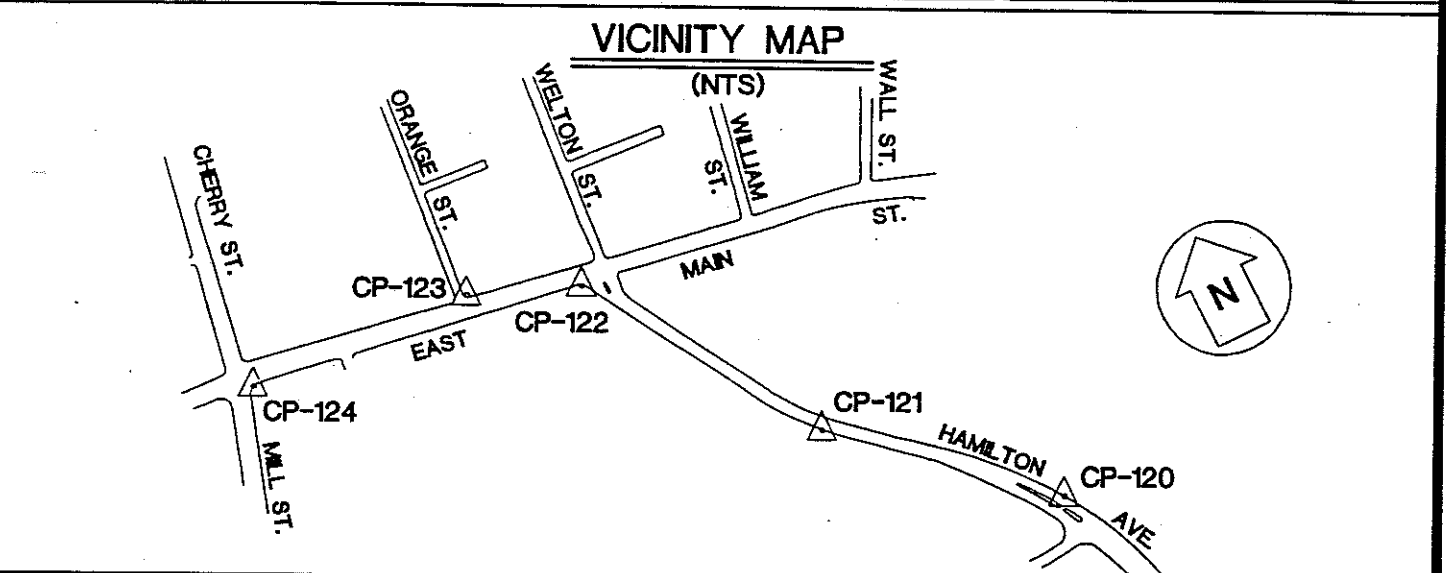
**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

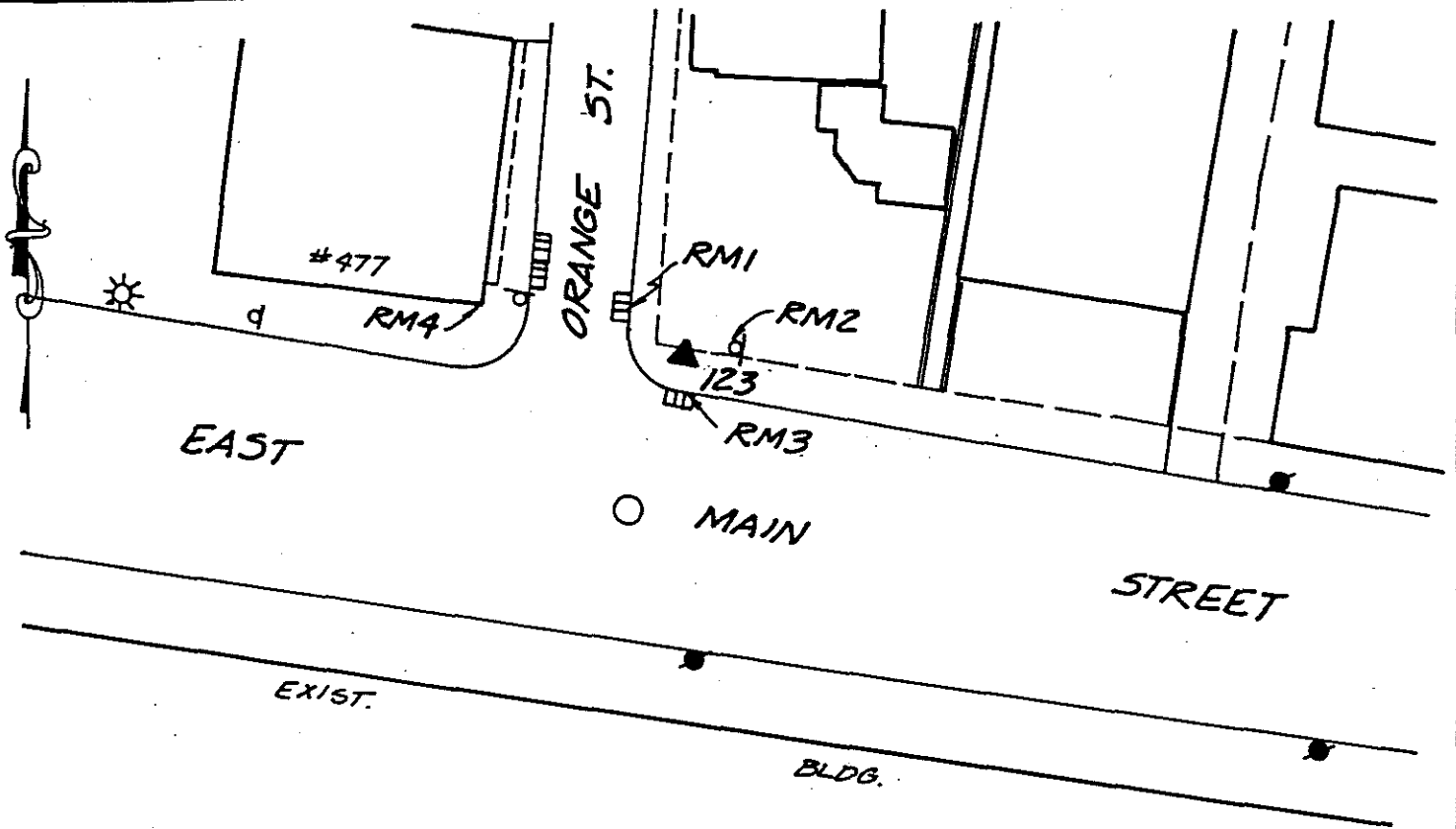
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-122	295.207	0°-00'-00"	111°-51'-35.0"
CP-124	594.105	161°-16'-54.3"	273°-08'-29.3"
RM1	11.64	204°-39'-01"	
RM2	14.68	337°-32'-46"	
RM3	7.80	49°-52'-28"	
RM4	39.90	176°-08'-49"	

SEE REVERSE SIDE FOR REFERENCE TIES



## REFERENCE TIES (N.T.S.)

### COMMENTS

**STATION #123:** STATION MARK IS A U.S. COAST AND GEODETIC SURVEY BRONZE DISK, STAMPED 3132X, SET FLUSH IN A CONCRETE SIDEWALK ON THE NORTH SIDE OF EAST MAIN ST. THE STATION IS 33.9' EAST OF A FIRE HYDRANT, 20' EAST OF THE CENTERLINE OF ORANGE ST., AND 7.2' NORTH OF THE FACE OF THE CONCRETE CURB.

**RM1:** NORTHWEST OF STATION - A 1/4" DRILL HOLE IN A CHISELLED TRIANGLE IN THE TOP OF A STEEL CATCH BASIN ON THE EAST SIDE OF ORANGE ST.

**RM2:** EAST OF STATION - A 1/2" DRILL HOLE IN A CHISELLED TRIANGLE IN THE SOUTHWEST CORNER OF A CONCRETE BASE, TO A SIGN FOR A GAS STATION, THAT IS 2' X 1 1/2'

**RM3:** SOUTHEAST OF STATION - A 1/4" DRILL HOLE IN A CHISELLED TRIANGLE IN THE CENTER OF A STEEL CATCH BASIN ON THE NORTH SIDE OF EAST MAIN ST.

**RM4:** WEST OF STATION - SOUTHEAST CORNER OF GRANITE FOUNDATION, PT. IS 2.5' ABOVE WALK





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-124

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 762,867.519 FEET

E. 922,172.148 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-15.92425"

LONG. 73°-02'-03.66734"

THETA ANGLE - 0°-11'-18.8"

**TYPE OF MARKER**  
BRASS DISK

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

CONDITION OF STATION	BY	DATE

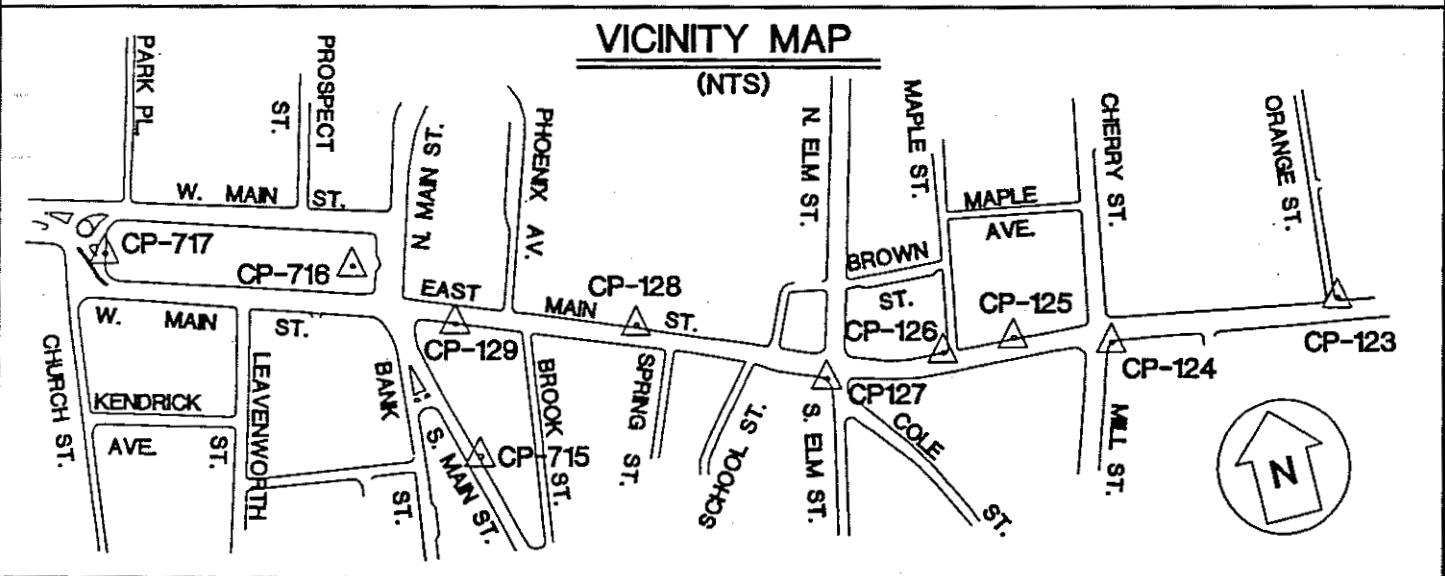
**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

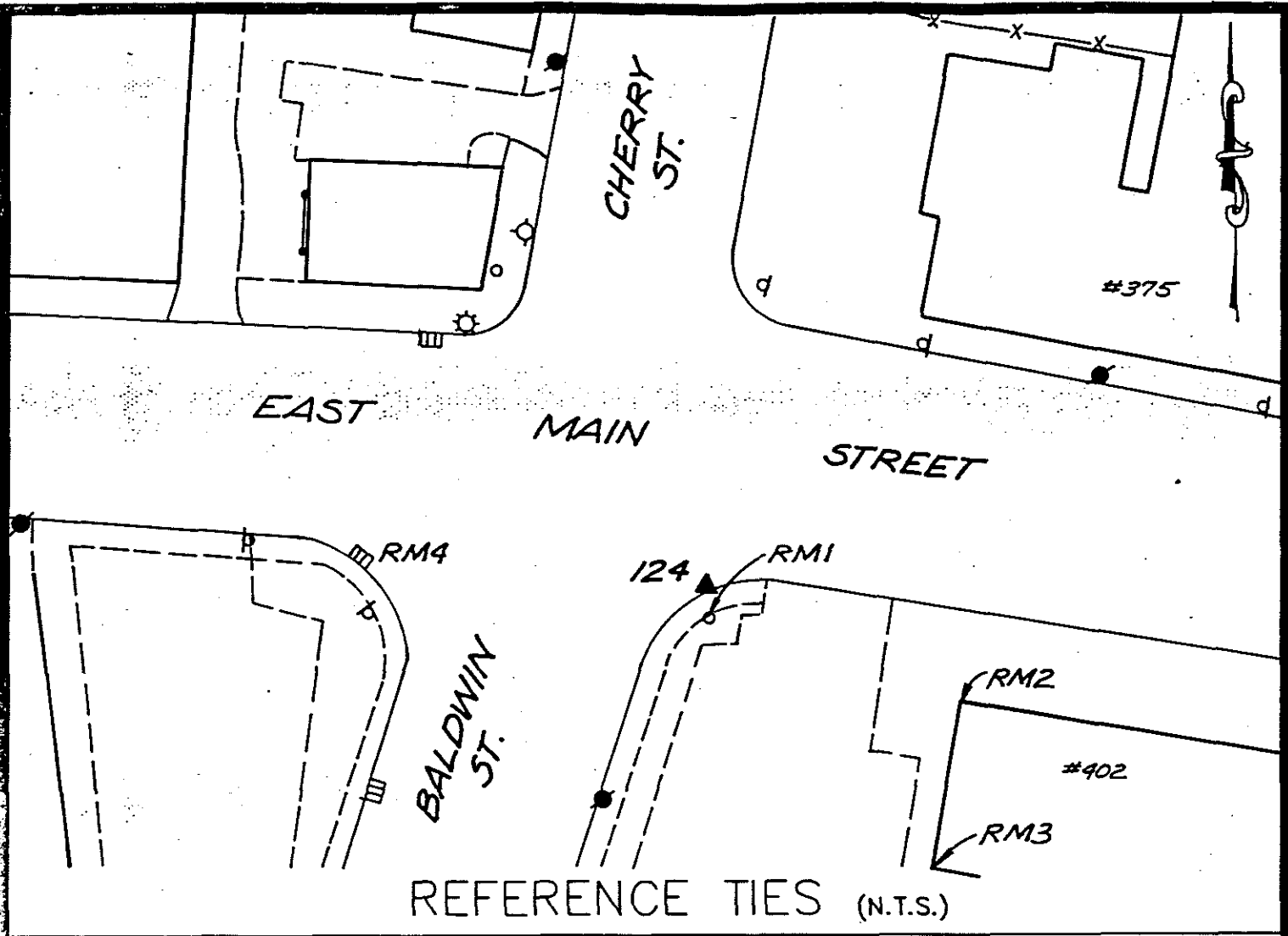
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-123	594.105	0°-00'-00"	83°-08'-29.3"
CP-125	253.261	193°-52'-35.0"	287°-01'-04.3"
RR STA CLOCKTOWER	3463.975	181°-00'-37.4"	274°-09'-06.7"
RM1	6.40	92°-24'-06"	
RM2	64.56	21°-19'-03"	
RM3	85.85	49°-27'-01"	
RM4	86.36	180°-40'-57"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #124: SET BRASS DISK IN CONCRETE CURB IN A HANDICAP RAMP, SOUTH SIDE OF EAST MAIN ST.

RM1: SOUTH OF STATION - A 3/8" DRILL HOLE IN THE NORTHEAST CORNER OF A CONCRETE BASE OF A TRAFFIC CONTROL POLE

RM2: EAST OF STATION - NORTHWEST CORNER OF BRICK BUILDING #402, EAST MAIN ST., 3' UP

RM3: SOUTHEAST OF STATION - SOUTHWEST CORNER OF BRICK BUILDING #402, EAST MAIN ST., 3' UP

RM4: WEST OF STATION - A 3/8" DRILL HOLE IN THE TOP OF CURB OF A CATCH BASIN ON THE SOUTH SIDE OF EAST MAIN ST.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 MITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
 CP-125

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 762,941,641 FEET

E. 921,929,976 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-16.64869"

LONG. 73°-02'-06.85581"

THETA ANGLE - 0°-11'-20.9"

**TYPE OF MARKER**  
 CGS MON.

**ALSO REFERRED TO AS STATION #**  
 CTGS 3133X

**ELEVATIONS**

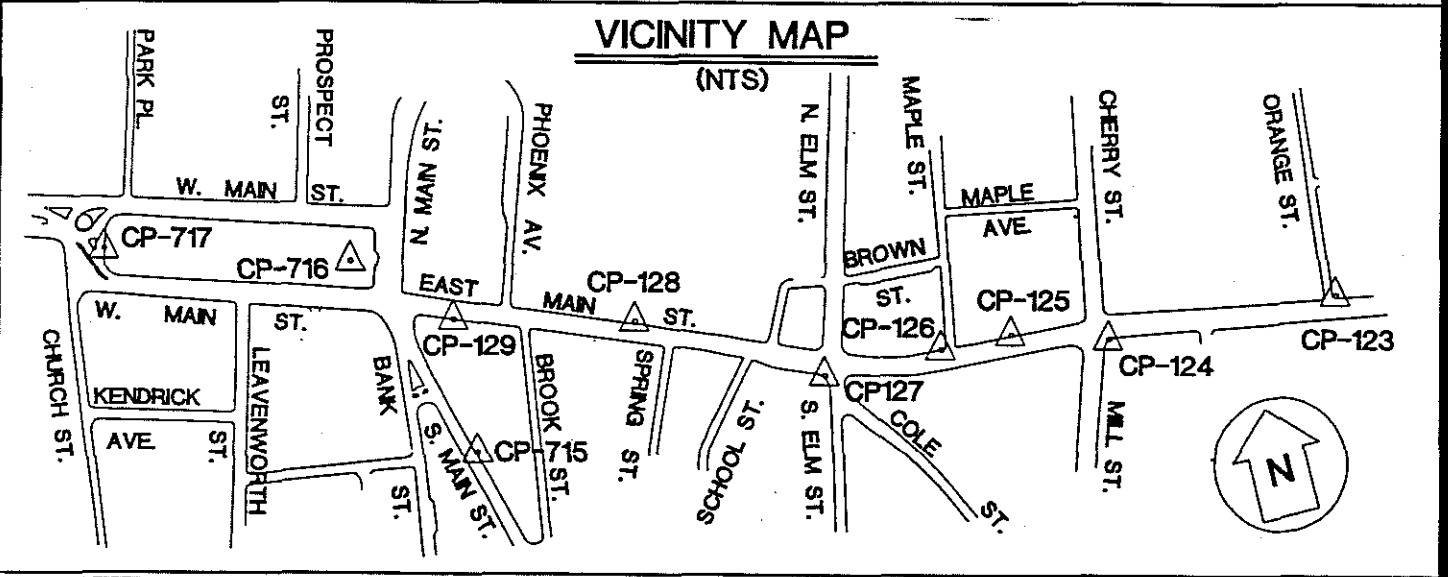
\_\_\_\_\_ FEET  
 (NAVD 88)

DATE \_\_\_\_\_

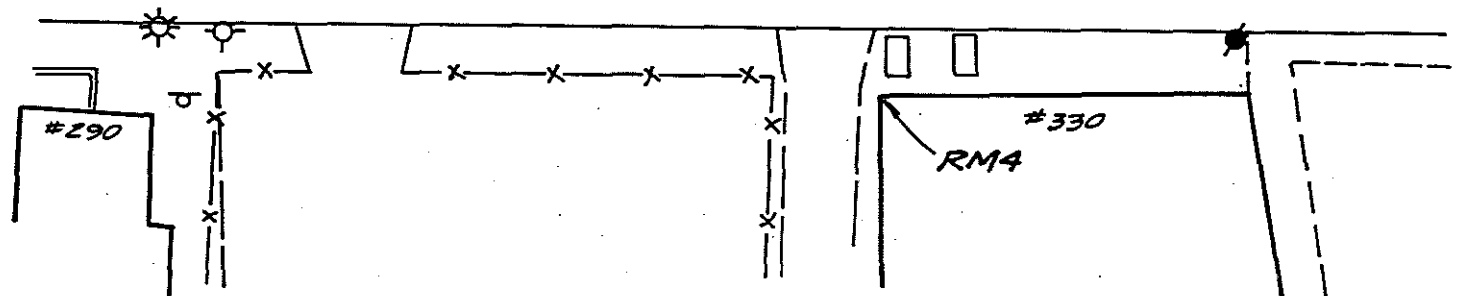
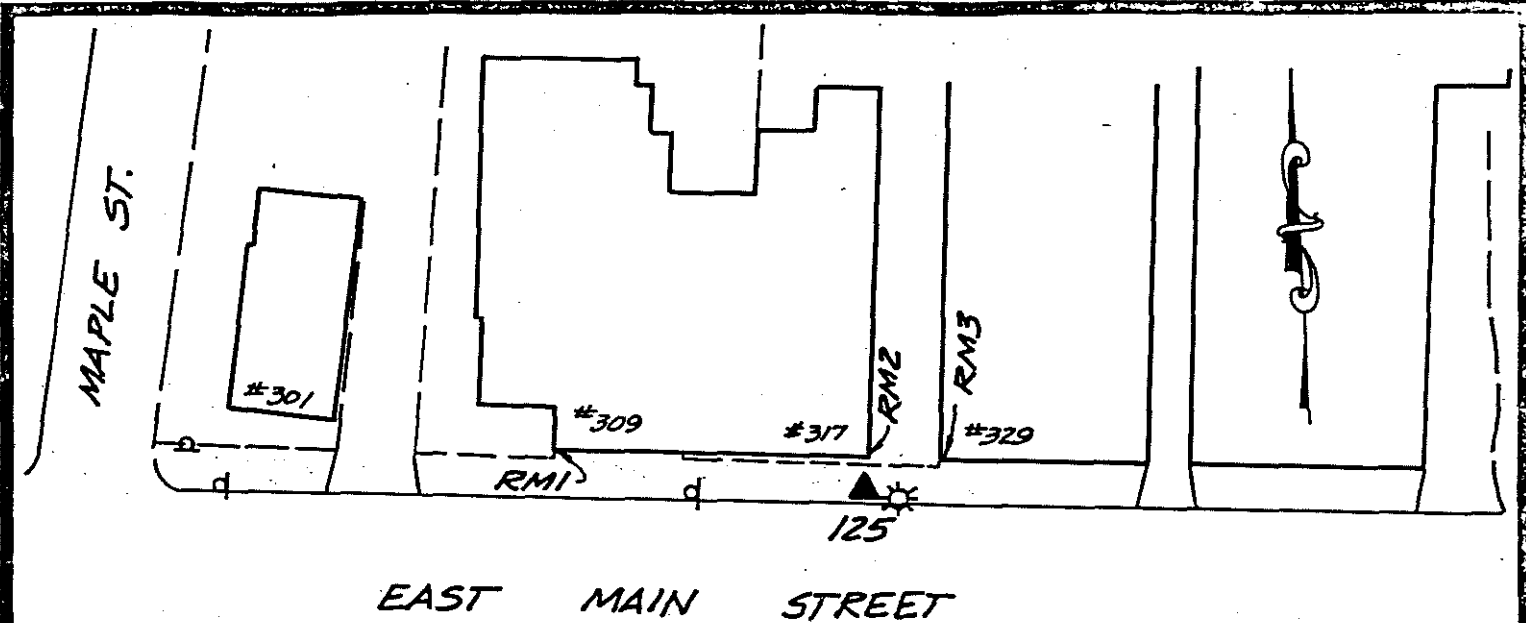
\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-124	253.281	0°-00'-00"	107°-01'-04.3"
CP-126	183.925	165°-01'-00.4"	272°-02'-04.7"
RM1	65.57	172°-33'-08"	
RM2	9.52	282°-53'-48"	
RM3	15.69	317°-37'-45"	
RM4	67.75	70°-55'-47"	



REFERENCE TIES (N.T.S.)

COMMENTS

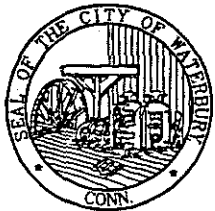
STATION #125: STATION MARK IS A U.S. COAST AND GEODETIC SURVEY BRONZE DISK, STAMPED 3133X, SET FLUSH IN A CONCRETE SIDEWALK ON THE NORTH SIDE OF EAST MAIN ST. THE STATION IS 113' WEST OF THE EXTENDED CENTERLINE OF MILL ST., 4.9' NORTHWEST OF AN ALUMINUM LIGHT POLE, AND 4.0' NORTH OF THE FACE OF THE GRANITE CURB.

RM1: WEST OF STATION - THE SOUTHWEST INSIDE BRICK CORNER OF BUILDING #309. IT IS 3' ABOVE THE SURFACE OF THE GROUND AND 0.7' FROM THE ACTUAL OUTSIDE CORNER.

RM2: NORTHEAST OF STATION - THE SOUTHEAST BRICK CORNER OF BUILDING #317. IT IS 0.1' ABOVE THE SURFACE OF THE CONCRETE SIDEWALK.

RM3: NORTHEAST OF STATION - THE SOUTHWEST GRANITE CORNER OF A 4-STORY BRICK BUILDING #325 - 329. IT IS 0.5' ABOVE THE SURFACE OF THE SIDEWALK.

RM4: SOUTH OF STATION - THE NORTHWEST CORNER OF BRICK BUILDING #330, PT. IS 3' ABOVE WALK.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-126

**IN THE TOWN OF  
WATERBURY**

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 762,948.171 FEET

E. 921,746.167 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-16.70720"

LONG. 73°-02'-09.27372"

THETA ANGLE - 0°-11'-22.5"

**TYPE OF MARKER**  
BRASS DISK

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

**ELEVATIONS**

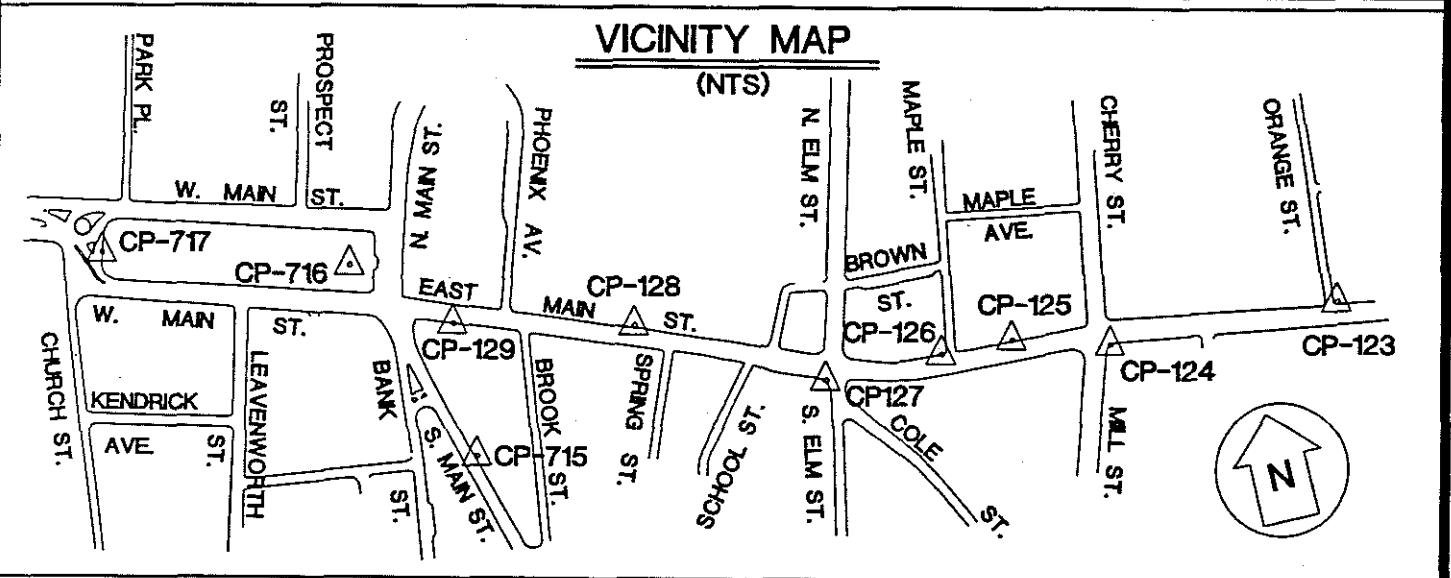
CONDITION OF STATION	BY	DATE

\_\_\_\_\_ FEET  
(NAVD 88)

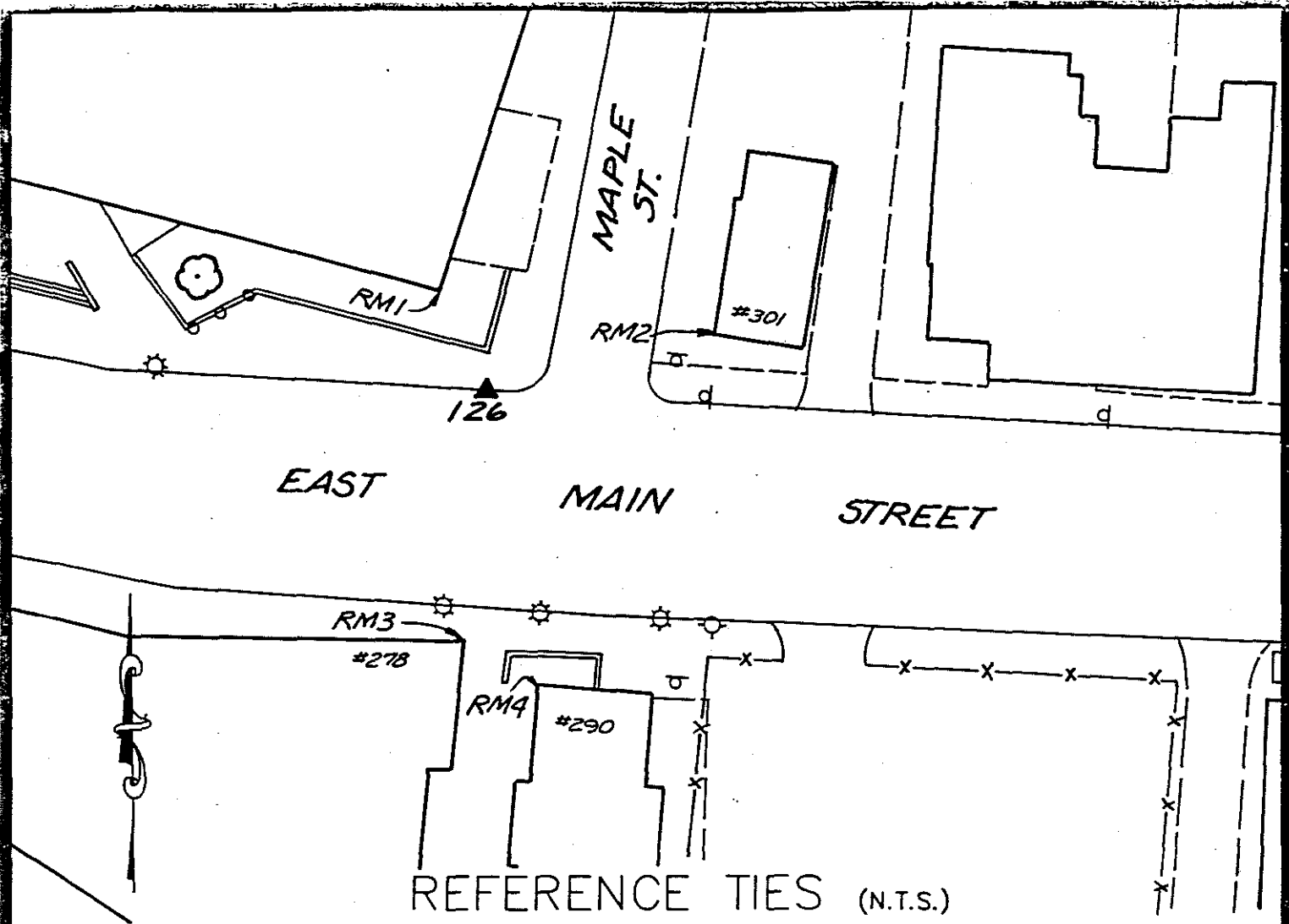
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



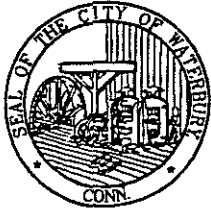
OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-125	183.925	0°-00'-00"	92°-02'-04.7"
CP-127	305.042	179°-30'-53.2"	271°-32'-57.9"
RM1	26.22	239°-15'-12"	
RM2	57.27	342°-57'-15"	
RM3	64.58	94°-56'-35"	
RM4	84.48	82°-42'-06"	



REFERENCE TIES (N.T.S.)

COMMENTS

- STATION #126: SET BRASS DISK IN A GRANITE CURB, 24' WEST OF MAPLE ST.
- RM1: NORTHWEST OF STATION - SOUTHEAST CORNER OF BRICK BUILDING (POLICE BUILDING), 10 BRICKS UP FROM GROUND
- RM2: NORTHEAST OF STATION - SOUTHWEST CORNER OF CONCRETE BUILDING #301, 2' UP FROM GROUND
- RM3: SOUTH OF STATION - NORTHEAST CORNER OF BUILDING #278, 1ST BRICK WHERE IT MEETS THE GRANITE
- RM4: SOUTHEAST OF STATION - NORTHWEST CORNER OF BUILDING #240, 2ND BRICK DOWN FROM WOOD TRIM



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-127

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 762,956.419 FEET

E. 921,441.237 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-16.77870"

LONG. 73°-02'-13.28480"

THETA ANGLE - 0°-11'-25.1"

**TYPE OF MARKER**  
PK NAIL

**ALSO REFERRED TO AS STATION #**  
WBHV25

**ELEVATIONS**

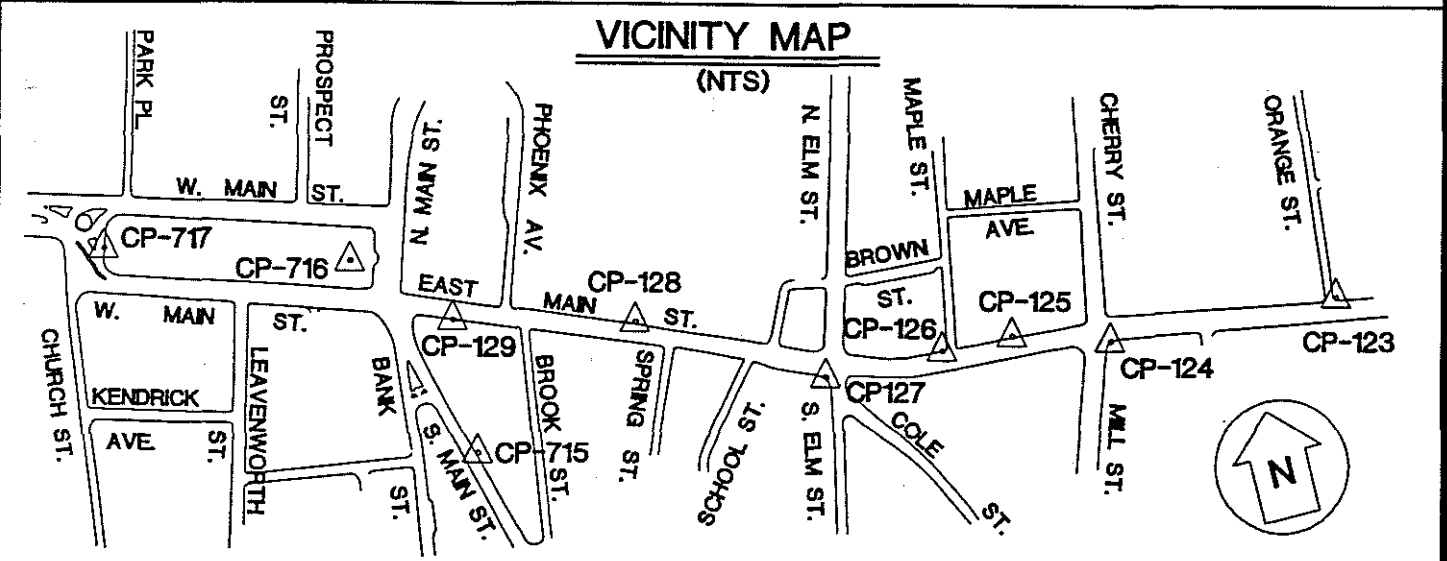
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

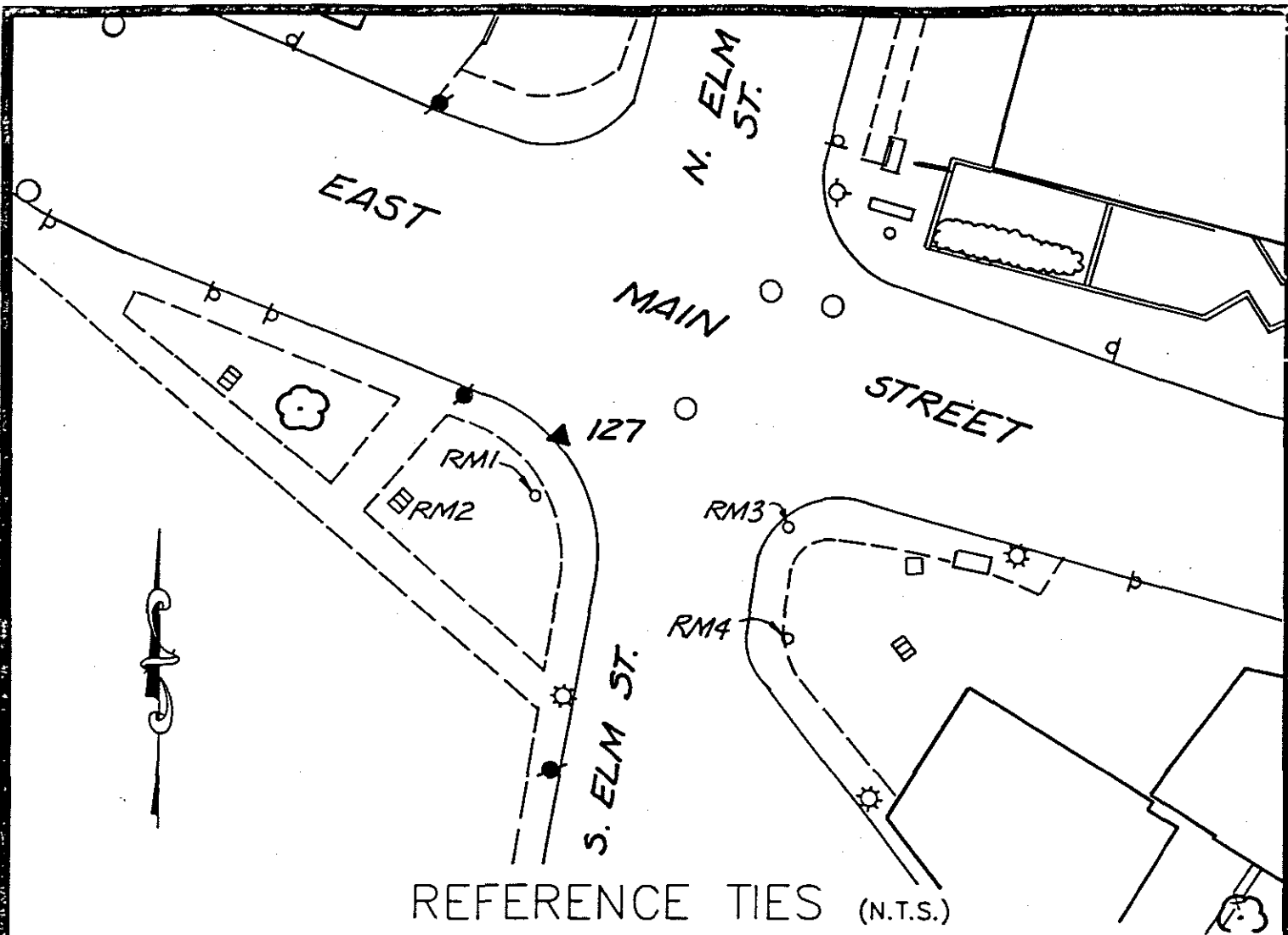
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-126	305.042	0°-00'-00"	91°-32'-57.9"
CP-128	512.215	208°-24'-38.2"	299°-57'-36.1"
RM1	14.89	120°-48'-23"	
RM2	42.50	159°-19'-59"	
RM3	55.12	21°-13'-03"	
RM4	88.72	41°-08'-49"	



COMMENTS

STATION #127: A PK NAIL IN THE PAVEMENT, 3'± NORTH OF GRANITE CURB OPPOSITE WEST END OF THE HANDICAP RAMP

RM1: SOUTH OF STATION - A 3/8" DRILL HOLE IN THE NORTHWEST CORNER OF A CONCRETE BASE OF A TRAFFIC CONTROL POLE

RM2: SOUTHWEST OF STATION - A 3/8" DRILL HOLE IN THE NORTH SIDE OF A CATCH BASIN IN THE GRASS AREA

RM3: EAST OF STATION - A 3/8" DRILL HOLE IN THE NORTHWEST CORNER OF A CONCRETE BASE OF A TRAFFIC CONTROL POLE

RM4: SOUTHEAST OF STATION - A 3/8" DRILL HOLE IN THE NORTHWEST CORNER OF A CONCRETE BASE OF A TRAFFIC CONTROL POLE





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
**LAND SURVEYORS**  
 75 KITTS LANE NEWINGTON, CT (203) 866-0234

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-128

IN THE TOWN OF  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 763,212.217 FEET  
 E. 920,997.467 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-19.29132"  
 LONG. 73°-02'-19.13292"  
 THETA ANGLE - 0°-11'-29.0"

**TYPE OF MARKER**  
 GRANITE CITY MON

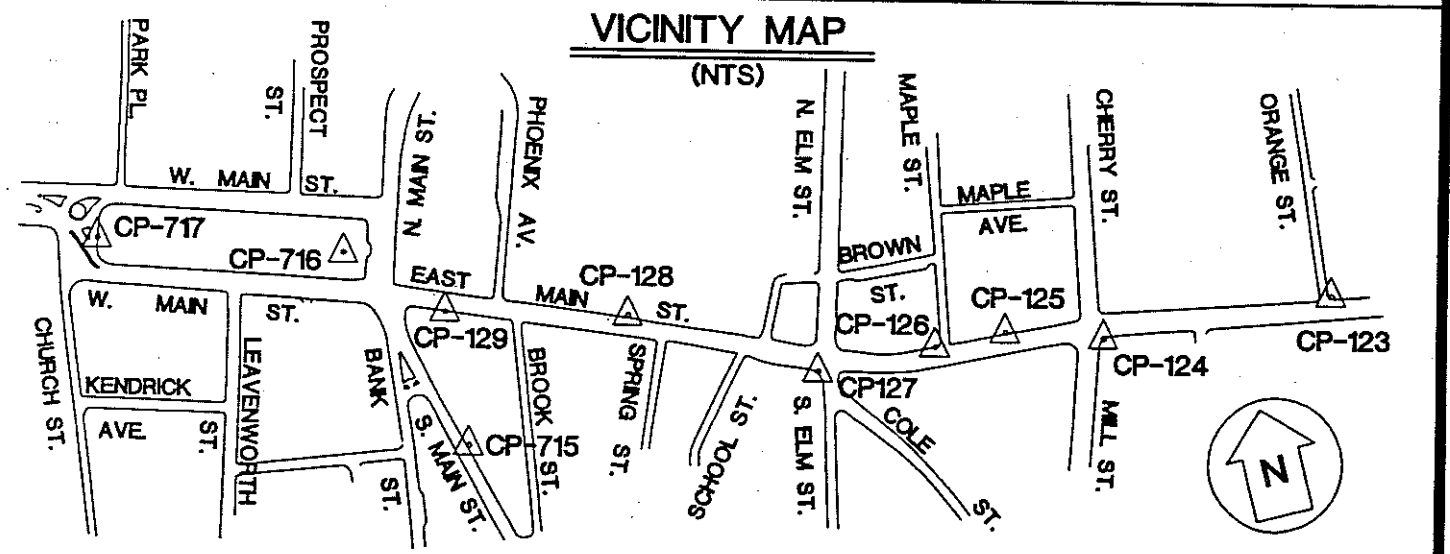
ALSO REFERRED TO AS STATION # \_\_\_\_\_

**ELEVATIONS**

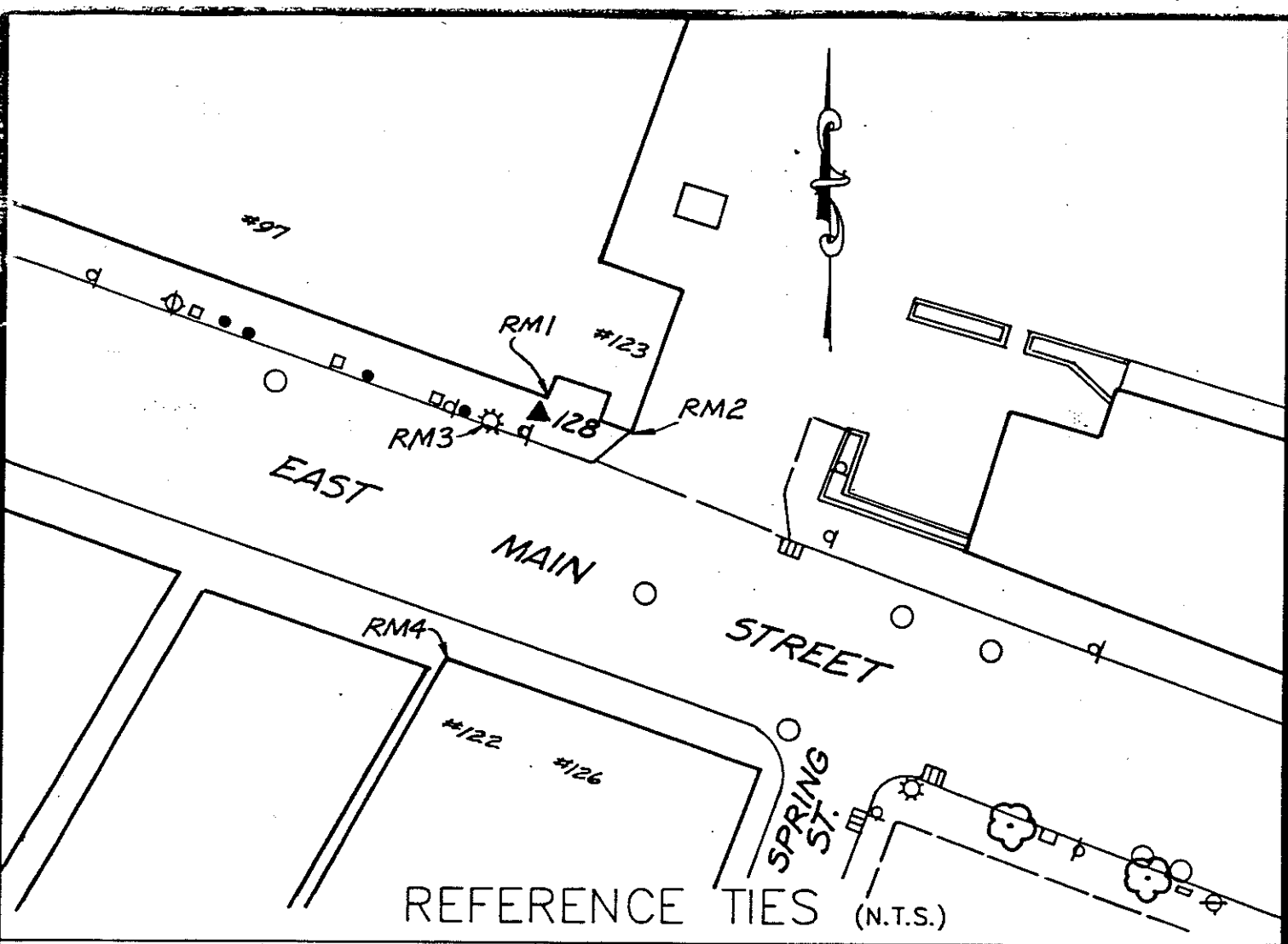
\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-127	512.215	0°-00'-00"	119°-57'-36.1"
CP-129	464.748	164°-36'-35.4"	284°-34'-11.5"
RM1	2.99	280°-38'-45"	
RM2	21.04	344°-09'-03"	
RM3	11.57	144°-13'-21"	
RM4	64.62	82°-25'-33"	



COMMENTS

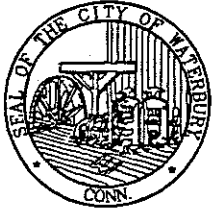
STATION #128: A GRANITE CITY MONUMENT IN A BRICK WALK ON THE NORTH SIDE OF EAST MAIN ST., 21' WEST OF THE EAST RANGE OF #123 EAST MAIN ST.

RM1: NORTH OF STATION - SOUTHEAST CORNER OF BRICK BUILDING #97, 3' UP FROM THE SIDEWALK

RM2: EAST OF STATION - SOUTHEAST CORNER OF BUILDING #123 (ALUMINUM SIDING), 4' UP FROM WALK

RM3: WEST OF STATION - A 3/8" DRILL HOLE IN THE NORTHEAST CORNER OF A CONCRETE LIGHT STANDARD BASE

RM4: SOUTH OF STATION - NORTHWEST CORNER OF BUILDING #122 AT THE TOP OF A GRANITE BLOCK AND BOTTOM OF THE 1ST BRICK



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 866-0124

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-129

**IN THE TOWN OF  
 WATERBURY**

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 763,329.129 FEET  
 E. 920,547.665 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-20.43150"  
 LONG. 73°-02'-25.05435"  
 THETA ANGLE - 0°-11'-32.9"

**TYPE OF MARKER**  
 BRASS DISK

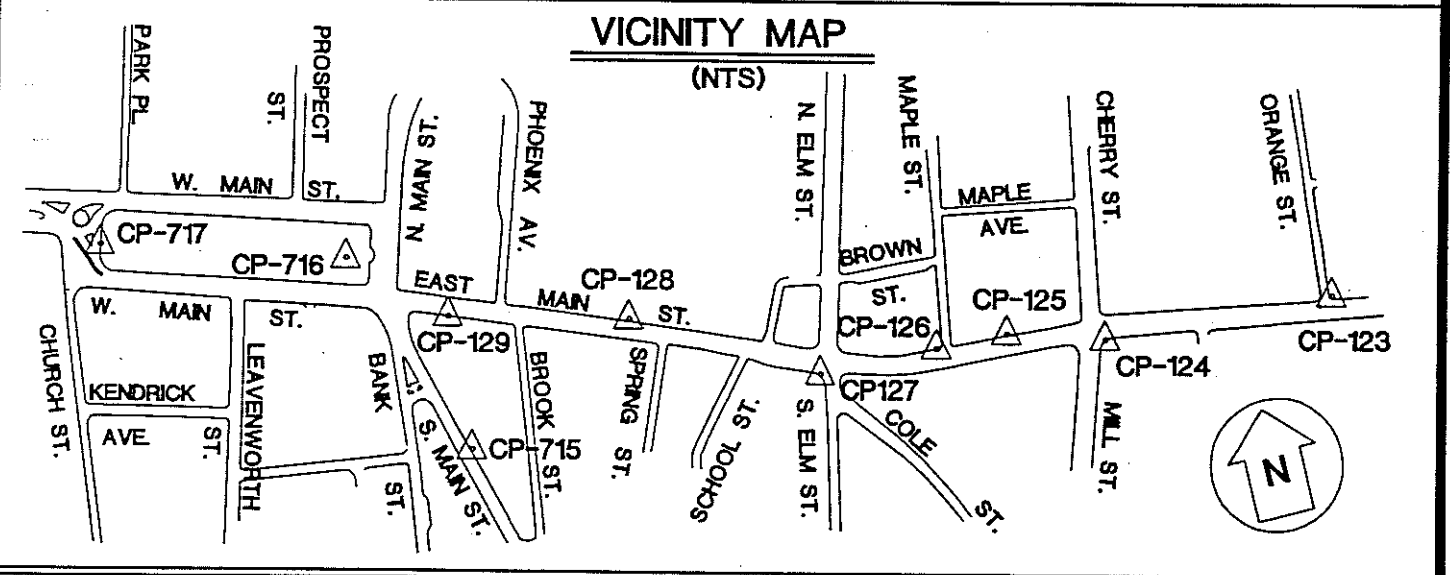
**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

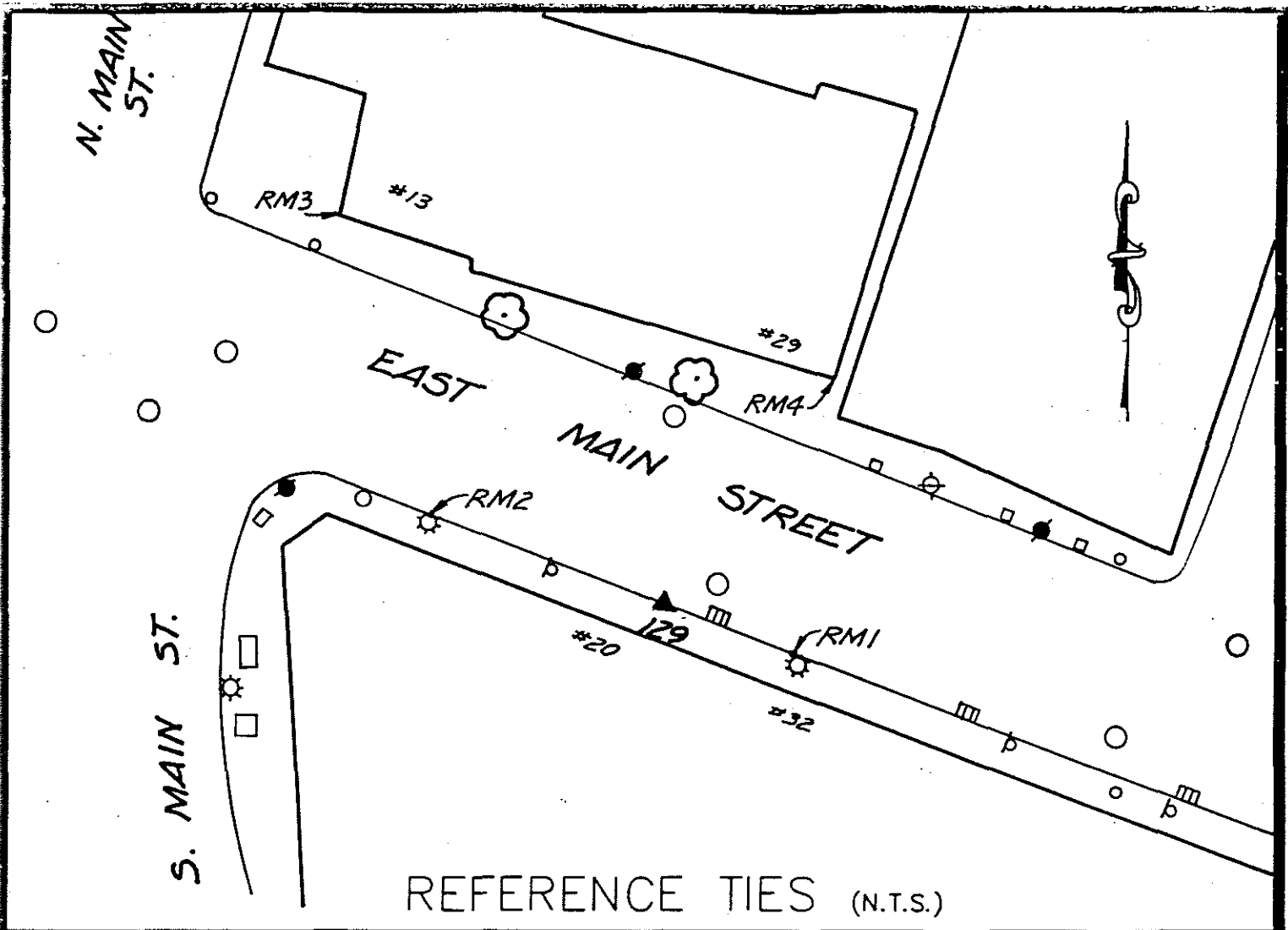
\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-128	464.748	0°-00'-00"	104°-34'-11.5"
CP-716	301.476	208°-05'-23.2"	313°-39'-34.7"
RM1	33.40	07°-55'-55"	
RM2	61.97	186°-02'-07"	
RM3	122.94	215°-42'-07"	
RM4	69.49	293°-49'-07"	



COMMENTS

STATION #129: SET BRASS DISK IN A GRANITE CURB, 6' EAST OF CENTERLINE OF #20 BUILDING ENTRANCE

RM1: EAST OF STATION - A 3/8" DRILL HOLE IN A WALK BETWEEN CURB AND A LIGHT STANDARD, SOUTH SIDE OF EAST MAIN ST.

RM2: WEST OF STATION - A 3/8" DRILL HOLE IN A WALK BETWEEN CURB AND A LIGHT STANDARD, SOUTH SIDE OF EAST MAIN ST.

RM3: NORTHWEST OF STATION - SOUTHWEST CORNER OF BUILDING #13 (BRICK), 3' UP FROM WALK

RM4: NORTHEAST OF STATION - SOUTHEAST CORNER OF BUILDING #29 (BRICK), 3' UP FROM WALK



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 868-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-200

IN THE TOWN OF  
WOLCOTT

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 771,613.242 FEET

E. 932,242.769 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-34'-42.63626"

LONG. 72°-59'-51.53923"

THETA ANGLE - 0°-09'-51"

**TYPE OF MARKER**  
CITY ROD MON.

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

**ELEVATIONS**

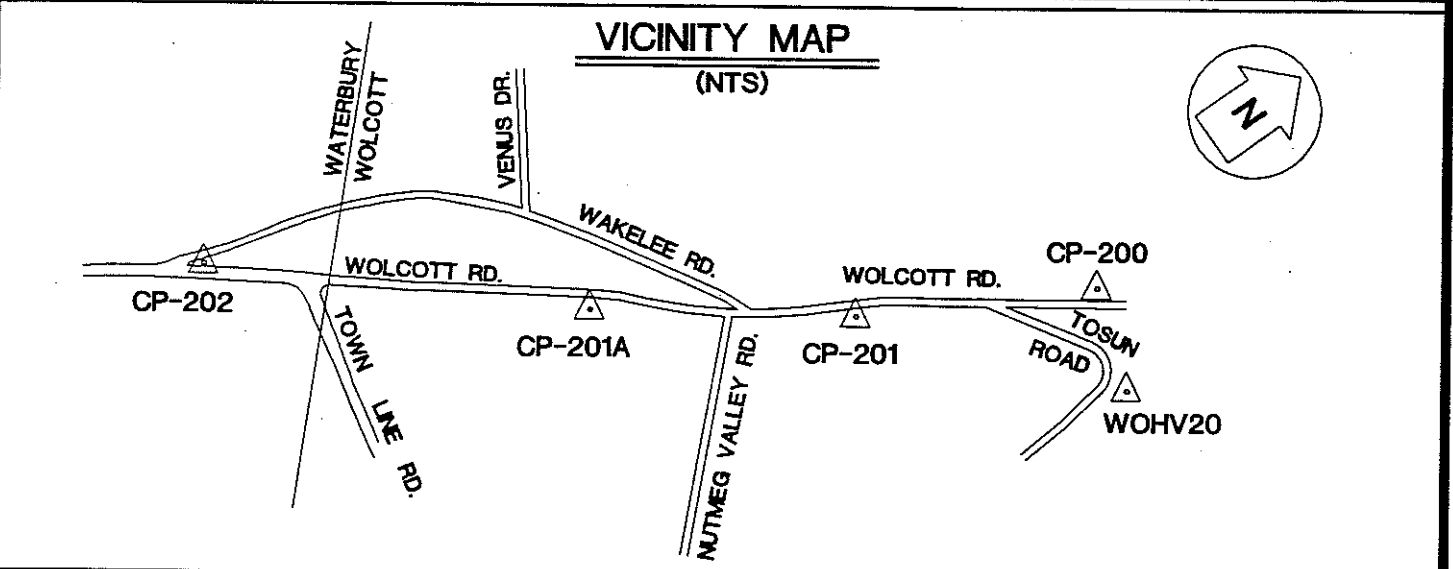
CONDITION OF STATION	BY	DATE

\_\_\_\_\_ FEET  
(NAVD 88)

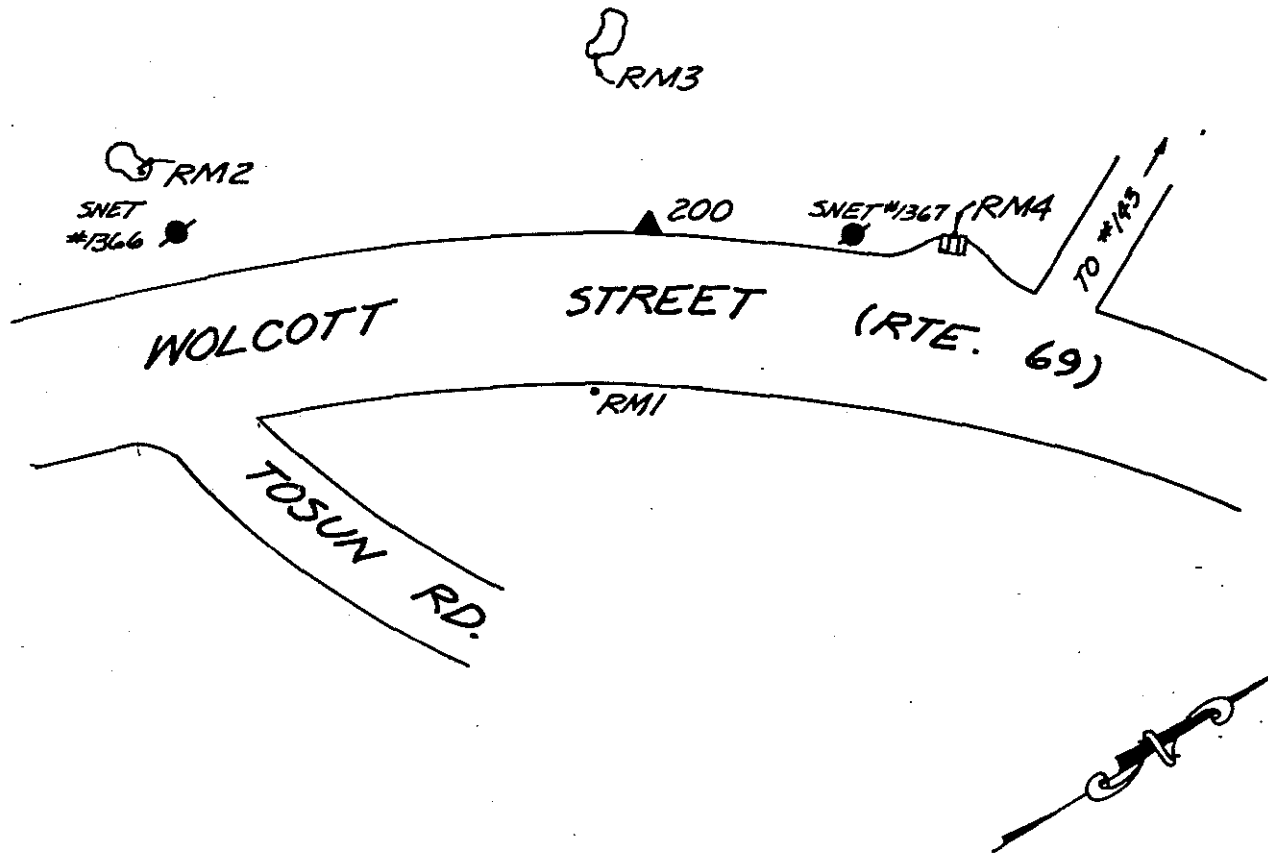
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
WOHV20	274.875	0°-00'-00"	108°-55'-30.6"
CP-201	619.635	99°-46'-20.6"	208°-41'-51.2"
RM1	36.73	29°-15'-28"	
RM2	113.65	121°-13'-45"	
RM3	51.89	185°-45'-46"	
RM4	55.88	287°-46'-09"	



REFERENCE TIES (N.T.S.)

COMMENTS

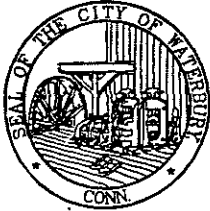
STATION #200: ROD MONUMENT LOCATED 2.5' BEHIND BIT. CURB OF WOLCOTT STREET AND 38' WEST OF SNET CO. POLE #1367

RM1: SOUTHEAST OF STATION - A RAILROAD SPIKE IN BIT. LOCATED 3' SOUTH OF ROAD

RM2: SOUTHWEST OF STATION - A 3/8" DRILL HOLE IN THE EASTERLY PART OF A 2'X5' GRANITE STONE, 9' WEST AND 15' NORTH OF SNET CO. POLE #1366

RM3: WEST OF STATION - A 3/8" DRILL HOLE IN GRANITE OUTCROP, NORTH OF ROAD AND 66' WEST OF SNET CO. POLE #1367

RM4: NORTH OF STATION - A 3/8" DRILL HOLE IN THE CENTER OF THE CONCRETE CURB OF CATCH BASIN ON THE NORTH SIDE OF WOLCOTT STREET



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 868-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
E. \_\_\_\_\_ FEET  
DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
LONG. \_\_\_\_\_  
DATE \_\_\_\_\_

**STATION #**  
CP-201  
**IN THE TOWN OF**  
WOLCOTT

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 771069.719 FEET  
E. 931945.229 FEET  
DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-34'-37.25794"  
LONG. 72°-59'-55.43367"  
THETA ANGLE - 0°-09'-53.7"

**TYPE OF MARKER**  
CITY ROD MON

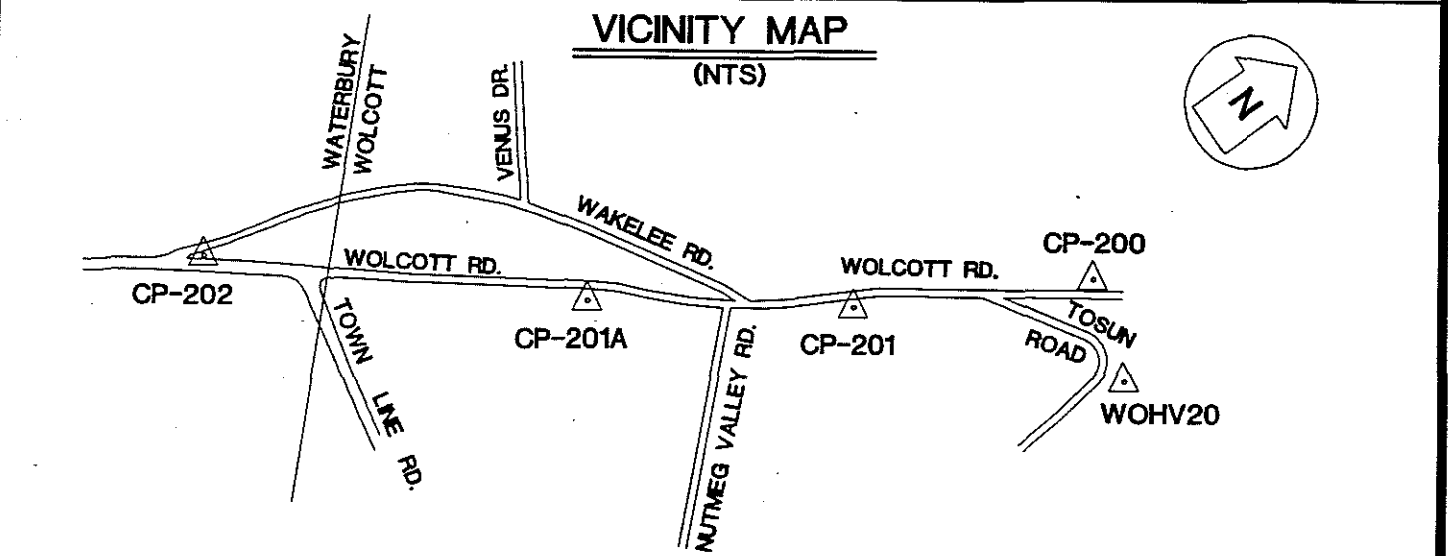
**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)  
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)  
DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



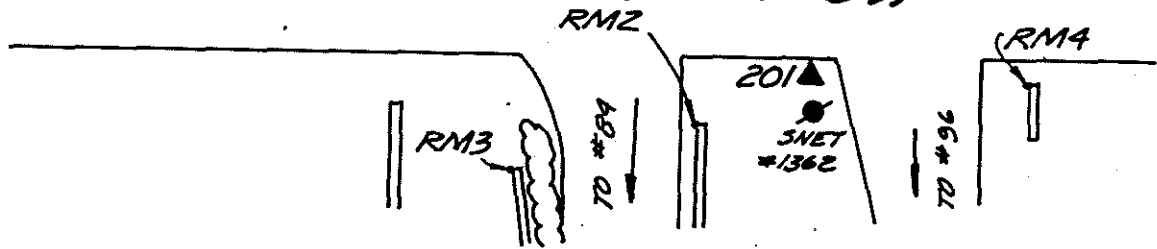
OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-200	619.635	0°-00'-00"	28°-41'-51.2"
CP-201A	685.312	188°-14'-27.3"	216°-56'-18.5"
RM1	52.95	234°-03'-08"	
RM2	27.39	118°-08'-09"	
RM3	71.38	167°-00'-35"	
RM4	53.21	12°-35'-57"	

#95

RM1



WOLCOTT STREET (RTE. 69)



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #201: ROD MONUMENT LOCATED 1.0' SOUTH OF WOLCOTT STREET AND 7' NORTH OF SNET CO. POLE #1362

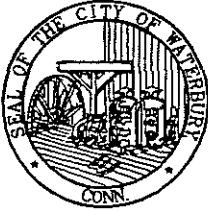
RM1: NORTHEAST OF STATION - A 3/8" DRILL HOLE IN A 1'X2' GRANITE OUTCROP, FLUSH WITH GROUND AND 8' FROM EDGE OF A 24" TREE

RM2: SOUTHEAST OF STATION - A 3/8" DRILL HOLE IN THE NORTHWEST CORNER OF A CONCRETE AND STONE WALL

RM3: SOUTHEAST OF STATION - A 3/8" DRILL HOLE IN THE NORTHWEST CORNER OF A CONCRETE AND STONE WALL

RM4: EAST OF STATION - A 3/8" DRILL HOLE IN THE SOUTHWEST CORNER OF A BRICK SIGN BASE





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**

CP-201A

IN THE TOWN OF  
WOLCOTT

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 770,521.962 FEET

E. 931,533.386 FEET

DATE 8 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-34'-31.83449"

LONG. 73°-00'-00.83154"

THETA ANGLE - 0°-09'-57.3

**TYPE OF MARKER  
CGS MON.**

ALSO REFERRED TO AS STATION #  
CTGS 3435

**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

**CONDITION OF STATION**

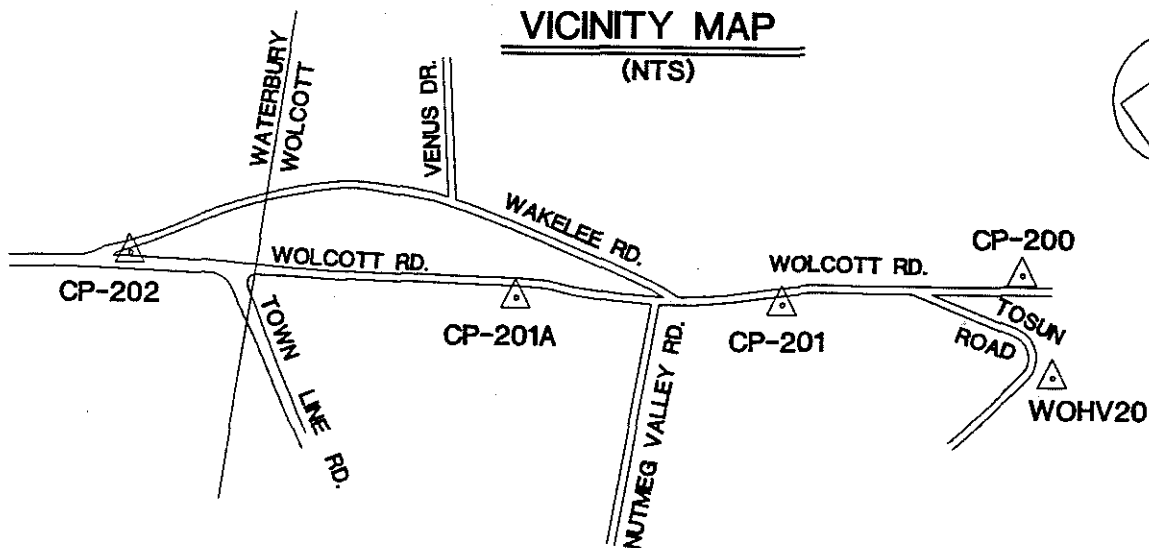
**BY**

**DATE**

CONDITION OF STATION	BY	DATE

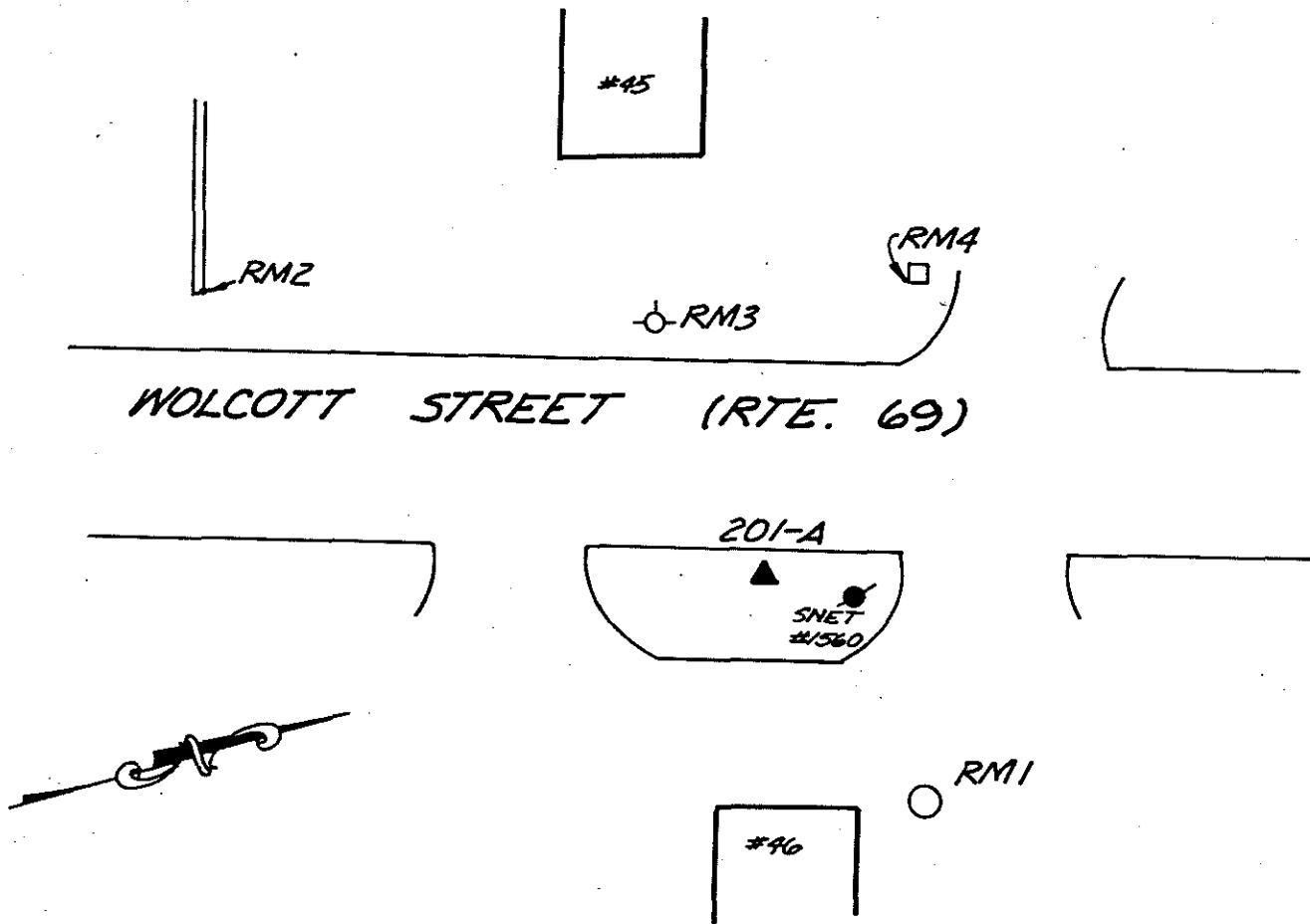
**VICINITY MAP**

(NTS)



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-201	685.312	0°-00'-00"	36°-56'-18.5"
CP-202	993.413	185°-16'-32.5"	222°-12'-51.0"
RM1	44.88	82°-21'-02"	
RM2	109.47	211°-11'-53"	
RM3	50.51	248°-36'-31"	
RM4	70.79	280°-29'-34"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

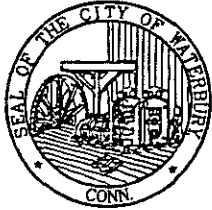
STATION #201A: A C.G.S. MONUMENT, ALSO KNOWN AS CTGS #3435, LOCATED 8' EAST OF THE EDGE OF WOLCOTT STREET AND 6' SOUTH OF SNET CO. POLE #1560

RM1: EAST OF STATION - A 3/8" DRILL HOLE IN THE CONCRETE BASE OF A SATELLITE DISH

RM2: SOUTHWEST OF STATION - A 3/8" DRILL HOLE IN THE NORTHEAST OF CORNER OF A BRICK WALL

RM3: WEST OF STATION - A CHISELLED "+" IN THE BOLT OF A HYDRANT BASE

RM4: WEST OF STATION - A 3/8" DRILL HOLE IN THE SOUTHEAST CORNER OF THE CONCRETE BASE OF A LIGHT STANDARD



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 76 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
 CP-202

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 769,786.202 FEET

E. 930,865.908 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-34'-24.54618"

LONG. 73°-00'-09.58535"

THETA ANGLE - 0°-10'-03.1"

**TYPE OF MARKER**  
 CGS MON.

**ALSO REFERRED TO AS STATION #**  
 CTGS 1511

CONDITION OF STATION	BY	DATE

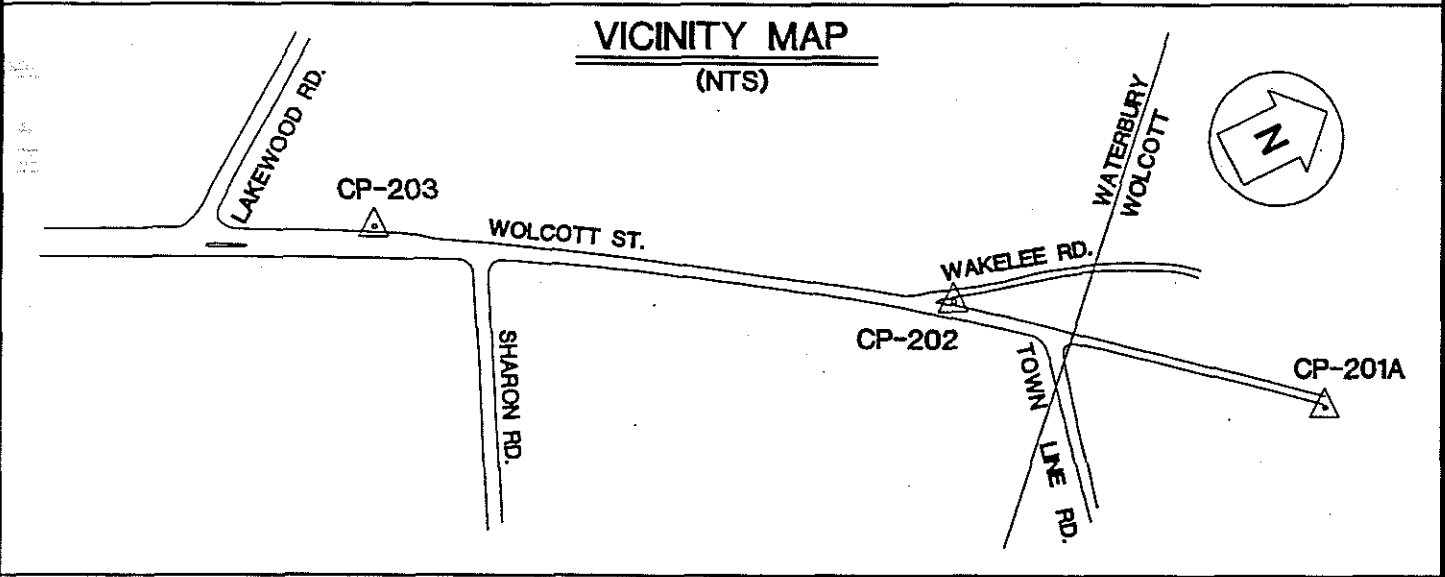
**ELEVATIONS**

\_\_\_\_\_ FEET  
 (NAVD 88)

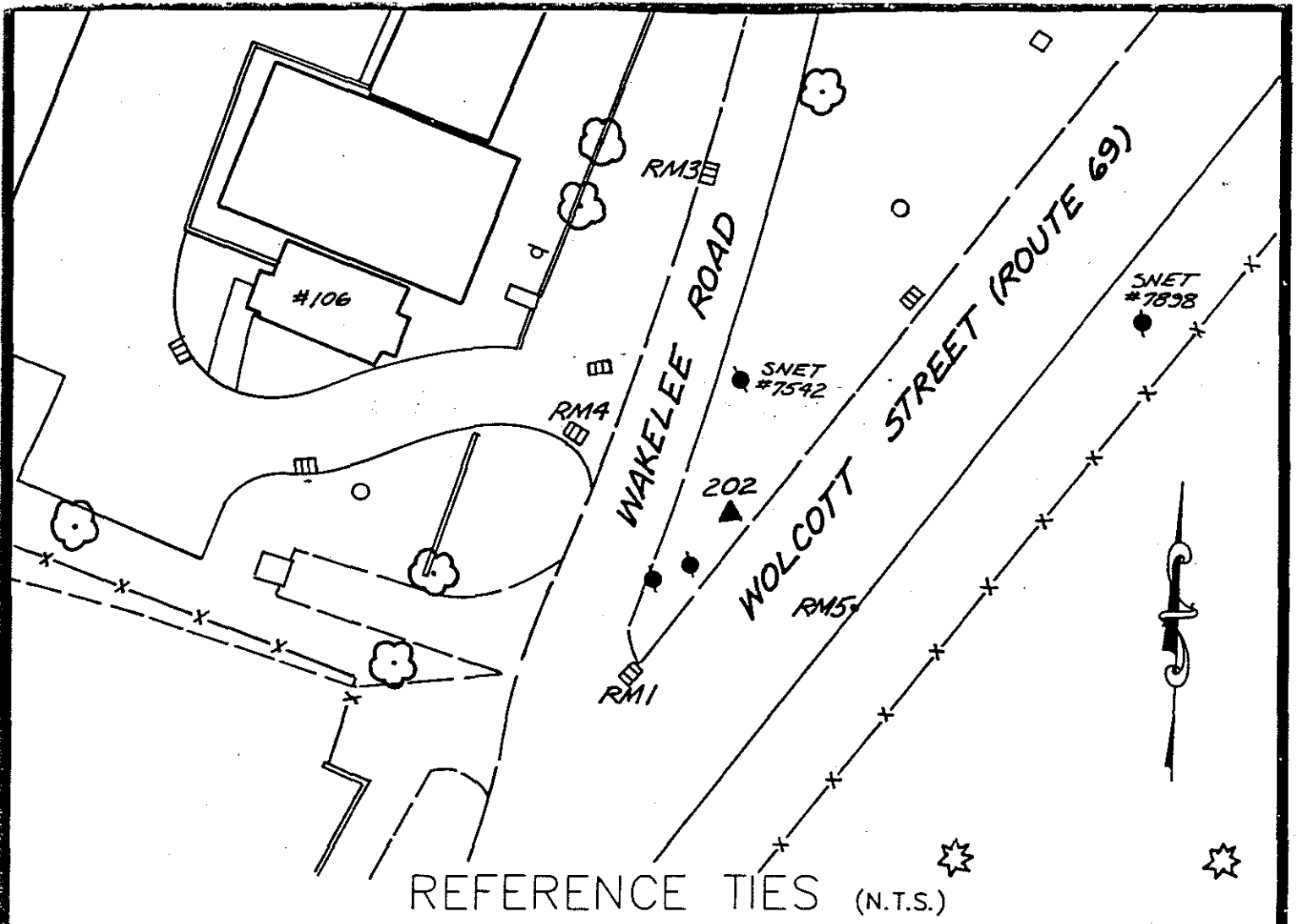
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-201A	993.413	0°-00'-00"	42°-12'-51.0"
CP-203	1504.233	171°-27'-03.9"	213°-39'-54.9"
RM1	45.56	169°-04'-18"	
RM3	79.47	312°-55'-48"	
RM4	37.97	254°-53'-50"	
RM5	41.88	75°-57'-30"	



REFERENCE TIES (N.T.S.)

COMMENTS

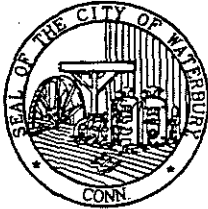
**STATION #202:** THE STATION MARK IS A CONNECTICUT GEODETIC SURVEY BRASS DISK, STAMPED 1511, SET IN THE TOP OF A REINFORCED CONCRETE POST, 3" BELOW THE SURFACE OF THE GROUND. THE STATION IS 108.0' WEST OF SNET CO. POLE #7898, 29.9' SOUTH OF SNET CO. POLE #7542, 24' SOUTHEAST OF THE CENTERLINE OF WAKLEE AVE., AND 23' NORTHWEST OF THE CENTERLINE OF CONN. RTE. #69.

**RM1:** SOUTHWEST OF STATION - A DRILL HOLE IN A HEX HEAD BRASS BOLT, SET IN A 1/4" DRILL HOLE IN A CHISELLED TRIANGLE IN THE TOP CENTER OF A CONCRETE CATCH BASIN. IT IS 74.0' SOUTH OF SNET CO. POLE #7542, 18' NORTHWEST OF THE CENTERLINE OF CONN. RTE. #69, AND 14' SOUTHEAST OF THE CENTERLINE OF WAKLEE AVE.

**RM3:** NORTH OF STATION - A DRILL HOLE IN A HEX HEAD BRASS BOLT, SET IN A 1/4" DRILL HOLE IN A CHISELLED SQUARE IN THE SOUTHWEST CORNER OF A CONCRETE CATCH BASIN. IT IS 49.8' NORTH OF SNET CO. POLE #7542, 45.4' EAST OF THE NORTHEAST CORNER OF HOUSE #106, 8' NORTHWEST OF THE CENTERLINE OF WAKLEE AVE.

**RM4:** WEST OF STATION - A DRILL HOLE IN THE SOUTHEAST CORNER OF CATCH BASIN ON SOUTH SIDE OF BIT. DRIVEWAY.

**RM5:** SOUTHEAST OF STATION - A PK NAIL IN TOP OF BIT. CURB ON THE SOUTHERLY SIDE OF RTE. #69 IN LINE WITH RM4 AND THIS STATION ±.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 866-0734

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-203

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 768,534.243 FEET  
 E. 930,032.052 FEET  
 DATE 8 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-34'-12.15288"  
 LONG. 73°-00'-20.50746"  
 THETA ANGLE - 0°-10'-10.4"

**TYPE OF MARKER**  
 CGS MON.

**ALSO REFERRED TO AS STATION #**  
 CTGS 5822

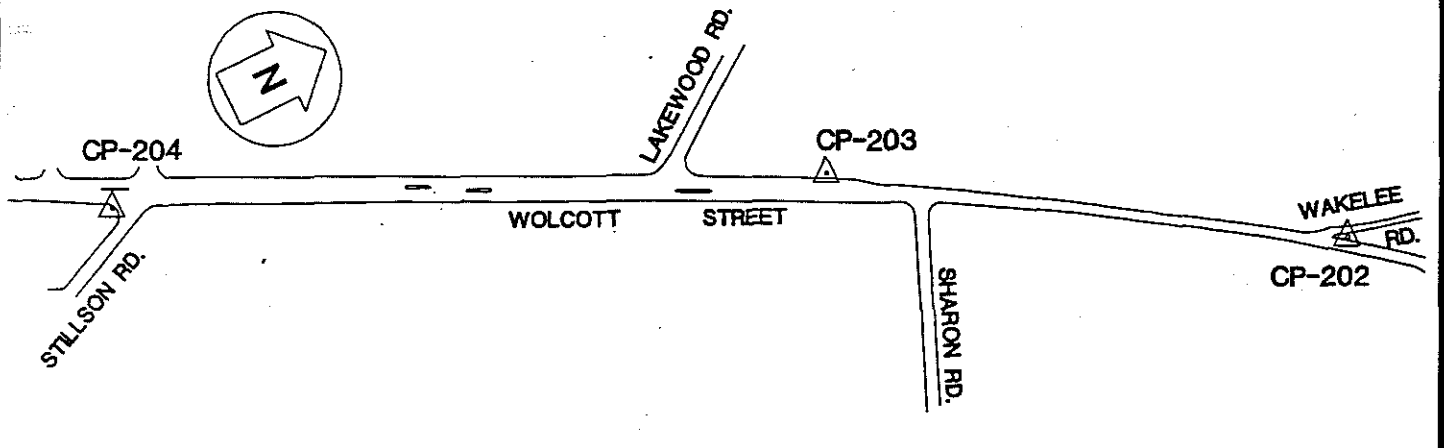
**ELEVATIONS**

\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

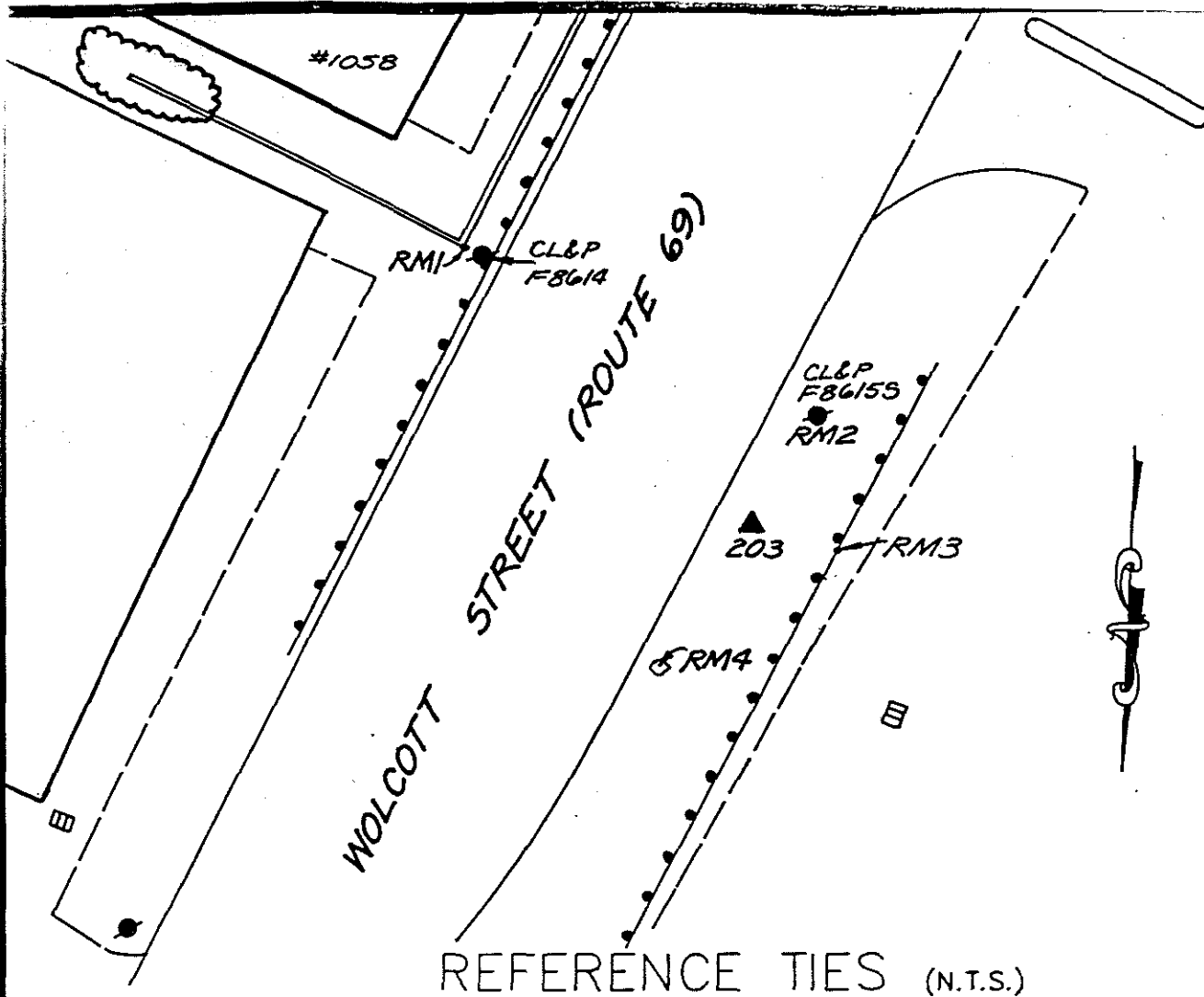
CONDITION OF STATION	BY	DATE

### VICINITY MAP (NTS)



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-202	1504.233	0°-00'-00"	33°-39'-54.9"
CP-204	2043.820	170°-14'-16.7"	203°-54'-11.6"
WATERBURY	2940.221	241°-33'-14.2"	275°-13'-08.1"
RM1	93.82	100°-31'-02"	
RM2	29.43	166°-41'-03"	
RM3	12.83	256°-07'-15"	
RM4	17.52	13°-15'-22"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #203: A CONNECTICUT GEODETIC SURVEY MONUMENT SET IN TOP OF A REINFORCED CONCRETE POST, BRASS DISK IS STAMPED 5822, FLUSH WITH GROUND, 13' NORTH OF BIT. CURB AND 30' EAST OF CL&P ANCHOR POLE #F86155

RM1: SOUTHWEST OF STATION - A 3/8" DRILL HOLE IN THE NORTHWEST CORNER OF A CONCRETE RETAINING WALL, 2.7' SOUTH OF CL&P POLE #F8614

RM2: SOUTH OF STATION - A PK NAIL IN THE EAST SIDE OF A CL&P ANCHOR POLE #F8615S, NAIL IS 2' ABOVE GROUND

RM3: WEST OF STATION - THE 9TH POST STARTING FROM THE WEST END OF GUIDE RAIL, MEASUREMENT TAKEN 1' ABOVE GROUND AND MARKED BY A "+"

RM4: NORTHEAST OF STATION - A BRASS BOLT WITH A CHISELLED SQUARE IN TOP OF A 3' X 4' GRANITE OUTCROP, 7.5' NORTH OF BIT. CURB



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 698-0754

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
E. \_\_\_\_\_ FEET  
DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
LONG. \_\_\_\_\_  
DATE \_\_\_\_\_

**STATION #**  
CP-204

IN THE TOWN OF  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 786,885.902 FEET  
E. 929,203.992 FEET  
DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-53.66875"  
LONG. 73°-00'-31.32786"  
THETA ANGLE - 0°-10'-17.5"

TYPE OF MARKER  
CGS MON.

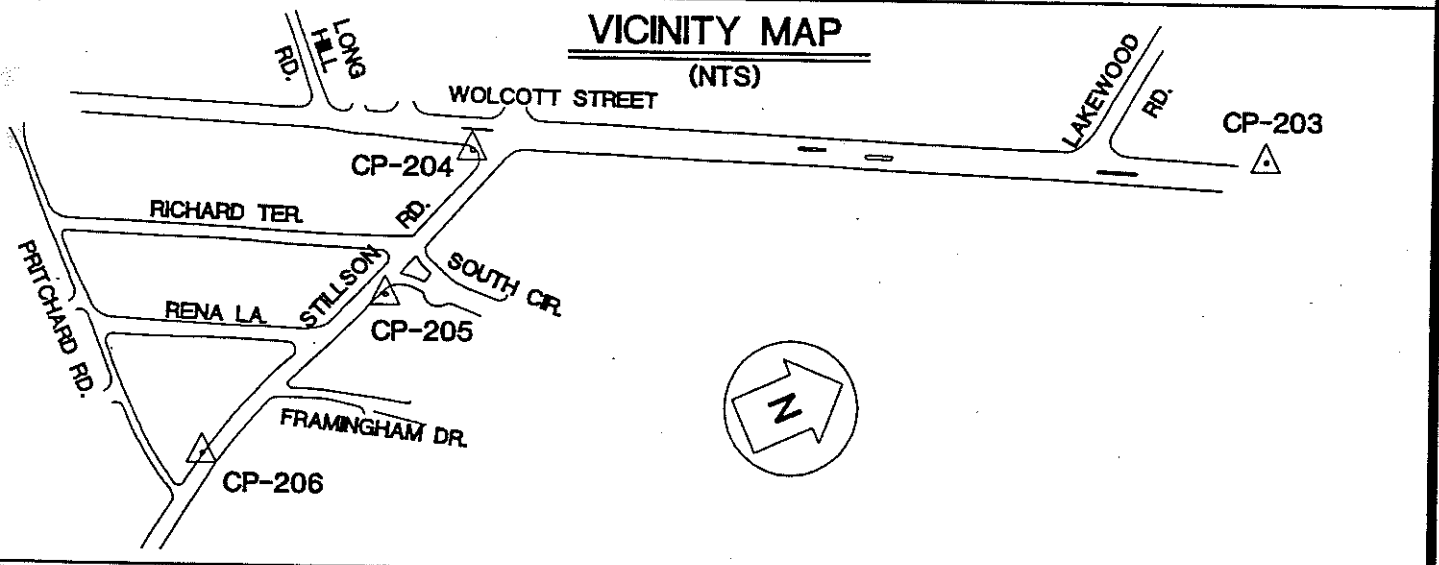
ALSO REFERRED TO AS STATION #  
CTGS 5823

**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)  
DATE \_\_\_\_\_

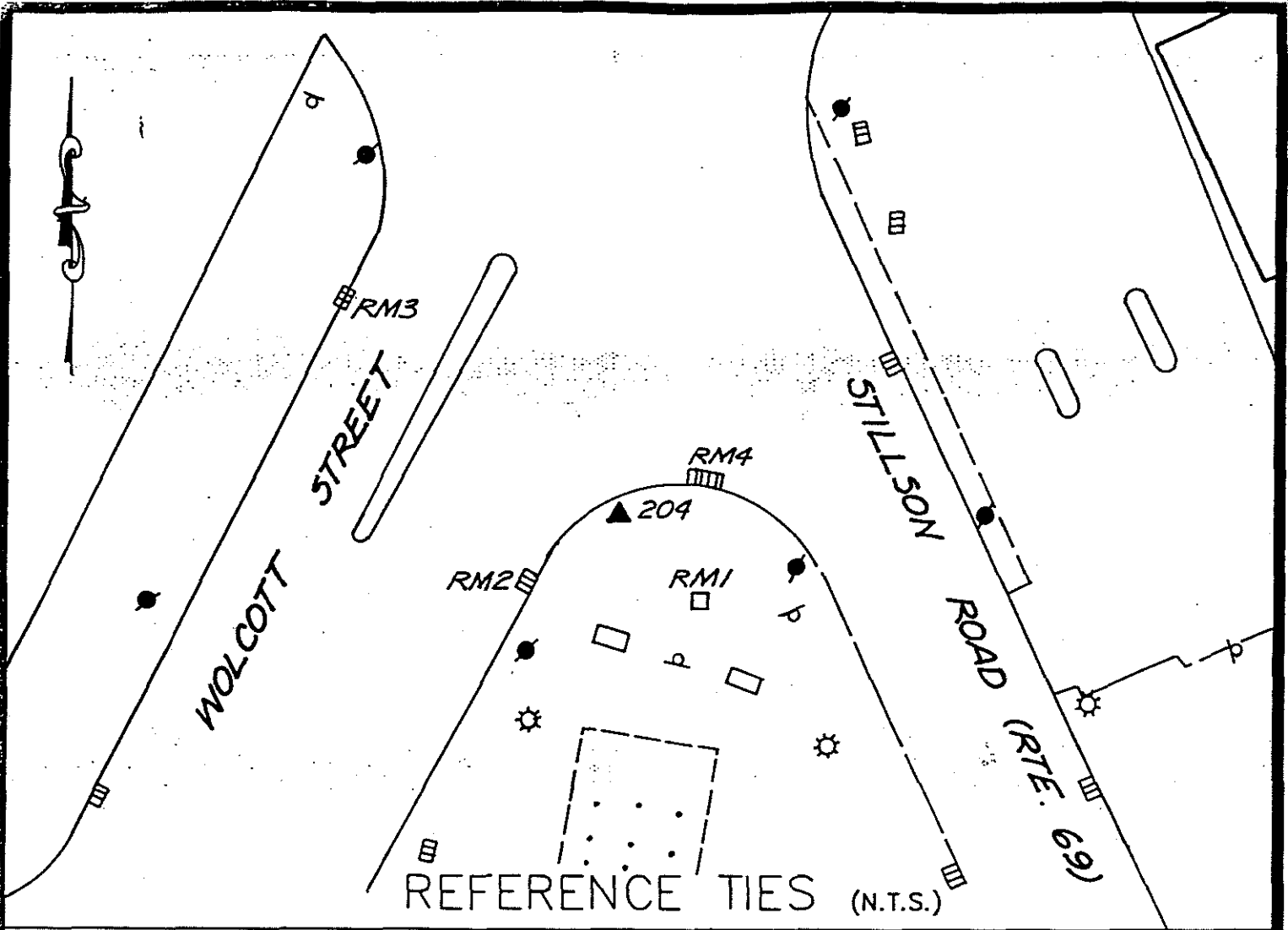
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)  
DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-203	2043.620	0°-00'-00"	23°-54'-11.8"
CP-205	432.194	119°-43'-55.4"	143°-38'-06.9"
RM1	34.85	132°-28'-00"	
RM2	26.71	208°-34'-10"	
RM3	87.86	286°-33'-59"	
RM4	23.59	50°-29'-16"	

SEE REVERSE SIDE FOR REFERENCE TIES



COMMENTS

STATION #204: A CONNECTICUT GEODETIC SURVEY MONUMENT SET IN TOP OF A REINFORCED CONCRETE POST STAMPED 5823, 0.5' BEHIND BIT. WALK, 4" BELOW SURFACE OF THE GROUND, SOUTHWEST CORNER OF THE INTERSECTION OF WOLCOTT ST. AND STILLSON RD.

RM1: SOUTHEAST OF STATION - A 1/8" DRILL HOLE IN THE NORTHEAST ANCHOR BOLT FOR SIGN

RM2: SOUTHWEST OF STATION - A BRASS BOLT INSIDE A CHISELLED TRIANGLE IN THE CONCRETE CURB OF A CATCH BASIN ON THE SOUTH SIDE OF WOLCOTT ST.

RM3: N.W. OF STATION - A 3/8" DRILL HOLE IN THE CENTER OF CONCRETE CURB OF A CATCH BASIN ON THE NORTH SIDE OF WOLCOTT ST.

RM4: NORTHEAST OF STATION - A PUNCH MARK IN A BRASS BOLT INSIDE A CHISELLED SQUARE IN THE CONCRETE CURB OF A DOUBLE CATCH BASIN ON THE WEST SIDE OF STILLSON RD.





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 866-0254

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-205

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 766,317.874 FEET  
 E. 929,480.250 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-50.23887"  
 LONG. 73°-00'-27.94313"  
 THETA ANGLE - 0°-10'-15.3"

**TYPE OF MARKER**  
 BRASS DISK

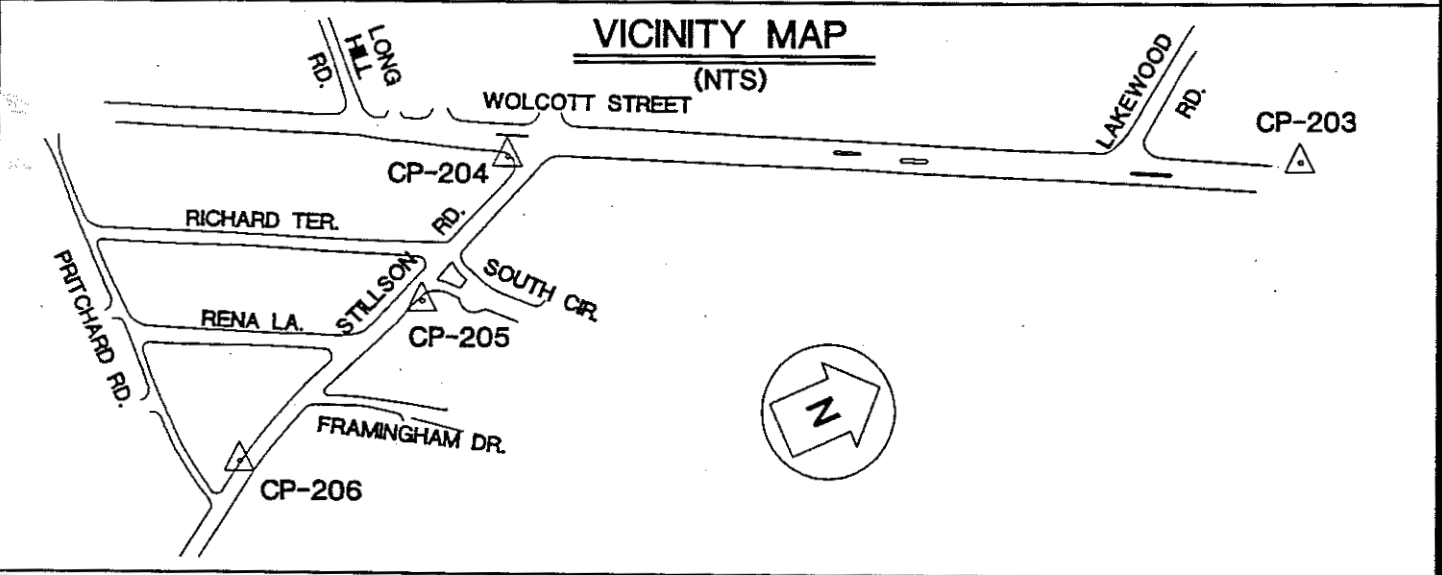
**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

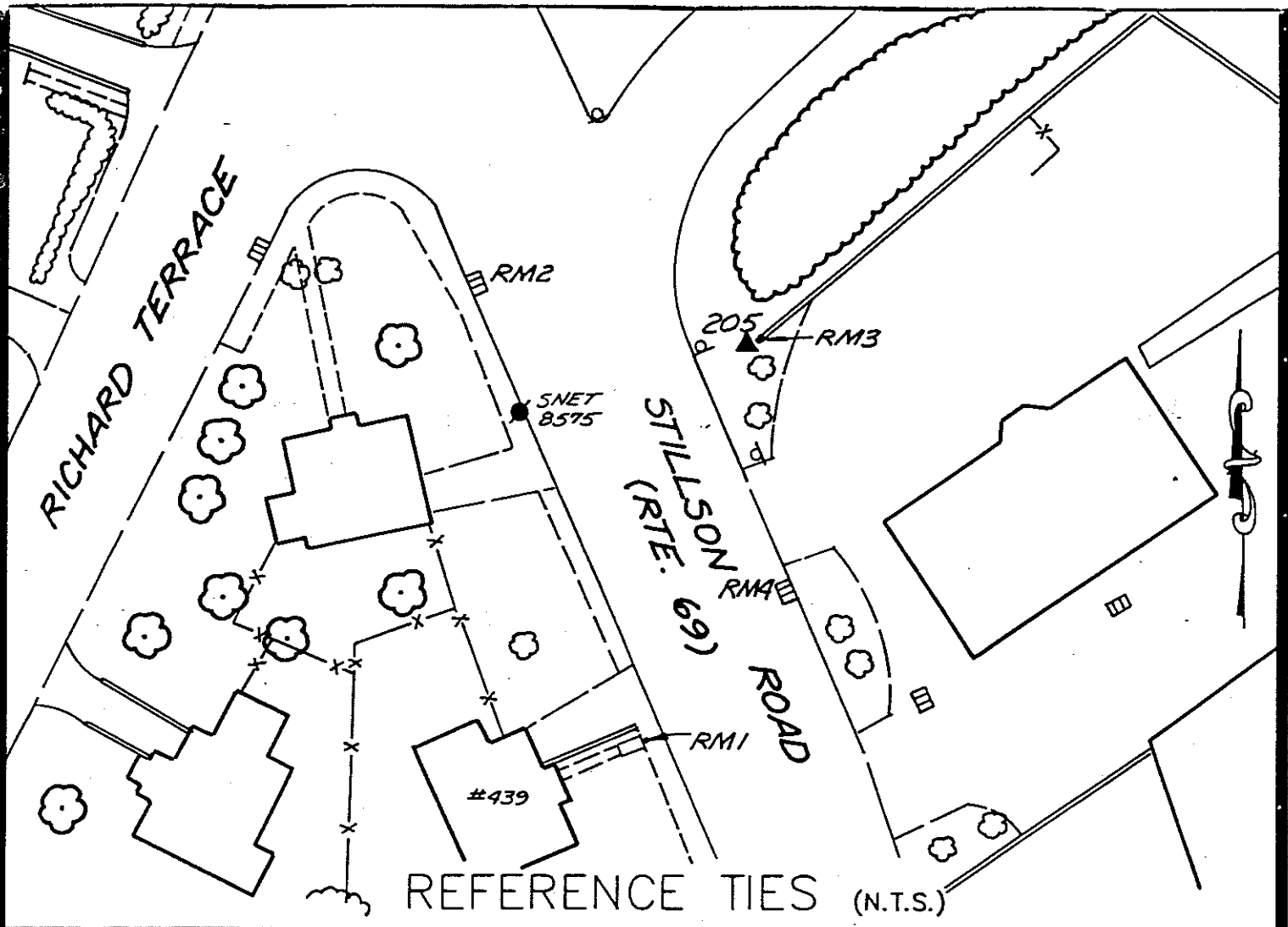
\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-204	432.184	0°-00'-00"	323°-38'-06.9"
CP-206	620.268	198°-23'-16.8"	162°-01'-23.7"
RM1	97.25	232°-07'-29"	
RM2	70.72	323°-49'-16"	
RM3	158	198°-25'-57"	
RM4	63.69	202°-25'-56"	



REFERENCE TIES (N.T.S.)

COMMENTS

- STATION #205: SET BRASS DISK IN LOWER PORTION OF A CONCRETE RETAINING WALL
- RM1: SOUTHWEST OF STATION - A 3/8" DRILL HOLE IN THE BOTTOM OF CONCRETE STEPS LEADING TO BUILDING #439
- RM2: NORTHWEST OF STATION - A CHISEL CROSS IN THE CENTER OF STEEL CURB OF A CATCH BASIN ON THE WEST SIDE OF THE ROAD
- RM3: EAST OF STATION - A 3/8" DRILL HOLE IN THE CENTER OF THE WEST FACE OF THE UPPER PORTION OF A CONCRETE RETAINING WALL
- RM4: SOUTH OF STATION - A 3/8" DRILL HOLE IN THE CENTER OF THE CONCRETE CURB OF A CATCH BASIN ON THE EAST SIDE OF THE ROAD



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-206

**IN THE TOWN OF  
 WATERBURY**

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 765,727.886 FEET  
 E. 929,651.684 FEET  
 DATE 8 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-44.41556"  
 LONG. 73°-00'-25.40176"  
 THETA ANGLE - 0°-10'-13.6"

**TYPE OF MARKER  
 CITY ROD MON.**

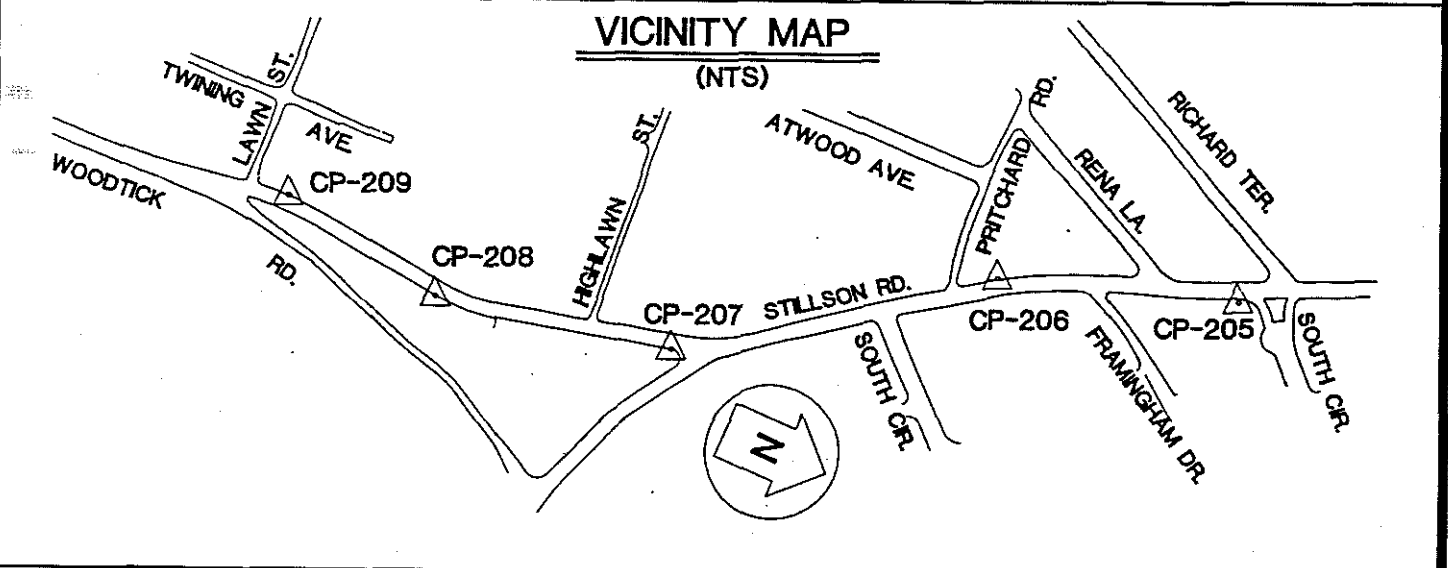
**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

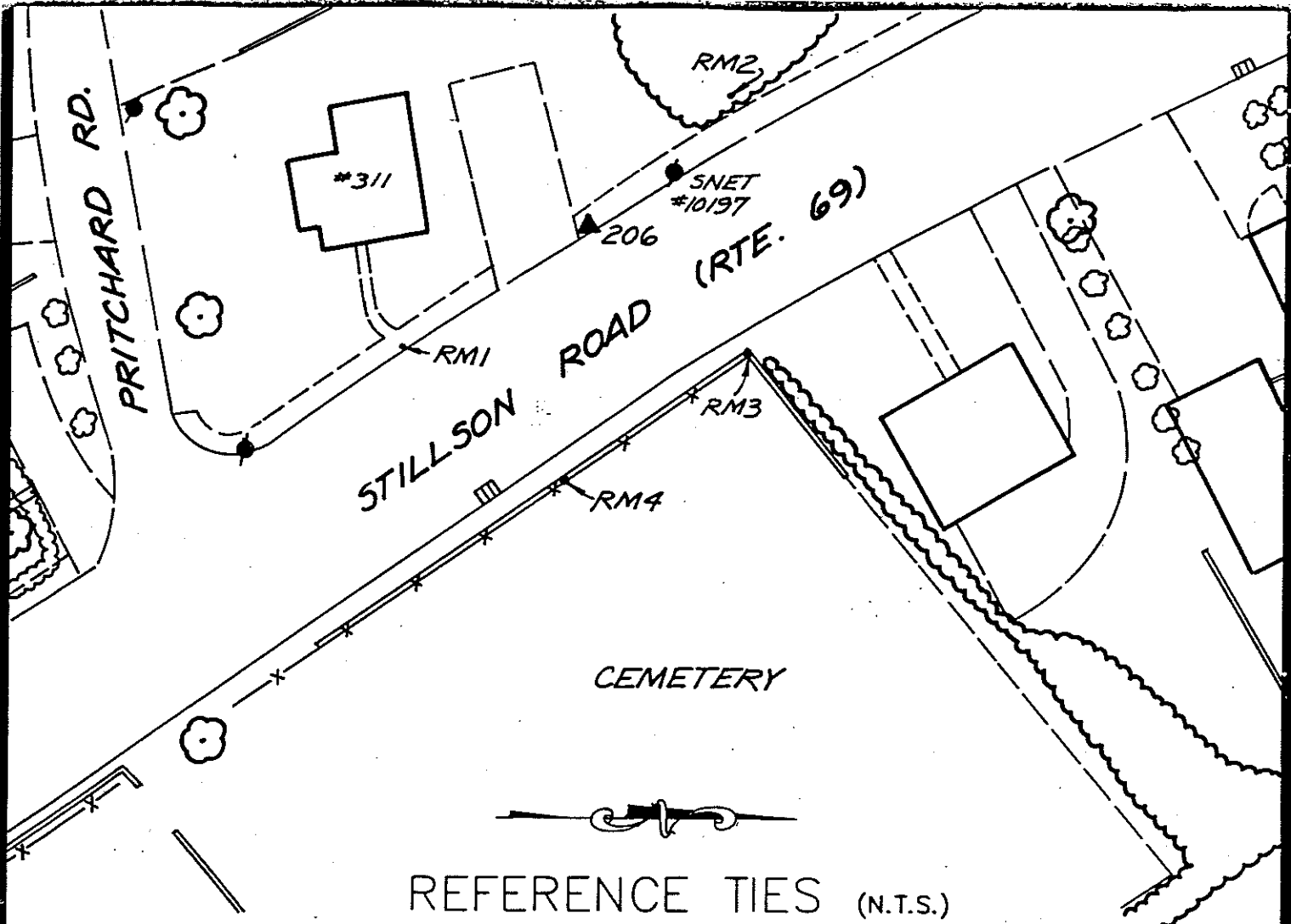
\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-205	620.268	0°-00'-00"	342°-01'-23.7"
CP-207	859.330	161°-54'-39.0"	143°-56'-02.7"
RM1	50.35	162°-31'-33"	
RM2	45.00	329°-40'-43"	
RM3	49.01	61°-08'-12"	
RM4	66.03	118°-28'-25"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #206: SET ROD MONUMENT IN BIT. WALK ON NORTH EDGE OF BIT. DRIVEWAY FOR HOUSE #311, 26' SOUTH OF SNET CO. POLE #10197, WEST SIDE OF THE ROAD

RM1: SOUTH OF STATION - A PUNCH MARK IN A R.R. SPIKE IN THE BIT. WALK, IN FRONT OF CONCRETE STAIRS LEADING TO HOUSE #311

RM2: NORTHWEST OF STATION - A 3/8" DRILL HOLE IN THE TOP CONCRETE STAIR LEADING TO HOUSE #329

RM3: EAST OF STATION - A 3/8" DRILL HOLE IN THE SOUTHWEST CORNER OF THE CONCRETE BASE FOR BRICK PILLAR

RM4: SOUTHEAST OF STATION - A 3/8" DRILL HOLE IN THE CONCRETE AND STONE RETAINING WALL IN FRONT OF 2ND BRICK PILLAR FROM NORTH END OF CEMETERY



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
 CP-207

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 765,033.255 FEET

E. 930,157.585 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-37.56757"

LONG. 73°-00'-18.71997"

THETA ANGLE - 0°-10'-09.2"

**TYPE OF MARKER**  
 CITY ROD MON.

**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

CONDITION OF STATION	BY	DATE

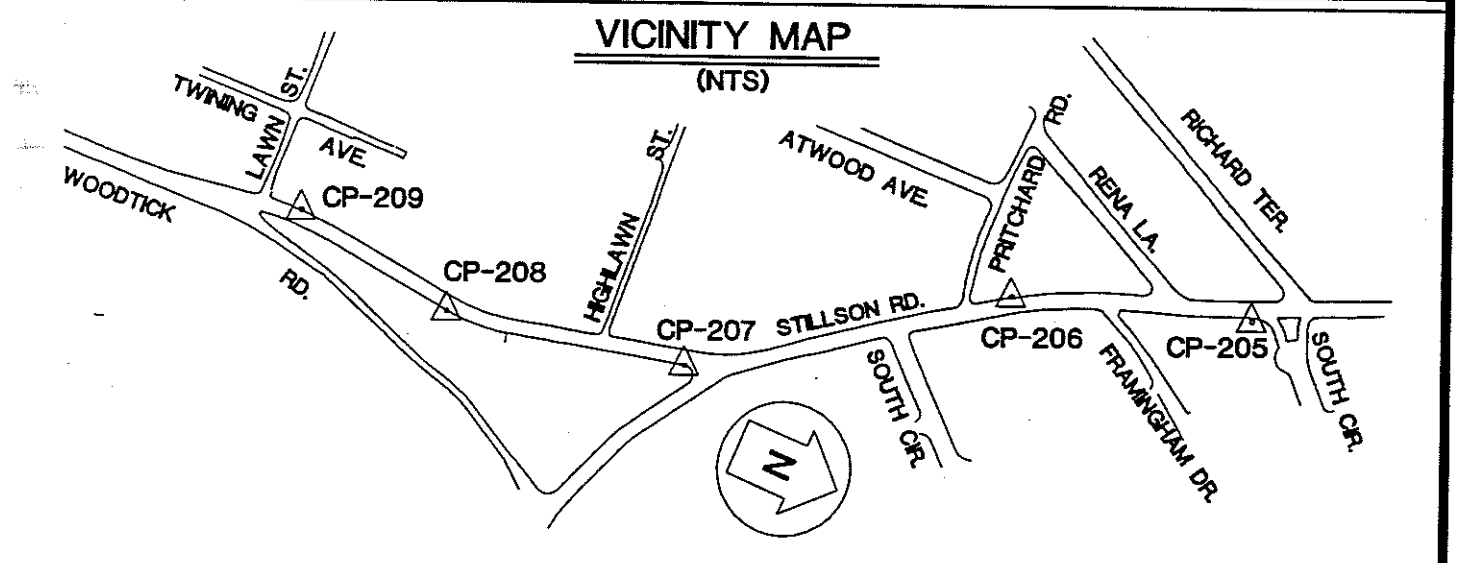
**ELEVATIONS**

\_\_\_\_\_ FEET  
 (NAVD 88)

DATE \_\_\_\_\_

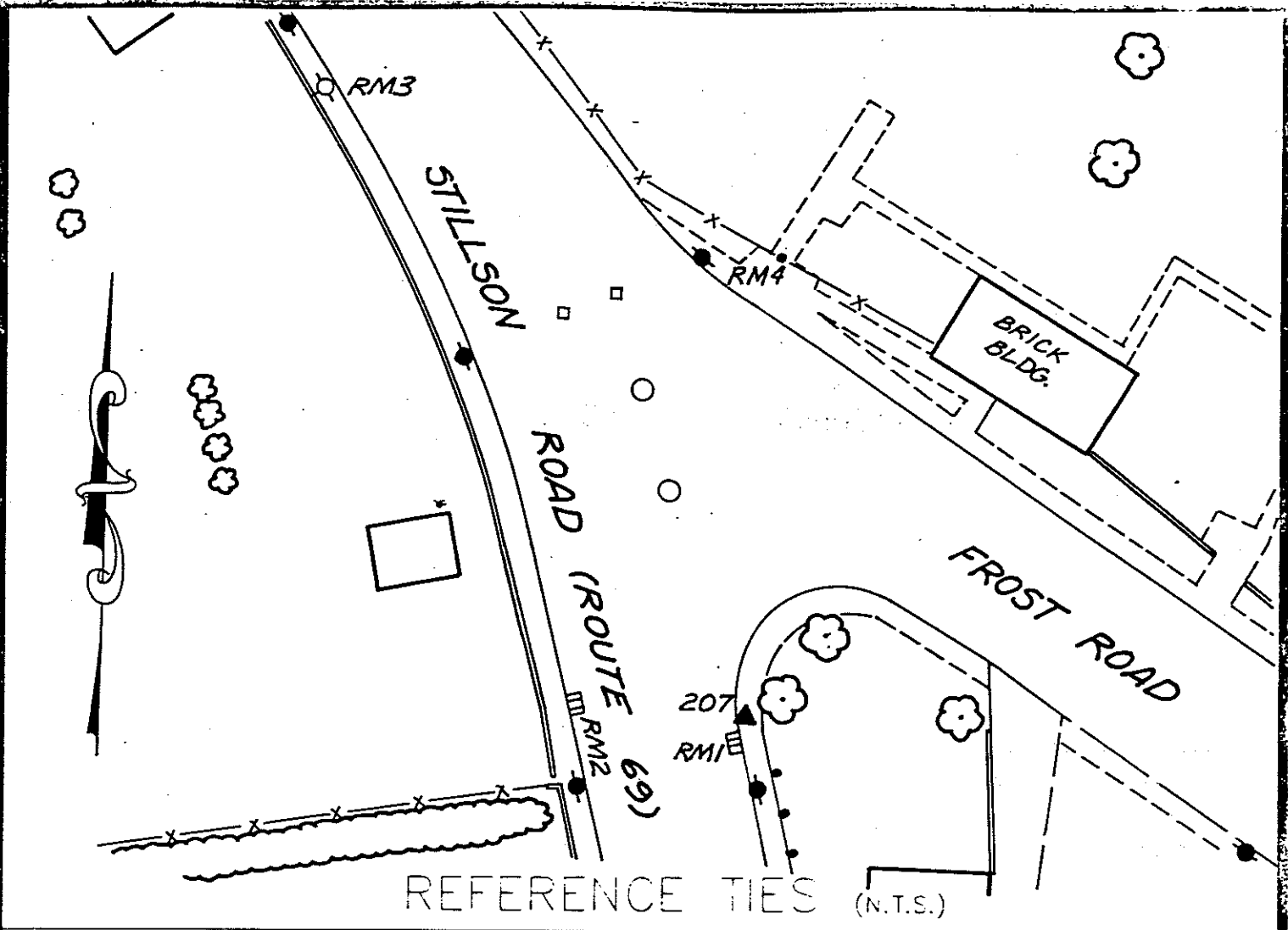
\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-206	859.330	0°-00'-00"	323°-56'-02.7"
CP-208	620.209	205°-03'-40.5"	168°-59'-43.2"
RM1	3.51	48°-36'-56"	
RM2	58.10	338°-29'-04"	
RM3	180.35	07°-40'-14"	
RM4	109.16	39°-58'-52"	

SEE REVERSE SIDE FOR REFERENCE TIES



COMMENTS

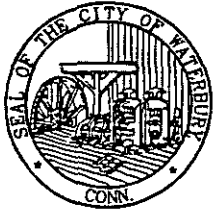
STATION #207: SET ROD MONUMENT IN BIT. WALK, 18.7' NORTH OF CL&P POLE #F9428, 1' BEHIND BIT. CURB

RM1: SOUTH OF STATION - A CHISEL CROSS IN THE CENTER OF THE STEEL CURB OF A CATCH BASIN

RM2: WEST OF STATION - A CHISEL CROSS IN THE CENTER OF THE STEEL CURB OF A CATCH BASIN

RM3: NORTHWEST OF STATION - TOP OF FIRE HYDRANT, 18.5' SOUTH OF POLE #F8903

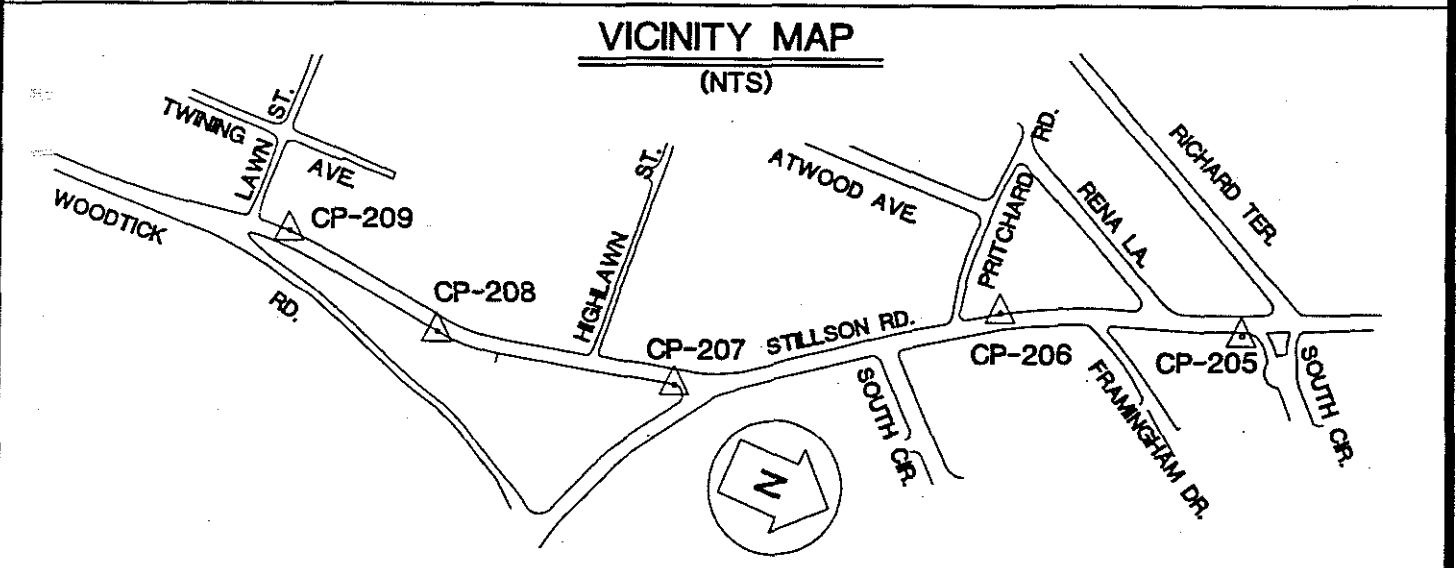
RM4: NORTH OF STATION - A 3/8" DRILL HOLE IN CONCRETE ENTRANCE TO WATERBU Y HEBREW BENEFIT ASSOCIATION CEMETERY



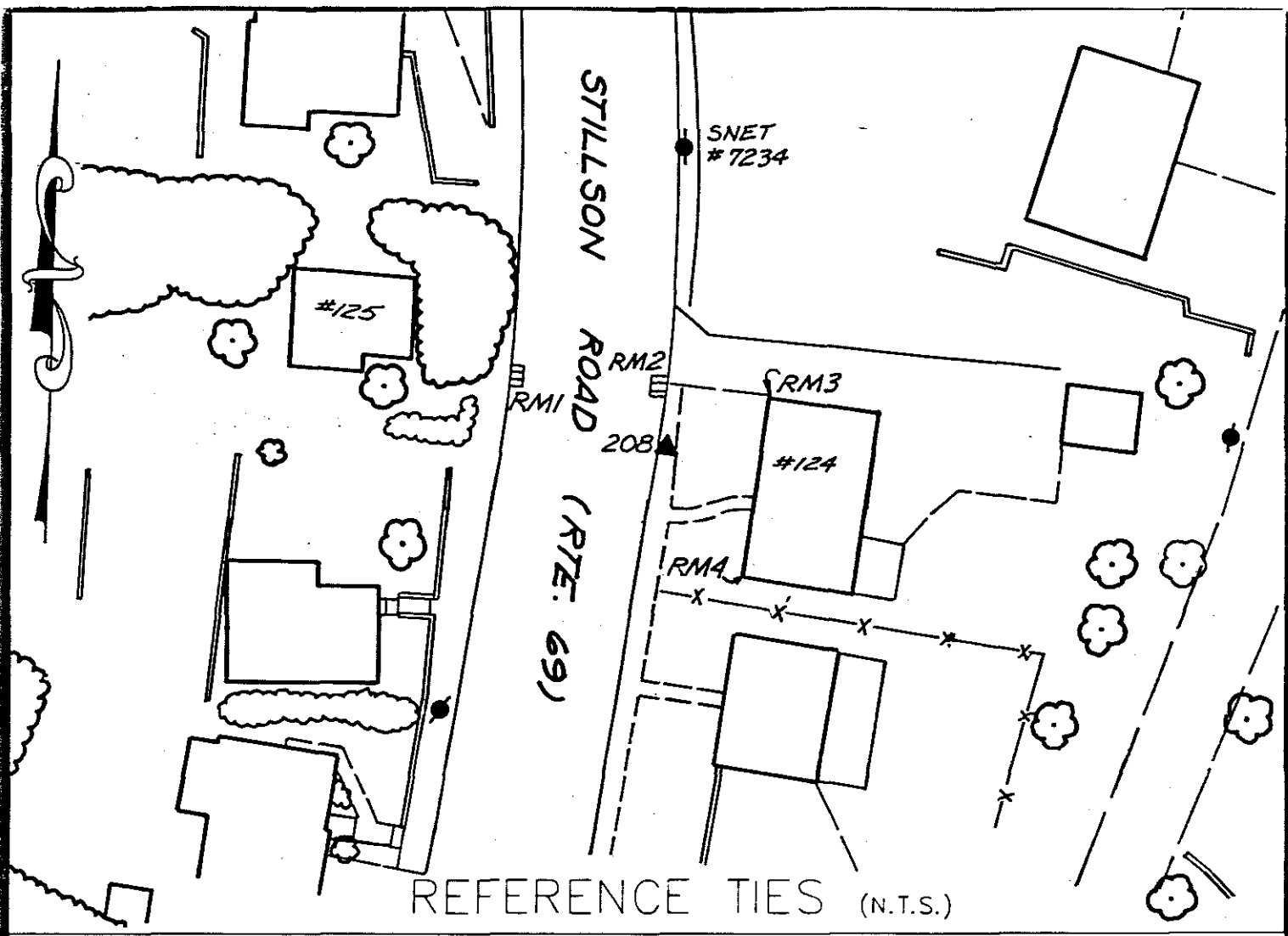
# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
**LAND SURVEYORS**  
 75 KITTS LANE NEWINGTON, CT (203) 866-0134

<b>STATE PLANE COORDS (NAD '83 PRELIMINARY)</b> N. _____ FEET E. _____ FEET DATE _____	<b>GEOGRAPHIC POSITION (NAD '83 PRELIMINARY)</b> LAT. _____ LONG. _____ DATE _____	<b>STATION #</b> CP-208  IN THE TOWN OF WATERBURY																		
<b>STATE PLANE COORDS (NAD '83 FINAL)</b> N. 764,424.451 FEET E. 930,275.976 FEET DATE 6 - 15 - 93	<b>GEOGRAPHIC POSITION (NAD '83 FINAL)</b> LAT. 41°-33'-31.55617" LONG. 73°-00'-17.13896" THETA ANGLE - 0°-10'-08.1"	<b>TYPE OF MARKER</b> CITY ROD MON.  <b>ALSO REFERRED TO AS STATION #</b> _____																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">CONDITION OF STATION</th> <th style="width: 15%;">BY</th> <th style="width: 35%;">DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>		CONDITION OF STATION	BY	DATE																<b>ELEVATIONS</b>  _____ FEET (NAVD 88) DATE _____  _____ FEET (CITY OF WATERBURY DATUM) DATE _____
CONDITION OF STATION	BY	DATE																		



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-207	620.209	0°-00'-00"	348°-58'-43.2"
CP-209	454.970	201°-44'-33.5"	190°-44'-16.7"
RM1	40.80	272°-27'-42"	
RM2	5.41	05°-21'-10"	
RM3	28.56	92°-28'-06"	
RM4	43.30	161°-44'-29"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #208: SET ROD MONUMENT IN BIT. WALK, 1' BEHIND BIT. CURB

RM1: WEST OF STATION - A CHISEL CROSS IN THE CENTER OF THE STEEL CURB OF CATCH BASIN

RM2: NORTH OF STATION - A CHISEL CROSS IN THE STEEL CURB OF CATCH BASIN

RM3: EAST OF STATION - THE NORTHWEST CORNER OF FOUNDATION FOR HOUSE #124, MEASUREMENT TAKEN 2' ABOVE BIT. DRIVEWAY

RM4: SOUTHEAST OF STATION - THE SOUTHWEST CORNER OF FOUNDATION FOR HOUSE #124, MEASUREMENT TAKEN 1' ABOVE GROUND





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
78 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-209

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 763,977.448 FEET

E. 930,191,207 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-27.13740"

LONG. 73°-00'-18.23665"

THETA ANGLE - 0°-10'-08.8"

**TYPE OF MARKER**  
CITY ROD MON

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

**ELEVATIONS**

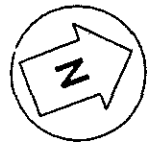
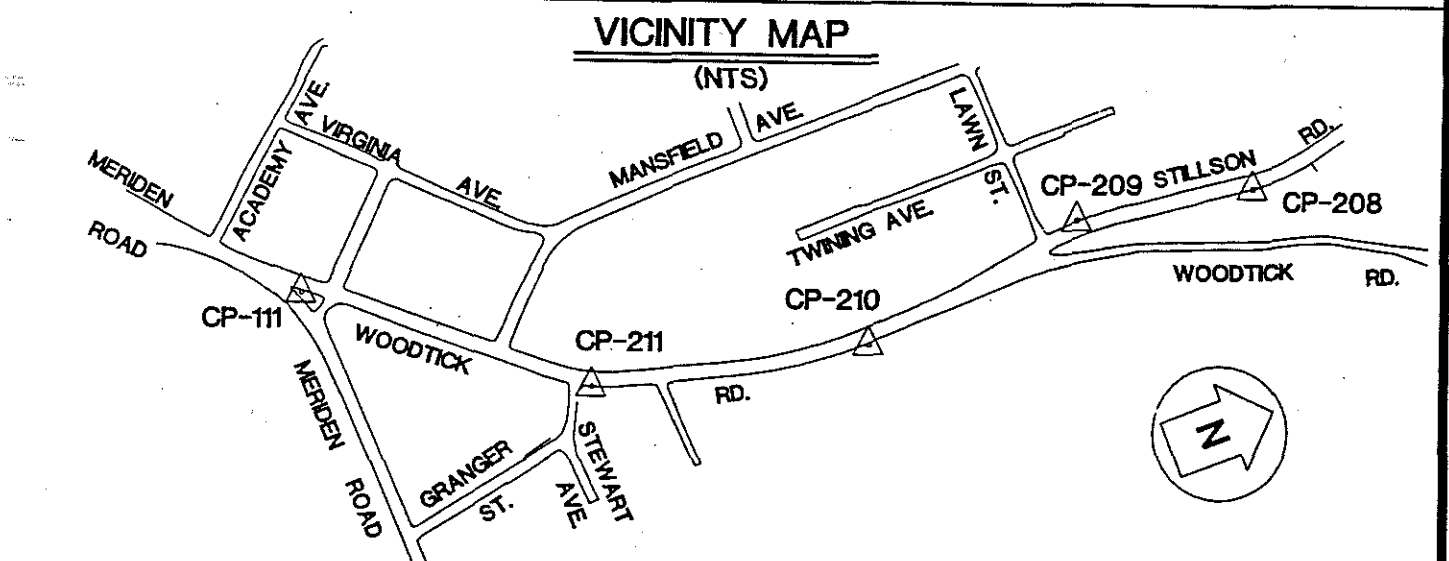
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

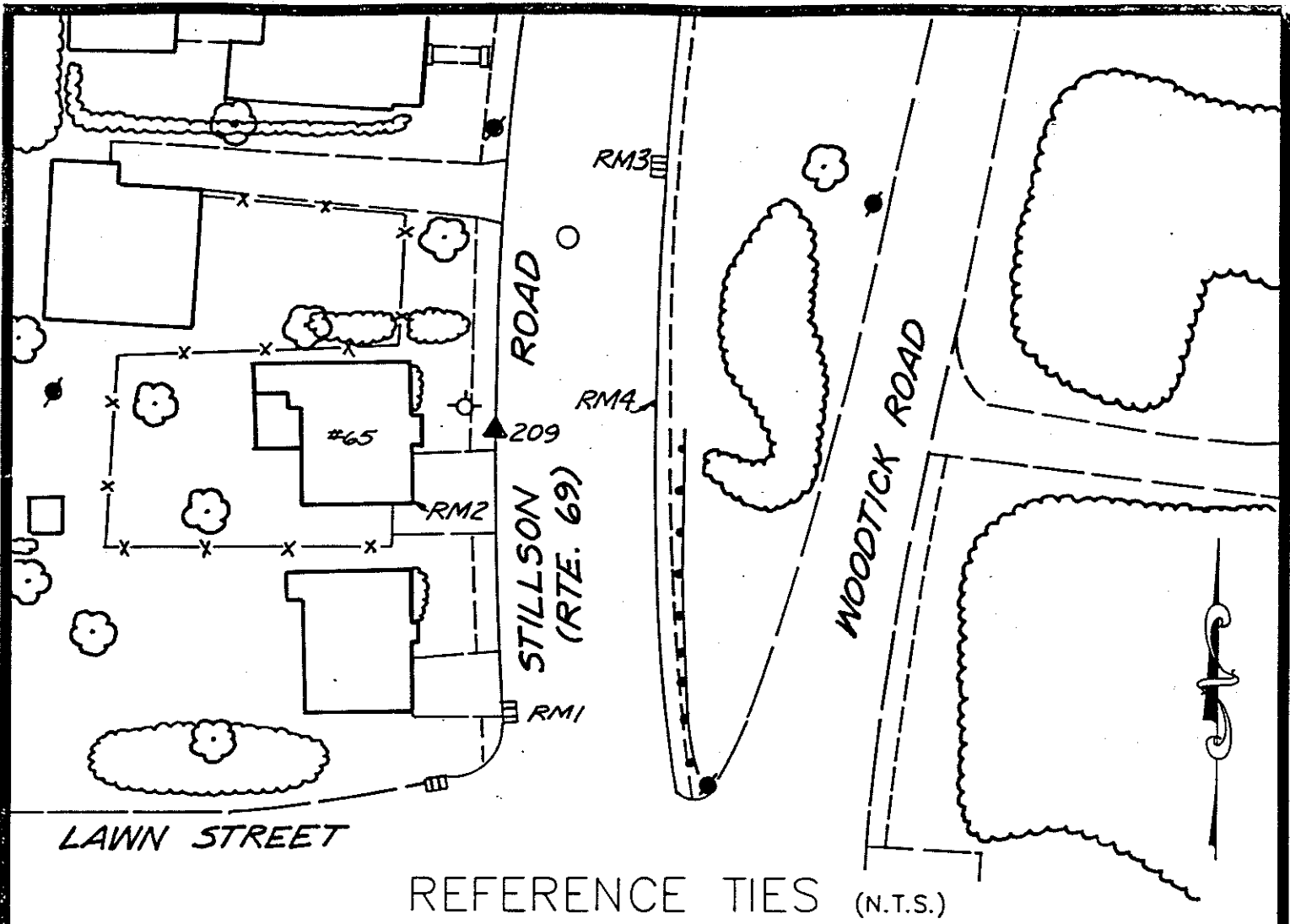
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-208	454.970	0°-00'-00"	10°-44'-16.7"
CP-210	623.827	159°-22'-37.3"	170°-06'-54.0"
RM1	73.30	165°-48'-17"	
RM2	75.82	183°-48'-58"	
RM3	72.40	23°-32'-11"	
RM4	39.63	76°-53'-07"	



REFERENCE TIES (N.T.S.)

COMMENTS

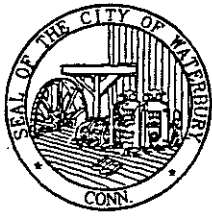
STATION #209: SET ROD MONUMENT, 102' NORTH OF CENTERLINE OF LAWN ST., AND 20' EAST OF HOUSE #65

RM1: SOUTH OF STATION - A CHISEL MARK IN THE STEEL CURB OF CATCH BASIN


RM2: SOUTHWEST OF STATION - THE CORNER OF THE SIXTH CINDER BLOCK ABOVE THE BIT. ON THE NORTH SIDE OF GARAGE DOOR FOR HOUSE #65

RM3: NORTHEAST OF STATION - A CHISEL "+" IN THE CENTER OF STEEL CURB OF CATCH BASIN

RM4: EAST OF STATION - PK NAIL IN TOP OF BIT. CURB



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

  
**THE BONGIOVANNI  
GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 868-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**

CP-210

IN THE TOWN OF  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 763,362.882 FEET

E. 830,298.300 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-21.06874"

LONG. 73°-00'-16.80417"

THETA ANGLE - 0°-10'-07.9"

**TYPE OF MARKER**

GRANITE CITY MON.

**ALSO REFERRED TO AS STATION #**

\_\_\_\_\_

**ELEVATIONS**

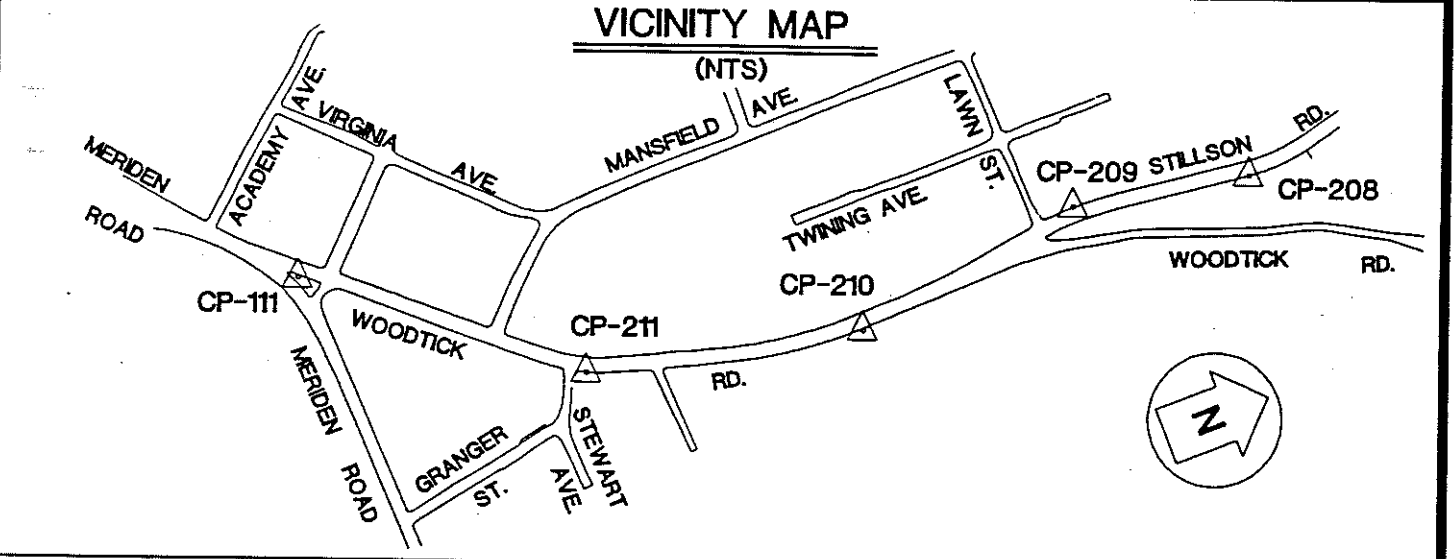
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

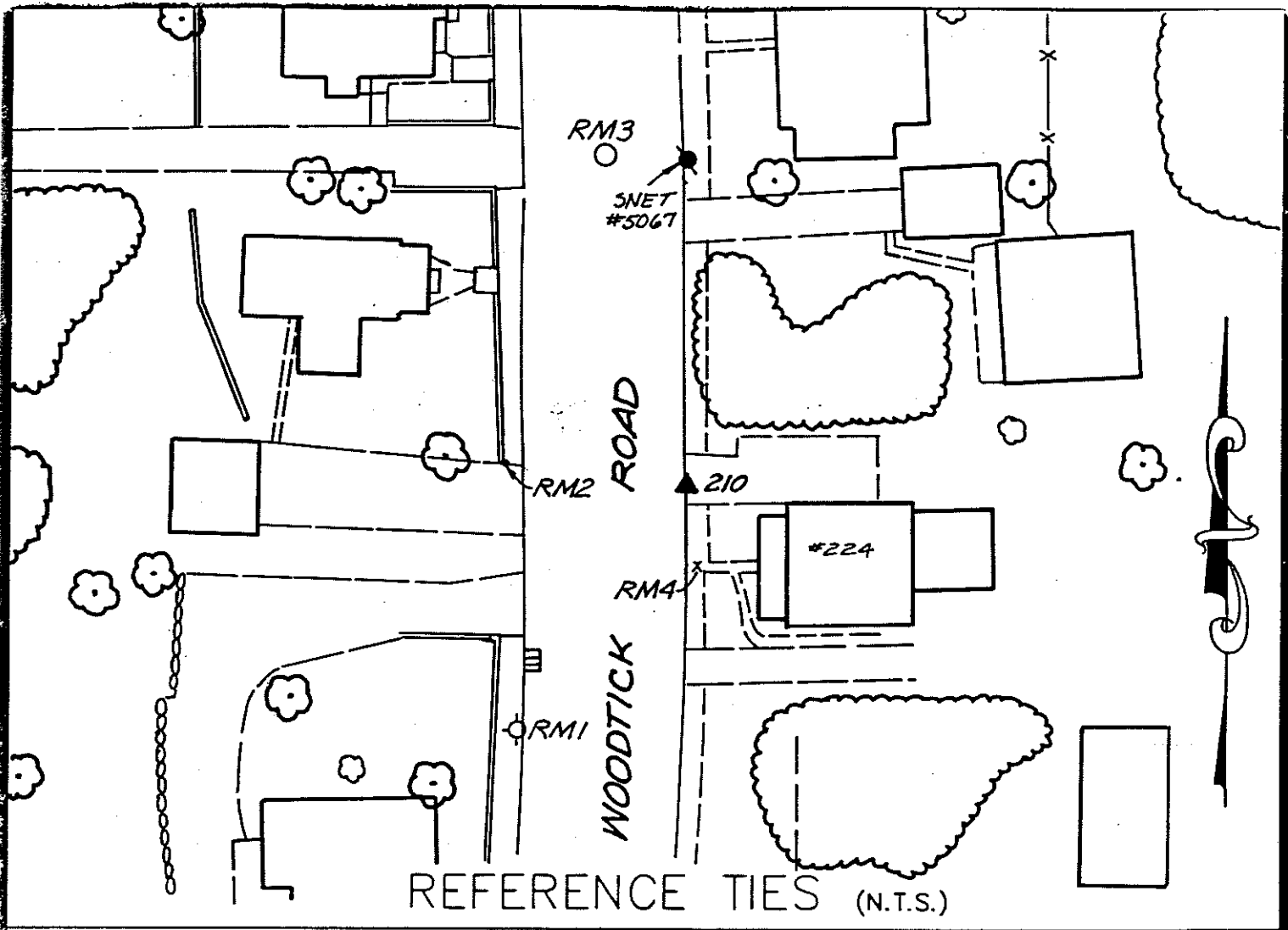
DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-209	623.827	0°-00'-00"	350°-06'-54.0"
CP-211	719.822	202°-04'-03.5"	192°-10'-57.5"
RM1	75.97	226°-05'-19"	
RM2	50.40	278°-55'-30"	
RM3	82.44	350°-35'-16"	
RM4	2120	183°-33'-42"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

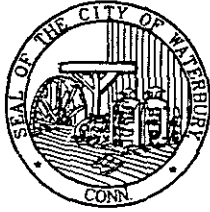
STATION #210: A CITY OF WATERBURY GRANITE R.O.W. MERESTONE, IN CENTERLINE OF GRAVEL DRIVEWAY AT BACK EDGE OF BIT. WALK

RM1: SOUTHWEST OF STATION - TOP OF FIRE HYDRANT, 18' SOUTH OF CATCH BASIN

RM2: WEST OF STATION - A 3/8" DRILL HOLE IN TOP OF STONE AND CONCRETE RETAINING WALL, SOUTHEAST CORNER

RM3: NORTHWEST OF STATION - A CHISEL CROSS IN THE NORTH RIM OF WATERBURY MANHOLE

RM4: SOUTH OF STATION - A 3/8" DRILL HOLE IN CONCRETE WALK LEADING TO HOUSE #224



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

  
**THE BONGIOVANNI  
GROUP, INC.**  
 LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 869-0334

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-211

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 762,659.271 FEET

E. 930,146.397 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-14.11278"

LONG. 73°-00'-18.77484"

THETA ANGLE - 0°-10'-09.2"

**TYPE OF MARKER**  
BRASS DISK

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

**ELEVATIONS**

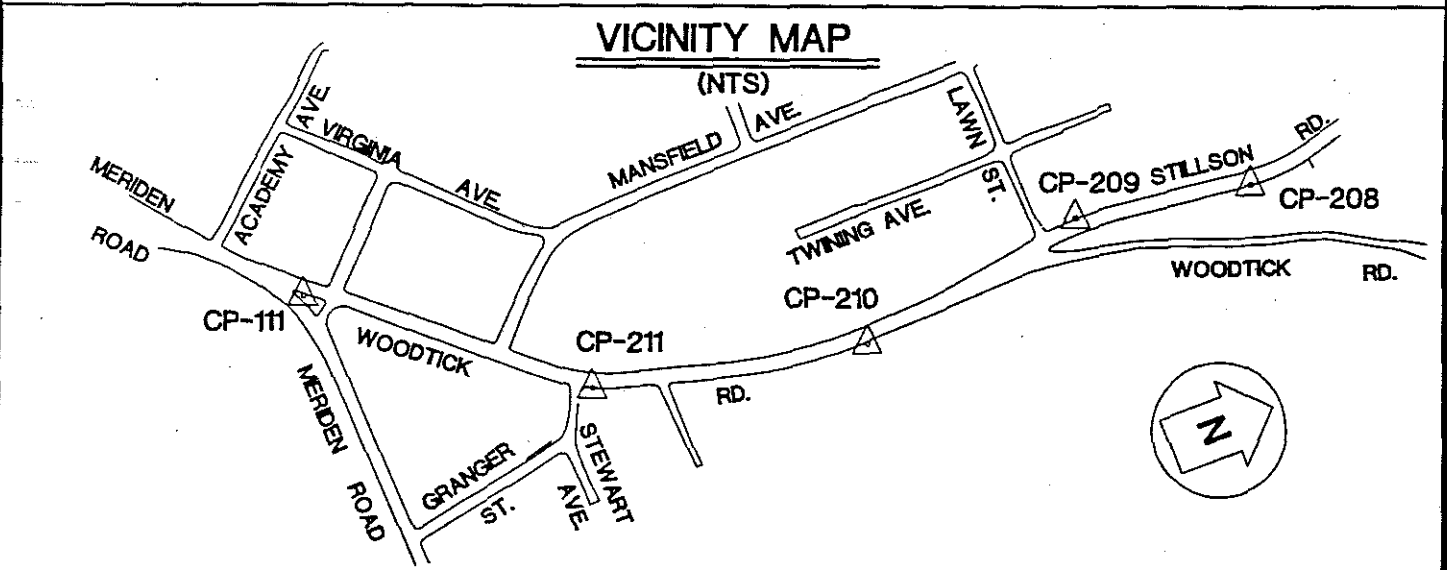
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

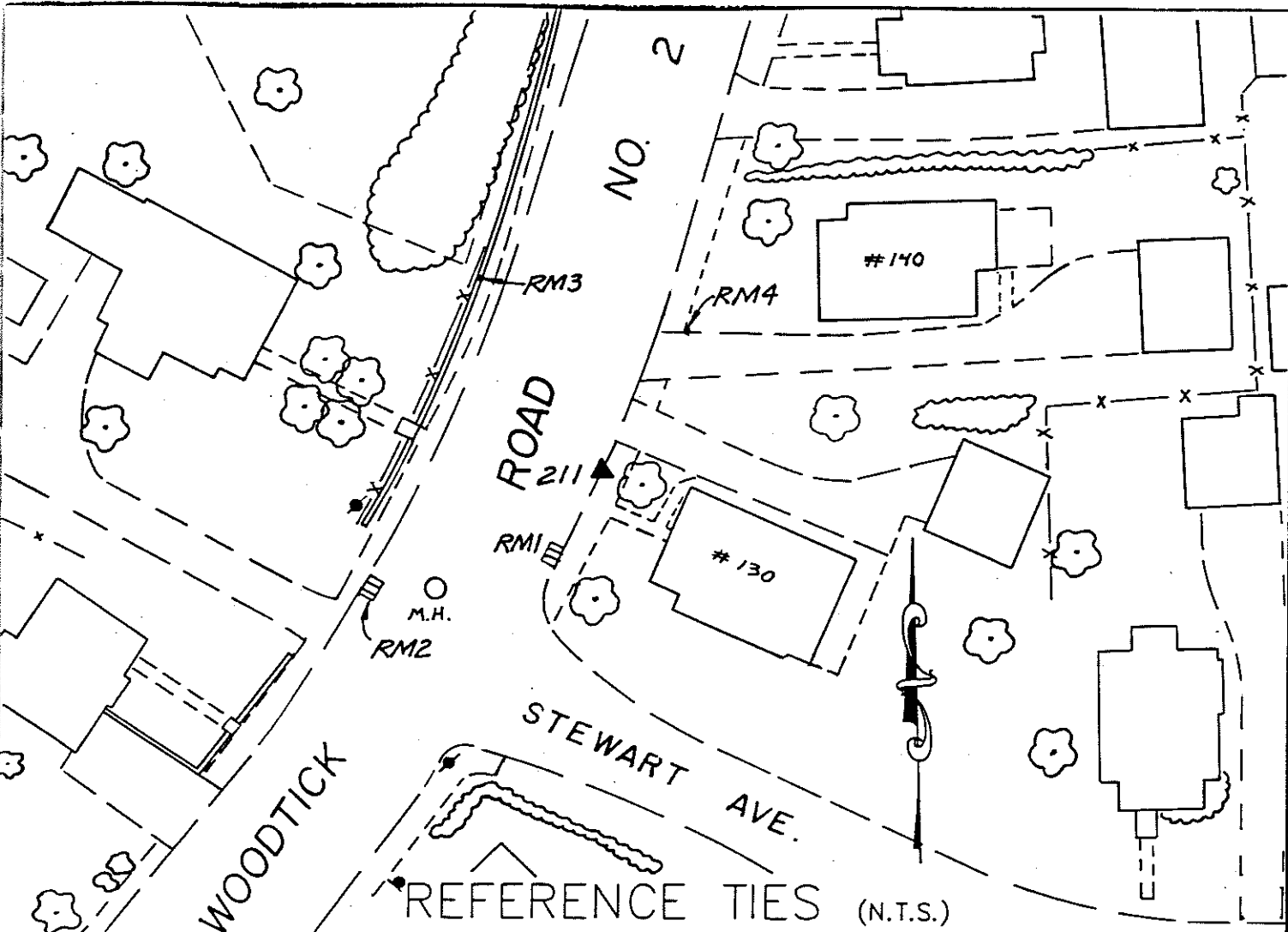
DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-210	719.822	0°-00'-00"	12°-10'-57.5"
CP-111	775.809	206°-42'-218"	218°-53'-19.3"
RM1	9.17	194°-06'-41"	
RM2	46.57	250°-38'-34"	
RM3	61.16	324°-50'-18"	
RM4	52.30	16°-05'-27"	

SEE REVERSE SIDE FOR REFERENCE TIES



COMMENTS

STATION #211: A BRASS DISK IN CONCRETE CURB, EAST SIDE OF WOODTICK RD., 65' NORTH OF SNET CO. POLE #5060

RM1: SOUTH OF STATION - A CHISEL CROSS IN THE CENTER OF STEEL CURB OF CATCH BASIN ON EAST SIDE OF THE ROAD

RM2: SOUTHWEST OF STATION - A CHISEL CROSS IN THE CENTER OF STEEL CURB OF CATCH BASIN ON WEST SIDE OF ROAD

RM3: NORTHWEST OF STATION - A 3/8" DRILL HOLE IN THE TOP OF STONE AND CONCRETE RETAINING WALL, 5' SOUTH OF SNET CO. POLE #5061

RM4: NORTH OF STATION - A 3/8" DRILL HOLE IN THE TOP OF STONE RETAINING WALL ON NORTH SIDE OF BIT. DRIVEWAY FOR HOUSE #140



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-300

**IN THE TOWN OF**  
WATERTOWN

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 783,388.041 FEET

E. 913,855.892 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-38'-38.37846"

LONG. 73°-03'-54.03380"

THETA ANGLE - 0°-12'-31.9"

**TYPE OF MARKER**  
CITY ROD MON.

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

CONDITION OF STATION	BY	DATE

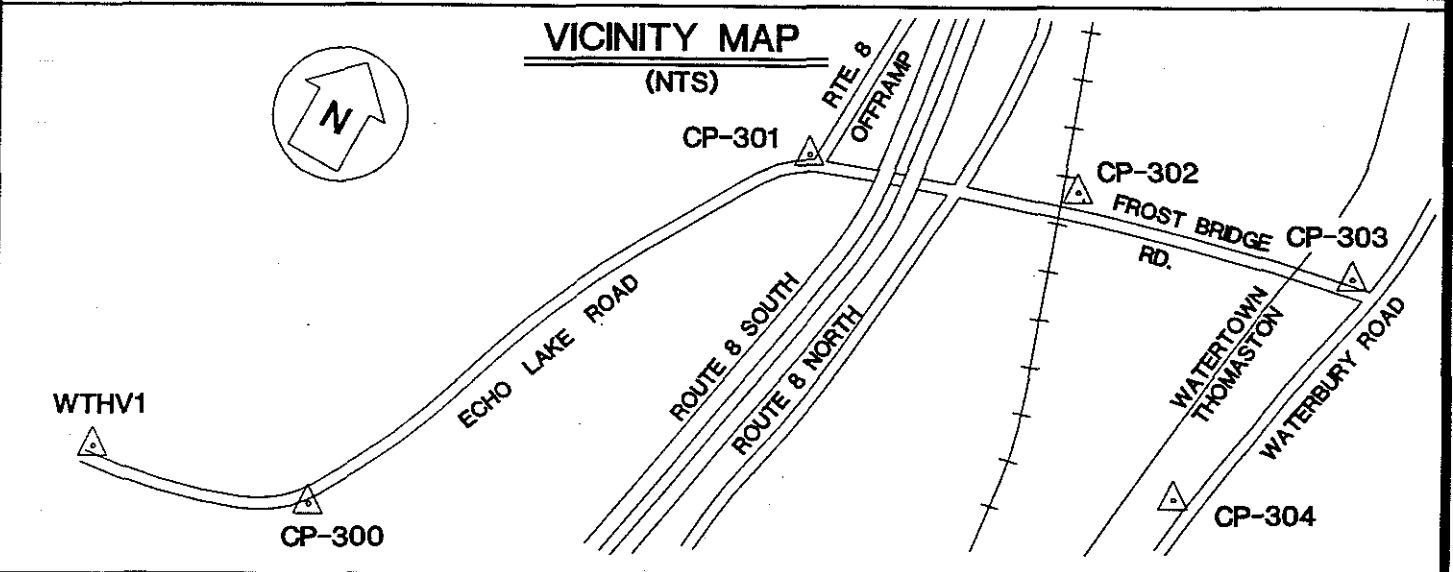
**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

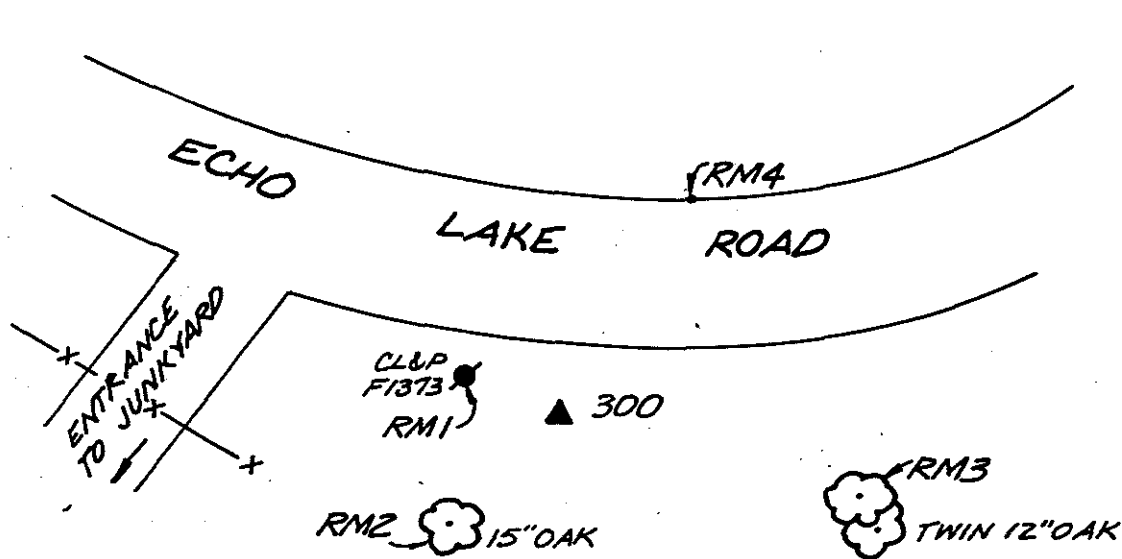
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
WTHV1	572.803	0°-00'-00"	255°-38'-20.4"
CP-300	1563.009	130°-38'-57.8"	26°-17'-18.1"
RM1	4.90	19°-44'-09"	
RM2	13.41	296°-49'-55"	
RM3	50.83	179°-30'-25"	
RM4	52.57	95°-34'-18"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #300: ROD MONUMENT IN TOP OF SLOPE LOCATED 15' SOUTH OF THE EDGE OF ECHO LAKE ROAD, 40' EAST OF EAST EDGE OF BIT. ENTRANCE TO JUNKYARD AND 6' EAST OF CL&P #F1373

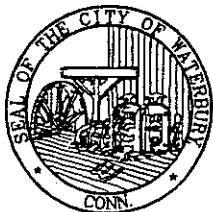
RM1: WEST OF STATION - A PK NAIL IN CL&P POLE #F1373 LOCATED 2' ABOVE THE GROUND

RM2: SOUTH OF STATION - A PK NAIL IN A 15" OAK TREE LOCATED 40' SOUTH OF EAST EDGE OF ENTRANCE TO JUNKYARD AND 20' SOUTH OF SOUTH SIDE OF ECHO LAKE ROAD. PK NAIL IS 3' ABOVE THE GROUND

RM3: EAST OF STATION - A PK NAIL IN A TWIN 12" OAK TREE LOCATED 30' SOUTH OF SOUTH SIDE OF ECHO LAKE ROAD. PK NAIL IS 7' ABOVE THE GROUND

RM4: NORTH OF STATION - A PK NAIL IN TOP OF BIT. CURB ON NORTH SIDE OF ECHO LAKE ROAD





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-301

**IN THE TOWN OF**  
WATERTOWN

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 784,789.398 FEET

E. 914,548.132 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-36'-52.24622"

LONG. 73°-03'-44.98768"

THETA ANGLE - 0°-12'-25.9"

**TYPE OF MARKER**  
CITY ROD MON.

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

CONDITION OF STATION	BY	DATE

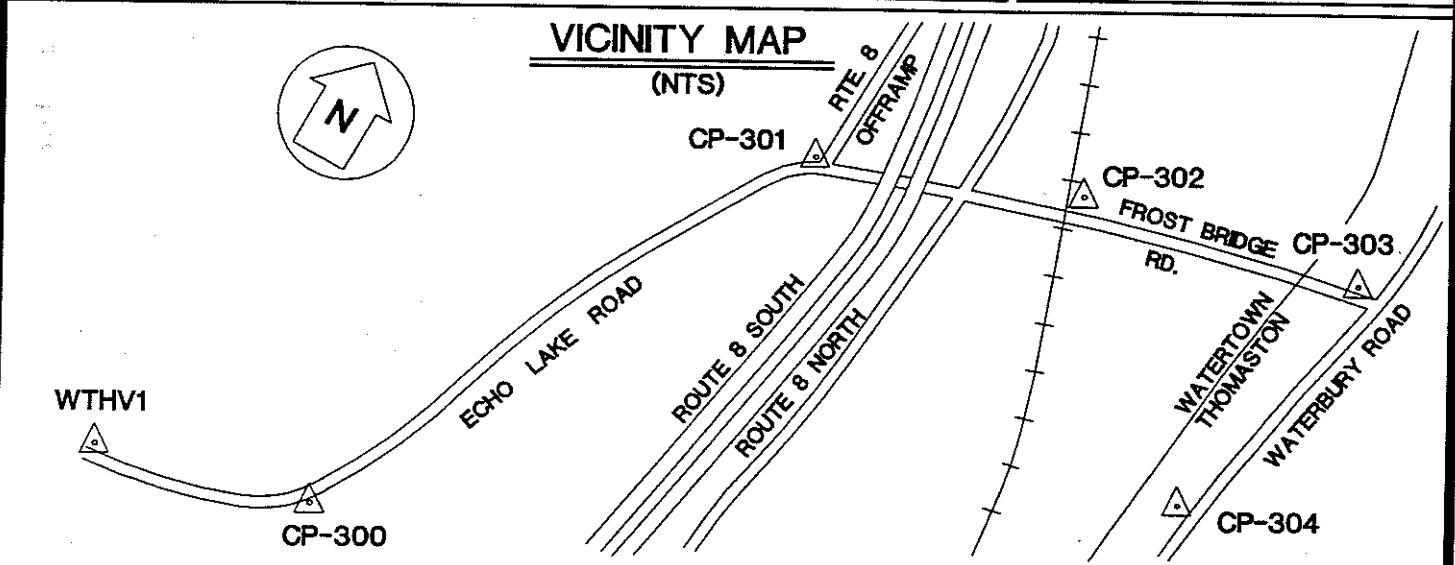
**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

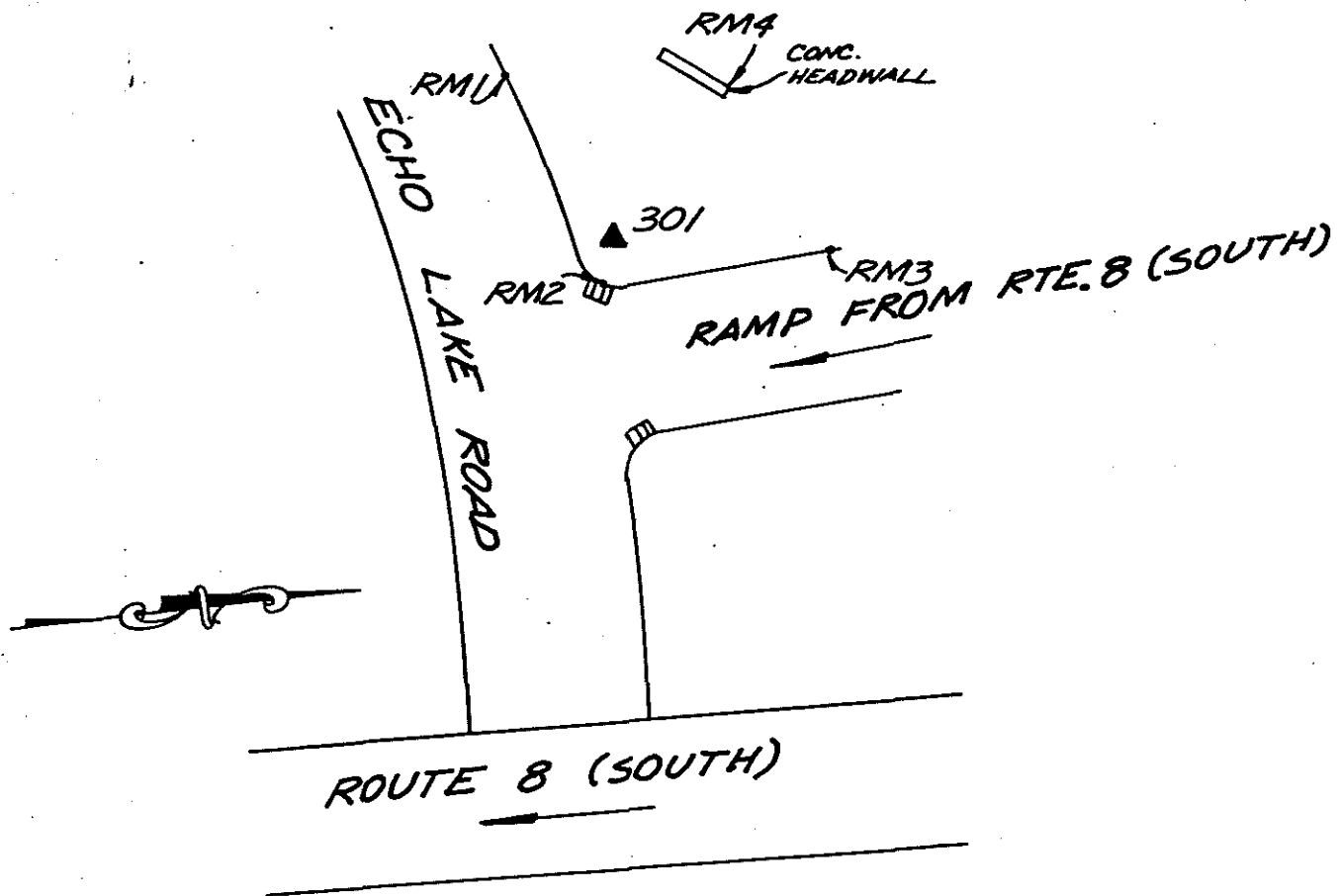
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-300	1563.009	0°-00'-00"	206°-17'-18.1"
CP-302	684.613	220°-40'-14.1"	66°-57'-32.3"
RM1	23.79	358°-27'-42"	
RM2	5.20	183°-08'-59"	
RM3	33.70	142°-01'-48"	
RM4	64.06	105°-08'-22"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #301: ROD MONUMENT AT SOUTHWEST CORNER OF EXIT RAMP FROM SOUTHBOUND ROUTE 8 AND ECHO LAKE ROAD. MONUMENT IS 3' WEST OF CATCH BASIN AT END OF EXIT RAMP

RM1: WEST OF STATION - PK NAIL IN TOP OF CURB ON NORTH SIDE OF ECHO LAKE ROAD, 20' WEST OF WEST SIDE OF EXIT RAMP FROM ROUTE 8 SOUTHBOUND

RM2: EAST OF STATION - DRILL HOLE IN TOP OF CURB AT CATCH BASIN ON WEST SIDE OF ROUTE 8 EXIT RAMP, 5' NORTH OF NORTH SIDE OF ECHO LAKE ROAD

RM3: NORTH OF STATION - PK NAIL IN TOP OF CURB ON WEST SIDE OF ROUTE 8 EXIT RAMP. PK NAIL IS 36' NORTH OF NORTH SIDE OF ECHO LAKE ROAD

RM4: NORTHWEST OF STATION - DRILL HOLE IN NORTHWEST CORNER OF CONCRETE HEADWALL. DRILL HOLE IS 75' NORTH OF NORTH SIDE OF ECHO LAKE ROAD AND 30' WEST OF WEST SIDE OF ROUTE 8 EXIT RAMP



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-302

**IN THE TOWN OF**  
WATERTOWN

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 785,057.349 FEET

E. 915,178.130 FEET

DATE 8 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-38'-54.91592"

LONG. 73°-03'-36.70640"

THETA ANGLE - 0°-12'-20.4"

**TYPE OF MARKER**  
CITY ROD MON.

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

**ELEVATIONS**

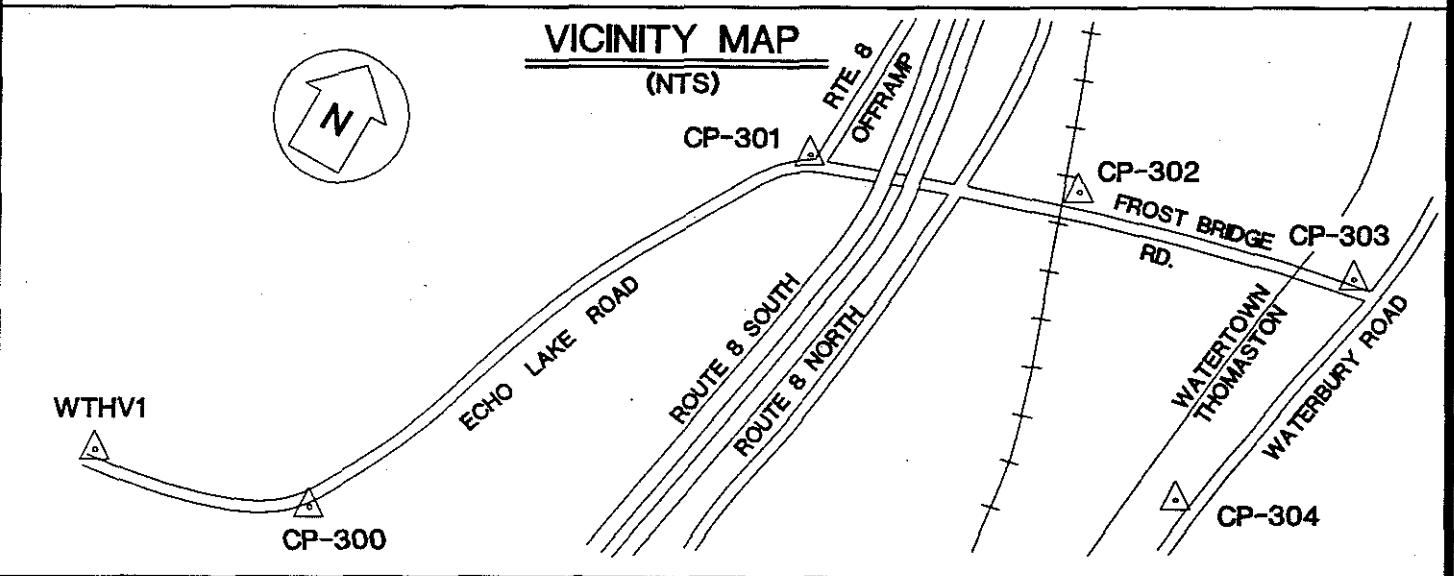
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

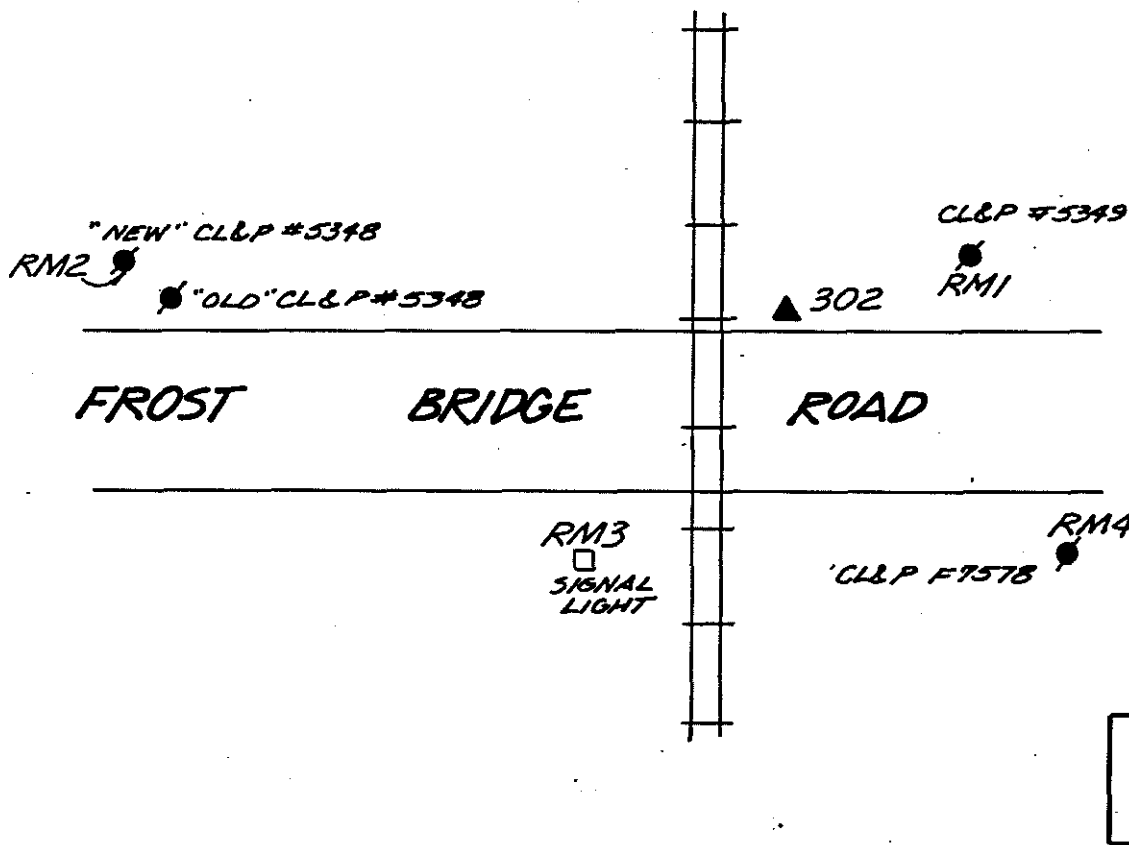
DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-301	684.613	0°-00'-00"	246°-57'-32.3"
CP-303	728.323	192°-12'-59.3"	79°-10'-31.5"
RM1	34.70	172°-09'-29"	
RM2	94.56	09°-27'-11"	
RM3	55.34	301°-08'-54"	
RM4	85.35	221°-03'-18"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #302: ROD MONUMENT 2' NORTH OF NORTH SIDE OF FROST BRIDGE ROAD, 10' EAST OF CENTERLINE OF RAILROAD TRACKS

RM1: EAST OF STATION - PK NAIL IN CL&P POLE #5349, 10' NORTH OF NORTH SIDE OF FROST BRIDGE ROAD, 45' EAST OF CENTERLINE OF RAILROAD TRACKS. PK NAIL IS 2' ABOVE THE GROUND

RM2: WEST OF STATION - PK NAIL IN "NEW" CL&P POLE #5348, 10' NORTH OF NORTH SIDE OF FROST BRIDGE ROAD, 90' WEST OF CENTERLINE OF RAILROAD TRACKS. PK NAIL IS 2' ABOVE THE GROUND

RM3: SOUTHWEST OF STATION - CHISELLED "+" IN NORTHEAST ANCHOR BOLT OF SIGNAL LIGHT BASE. RM3 IS 4' SOUTH OF SOUTH SIDE OF FROST BRIDGE ROAD AND 12' WEST OF CENTERLINE OF RAILROAD TRACKS

RM4: SOUTHEAST OF STATION - PK NAIL IN CL&P POLE #F7578, 75' EAST OF CENTERLINE OF RAILROAD TRACKS, 5' SOUTH OF SOUTH SIDE OF FROST BRIDGE ROAD. PK NAIL IS 3' ABOVE THE GROUND



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-303

IN THE TOWN OF  
THOMASTON

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 785,194.130 FEET

E. 915,893.494 FEET

DATE 8 - 15 - 83

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-36'-56.29253"

LONG. 73°-03'-27.29490"

THETA ANGLE - 0°-12'-14.2"

**TYPE OF MARKER**  
BRASS DISK

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

CONDITION OF STATION	BY	DATE

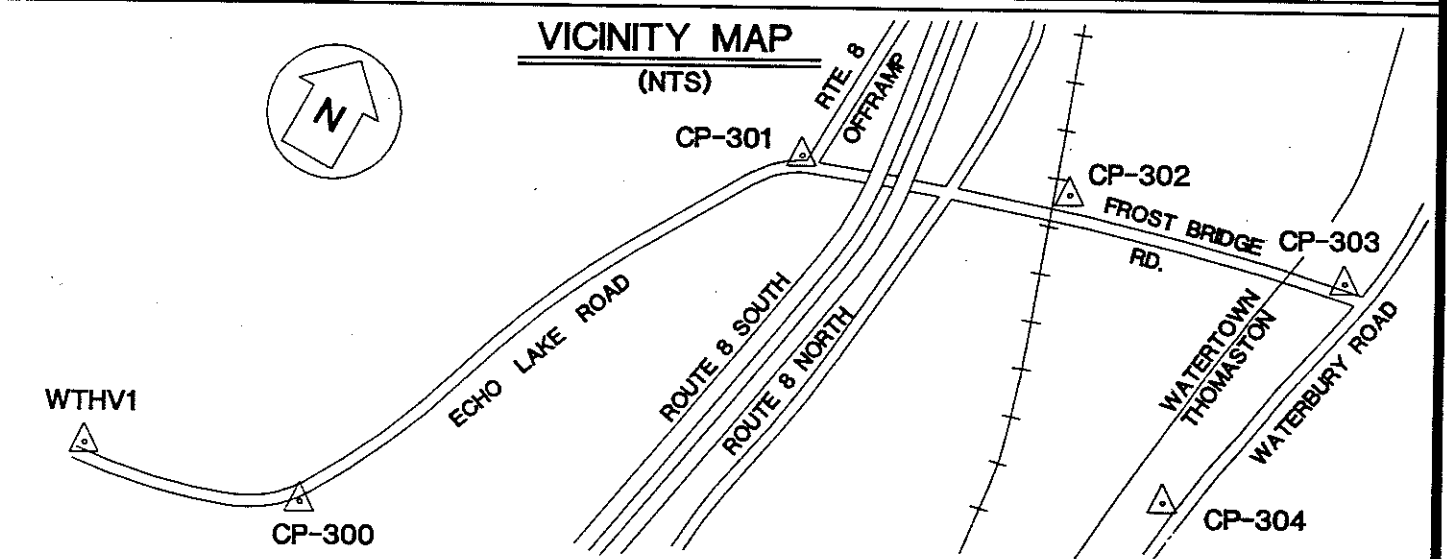
**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

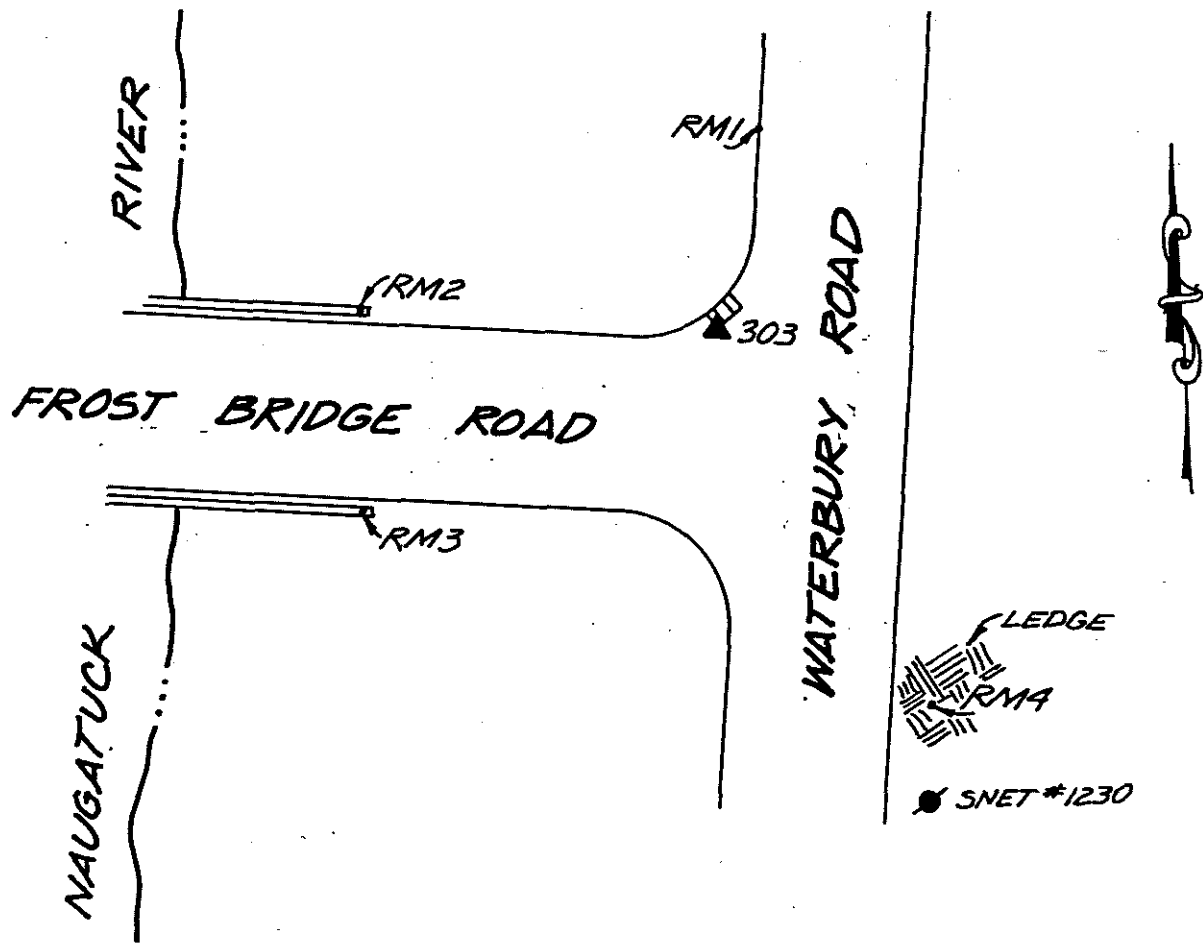
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-302	728.323	0°-00'-00"	259°-10'-31.5"
CP-304	713.839	289°-43'-12.0"	188°-53'-43.5"
RM1	35.08	142°-43'-31"	
RM2	8.26	13°-11'-28"	
RM3	76.90	308°-30'-20"	
RM4	88.15	269°-59'-28"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #303: BRASS DISK IN THE SOUTHWEST CORNER OF CATCH BASIN. CATCH BASIN IS AT THE NORTHWEST CORNER OF THE INTERSECTION OF FROST BRIDGE ROAD AND WATERBURY ROAD

RM1: NORTH OF STATION - PK NAIL IN TOP OF CURB ON WEST SIDE OF WATERBURY ROAD. PK NAIL IS 25' NORTH OF NORTH SIDE OF FROST BRIDGE ROAD

RM2: WEST OF STATION - CHISELLED "+" ON THE MOST EASTERLY BOLT OF STEEL HAND RAIL ON TOP OF PARAPET WALL. WALL IS ON THE NORTH SIDE OF FROST BRIDGE ROAD AT BRIDGE OVER NAUGATUCK RIVER

RM3: SOUTHWEST OF STATION - CHISELLED "+" ON THE MOST EASTERLY BOLT OF STEEL HAND RAIL ON TOP OF PARAPET WALL. WALL IS ON THE SOUTH SIDE OF FROST BRIDGE ROAD AT BRIDGE OVER NAUGATUCK RIVER

RM4: SOUTH OF STATION - PK NAIL IN LEDGE, 5' OFF EAST SIDE OF WATERBURY ROAD, 10' NORTH OF SNET CO. POLE #1230 AND 45' SOUTH OF THE INTERSECTION OF FROST BRIDGE ROAD AND WATERBURY ROAD



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KITT'S LANE NEWINGTON, CT (203) 688-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-304

IN THE TOWN OF  
THOMASTON

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 784,488.877 FEET

E. 915,783.112 FEET

DATE 8 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-36'-49.32099"

LONG. 73°-03'-28.71502"

THETA ANGLE - 0°-12'-15.1"

TYPE OF MARKER  
CITY ROD MON.

ALSO REFERRED TO AS STATION # \_\_\_\_\_

**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

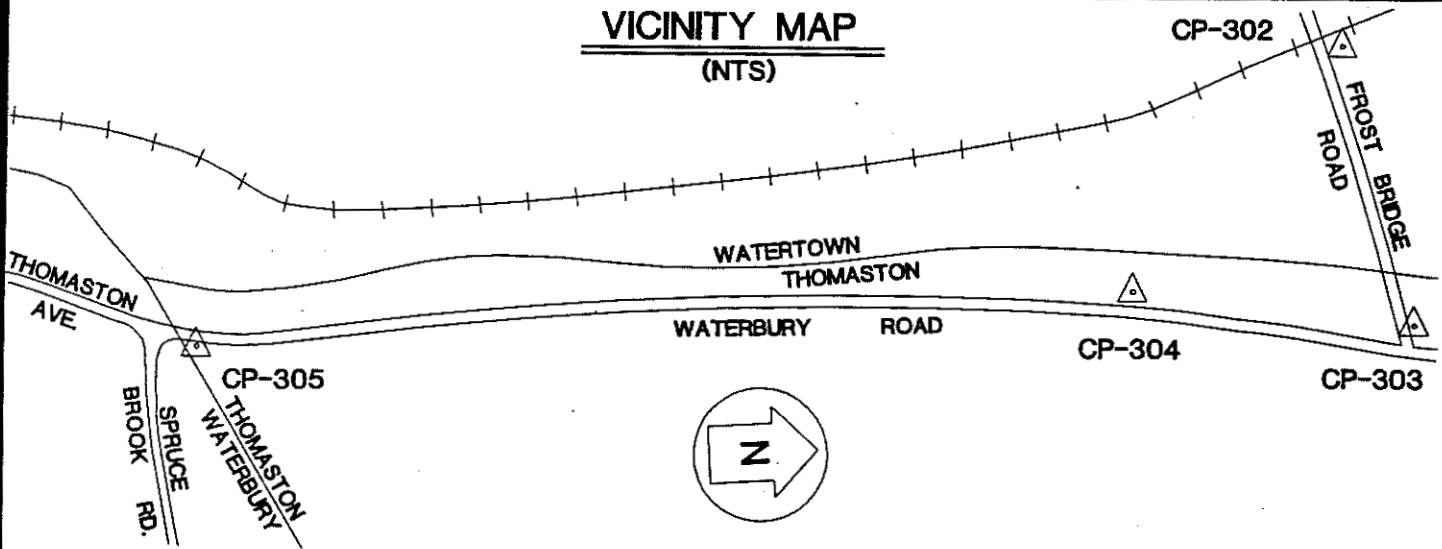
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE

## VICINITY MAP (NTS)



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-303	713.839	0°-00'-00"	08°-53'-43.5"
CP-305	2409.433	170°-35'-24.1"	179°-29'-07.6"
RM1	58.40	31°-01'-25"	
RM2	45.47	337°-07'-08"	
RM3	32.83	202°-06'-07"	
RM4	44.51	117°-37'-30"	

SEE REVERSE SIDE FOR REFERENCE TIES



HOUSE

RM1  
● SNET #1226

● SNET #1225

RM4

WATERBURY ROAD

← 500± TO  
FROST BRIDGE RD.

▲ 304

RM2 ● SNET #12265

RM3  
○ 6" ELM

### REFERENCE TIES (N.T.S.)

#### COMMENTS

STATION #304: ROD MONUMENT, 4' WEST OF THE WEST SIDE OF WATERBURY ROAD AND 45' SOUTH OF SNET CO. POLE #1226

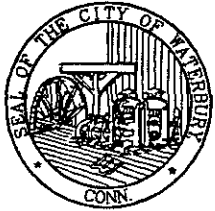
RM1: NORTHEAST OF STATION - PK NAIL IN SNET CO. POLE #1226. PK NAIL IS 3' EAST OF THE EAST SIDE OF WATERBURY ROAD AND 1' ABOVE THE GROUND

RM2: NORTH OF STATION - PK NAIL IN SNET CO. POLE #12265. PK NAIL IS 15' WEST OF THE WEST SIDE OF WATERBURY ROAD AND 2' ABOVE THE GROUND

RM3: SOUTHWEST OF STATION - PK NAIL IN 6" ELM STREE. PK NAIL IS 20' WEST OF THE WEST SIDE OF WATERBURY ROAD AND 4' ABOVE THE GROUND

RM4: SOUTHEAST OF STATION - CHISELLED "+" IN NORTHWEST CORNER OF FRAME OF CATCH BASIN AT CENTERLINE OF DIRT DRIVE ON EAST SIDE OF WATERBURY ROAD





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-305

**IN THE TOWN OF  
 THOMASTON**

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 782,079.541 FEET  
 E. 815,804.750 FEET  
 DATE 8 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-36'-25.51830"  
 LONG. 73°-03'-28.31715"  
 THETA ANGLE - 0°-12'-14.9"

**TYPE OF MARKER  
 CITY ROD MON**

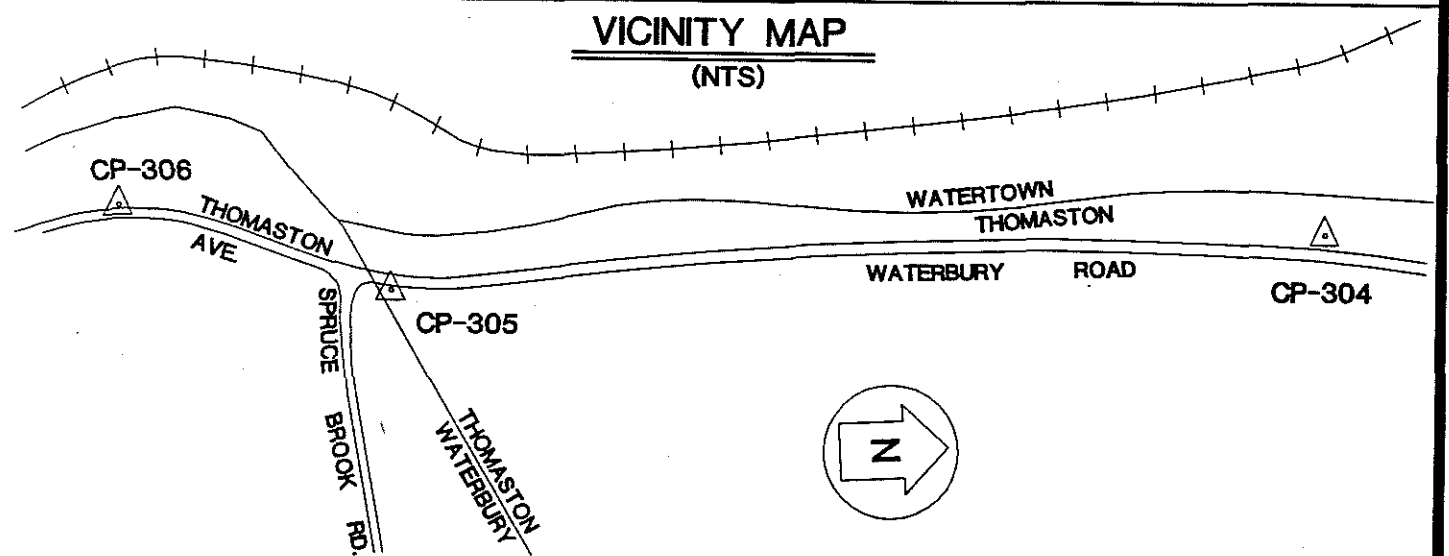
**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

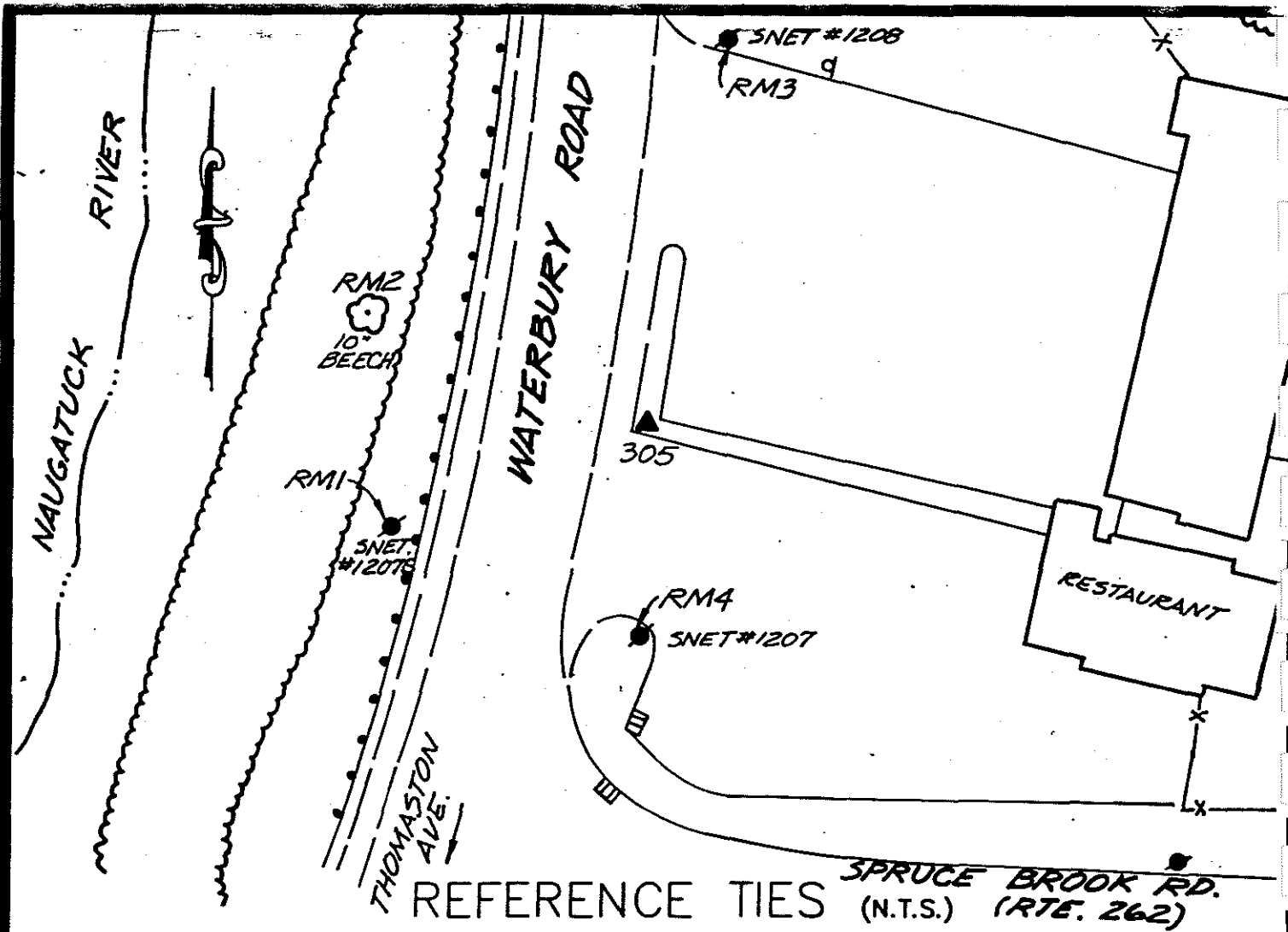
\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-304	2409.433	0°-00'-00"	359°-29'-07.6"
CP-306	734.103	200°-47'-14.3"	200°-16'-21.8"
RM1	67.62	248°-43'-09"	
RM2	72.97	291°-00'-42"	
RM3	96.06	11°-38'-52"	
RM4	46.60	185°-03'-05"	



REFERENCE TIES (N.T.S.) (RTE. 262)

**COMMENTS**

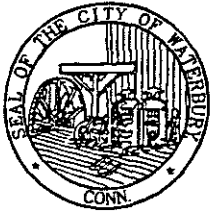
STATION #305: A ROD MONUMENT SET IN A BIT. ISLAND. MONUMENT IS LOCATED 4.5' EAST OF EAST GUTTER OF WATERBURY ROAD AND 14' NORTH OF THE NORTH RANGE OF "RESTAURANT" BUILDING ON EAST SIDE OF WATERBURY ROAD.

RM1: SOUTHWEST OF STATION - A PK NAIL IN THE NORTH SIDE OF SNET CO. POLE #1207S. PK NAIL IS 5' ABOVE THE GROUND. POLE IS 100'± NORTH OF THE WATERBURY/THOMASTON TOWN LINE AND IS ON THE WEST SIDE OF WATERBURY ROAD.

RM2: WEST OF STATION - A PK NAIL IN A 10" BEECH TREE ON THE WEST SIDE OF WATERBURY ROAD. PK NAIL IS 6.5' ABOVE THE GROUND. TREE IS LOCATED 20' WEST OF THE WEST EDGE OF WATERBURY ROAD AND 150'± NORTH OF THE WATERBURY/THOMASTON TOWN LINE.

RM3: NORTH OF STATION - A PK NAIL IN THE SOUTH SIDE OF SNET CO. POLE #1208 ON THE EAST SIDE OF WATERBURY ROAD. PK NAIL IS 4' ABOVE THE GROUND AND LOCATED 200'± NORTH OF THE WATERBURY/THOMASTON TOWN LINE.

RM4: SOUTH OF STATION - A PK NAIL IN THE NORTH SIDE OF SNET CO. POLE #1207 AT THE NORTH-EAST CORNER OF THOMASTON AVENUE AND SPRUCE BROOK ROAD. PK NAIL IS LOCATED 3' ABOVE THE GROUND.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 78 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-306

**IN THE TOWN OF  
 WATERBURY**

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 781,390.913 FEET  
 E. 915,550.391 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-36'-18.7059"  
 LONG. 73°-03'-31.63302"  
 THETA ANGLE - 0°-12'-17.1"

**TYPE OF MARKER**  
 CITY ROD MON.

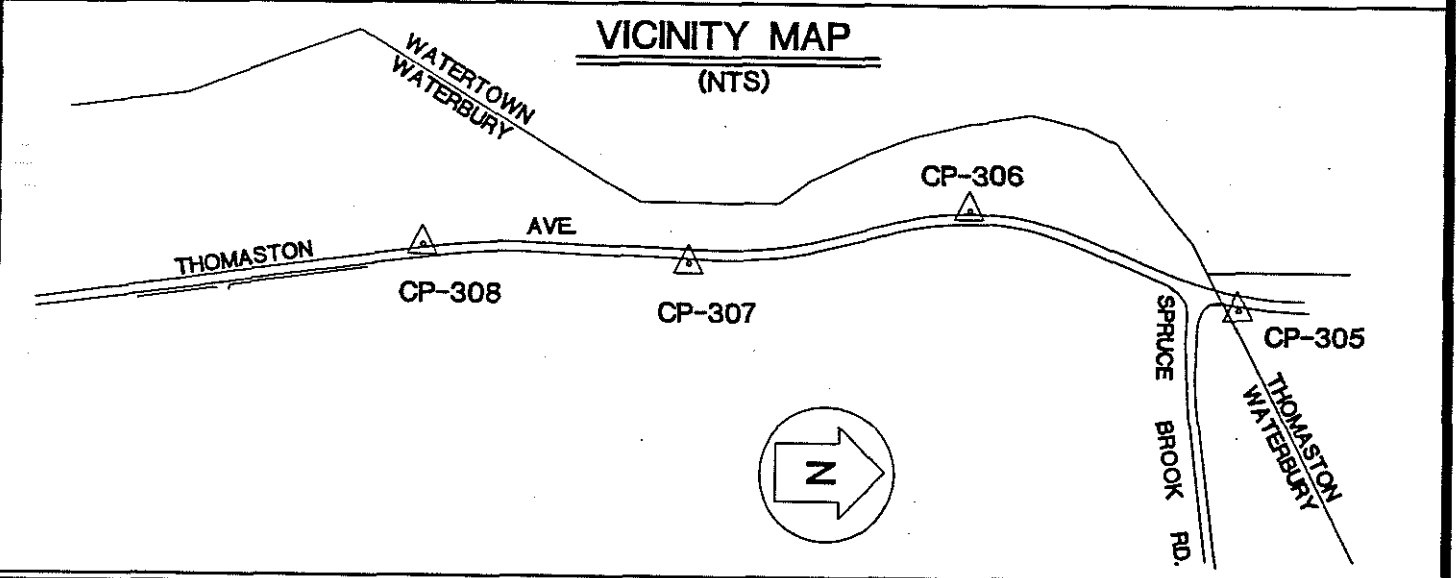
**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

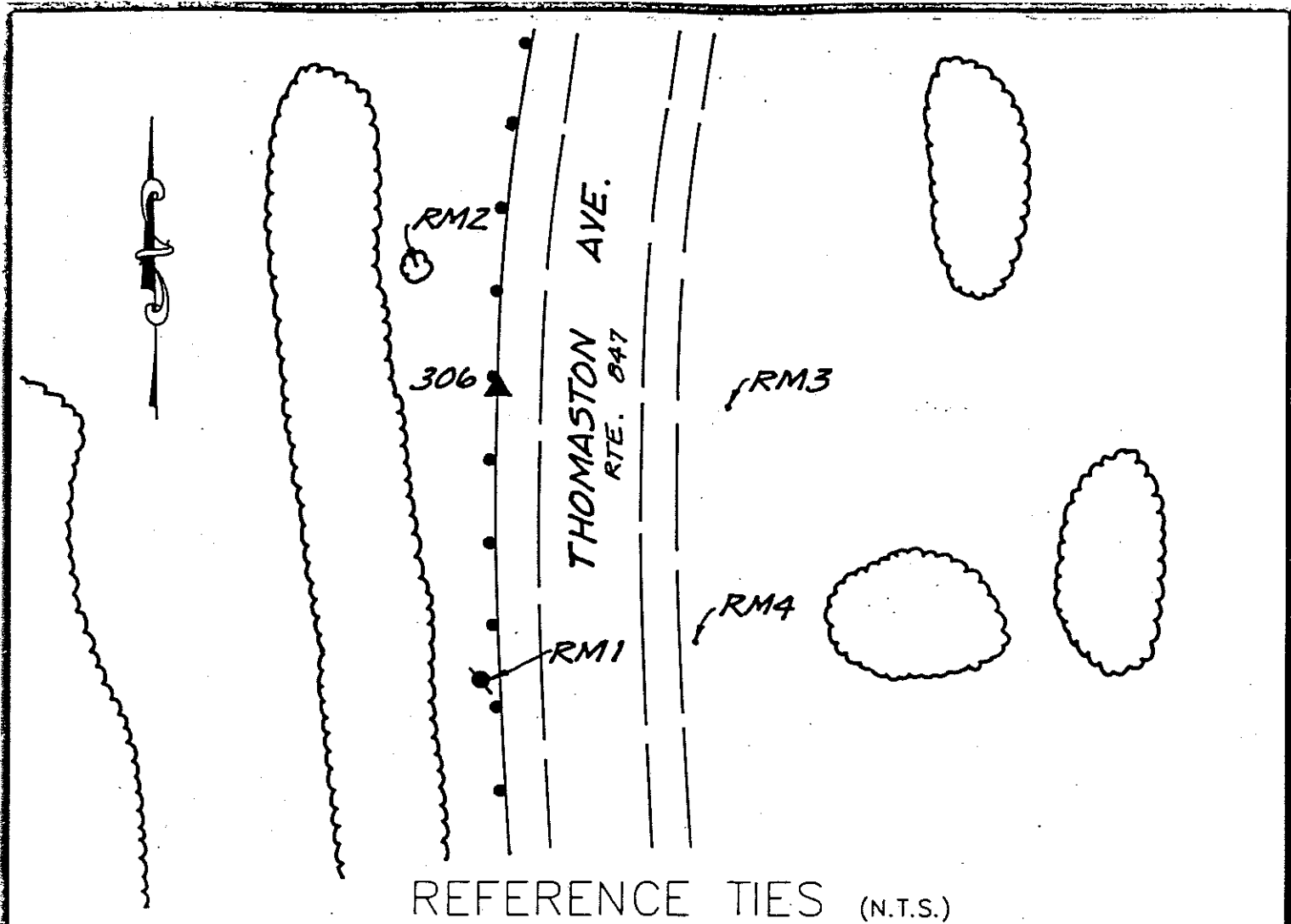
\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-305	734.103	0°-00'-00"	20°-16'-21.8"
CP-307	736.020	148°-33'-12.7"	168°-49'-34.7"
RM1	68.56	165°-44'-11"	
RM2	33.19	285°-47'-13"	
RM3	55.80	59°-58'-48"	
RM4	79.93	113°-42'-57"	



COMMENTS

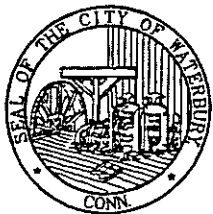
STATION #306: SET ROD MONUMENT, 3' OFF WEST SIDE RTE. #847, 33'± NORTH OF SNET CO. POLE #10972, 800'± SOUTH OF RTE. #262 AND RTE. #847, 800'± SOUTH OF NORTH CITY LINE

RM1: SOUTH OF STATION - PK NAIL 2'+ UP SNET CO. POLE #10972, 10' OFF WEST SIDE RTE. #847

RM2: NORTHWEST OF STATION - PK NAIL IN 4" ∅ COTTONWOOD TREE, ABOUT 5' OFF GROUND. TREE IS ON WEST SIDE OF THOMASTON AVE. ABOUT 30' OFF PAVEMENT

RM3: EAST OF STATION - PK NAIL IN LEDGE 4'± UP, 10' OFF EAST SIDE OF #847, 75'± NORTH OF SNET CO. POLE #10972

RM4: SOUTHEAST OF STATION - PK NAIL IN LEDGE, 3'± UP, 12'± OFF EAST SIDE OF RTE. #847



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 888-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-307

IN THE TOWN OF  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 780,668.845 FEET  
 E. 915,693.020 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-36'-11.57714"  
 LONG. 73°-03'-29.72166"  
 THETA ANGLE - 0°-12'-15.8"

**TYPE OF MARKER**  
 CITY ROD MON.

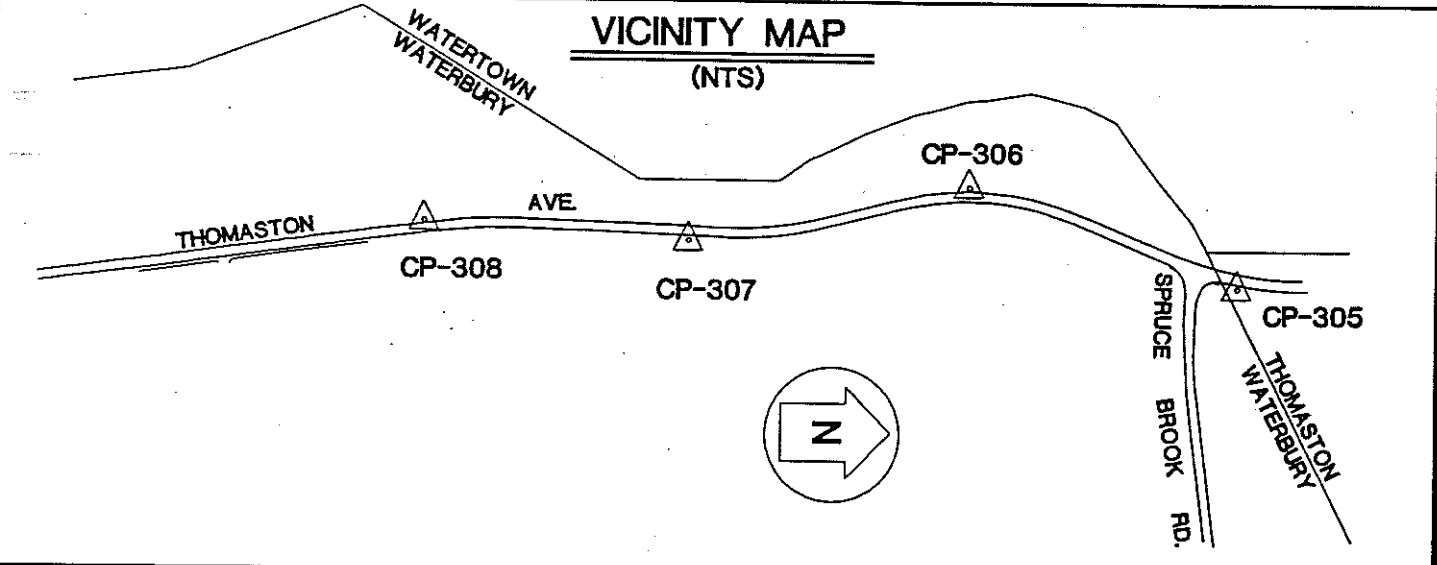
**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

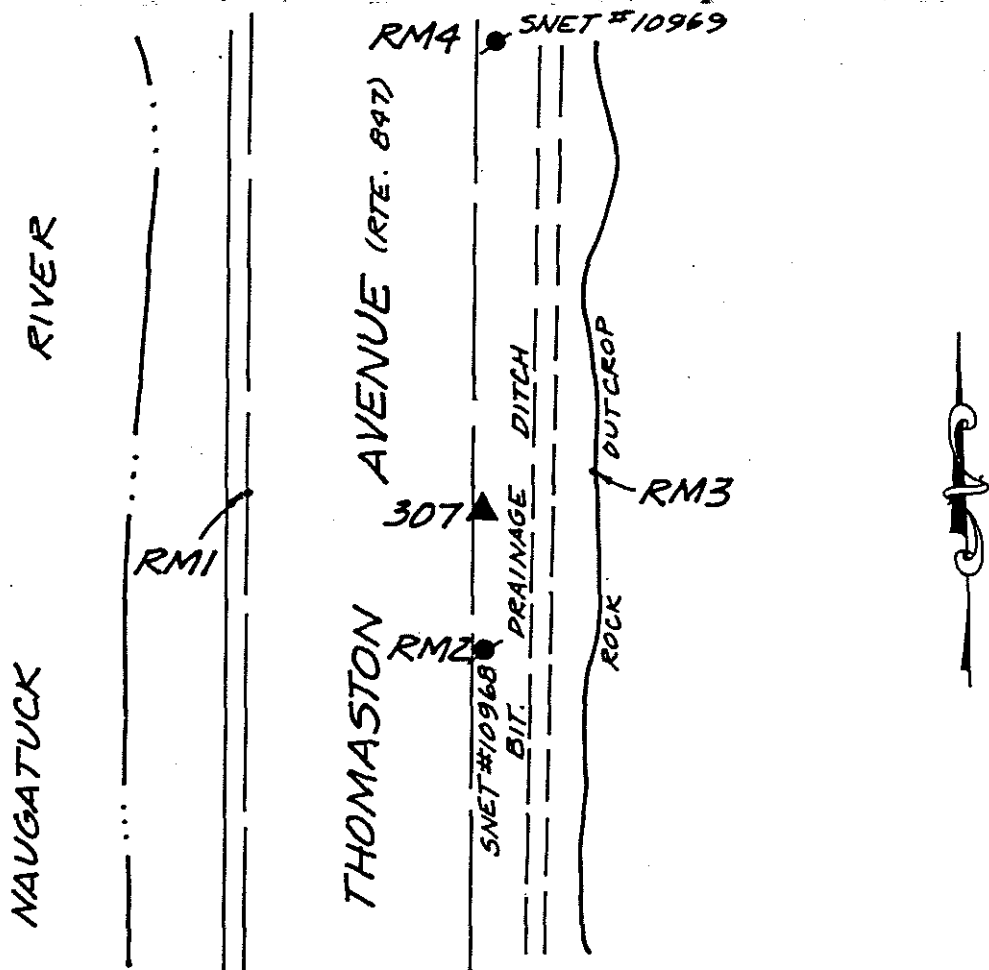
CONDITION OF STATION	BY	DATE

\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-306	736.020	0°-00'-00"	348°-49'-34.7"
CP-308	682.372	194°-55'-42.5"	183°-45'-17.2"
RM1	44.00	280°-28'-54"	
RM2	18.33	192°-27'-06"	
RM3	17.19	82°-44'-19"	
RM4	153.40	13°-21'-05"	



REFERENCE TIES (N.T.S.)

COMMENTS

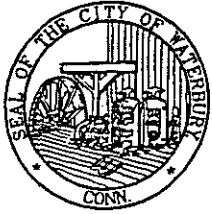
STATION #307: SET ROD MONUMENT, 4'± OFF EAST SIDE OF RTE. #847, 18'± NORTH OF SNET CO. POLE #10968, 200'± NORTH OF FIRING RANGE

RM1: WEST OF STATION - PK NAIL IN PAVEMENT, 1' EAST OF WEST SIDE OF RTE. #847, 20'± NORTH OF SNET CO. POLE #10968

RM2: SOUTH OF STATION - PK NAIL 1'± UP SNET CO. POLE #10968, 3' OFF EAST SIDE OF RTE. #847

RM3: EAST OF STATION - PK NAIL IN LEDGE 4'± UP, 20' OFF EAST SIDE OF RTE. #847, 25'± NORTH OF SNET CO. POLE #10968

RM4: NORTH OF STATION - PK NAIL 3'± UP SNET CO. POLE #10969, 6' OFF EAST SIDE OF RTE. #847



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

  
**THE BONGIOVANNI  
GROUP, INC.**  
 LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 866-0334

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-308

IN THE TOWN OF  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 779,987.938 FEET

E. 915,648.334 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-36'-04.84842"

LONG. 73°-03'-30.27787"

THETA ANGLE - 0°-12'-16.2"

TYPE OF MARKER  
CITY ROD MON.

ALSO REFERRED TO AS STATION #  
\_\_\_\_\_

**ELEVATIONS**

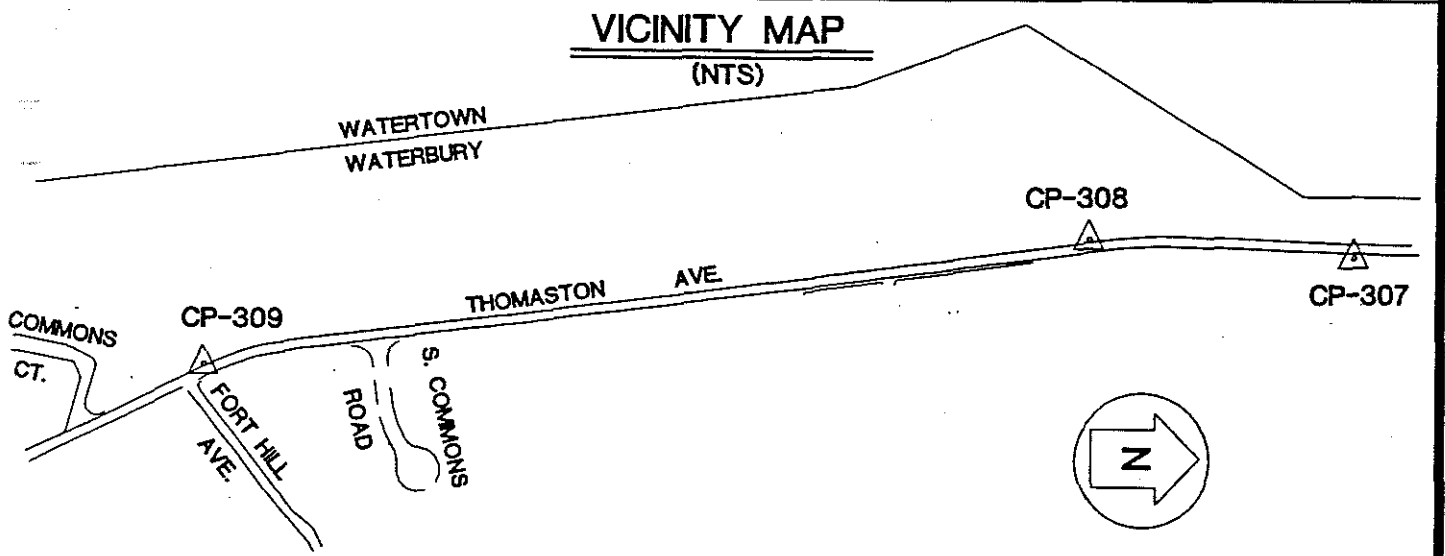
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

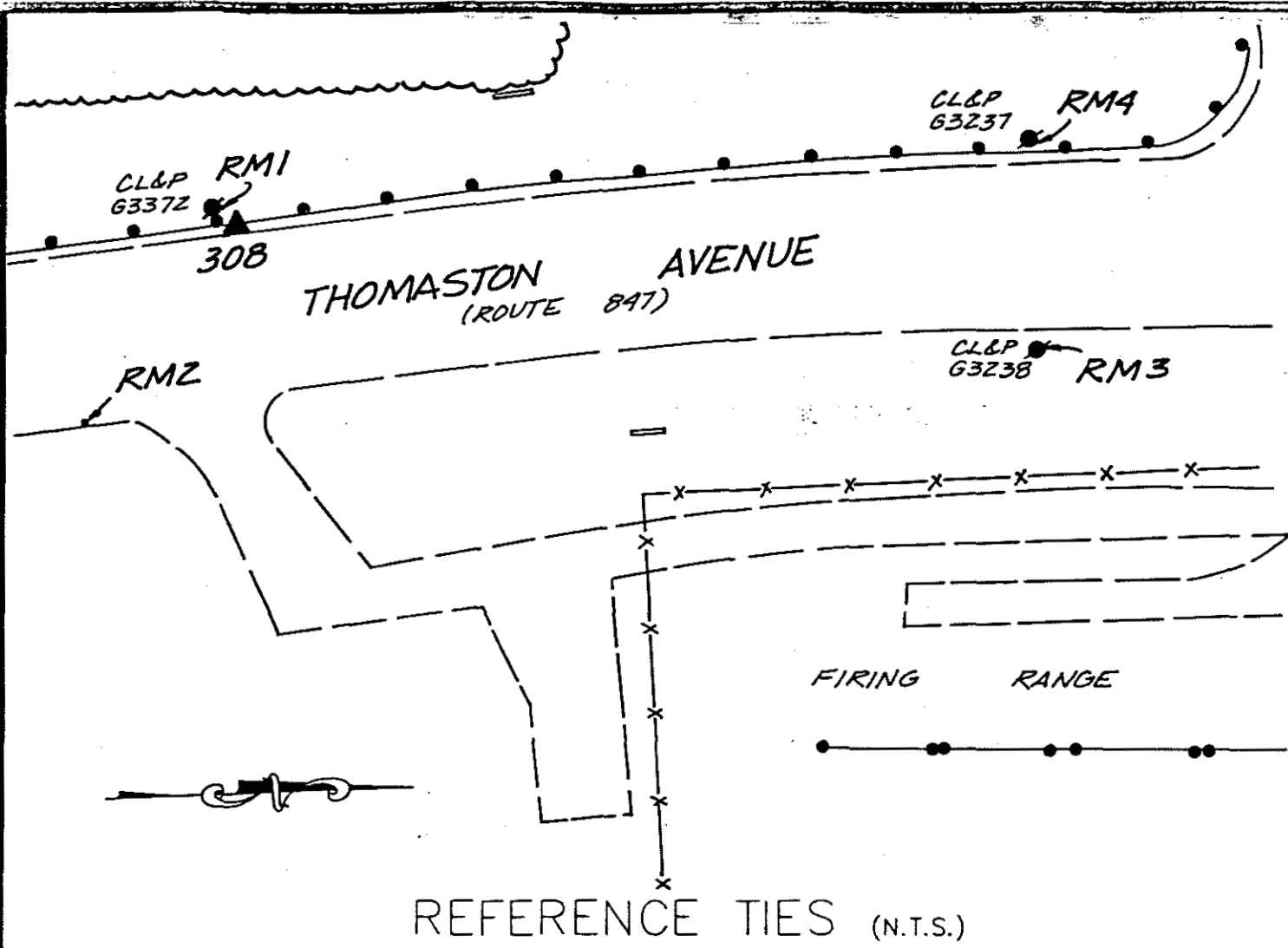
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-307	682.372	0°-00'-00"	03°-45'-17.2"
CP-309	2299.410	167°-50'-17.3"	171°-35'-34.5"
RM1	3.11	185°-28'-36"	
RM2	60.62	124°-33'-42"	
RM3	189.44	05°-05'-27"	
RM4	185.25	350°-29'-04"	



REFERENCE TIES (N.T.S.)

COMMENTS

- STATION #308: SET ROD MONUMENT, 2' OFF WEST SIDE RTE. 847, 3'± NORTH OF CL&P POLE #G3372, 90'± SOUTH OF CHAIN LINK FENCE, SOUTH SIDE FIRING RANGE
- RM1: WEST OF STATION - PK NAIL 3'± UP CL&P POLE #G3372, 3' OFF WEST SIDE RTE #847
- RM2: SOUTHEAST OF STATION - PK NAIL IN TOP OF CURB ON EAST SIDE OF RTE. #847, 40'± SOUTH OF CL&P POLE #G3372
- RM3: NORTHEAST OF STATION - PK NAIL 4'± UP CL&P POLE #G3238, 3' OFF WEST SIDE OF RTE. #847
- RM4: NORTH OF STATION - PK NAIL 4'± UP CL&P POLE #G3237, 5' OFF WEST SIDE OF RTE. #847





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-309

**IN THE TOWN OF  
 WATERBURY**

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 777,713.237 FEET  
 E. 915,984.520 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-35'-42.38690"  
 LONG. 73°-03'-25.74643"  
 THETA ANGLE - 0°-12'-13.2"

**TYPE OF MARKER**  
 CDOT BRASS PIN

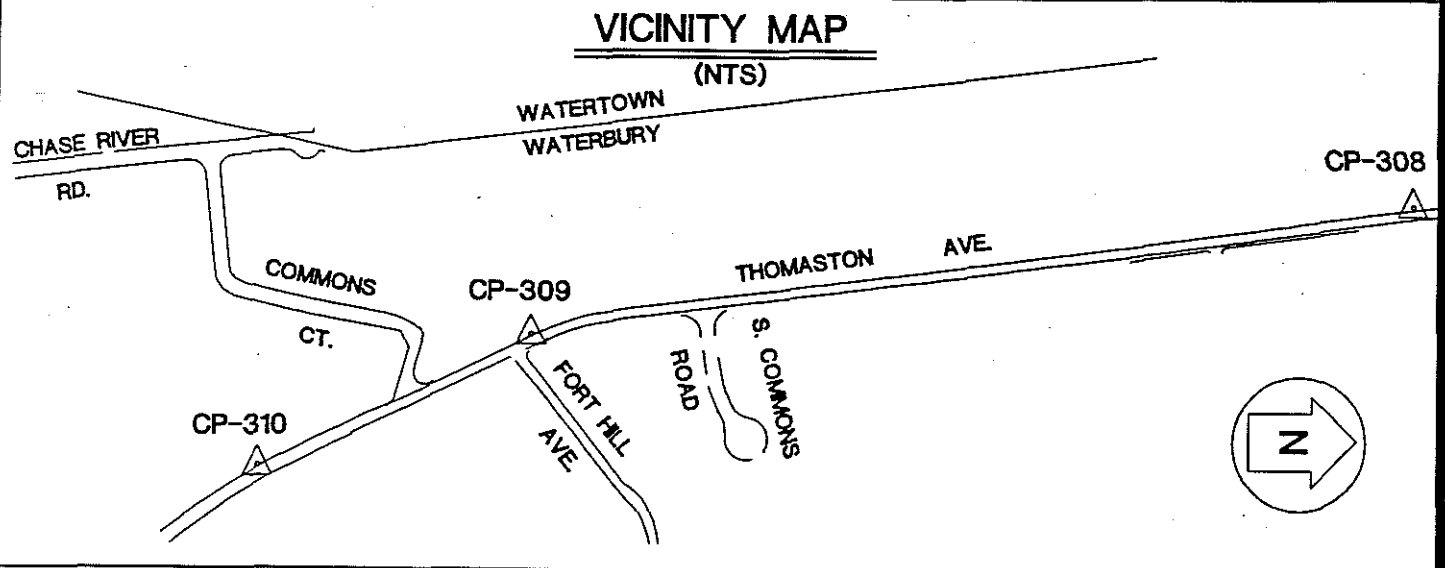
**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

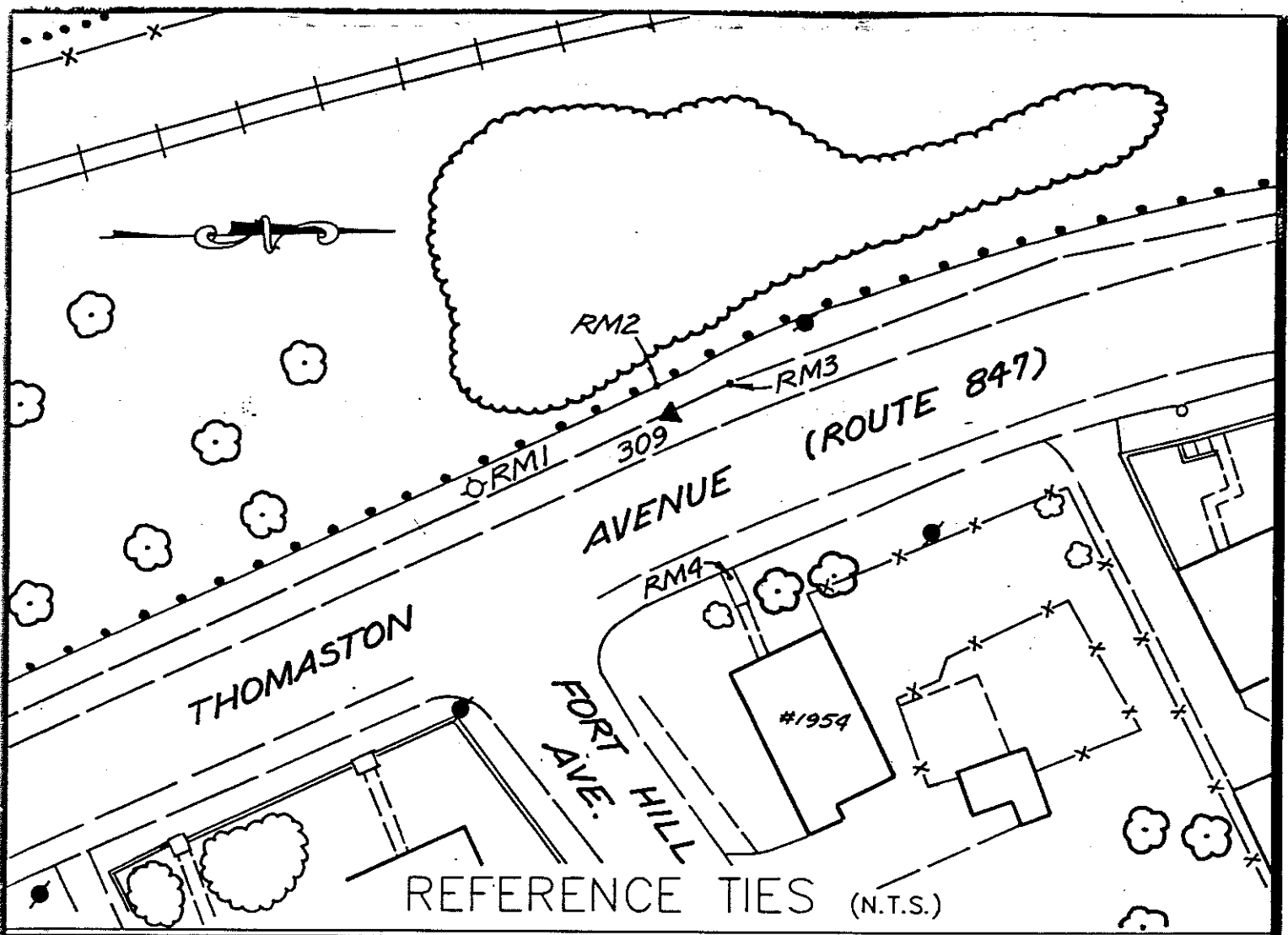
\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-308	2299.410	0°-00'-00"	351°-35'-34.5"
CP-310	778.975	182°-23'-18.8"	153°-58'-53.1"
RM1	51.77	184°-00'-31"	
RM2	7.70	252°-11'-41"	
RM3	16.98	342°-57'-49"	
RM4	43.88	72°-15'-54"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #309: A CONNECTICUT D.O.T. BRASS PIN BASE LINE MONUMENT SET IN TOP OF CONCRETE CURB ON WEST SIDE OF RTE. #847; OPPOSITE SIDEWALK LEADING TO HOUSE #1954

RM1: SOUTH OF STATION - TOP OF FIRE HYDRANT ON THE WEST SIDE OF RTE. #847; 1.5' WEST OF CONCRETE CURB AND 66' NORTH OF THE EXTENDED CENTERLINE OF FORT HILL AVE.

RM2: WEST OF STATION - A CHISELLED "+" IN BOTTOM PIPE BETWEEN THE 2ND AND 3RD SUPPORT POSTS OF A 2 1/4" PIPE RAILING ON WEST SIDE OF RTE. #847

RM3: NORTH OF STATION - A DRILL HOLE ON TOP OF CONCRETE CURB ON WEST SIDE OF RTE. #847; ON THE NORTH RANGE LINE OF HOUSE #1954

RM4: EAST OF STATION - A BRASS PIN IN CONCRETE WALK LEADING TO HOUSE #1954; PLUG IS 1.32' SOUTH OF NORTH EDGE OF WALK AND 1.52' EAST OF THE WEST FACE OF THE TOP STEP



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-310

IN THE TOWN OF  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 777,013.210 FEET  
 E. 916,326.227 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-35'-35.48282"  
 LONG. 73°-03'-21.21658"  
 THETA ANGLE - 0°-12'-10.2"

**TYPE OF MARKER**  
 CDOT BRASS PIN

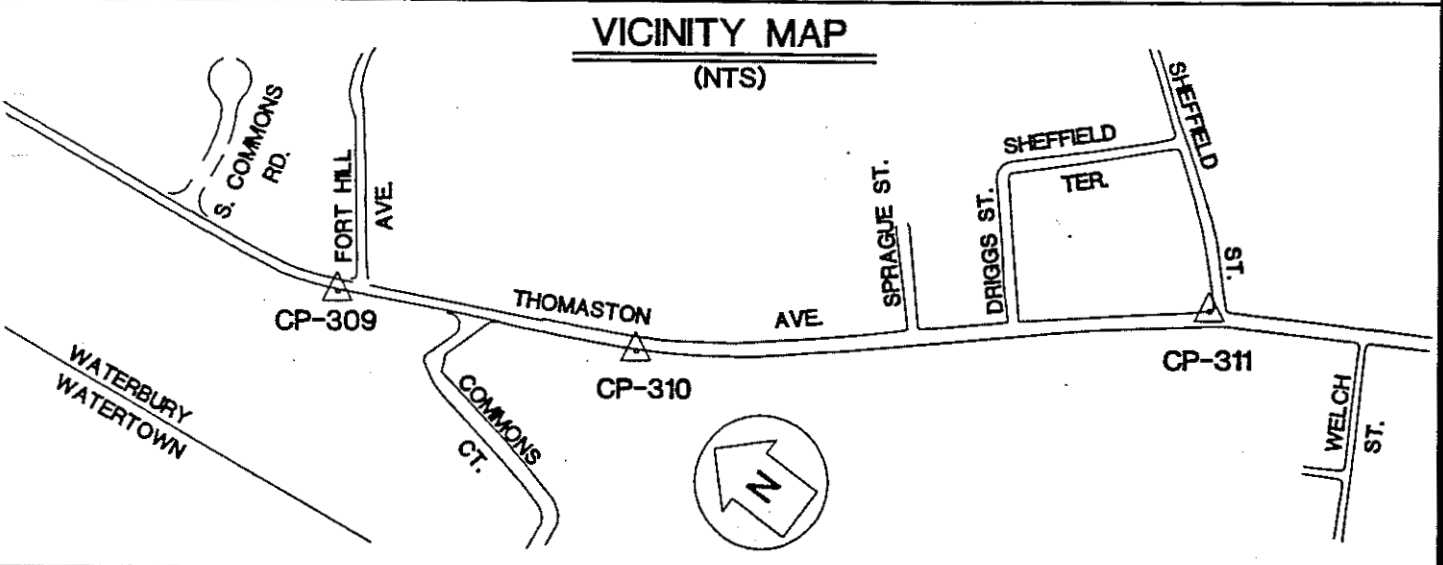
ALSO REFERRED TO AS STATION # \_\_\_\_\_

**ELEVATIONS**

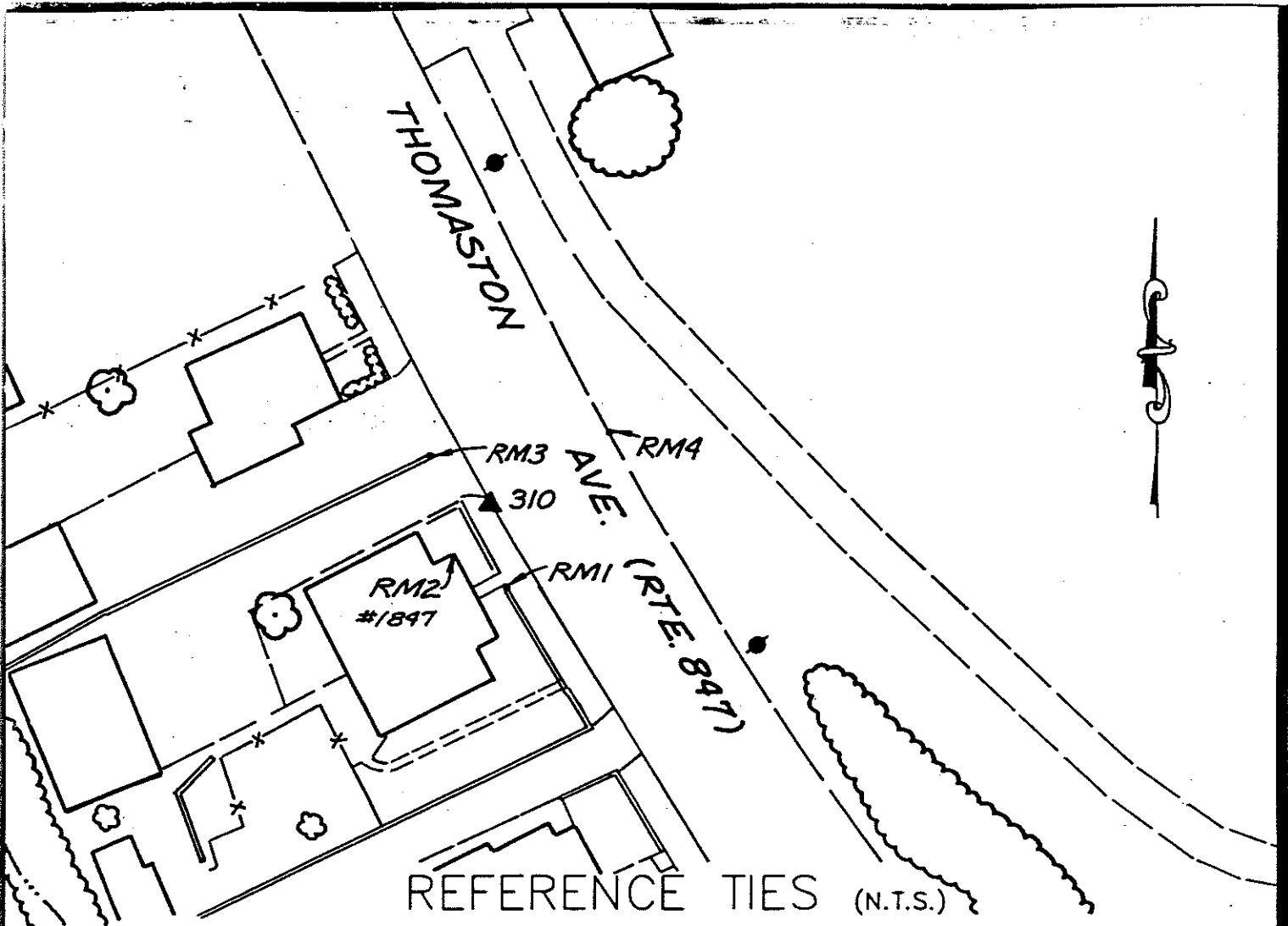
\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-309	778.975	0°-00'-00"	333°-58'-53.1"
CP-311	1478.195	164°-45'-13.7"	138°-44'-06.8"
RM1	19.87	181°-24'-20"	
RM2	12.18	232°-48'-56"	
RM3	17.41	341°-38'-05"	
RM4	38.00	89°-00'-58"	



COMMENTS

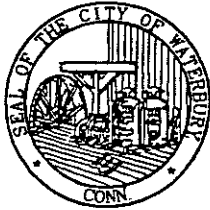
STATION #310: A CONNECTICUT D.O.T. BRASS PIN BASE LINE MONUMENT IN CONCRETE WALK ON THE WEST SIDE OF RTE. #847, 3.6' WEST OF BACK OF CONCRETE CURB AND 1' SOUTH OF THE NORTH RANGE OF HOUSE #1847

RM1: SOUTH OF STATION - CORNER OF CONCRETE IN CONCRETE AND STONE RETAINING WALL ON SOUTH SIDE OF WALK LEADING TO #1847, PT. IS 1.6' ABOVE CONCRETE WALK

RM2: SOUTHWEST OF STATION - NORTHEAST CORNER OF CONCRETE PATIO

RM3: NORTHWEST OF STATION - SOUTHEAST CORNER OF BOTTOM CINDER BLOCK ON THE EAST END OF CINDER BLOCK WALL, 0.2' ABOVE FOUNDATION FOR WALL

RM4: EAST OF STATION - A DRILL HOLE IN TOP OF CONCRETE CURB ON THE EAST SIDE OF RTE. #847 ON THE NORTH RANGE OF HOUSE #1847



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-311

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 775,902.098 FEET

E. 917,301.155 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-35'-24.53924"

LONG. 73°-03'-08.33465"

THETA ANGLE - 0°-12'-016"

**TYPE OF MARKER**  
BRASS DISK

**ALSO REFERRED TO AS STATION #**  
CTGS 1521

**ELEVATIONS**

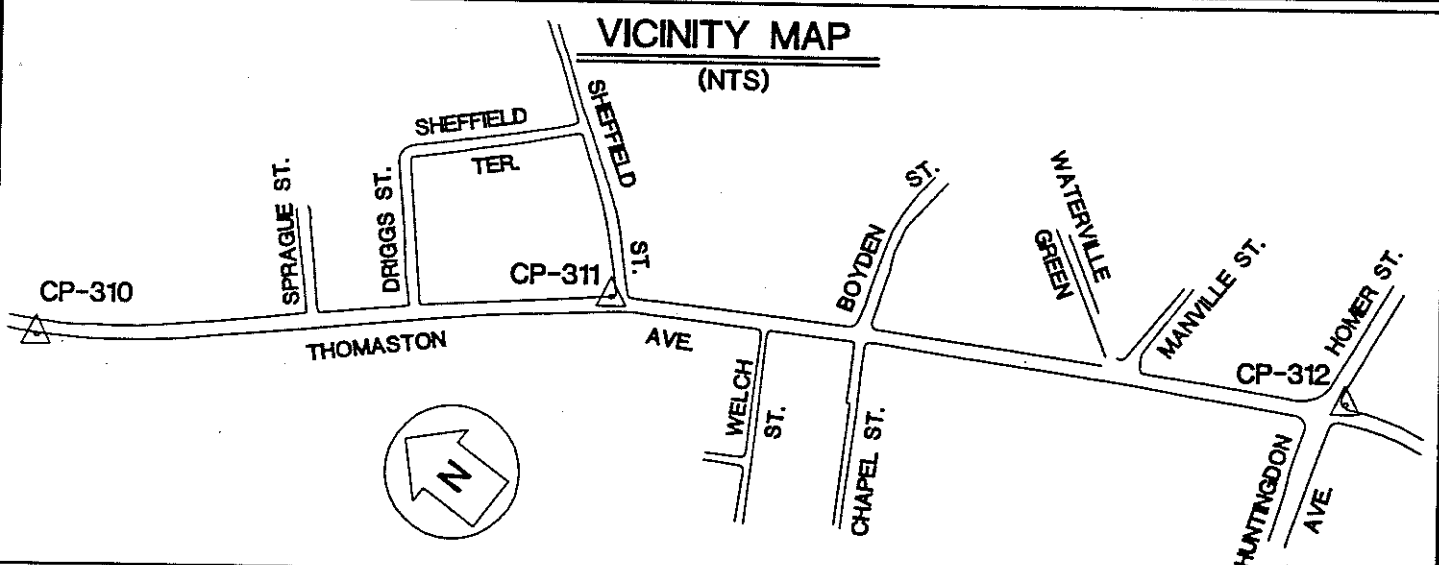
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

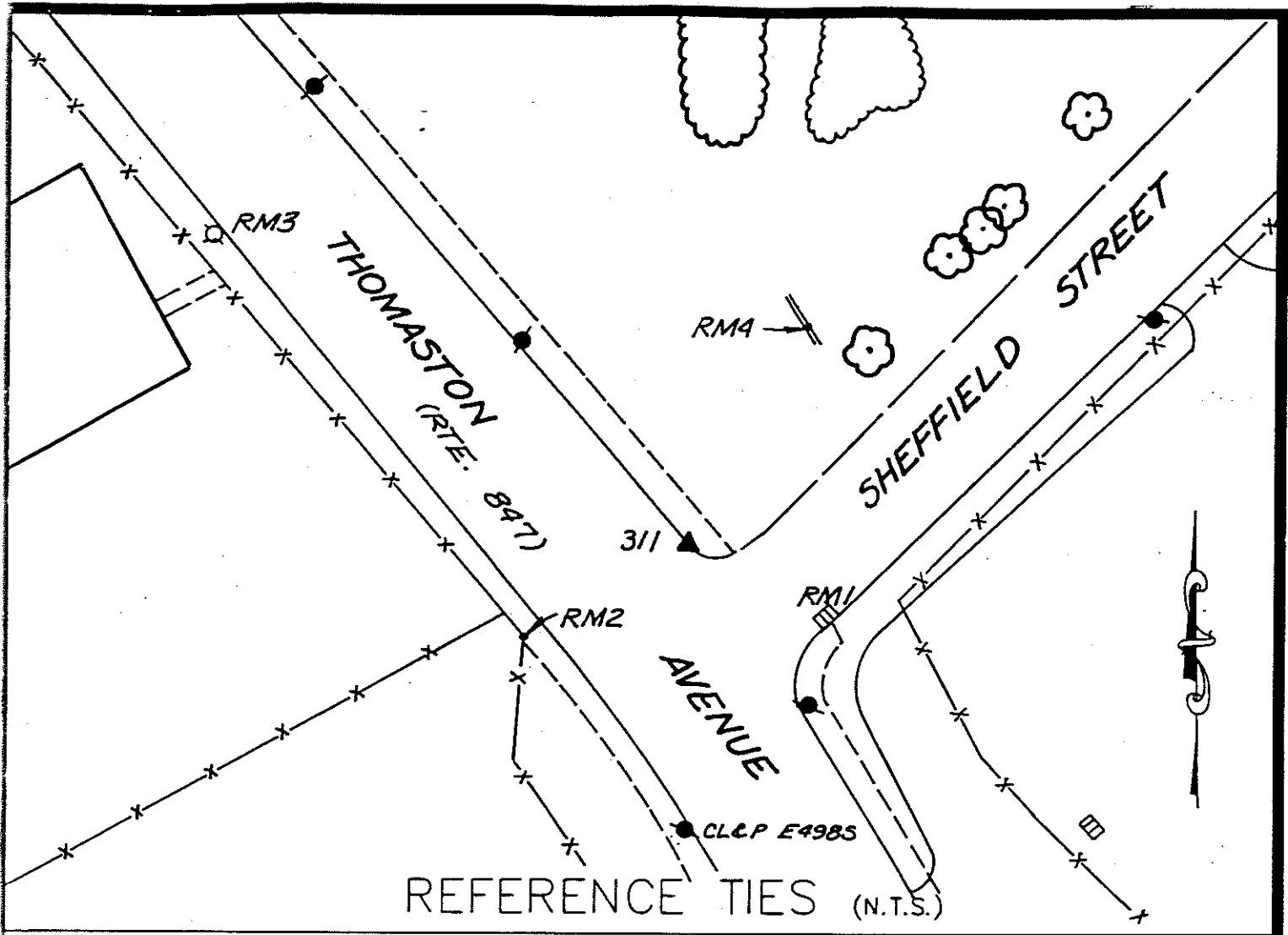
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-310	1478.195	0°-00'-00"	318°-44'-06.8"
CP-312	1911.554	192°-07'-19.7"	150°-51'-26.5"
RM1	40.92	163°-37'-55"	
RM2	45.63	280°-46'-08"	
RM3	135.34	344°-05'-45"	
RM4	60.57	65°-22'-31"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #311: STATION MARK IS U.S.C. AND G.S. STATE SURVEY BRONZE DISK STAMPED 1521, SET IN THE TOP OF A REINFORCED CONCRETE POST, THE TOP FLUSH WITH CONCRETE SIDEWALK. THE STATION IS ON THE EAST SIDE OF THOMASTON AVE., 1.2 MILES SOUTH OF THE WATERBURY-THOMASTON TOWN LINE. IT IS 20' EAST OF THE CENTERLINE OF THOMASTON AVE. AND 25' NORTH OF THE CENTERLINE OF SHEFFIELD ST.

RM1: SOUTHEAST OF STATION A CHISEL CROSS ON CENTERLINE OF METAL CURB OF CATCH BASIN ON SOUTH SIDE OF SHEFFIELD ST.

RM2: SOUTHWEST OF STATION - SOUTHEAST CORNER OF SQUARE STEEL FENCE POST AT ANGLE PT. OF 7' CHAIN LINK FENCE ON WEST SIDE OF RTE. #847. FENCE POST IS 61.5' NORTH OF CL&P POLE #E498S, MEASUREMENT TAKEN 2' ABOVE SIDEWALK ON POST.

RM3: NORTHWEST OF STATION - TOP OF FIRE HYDRANT LOCATED ON WEST SIDE OF RTE. #847, OPPOSITE CL&P POLE #E500.

RM4: NORTHEAST OF STATION - THE IRON PIPE SET IN A MASONRY RETAINING WALL, 47' FROM THE CENTERLINE OF SHEFFIELD AVE., 73' EAST OF THE CENTERLINE OF RTE. #847.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
78 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
E. \_\_\_\_\_ FEET  
DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
LONG. \_\_\_\_\_  
DATE \_\_\_\_\_

**STATION #**  
CP-312

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 774,232.525 FEET  
E. 918,232.054 FEET  
DATE 8 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-35'-08.07634"  
LONG. 73°-02'-56.00792"  
THETA ANGLE - 0°-11'-53.5"

**TYPE OF MARKER**  
BRASS DISK

**ALSO REFERRED TO AS STATION #**  
CTGS 1522

**ELEVATIONS**

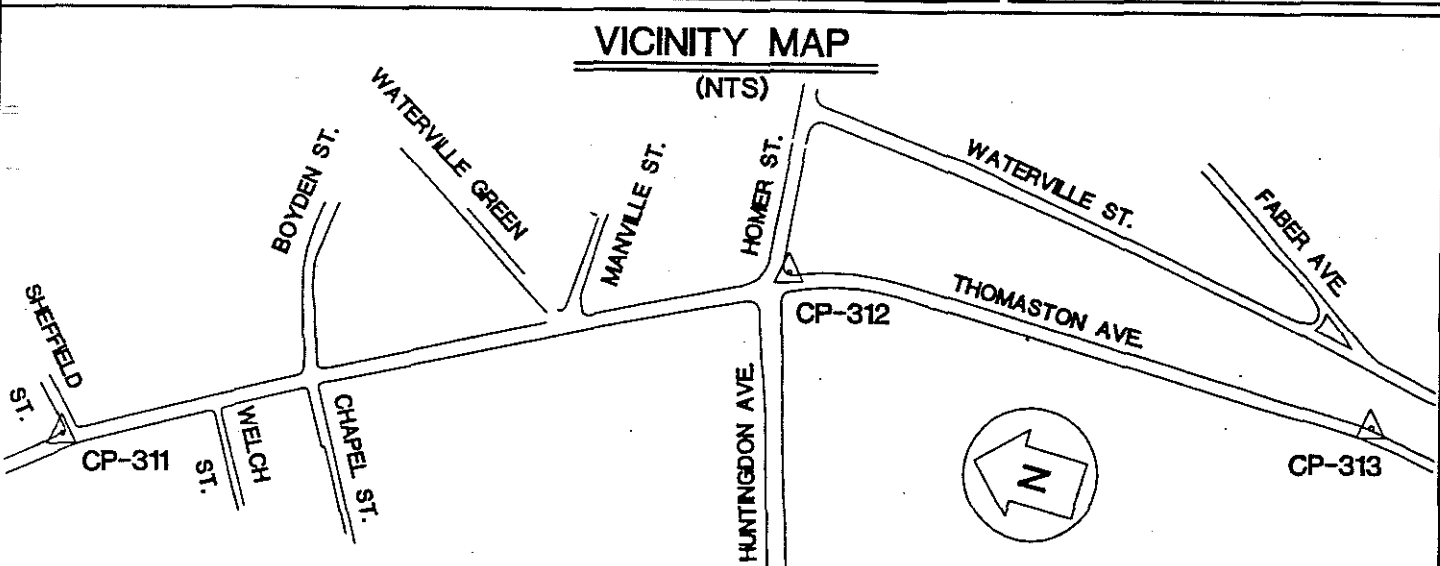
CONDITION OF STATION	BY	DATE

\_\_\_\_\_ FEET  
(NAVD 88)

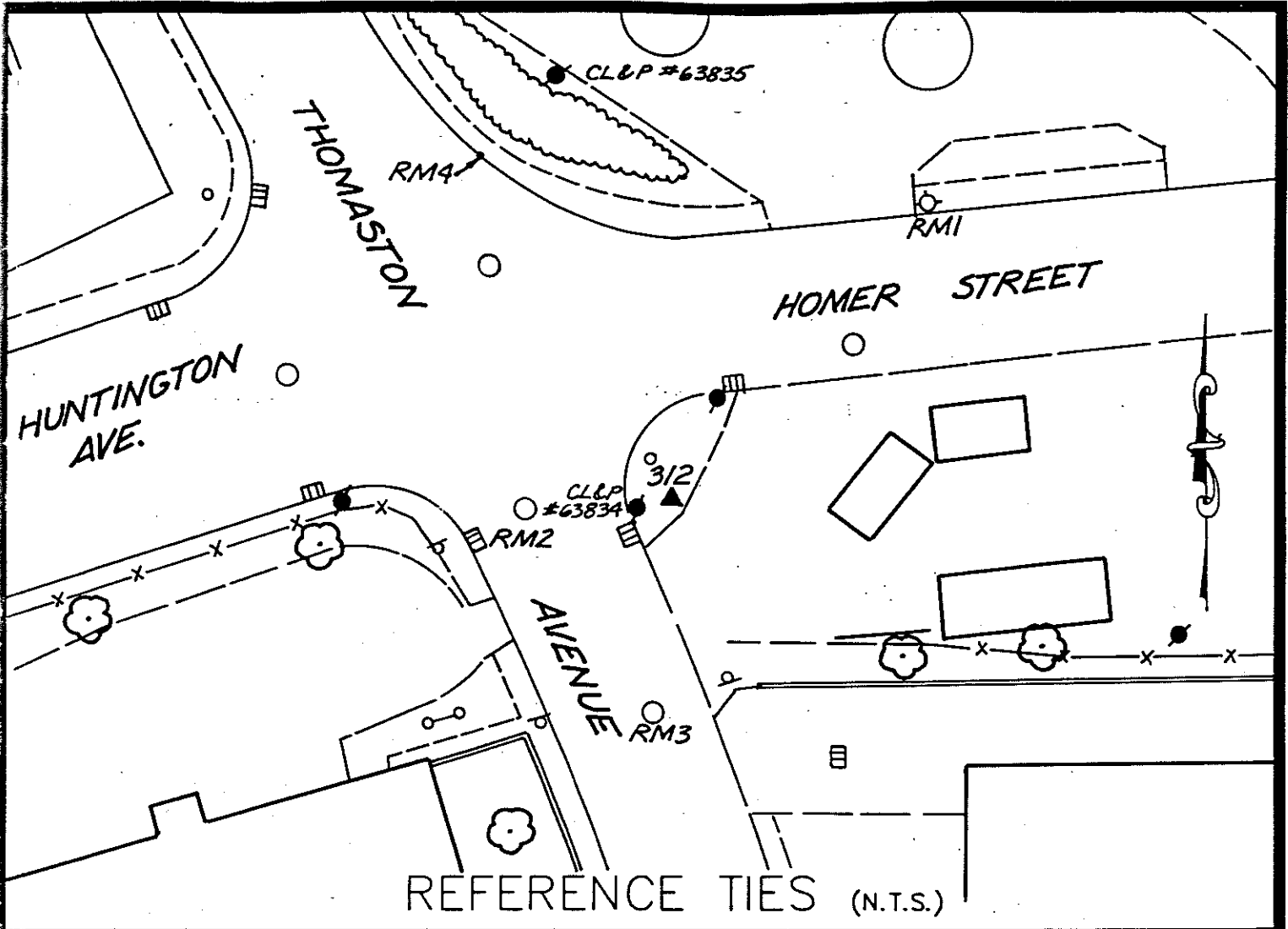
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-311	1911.554	0°-00'-00"	330°-51'-28.5"
CP-313	1550.901	207°-25'-24.9"	178°-16'-51.4"
RM1	94.59	73°-54'-21"	
RM2	49.87	281°-28'-28"	
RM3	51.18	212°-46'-46"	
RM4	95.79	359°-05'-18"	



COMMENTS

STATION #312: STATION MARK IS U.S.C. AND G. S. STATE SURVEY BRONZE DISK STAMPED 1522, SET IN THE TOP OF A REINFORCED CONCRETE POST, THE TOP FLUSH WITH ASPHALT. THE STATION IS ON THE EAST SIDE OF THOMASTON AVE. AND 1.6 MILES SOUTH OF THE THOMASTON-WATERBURY TOWN LINE. IT IS 30' EAST OF THE CENTERLINE OF THOMASTON AVE. AND 40' SOUTH OF THE CENTERLINE OF HOMER ST.

RM1: NORTHEAST OF STATION - A FIRE HYDRANT, 19' NORTHEAST OF THE CENTERLINE OF HOMER ST. AND 30' WEST OF CL&P POLE #E532.

RM2: WEST OF STATION - A DRILL HOLE IN TOP OF CATCH BASIN ON WEST SIDE OF R.E. #847, SOUTH OF HOMER AVE.

RM3: SOUTH OF STATION - THE HOLE IN THE CENTER OF A CAST IRON MANHOLE COVER, 6' EAST OF THE CENTERLINE OF RTE. #847 AND 44' SOUTH OF CONN. CO. POLE #63834.

RM4: NORTHWEST OF STATION - BRASS DISK IN TOP OF CONCRETE CURB ON NORTHEAST CORNER OF RTE. #847 AND HOMER ST. BRASS DISK IS 20' SOUTH OF CL&P POLE #63835. DISK IS CT. D.O.T. BASE LINE PT.





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 588-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-313

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 772,882.322 FEET

E. 918,278.579 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-34'-52.76235"

LONG. 73°-02'-55.32517"

THETA ANGLE - 0°-11'-53.0"

**TYPE OF MARKER**  
BRASS DISK

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

CONDITION OF STATION	BY	DATE

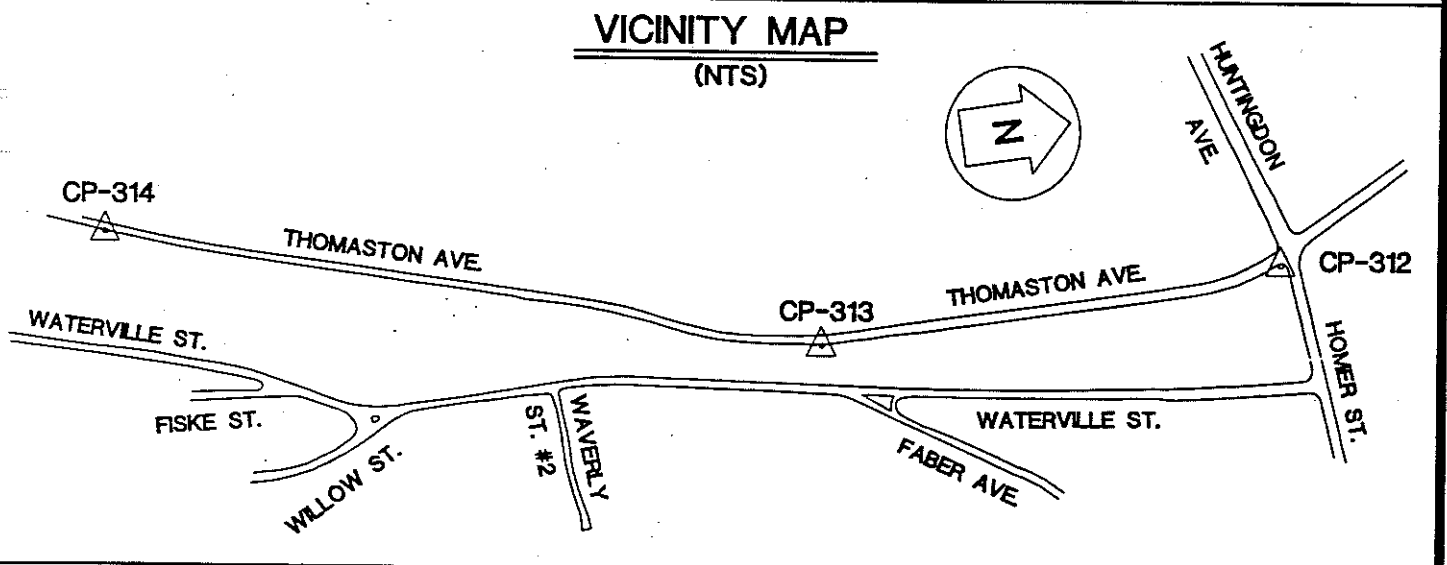
**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

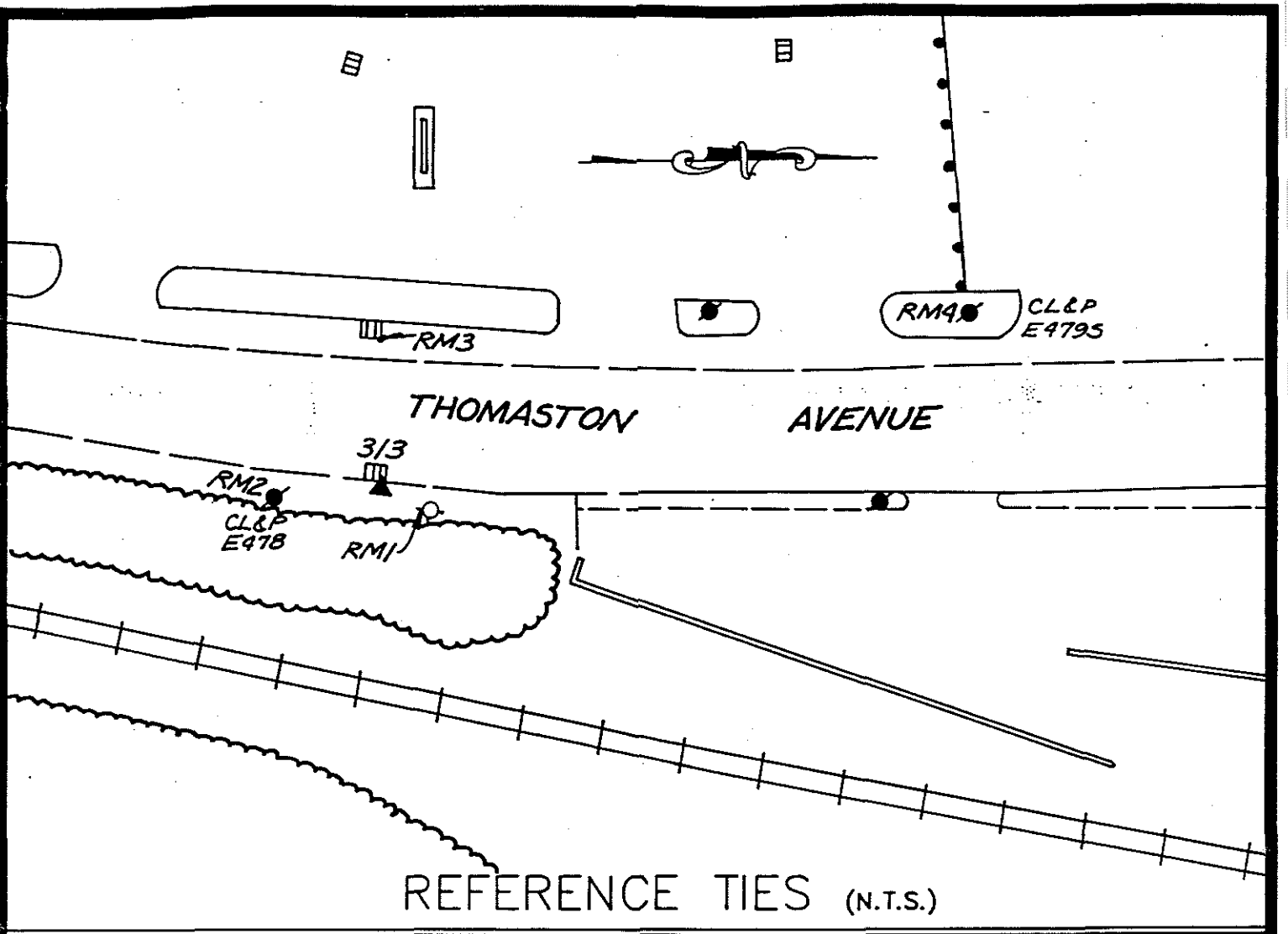
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-312	1550.901	0°-00'-00"	358°-16'-51.4"
CP-314	2420.494	198°-55'-54.0"	197°-12'-45.4"
RM1	13.37	12°-10'-51"	
RM2	26.92	183°-35'-57"	
RM3	40.30	269°-50'-21"	
RM4	147.66	344°-26'-25"	



**COMMENTS**

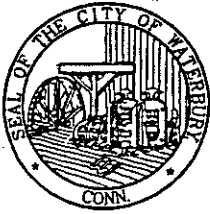
**STATION #313: A BRASS DISK IN NORTHWEST CORNER OF HEADWALL OPPOSITE A CATCH BASIN ON THE EAST SIDE OF THOMASTON AVE.**

**RM1: NORTH OF STATION - A CHISEL CROSS ON THE SOUTH BOLT OF HYDRANT**

**RM2: SOUTH OF STATION - A PK NAIL 1' UP IN CL&P POLE #E478**

**RM3: WEST OF STATION - A CHISEL CROSS IN THE NORTHEAST CORNER OF A STEEL CATCH BASIN FRAME**

**RM4: NORTHWEST OF STATION - A PK NAIL IN THE CL&P POLE #E4795**



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 889-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-314

IN THE TOWN OF  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 770,370.234 FEET

E. 917,562.311 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-34'-29.89496"

LONG. 73°-03'-04.64399"

THETA ANGLE - 0°-11'-59.2"

TYPE OF MARKER  
BRASS DISK

ALSO REFERRED TO AS STATION #  
\_\_\_\_\_

CONDITION OF STATION	BY	DATE

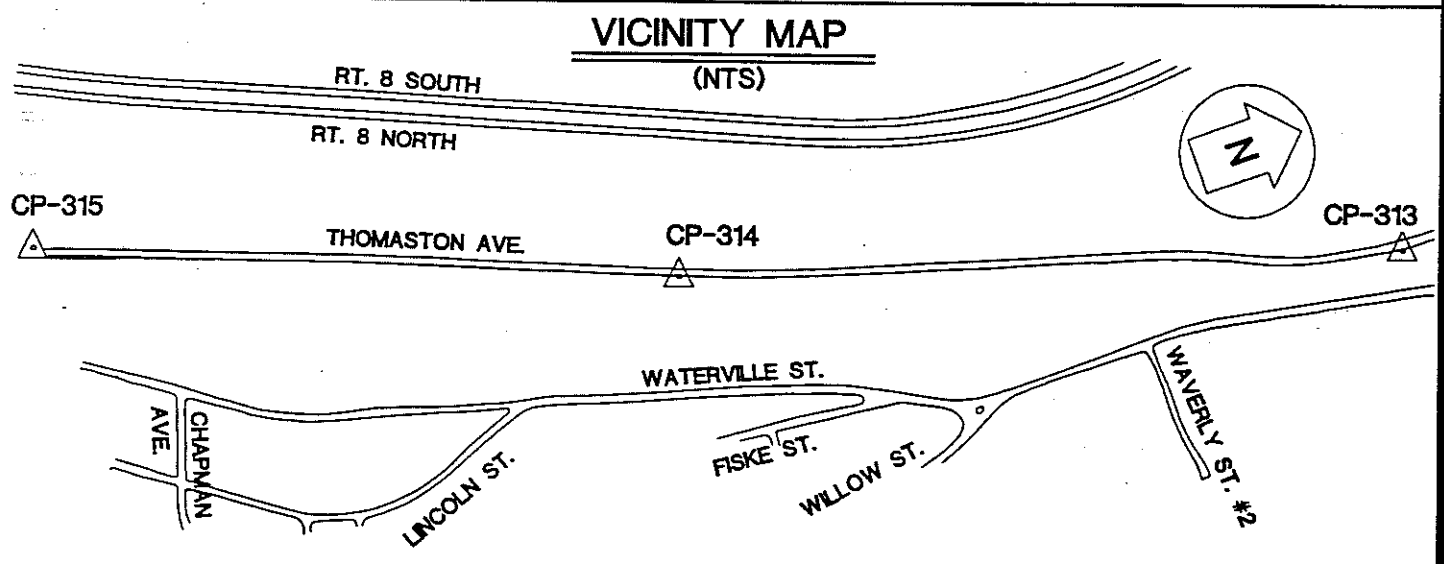
**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

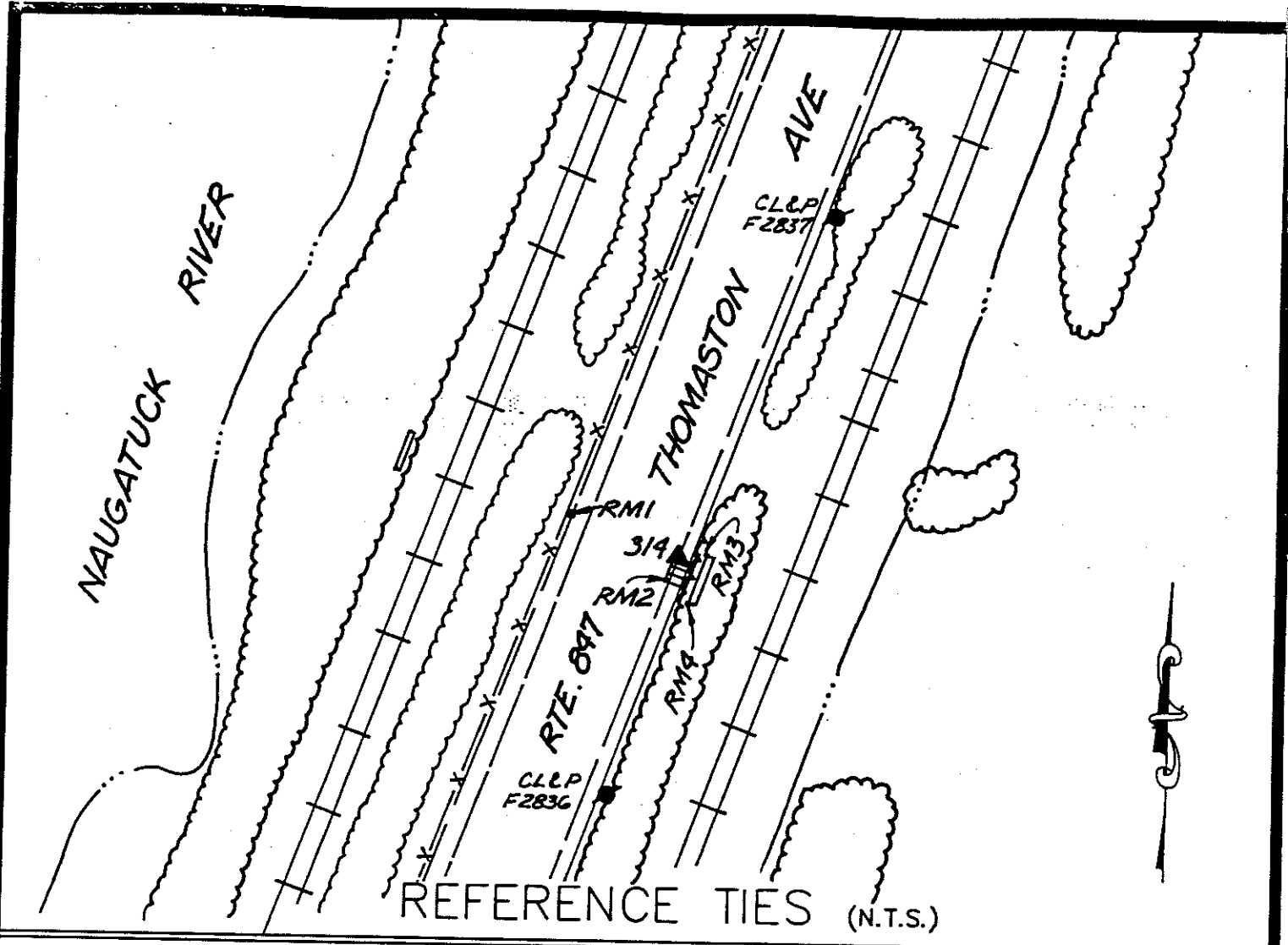
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-313	2420.494	0°-00'-00"	17°-12'-45.4"
CP-315	2157.171	184°-35'-40.4"	201°-48'-25.7"
RM1	29.93	276°-11'-57"	
RM2	3.36	175°-50'-35"	
RM3	6.95	32°-21'-44"	
RM4	9.92	162°-31'-39"	



**COMMENTS**

**STATION #314:** A BRASS DISK IN THE NORTHWEST CORNER OF A CATCH BASIN OPPOSITE THE HEADWALL AND 60'± NORTH OF CL&P POLE #F2836 ON THE EAST SIDE OF THOMASTON AVE.

**RM1:** WEST OF STATION - A PK NAIL IN EDGE OF BIT. OPPOSITE WOOD GUARD RAIL POST

**RM2:** SOUTH OF STATION - A CHISEL CROSS IN THE SOUTHWEST CORNER OF THE STEEL FRAME OF A CATCH BASIN

**RM3:** NORTHEAST OF STATION - A 3/8" DRILL HOLE IN THE E.W. CORNER TOP OF CONCRETE HEADWALL

**RM4:** SOUTHEAST OF STATION - A 3/8" DRILL HOLE IN THE SOUTHWEST CORNER TOP OF CONCRETE HEADWALL



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 76 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-315

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 768,367.431 FEET  
 E. 916,760.957 FEET  
 DATE 6 - 15 - 83

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-34'-10.08004"  
 LONG. 73°-03'-15.09466"  
 THETA ANGLE - 0°-12'-06.1"

**TYPE OF MARKER**  
 CDOT BASELINE MON.

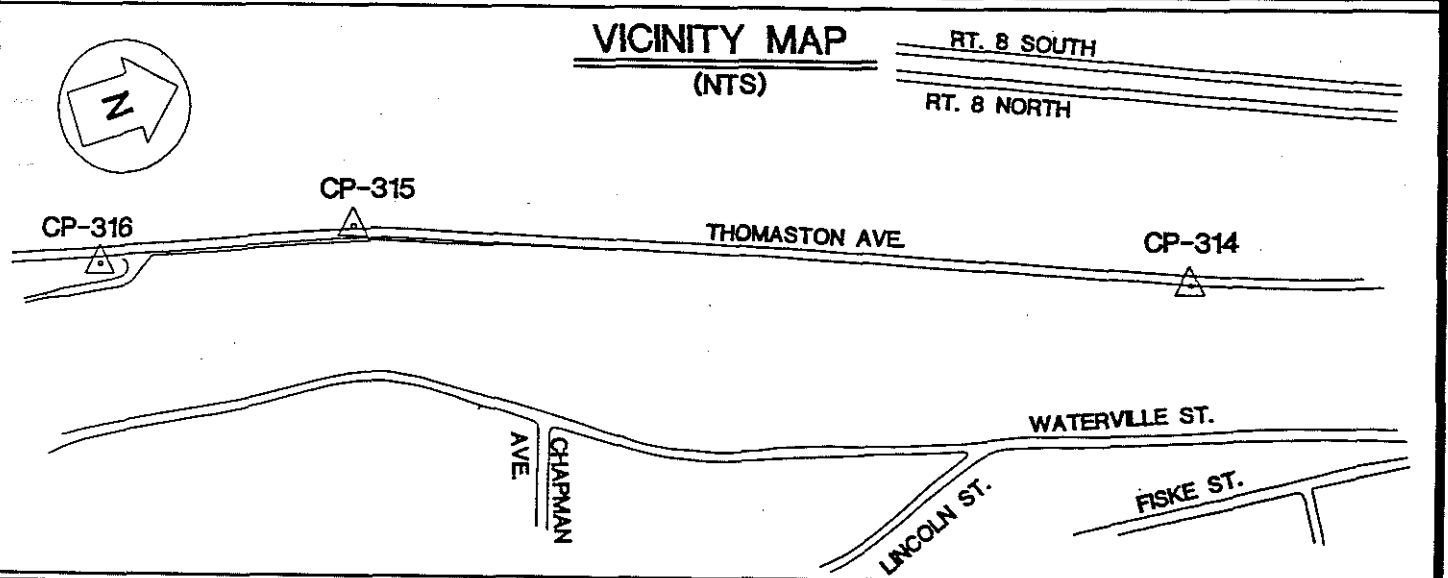
**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

CONDITION OF STATION	BY	DATE

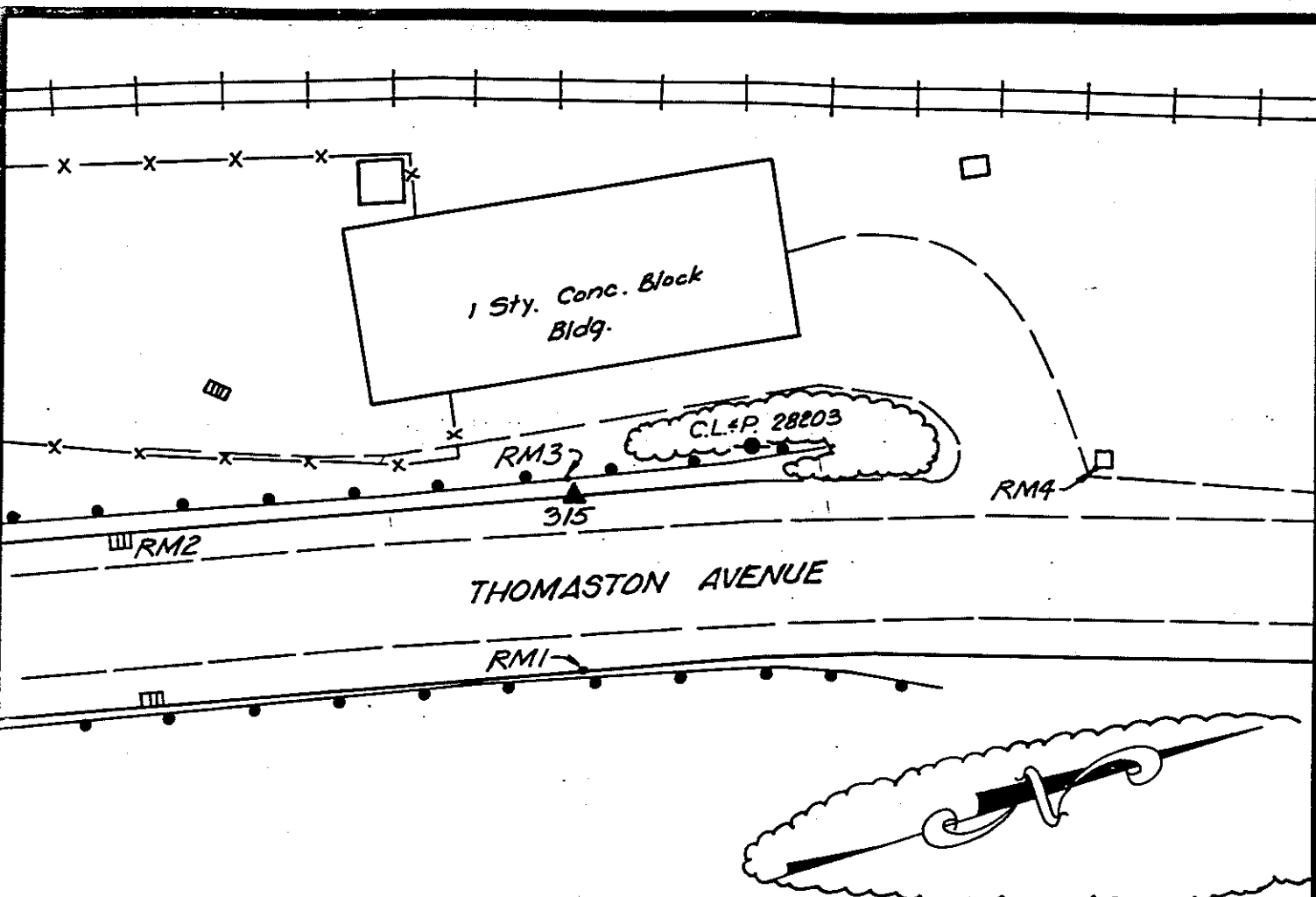
**ELEVATIONS**

\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-314	2157.171	0°-00'-00"	21°-48'-25.7"
CP-316	657.187	187°-34'-52.8"	189°-23'-18.5"
RM1	40.19	84°-46'-15"	
RM2	112.23	172°-33'-13"	
RM3	5.16	261°-19'-21"	
RM4	113.00	348°-24'-34"	



REFERENCE TIES (N.T.S.)

#315

COMMENTS

STATION #315: A CONNECTICUT D.O.T. BASE LINE PT. (R.R. SPIKE) LOCATED AT THE WEST SIDE OF THOMASTON AVE., 2" BELOW SURFACE OF THE ROAD, 58' SOUTH OF NORTH RANGE OF BUILDING

RM1: EAST OF STATION - A PK NAIL IN TOP OF BIT. CURB ON WEST SIDE OF RTE. #847

RM2: SOUTH OF STATION - A DRILL HOLE ON CURB LINE AT CENTERLINE OF CATCH BASIN ON WEST SIDE OF RTE. #847

RM3: WEST OF STATION - A PK NAIL IN ASPHALT UNDER GUIDE RAIL ON WEST SIDE OF RTE. #847, 43' NORTH OF SOUTH RANGE OF BUILDING

RM4: NORTH OF STATION - A "+" ON TOP OF THE SOUTHEAST COLT ON A BASE OF SIG. SIGN IS 64' NORTH OF NORTH RANGE OF BUILDING AND 40' EAST OF EAST RANGE OF BUILDING



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 666-0124

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-316

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 767,719.067 FEET

E. 916,653.755 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-34'-03.67084"

LONG. 73°-03'-16.47494"

THETA ANGLE - 0°-12'-07.0"

**TYPE OF MARKER**  
CDOT BASELINE MON.

**ALSO REFERRED TO AS STATION #**  
RAN C3337

CONDITION OF STATION	BY	DATE

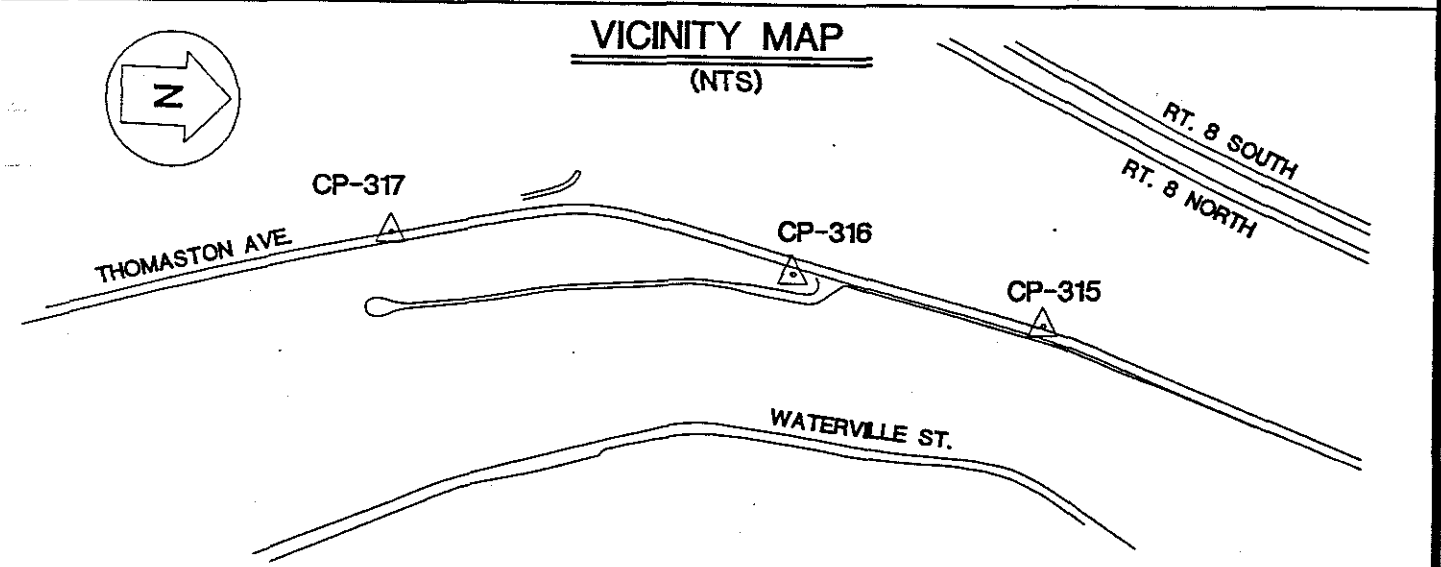
**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

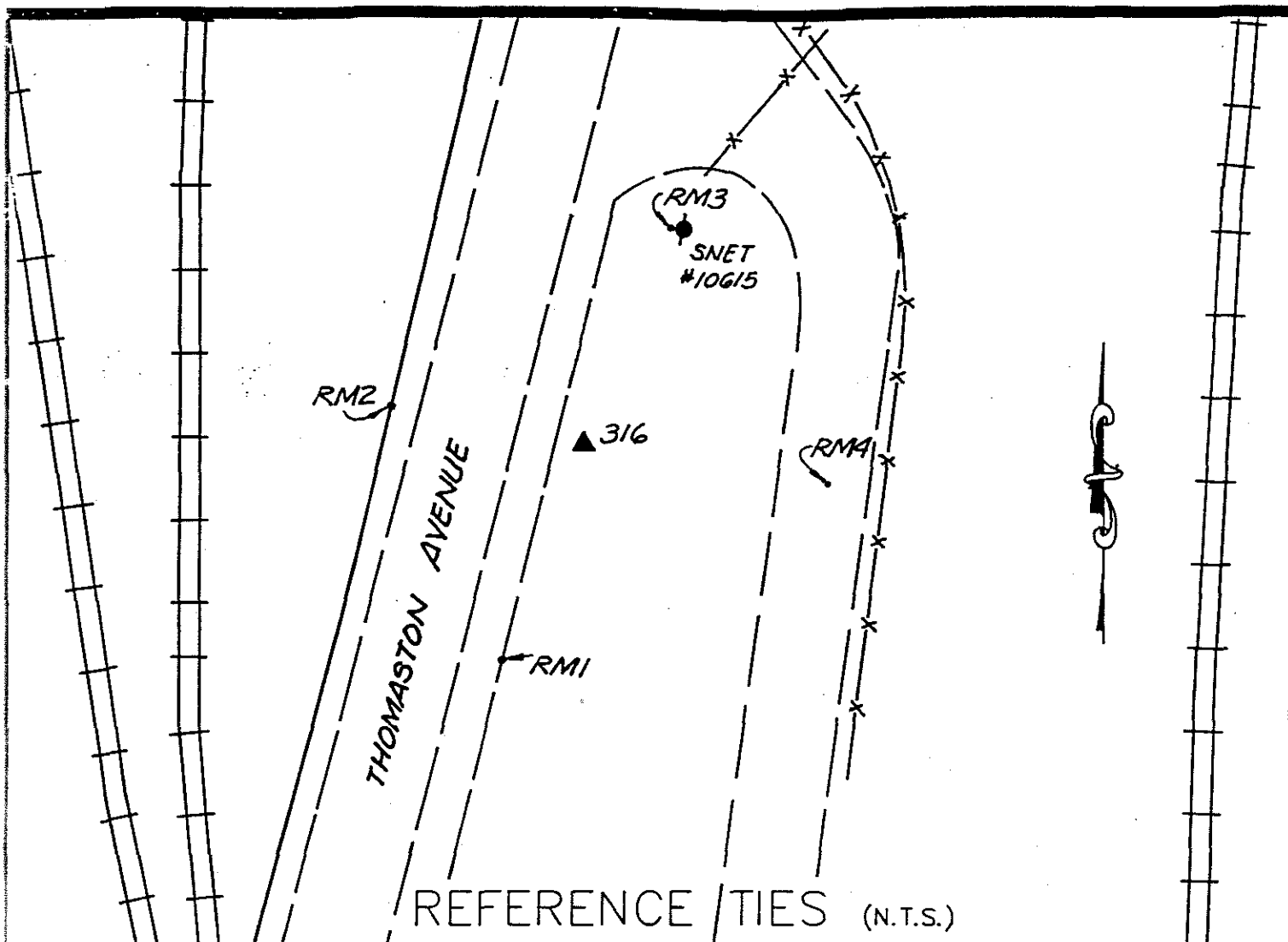
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-315	657.167	0°-00'-00"	09°-23'-18.5"
CP-317	1042.555	174°-12'-41.8"	183°-36'-00.3"
RM1	55.83	191°-28'-50"	
RM2	48.45	277°-12'-44"	
RM3	56.05	11°-01'-51"	
RM4	59.49	97°-02'-12"	

SEE REVERSE SIDE FOR REFERENCE TIES



COMMENTS

STATION #316: STATION IS A CONN. D.O.T. MONUMENT, 102' SOUTH OF CENTERLINE OF BIT. DRIVE, 4' WEST OF GUARD RAIL ON EAST SIDE OF THOMASTON AVE.

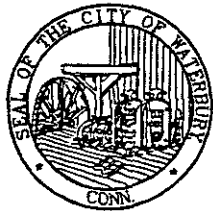
RM1: SOUTH OF STATION - PK NAIL IN TOP OF BIT. CURB ON EAST SIDE OF RTE. 847, 87'± NORTH OF EAST BRIDGE ABUTMENT

RM2: WEST OF STATION - DRILL HOLE IN TOP OF GRANITE CURB ON WEST SIDE OF RTE. 847

RM3: NORTH OF STATION - PK NAIL IN ASPHALT, 3.0' WEST OF SNET CO. POLE #10615

RM4: EAST OF STATION - R.R. SPIKE IN CENTERLINE OF BIT. DRIVE, 71'± SOUTH OF SNET CO. POLE #10615





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KOTTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-317

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 766,678.569 FEET

E. 916,588.291 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-53.38850"

LONG. 73°-03'-17.28787"

THETA ANGLE - 0°-12'-07.6"

**TYPE OF MARKER**  
CDOT BASELINE MON.

**ALSO REFERRED TO AS STATION #**  
RAN C3335

**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

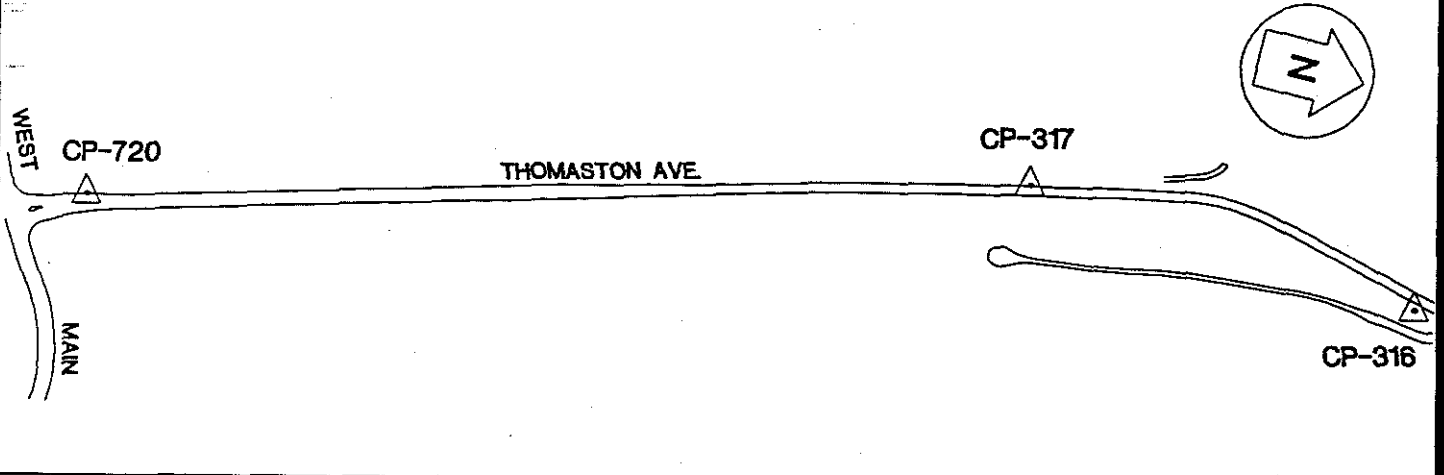
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

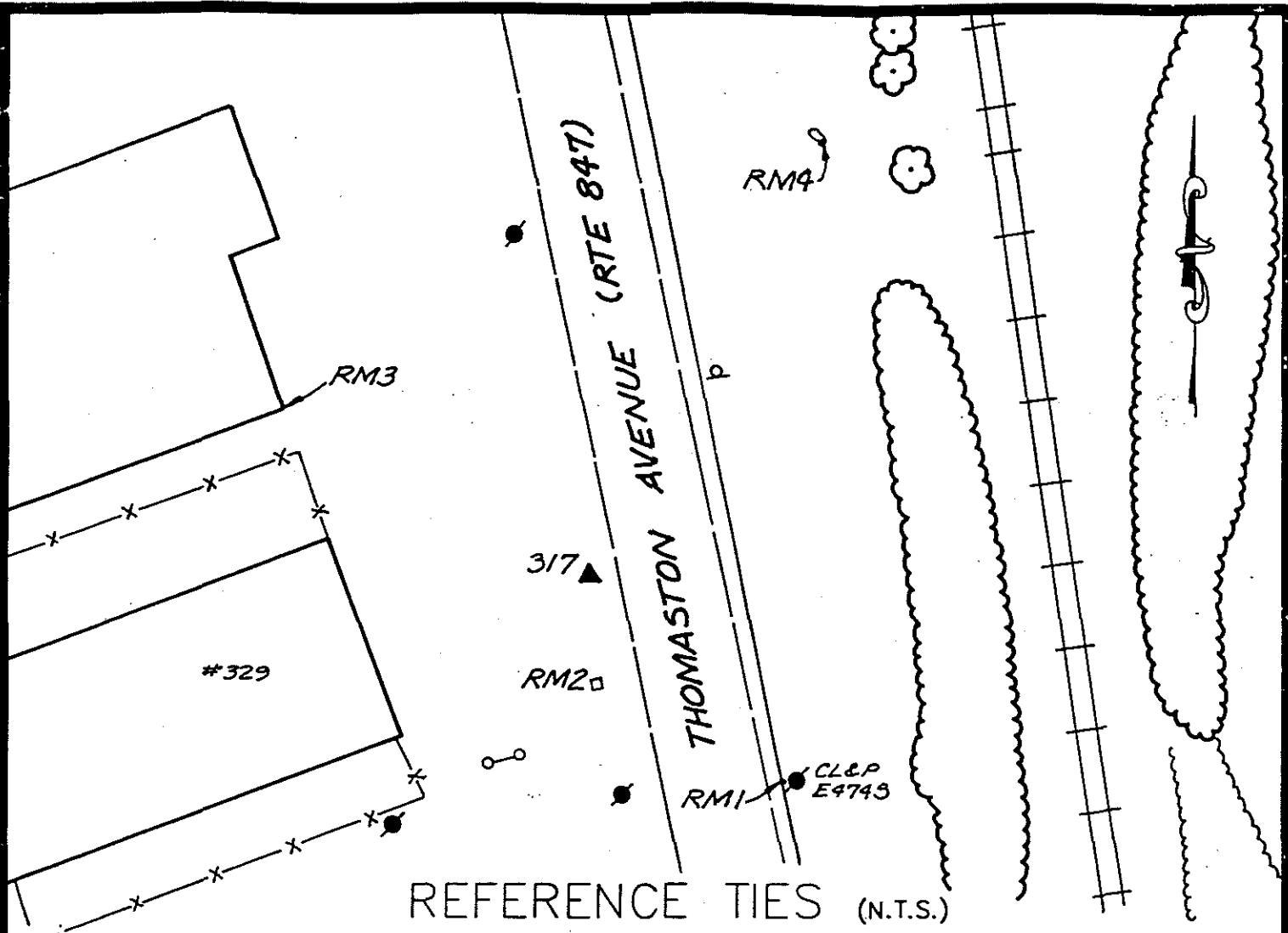
DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE

## VICINITY MAP (NTS)



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-316	1042.555	0°-00'-00"	03°-38'-00.3"
CP-720	2432.742	161°-21'-25.5"	164°-57'-25.8"
RM1	78.88	140°-08'-43"	
RM2	54.77	203°-42'-08"	
RM3	79.25	285°-01'-34"	
RM4	68.12	42°-01'-04"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #317: A CONNECTICUT D.O.T. BRASS DISK STAMPED C-3335 AND SET IN THE TOP OF A REINFORCED CONCRETE POST, SET EAST OF BIT. ISLAND, 2" BELOW BIT. SURFACE ON THE WEST SIDE OF THOMASTON AVE.

RM1: SOUTHEAST OF STATION - A PK NAIL ON TOP OF A CURB ON EAST SIDE OF THOMASTON AVE., 1.9' WEST OF CL&P ANCHOR POLE #E474S

RM2; SOUTH OF STATION - A CONNECTICUT D.O.T. BOUNDARY DISK SET IN THE TOP OF A REINFORCED CONCRETE POST, 1" BELOW THE SURFACE OF THE BIT. PARKING LOT, 1.7' SOUTH OF THE SOUTH RANGE OF A 1-STORY BRICK BUILDING #329 THOMASTON AVE.

RM3: NORTHWEST OF STATION - SOUTHEAST CORNER OF A 2-STORY BLOCK BUILDING, 5TH BLOCK UP FROM FOUNDATION

RM4: NORTHEAST OF STATION - A DRILL HOLE ON THE SOUTH SIDE OF 1' X 3' ROCK OUTCROP, 14' SOUTH OF SOUTH RANGE OF 2-STORY BLOCK BUILDING AND EAST OF CENTERLINE OF THOMASTON AVE.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KOTTS LANE NEWINGTON, CT (203) 666-0734

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-400

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 774,400.458 FEET

E. 910,368.011 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-35'-09.45379"

LONG. 73°-04'-39.50056"

THETA ANGLE - 0°-13'-02.1"

**TYPE OF MARKER**  
CITY ROD MON

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

**ELEVATIONS**

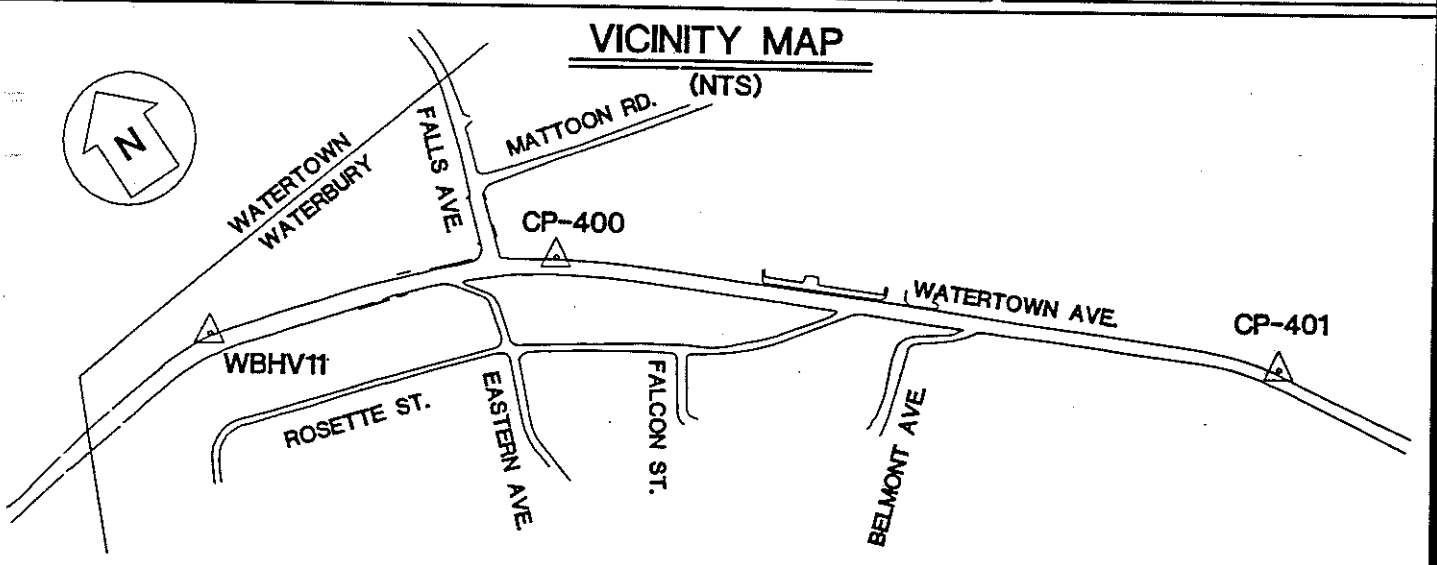
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

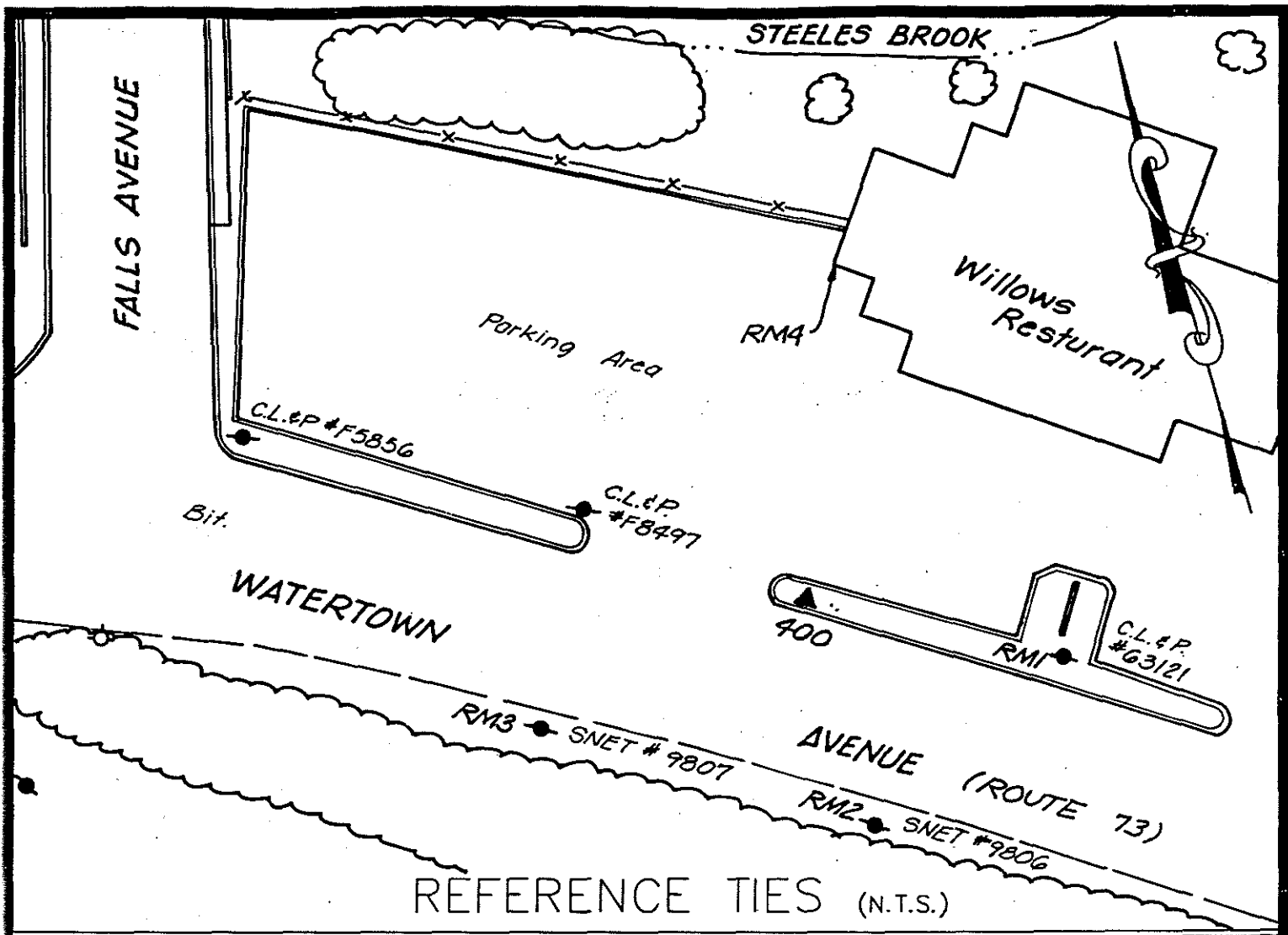
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



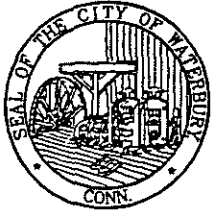
OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
WBHV11	909.33	0°-00'-00"	291°-20'-04.1"
CP-401	1884.087	201°-25'-10.3"	132°-45'-14.4"
RM1	63.99	185°-37'-36"	
RM2	57.88	253°-51'-34"	
RM3	71.13	330°-50'-48"	
RM4	77.96	92°-19'-45"	



REFERENCE TIES (N.T.S.)

COMMENTS

- STATION #400: SET ROD MONUMENT ON EAST SIDE OF WATERTOWN AVE., 2' EAST OF BIT. CURB
- RM1: EAST OF STATION - A PK NAIL 2'± UP IN CL&P POLE #63121, EAST OF CENTERLINE OF ROAD
- RM2: SOUTH OF STATION - A PK NAIL 2'± UP IN SNET CO. POLE #9806, WEST OF CENTERLINE OF ROAD
- RM3: WEST OF STATION - A PK NAIL 2'± UP IN SNET CO. POLE #9807, WEST OF CENTERLINE OF ROAD
- RM4: NORTHEAST OF STATION - NORTHWEST CORNER OF BUILDING, MEASUREMENT TAKEN 3' FROM GROUND, CORNER IS ALUMINUM SIDING



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 966-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-401

**IN THE TOWN OF  
 WATERBURY**

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 773,121,440 FEET  
 E. 911,751,449 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-34'-56.86889"  
 LONG. 73°-04'-21.23273"  
 THETA ANGLE - 0°-12'-50.0"

**TYPE OF MARKER**  
 CITY ROD MON.

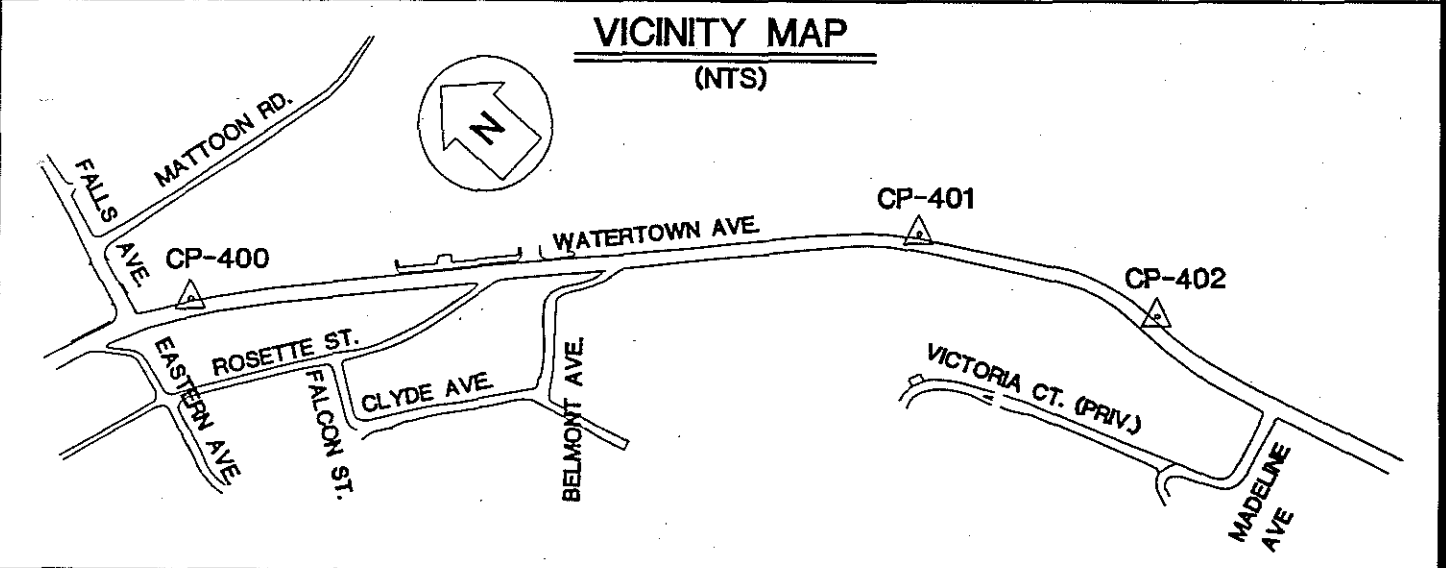
**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

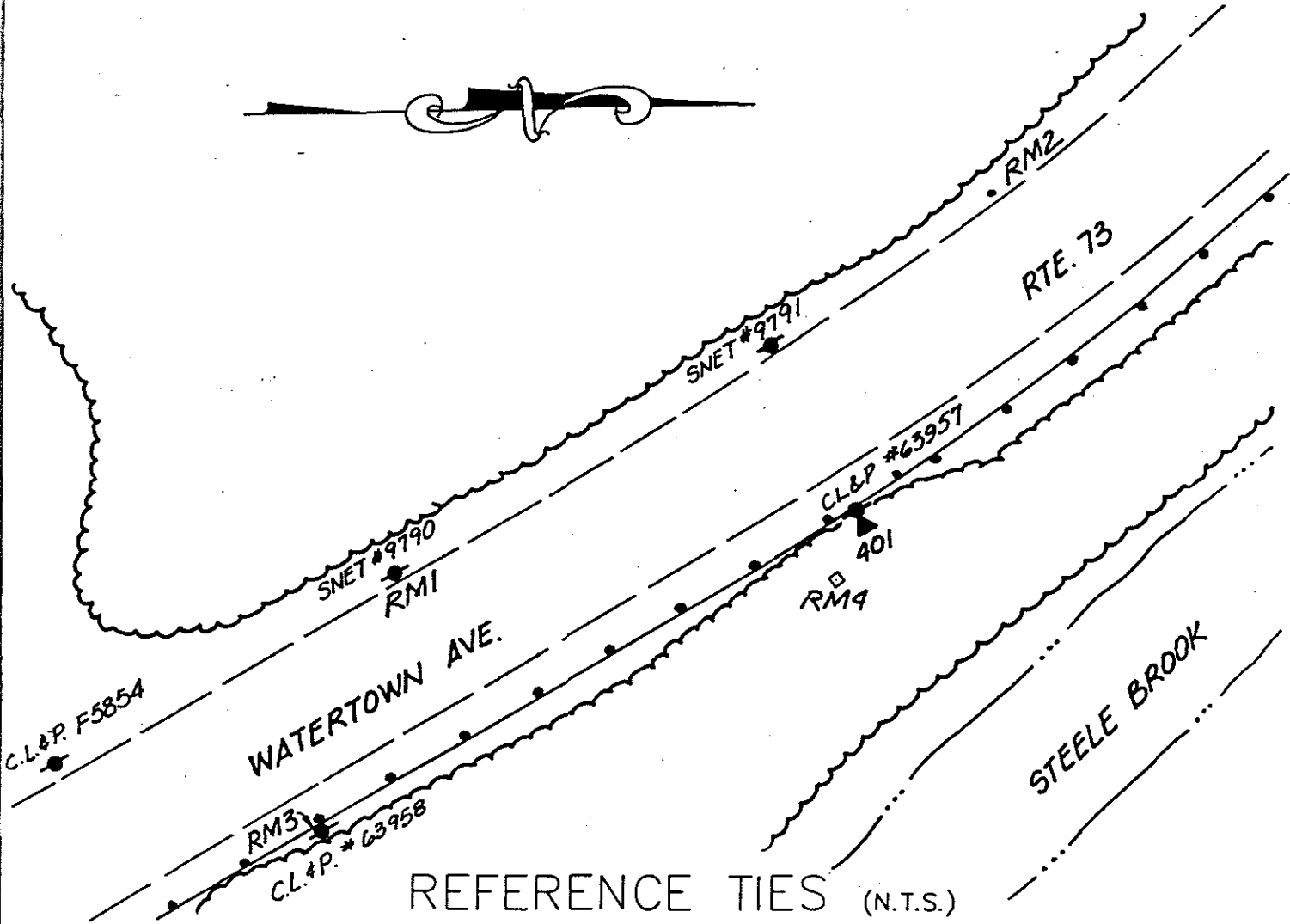
\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-400	1884.087	0°-00'-00"	312°-45'-14.4"
CP-402	646.724	204°-21'-38.0"	157°-06'-50.4"
RM1	110.57	221°-08'-40"	
RM2	82.12	338°-51'-20"	
RM3	147.23	197°-53'-31"	
RM4	13.84	158°-51'-48"	



REFERENCE TIES (N.T.S.)

COMMENTS

- STATION #401: SET ROD MONUMENT 3' EAST OF CL&P POLE #63957 ON EAST SIDE OF WATERTOWN AVE.
- RM1: SOUTH OF STATION - A PK NAIL 2'± UP IN SNET CO. POLE #9790, WEST OF CENTERLINE OF ROAD
- RM2: NORTHWEST OF STATION - A 3/8" DRILL HOLE IN A ROCK LEDGE, 65' NORTH OF SNET CO. POLE #9791
- RM3: SOUTHEAST OF STATION - A PK NAIL 2'± UP IN CL&P POLE #63958, EAST OF CENTERLINE OF ROAD
- RM4: EAST OF STATION - CHD MONUMENT ON EAST SIDE OF WATERTOWN AVE., 13' EAST OF EDGE OF ROAD



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

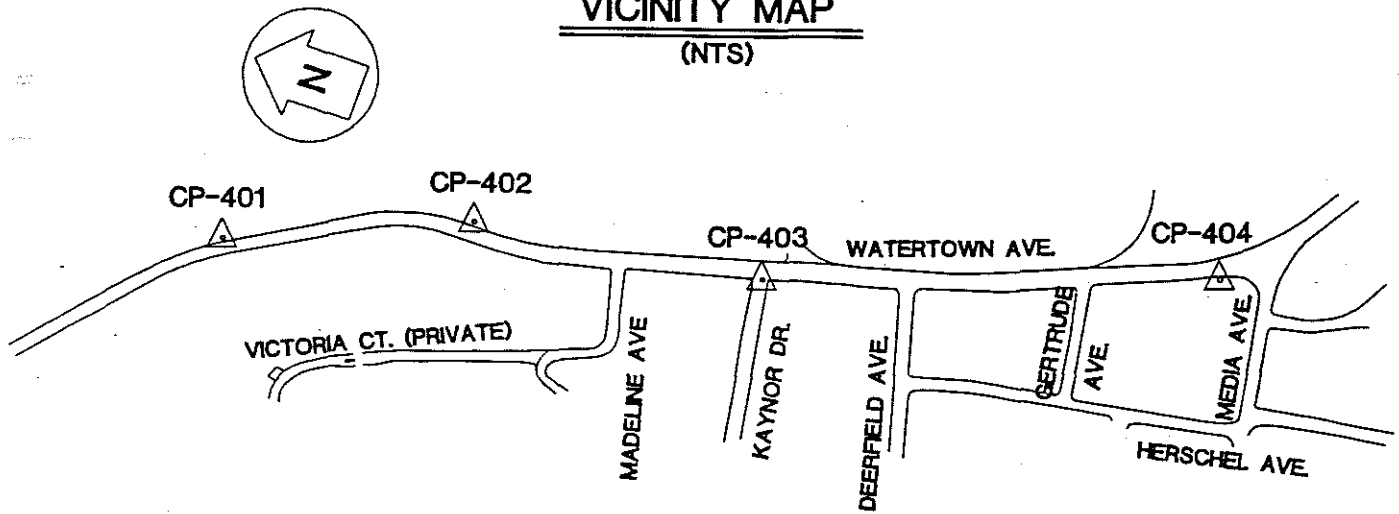


**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KITTS LANE NEWINGTON, CT (203) 866-0134

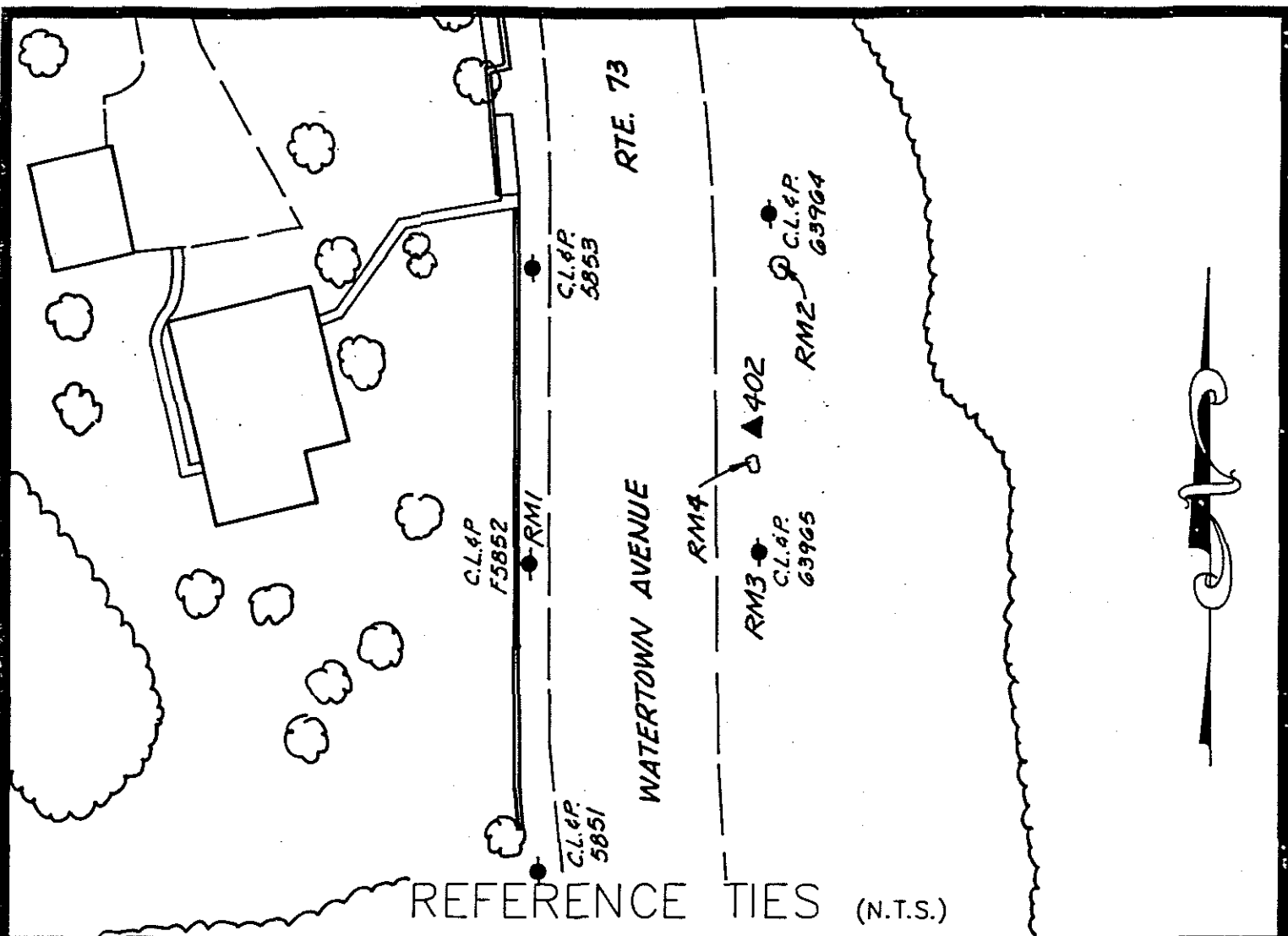
<b>STATE PLANE COORDS</b> (NAD '83 PRELIMINARY) N. _____ FEET E. _____ FEET DATE _____	<b>GEOGRAPHIC POSITION</b> (NAD '83 PRELIMINARY) LAT. _____ LONG. _____ DATE _____	<b>STATION #</b> CP-402 IN THE TOWN OF WATERBURY																		
<b>STATE PLANE COORDS</b> (NAD '83 FINAL) N. 772,525.626 FEET E. 912,002.959 FEET DATE 6 - 15 - 93	<b>GEOGRAPHIC POSITION</b> (NAD '83 FINAL) LAT. 41°-34'-50.99188" LONG. 73°-04'-17.89404" THETA ANGLE - 0°-12'-47.8"	TYPE OF MARKER CHD MON. ALSO REFERRED TO AS STATION # _____																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">CONDITION OF STATION</th> <th style="width: 15%;">BY</th> <th style="width: 35%;">DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>		CONDITION OF STATION	BY	DATE																<b>ELEVATIONS</b> _____ FEET (NAVD 88) DATE _____ _____ FEET (CITY OF WATERBURY DATUM) DATE _____
CONDITION OF STATION	BY	DATE																		

### VICINITY MAP (NTS)



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-401	646.724	0°-00'-00"	337°-06'-50.4"
CP-403	755.395	194°-56'-20.6"	172°-03'-11.0"
RM1	63.44	194°-57'-29"	
RM2	36.53	27°-06'-09"	
RM3	29.94	194°-56'-31"	
RM4	7.01	234°-38'-55"	

SEE REVERSE SIDE FOR REFERENCE TIES



COMMENTS

STATION #402: CHD MONUMENT WITH CROSS, 29' EAST OF MH IN CENTERLINE OF WATERTOWN AVE.

RM1: SOUTHWEST OF STATION - A PK NAIL 2'± UP IN CL&P POLE #F5852, WEST OF CENTERLINE OF ROAD

RM2: NORTH OF STATION - A 3/8" DRILL HOLE IN ROCK ON EAST SIDE OF WATERTOWN AVE., 12' SOUTH OF CL&P POLE #63964 AND 16' WEST OF EDGE OF ROAD

RM3: SOUTH OF STATION - A PK NAIL 2'± UP IN CL&P POLE NO. 63965, EAST OF CENTERLINE OF ROAD

RM4: SOUTH OF STATION - A 3/8" DRILL HOLE IN ROCK ON EAST SIDE OF WATERTOWN AVE., 8.5' EAST OF EDGE OF ROAD





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-403

IN THE TOWN OF  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 771777.485 FEET  
 E. 912107.397 FEET  
 DATE 8 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-34'-43.60409"  
 LONG. 73°-04'-16.48323"  
 THETA ANGLE - 0°-12'-46.8"

TYPE OF MARKER  
 BRONZE DISK

ALSO REFERRED TO AS STATION #  
 CTGS 1523

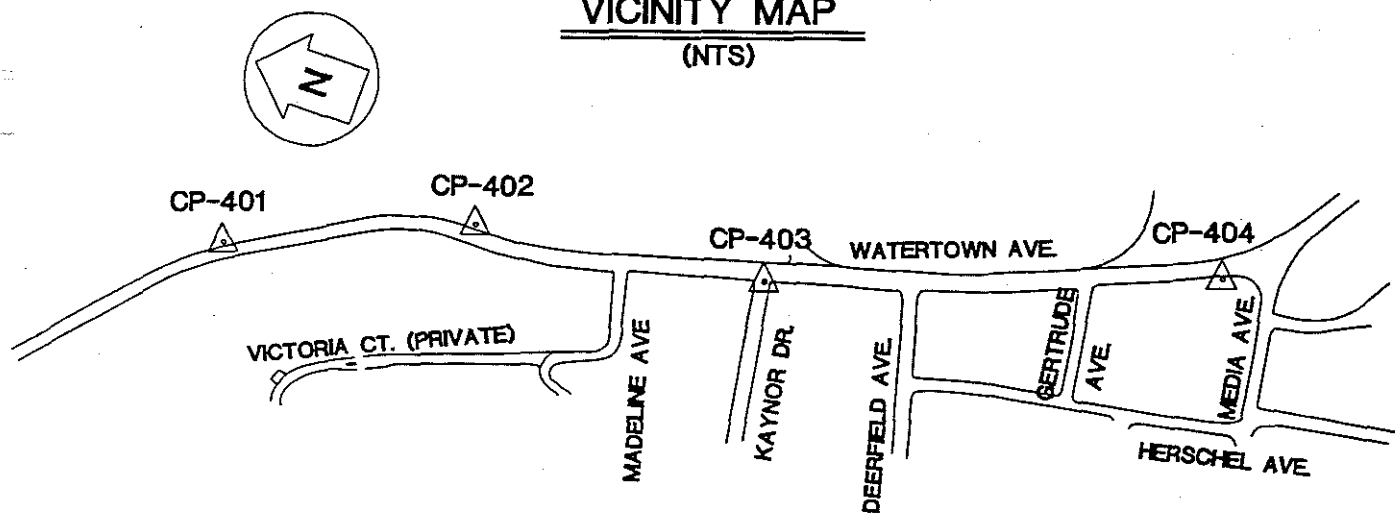
**ELEVATIONS**

\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

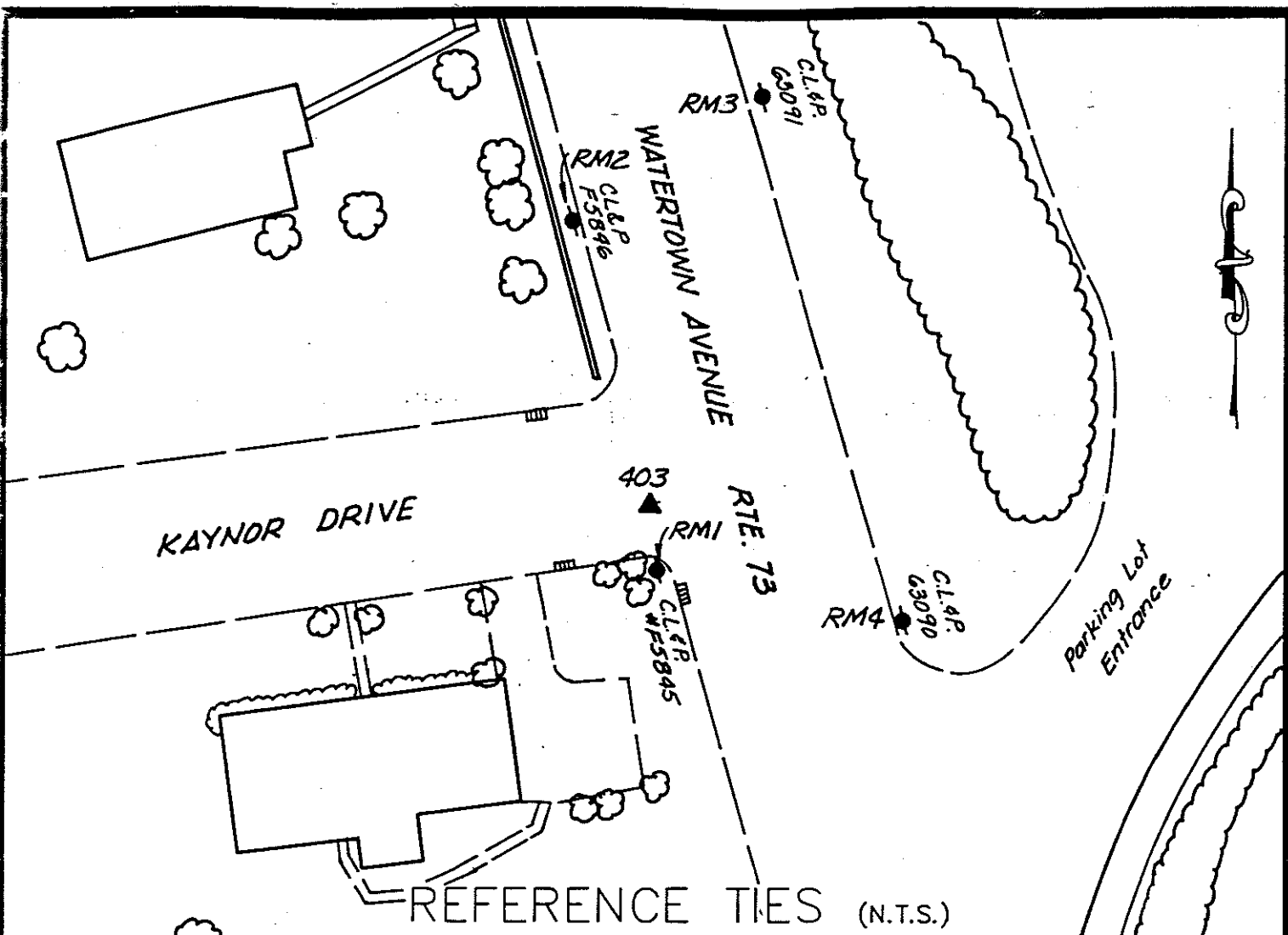
\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE

### VICINITY MAP (NTS)



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-402	755.395	0°-00'-00"	352°-03'-11.0"
CP-404	1176.042	168°-47'-27.4"	180°-50'-38.4"
RM1	15.51	176°-08'-34"	
RM2	72.26	351°-54'-56"	
RM3	99.72	23°-21'-33"	
RM4	67.53	124°-10'-04"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #403: A C.G.S. MONUMENT #1523 IN THE GUTTER LINE OF THE WEST SIDE OF WATERTOWN AVE. AT THE INTERSECTION OF KAYNOR DR. AND WATERTOWN AVE., 4"± BELOW BIT., AND 12"± NORTH OF SOUTH GUTTER LINE OF KAYNOR DR.

RM1: SOUTH OF STATION - A PK NAIL 2'± UP CL&P POLE #F5845, SOUTHWEST CORNER OF WATERTOWN AVE. AND KAYNOR DR.

RM2: NORTHWEST OF STATION - A PK NAIL 2'± UP CL&P POLE #F5846, 60'± NORTH OF CENTERLINE OF KAYNOR DR. AND ON WEST SIDE OF WATERTOWN AVE.

RM3: NORTHEAST OF STATION - A PK NAIL 2'± UP CL&P POLE NO. 63091, 70'± NORTH OF CENTERLINE OF KAYNOR DR. AND ON EAST SIDE OF WATERTOWN AVE.

RM4: SOUTHEAST OF STATION - A PK NAIL 2'± UP CL&P POLE #63090, 50'± SOUTH OF CENTERLINE OF KAYNOR DR. AND ON EAST SIDE OF WATERTOWN AVE.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-404

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 770,666.562 FEET

E. 912,493.305 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-34'-32.84282"

LONG. 73°-04'-11.35143"

THETA ANGLE - 0°-12'-43.4"

**TYPE OF MARKER**  
CITY ROD MON.

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

CONDITION OF STATION	BY	DATE

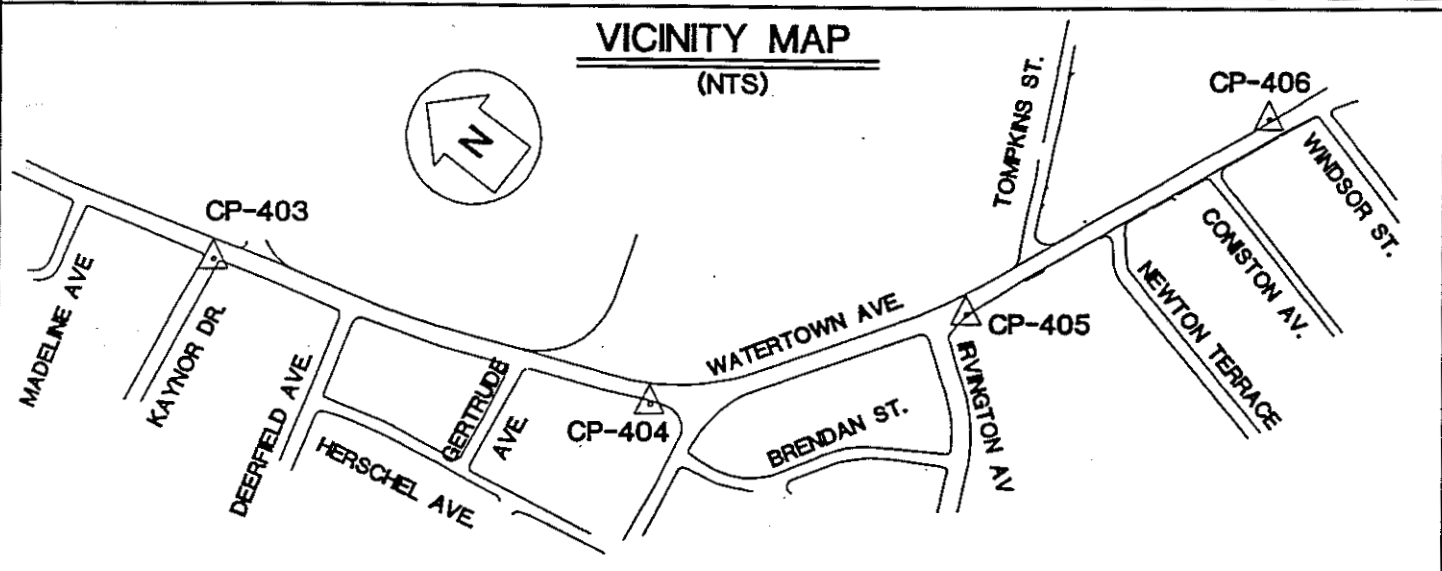
**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

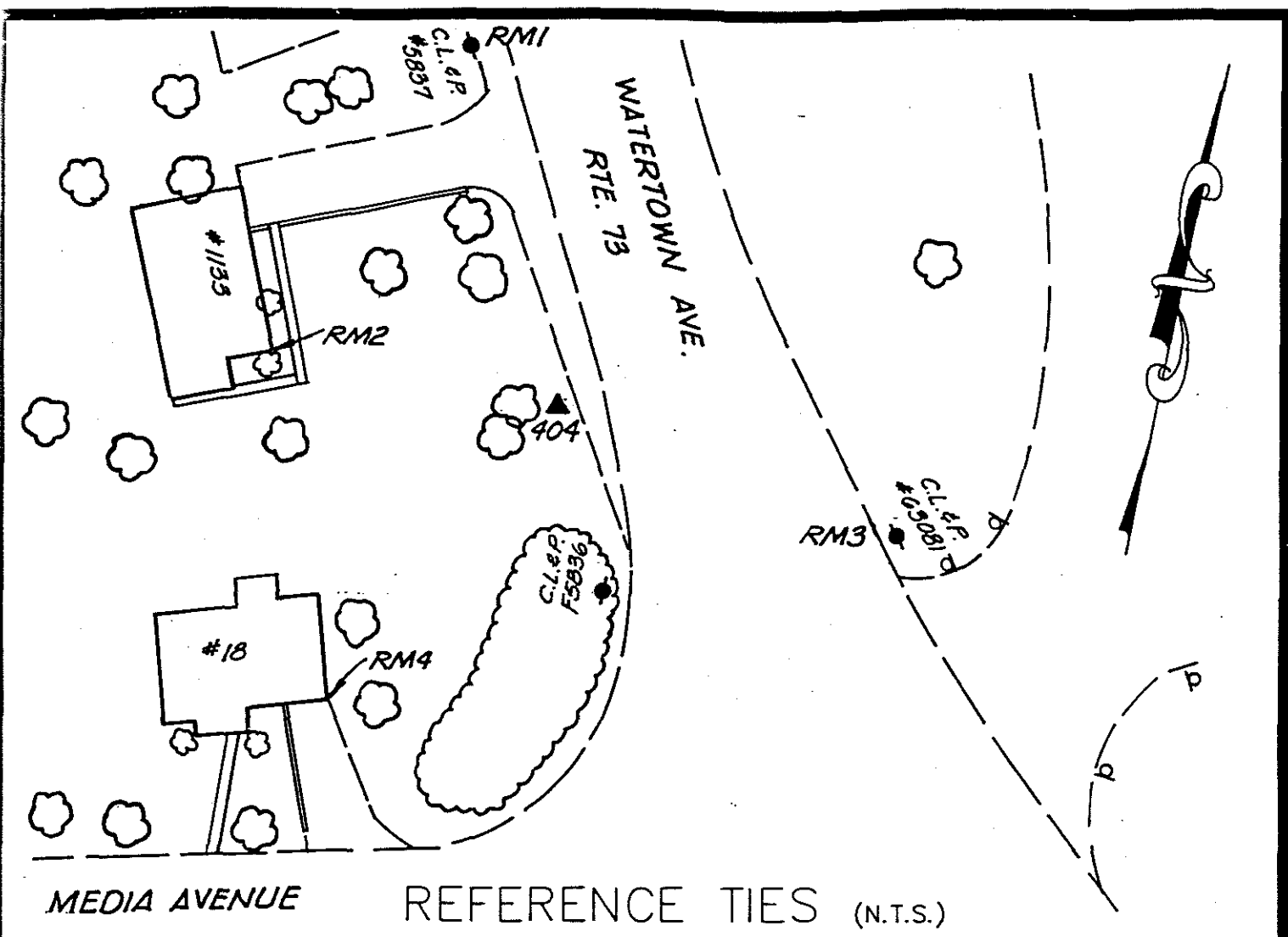
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-403	1176.042	0°-00'-00"	340°-50'-38.4"
CP-405	848.887	145°-33'-38.9"	128°-24'-17.3"
RM1	88.52	355°-24'-23"	
RM2	71.16	291°-25'-58"	
RM3	84.56	120°-49'-29"	
RM4	87.47	229°-12'-18"	



MEDIA AVENUE

REFERENCE TIES (N.T.S.)

COMMENTS

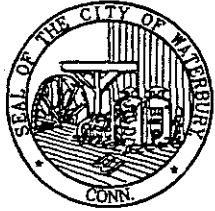
STATION #404: SET ROD MONUMENT, WEST SIDE OF WATERTOWN AVE., 21' WEST OF MANHOLE AND 22' NORTH OF BELL SYSTEM MANHOLE

RM1: NORTHWEST OF STATION - A PK NAIL 2'± UP IN CL&P POLE #5837, EAST OF CENTERLINE OF ROAD

RM2: WEST OF STATION - SOUTHEAST CORNER OF FOUNDATION AT BOTTOM BRICK OF HOUSE #1133

RM3: SOUTHEAST OF STATION - A PK NAIL 2'± UP IN CL&P POLE #63081, WEST OF CENTERLINE OF ROAD

RM4: SOUTHWEST OF STATION - SOUTHEAST CORNER OF FOUNDATION AT BOTTOM BRICK OF HOUSE #18 MEDIA AVE.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-405

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 770,162.759 FEET

E. 813,176.527 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-34'-27.69007"

LONG. 73°-04'-02.33787"

THETA ANGLE - 0°-12'-37.4"

**TYPE OF MARKER**  
RR SPIKE

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

CONDITION OF STATION	BY	DATE

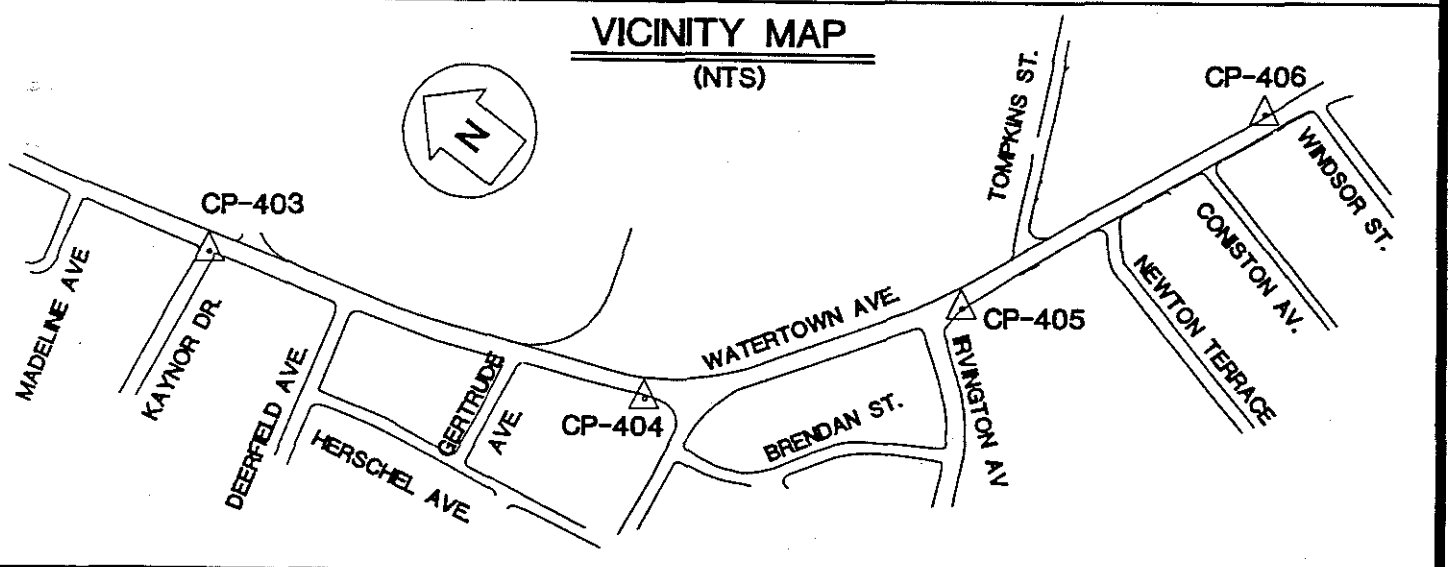
**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

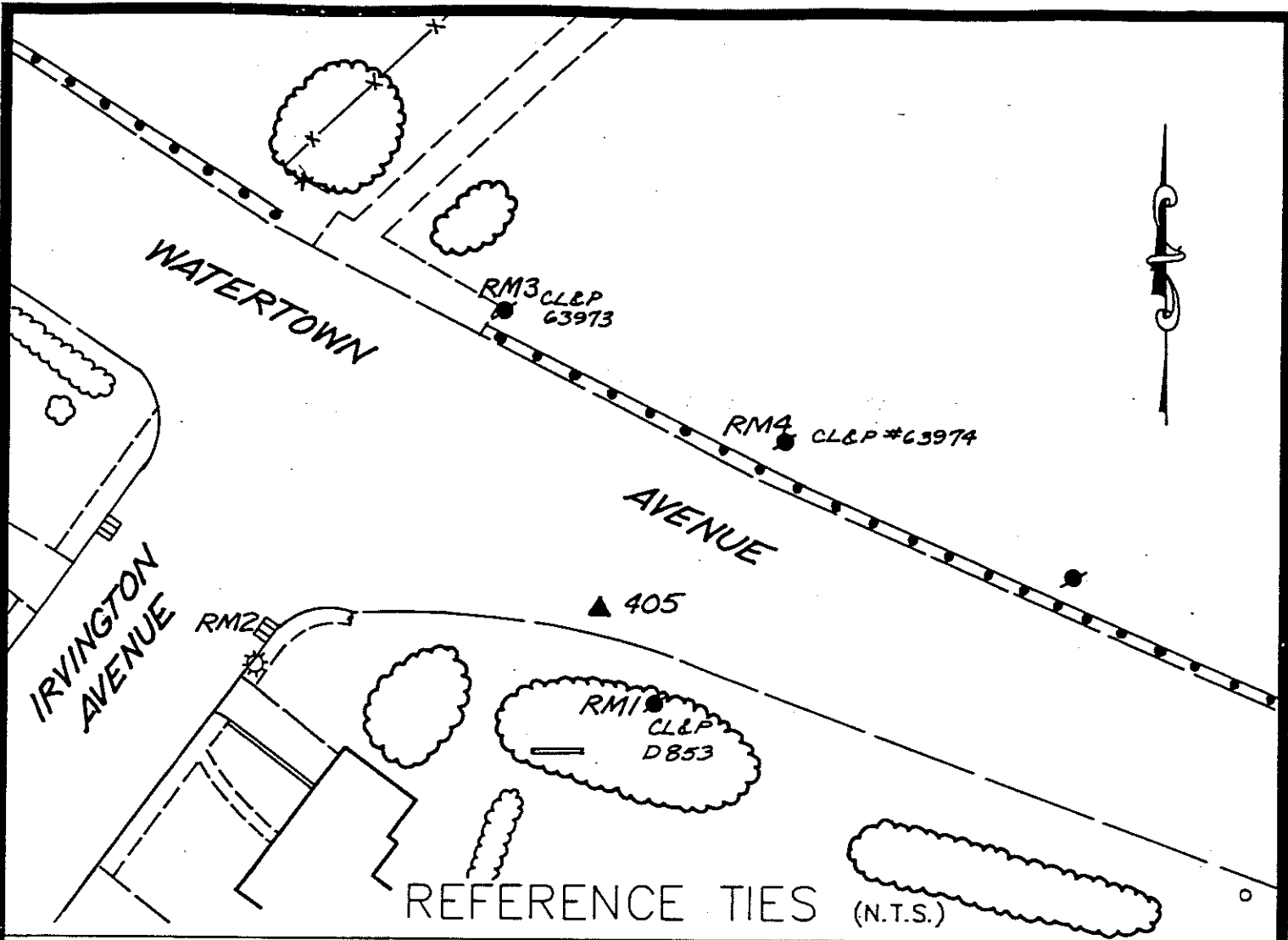
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-404	848.887	0°-00'-00"	306°-24'-17.3"
CP-406	921.883	163°-14'-13.8"	109°-38'-31"
RM1	19.90	199°-09'-25"	
RM2	54.03	329°-12'-33"	
RM3	80.91	36°-49'-31"	
RM4	64.54	96°-49'-16"	



REFERENCE TIES (N.T.S.)

COMMENTS

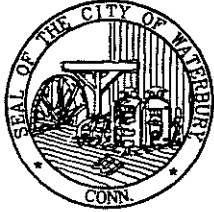
STATION #405: R.R. SPIKE WITH "+" IN BIT, 60'± SOUTH OF INTERSECTION OF WATERTOWN AVE. AND IRVINGTON AVE., WEST SIDE OF WATERTOWN AVE., 3'± OFF CURB

RM1: SOUTHEAST OF STATION - A PK NAIL 1'± UP CL&P POLE #D853

RM2: WEST OF STATION - CHISEL "+" ON CORNER OF FRAME OF CATCH BASIN AT SOUTHWEST CORNER OF IRVINGTON AVE. AND WATERTOWN AVE.

RM3: NORTHWEST OF STATION - A PK NAIL 3'± UP CL&P POLE #63973, EAST SIDE OF WATERTOWN AVE.

RM4: NORTHEAST OF STATION - A PK NAIL 3'± UP CL&P POLE #63974, EAST SIDE OF WATERTOWN AVE.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KITTS LANE NEWINGTON, CT (203) 888-0134

**STATE PLANE COORDS**  
(NAD '83 PRELIMINARY)

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION**  
(NAD '83 PRELIMINARY)

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-200

IN THE TOWN OF  
WOLCOTT

**STATE PLANE COORDS**  
(NAD '83 FINAL)

N. 771613.242 FEET

E. 932,242.769 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION**  
(NAD '83 FINAL)

LAT. 41°-34'-42.63626"

LONG. 72°-59'-51.53923"

THETA ANGLE - 0°-09'-51.1"

TYPE OF MARKER  
CITY ROD MON.

ALSO REFERRED TO AS STATION #

**ELEVATIONS**

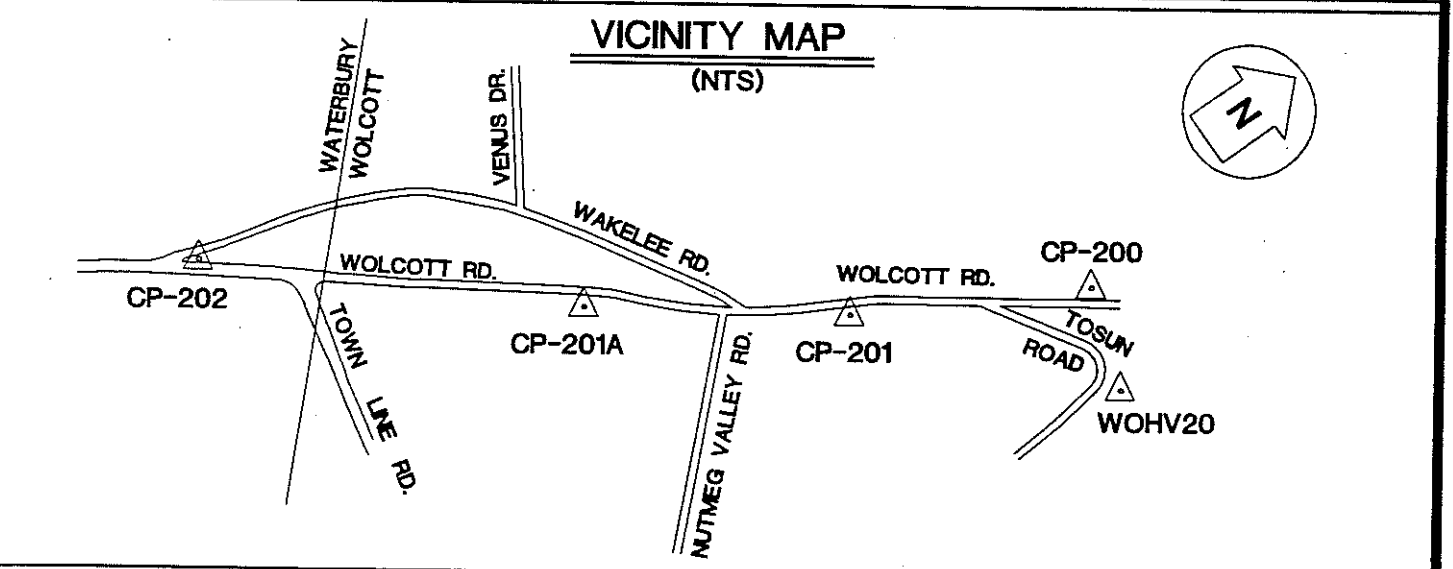
CONDITION OF STATION	BY	DATE

\_\_\_\_\_ FEET  
(NAVD 88)

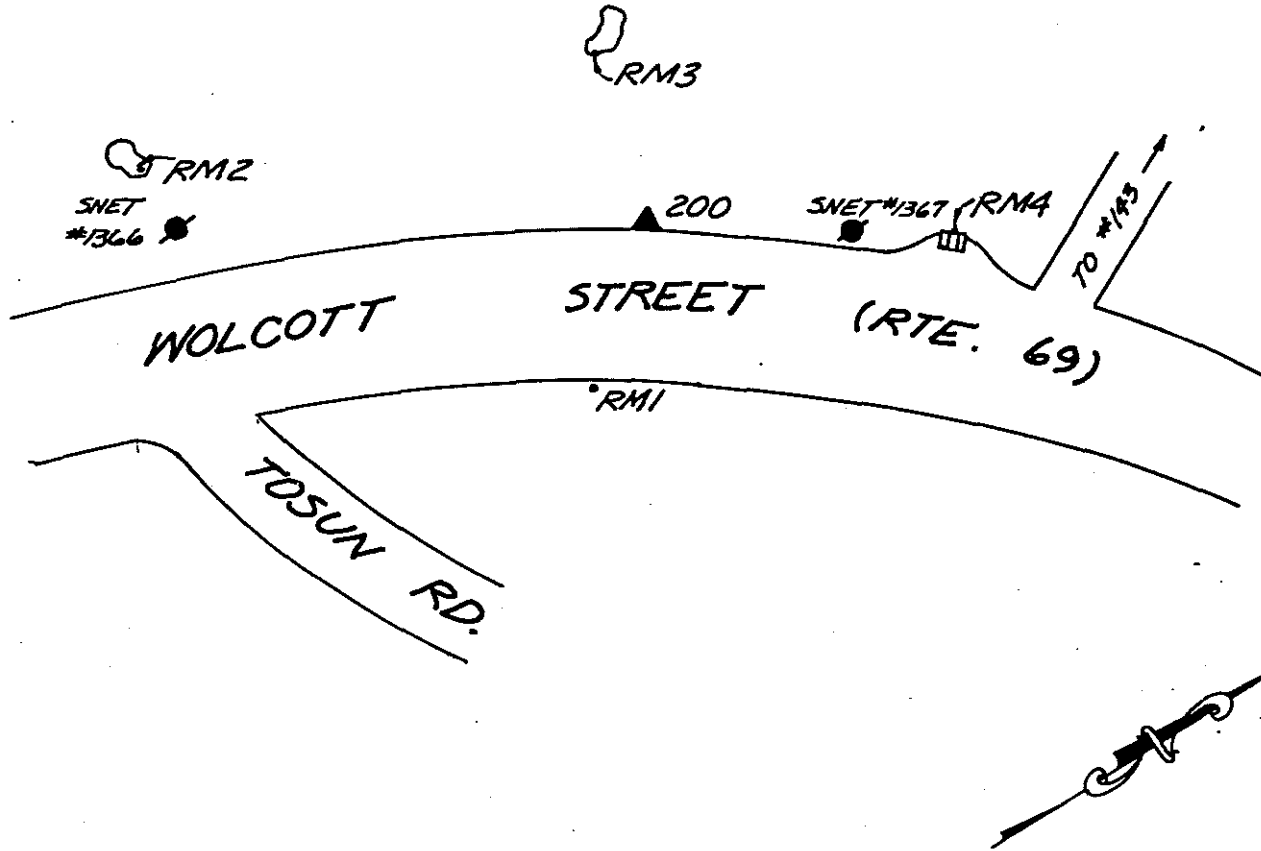
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
WOHV20	274.875	0°-00'-00"	108°-55'-30.8"
CP-201	619.635	99°-46'-20.6"	208°-41'-51.2"
RM1	36.73	29°-15'-26"	
RM2	113.65	121°-13'-45"	
RM3	51.89	185°-45'-46"	
RM4	55.88	287°-46'-09"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #200: ROD MONUMENT LOCATED 2.5' BEHIND BIT. CURB OF WOLCOTT STREET AND 38' WEST OF SNET CO. POLE #1367

RM1: SOUTHEAST OF STATION - A RAILROAD SPIKE IN BIT. LOCATED 3' SOUTH OF ROAD

RM2: SOUTHWEST OF STATION - A 3/8" DRILL HOLE IN THE EASTERLY PART OF A 2'X5' GRANITE STONE, 9' WEST AND 15' NORTH OF SNET CO. POLE #1366

RM3: WEST OF STATION - A 3/8" DRILL HOLE IN GRANITE OUTCROP, NORTH OF ROAD AND 66' WEST OF SNET CO. POLE #1367

RM4: NORTH OF STATION - A 3/8" DRILL HOLE IN THE CENTER OF THE CONCRETE CURB OF CATCH BASIN ON THE NORTH SIDE OF WOLCOTT STREET





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KITTS LANE NEWINGTON CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-201

IN THE TOWN OF  
WOLCOTT

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 771,069.719 FEET

E. 931,945.229 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-34'-37.25794"

LONG. 72°-59'-55.43361"

THETA ANGLE - 0°-09'-53.7"

**TYPE OF MARKER**  
CITY ROD MON.

ALSO REFERRED TO AS STATION # \_\_\_\_\_

**ELEVATIONS**

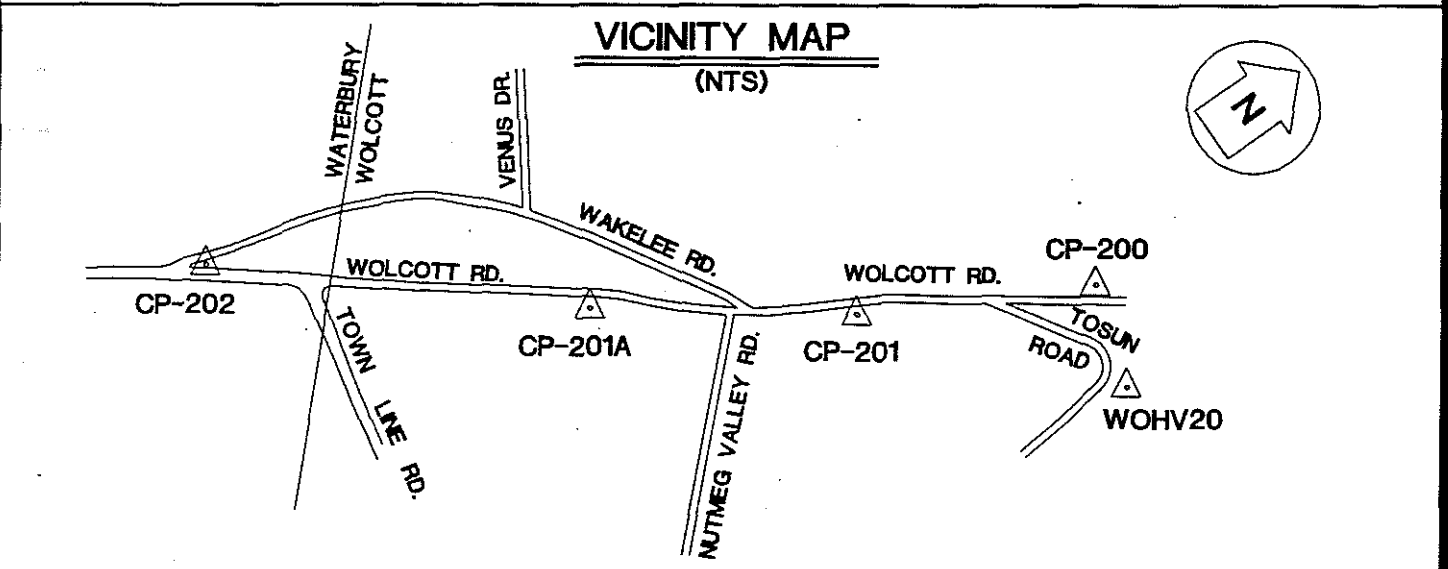
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-200	619.635	0°-00'-00"	28°-41'-51.2"
CP-201A	685.312	188°-14'-27.3"	216°-56'-18.5"
RM1	52.95	234°-03'-08"	
RM2	27.39	118°-08'-09"	
RM3	71.38	167°-00'-35"	
RM4	53.21	12°-35'-57"	

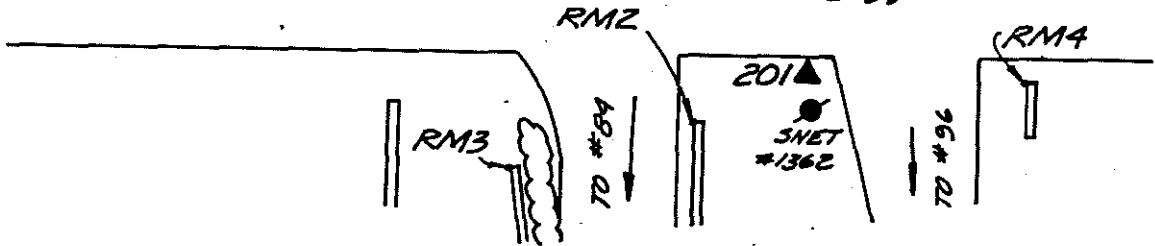
SEE REVERSE SIDE FOR REFERENCE TIES

#95

RM1



WOLCOTT STREET (RTE. 69)



REFERENCE TIES (N.T.S.)

COMMENTS

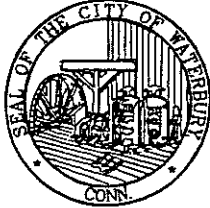
STATION #201: ROD MONUMENT LOCATED 1.0' SOUTH OF WOLCOTT STREET AND 7' NORTH OF SNET CO. POLE #1362

RM1: NORTHEAST OF STATION - A 3/8" DRILL HOLE IN A 1'X2' GRANITE OUTCROP, FLUSH WITH GROUND AND 8' FROM EDGE OF A 24" TREE

RM2: SOUTHEAST OF STATION - A 3/8" DRILL HOLE IN THE NORTHWEST CORNER OF A CONCRETE AND STONE WALL

RM3: SOUTHEAST OF STATION - A 3/8" DRILL HOLE IN THE NORTHWEST CORNER OF A CONCRETE AND STONE WALL

RM4: EAST OF STATION - A 3/8" DRILL HOLE IN THE SOUTHWEST CORNER OF A BRICK SIGN BASE



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 968-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-201A

**IN THE TOWN OF**  
 WOLCOTT

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 770,521.962 FEET  
 E. 931,533.386 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-34'-31.83449"  
 LONG. 73°-00'-00.83154"  
 THETA ANGLE - 0°-09'-57.3

**TYPE OF MARKER**  
 CGS MON.

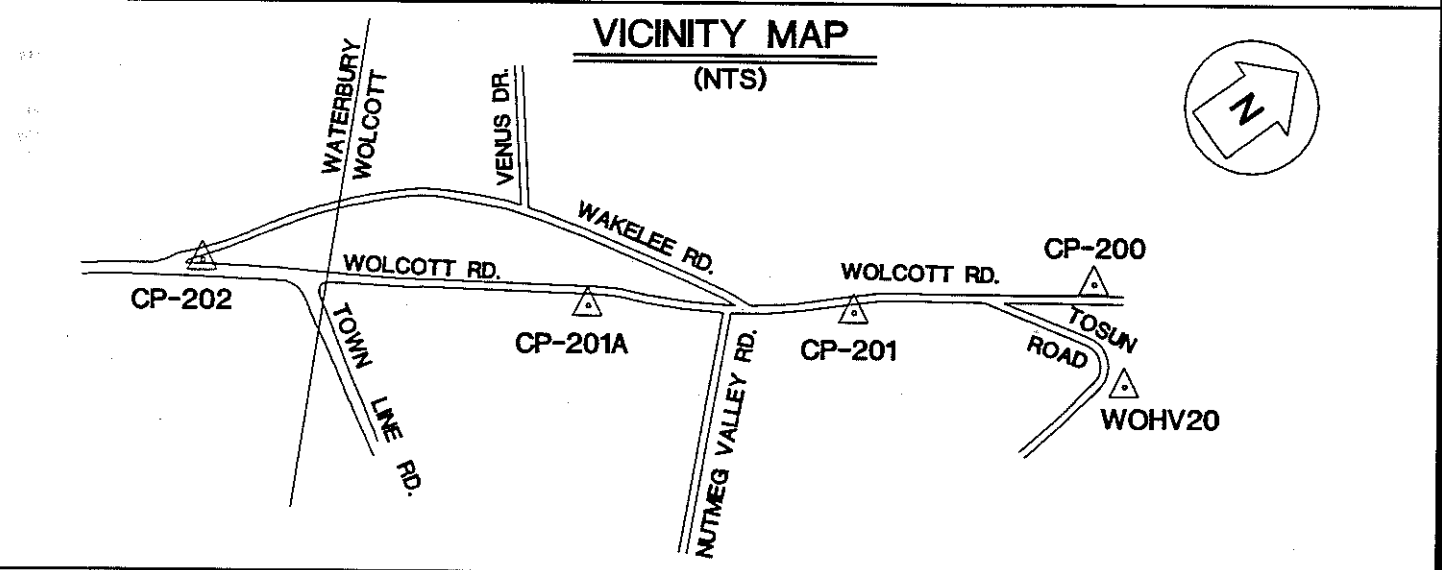
**ALSO REFERRED TO AS STATION #**  
 CTGS 3435

**ELEVATIONS**

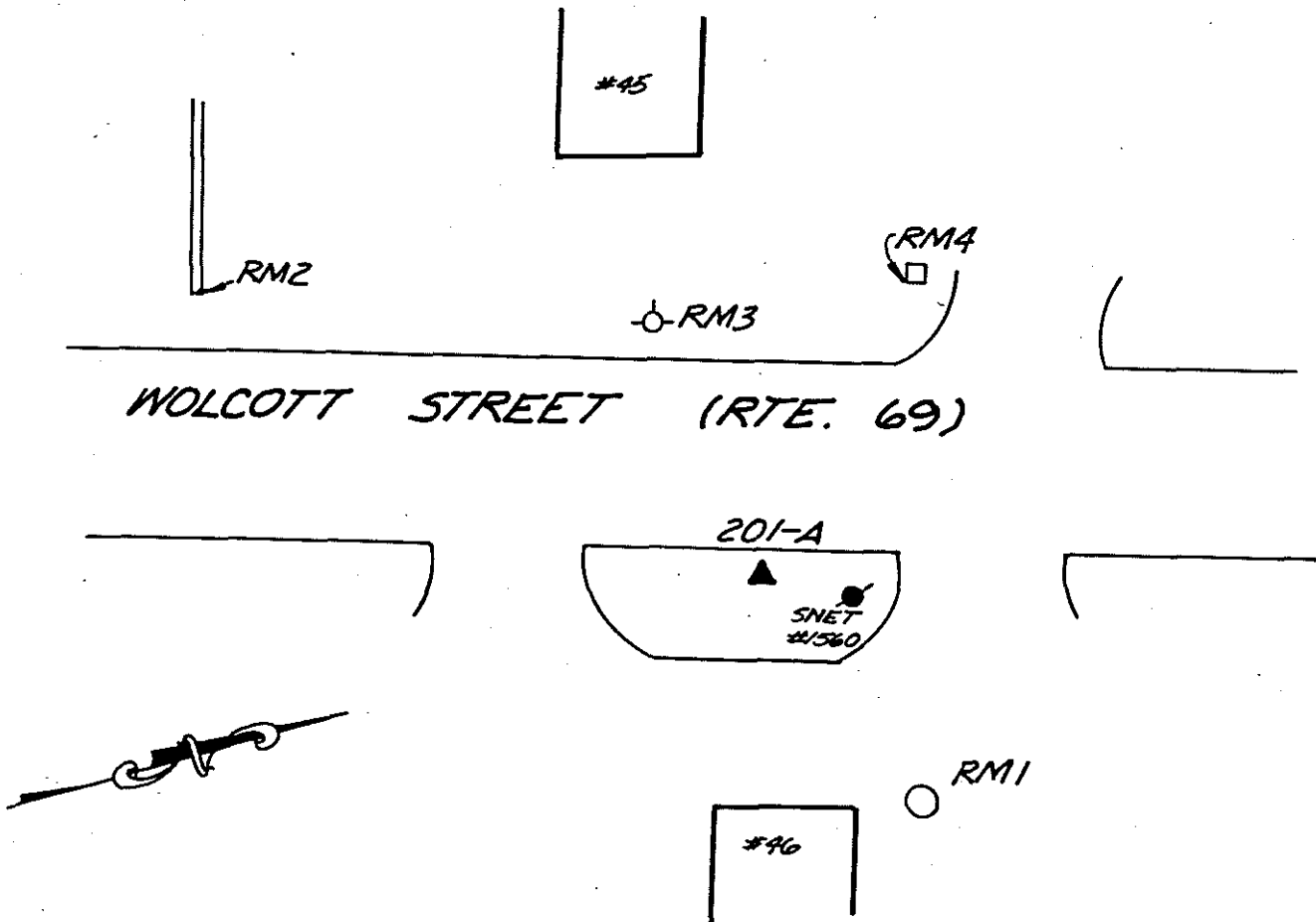
\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-201	685.312	0°-00'-00"	36°-56'-18.5"
CP-202	993.413	185°-16'-32.5"	222°-12'-51.0"
RM1	44.88	82°-21'-02"	
RM2	109.47	211°-11'-53"	
RM3	50.51	248°-36'-31"	
RM4	70.79	280°-28'-34"	



REFERENCE TIES (N.T.S.)

COMMENTS

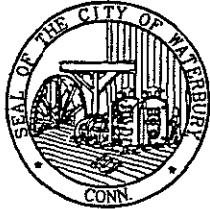
STATION #201A: A C.G.S. MONUMENT, ALSO KNOWN AS CTGS #3435, LOCATED 8' EAST OF THE EDGE OF WOLCOTT STREET AND 6' SOUTH OF SNET CO. POLE #1560

RM1: EAST OF STATION - A 3/8" DRILL HOLE IN THE CONCRETE BASE OF A SATELLITE DISH

RM2: SOUTHWEST OF STATION - A 3/8" DRILL HOLE IN THE NORTHEAST OF CORNER OF A BRICK WALL

RM3: WEST OF STATION - A CHISELLED "+" IN THE BOLT OF A HYDRANT BASE

RM4: WEST OF STATION - A 3/8" DRILL HOLE IN THE SOUTHEAST CORNER OF THE CONCRETE BASE OF A LIGHT STANDARD



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 666-0234

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-202

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 769,786.202 FEET

E. 930,865.908 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-34'-24.54818"

LONG. 73°-00'-09.58535"

THETA ANGLE - 0°-10'-03.1"

**TYPE OF MARKER**  
CGS MON.

**ALSO REFERRED TO AS STATION #**  
CTGS 1511

CONDITION OF STATION	BY	DATE

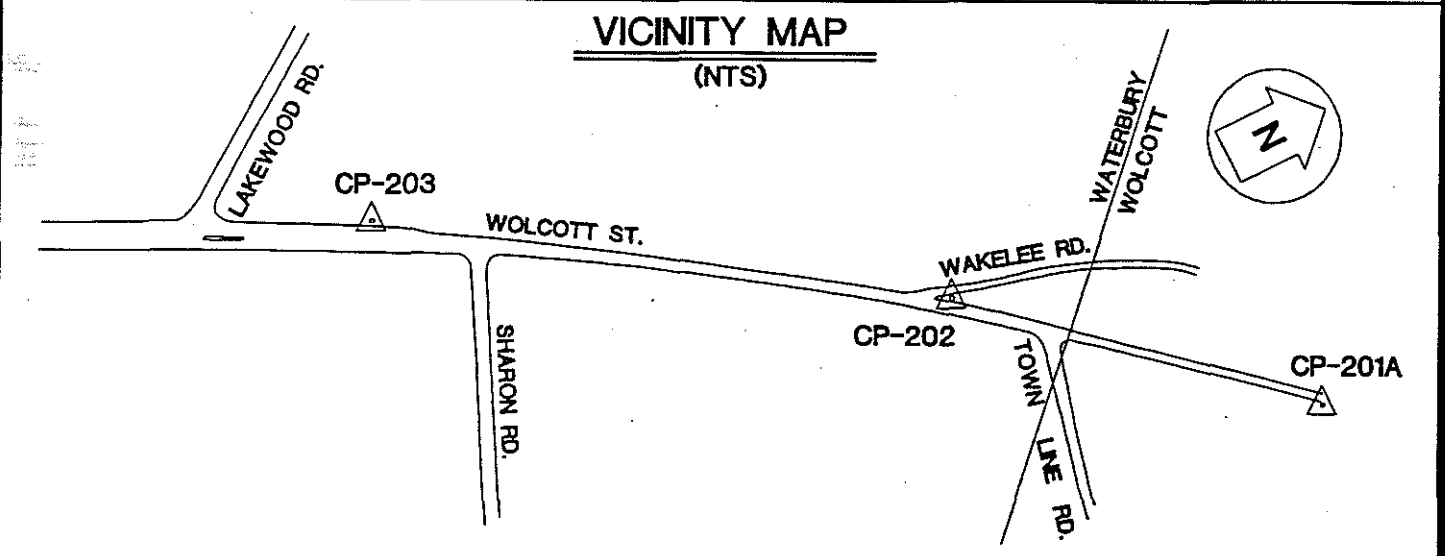
**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

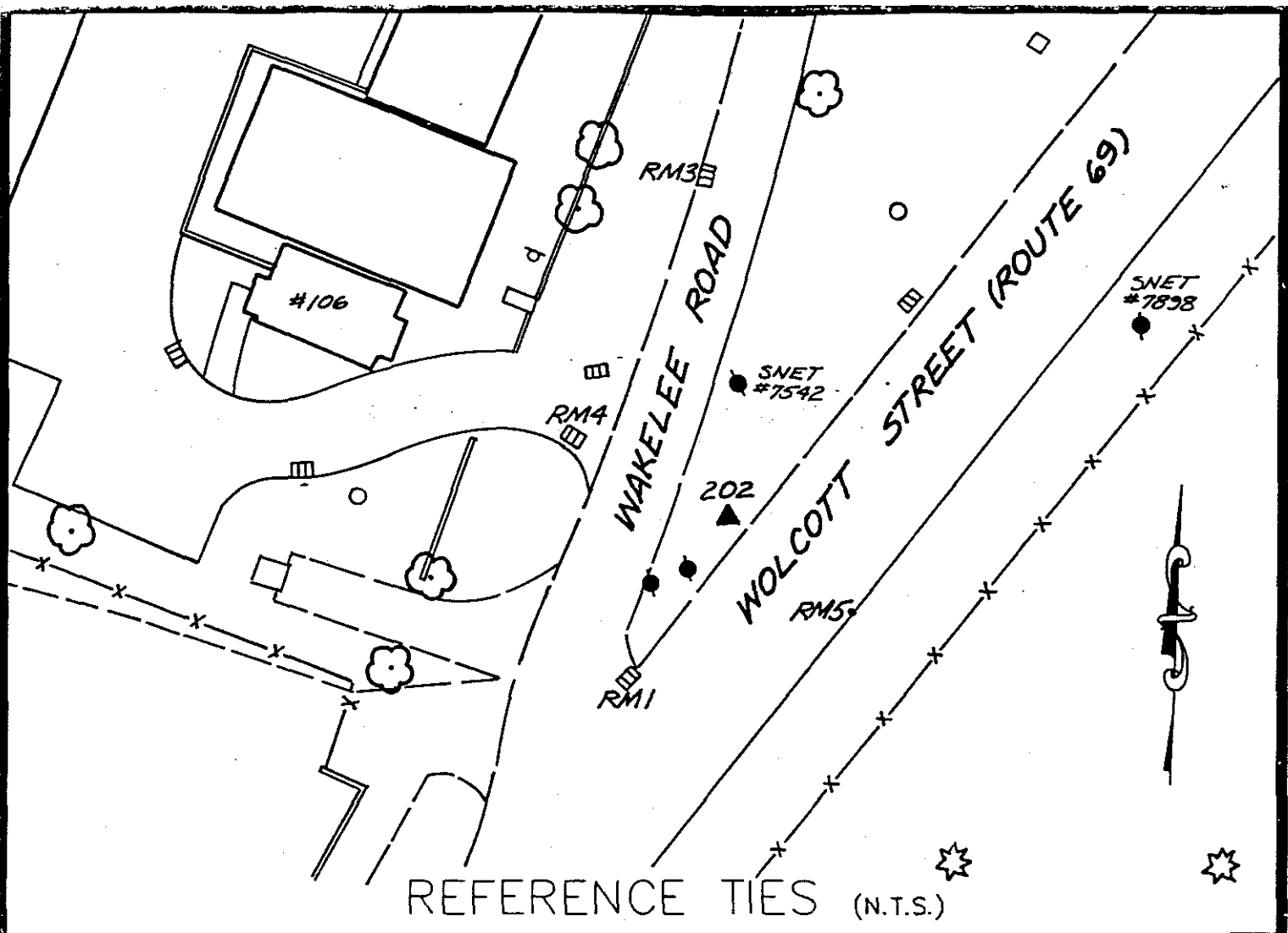
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-201A	993.413	0°-00'-00"	42°-12'-51.0"
CP-203	1504.233	171°-27'-03.9"	213°-39'-54.9"
RM1	45.56	169°-04'-18"	
RM3	79.47	312°-55'-48"	
RM4	37.97	254°-53'-50"	
RM5	4188	75°-57'-30"	



COMMENTS

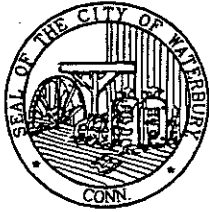
**STATION #202:** THE STATION MARK IS A CONNECTICUT GEODETIC SURVEY BRASS DISK, STAMPED 1511, SET IN THE TOP OF A REINFORCED CONCRETE POST, 3" BELOW THE SURFACE OF THE GROUND. THE STATION IS 108.0' WEST OF SNET CO. POLE #7898, 29.9' SOUTH OF SNET CO. POLE #7542, 24' SOUTHEAST OF THE CENTERLINE OF WAKLEE AVE., AND 23' NORTHWEST OF THE CENTERLINE OF CONN. RTE. #69.

**RM1:** SOUTHWEST OF STATION - A DRILL HOLE IN A HEX HEAD BRASS BOLT, SET IN A 1/4" DRILL HOLE IN A CHISELLED TRIANGLE IN THE TOP CENTER OF A CONCRETE CATCH BASIN. IT IS 74.0' SOUTH OF SNET CO. POLE #7542, 18' NORTHWEST OF THE CENTERLINE OF CONN. RTE. #69, AND 14' SOUTHEAST OF THE CENTERLINE OF WAKLEE AVE.

**RM3:** NORTH OF STATION - A DRILL HOLE IN A HEX HEAD BRASS BOLT, SET IN A 1/4" DRILL HOLE IN A CHISELLED SQUARE IN THE SOUTHWEST CORNER OF A CONCRETE CATCH BASIN. IT IS 49.8' NORTH OF SNET CO. POLE #7542, 45.4' EAST OF THE NORTHEAST CORNER OF HOUSE #106, 8' NORTHWEST OF THE CENTERLINE OF WAKLEE AVE.

**RM4:** WEST OF STATION - A DRILL HOLE IN THE SOUTHEAST CORNER OF CATCH BASIN ON SOUTH SIDE OF BIT. DRIVEWAY.

**RM5:** SOUTHEAST OF STATION - A PK NAIL IN TOP OF BIT. CURB ON THE SOUTHERLY SIDE OF RTE. #69 IN LINE WITH RM4 AND THIS STATION ±.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-203

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 768,534.243 FEET

E. 830,032.052 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-34'-12.15288"

LONG. 73°-00'-20.50746"

THETA ANGLE - 0°-10'-10.4"

**TYPE OF MARKER**  
CGS MON.

**ALSO REFERRED TO AS STATION #**  
CTGS 5822

**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

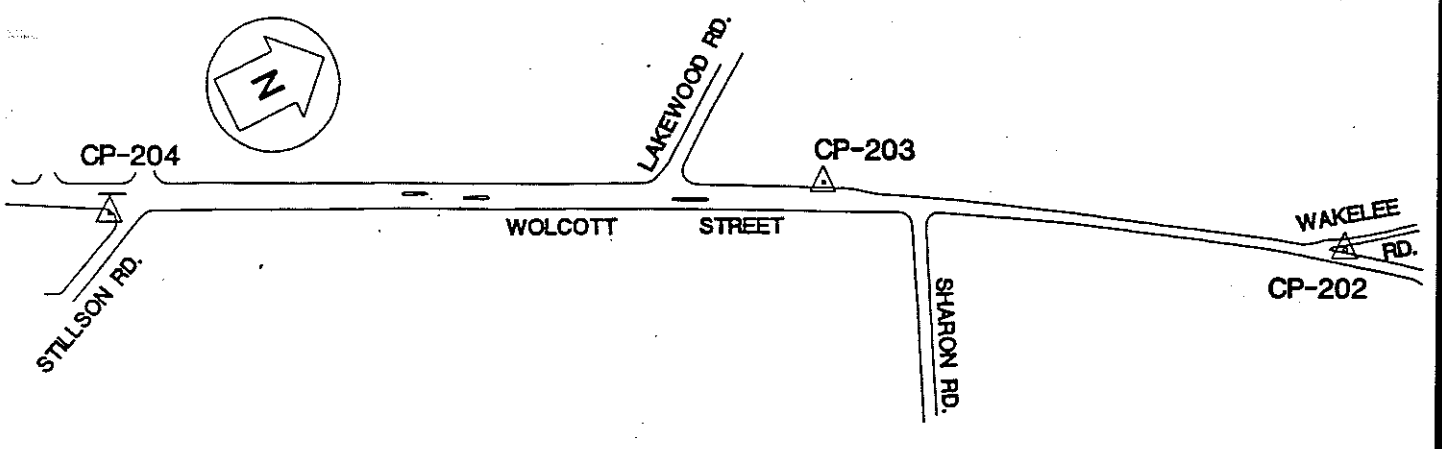
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

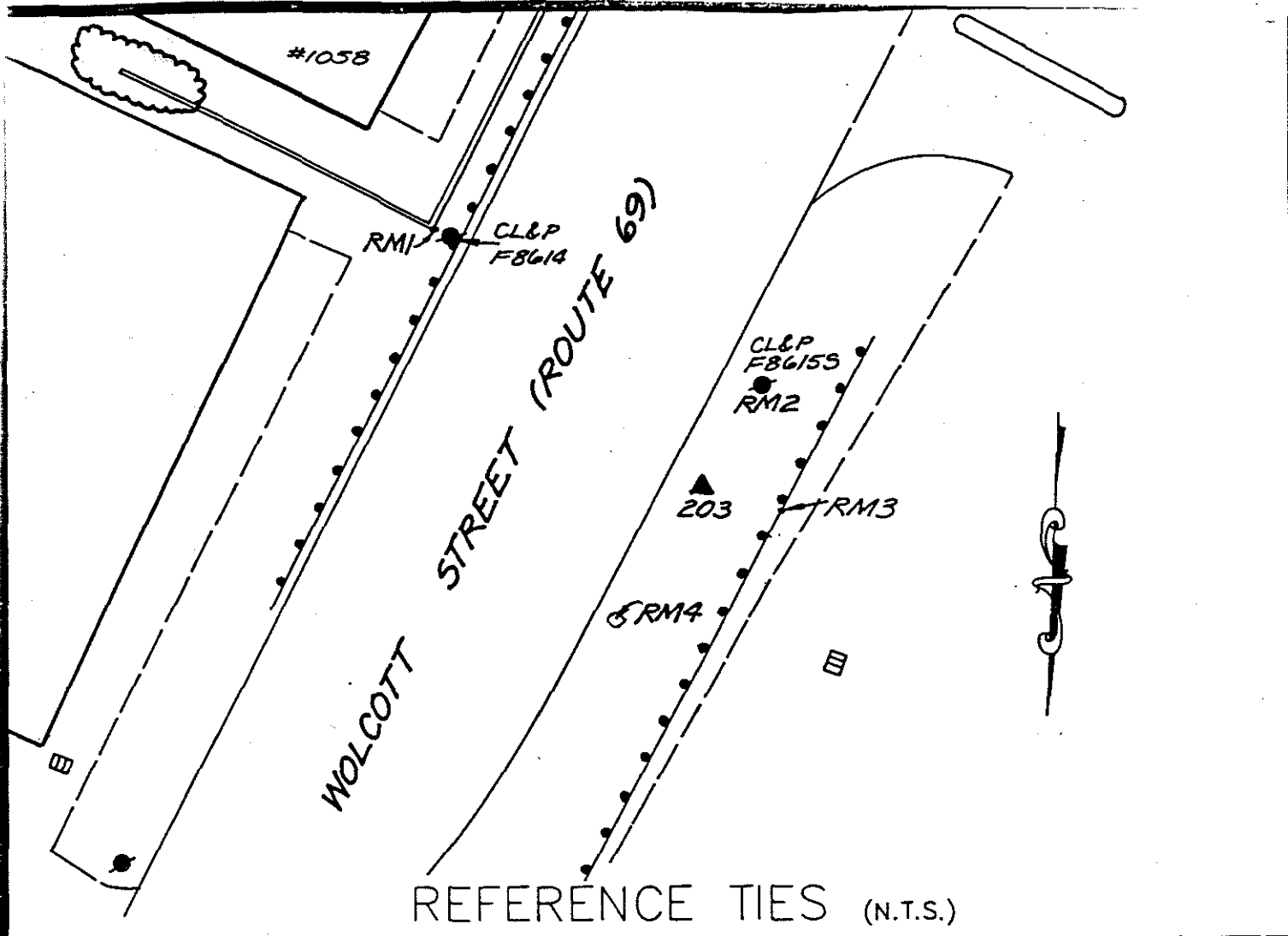
DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE

## VICINITY MAP (NTS)



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-202	1504.233	0°-00'-00"	33°-39'-54.9"
CP-204	2043.820	170°-14'-16.7"	203°-54'-11.6"
WATERBURY	2940.221	241°-33'-14.2"	275°-13'-09.1"
RM1	93.82	100°-31'-02"	
RM2	28.43	166°-41'-03"	
RM3	12.83	256°-07'-15"	
RM4	17.52	13°-15'-22"	



REFERENCE TIES (N.T.S.)

COMMENTS

**STATION #203:** A CONNECTICUT GEODETIC SURVEY MONUMENT SET IN TOP OF A REINFORCED CONCRETE POST; BRASS DISK IS STAMPED 5822; FLUSH WITH GROUND; 13' NORTH OF BIT. CURB AND 30' EAST OF CL&P ANCHOR POLE #F86155

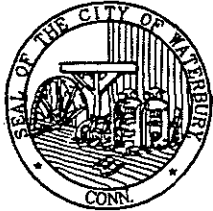
**RM1:** SOUTHWEST OF STATION - A 3/8" DRILL HOLE IN THE NORTHWEST CORNER OF A CONCRETE RETAINING WALL; 2.7' SOUTH OF CL&P POLE #F8614

**RM2:** SOUTH OF STATION - A PK NAIL IN THE EAST SIDE OF A CL&P ANCHOR POLE #F86155; NAIL IS 2' ABOVE GROUND

**RM3:** WEST OF STATION - THE 9TH POST STARTING FROM THE WEST END OF GUIDE RAIL, MEASUREMENT TAKEN 1' ABOVE GROUND AND MARKED BY A "+"

**RM4:** NORTHEAST OF STATION - A BRASS BOLT WITH A CHISELLED SQUARE IN TOP OF A 3' X 4' GRANITE OUTCROP; 7.5' NORTH OF BIT. CURB





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 666-0154

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-204

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 786,865.902 FEET  
 E. 929,203.992 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-53.66975"  
 LONG. 73°-00'-31.32786"  
 THETA ANGLE - 0°-10'-17.5"

**TYPE OF MARKER**  
 CGS MON.

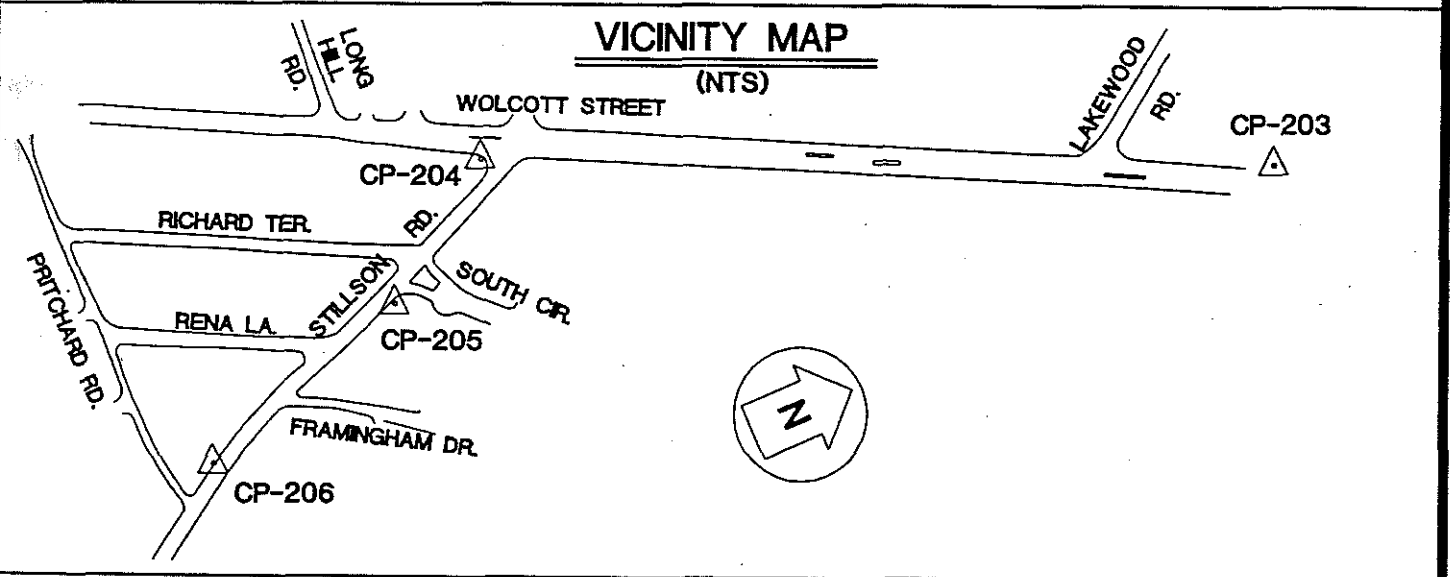
**ALSO REFERRED TO AS STATION #**  
 CTGS 5823

**ELEVATIONS**

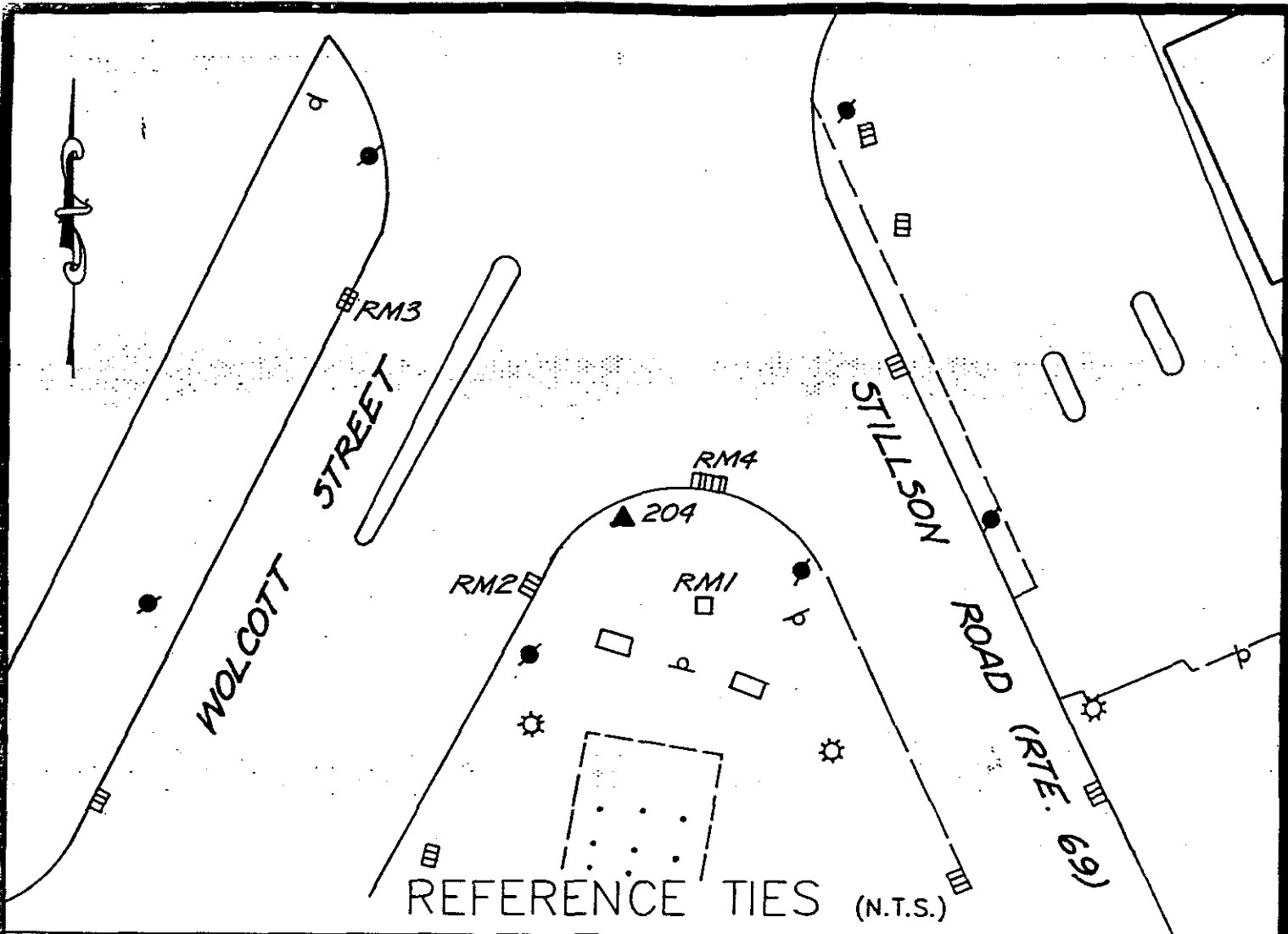
\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-203	2043.620	0°-00'-00"	23°-54'-11.6"
CP-205	432.194	119°-43'-55.4"	143°-38'-06.9"
RM1	34.85	132°-28'-00"	
RM2	26.71	208°-34'-10"	
RM3	87.86	286°-33'-59"	
RM4	23.59	50°-29'-16"	



COMMENTS

STATION #204: A CONNECTICUT GEODETIC SURVEY MONUMENT SET IN TOP OF A REINFORCED CONCRETE POST STAMPED 5823, 0.5' BEHIND BIT. WALK, 4" BELOW SURFACE OF THE GROUND, SOUTHWEST CORNER OF THE INTERSECTION OF WOLCOTT ST. AND STILLSON RD.

RM1: SOUTHEAST OF STATION - A 1/8" DRILL HOLE IN THE NORTHEAST ANCHOR BOLT FOR SIGN

RM2: SOUTHWEST OF STATION - A BRASS BOLT INSIDE A CHISELLED TRIANGLE IN THE CONCRETE CURB OF A CATCH BASIN ON THE SOUTH SIDE OF WOLCOTT ST.

RM3: N.W. OF STATION - A 3/8" DRILL HOLE IN THE CENTER OF CONCRETE CURB OF A CATCH BASIN ON THE NORTH SIDE OF WOLCOTT ST.

RM4: NORTHEAST OF STATION - A PUNCH MARK IN A BRASS BOLT INSIDE A CHISELLED SQUARE IN THE CONCRETE CURB OF A DOUBLE CATCH BASIN ON THE WEST SIDE OF STILLSON RD.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
 CP-205

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 766,317.874 FEET

E. 929,460.250 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-50.23887"

LONG. 73°-00'-27.94313"

THETA ANGLE - 0°-10'-15.3"

**TYPE OF MARKER**  
 BRASS DISK

**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

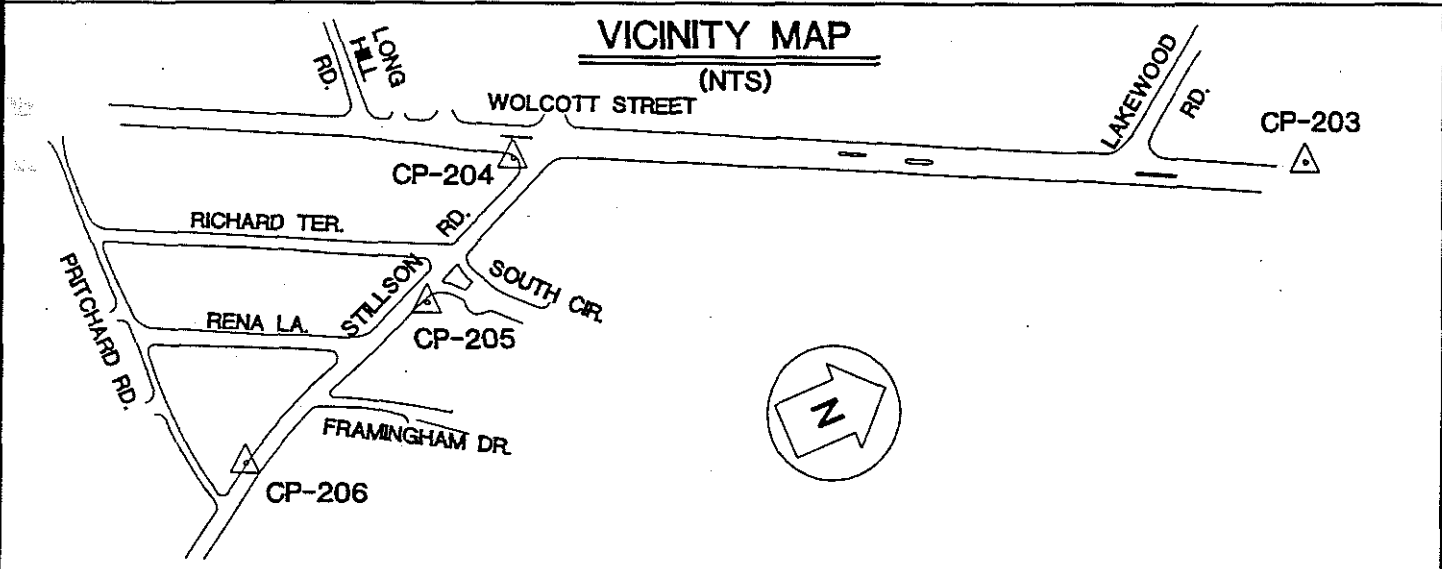
\_\_\_\_\_ FEET  
 (NAVD 88)

DATE \_\_\_\_\_

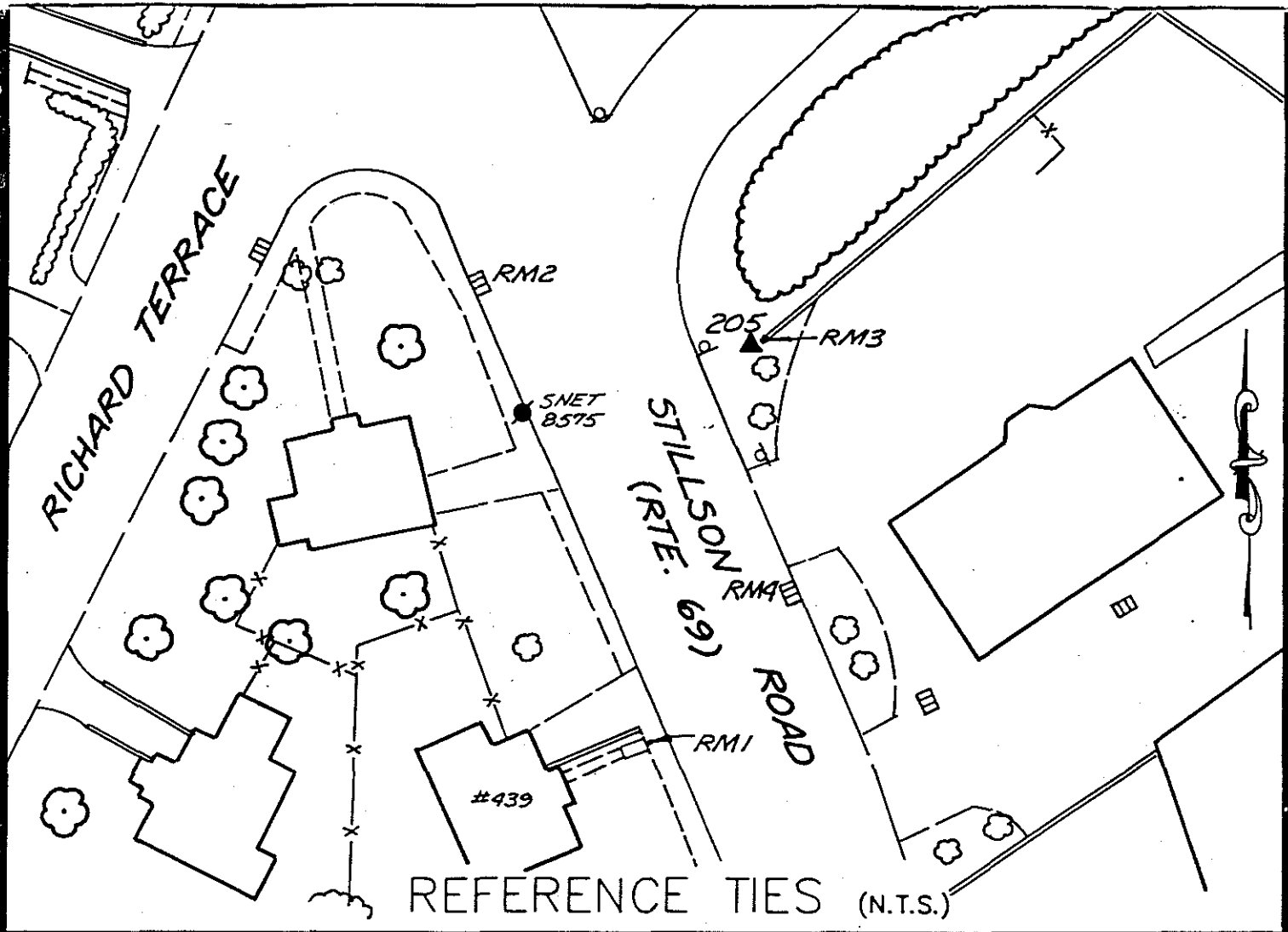
\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-204	432.194	0°-00'-00"	323°-38'-06.9"
CP-206	620.268	198°-23'-16.8"	162°-01'-23.7"
RM1	97.25	232°-07'-29"	
RM2	70.72	323°-49'-16"	
RM3	158	198°-25'-57"	
RM4	63.69	202°-25'-56"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #205: SET BRASS DISK IN LOWER PORTION OF A CONCRETE RETAINING WALL

RM1: SOUTHWEST OF STATION - A 3/8" DRILL HOLE IN THE BOTTOM OF CONCRETE STEPS LEADING TO BUILDING #439

RM2: NORTHWEST OF STATION - A CHISEL CROSS IN THE CENTER OF STEEL CURB OF A CATCH BASIN ON THE WEST SIDE OF THE ROAD

RM3: EAST OF STATION - A 3/8" DRILL HOLE IN THE CENTER OF THE WEST FACE OF THE UPPER PORTION OF A CONCRETE RETAINING WALL

RM4: SOUTH OF STATION - A 3/8" DRILL HOLE IN THE CENTER OF THE CONCRETE CURB OF A CATCH BASIN ON THE EAST SIDE OF THE ROAD



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 666-0344

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
 CP-206

**IN THE TOWN OF  
 WATERBURY**

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 765,727.886 FEET

E. 929,651.684 FEET

DATE 8 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-44.41556"

LONG. 73°-00'-25.40176"

THETA ANGLE - 0°-10'-13.6"

**TYPE OF MARKER**  
 CITY ROD MON.

**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

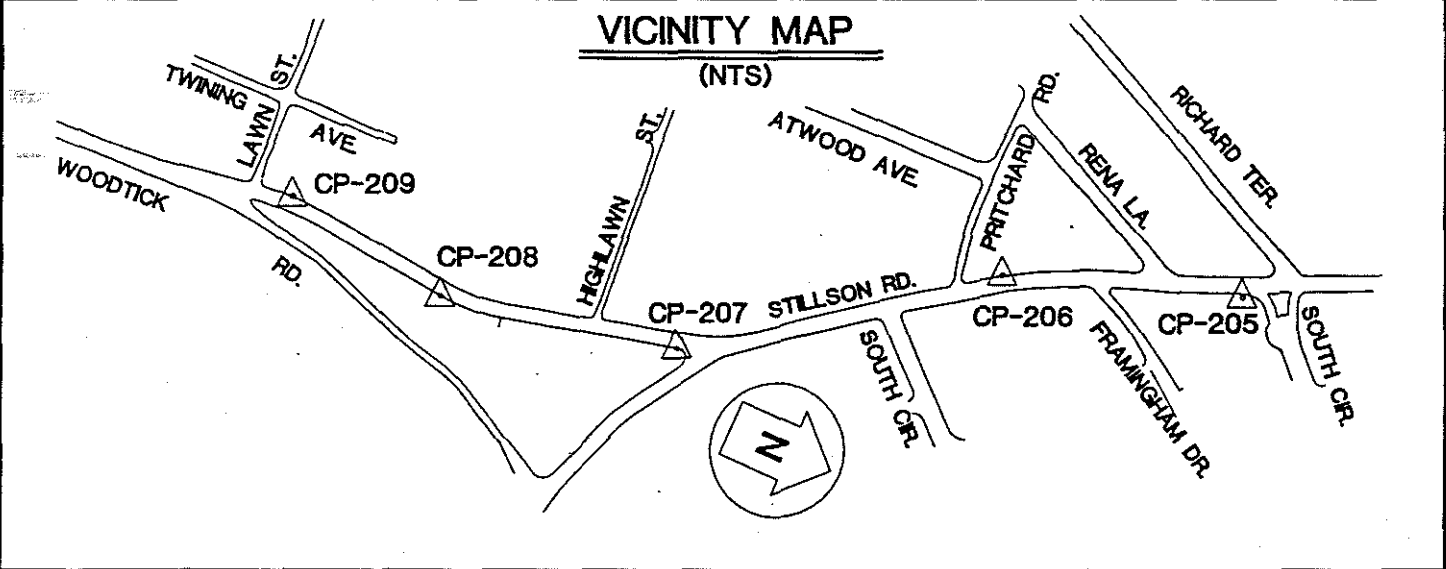
\_\_\_\_\_ FEET  
 (NAVD 88)

DATE \_\_\_\_\_

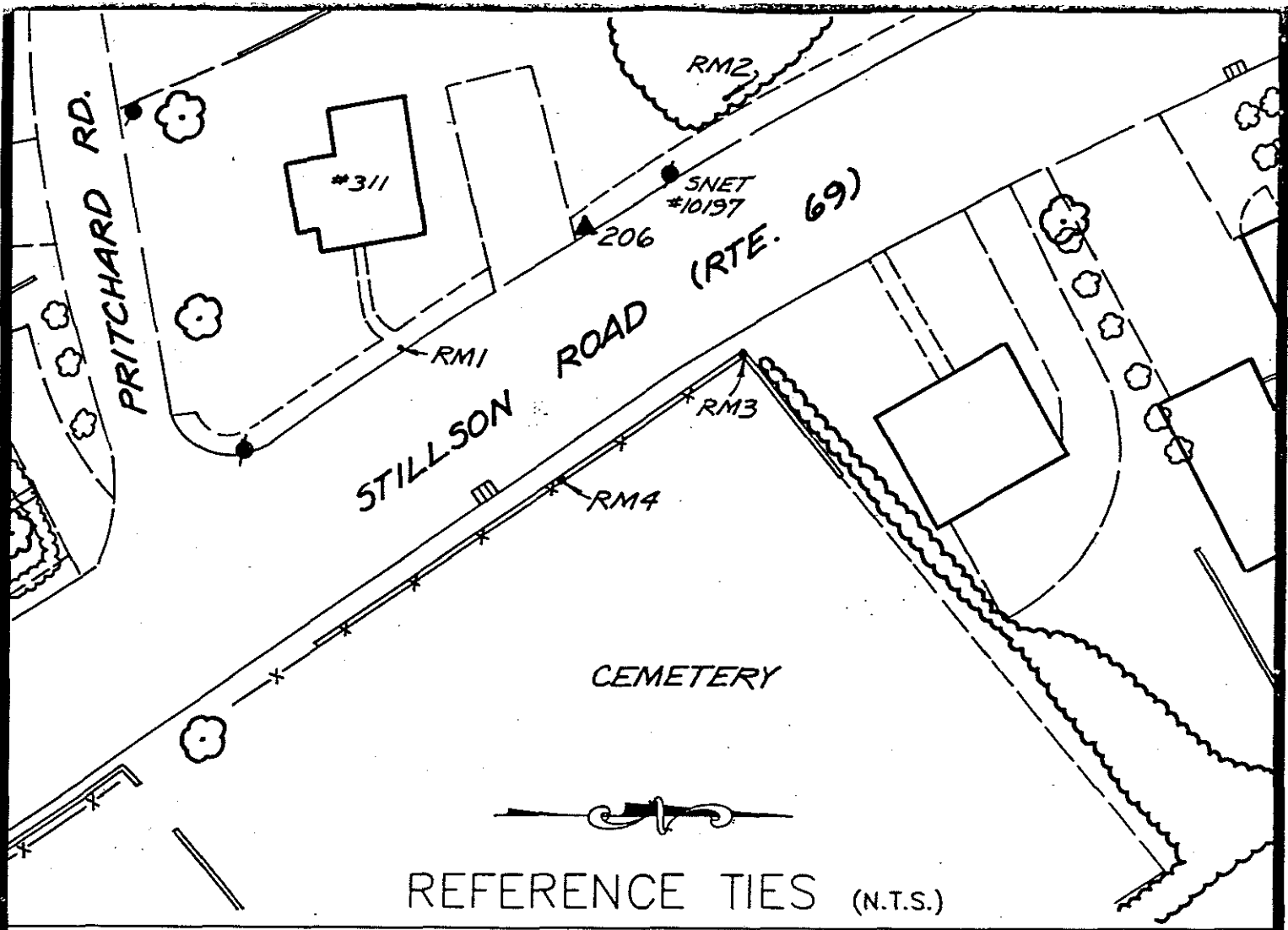
CONDITION OF STATION	BY	DATE

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-205	620.268	0°-00'-00"	342°-01'-23.7"
CP-207	859.330	161°-54'-39.0"	143°-56'-02.7"
RM1	50.35	162°-31'-33"	
RM2	45.00	329°-40'-43"	
RM3	49.01	61°-08'-12"	
RM4	66.03	118°-28'-25"	



REFERENCE TIES (N.T.S.)

COMMENTS

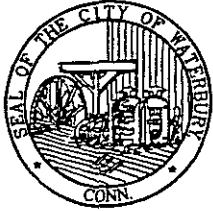
STATION #206: SET ROD MONUMENT IN BIT. WALK ON NORTH EDGE OF BIT. DRIVEWAY FOR HOUSE #311, 26' SOUTH OF SNET CO. POLE #10197, WEST SIDE OF THE ROAD

RM1: SOUTH OF STATION - A PUNCH MARK IN A R.R. SPIKE IN THE BIT. WALK, IN FRONT OF CONCRETE STAIRS LEADING TO HOUSE #311

RM2: NORTHWEST OF STATION - A 3/8" DRILL HOLE IN THE TOP CONCRETE STAIR LEADING TO HOUSE #329

RM3: EAST OF STATION - A 3/8" DRILL HOLE IN THE SOUTHWEST CORNER OF THE CONCRETE BASE FOR BRICK PILLAR

RM4: SOUTHEAST OF STATION - A 3/8" DRILL HOLE IN THE CONCRETE AND STONE RETAINING WALL IN FRONT OF 2ND BRICK PILLAR FROM NORTH END OF CEMETERY



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KITTS LANE NEWINGTON, CT (203) 966-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-207

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 785,033.255 FEET

E. 930,157.585 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-37.56757"

LONG. 73°-00'-18.71991"

THETA ANGLE - 0°-10'-09.2"

**TYPE OF MARKER**  
CITY ROD MON.

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

CONDITION OF STATION	BY	DATE

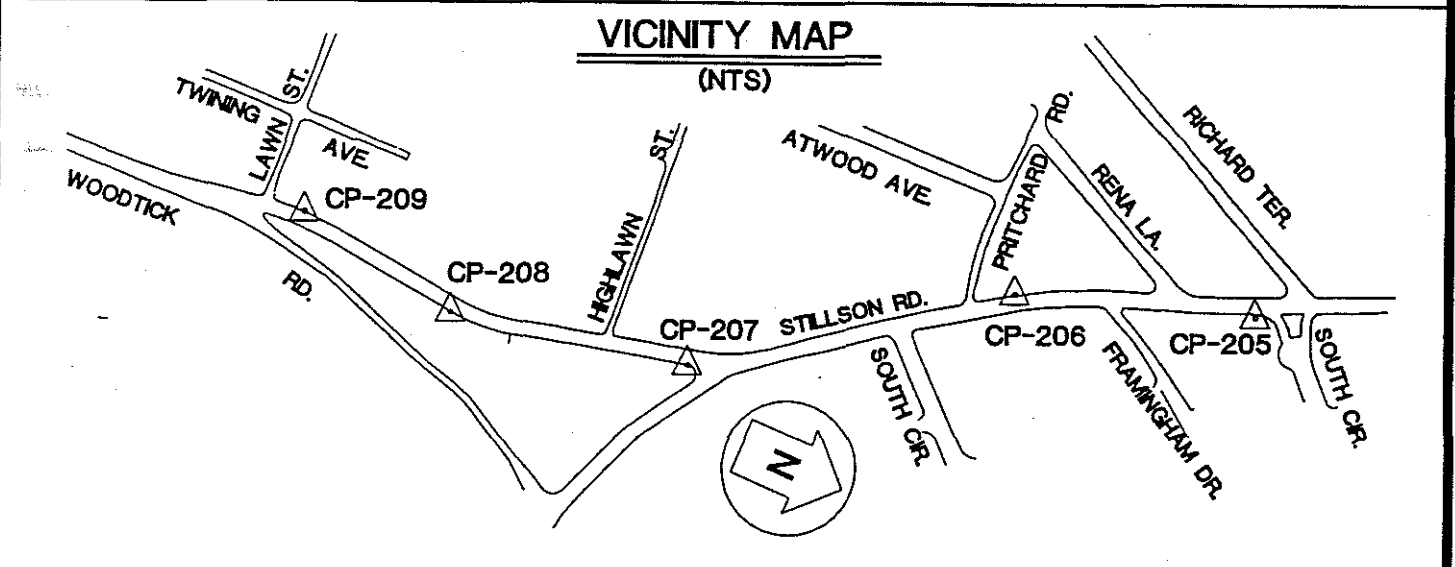
**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

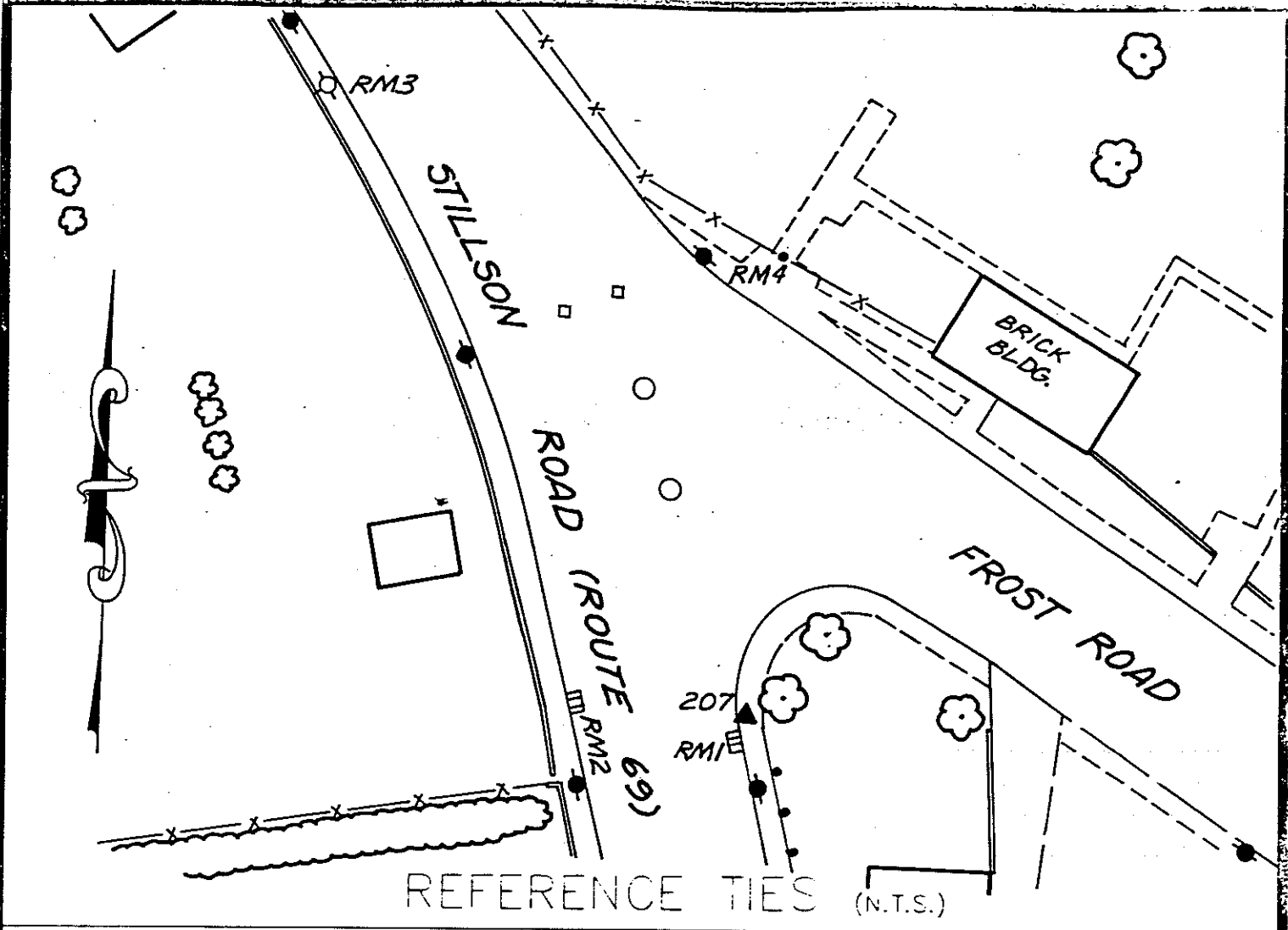
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-206	859.330	0°-00'-00"	323°-58'-02.7"
CP-208	620.209	205°-03'-40.5"	168°-59'-43.2"
RM1	3.51	48°-38'-58"	
RM2	58.10	338°-29'-04"	
RM3	180.35	01°-40'-14"	
RM4	109.16	39°-58'-52"	

SEE REVERSE SIDE FOR REFERENCE TIES



COMMENTS

STATION #207: SET ROD MONUMENT IN BIT. WALK, 18.7' NORTH OF CL&P POLE #F9428, 1' BEHIND BIT. CURB

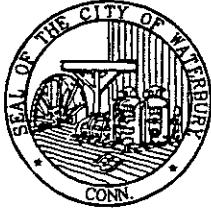
RM1: SOUTH OF STATION - A CHISEL CROSS IN THE CENTER OF THE STEEL CURB OF A CATCH BASIN

RM2: WEST OF STATION - A CHISEL CROSS IN THE CENTER OF THE STEEL CURB OF A CATCH BASIN

RM3: NORTHWEST OF STATION - TOP OF FIRE HYDRANT, 18.5' SOUTH OF POLE #F8903

RM4: NORTH OF STATION - A 3/8" DRILL HOLE IN CONCRETE ENTRANCE TO WATERBU Y HEBREW BENEFIT ASSOCIATION CEMETERY





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-208

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 764,424.451 FEET

E. 930,275.978 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-31.55617"

LONG. 73°-00'-17.13896"

THETA ANGLE - 0°-10'-08.1"

**TYPE OF MARKER**  
CITY ROD-MON.

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

CONDITION OF STATION	BY	DATE

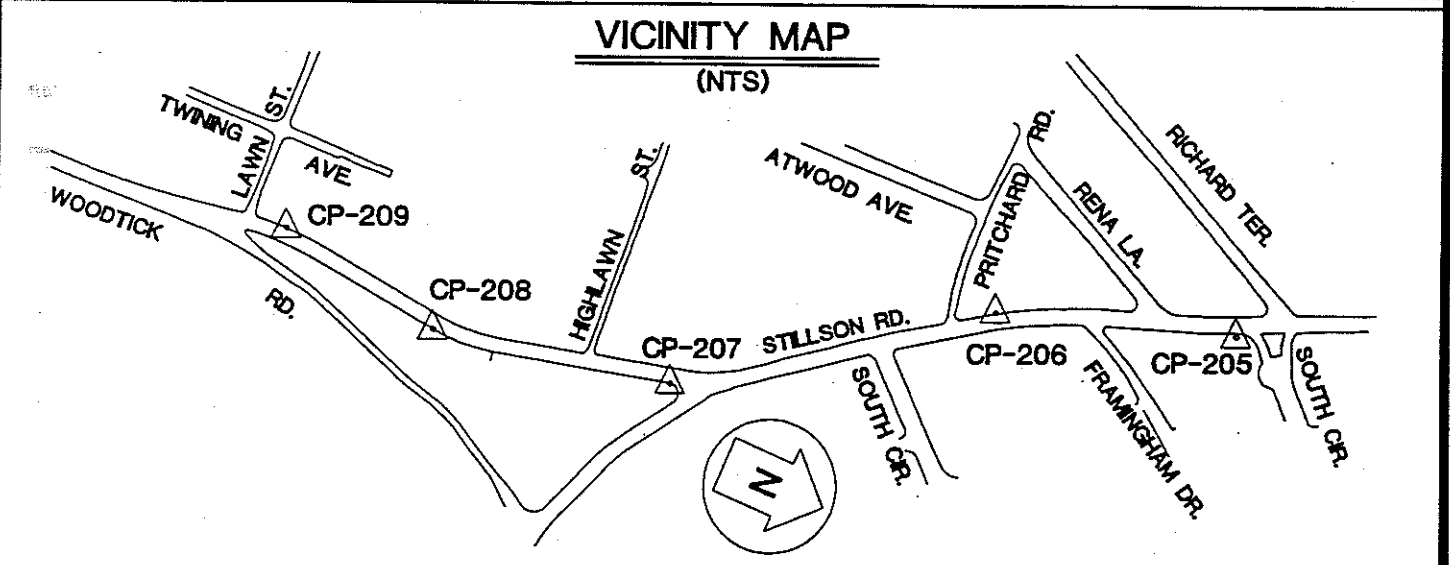
**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

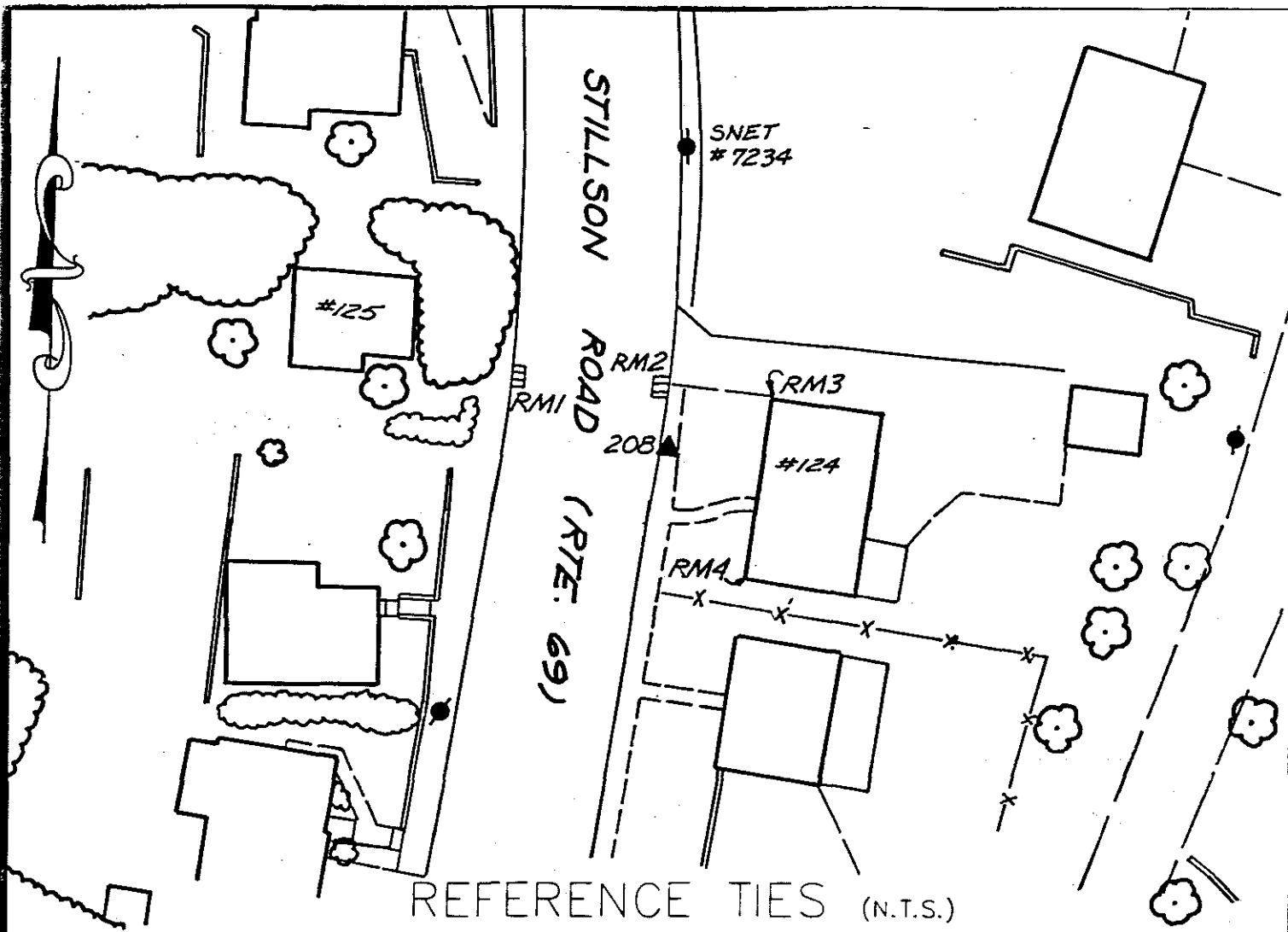
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-207	620.209	0°-00'-00"	348°-59'-43.2"
CP-209	454.970	20°-44'-33.5"	190°-44'-16.7"
RM1	40.90	272°-27'-42"	
RM2	5.41	05°-21'-10"	
RM3	28.58	92°-26'-06"	
RM4	43.30	161°-44'-29"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #208: SET ROD MONUMENT IN BIT. WALK, 1' BEHIND BIT. CURB

RM1: WEST OF STATION - A CHISEL CROSS IN THE CENTER OF THE STEEL CURB OF CATCH BASIN

RM2: NORTH OF STATION - A CHISEL CROSS IN THE STEEL CURB OF CATCH BASIN

RM3: EAST OF STATION - THE NORTHWEST CORNER OF FOUNDATION FOR HOUSE #124, MEASUREMENT TAKEN 2' ABOVE BIT. DRIVEWAY

RM4: SOUTHEAST OF STATION - THE SOUTHWEST CORNER OF FOUNDATION FOR HOUSE #124, MEASUREMENT TAKEN 1' ABOVE GROUND



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-209

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 763,977.448 FEET

E. 930,191.207 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-27.13740"

LONG. 73°-00'-18.23665"

THETA ANGLE - 0°-10'-08.8"

**TYPE OF MARKER**  
CITY ROD MON.

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

**ELEVATIONS**

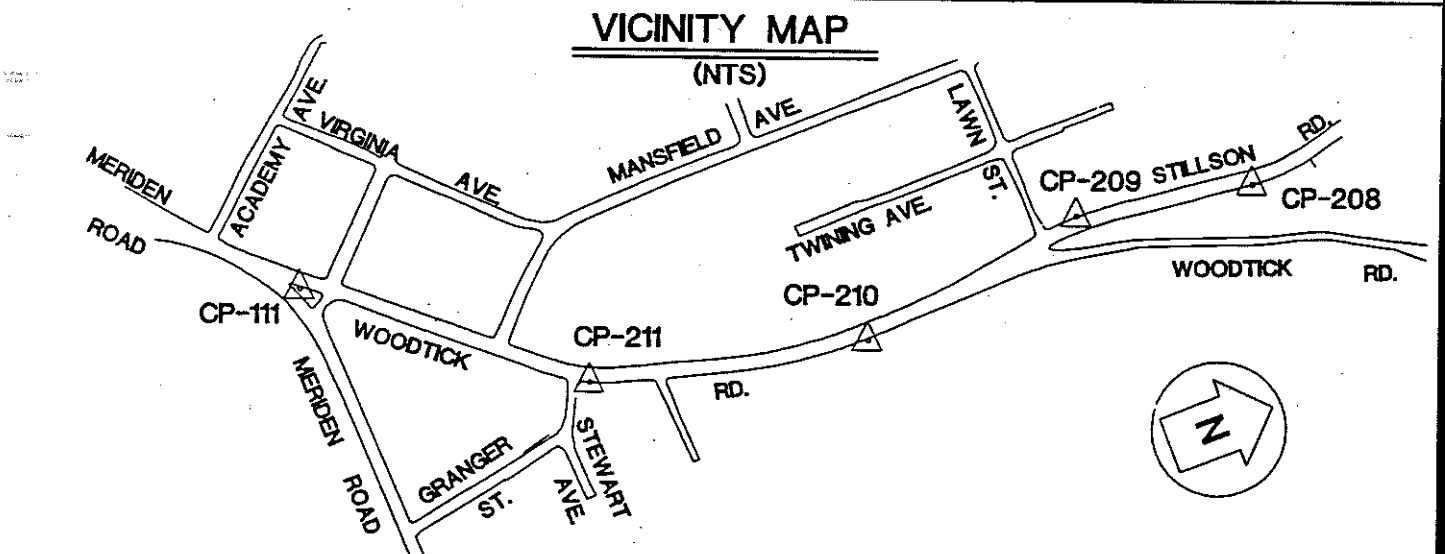
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

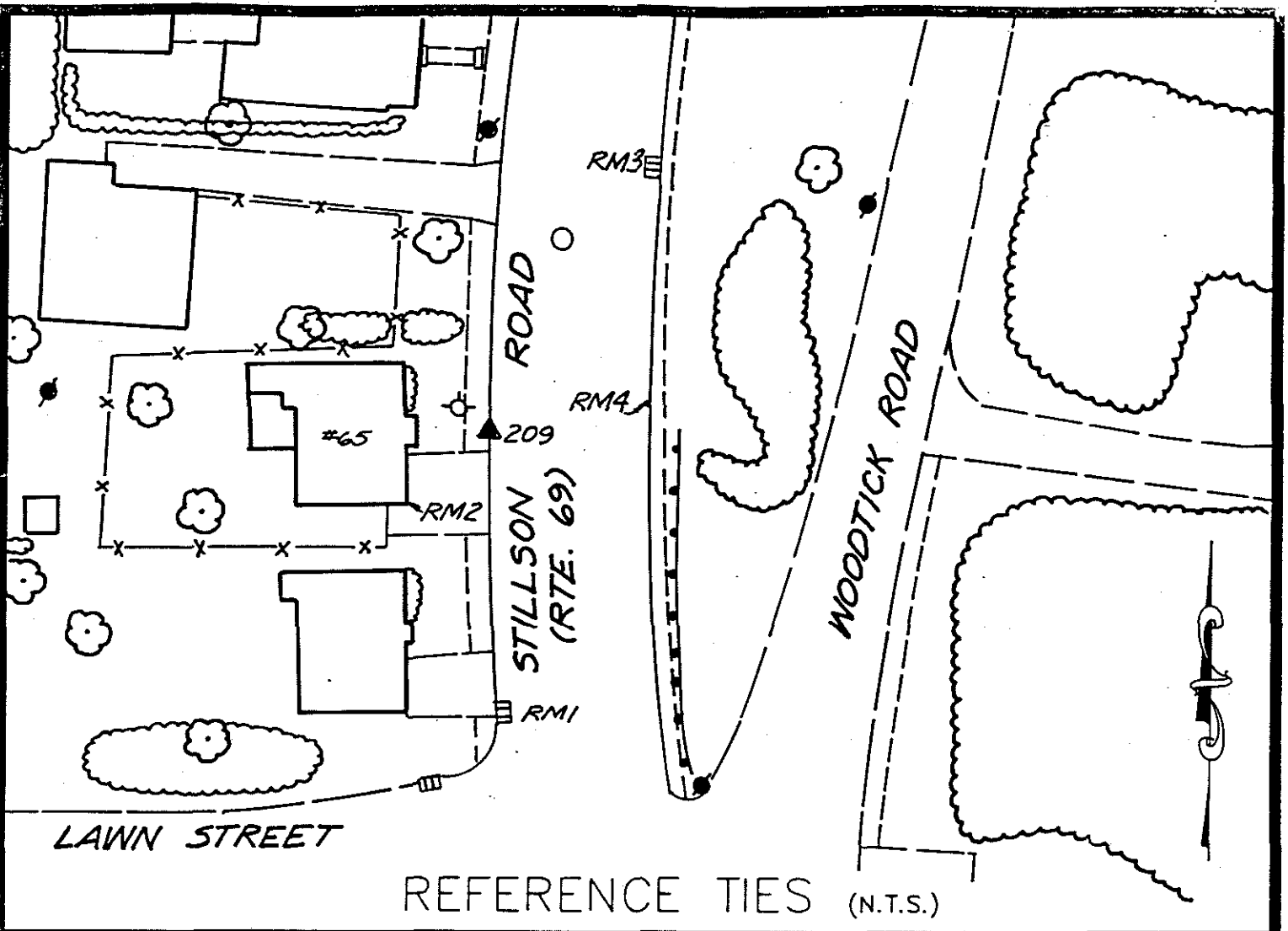
DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-208	454.970	0°-00'-00"	10°-44'-16.7"
CP-210	623.827	159°-22'-37.3"	170°-06'-54.0"
RM1	73.30	165°-48'-17"	
RM2	75.82	183°-48'-58"	
RM3	72.40	23°-32'-11"	
RM4	39.63	76°-53'-07"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #209: SET ROD MONUMENT, 102' NORTH OF CENTERLINE OF LAWN ST., AND 20' EAST OF HOUSE #65

RM1: SOUTH OF STATION - A CHISEL MARK IN THE STEEL CURB OF CATCH BASIN


RM2: SOUTHWEST OF STATION - THE CORNER OF THE SIXTH CINDER BLOCK ABOVE THE BIT. ON THE NORTH SIDE OF GARAGE DOOR FOR HOUSE #65

RM3: NORTHEAST OF STATION - A CHISEL "+" IN THE CENTER OF STEEL CURB OF CATCH BASIN

RM4: EAST OF STATION - PK NAIL IN TOP OF BIT. CURB



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

  
**THE BONGIOVANNI  
GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 866-0734

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-210

IN THE TOWN OF  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 763,362.882 FEET

E. 930,298.300 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-21.06874"

LONG. 73°-00'-18.80417"

THETA ANGLE - 0°-10'-07.9"

**TYPE OF MARKER**  
GRANITE CITY MON.

ALSO REFERRED TO AS STATION #

**ELEVATIONS**

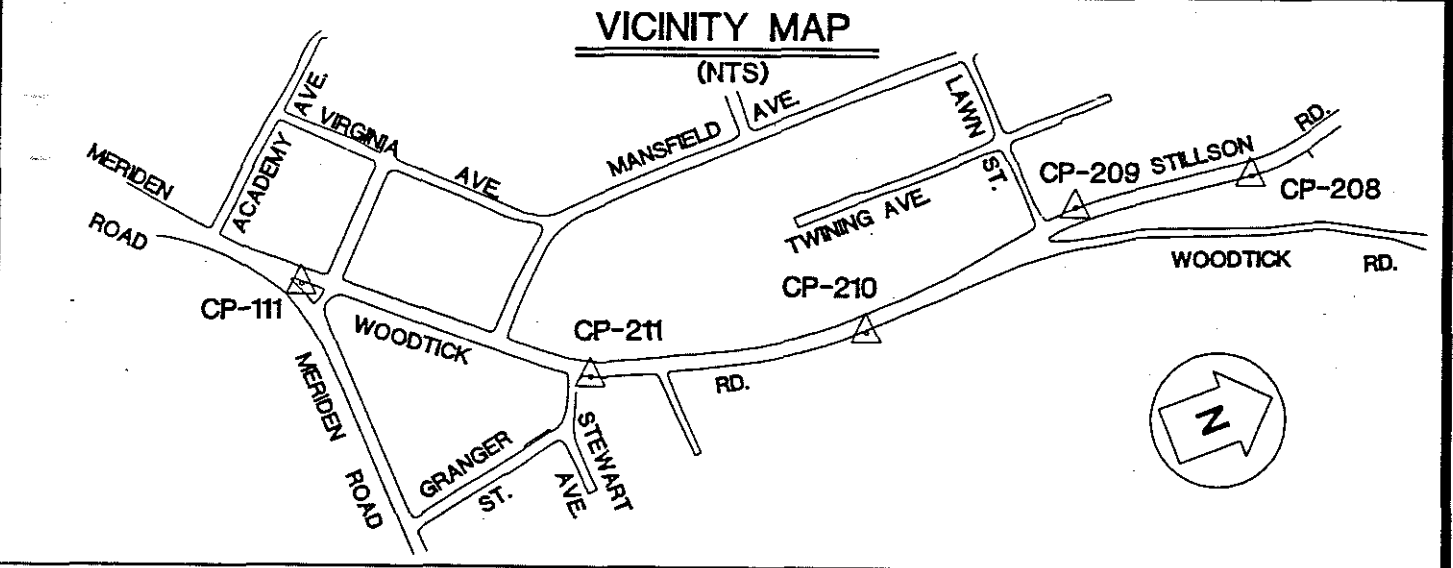
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

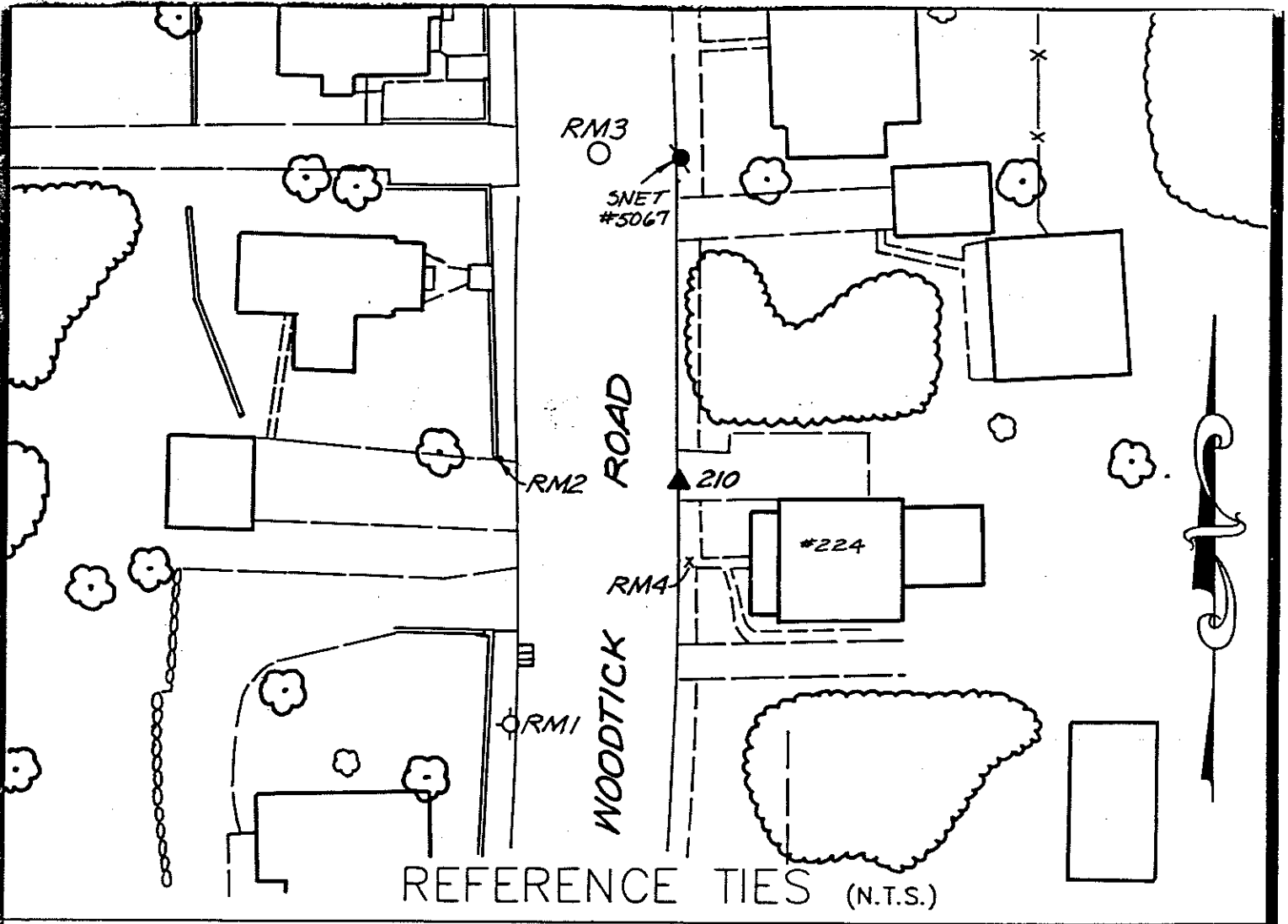
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-209	623.827	0°-00'-00"	350°-06'-54.0"
CP-211	719.822	202°-04'-03.5"	192°-10'-57.5"
RM1	75.97	226°-05'-19"	
RM2	50.40	278°-55'-30"	
RM3	82.44	350°-35'-16"	
RM4	2120	183°-33'-42"	



REFERENCE TIES (N.T.S.)

COMMENTS

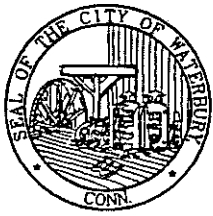
STATION #210: A CITY OF WATERBURY GRANITE R.O.W. MERESTONE, IN CENTERLINE OF GRAVEL DRIVEWAY AT BACK EDGE OF BIT. WALK

RM1: SOUTHWEST OF STATION - TOP OF FIRE HYDRANT, 18' SOUTH OF CATCH BASIN

RM2: WEST OF STATION - A 3/8" DRILL HOLE IN TOP OF STONE AND CONCRETE RETAINING WALL, SOUTHEAST CORNER

RM3: NORTHWEST OF STATION - A CHISEL CROSS IN THE NORTH RIM OF WATERBURY MANHOLE

RM4: SOUTH OF STATION - A 3/8" DRILL HOLE IN CONCRETE WALK LEADING TO HOUSE #224



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

76 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**

CP-211

IN THE TOWN OF  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 762,659.271 FEET

E. 930,146.397 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-14.11278"

LONG. 73°-00'-18.77484"

THETA ANGLE - 0°-10'-09.2"

TYPE OF MARKER  
BRASS DISK

ALSO REFERRED TO AS STATION # \_\_\_\_\_

**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

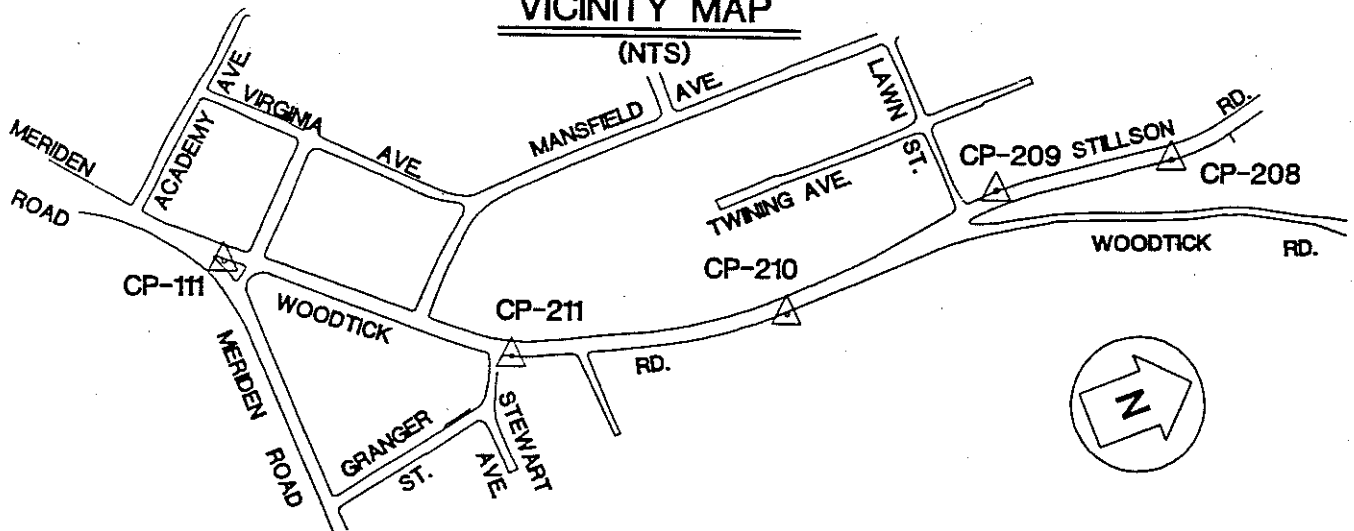
**CONDITION OF STATION**

**BY**

**DATE**

CONDITION OF STATION	BY	DATE

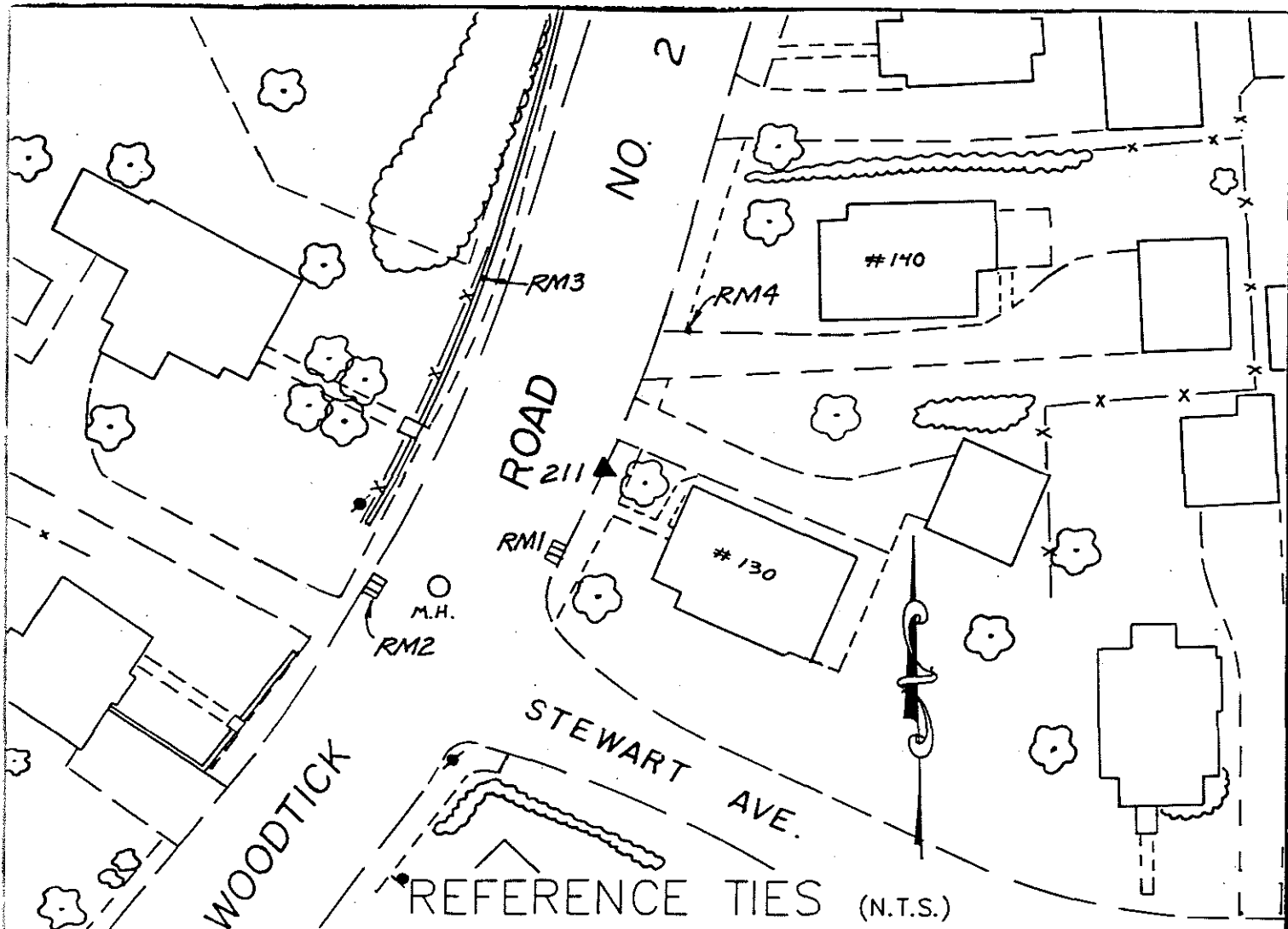
VICINITY MAP



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-210	719.822	0°-00'-00"	12°-10'-57.5"
CP-111	775.809	206°-42'-21.8"	218°-53'-18.3"
RM1	9.17	194°-08'-41"	
RM2	46.57	250°-38'-34"	
RM3	61.16	324°-50'-18"	
RM4	52.30	16°-05'-27"	

SEE REVERSE SIDE FOR REFERENCE TIES

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COMMENTS

STATION #211: A BRASS DISK IN CONCRETE CURB, EAST SIDE OF WOODTICK RD., 65' NORTH OF SNET CO. POLE #5060

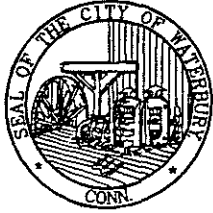
RM1: SOUTH OF STATION - A CHISEL CROSS IN THE CENTER OF STEEL CURB OF CATCH BASIN ON EAST SIDE OF THE ROAD

RM2: SOUTHWEST OF STATION - A CHISEL CROSS IN THE CENTER OF STEEL CURB OF CATCH BASIN ON WEST SIDE OF ROAD

RM3: NORTHWEST OF STATION - A 3/8" DRILL HOLE IN THE TOP OF STONE AND CONCRETE RETAINING WALL, 5' SOUTH OF SNET CO. POLE #5061

RM4: NORTH OF STATION - A 3/8" DRILL HOLE IN THE TOP OF STONE RETAINING WALL ON NORTH SIDE OF BIT. DRIVEWAY FOR HOUSE #140





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 686-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-300

**IN THE TOWN OF**  
WATERTOWN

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 783,388.041 FEET

E. 913,855.892 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-36'-38.37848"

LONG. 73°-03'-54.03380"

THETA ANGLE - 0°-12'-31.9"

**TYPE OF MARKER**  
CITY ROD MON.

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

CONDITION OF STATION	BY	DATE

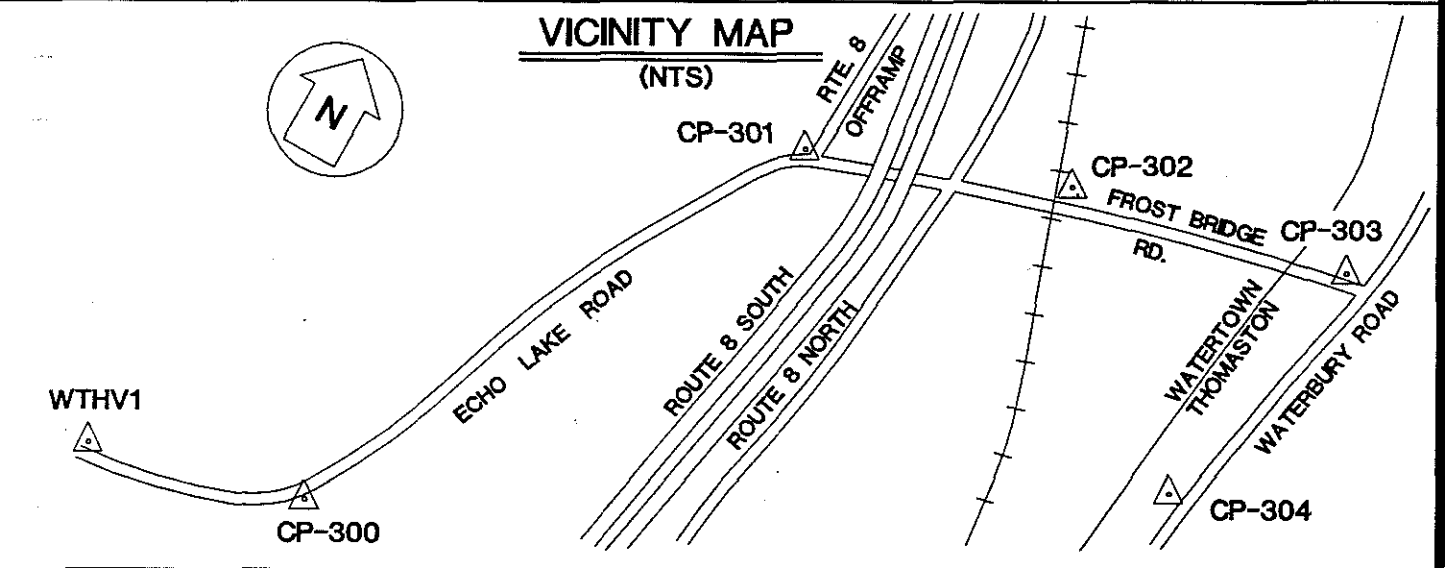
**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

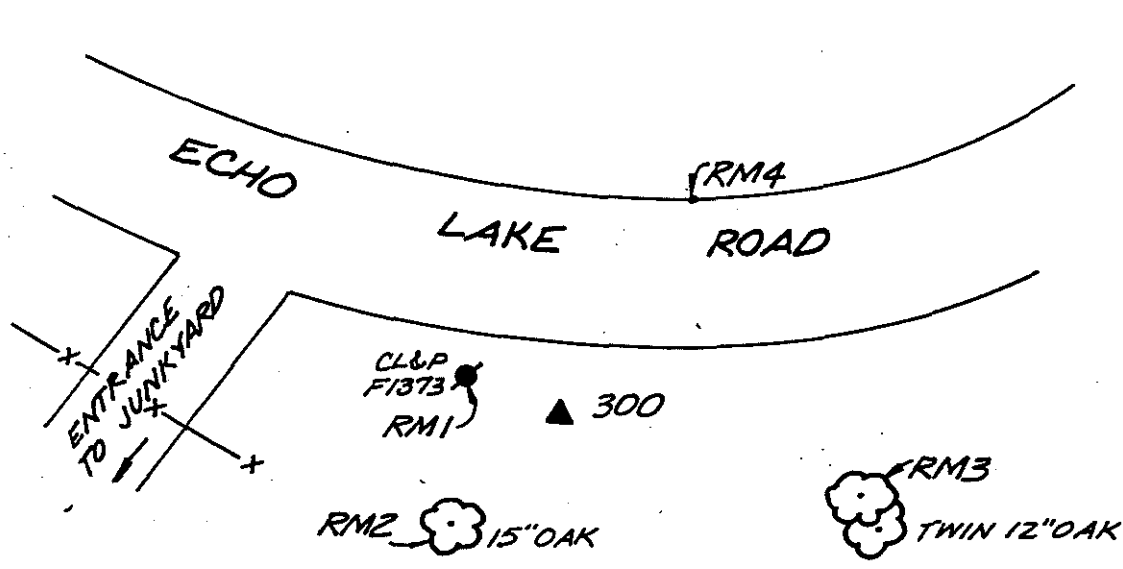
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
WTHV1	572.603	0°-00'-00"	255°-38'-20.4"
CP-300	1583.009	130°-38'-57.8"	26°-17'-18.1"
RM1	4.90	19°-44'-09"	
RM2	13.41	296°-49'-55"	
RM3	50.63	179°-30'-25"	
RM4	52.57	95°-34'-16"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #300: ROD MONUMENT IN TOP OF SLOPE LOCATED 15' SOUTH OF THE EDGE OF ECHO LAKE ROAD, 40' EAST OF EAST EDGE OF BIT. ENTRANCE TO JUNKYARD AND 6' EAST OF CL&P #F1373

RM1: WEST OF STATION - A PK NAIL IN CL&P POLE #F1373 LOCATED 2' ABOVE THE GROUND

RM2: SOUTH OF STATION - A PK NAIL IN A 15" OAK TREE LOCATED 40' SOUTH OF EAST EDGE OF ENTRANCE TO JUNKYARD AND 20' SOUTH OF SOUTH SIDE OF ECHO LAKE ROAD. PK NAIL IS 3' ABOVE THE GROUND

RM3: EAST OF STATION - A PK NAIL IN A TWIN 12" OAK TREE LOCATED 30' SOUTH OF SOUTH SIDE OF ECHO LAKE ROAD. PK NAIL IS 7' ABOVE THE GROUND

RM4: NORTH OF STATION - A PK NAIL IN TOP OF BIT. CURB ON NORTH SIDE OF ECHO LAKE ROAD



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-301

**IN THE TOWN OF**  
WATERTOWN

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 784,789.398 FEET

E. 914,548.132 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-36'-52.24622"

LONG. 73°-03'-44.98768"

THETA ANGLE - 0°-12'-25.9"

**TYPE OF MARKER**  
CITY ROD MON.

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

CONDITION OF STATION	BY	DATE

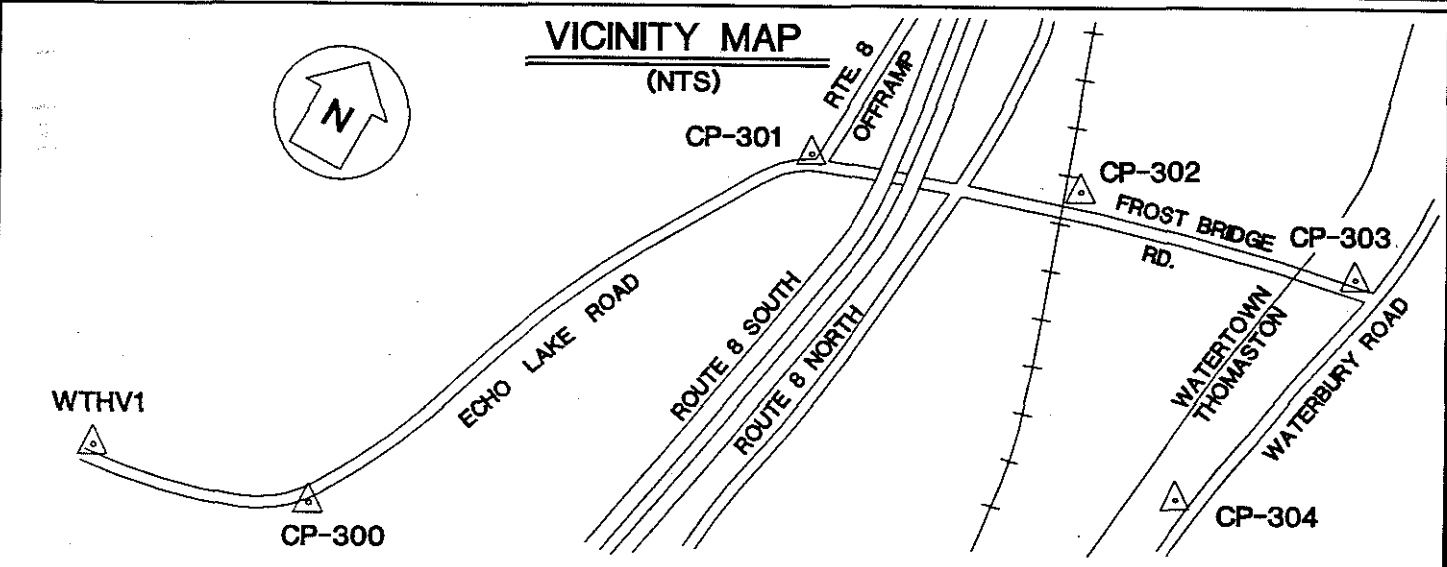
**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

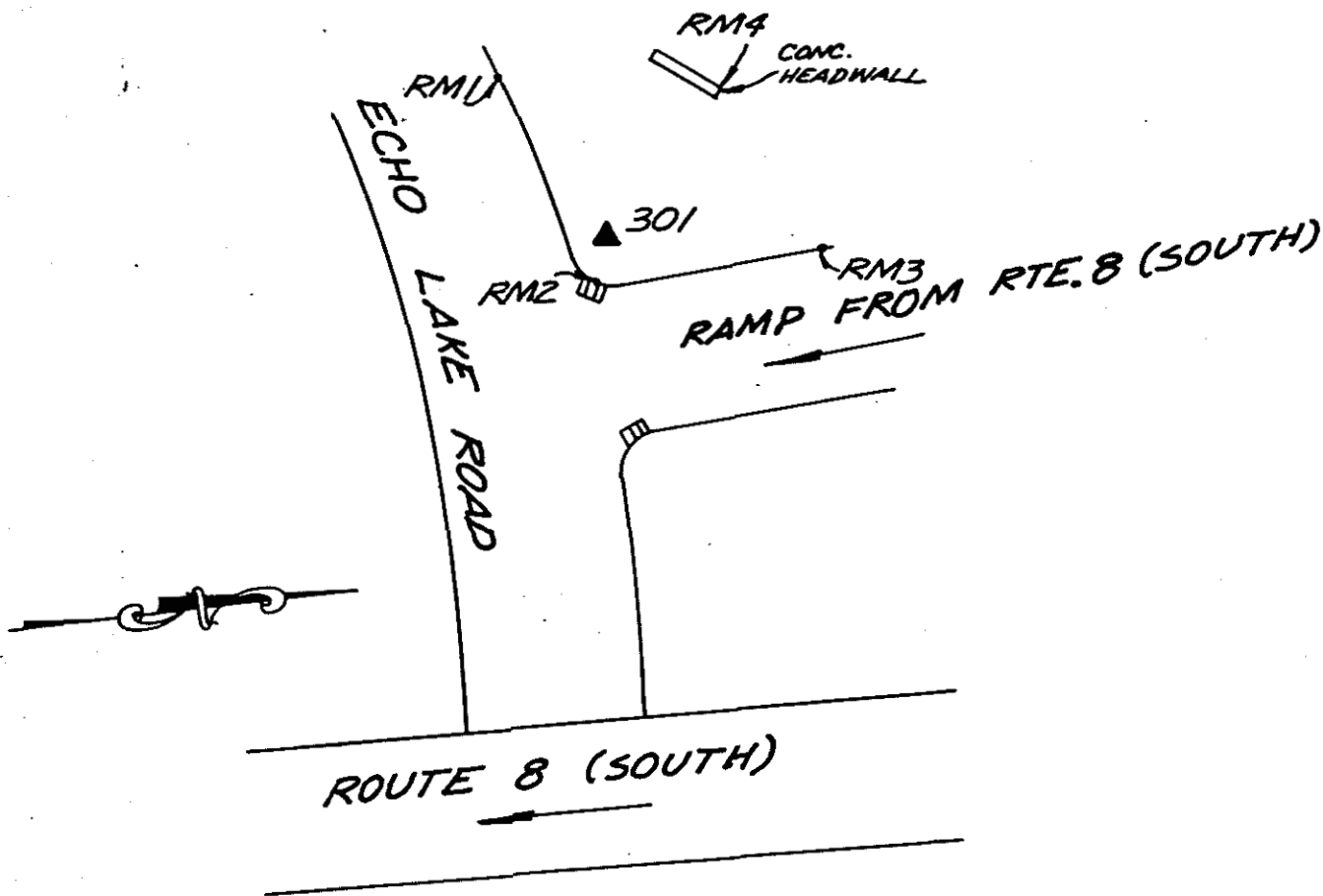
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-300	1563.009	0°-00'-00"	206°-17'-18.1"
CP-302	884.613	220°-40'-14.1"	66°-57'-32.3"
RM1	23.79	358°-27'-42"	
RM2	5.20	183°-08'-59"	
RM3	33.70	142°-01'-48"	
RM4	64.06	105°-06'-22"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

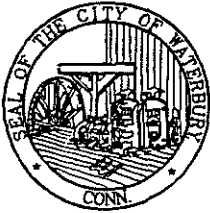
STATION #301: ROD MONUMENT AT SOUTHWEST CORNER OF EXIT RAMP FROM SOUTHBOUND ROUTE 8 AND ECHO LAKE ROAD. MONUMENT IS 3' WEST OF CATCH BASIN AT END OF EXIT RAMP

RM1: WEST OF STATION - PK NAIL IN TOP OF CURB ON NORTH SIDE OF ECHO LAKE ROAD, 20' WEST OF WEST SIDE OF EXIT RAMP FROM ROUTE 8 SOUTHBOUND

RM2: EAST OF STATION - DRILL HOLE IN TOP OF CURB AT CATCH BASIN ON WEST SIDE OF ROUTE 8 EXIT RAMP, 5' NORTH OF NORTH SIDE OF ECHO LAKE ROAD

RM3: NORTH OF STATION - PK NAIL IN TOP OF CURB ON WEST SIDE OF ROUTE 8 EXIT RAMP. PK NAIL IS 36' NORTH OF NORTH SIDE OF ECHO LAKE ROAD

RM4: NORTHWEST OF STATION - DRILL HOLE IN NORTHWEST CORNER OF CONCRETE HEADWALL. DRILL HOLE IS 75' NORTH OF NORTH SIDE OF ECHO LAKE ROAD AND 30' WEST OF WEST SIDE OF ROUTE 8 EXIT RAMP



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 686-0734

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-302

**IN THE TOWN OF**  
WATERTOWN

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 785,057.349 FEET

E. 915,178.130 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-36'-54.91592"

LONG. 73°-03'-38.70640"

THETA ANGLE - 0°-12'-20.4"

**TYPE OF MARKER**  
CITY ROD MON.

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

CONDITION OF STATION	BY	DATE

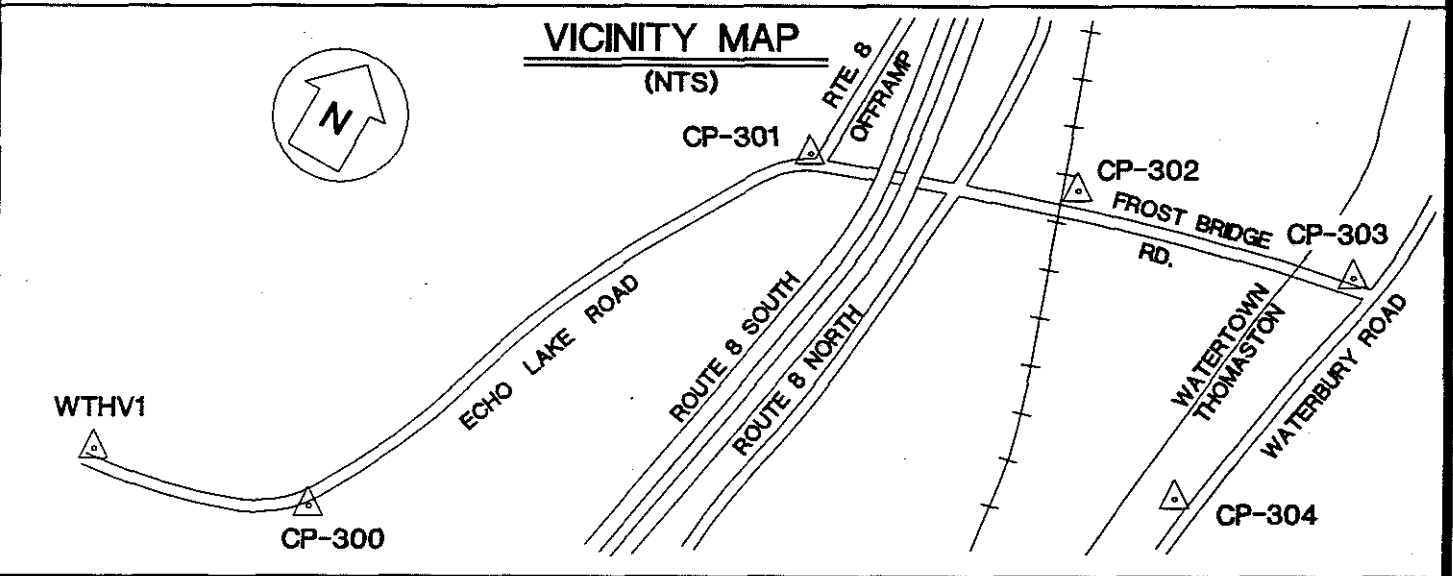
**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

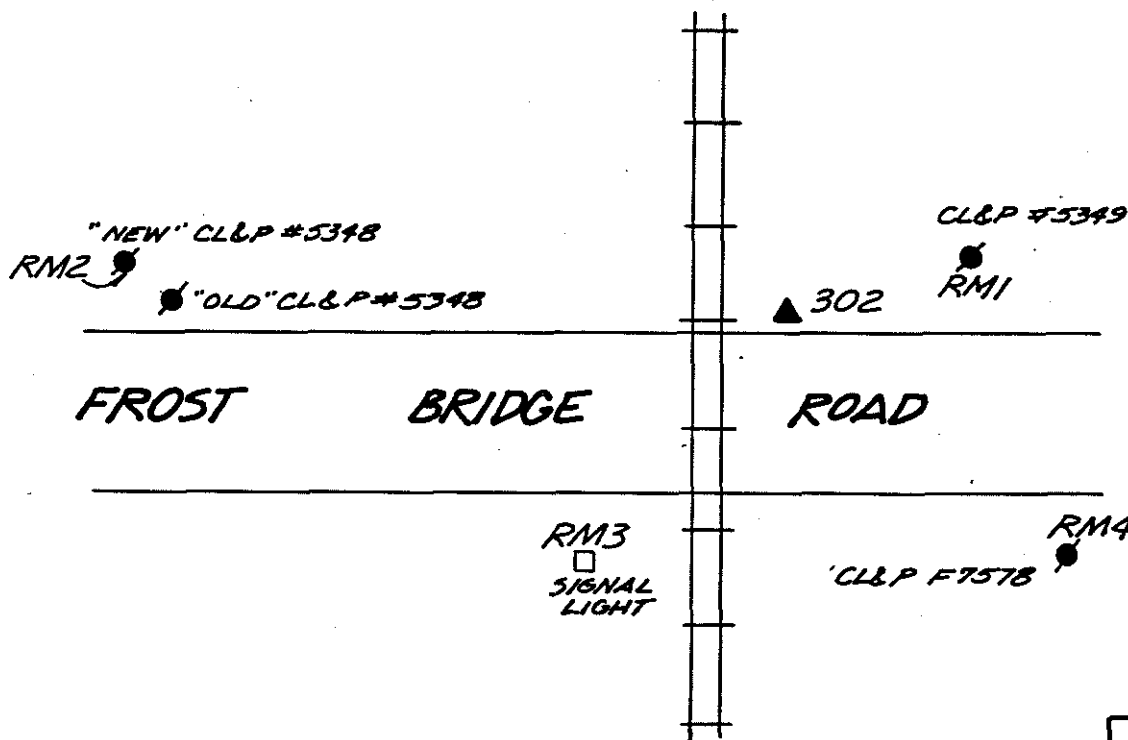
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-301	684.613	0°-00'-00"	246°-57'-32.3"
CP-303	728.323	192°-12'-59.3"	79°-10'-31.5"
RM1	34.70	172°-09'-29"	
RM2	94.58	09°-27'-11"	
RM3	55.34	301°-08'-54"	
RM4	85.35	221°-03'-18"	



REFERENCE TIES (N.T.S.)

COMMENTS

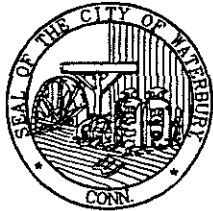
STATION #302: ROD MONUMENT 2' NORTH OF NORTH SIDE OF FROST BRIDGE ROAD, 10' EAST OF CENTERLINE OF RAILROAD TRACKS

RM1: EAST OF STATION - PK NAIL IN CL&P POLE #5349, 10' NORTH OF NORTH SIDE OF FROST BRIDGE ROAD, 45' EAST OF CENTERLINE OF RAILROAD TRACKS. PK NAIL IS 2' ABOVE THE GROUND

RM2: WEST OF STATION - PK NAIL IN "NEW" CL&P POLE #5348, 10' NORTH OF NORTH SIDE OF FROST BRIDGE ROAD, 90' WEST OF CENTERLINE OF RAILROAD TRACKS. PK NAIL IS 2' ABOVE THE GROUND

RM3: SOUTHWEST OF STATION - CHISELLED "+" IN NORTHEAST ANCHOR BOLT OF SIGNAL LIGHT BASE. RM3 IS 4' SOUTH OF SOUTH SIDE OF FROST BRIDGE ROAD AND 12' WEST OF CENTERLINE OF RAILROAD TRACKS

RM4: SOUTHEAST OF STATION - PK NAIL IN CL&P POLE #F7578, 75' EAST OF CENTERLINE OF RAILROAD TRACKS, 5' SOUTH OF SOUTH SIDE OF FROST BRIDGE ROAD. PK NAIL IS 3' ABOVE THE GROUND



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
 CP-303

IN THE TOWN OF  
 THOMASTON

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 785,194.130 FEET

E. 915,893.494 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-36'-58.29253"

LONG. 73°-03'-27.29490"

THETA ANGLE - 0°-12'-14.2"

TYPE OF MARKER  
 BRASS DISK

ALSO REFERRED TO AS STATION #

CONDITION OF STATION	BY	DATE

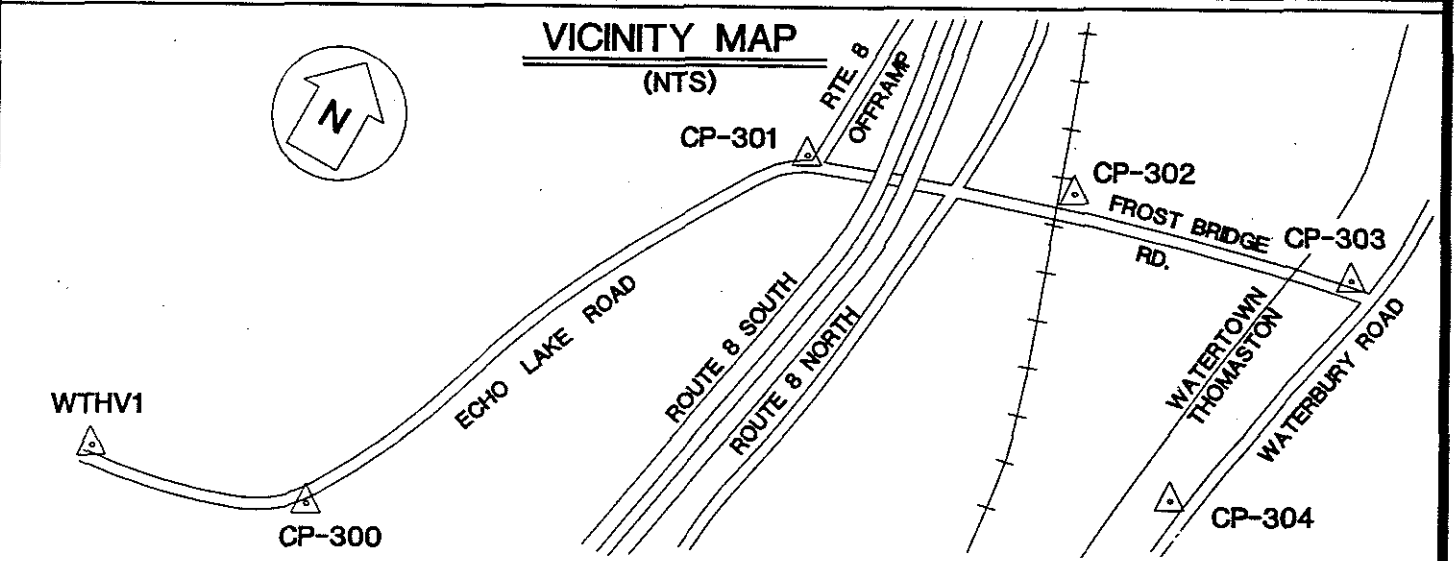
**ELEVATIONS**

\_\_\_\_\_ FEET  
 (NAVD 88)

DATE \_\_\_\_\_

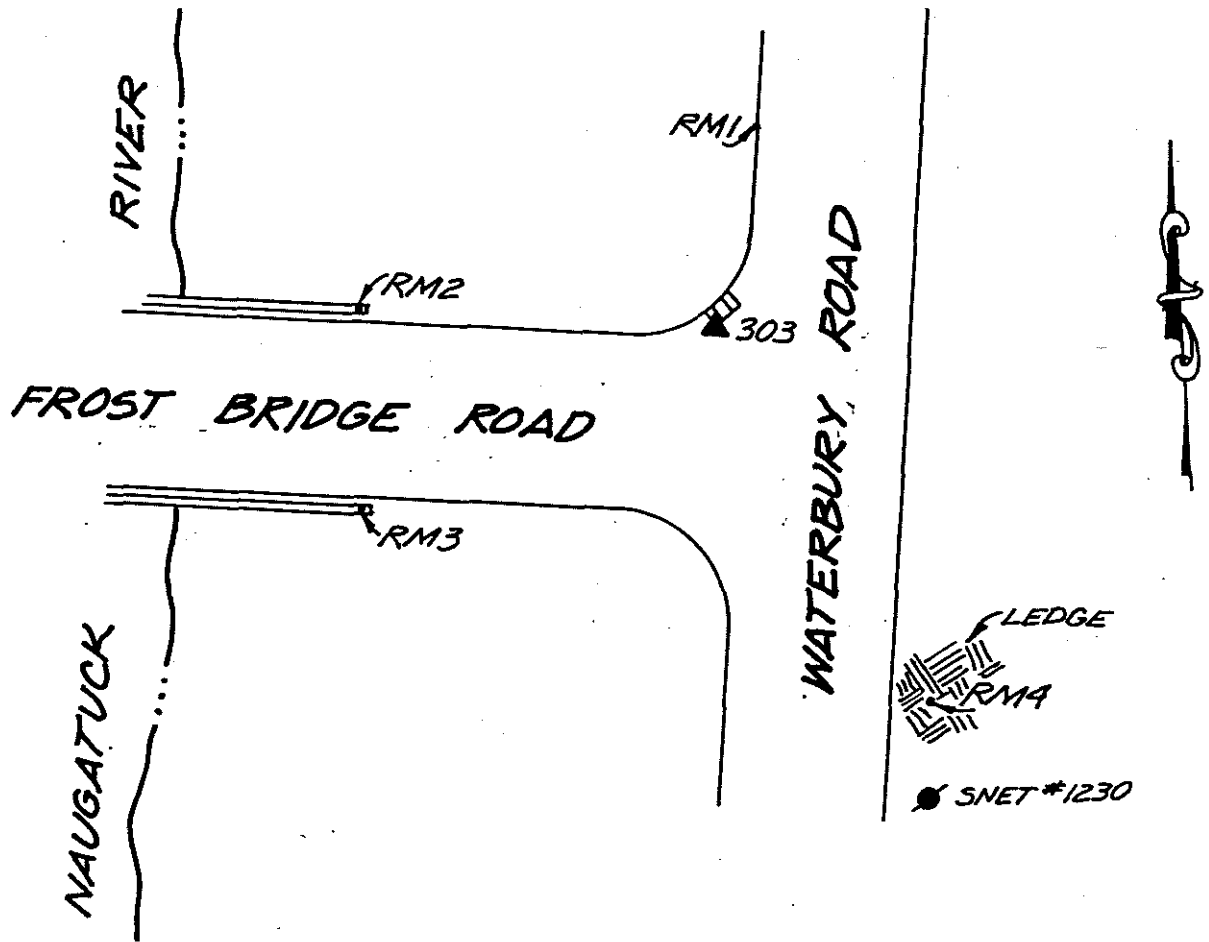
\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-302	728.323	0°-00'-00"	259°-10'-31.5"
CP-304	713.839	289°-43'-12.0"	188°-53'-43.5"
RM1	35.08	142°-43'-31"	
RM2	8.26	13°-11'-28"	
RM3	76.90	308°-30'-20"	
RM4	88.15	268°-59'-28"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #303: BRASS DISK IN THE SOUTHWEST CORNER OF CATCH BASIN. CATCH BASIN IS AT THE NORTHWEST CORNER OF THE INTERSECTION OF FROST BRIDGE ROAD AND WATERBURY ROAD

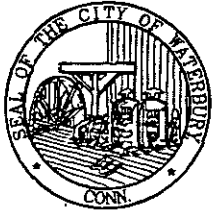
RM1: NORTH OF STATION - PK NAIL IN TOP OF CURB ON WEST SIDE OF WATERBURY ROAD. PK NAIL IS 25' NORTH OF NORTH SIDE OF FROST BRIDGE ROAD

RM2: WEST OF STATION - CHISELLED "+" ON THE MOST EASTERLY BOLT OF STEEL HAND RAIL ON TOP OF PARAPET WALL. WALL IS ON THE NORTH SIDE OF FROST BRIDGE ROAD AT BRIDGE OVER NAUGATUCK RIVER

RM3: SOUTHWEST OF STATION - CHISELLED "+" ON THE MOST EASTERLY BOLT OF STEEL HAND RAIL ON TOP OF PARAPET WALL. WALL IS ON THE SOUTH SIDE OF FROST BRIDGE ROAD AT BRIDGE OVER NAUGATUCK RIVER

RM4: SOUTH OF STATION - PK NAIL IN LEDGE, 5' OFF EAST SIDE OF WATERBURY ROAD, 10' NORTH OF SNET CO. POLE #1230 AND 45' SOUTH OF THE INTERSECTION OF FROST BRIDGE ROAD AND WATERBURY ROAD





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KITTS LANE NEWINGTON, CT (203) 858-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**

CP-304

IN THE TOWN OF  
THOMASTON

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 784,488.877 FEET

E. 915,783.112 FEET

DATE 8 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-38'-49.32099"

LONG. 73°-03'-28.71502"

THETA ANGLE - 0°-12'-15.1"

TYPE OF MARKER  
CITY ROD MON.

ALSO REFERRED TO AS STATION #

**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

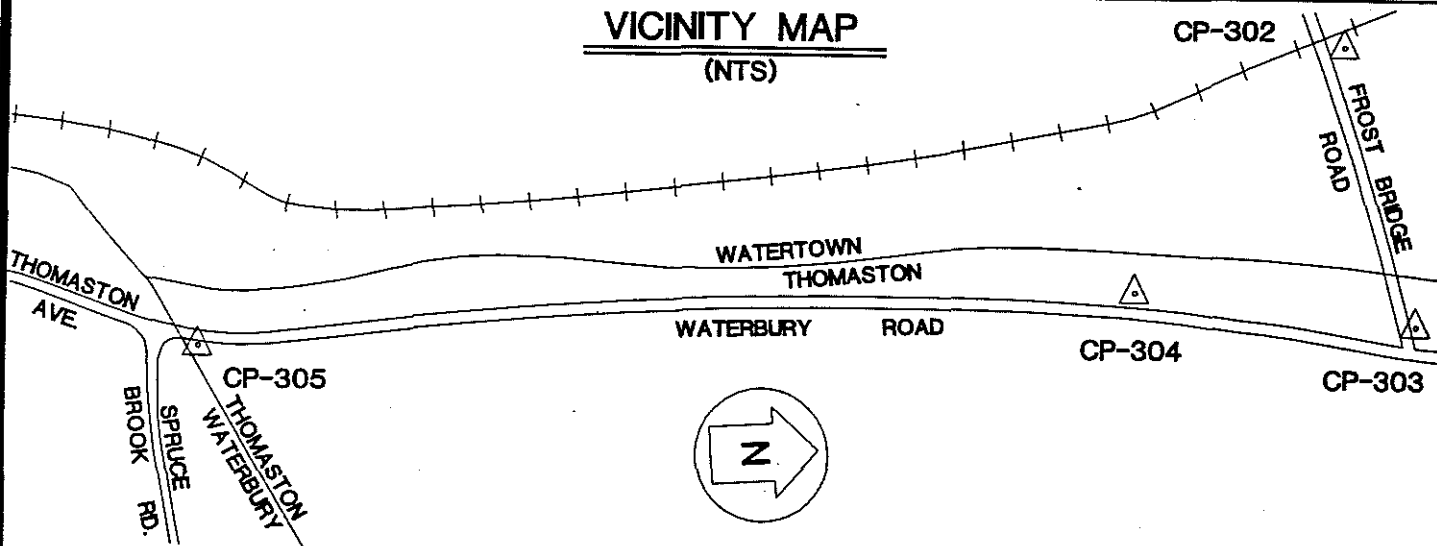
**CONDITION OF STATION**

**BY**

**DATE**

CONDITION OF STATION	BY	DATE

**VICINITY MAP  
(NTS)**



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-303	713.839	0°-00'-00"	08°-53'-43.5"
CP-305	2409.433	170°-35'-24.1"	179°-29'-07.6"
RM1	58.40	31°-01'-25"	
RM2	45.47	337°-07'-06"	
RM3	32.83	202°-06'-07"	
RM4	44.51	117°-37'-30"	

SEE REVERSE SIDE FOR REFERENCE TIES



HOUSE

RM1  
● SNET #1226

● SNET #1225

RM4

WATERBURY ROAD

← 500± TO  
FROST BRIDGE RD.

▲ 304

RM2 ● SNET #12265

RM3  
☁ 6" ELM

### REFERENCE TIES (N.T.S.)

### COMMENTS

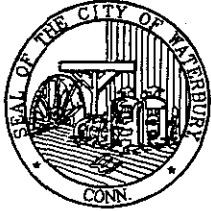
STATION #304: ROD MONUMENT, 4' WEST OF THE WEST SIDE OF WATERBURY ROAD AND 45' SOUTH OF SNET CO. POLE #1226

RM1: NORTHEAST OF STATION - PK NAIL IN SNET CO. POLE #1226. PK NAIL IS 3' EAST OF THE EAST SIDE OF WATERBURY ROAD AND 1' ABOVE THE GROUND

RM2: NORTH OF STATION - PK NAIL IN SNET CO. POLE #12265. PK NAIL IS 15' WEST OF THE WEST SIDE OF WATERBURY ROAD AND 2' ABOVE THE GROUND

RM3: SOUTHWEST OF STATION - PK NAIL IN 6" ELM STREE. PK NAIL IS 20' WEST OF THE WEST SIDE OF WATERBURY ROAD AND 4' ABOVE THE GROUND

RM4: SOUTHEAST OF STATION - CHISELLED "+" IN NORTHWEST CORNER OF FRAME OF CATCH BASIN AT CENTERLINE OF DIRT DRIVE ON EAST SIDE OF WATERBURY ROAD



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 666-0334

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
 CP-305

**IN THE TOWN OF**  
 THOMASTON

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 782,079.541 FEET

E. 915,804.750 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-36'-25.51830"

LONG. 73°-03'-28.31715"

THETA ANGLE - 0°-12'-14.9"

**TYPE OF MARKER**  
 CITY ROD MON.

**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

CONDITION OF STATION	BY	DATE

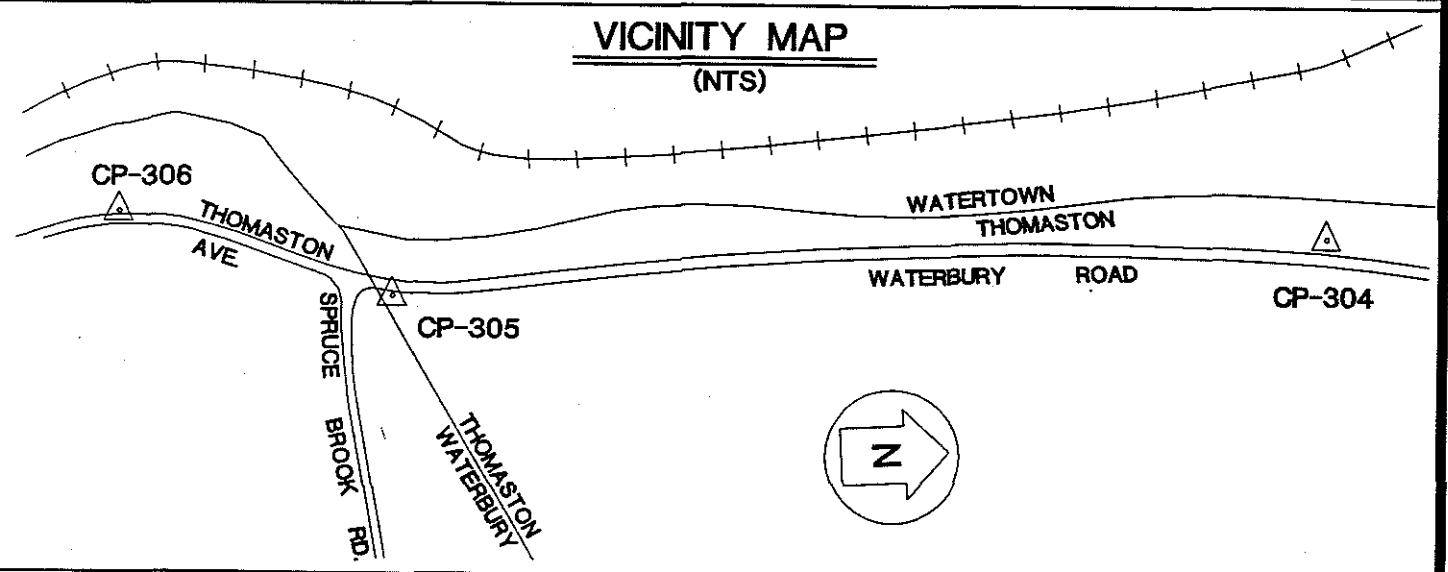
**ELEVATIONS**

\_\_\_\_\_ FEET  
 (NAVD 88)

DATE \_\_\_\_\_

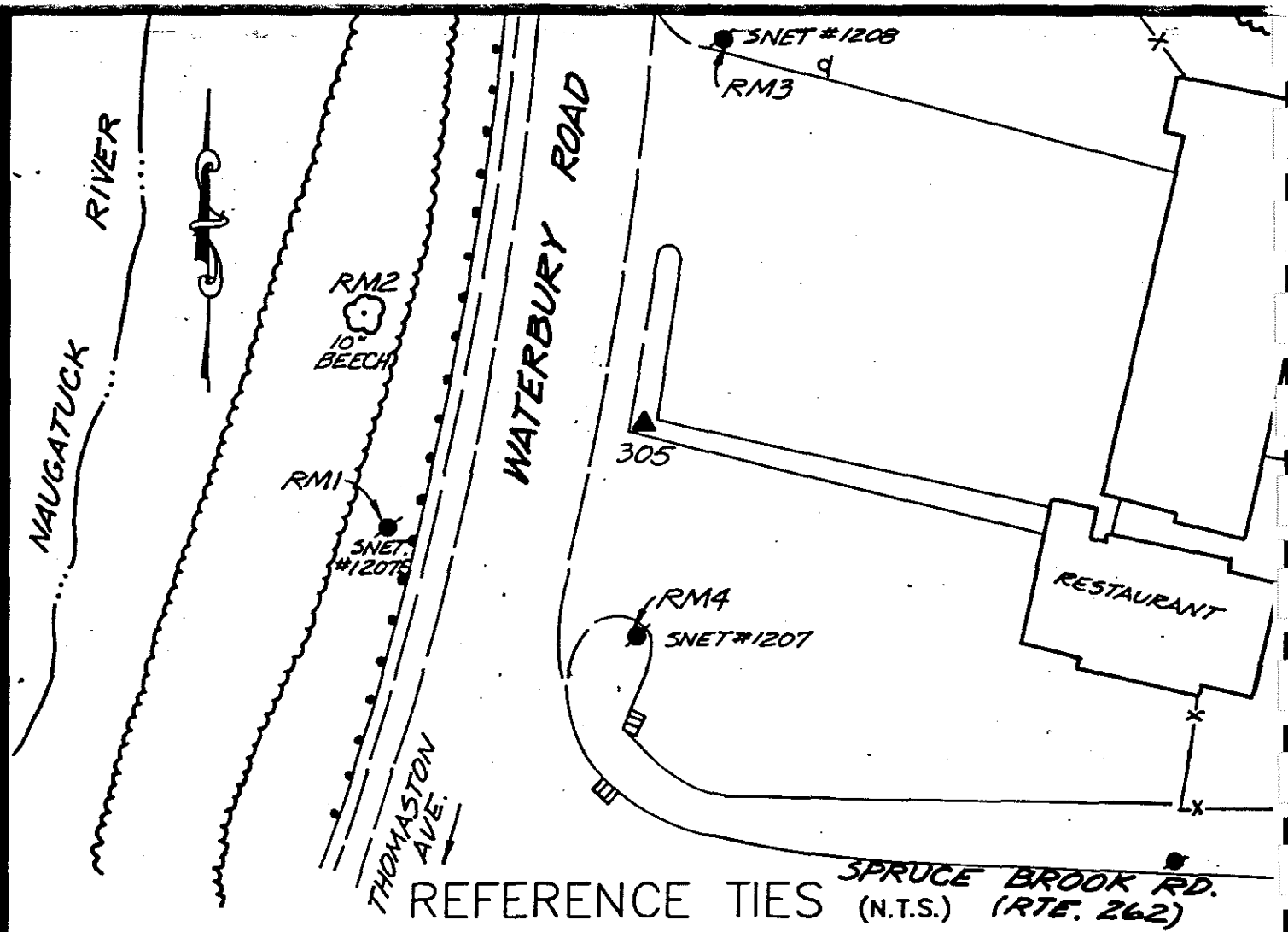
\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-304	2409.433	0°-00'-00"	359°-29'-07.6"
CP-306	734.103	200°-47'-14.3"	200°-16'-21.9"
RM1	67.62	248°-43'-09"	
RM2	72.97	291°-00'-42"	
RM3	96.08	11°-38'-52"	
RM4	46.60	185°-03'-05"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.) (RTE. 262)

**COMMENTS**

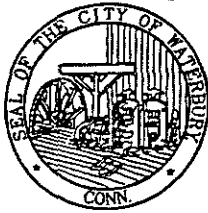
**STATION #305:** A ROD MONUMENT SET IN A BIT. ISLAND. MONUMENT IS LOCATED 4.5' EAST OF EAST GUTTER OF WATERBURY ROAD AND 14' NORTH OF THE NORTH RANGE OF "RESTAURANT" BUILDING ON EAST SIDE OF WATERBURY ROAD.

**RM1:** SOUTHWEST OF STATION - A PK NAIL IN THE NORTH SIDE OF SNET CO. POLE #1207S. PK NAIL IS 5' ABOVE THE GROUND. POLE IS 100'± NORTH OF THE WATERBURY/THOMASTON TOWN LINE AND IS ON THE WEST SIDE OF WATERBURY ROAD.

**RM2:** WEST OF STATION - A PK NAIL IN A 10" BEECH TREE ON THE WEST SIDE OF WATERBURY ROAD. PK NAIL IS 6.5' ABOVE THE GROUND. TREE IS LOCATED 20' WEST OF THE WEST EDGE OF WATERBURY ROAD AND 150'± NORTH OF THE WATERBURY/THOMASTON TOWN LINE.

**RM3:** NORTH OF STATION - A PK NAIL IN THE SOUTH SIDE OF SNET CO. POLE #1208 ON THE EAST SIDE OF WATERBURY ROAD. PK NAIL IS 4' ABOVE THE GROUND AND LOCATED 200'± NORTH OF THE WATERBURY/THOMASTON TOWN LINE.

**RM4:** SOUTH OF STATION - A PK NAIL IN THE NORTH SIDE OF SNET CO. POLE #1207 AT THE NORTH-EAST CORNER OF THOMASTON AVENUE AND SPRUCE BROOK ROAD. PK NAIL IS LOCATED 3' ABOVE THE GROUND.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-306

**IN THE TOWN OF  
 WATERBURY**

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 781,390.913 FEET  
 E. 915,550.391 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-36'-18.7059"  
 LONG. 73°-03'-31.63302"  
 THETA ANGLE - 0°-12'-17.1"

**TYPE OF MARKER**  
 CITY ROD MON.

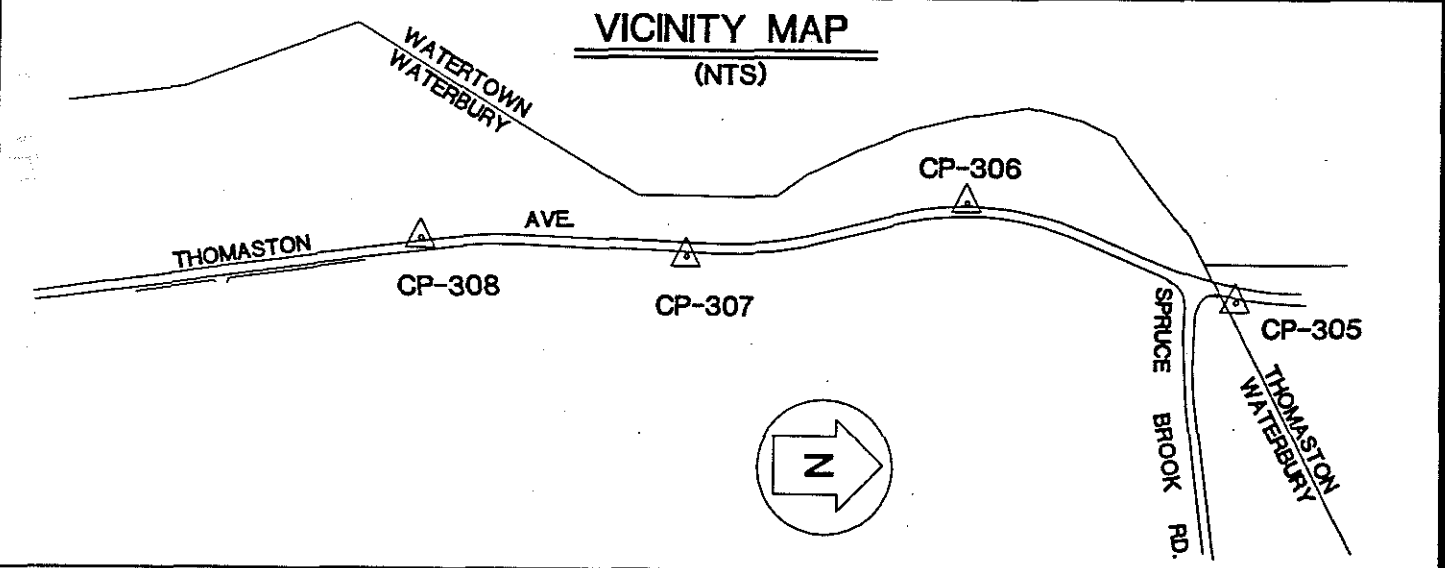
**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

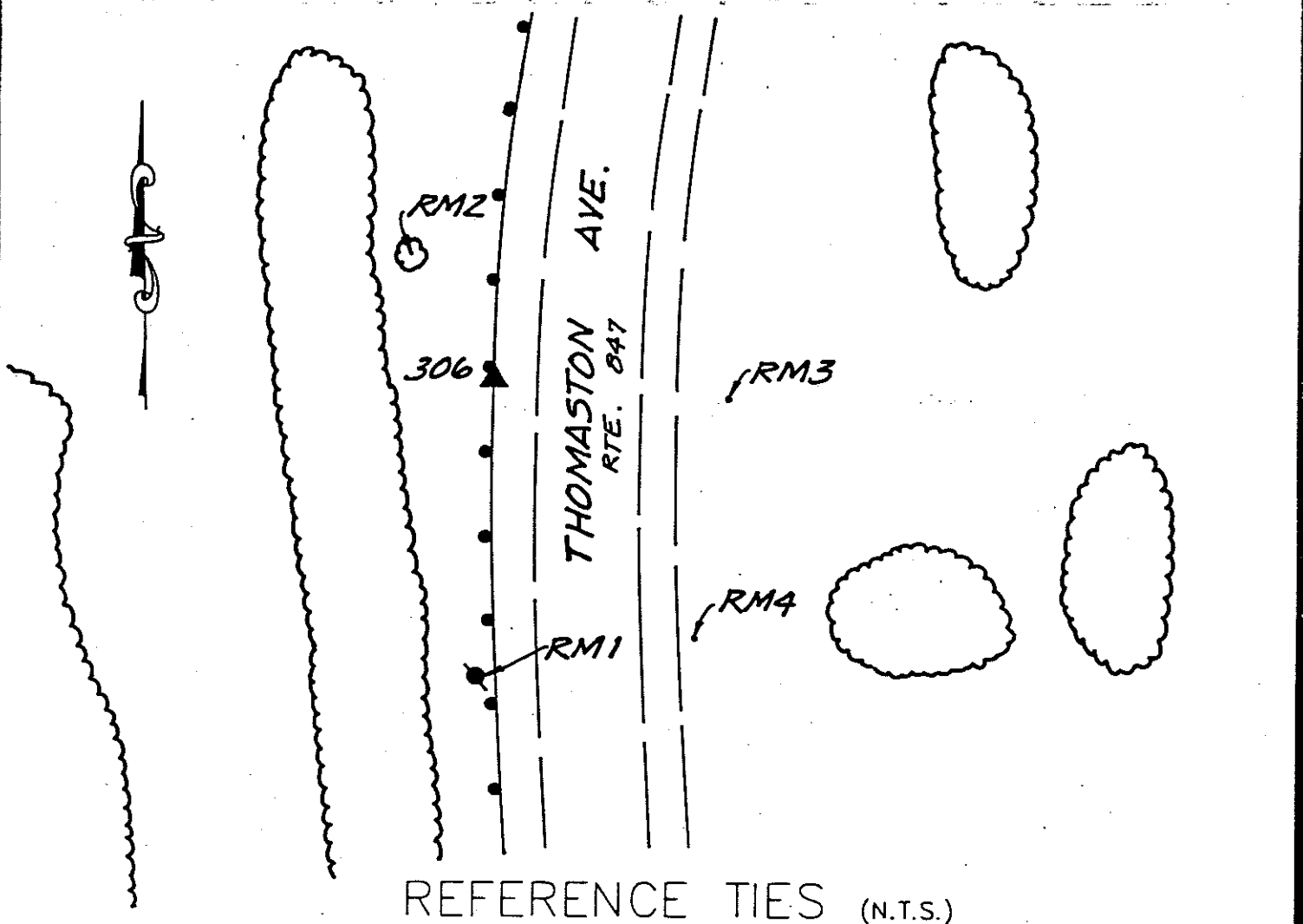
\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-305	734.103	0°-00'-00"	20°-16'-21.9"
CP-307	736.020	148°-33'-12.7"	168°-49'-34.7"
RM1	68.56	165°-44'-11"	
RM2	33.19	285°-47'-13"	
RM3	55.80	59°-58'-48"	
RM4	79.93	113°-42'-57"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #306: SET ROD MONUMENT, 3' OFF WEST SIDE RTE. #847, 33'± NORTH OF SNET CO. POLE #10972, 800'± SOUTH OF RTE. #262 AND RTE. #847, 800'± SOUTH OF NORTH CITY LINE

RM1: SOUTH OF STATION - PK NAIL 2'+ UP SNET CO. POLE #10972, 10' OFF WEST SIDE RTE. #847

RM2: NORTHWEST OF STATION - PK NAIL IN 4"  $\phi$  COTTONWOOD TREE, ABOUT 5' OFF GROUND. TREE IS ON WEST SIDE OF THOMASTON AVE. ABOUT 30' OFF PAVEMENT

RM3: EAST OF STATION - PK NAIL IN LEDGE 4'± UP, 10' OFF EAST SIDE OF #847, 75'± NORTH OF SNET CO. POLE #10972

RM4: SOUTHEAST OF STATION - PK NAIL IN LEDGE, 3'± UP, 12'± OFF EAST SIDE OF RTE. #847



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 958-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-307

IN THE TOWN OF  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 780,668.845 FEET  
 E. 915,693.020 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-36'-11.57714"  
 LONG. 73°-03'-29.72166"  
 THETA ANGLE - 0°-12'-15.8"

**TYPE OF MARKER**  
 CITY ROD MON.

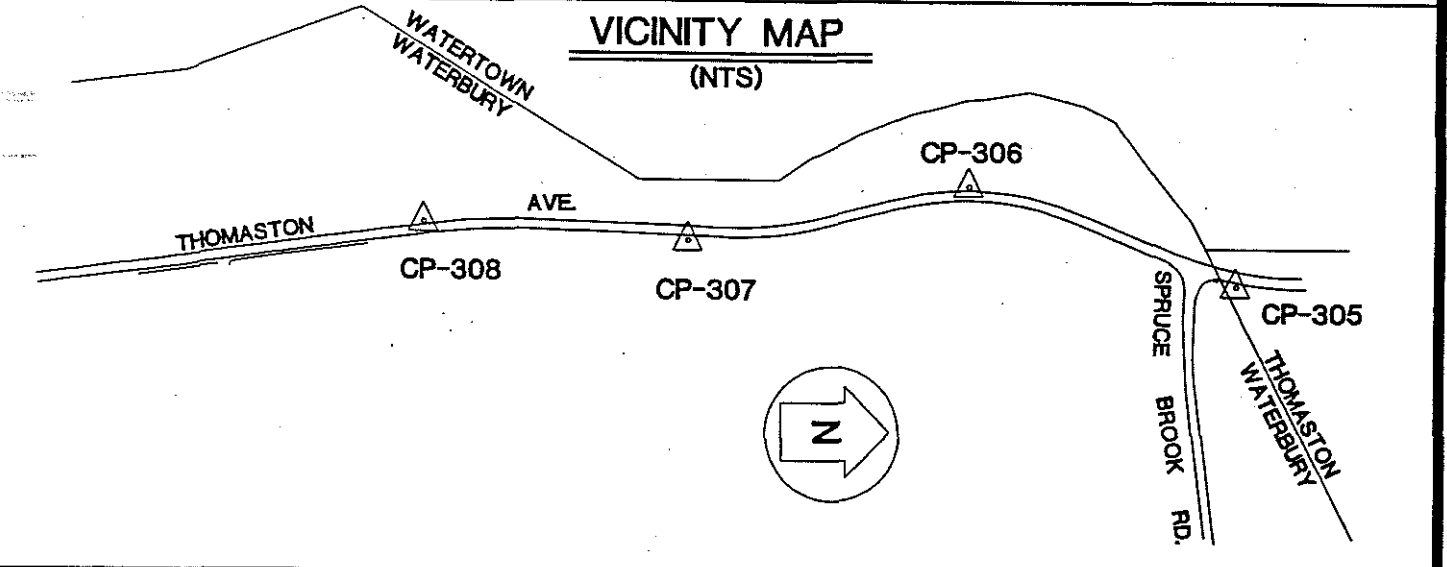
**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

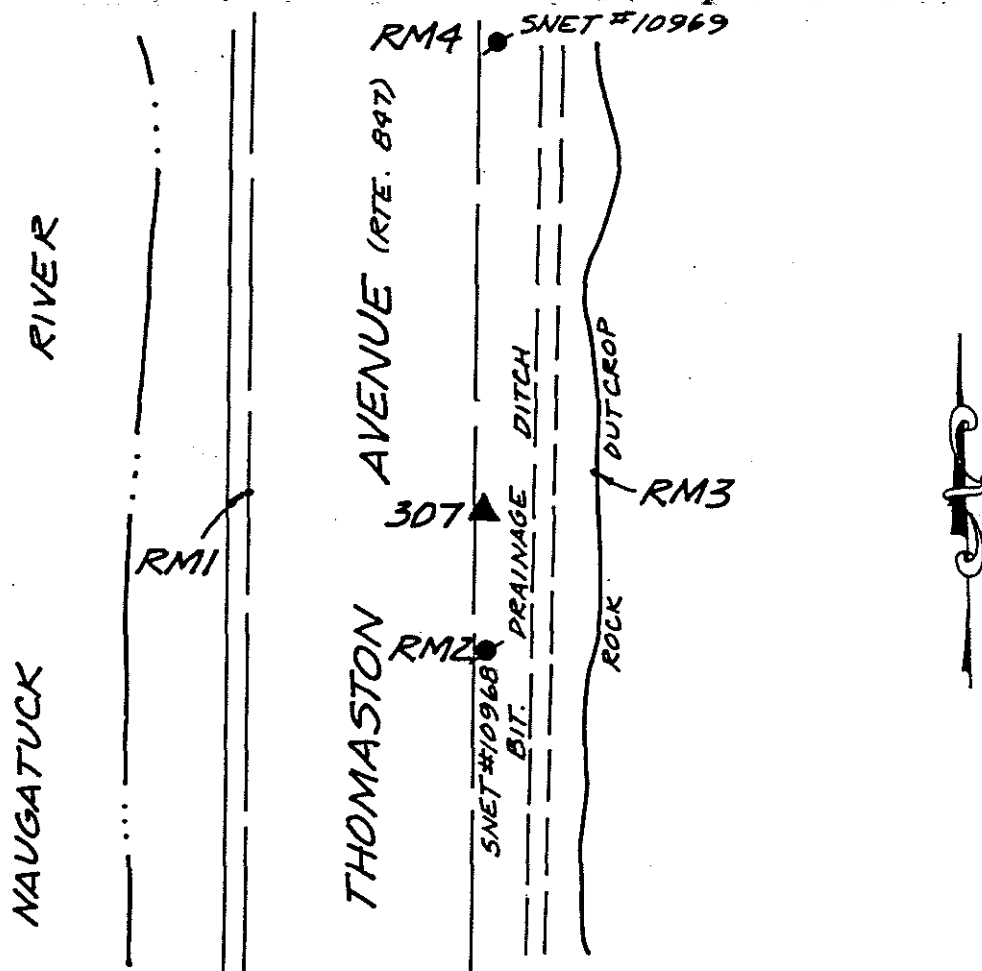
\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-306	736.020	0°-00'-00"	348°-49'-34.7"
CP-308	682.372	194°-55'-42.5"	183°-45'-17.2"
RM1	44.00	280°-28'-54"	
RM2	18.33	192°-27'-08"	
RM3	17.19	82°-44'-19"	
RM4	153.40	13°-21'-05"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #307: SET ROD MONUMENT, 4'± OFF EAST SIDE OF RTE. #847, 18'± NORTH OF SNET CO. POLE #10968, 200'± NORTH OF FIRING RANGE

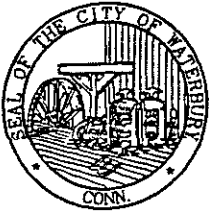
RM1: WEST OF STATION - PK NAIL IN PAVEMENT, 1' EAST OF WEST SIDE OF RTE. #847, 20'± NORTH OF SNET CO. POLE #10968

RM2: SOUTH OF STATION - PK NAIL 1'± UP SNET CO. POLE #10968, 3' OFF EAST SIDE OF RTE. #847

RM3: EAST OF STATION - PK NAIL IN LEDGE 4'± UP, 20' OFF EAST SIDE OF RTE. #847, 25'± NORTH OF SNET CO. POLE #10968

RM4: NORTH OF STATION - PK NAIL 3'± UP SNET CO. POLE #10969, 6' OFF EAST SIDE OF RTE. #847





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

  
**THE BONGIOVANNI  
GROUP, INC.**  
 LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-308

IN THE TOWN OF  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 779,987.938 FEET

E. 915,648.334 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-36'-04.84842"

LONG. 73°-03'-30.27787"

THETA ANGLE - 0°-12'-16.2"

TYPE OF MARKER  
CITY ROD MON.

ALSO REFERRED TO AS STATION #  
\_\_\_\_\_

**ELEVATIONS**

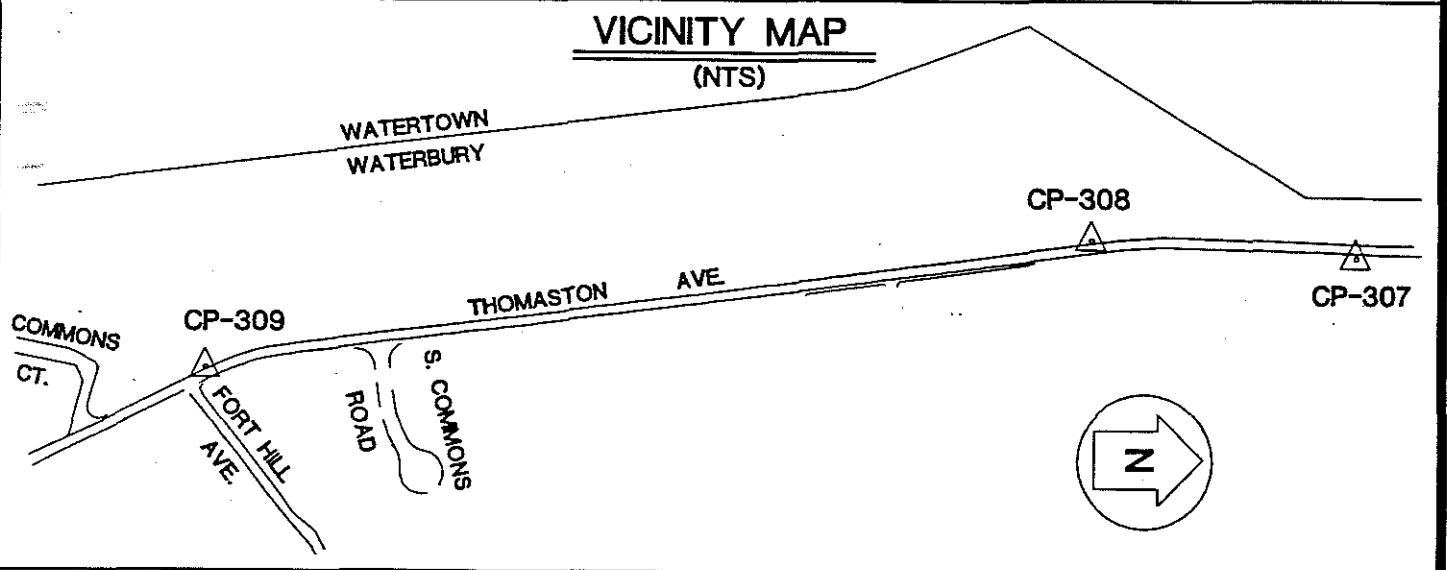
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

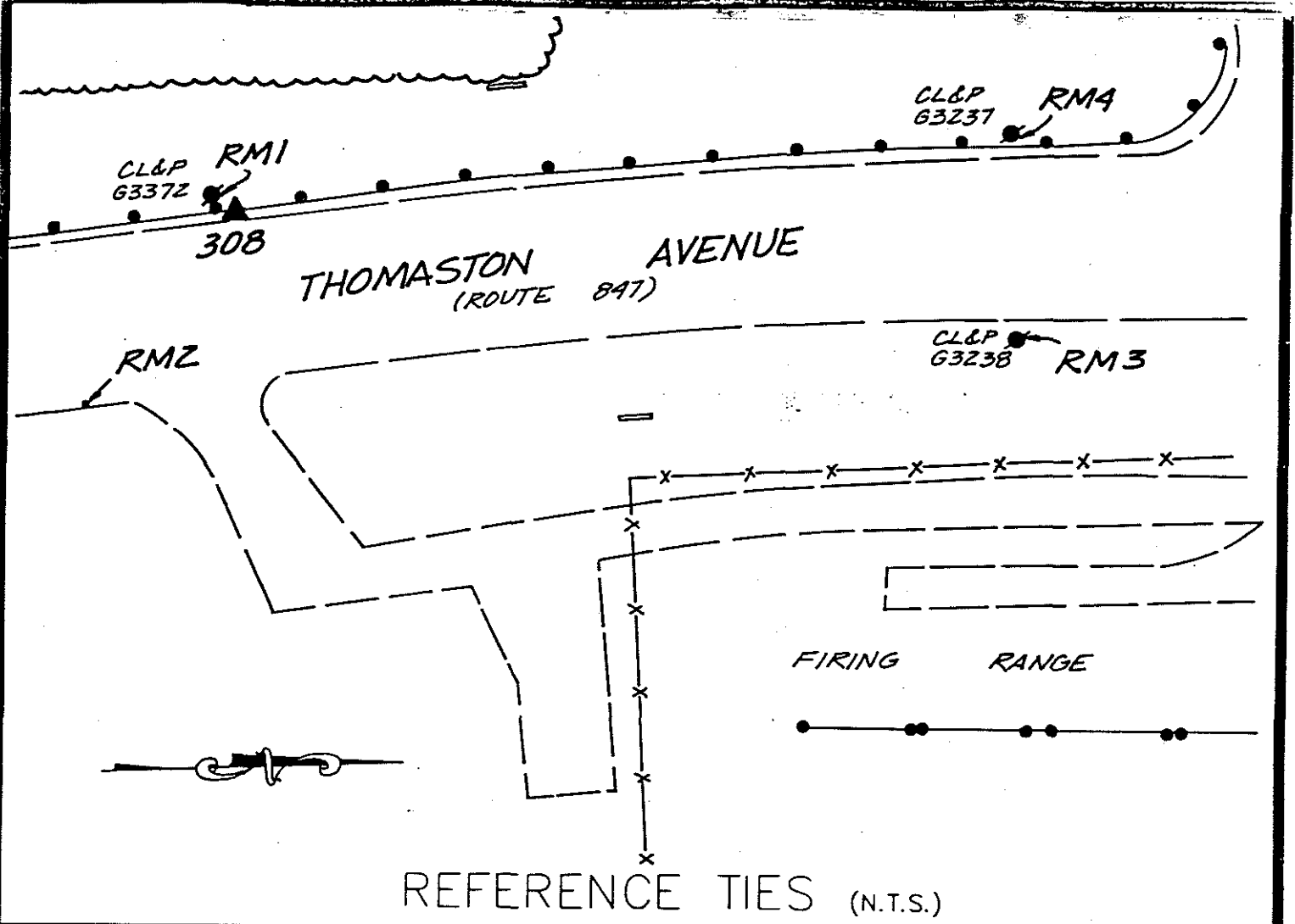
DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-307	682.372	0°-00'-00"	03°-45'-17.2"
CP-309	2299.410	167°-50'-17.3"	171°-35'-34.5"
RM1	3.11	185°-28'-36"	
RM2	60.62	124°-33'-42"	
RM3	189.44	05°-05'-27"	
RM4	185.25	350°-28'-04"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #308: SET ROD MONUMENT, 2' OFF WEST SIDE RTE. 847, 3'± NORTH OF CL&P POLE #G3372, 90'± SOUTH OF CHAIN LINK FENCE, SOUTH SIDE FIRING RANGE

RM1: WEST OF STATION - PK NAIL 3'± UP CL&P POLE #G3372, 3' OFF WEST SIDE RTE #847

RM2: SOUTHEAST OF STATION - PK NAIL IN TOP OF CURB ON EAST SIDE OF RTE. #847, 40'± SOUTH OF CL&P POLE #G3372

RM3: NORTHEAST OF STATION - PK NAIL 4'± UP CL&P POLE #G3238, 3' OFF WEST SIDE OF RTE. #847

RM4: NORTH OF STATION - PK NAIL 4'± UP CL&P POLE #G3237, 5' OFF WEST SIDE OF RTE. #847



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KOTTS LANE NEWINGTON, CT (203) 666-0734

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-308  
 IN THE TOWN OF  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 777,713.237 FEET  
 E. 915,984.520 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-35'-42.38690"  
 LONG. 73°-03'-25.74643"  
 THETA ANGLE - 0°-12'-13.2"

**TYPE OF MARKER**  
 CDOT BRASS PIN

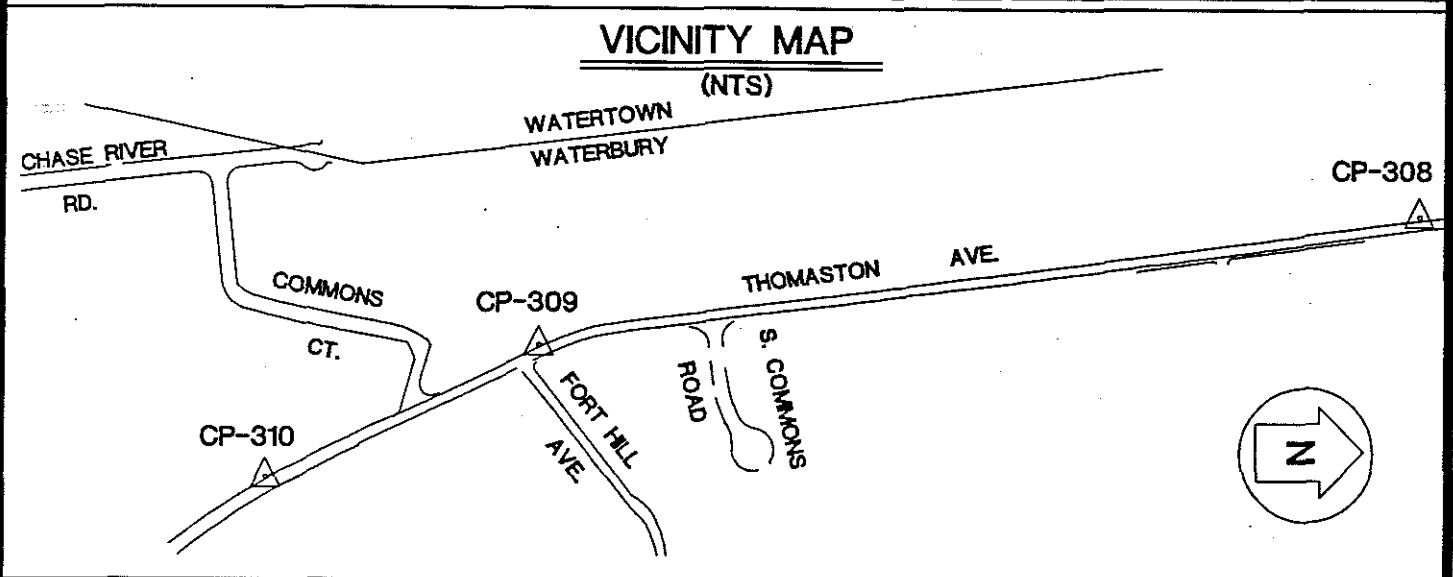
**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

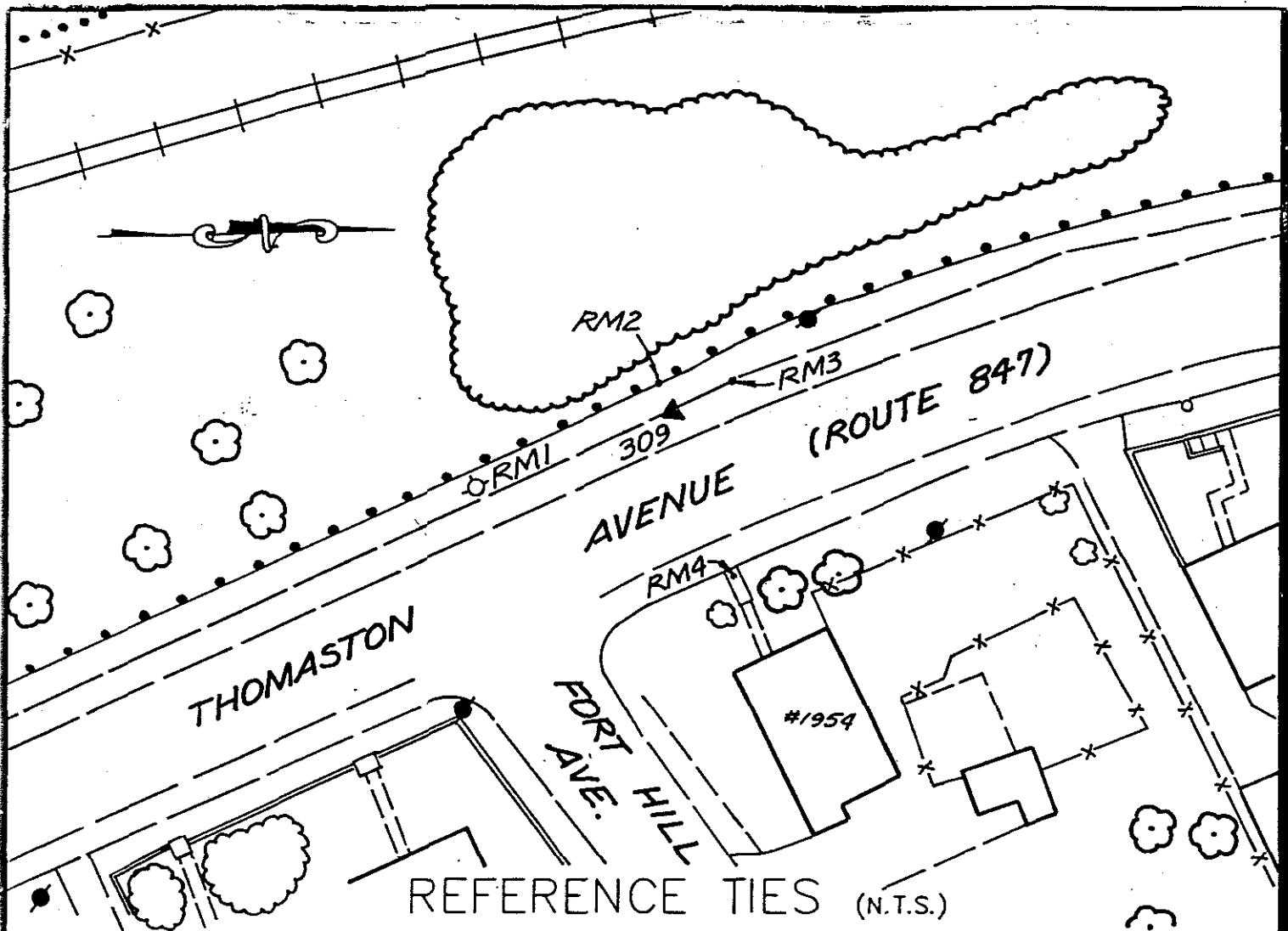
\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-308	2298.410	0°-00'-00"	351°-35'-34.5"
CP-310	778.975	182°-23'-18.6"	153°-58'-53.1"
RM1	51.77	184°-00'-31"	
RM2	7.70	252°-11'-41"	
RM3	16.98	342°-57'-49"	
RM4	43.88	72°-15'-54"	



COMMENTS

STATION #309: A CONNECTICUT D.O.T. BRASS PIN BASE LINE MONUMENT SET IN TOP OF CONCRETE CURB ON WEST SIDE OF RTE. #847, OPPOSITE SIDEWALK LEADING TO HOUSE #1954

RM1: SOUTH OF STATION - TOP OF FIRE HYDRANT ON THE WEST SIDE OF RTE. #847, 1.5' WEST OF CONCRETE CURB AND 66' NORTH OF THE EXTENDED CENTERLINE OF FORT HILL AVE.

RM2: WEST OF STATION - A CHISELLED "+" IN BOTTOM PIPE BETWEEN THE 2ND AND 3RD SUPPORT POSTS OF A 2 1/4" PIPE RAILING ON WEST SIDE OF RTE. #847

RM3: NORTH OF STATION - A DRILL HOLE ON TOP OF CONCRETE CURB ON WEST SIDE OF RTE. #847, ON THE NORTH RANGE LINE OF HOUSE #1954

RM4: EAST OF STATION - A BRASS PIN IN CONCRETE WALK LEADING TO HOUSE #1954, PLUG IS 1.32' SOUTH OF NORTH EDGE OF WALK AND 1.52' EAST OF THE WEST FACE OF THE TOP STEP



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-310

IN THE TOWN OF  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 777,013.210 FEET

E. 916,326.227 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-35'-35.48282"

LONG. 73°-03'-21.21658"

THETA ANGLE - 0°-12'-10.2"

TYPE OF MARKER  
CDOT BRASS PIN

ALSO REFERRED TO AS STATION #

**ELEVATIONS**

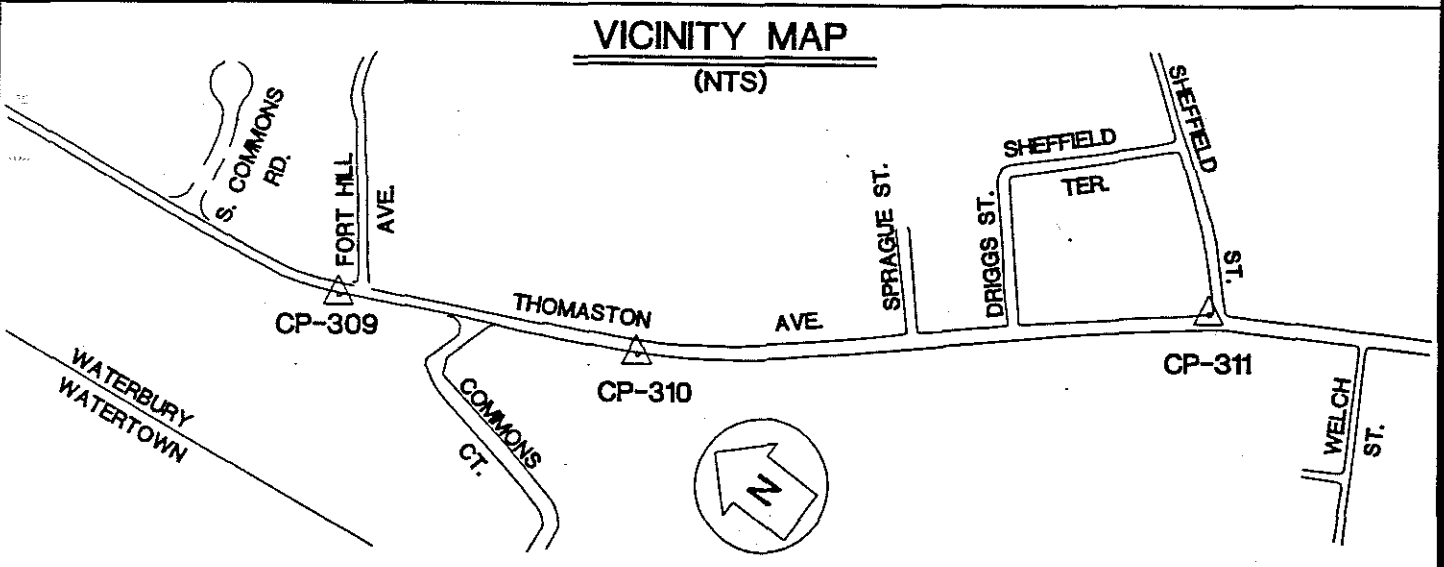
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

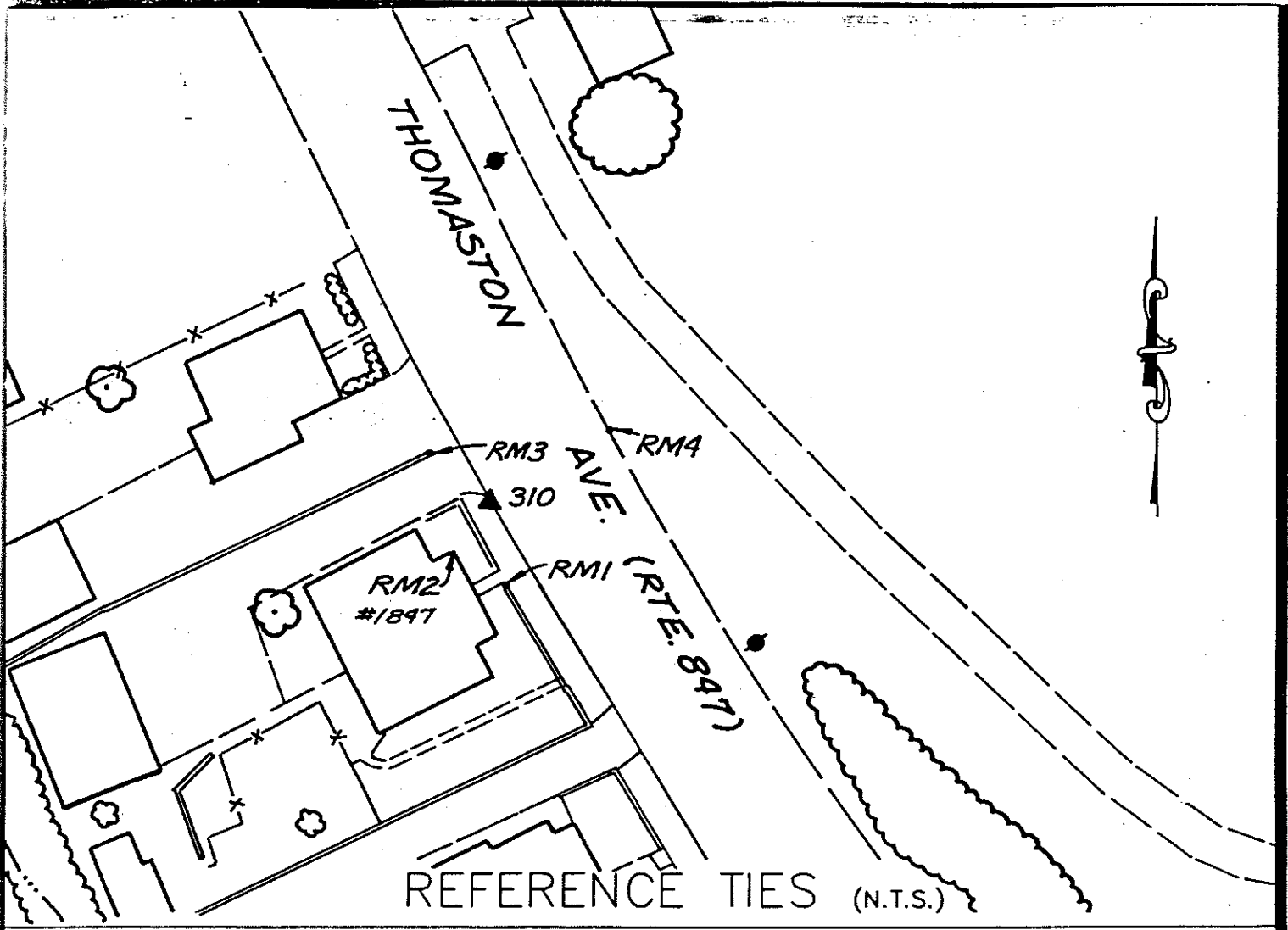
DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-309	778.975	0°-00'-00"	333°-58'-53.1"
CP-311	1478.195	164°-45'-13.7"	138°-44'-06.8"
RM1	19.87	181°-24'-20"	
RM2	12.18	232°-48'-58"	
RM3	17.41	341°-38'-05"	
RM4	38.00	89°-00'-58"	

SEE REVERSE SIDE FOR REFERENCE TIES



COMMENTS

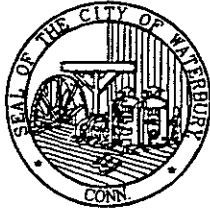
STATION #310: A CONNECTICUT D.O.T. BRASS PIN BASE LINE MONUMENT IN CONCRETE WALK ON THE WEST SIDE OF RTE. #847, 3.6' WEST OF BACK OF CONCRETE CURB AND 1' SOUTH OF THE NORTH RANGE OF HOUSE #1847

RM1: SOUTH OF STATION - CORNER OF CONCRETE IN CONCRETE AND STONE RETAINING WALL ON SOUTH SIDE OF WALK LEADING TO #1847, PT. IS 1.6' ABOVE CONCRETE WALK

RM2: SOUTHWEST OF STATION - NORTHEAST CORNER OF CONCRETE PATIO

RM3: NORTHWEST OF STATION - SOUTHEAST CORNER OF BOTTOM CINDER BLOCK ON THE EAST END OF CINDER BLOCK WALL, 0.2' ABOVE FOUNDATION FOR WALL

RM4: EAST OF STATION - A DRILL HOLE IN TOP OF CONCRETE CURB ON THE EAST SIDE OF RTE. #847 ON THE NORTH RANGE OF HOUSE #1847



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
 CP-311

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 775,902.096 FEET

E. 917,301.155 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-35'-24.53924"

LONG. 73°-03'-08.33465"

THETA ANGLE - 0°-12'-01.6"

**TYPE OF MARKER**  
 BRASS DISK

**ALSO REFERRED TO AS STATION #**  
 CTGS 1521

**ELEVATIONS**

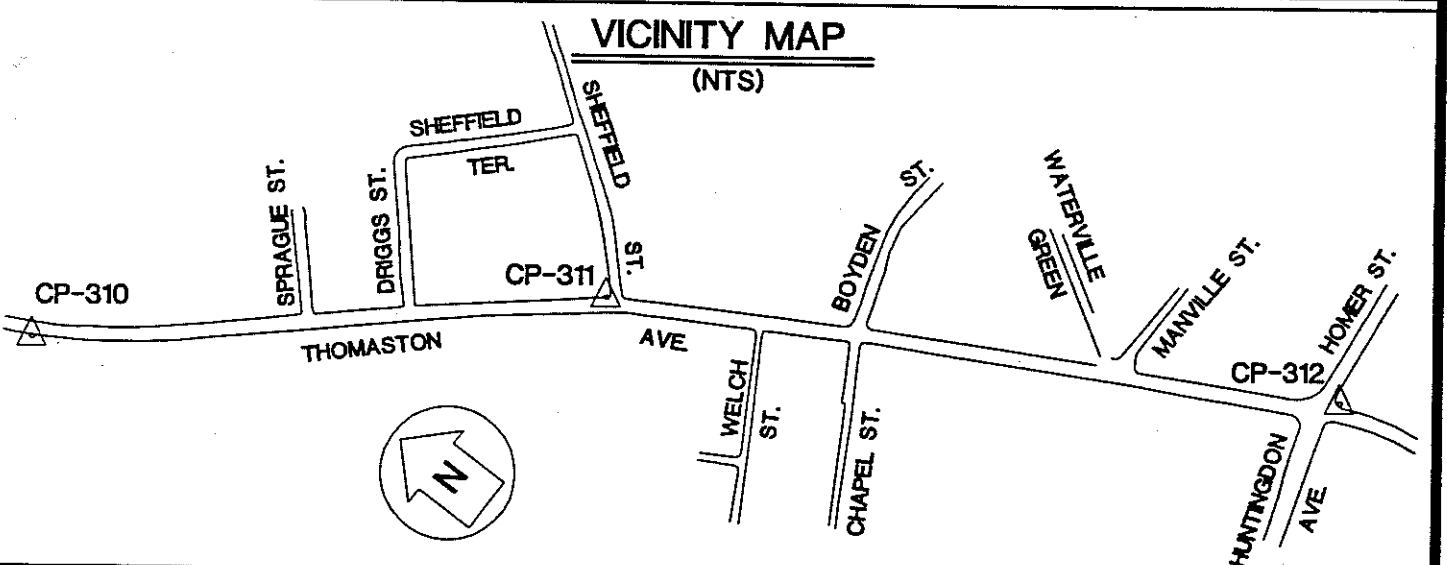
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 (NAVD 88)

DATE \_\_\_\_\_

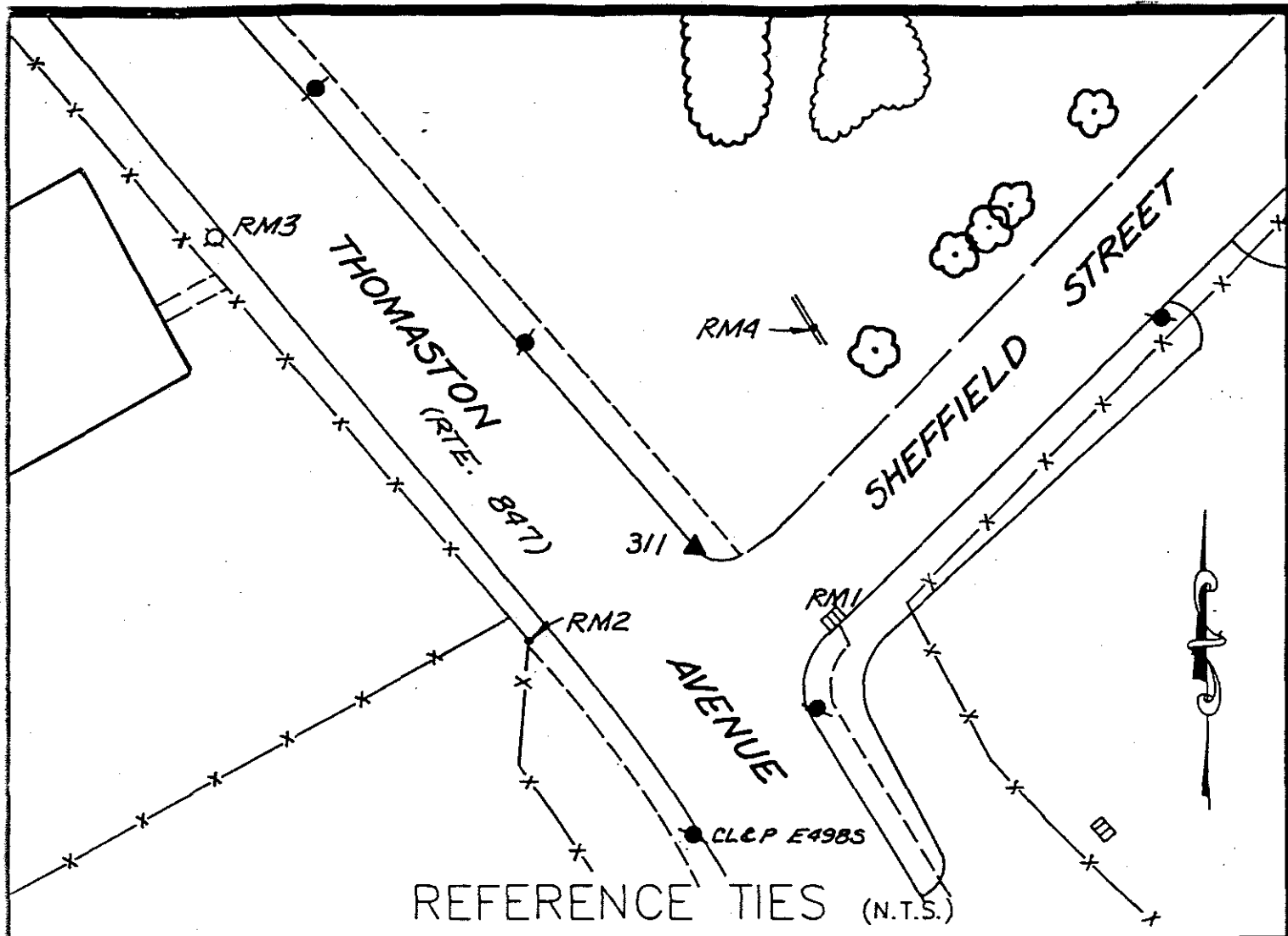
\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-310	1478.195	0°-00'-00"	318°-44'-06.8"
CP-312	1911.554	192°-07'-19.7"	150°-51'-26.5"
RM1	40.92	163°-37'-55"	
RM2	45.63	280°-48'-08"	
RM3	135.34	344°-05'-45"	
RM4	60.57	65°-22'-31"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #311: STATION MARK IS U.S.C. AND G.S. STATE SURVEY BRONZE DISK STAMPED 1521, SET IN THE TOP OF A REINFORCED CONCRETE POST, THE TOP FLUSH WITH CONCRETE SIDEWALK. THE STATION IS ON THE EAST SIDE OF THOMASTON AVE., 1.2 MILES SOUTH OF THE WATERBURY-THOMASTON TOWN LINE. IT IS 20' EAST OF THE CENTERLINE OF THOMASTON AVE. AND 25' NORTH OF THE CENTERLINE OF SHEFFIELD ST.

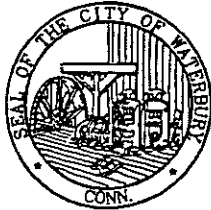
RM1: SOUTHEAST OF STATION A CHISEL CROSS ON CENTERLINE OF METAL CURB OF CATCH BASIN ON SOUTH SIDE OF SHEFFIELD ST.

RM2: SOUTHWEST OF STATION - SOUTHEAST CORNER OF SQUARE STEEL FENCE POST AT ANGLE PT. OF 7' CHAIN LINK FENCE ON WEST SIDE OF RTE. #847. FENCE POST IS 61.5' NORTH OF CL&P POLE #E4985, MEASUREMENT TAKEN 2' ABOVE SIDEWALK ON POST.

RM3: NORTHWEST OF STATION - TOP OF FIRE HYDRANT LOCATED ON WEST SIDE OF RTE. #847, OPPOSITE CL&P POLE #E500.

RM4: NORTHEAST OF STATION - THE IRON PIPE SET IN A MASONRY RETAINING WALL, 47' FROM THE CENTERLINE OF SHEFFIELD AVE., 73' EAST OF THE CENTERLINE OF RTE. #847.





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

76 KITTS LANE NEWINGTON, CT (203) 898-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
E. \_\_\_\_\_ FEET  
DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
LONG. \_\_\_\_\_  
DATE \_\_\_\_\_

**STATION #**

CP-312

IN THE TOWN OF  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 774,232.525 FEET  
E. 918,232.054 FEET  
DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-35'-08.07634"  
LONG. 73°-02'-56.00792"  
THETA ANGLE - 0°-11'-53.5"

**TYPE OF MARKER  
BRASS DISK**

ALSO REFERRED TO AS STATION #  
CTGS 1522

**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)  
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)  
DATE \_\_\_\_\_

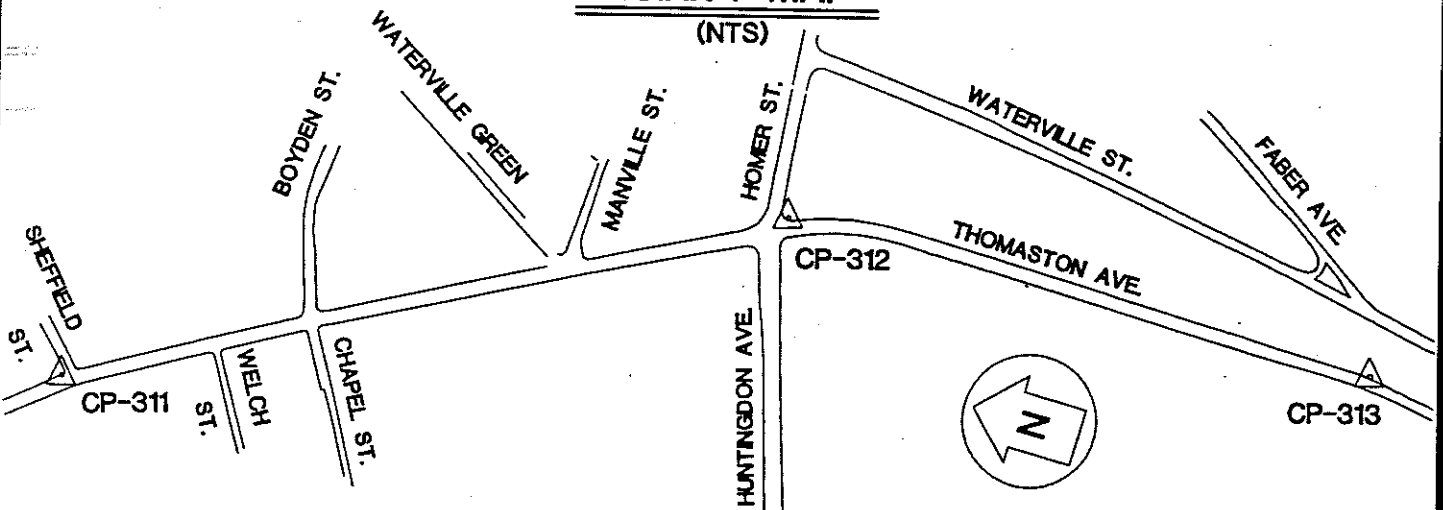
**CONDITION OF STATION**

**BY DATE**

CONDITION OF STATION	BY	DATE

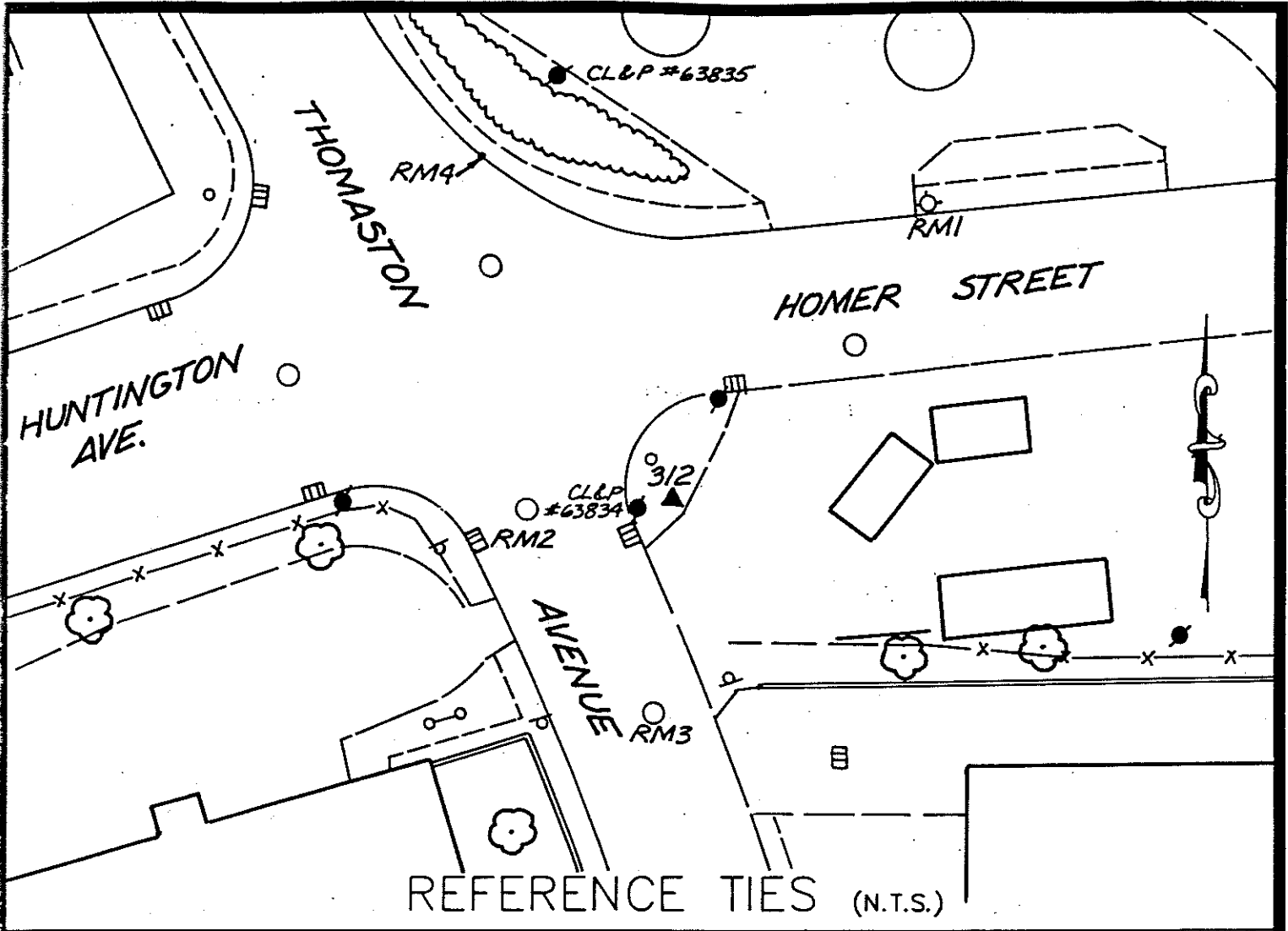
**VICINITY MAP**

(NTS)



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-311	1911.554	0°-00'-00"	330°-51'-26.5"
CP-313	1550.901	207°-25'-24.9"	178°-16'-51.4"
RM1	94.59	73°-54'-21"	
RM2	49.87	281°-28'-26"	
RM3	51.18	212°-46'-46"	
RM4	95.79	359°-05'-16"	

SEE REVERSE SIDE FOR REFERENCE TIES



COMMENTS

STATION #312: STATION MARK IS U.S.C. AND G. S. STATE SURVEY BRONZE DISK STAMPED 1522, SET IN THE TOP OF A REINFORCED CONCRETE POST, THE TOP FLUSH WITH ASPHALT. THE STATION IS ON THE EAST SIDE OF THOMASTON AVE. AND 1.6 MILES SOUTH OF THE THOMASTON-WATERBURY TOWN LINE. IT IS 30' EAST OF THE CENTERLINE OF THOMASTON AVE. AND 40' SOUTH OF THE CENTERLINE OF HOMER ST.

RM1: NORTHEAST OF STATION - A FIRE HYDRANT, 19' NORTHEAST OF THE CENTERLINE OF HOMER ST. AND 30' WEST OF CL&P POLE #E532.

RM2: WEST OF STATION - A DRILL HOLE IN TOP OF CATCH BASIN ON WEST SIDE OF RTE. #847, SOUTH OF HOMES AVE.

RM3: SOUTH OF STATION - THE HOLE IN THE CENTER OF A CAST IRON MANHOLE COVER, 6' EAST OF THE CENTERLINE OF RTE. #847 AND 44' SOUTH OF CONN. CO. POLE #63834.

RM4: NORTHWEST OF STATION - BRASS DISK IN TOP OF CONCRETE CURB ON NORTHEAST CORNER OF RTE. #847 AND HOMER ST. BRASS DISK IS 20' SOUTH OF CL&P POLE #63835. DISK IS CT. D.O.T. BASE LINE PT.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 988-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
 CP-313

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 772,882.322 FEET

E. 918,278.579 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-34'-52.76235"

LONG. 73°-02'-55.32517"

THETA ANGLE - 0°-11'-53.0"

**TYPE OF MARKER**  
 BRASS DISK

**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

CONDITION OF STATION	BY	DATE

**ELEVATIONS**

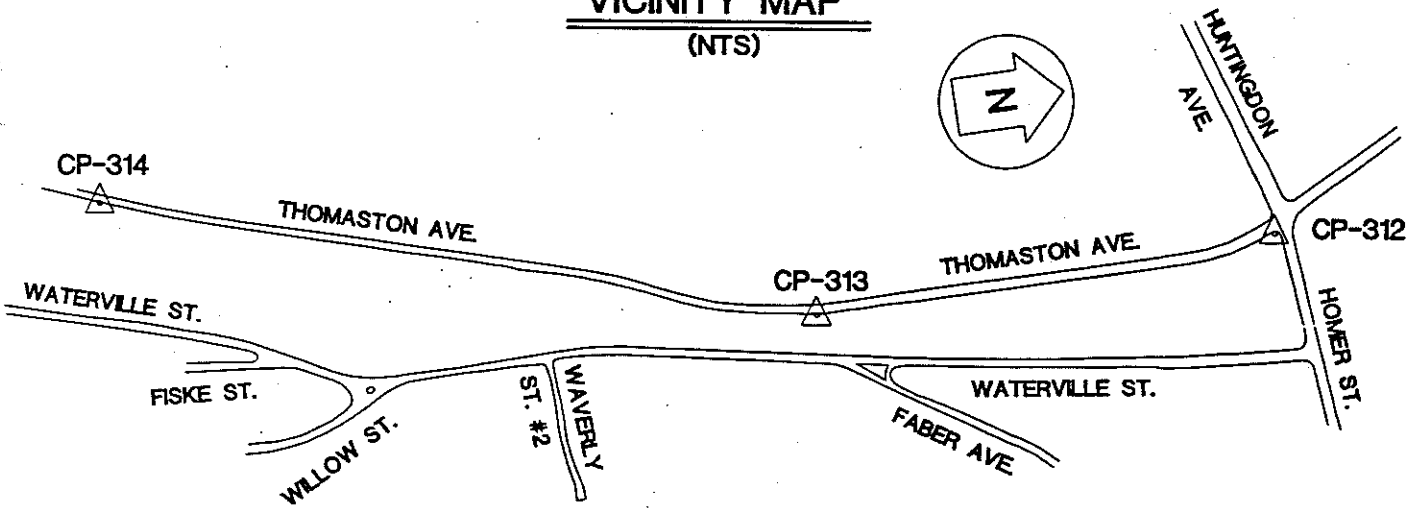
\_\_\_\_\_ FEET  
 (NAVD 88)

DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)

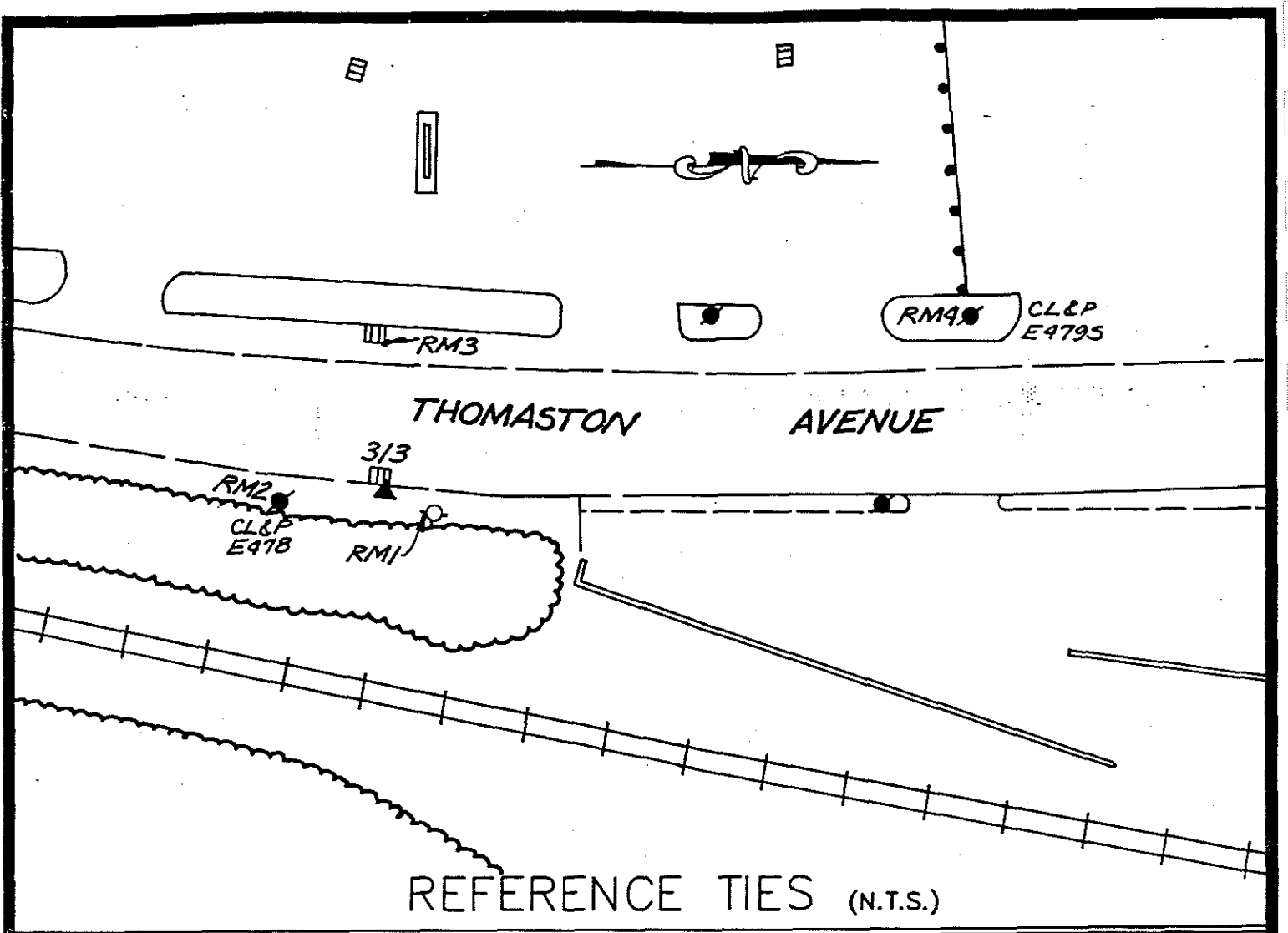
DATE \_\_\_\_\_

### VICINITY MAP (NTS)



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-312	1550.901	0°-00'-00"	358°-18'-51.4"
CP-314	2420.494	198°-55'-54.0"	197°-12'-45.4"
RM1	13.37	12°-10'-51"	
RM2	26.92	183°-35'-57"	
RM3	40.30	269°-50'-21"	
RM4	147.66	344°-28'-25"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

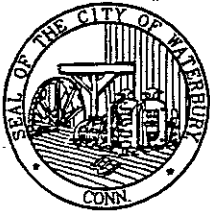
STATION #313: A BRASS DISK IN NORTHWEST CORNER OF HEADWALL OPPOSITE A CATCH BASIN ON THE EAST SIDE OF THOMASTON AVE.

RM1: NORTH OF STATION - A CHISEL CROSS ON THE SOUTH BOLT OF HYDRANT

RM2: SOUTH OF STATION - A PK NAIL 1' UP IN CL&P POLE #E478

RM3: WEST OF STATION - A CHISEL CROSS IN THE NORTHEAST CORNER OF A STEEL CATCH BASIN FRAME

RM4: NORTHWEST OF STATION - A PK NAIL IN THE CL&P POLE #E479S



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 886-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
E. \_\_\_\_\_ FEET  
DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
LONG. \_\_\_\_\_  
DATE \_\_\_\_\_

**STATION #**  
CP-314

IN THE TOWN OF  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 770,370.234 FEET  
E. 917,562.311 FEET  
DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-34'-29.89496"  
LONG. 73°-03'-04.64399"  
THETA ANGLE - 0°-11'-59.2"

TYPE OF MARKER  
BRASS DISK

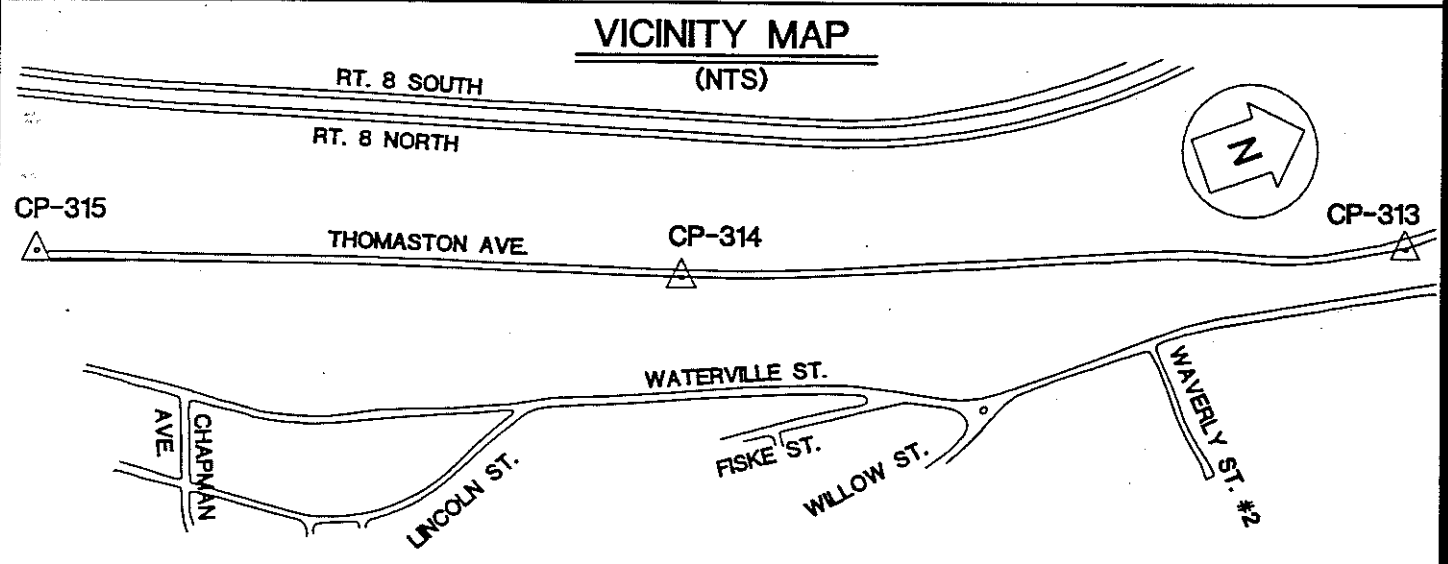
ALSO REFERRED TO AS STATION # \_\_\_\_\_

CONDITION OF STATION	BY	DATE

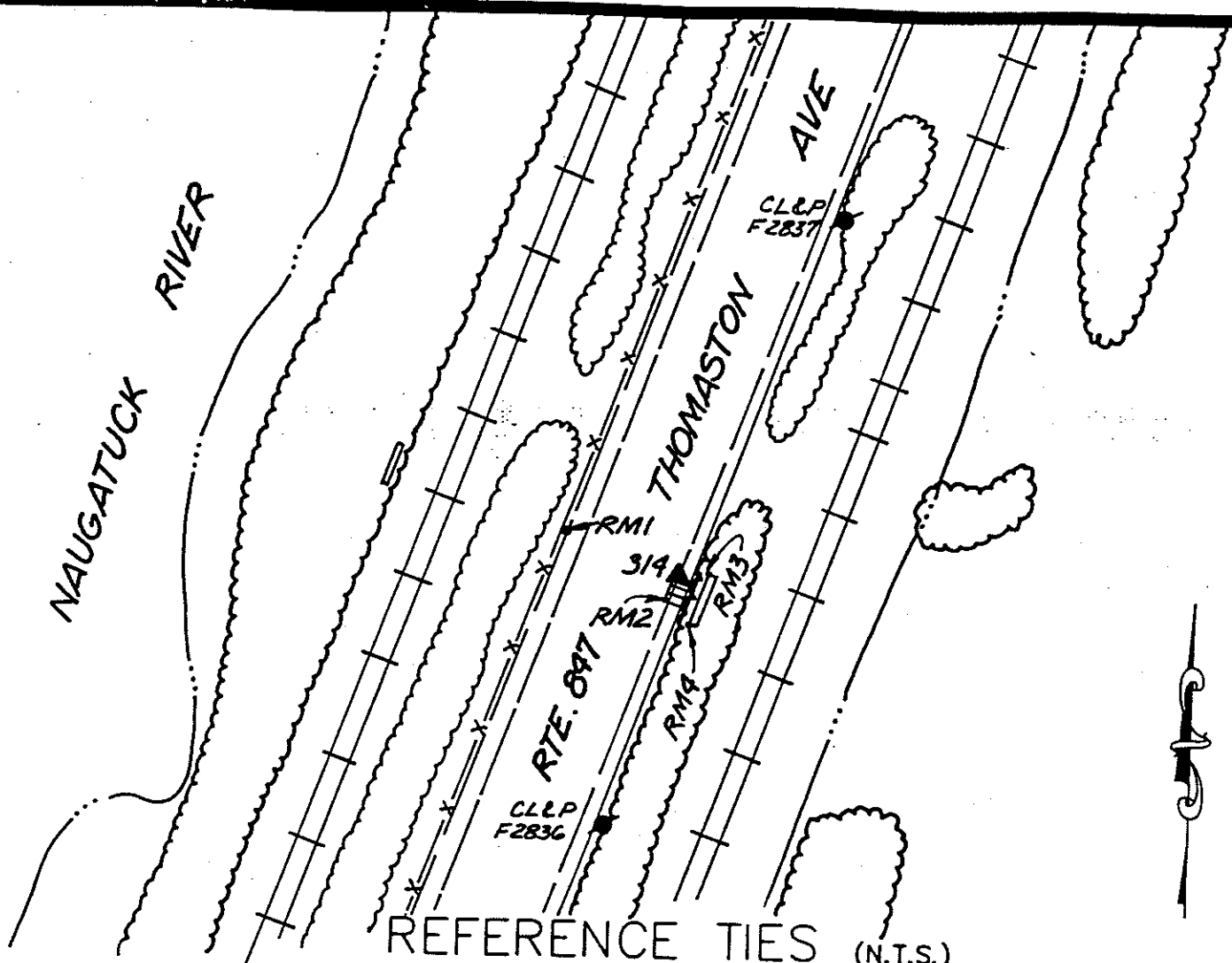
**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)  
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)  
DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-313	2420.494	0°-00'-00"	17°-12'-45.4"
CP-315	2157.171	184°-35'-40.4"	201°-48'-25.7"
RM1	29.93	276°-11'-57"	
RM2	3.36	175°-50'-35"	
RM3	6.95	32°-21'-44"	
RM4	9.92	162°-31'-39"	



REFERENCE TIES (N.T.S.)

COMMENTS

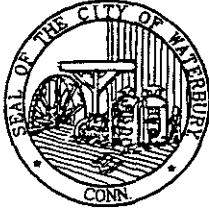
STATION #314: A BRASS DISK IN THE NORTHWEST CORNER OF A CATCH BASIN OPPOSITE THE HEADWALL AND 60'± NORTH OF CL&P POLE #F2836 ON THE EAST SIDE OF THOMASTON AVE.

RM1: WEST OF STATION - A PK NAIL IN EDGE OF BIT. OPPOSITE WOOD GUARD RAIL POST

RM2: SOUTH OF STATION - A CHISEL CROSS IN THE SOUTHWEST CORNER OF THE STEEL FRAME OF A CATCH BASIN

RM3: NORTHEAST OF STATION - A 3/8" DRILL HOLE IN THE N.W. CORNER TOP OF CONCRETE HEADWALL

RM4: SOUTHEAST OF STATION - A 3/8" DRILL HOLE IN THE SOUTHWEST CORNER TOP OF CONCRETE HEADWALL



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-315

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 768,367.431 FEET  
 E. 916,760.957 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-34'-10.08004"  
 LONG. 73°-03'-15.09466"  
 THETA ANGLE - 0°-12'-06.1"

**TYPE OF MARKER**  
 CDOT BASELINE MON.

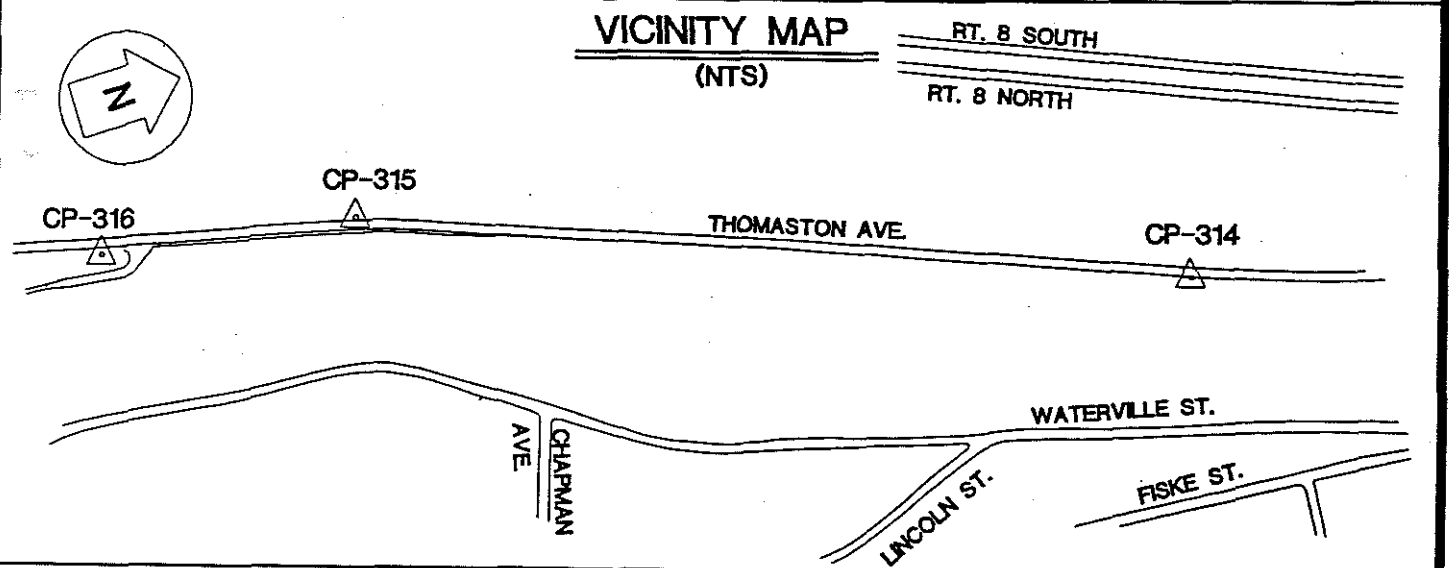
**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

CONDITION OF STATION	BY	DATE

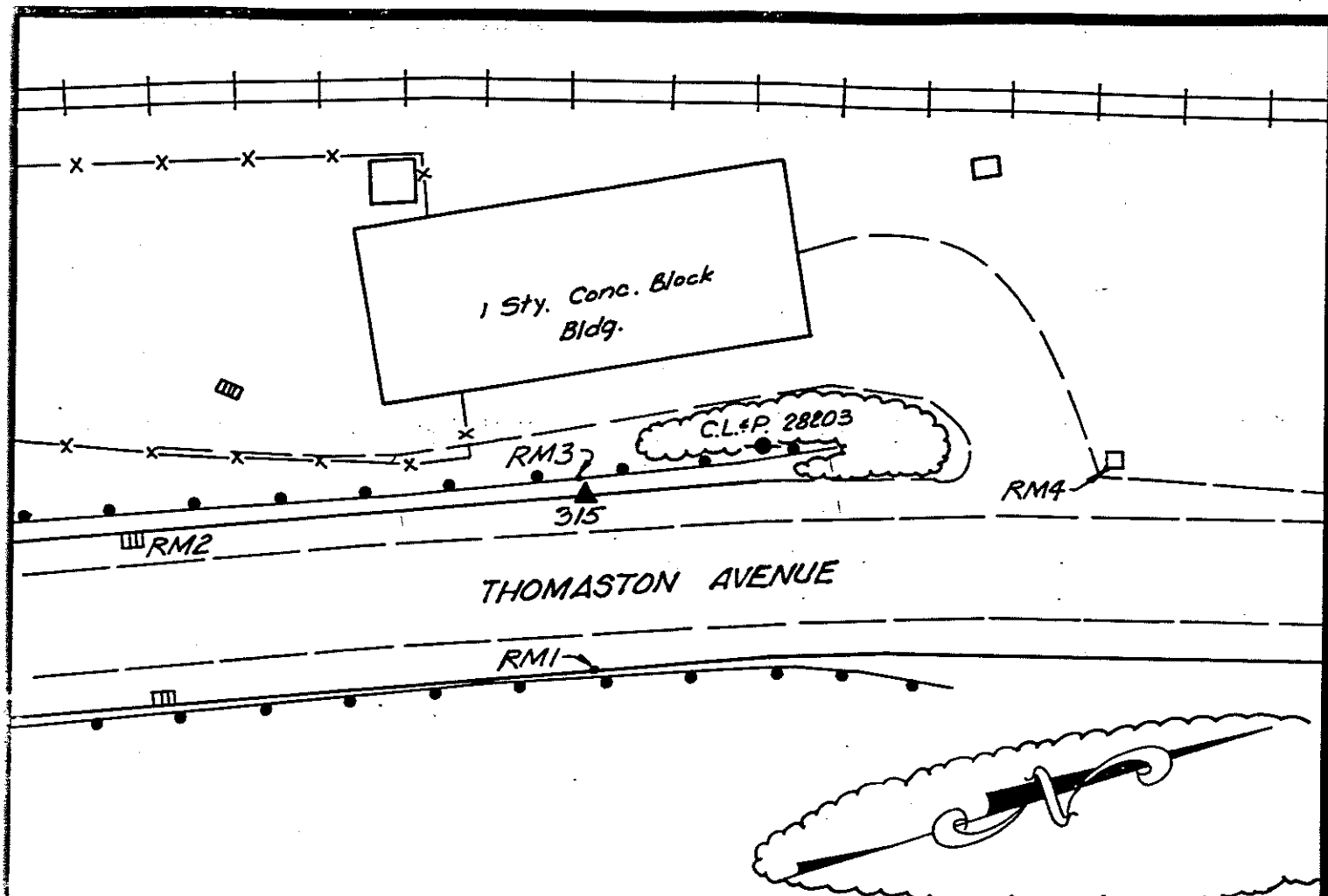
**ELEVATIONS**

\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-314	2157.171	0°-00'-00"	21°-48'-25.7"
CP-316	857.187	187°-34'-52.8"	189°-23'-18.5"
RM1	40.19	84°-46'-15"	
RM2	112.23	172°-33'-13"	
RM3	5.16	261°-19'-21"	
RM4	113.00	348°-24'-34"	



REFERENCE TIES (N.T.S.)

#315

COMMENTS

STATION #315: A CONNECTICUT D.O.T. BASE LINE PT. (R.R. SPIKE) LOCATED AT THE WEST SIDE OF THOMASTON AVE., 2" BELOW SURFACE OF THE ROAD, 58' SOUTH OF NORTH RANGE OF BUILDING

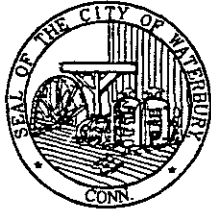
RM1: EAST OF STATION - A PK NAIL IN TOP OF BIT. CURB ON WEST SIDE OF RTE. #847

RM2: SOUTH OF STATION - A DRILL HOLE ON CURB LINE AT CENTERLINE OF CATCH BASIN ON WEST SIDE OF RTE. #847

RM3: WEST OF STATION - A PK NAIL IN ASPHALT UNDER GUIDE RAIL ON WEST SIDE OF RTE. #847, 43' NORTH OF SOUTH RANGE OF BUILDING

RM4: NORTH OF STATION - A "+" ON TOP OF THE SOUTHEAST BOLT ON A BASE OF SIG. SIGN IS 64' NORTH OF NORTH RANGE OF BUILDING AND 40' EAST OF EAST RANGE OF BUILDING





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 966-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-316

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 767,719.067 FEET

E. 916,653.755 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-34'-03.67084"

LONG. 73°-03'-16.47494"

THETA ANGLE - 0°-12'-07.0"

**TYPE OF MARKER**  
CDOT BASELINE MON.

**ALSO REFERRED TO AS STATION #**  
RAN C3337

CONDITION OF STATION	BY	DATE

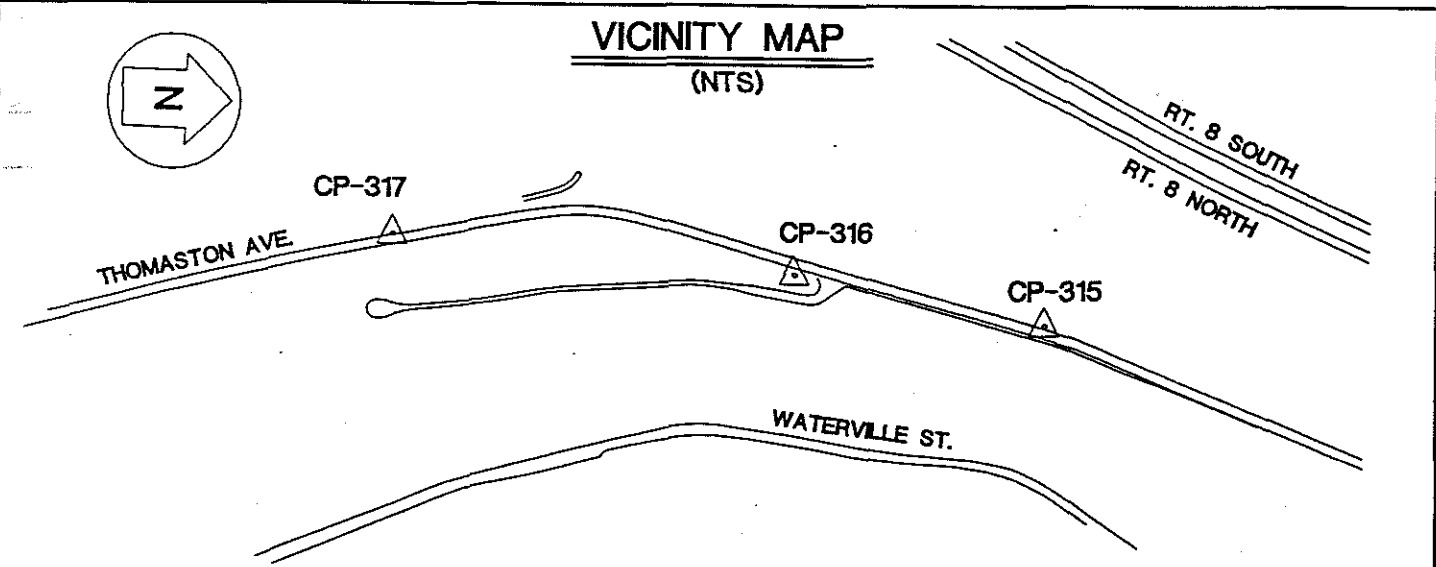
**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

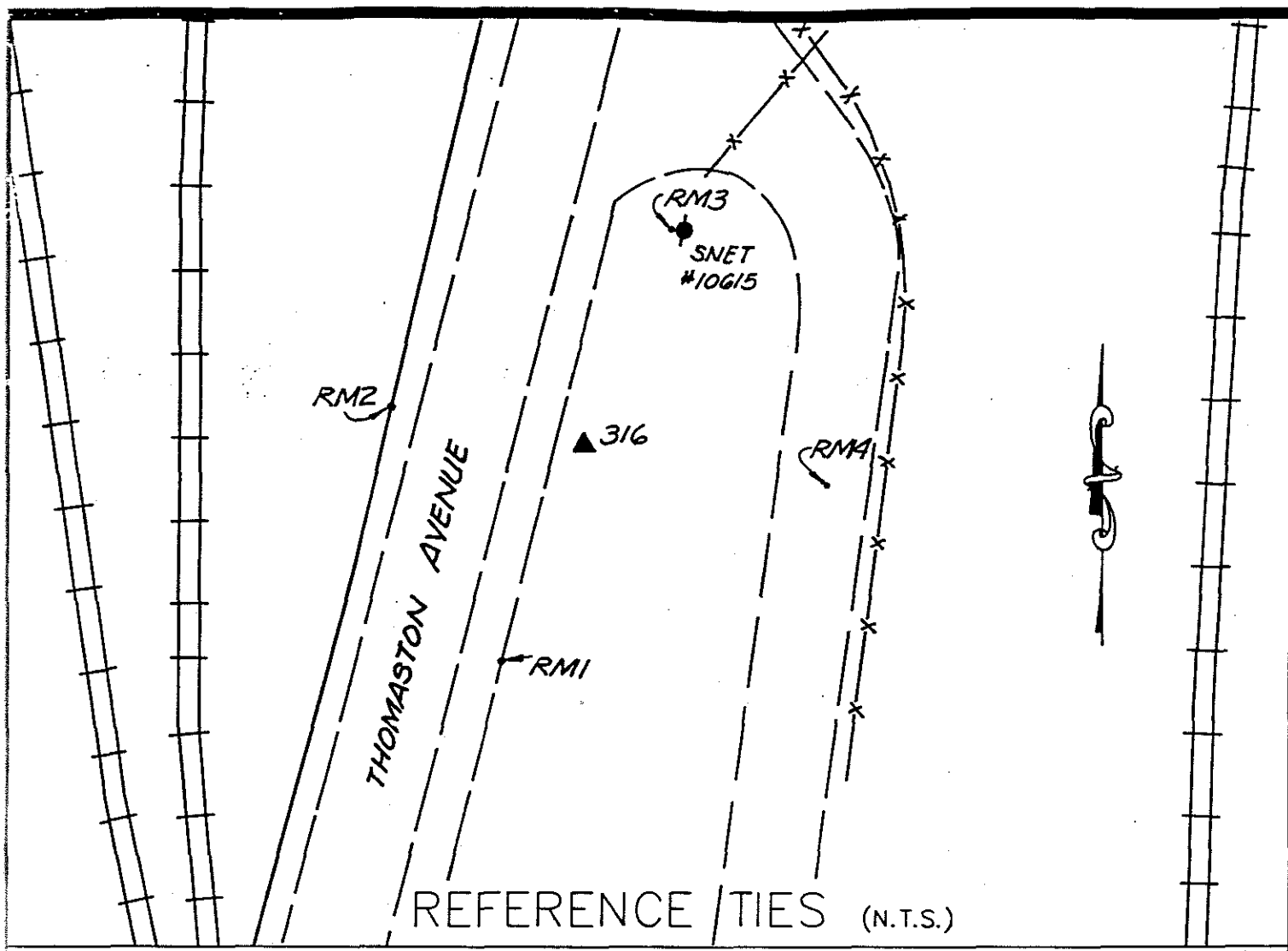
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-315	657.167	0°-00'-00"	09°-23'-18.5"
CP-317	1042.555	174°-12'-41.8"	183°-36'-00.3"
RM1	55.83	191°-28'-50"	
RM2	48.45	277°-12'-44"	
RM3	56.05	11°-01'-51"	
RM4	59.49	97°-02'-12"	

SEE REVERSE SIDE FOR REFERENCE TIES



COMMENTS

STATION #316: STATION IS A CONN. D.O.T. MONUMENT, 102' SOUTH OF CENTERLINE OF BIT. DRIVE, 4' WEST OF GUARD RAIL ON EAST SIDE OF THOMASTON AVE.

RM1: SOUTH OF STATION - PK NAIL IN TOP OF BIT. CURB ON EAST SIDE OF RTE. 847, 87'± NORTH OF EAST BRIDGE ABUTMENT

RM2: WEST OF STATION - DRILL HOLE IN TOP OF GRANITE CURB ON WEST SIDE OF RTE. 847

RM3: NORTH OF STATION - PK NAIL IN ASPHALT, 3.0' WEST OF SNET CO. POLE #10615

RM4: EAST OF STATION - R.R. SPIKE IN CENTERLINE OF BIT. DRIVE, 71'± SOUTH OF SNET CO. POLE #10615



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-317

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 766,678.569 FEET

E. 916,588.291 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-53.38850"

LONG. 73°-03'-17.28787"

THETA ANGLE - 0°-12'-07.6"

**TYPE OF MARKER**  
CDOT BASELINE MON.

**ALSO REFERRED TO AS STATION #**  
RAN C3335

**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

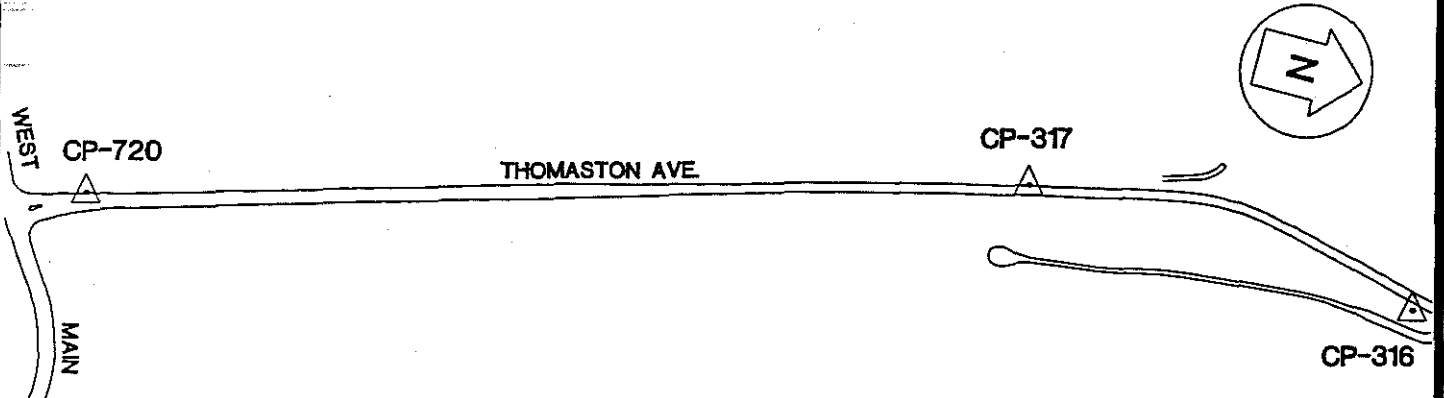
DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

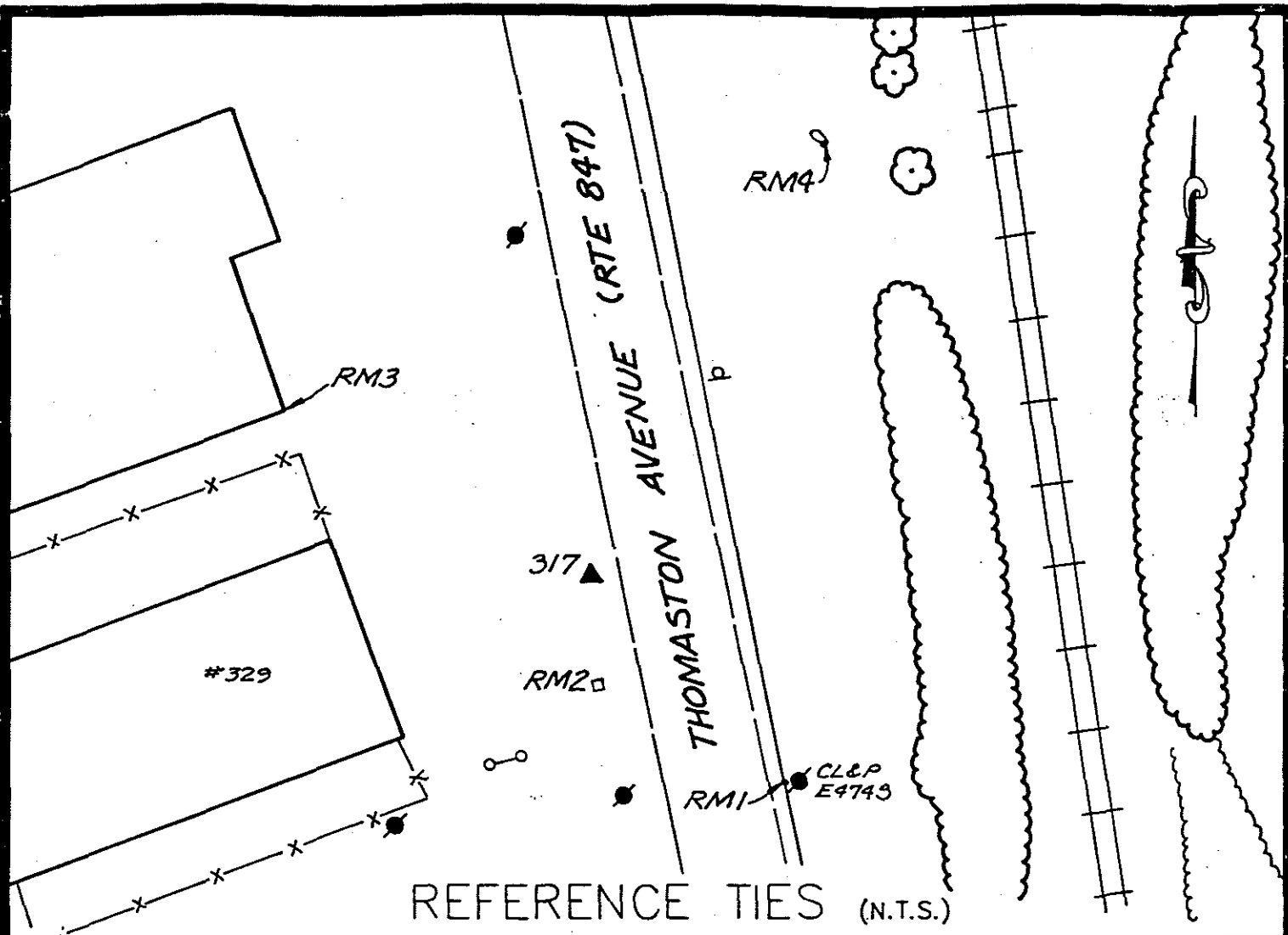
DATE \_\_\_\_\_

### VICINITY MAP (NTS)



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-316	1042.555	0°-00'-00"	03°-36'-00.3"
CP-720	2432.742	161°-21'-25.5"	164°-57'-25.8"
RM1	78.88	140°-06'-43"	
RM2	54.77	203°-42'-08"	
RM3	79.25	285°-01'-34"	
RM4	68.12	42°-01'-04"	

SEE REVERSE SIDE FOR REFERENCE TIES



COMMENTS

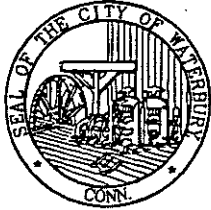
STATION #317: A CONNECTICUT D.O.T. BRASS DISK STAMPED C-3335 AND SET IN THE TOP OF A REINFORCED CONCRETE POST, SET EAST OF BIT. ISLAND, 2" BELOW BIT. SURFACE ON THE WEST SIDE OF THOMASTON AVE.

RM1: SOUTHEAST OF STATION - A PK NAIL ON TOP OF A CURB ON EAST SIDE OF THOMASTON AVE., 1.9' WEST OF CL&P ANCHOR POLE #E474S

RM2; SOUTH OF STATION - A CONNECTICUT D.O.T. BOUNDARY DISK SET IN THE TOP OF A REINFORCED CONCRETE POST, 1" BELOW THE SURFACE OF THE BIT. PARKING LOT, 1.7' SOUTH OF THE SOUTH RANGE OF A 1-STORY BRICK BUILDING #329 THOMASTON AVE.

RM3: NORTHWEST OF STATION - SOUTHEAST CORNER OF A 2-STORY BLOCK BUILDING, 5TH BLOCK UP FROM FOUNDATION

RM4: NORTHEAST OF STATION - A DRILL HOLE ON THE SOUTH SIDE OF 1' X 3' ROCK OUTCROP, 14' SOUTH OF SOUTH RANGE OF 2-STORY BLOCK BUILDING AND EAST OF CENTERLINE OF THOMASTON AVE.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KITTS LANE NEWINGTON, CT (203) 966-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-400

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 774,400.456 FEET

E. 910,368.011 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-35'-09.45378"

LONG. 73°-04'-39.50056"

THETA ANGLE - 0°-13'-02.1"

**TYPE OF MARKER**  
CITY ROD MON.

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

**ELEVATIONS**

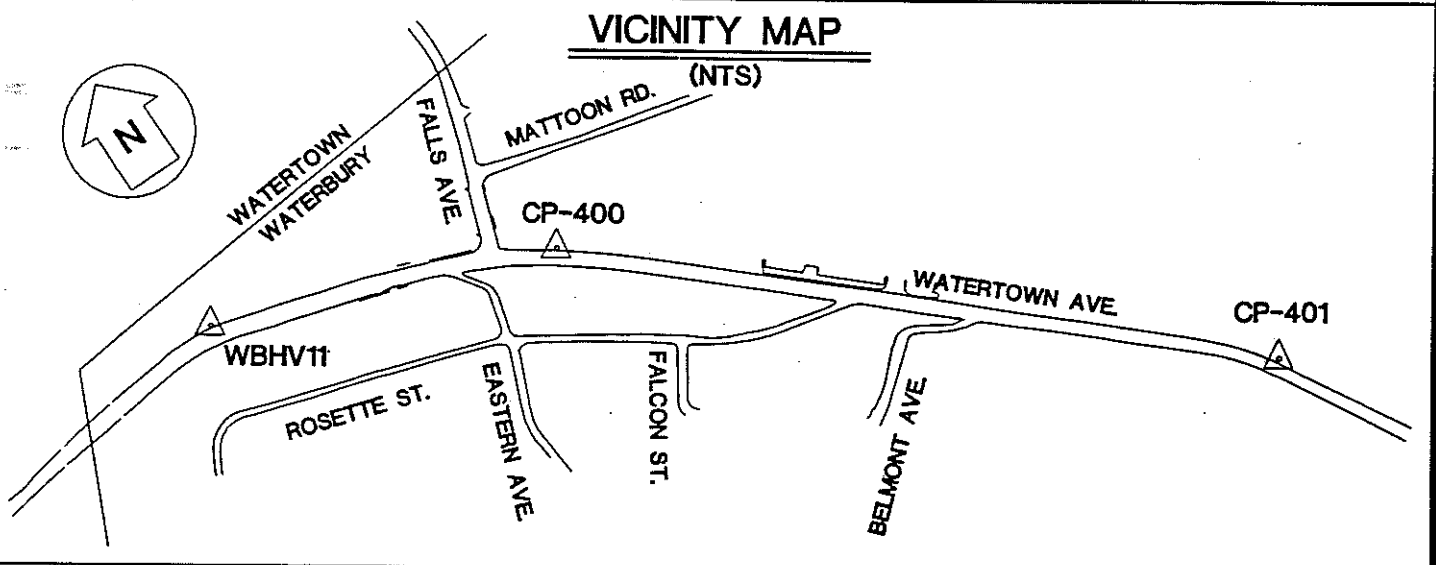
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

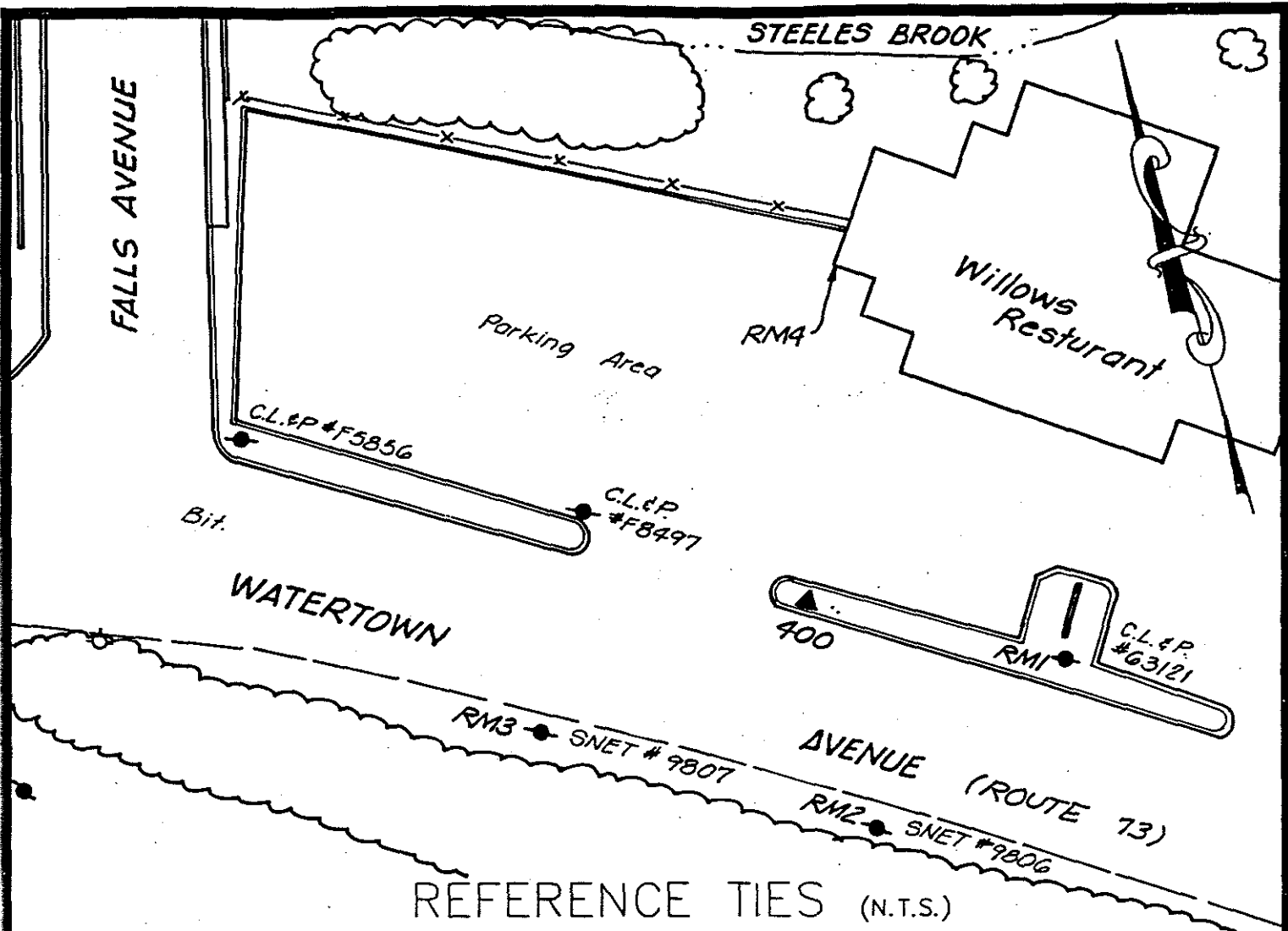
DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
WBHV11	909.33	0°-00'-00"	291°-20'-04.1"
CP-401	1884.087	201°-25'-10.3"	132°-45'-14.4"
RM1	63.99	195°-37'-38"	
RM2	57.88	253°-51'-34"	
RM3	71.13	330°-50'-48"	
RM4	77.98	92°-19'-45"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

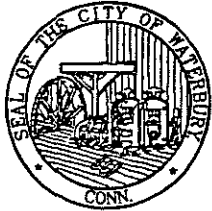
STATION #400: SET ROD MONUMENT ON EAST SIDE OF WATERTOWN AVE., 2' EAST OF BIT. CURB

RM1: EAST OF STATION - A PK NAIL 2'± UP IN CL&P POLE #63121, EAST OF CENTERLINE OF ROAD

RM2: SOUTH OF STATION - A PK NAIL 2'± UP IN SNET CO. POLE #9806, WEST OF CENTERLINE OF ROAD

RM3: WEST OF STATION - A PK NAIL 2'± UP IN SNET CO. POLE #9807, WEST OF CENTERLINE OF ROAD

RM4: NORTHEAST OF STATION - NORTHWEST CORNER OF BUILDING, MEASUREMENT TAKEN 3' FROM GROUND, CORNER IS ALUMINUM SIDING



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
78 KITTS LANE NEWINGTON, CT (203) 888-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-401

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 773,121,440 FEET

E. 911,751,449 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-34'-56.86889"

LONG. 73°-04'-21.23273"

THETA ANGLE - 0°-12'-50.0"

**TYPE OF MARKER**  
CITY ROD MON.

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

CONDITION OF STATION	BY	DATE

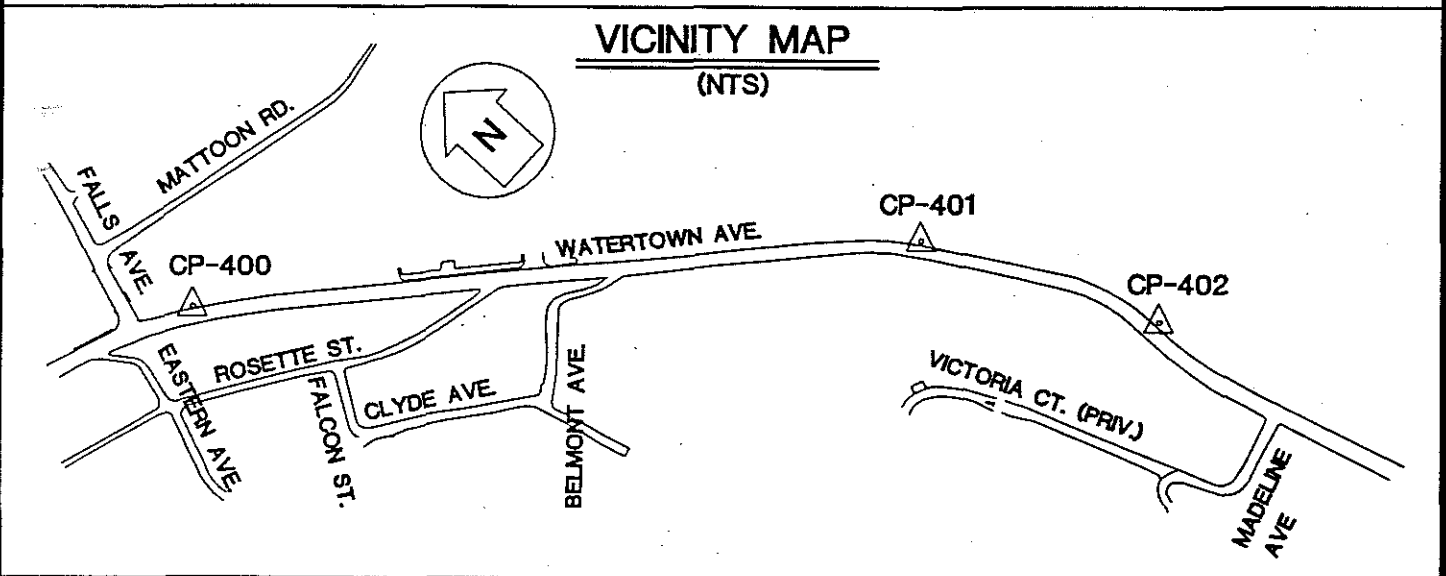
**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

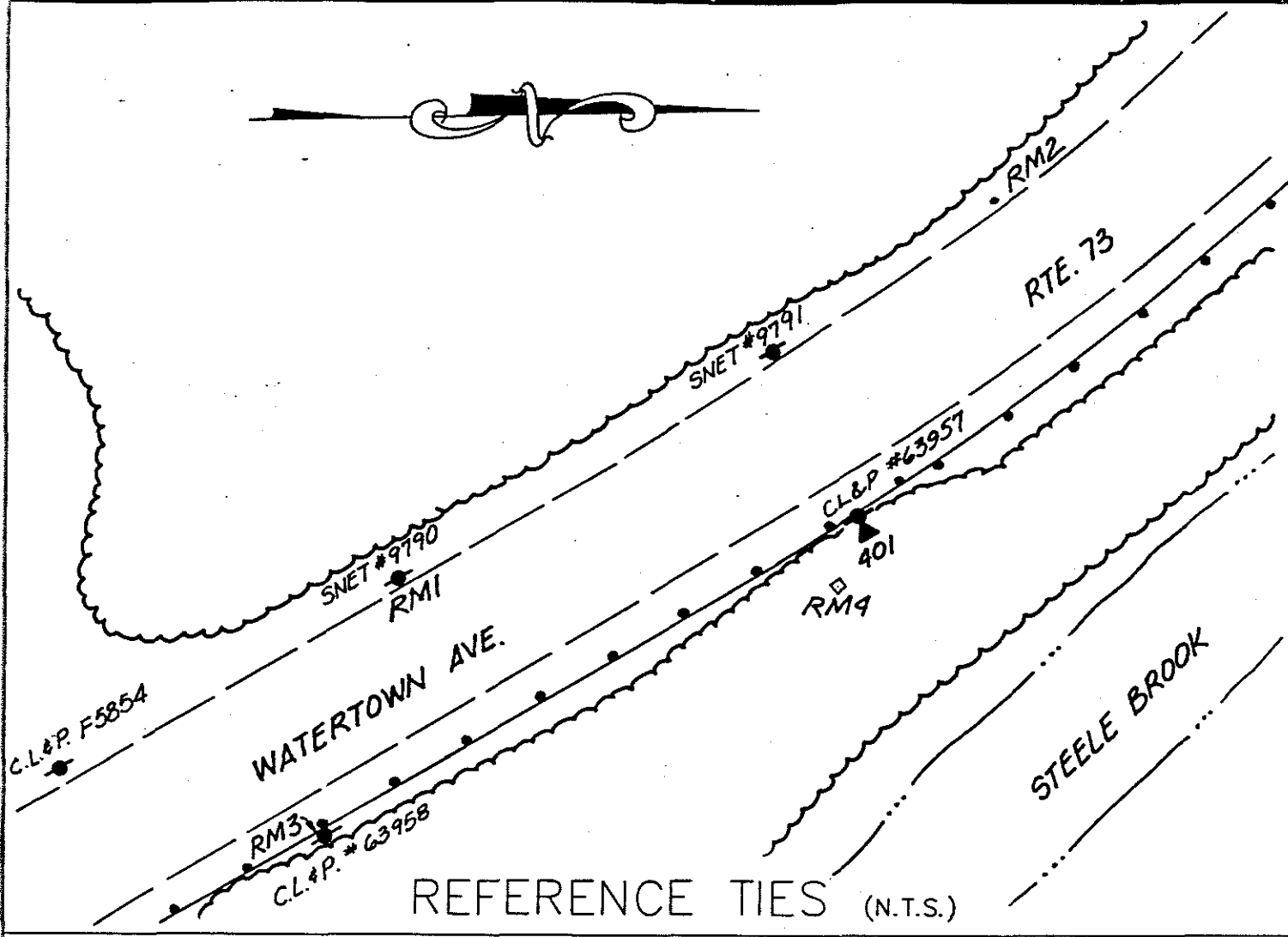
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-400	1884.087	0°-00'-00"	312°-45'-14.4"
CP-402	646.724	204°-21'-38.0"	157°-06'-50.4"
RM1	110.57	221°-08'-40"	
RM2	82.12	338°-51'-20"	
RM3	147.23	197°-53'-31"	
RM4	13.84	158°-51'-48"	

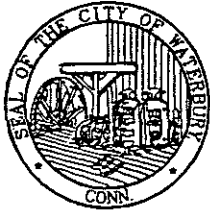


REFERENCE TIES (N.T.S.)

COMMENTS

- STATION #401: SET ROD MONUMENT 3' EAST OF CL&P POLE #63957 ON EAST SIDE OF WATERTOWN AVE.
- RM1: SOUTH OF STATION - A PK NAIL 2'± UP IN SNET CO. POLE #9790, WEST OF CENTERLINE OF ROAD
- RM2: NORTHWEST OF STATION - A 3/8" DRILL HOLE IN A ROCK LEDGE, 65' NORTH OF SNET CO. POLE #9791
- RM3: SOUTHEAST OF STATION - A PK NAIL 2'± UP IN CL&P POLE #63958, EAST OF CENTERLINE OF ROAD
- RM4: EAST OF STATION - CHD MONUMENT ON EAST SIDE OF WATERTOWN AVE., 13' EAST OF EDGE OF ROAD





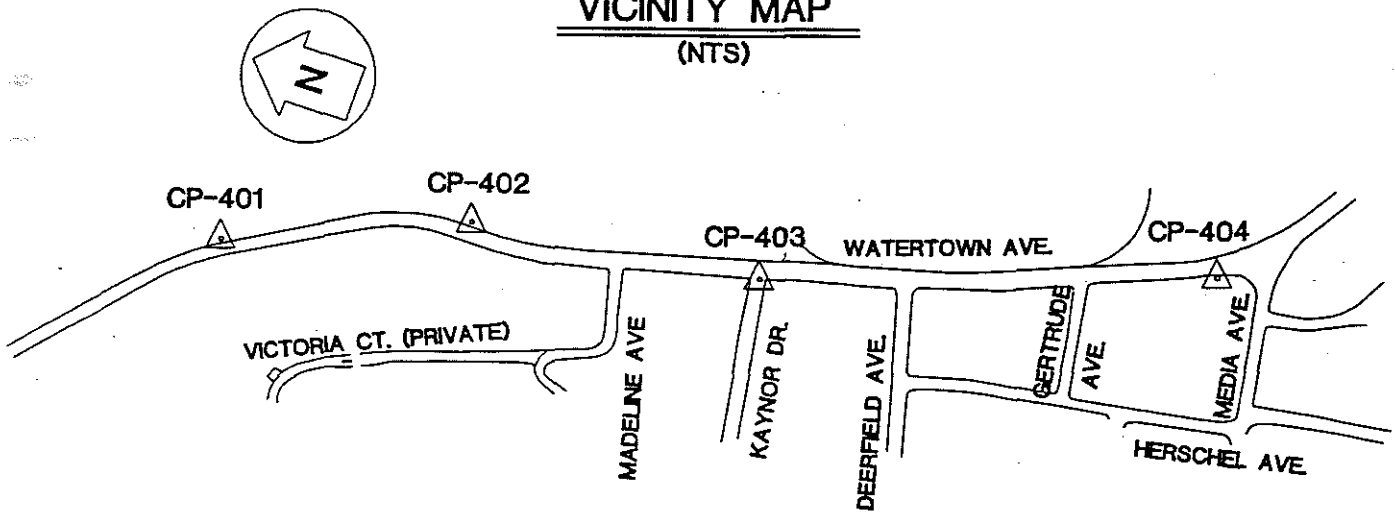
# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 866-0134

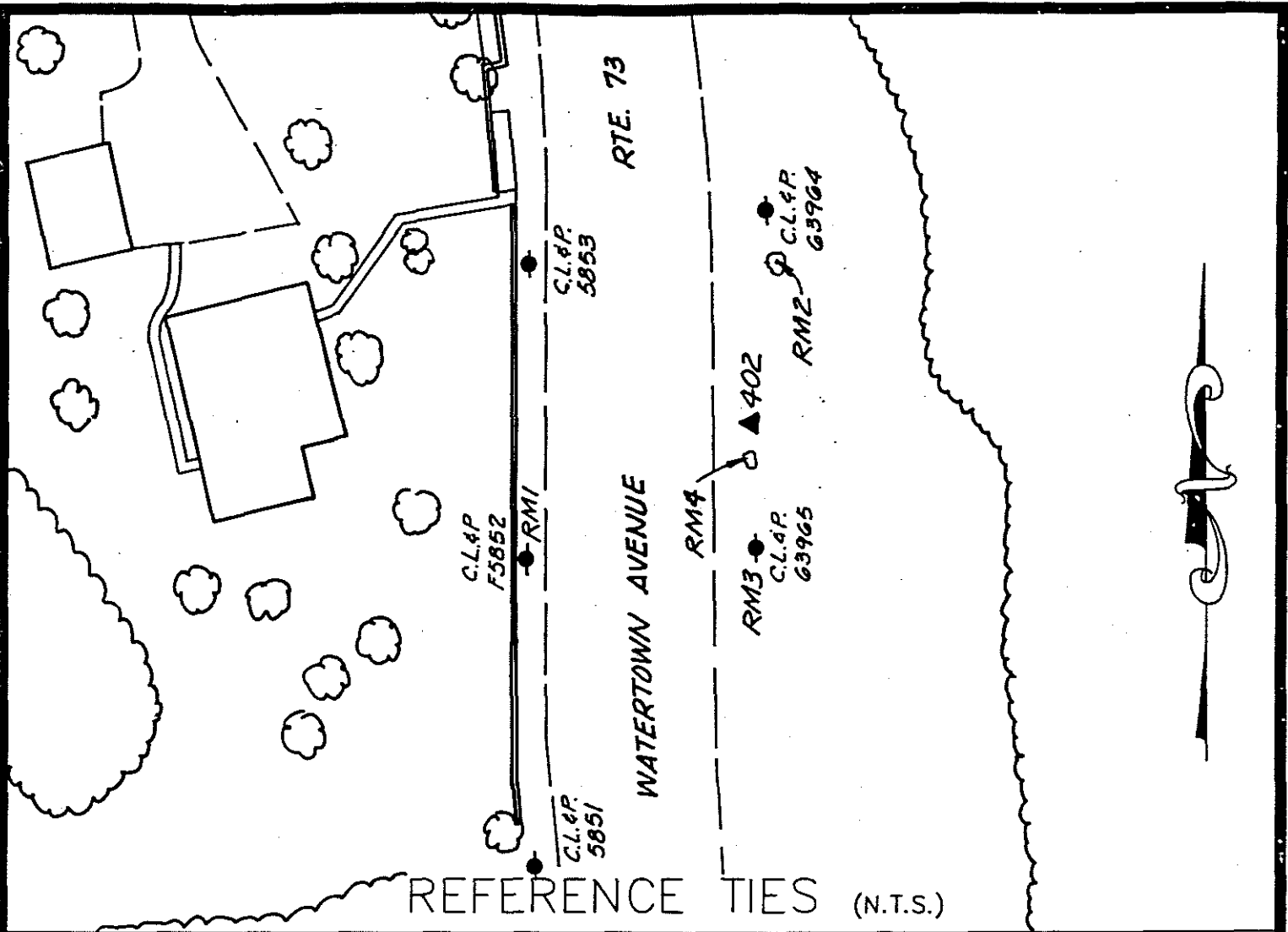
<b>STATE PLANE COORDS</b> (NAD '83 PRELIMINARY) N. _____ FEET E. _____ FEET DATE _____	<b>GEOGRAPHIC POSITION</b> (NAD '83 PRELIMINARY) LAT. _____ LONG. _____ DATE _____	<b>STATION #</b> CP-402  IN THE TOWN OF WATERBURY																					
<b>STATE PLANE COORDS</b> (NAD '83 FINAL) N. <u>772,525.626</u> FEET E. <u>912,002.859</u> FEET DATE <u>6 - 15 - 93</u>	<b>GEOGRAPHIC POSITION</b> (NAD '83 FINAL) LAT. <u>41°-34'-50.99168"</u> LONG. <u>73°-04'-17.89404"</u> THETA ANGLE <u>- 0°-12'-47.8"</u>	TYPE OF MARKER CHD MON.  ALSO REFERRED TO AS STATION # _____																					
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">CONDITION OF STATION</th> <th style="width: 20%;">BY</th> <th style="width: 30%;">DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>		CONDITION OF STATION	BY	DATE																			<b>ELEVATIONS</b>  _____ FEET (NAVD 88) DATE _____  _____ FEET (CITY OF WATERBURY DATUM) DATE _____
CONDITION OF STATION	BY	DATE																					

## VICINITY MAP (NTS)



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-401	646.724	0°-00'-00"	337°-06'-50.4"
CP-403	755.395	194°-56'-20.6"	172°-03'-11.0"
RM1	63.44	194°-57'-29"	
RM2	36.53	27°-06'-09"	
RM3	29.94	194°-56'-31"	
RM4	7.01	234°-38'-55"	

SEE REVERSE SIDE FOR REFERENCE TIES



COMMENTS

STATION #402: CHD MONUMENT WITH CROSS, 29' EAST OF MH IN CENTERLINE OF WATERTOWN AVP.

RM1: SOUTHWEST OF STATION - A PK NAIL 2'± UP IN CL&P POLE #P5852, WEST OF CENTERLINE OF ROAD

RM2: NORTH OF STATION - A 3/8" DRILL HOLE IN ROCK ON EAST SIDE OF WATERTOWN AVE., 12' SOUTH OF CL&P POLE #63964 AND 16' WEST OF EDGE OF ROAD

RM3: SOUTH OF STATION - A PK NAIL 2'± UP IN CL&P POLE NO. 63965, EAST OF CENTERLINE OF ROAD

RM4: SOUTH OF STATION - A 3/8" DRILL HOLE IN ROCK ON EAST SIDE OF WATERTOWN AVE., 8.5' EAST OF EDGE OF ROAD



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-403

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 771,777.485 FEET

E. 912,107.397 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-34'-43.60409"

LONG. 73°-04'-16.48323"

THETA ANGLE - 0°-12'-46.8"

**TYPE OF MARKER**  
BRONZE DISK

**ALSO REFERRED TO AS STATION #**  
CTGS 1523

**ELEVATIONS**

CONDITION OF STATION	BY	DATE

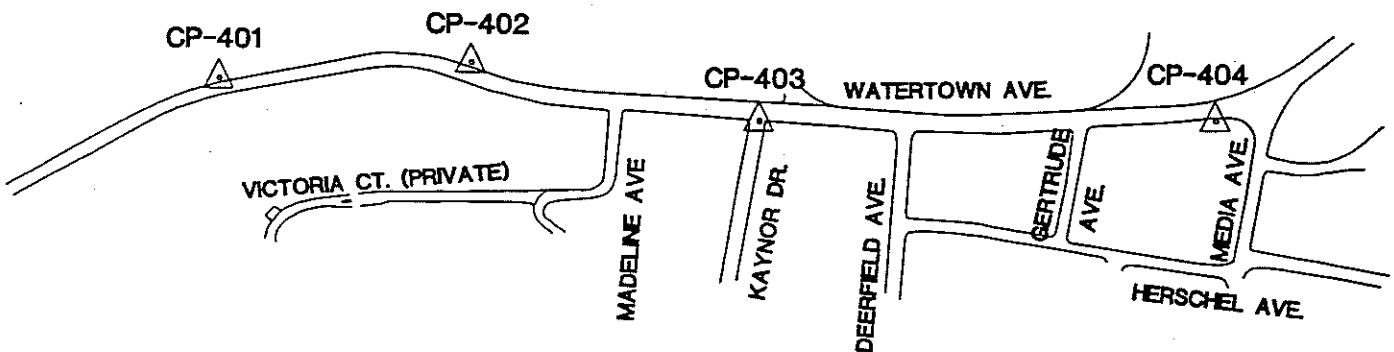
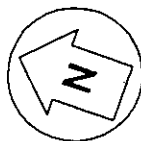
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

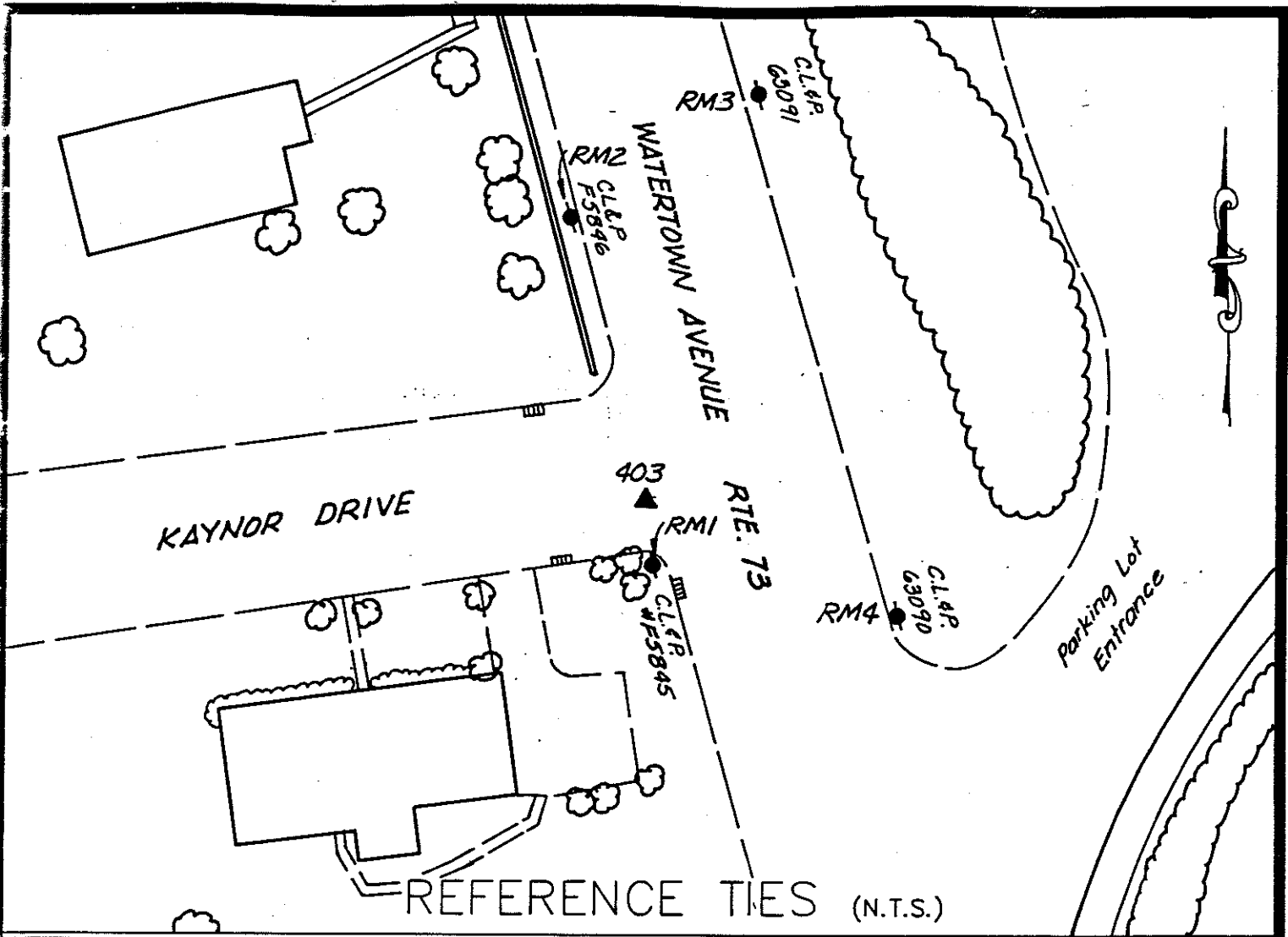
DATE \_\_\_\_\_

**VICINITY MAP**  
(NTS)



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-402	755.395	0°-00'-00"	352°-03'-11.0"
CP-404	1176.042	168°-47'-27.4"	180°-50'-38.4"
RM1	15.51	176°-08'-34"	
RM2	72.26	351°-54'-56"	
RM3	99.72	23°-21'-33"	
RM4	67.53	124°-10'-04"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #403: A C.G.S. MONUMENT #1523 IN THE GUTTER LINE OF THE WEST SIDE OF WATERTOWN AVE. AT THE INTERSECTION OF KAYNOR DR. AND WATERTOWN AVE., 4"± BELOW BIT., AND 12"± NORTH OF SOUTH GUTTER LINE OF KAYNOR DR.

RM1: SOUTH OF STATION - A PK NAIL, 2'± UP CL&P POLE #F5845, SOUTHWEST CORNER OF WATERTOWN AVE. AND KAYNOR DR.

RM2: NORTHWEST OF STATION - A PK NAIL 2'± UP CL&P POLE #F5846, 60'± NORTH OF CENTERLINE OF KAYNOR DR. AND ON WEST SIDE OF WATERTOWN AVE.

RM3: NORTHEAST OF STATION - A PK NAIL 2'± UP CL&P POLE NO. 63091, 70'± NORTH OF CENTERLINE OF KAYNOR DR. AND ON EAST SIDE OF WATERTOWN AVE.

RM4: SOUTHEAST OF STATION - A PK NAIL 2'± UP CL&P POLE #63090, 50'± SOUTH OF CENTERLINE OF KAYNOR DR. AND ON EAST SIDE OF WATERTOWN AVE.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-404

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 770,666.562 FEET

E. 912,493.305 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-34'-32.64262"

LONG. 73°-04'-11.35143"

THETA ANGLE - 0°-12'-43.4"

**TYPE OF MARKER**  
CITY ROD MON.

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

CONDITION OF STATION	BY	DATE

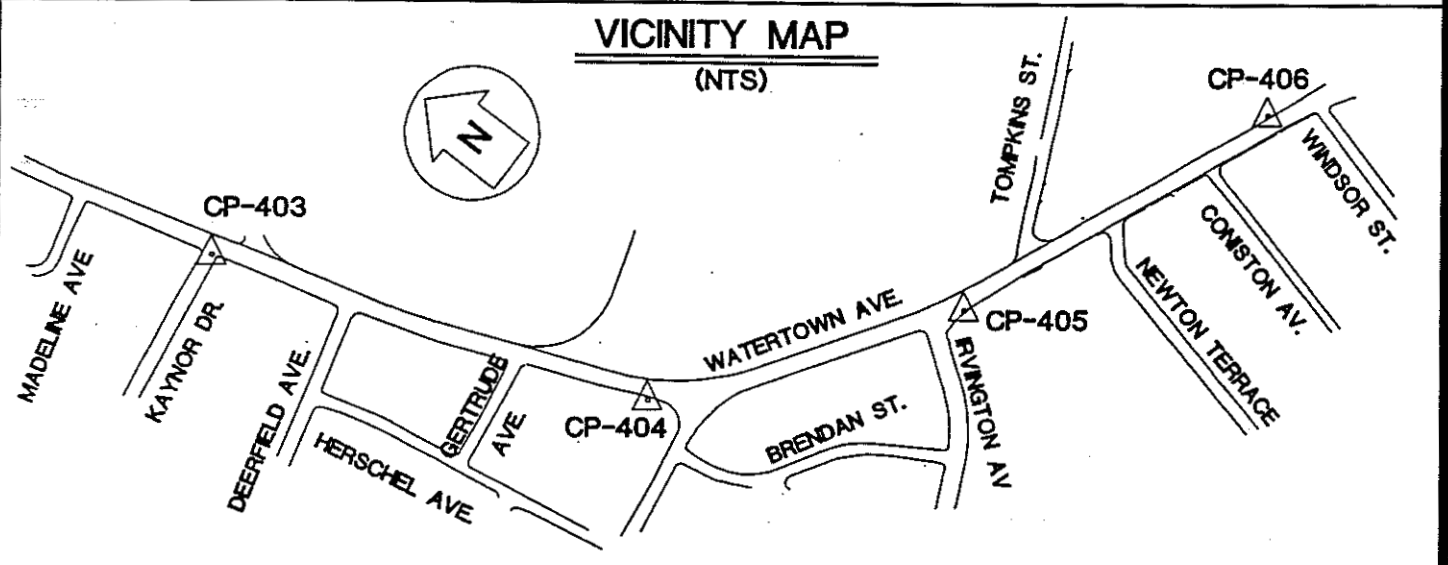
**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

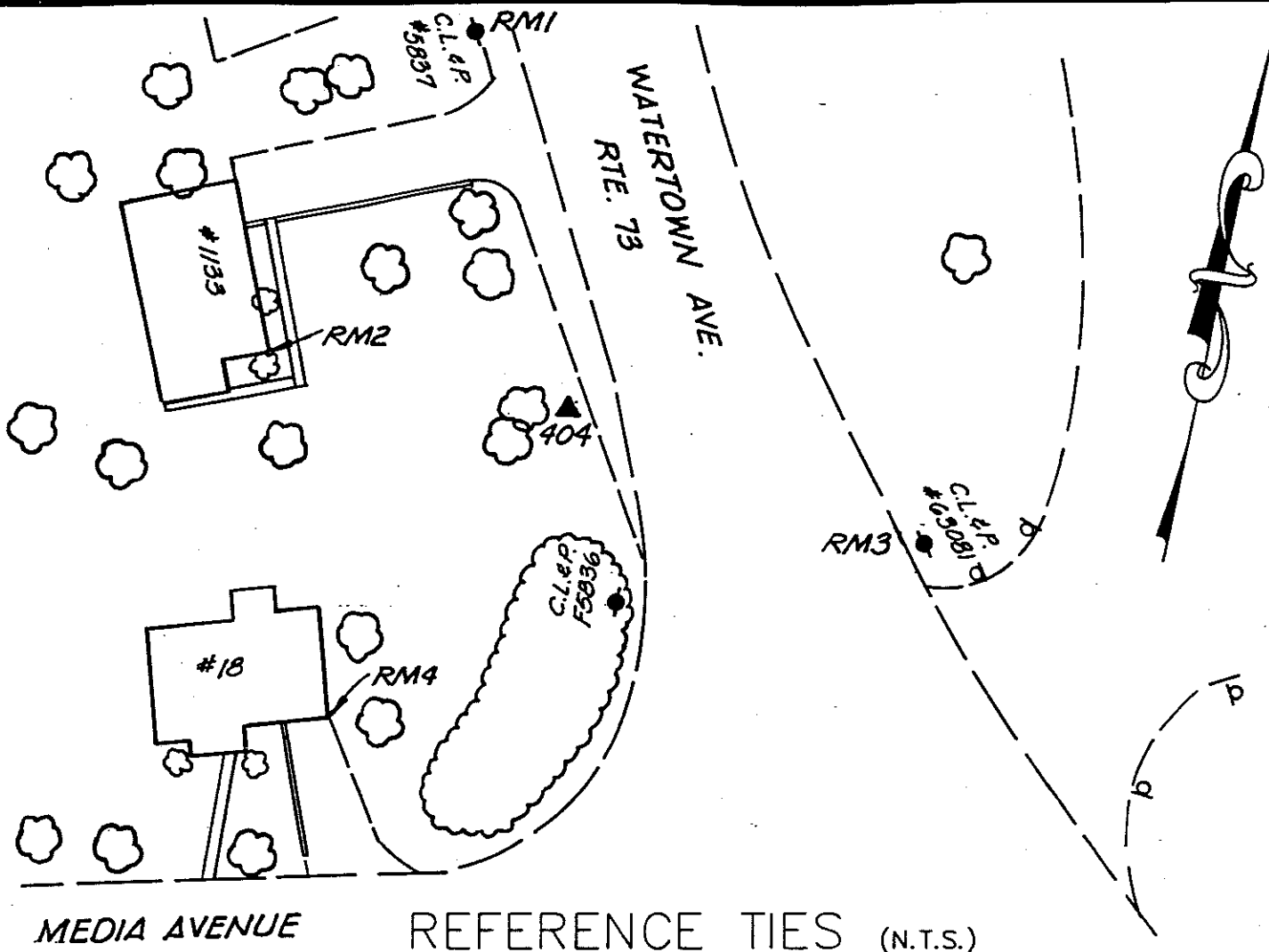
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-403	1176.042	0°-00'-00"	340°-50'-38.4"
CP-405	848.887	145°-33'-38.8"	126°-24'-17.3"
RM1	88.52	355°-24'-23"	
RM2	71.16	291°-25'-58"	
RM3	84.56	120°-49'-29"	
RM4	87.47	229°-12'-18"	



**MEDIA AVENUE**

**REFERENCE TIES (N.T.S.)**

**COMMENTS**

**STATION #404: SET ROD MONUMENT, WEST SIDE OF WATERTOWN AVE., 21' WEST OF MANHOLE AND 22' NORTH OF BELL SYSTEM MANHOLE**

**RM1: NORTHWEST OF STATION - A PK NAIL 2'± UP IN CL&P POLE #5837, EAST OF CENTERLINE OF ROAD**

**RM2: WEST OF STATION - SOUTHEAST CORNER OF FOUNDATION AT BOTTOM BRICK OF HOUSE #1133**

**RM3: SOUTHEAST OF STATION - A PK NAIL 2'± UP IN CL&P POLE #63081, WEST OF CENTERLINE OF ROAD**

**RM4: SOUTHWEST OF STATION - SOUTHEAST CORNER OF FOUNDATION AT BOTTOM BRICK OF HOUSE #18 MEDIA AVE.**



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-405

**IN THE TOWN OF  
 WATERBURY**

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 770,162.759 FEET  
 E. 913,176.527 FEET  
 DATE 8 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-34'-27.69007"  
 LONG. 73°-04'-02.33787"  
 THETA ANGLE - 0°-12'-37.4"

**TYPE OF MARKER**  
 RR SPIKE

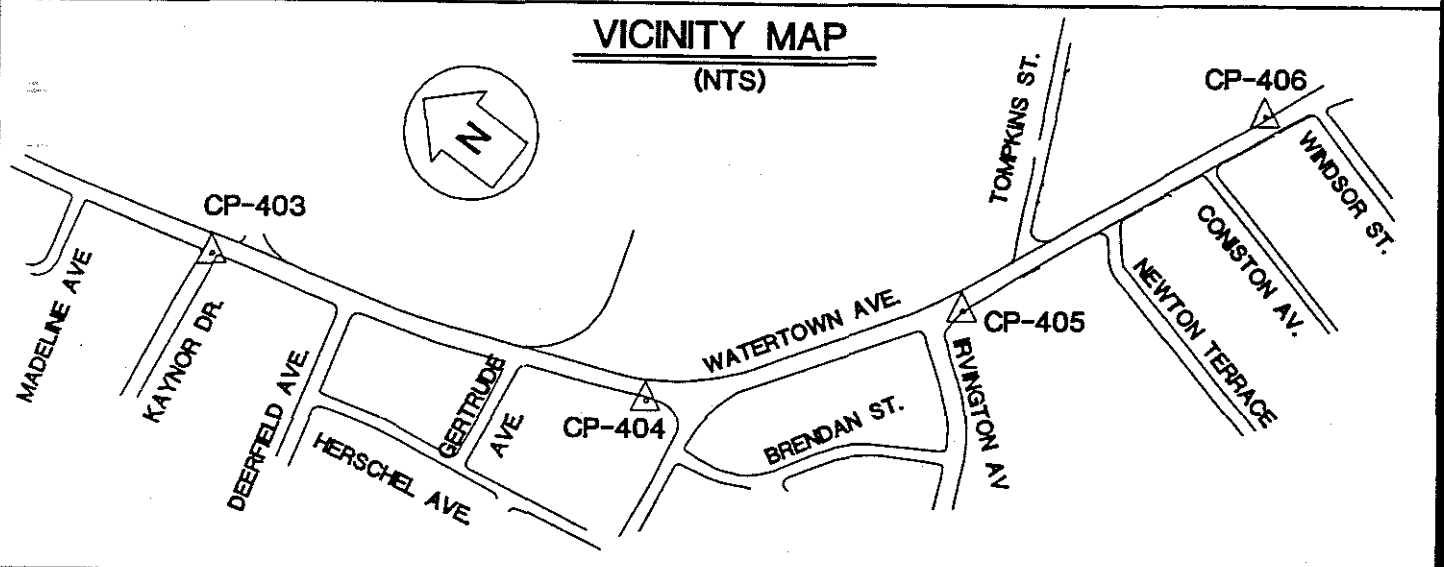
**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

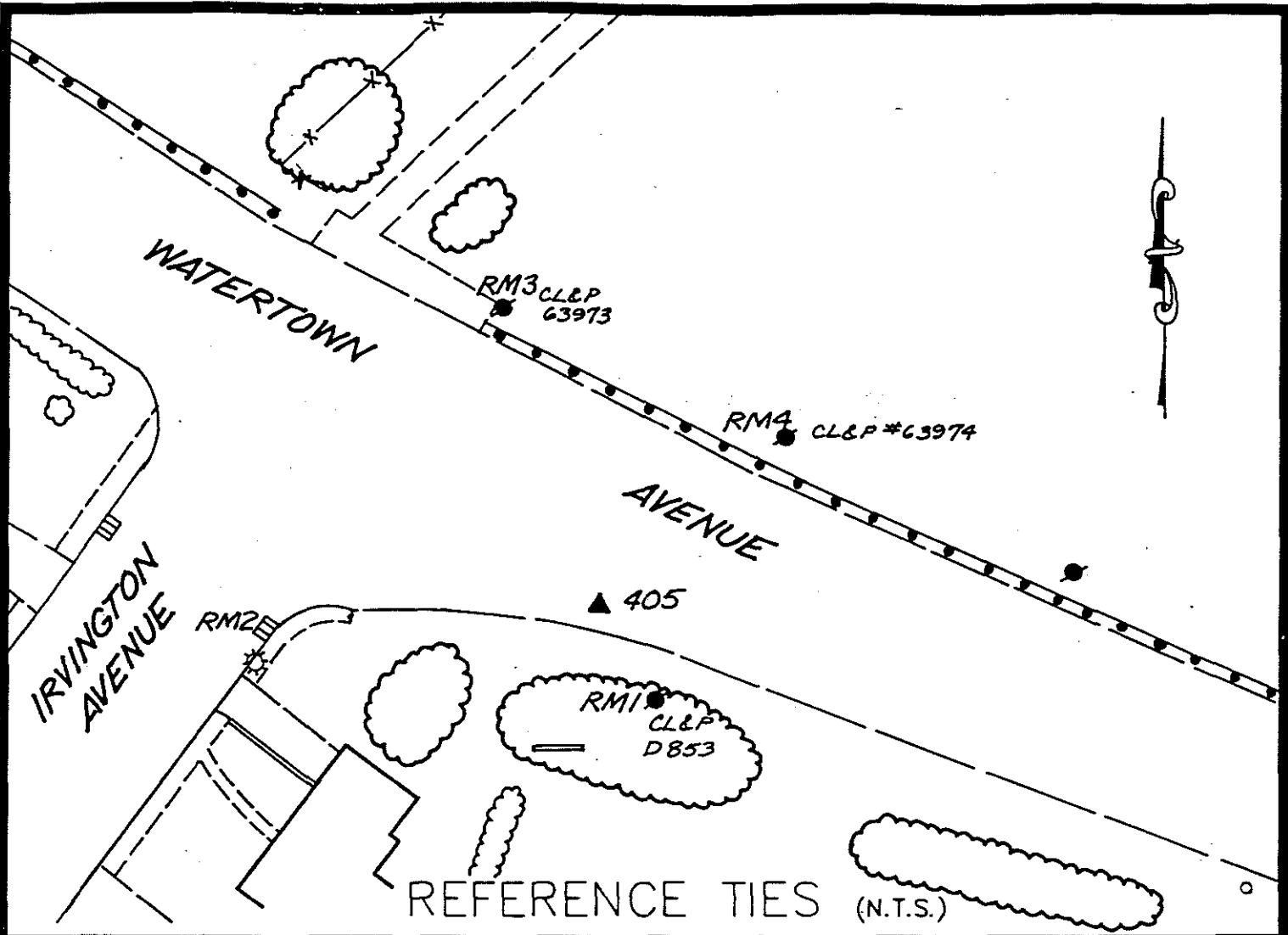
\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-404	848.887	0°-00'-00"	306°-24'-17.3"
CP-406	921.883	163°-14'-13.8"	109°-38'-31.1"
RM1	19.90	199°-09'-25"	
RM2	54.03	329°-12'-33"	
RM3	80.91	36°-49'-31"	
RM4	64.54	98°-49'-18"	



COMMENTS

STATION #405: R.R. SPIKE WITH "+" IN BIT, 60'± SOUTH OF INTERSECTION OF WATERTOWN AVE. AND IRVINGTON AVE., WEST SIDE OF WATERTOWN AVE., 3'± OFF CURB

RM1: SOUTHEAST OF STATION - A PK NAIL 1'± UP CL&P POLE #D853

RM2: WEST OF STATION - CHISEL "+" ON CORNER OF FRAME OF CATCH BASIN AT SOUTHWEST CORNER OF IRVINGTON AVE. AND WATERTOWN AVE.

RM3: NORTHWEST OF STATION - A PK NAIL 3'± UP CL&P POLE #63973, EAST SIDE OF WATERTOWN AVE.

RM4: NORTHEAST OF STATION - A PK NAIL 3'± UP CL&P POLE #63974, EAST SIDE OF WATERTOWN AVE.





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 HITS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-406

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 769,852.876 FEET

E. 914,044.767 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-34'-24.65985"

LONG. 73°-03'-50.89965"

THETA ANGLE - 0°-12'-29.8"

**TYPE OF MARKER**  
CHD MON.

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

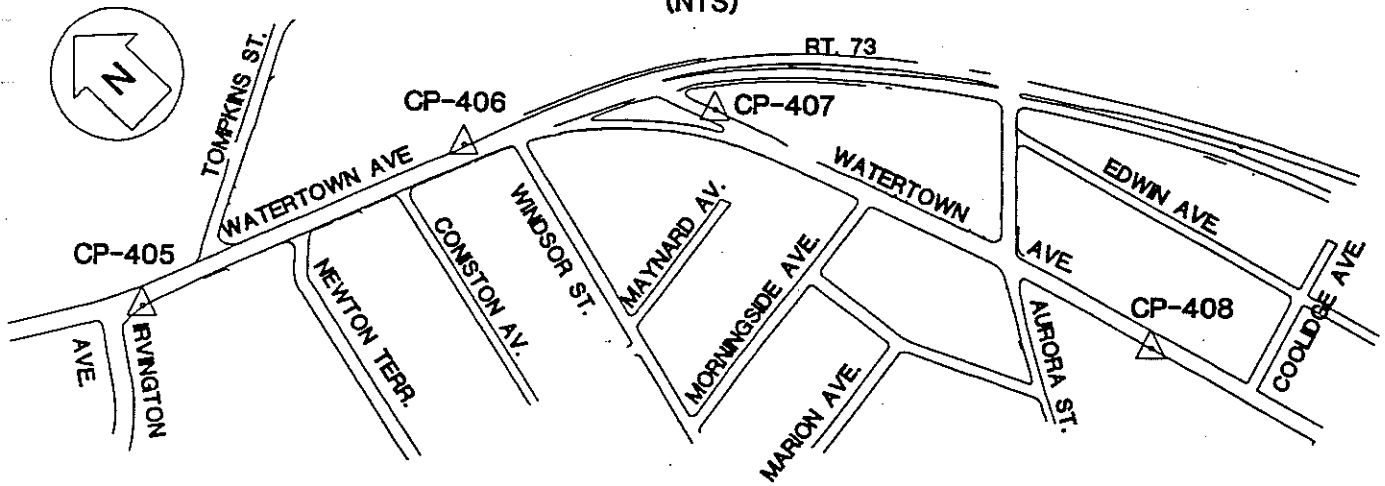
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

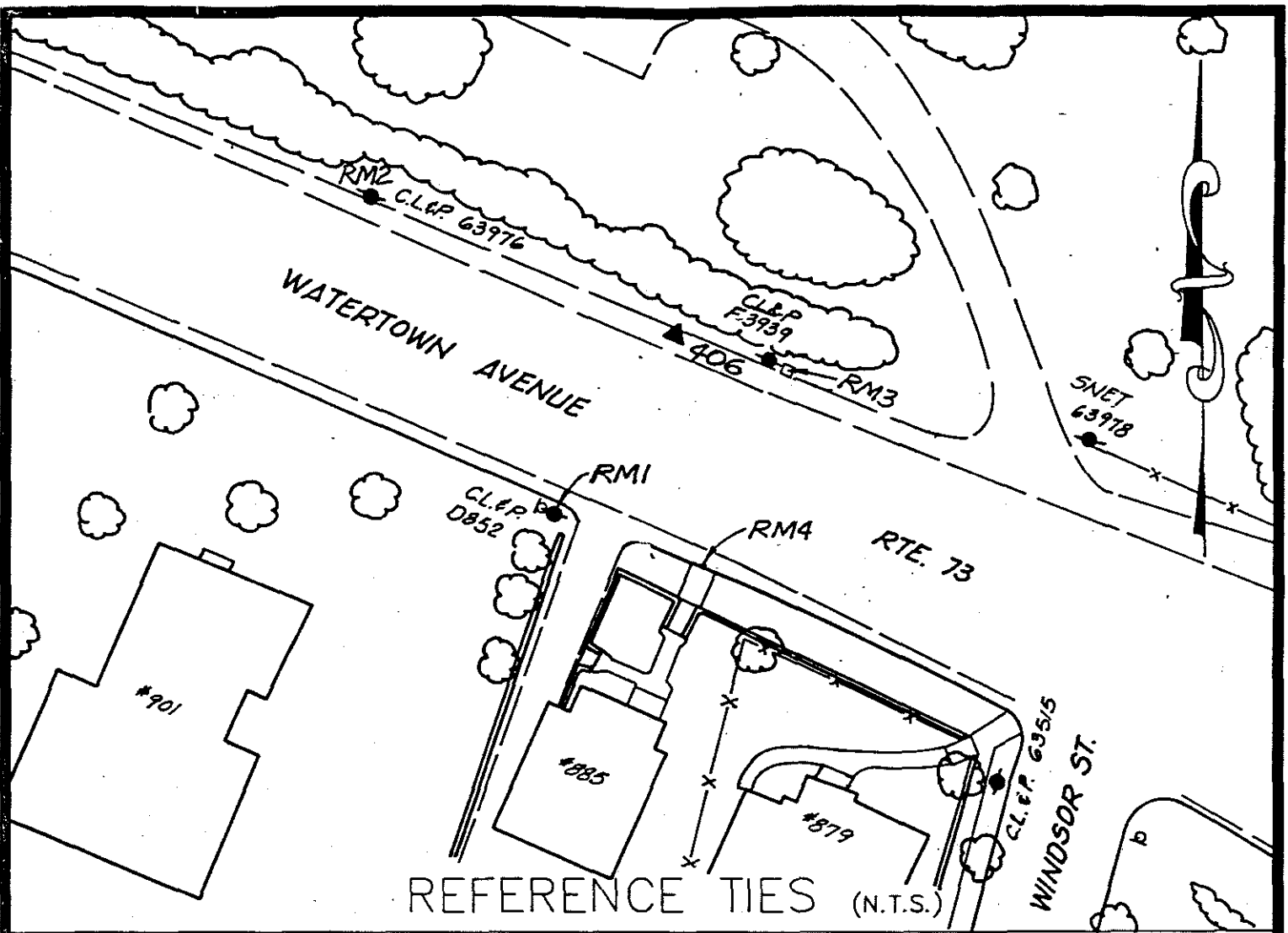
CONDITION OF STATION	BY	DATE

## VICINITY MAP (NTS)



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-405	821.883	0°-00'-00"	289°-38'-31"
CP-407	655.622	198°-41'-59.0"	128°-20'-30.0"
RM1	53.48	284°-18'-43"	
RM2	79.49	198°-44'-03"	
RM3	27.13	183°-20'-37"	
RM4	58.51	343°-02'-18"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #406: CHD MONUMENT DISK ON EAST SIDE OF WATERTOWN AVE., 23' NORTH OF CL&P POLE #F3939 AND 3' EAST OF EDGE OF ROAD

RM1: SOUTHWEST OF STATION - A PK NAIL 2'± UP IN CL&P POLE #D852, WEST OF CENTERLINE OF ROAD

RM2: NORTHWEST OF STATION - A PK NAIL 2'± UP IN CL&P POLE #63976, EAST OF CENTERLINE OF ROAD

RM3: EAST OF STATION - CHD MERESTONE ON EAST SIDE OF WATERTOWN AVE., SOUTH OF CL&P POLE #F3939 AND 3' EAST OF EDGE OF ROAD

RM4: SOUTH OF STATION - A DRILL HOLE IN CONCRETE CURB OPPOSITE CENTERLINE OF WALK TO HOUSE #885



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-407

**IN THE TOWN OF  
 WATERBURY**

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 769,446.161 FEET  
 E. 914,558.988 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-34'-20.86002"  
 LONG. 73°-03'-44.11484"  
 THETA ANGLE - 0°-12'-25.4"

**TYPE OF MARKER**  
 BRASS DISK

**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

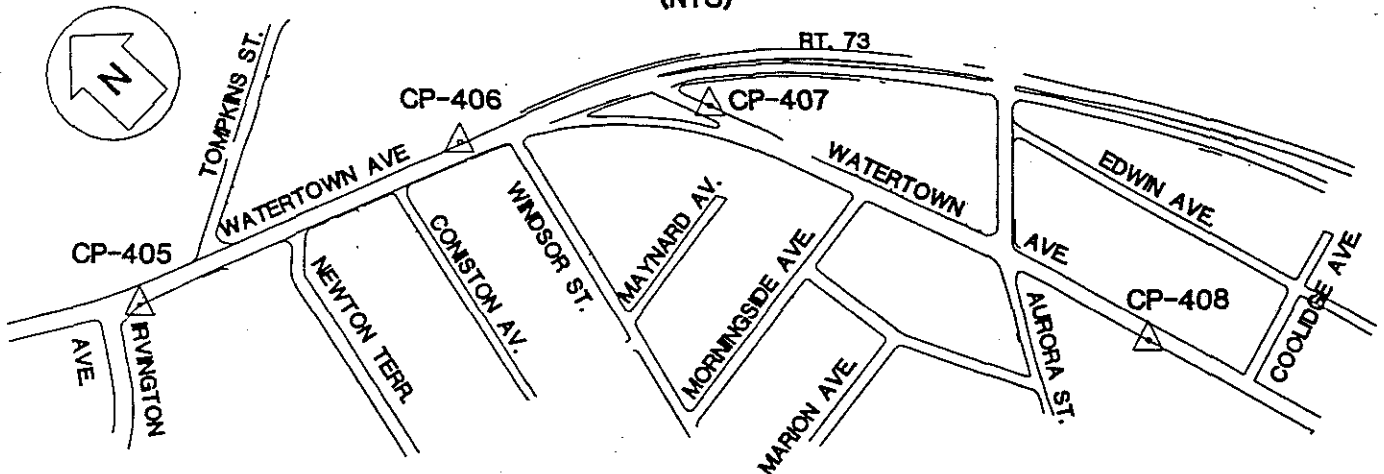
**ELEVATIONS**

\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

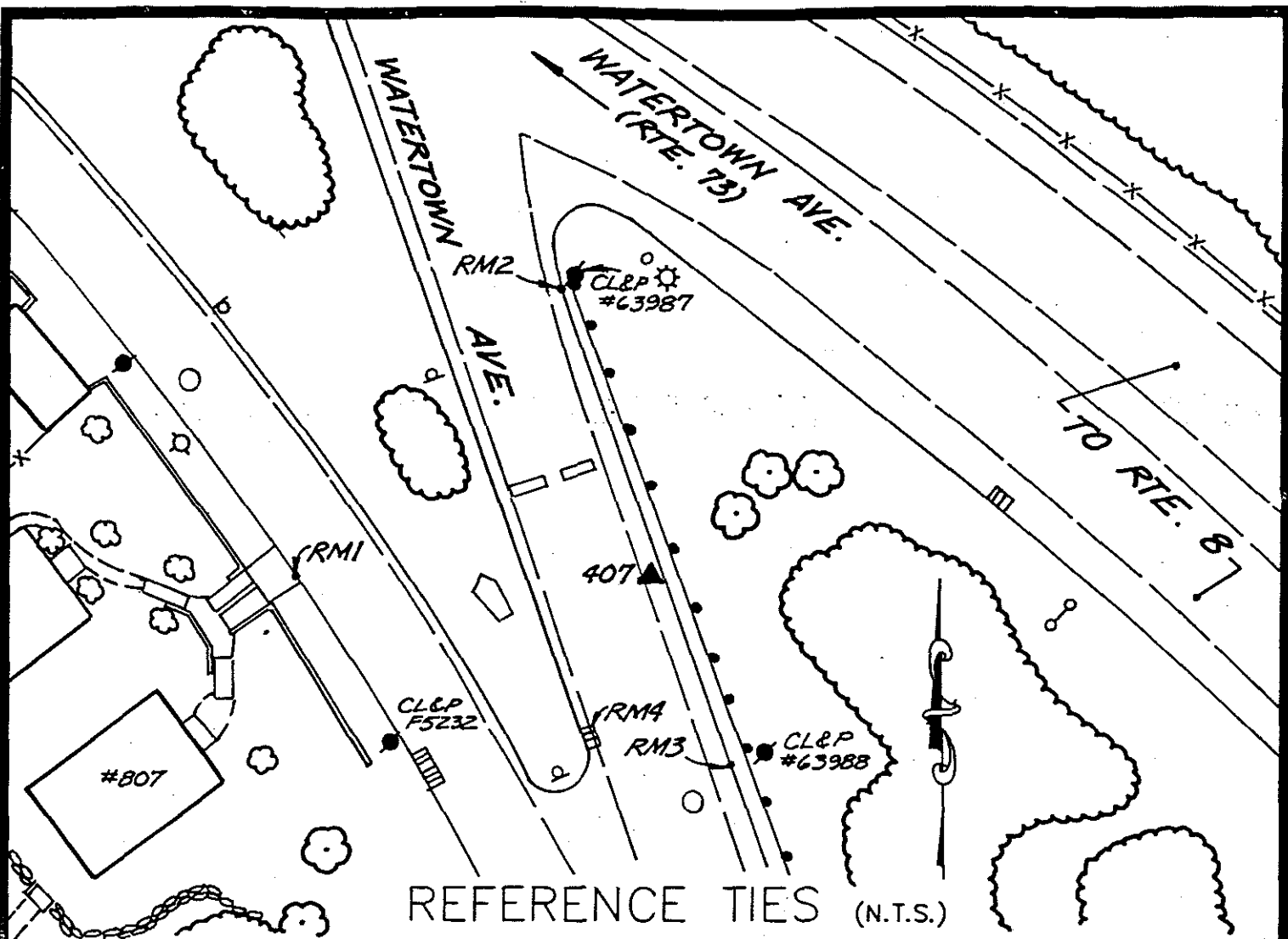
CONDITION OF STATION	BY	DATE

### VICINITY MAP (NTS)



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-406	655.622	0°-00'-00"	308°-20'-30.0"
CP-408	1280.244	216°-27'-11.0"	164°-47'-41.0"
RM1	91.19	216°-28'-18"	
RM2	78.23	32°-49'-11"	
RM3	51.35	213°-04'-07"	
RM4	43.97	280°-47'-56"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

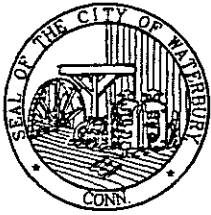
STATION #407: SET BRASS DISK IN CONCRETE CURB, 51' NORTH OF CL&P POLE #63988

RM1: WEST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB, OPPOSITE CENTERLINE OF WALK TO HOUSE #807

RM2: NORTH OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE CL&P POLE #63987

RM3: SOUTHEAST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE CL&P POLE #63988

RM4: SOUTHWEST OF STATION - A 3/8" DRILL HOLE IN TOP OF CURB OF CATCH BASIN ON EAST SIDE OF ISLAND



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 886-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-408

**IN THE TOWN OF  
 WATERBURY**

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 768,210.735 FEET  
 E. 914,894.768 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-34'-08.46630"  
 LONG. 73°-03'-39.63865"  
 THETA ANGLE - 0°-12'-22.4"

**TYPE OF MARKER**  
 BRASS DISK

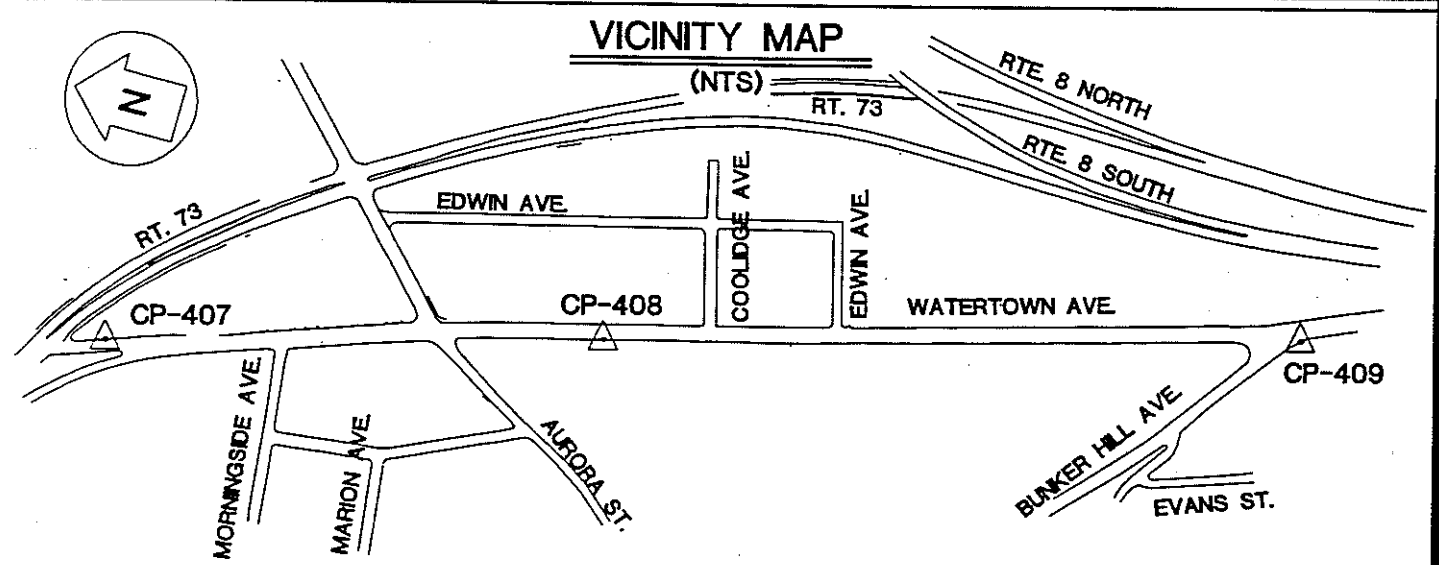
**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

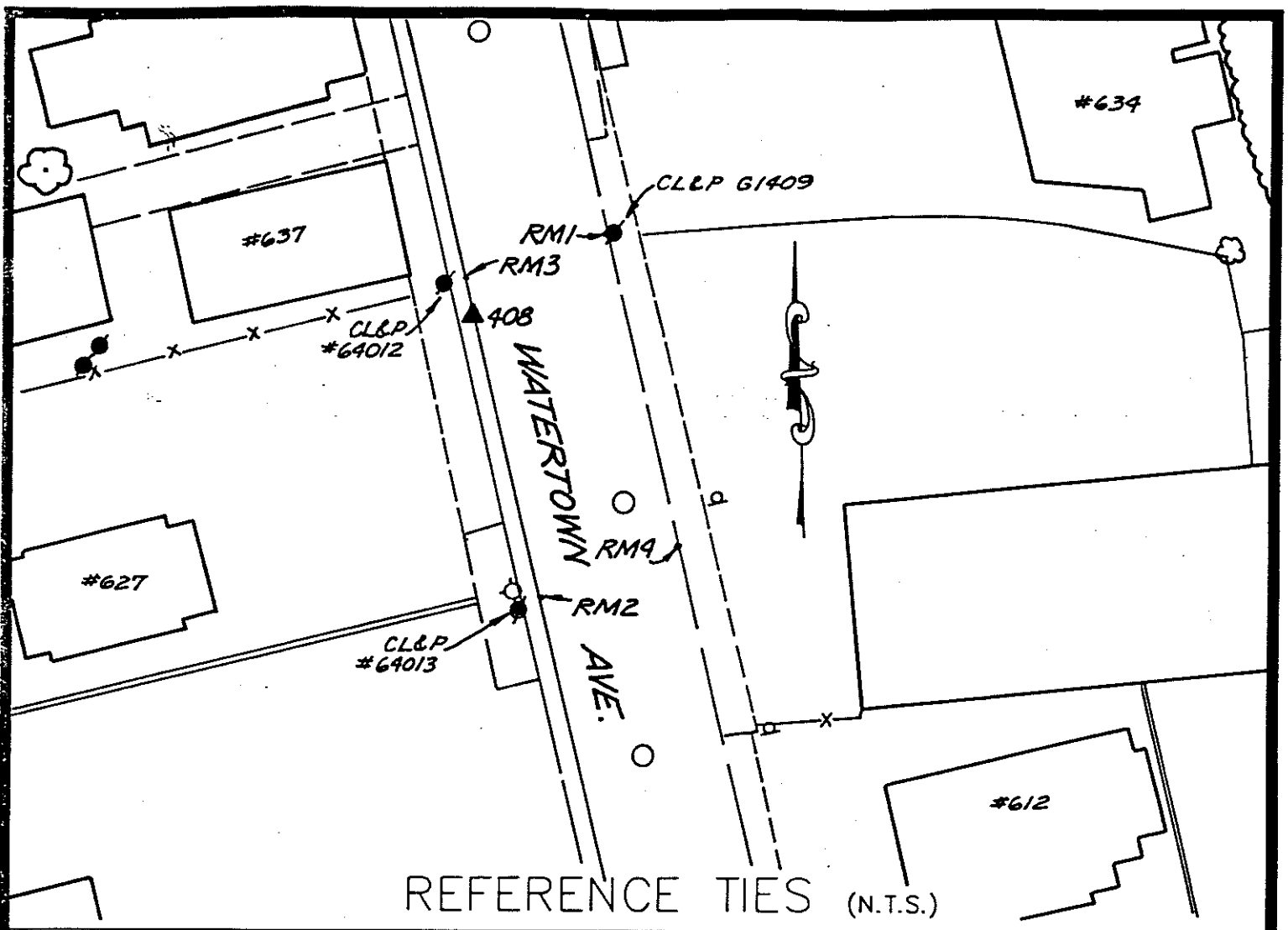
\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-407	1280.244	0°-00'-00"	344°-47'-410"
CP-409	1798.233	180°-11'-50.2"	184°-59'-312"
RM1	4182	76°-12'-18"	
RM2	7124	181°-01'-05"	
RM3	8.31	00°-54'-12"	
RM4	72.85	147°-15'-42"	



REFERENCE TIES (N.T.S.)

COMMENTS

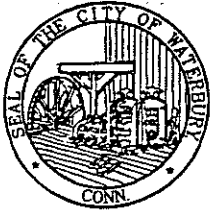
STATION #408: SET BRASS DISK IN CONCRETE CURB, WEST SIDE OF WATERTOWN AVE., 14' SOUTH OF SOUTH RANGE BUILDING #637

RM1: NORTHEAST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE CL&P POLE #G1409, EAST OF CENTERLINE OF ROAD

RM2: SOUTH OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE CL&P POLE #64013, WEST OF CENTERLINE OF ROAD

RM3: NORTHWEST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE CL&P POLE #64012 WEST OF CENTERLINE OF ROAD

RM4: SOUTHEAST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB, EAST SIDE OF WATERTOWN AVE., 2' SOUTH OF SOUTH RANGE HOUSE #627



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-409

**IN THE TOWN OF  
WATERBURY**

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 766,475.772 FEET

E. 915,359.910 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-51.3479"

LONG. 73°-03'-33.43764"

THETA ANGLE - 0°-12'-18.3"

**TYPE OF MARKER**  
CITY GRANITE MON.

**ALSO REFERRED TO AS STATION #**  
TM D1530

**ELEVATIONS**

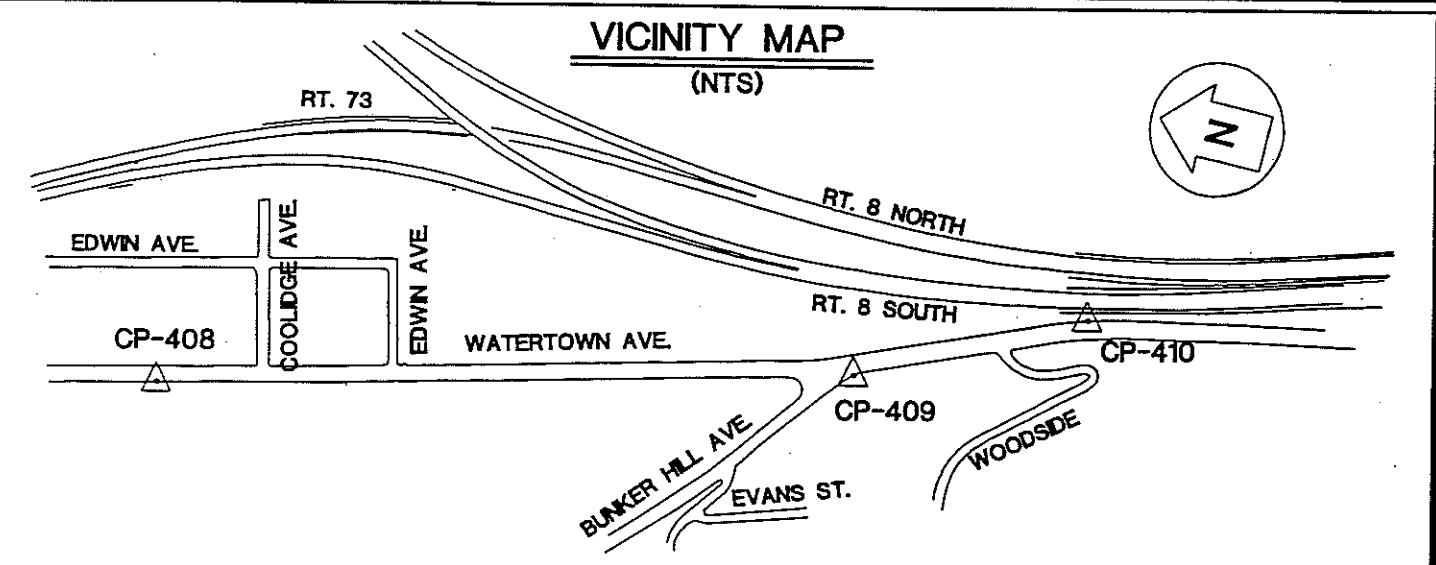
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

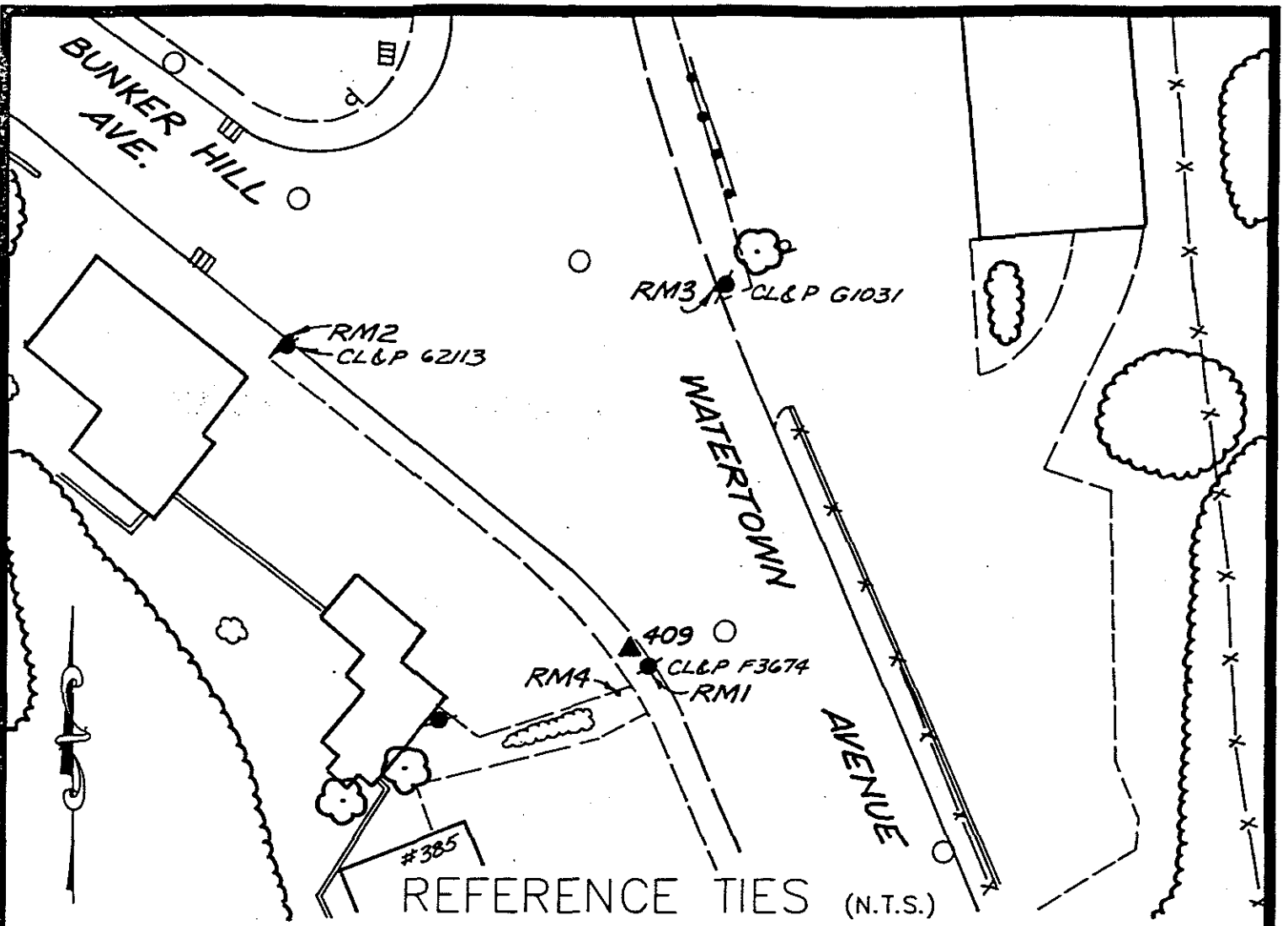
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-408	1796.233	0°-00'-00"	344°-59'-31.2"
CP-410	619.050	167°-32'-15.2"	152°-31'-48.4"
RR STA CLOCKTOWER	4748.091	150°-00'-32.1"	135°-00'-03.3"
RM1	6.88	141°-18'-20"	
RM2	108.87	328°-41'-11"	
RM3	87.88	29°-33'-35"	
RM4	10.49	177°-51'-10"	



COMMENTS

STATION #409: CITY OF WATERBURY GRANITE MONUMENT IN CENTERLINE OF CONCRETE WALK, 25' NORTH OF NORTH RANGE OF BUILDING #385

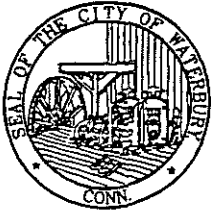
RM1: SOUTHEAST OF STATION - A PK NAIL 2'± UP IN CL&P POLE #F3674, WEST OF CENTERLINE OF ROAD

RM2: NORTHWEST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE CL&P POLE #62113 AND WEST OF CENTERLINE OF ROAD

RM3: NORTHEAST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE CL&P POLE #G1031 AND EAST OF CENTERLINE OF ROAD

RM4: SOUTHWEST OF STATION - A 3/8" DRILL HOLE IN CORNER OF CONCRETE RETAINING WALL ON WEST SIDE OF WATERTOWN AVE.





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
**LAND SURVEYORS**  
75 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
E. \_\_\_\_\_ FEET  
DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
LONG. \_\_\_\_\_  
DATE \_\_\_\_\_

**STATION #**  
CP-410

**IN THE TOWN OF  
WATERBURY**

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 765,928.521 FEET  
E. 915,645.472 FEET  
DATE 8 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-45.92540"  
LONG. 73°-03'-29.65532"  
THETA ANGLE - 0°-12'-15.8"

**TYPE OF MARKER  
BRASS DISK**

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

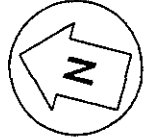
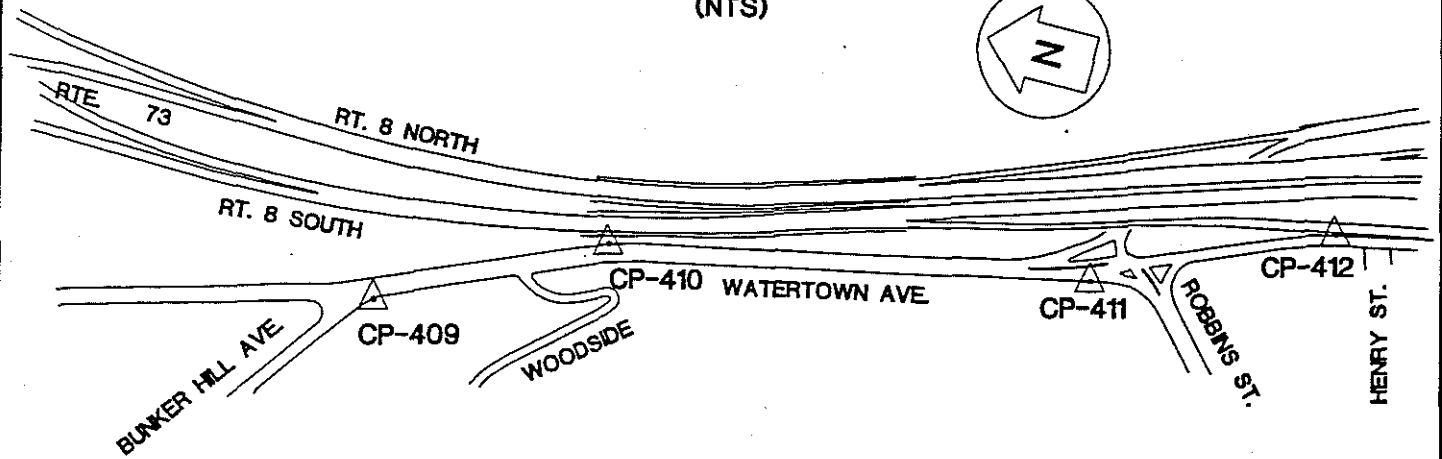
CONDITION OF STATION	BY	DATE

**ELEVATIONS**

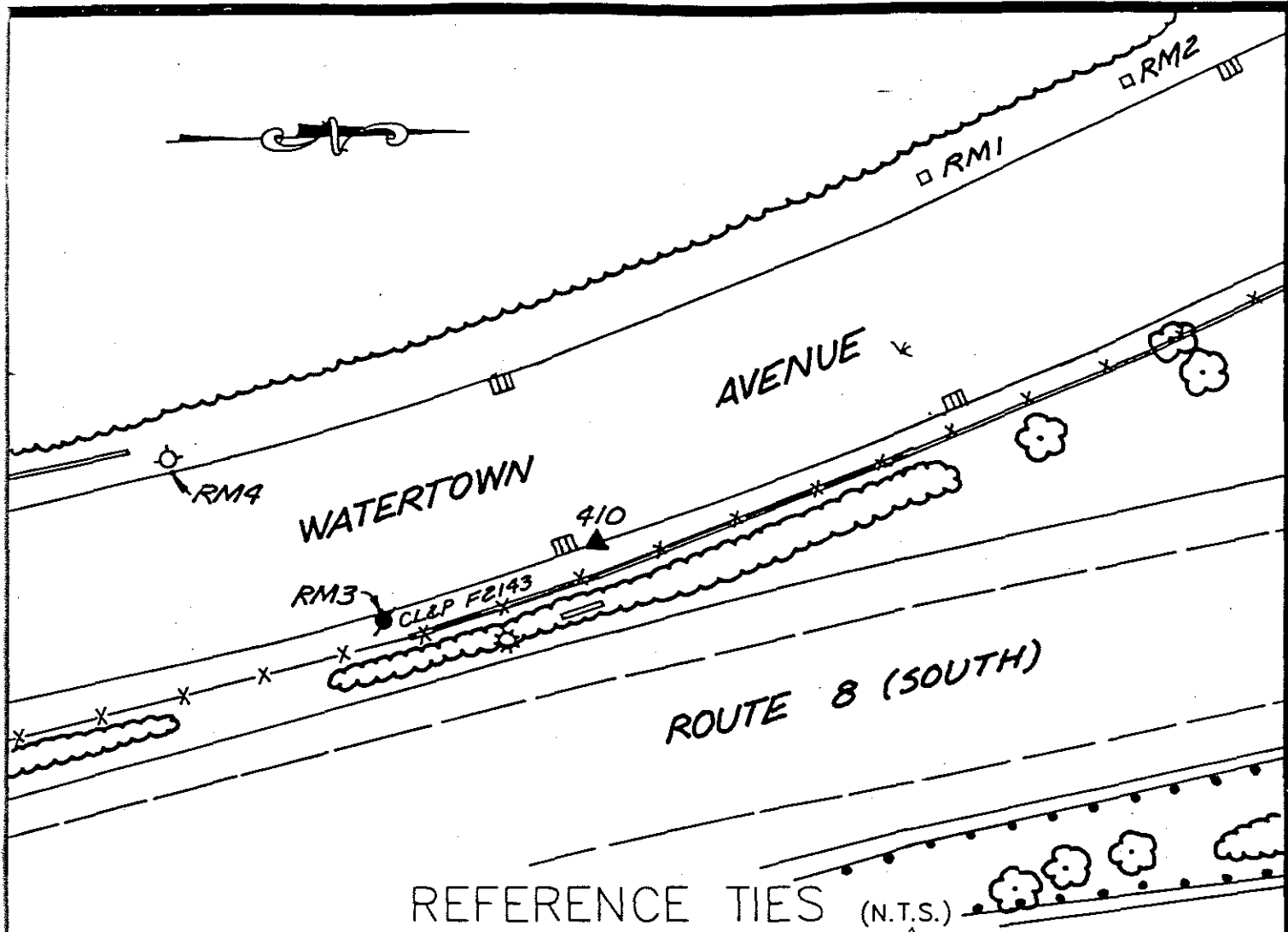
\_\_\_\_\_ FEET  
(NAVD 88)  
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)  
DATE \_\_\_\_\_

### VICINITY MAP (NTS)



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-409	619.050	0°-00'-00"	332°-31'-46.4"
CP-411	1247.358	197°-28'-43.4"	170°-00'-29.8"
RM1	52.53	298°-12'-22"	
RM2	157.16	348°-04'-45"	
RM3	53.87	191°-26'-38"	
RM4	113.64	216°-34'-59"	



REFERENCE TIES (N.T.S.)

COMMENTS

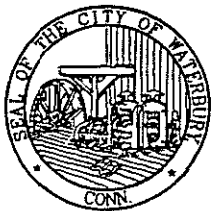
STATION #410: SET BRASS DISK IN CONCRETE CURB, EAST SIDE OF WATERTOWN AVE., 53' NORTH OF CL&P POLE #F2143 AND 18' EAST OF MANHOLE IN ROAD

RM1: NORTHWEST OF STATION - A DRILL HOLE IN GRANITE MONUMENT, WEST OF CENTERLINE OF ROAD

RM2: NORTHWEST OF STATION - C.G.S. MONUMENT 1530, WEST OF CENTERLINE OF ROAD

RM3: SOUTH OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE CL&P POLE #F2143, EAST OF CENTERLINE OF ROAD

RM4: SOUTHWEST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE HYDRANT



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
**LAND SURVEYORS**  
76 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-411

IN THE TOWN OF  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 784,698.082 FEET

E. 915,861.896 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-33.79633"

LONG. 73°-03'-26.75088"

THETA ANGLE - 0°-12'-13.8"

TYPE OF MARKER  
BRASS DISK

ALSO REFERRED TO AS STATION # \_\_\_\_\_

**ELEVATIONS**

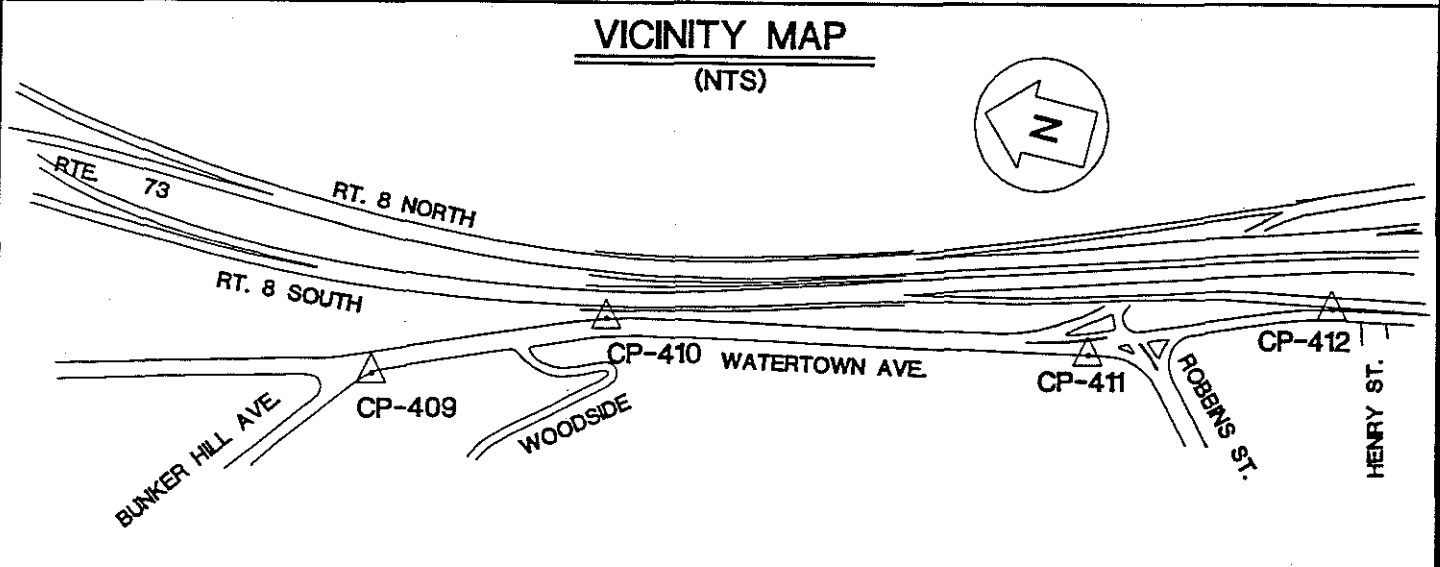
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

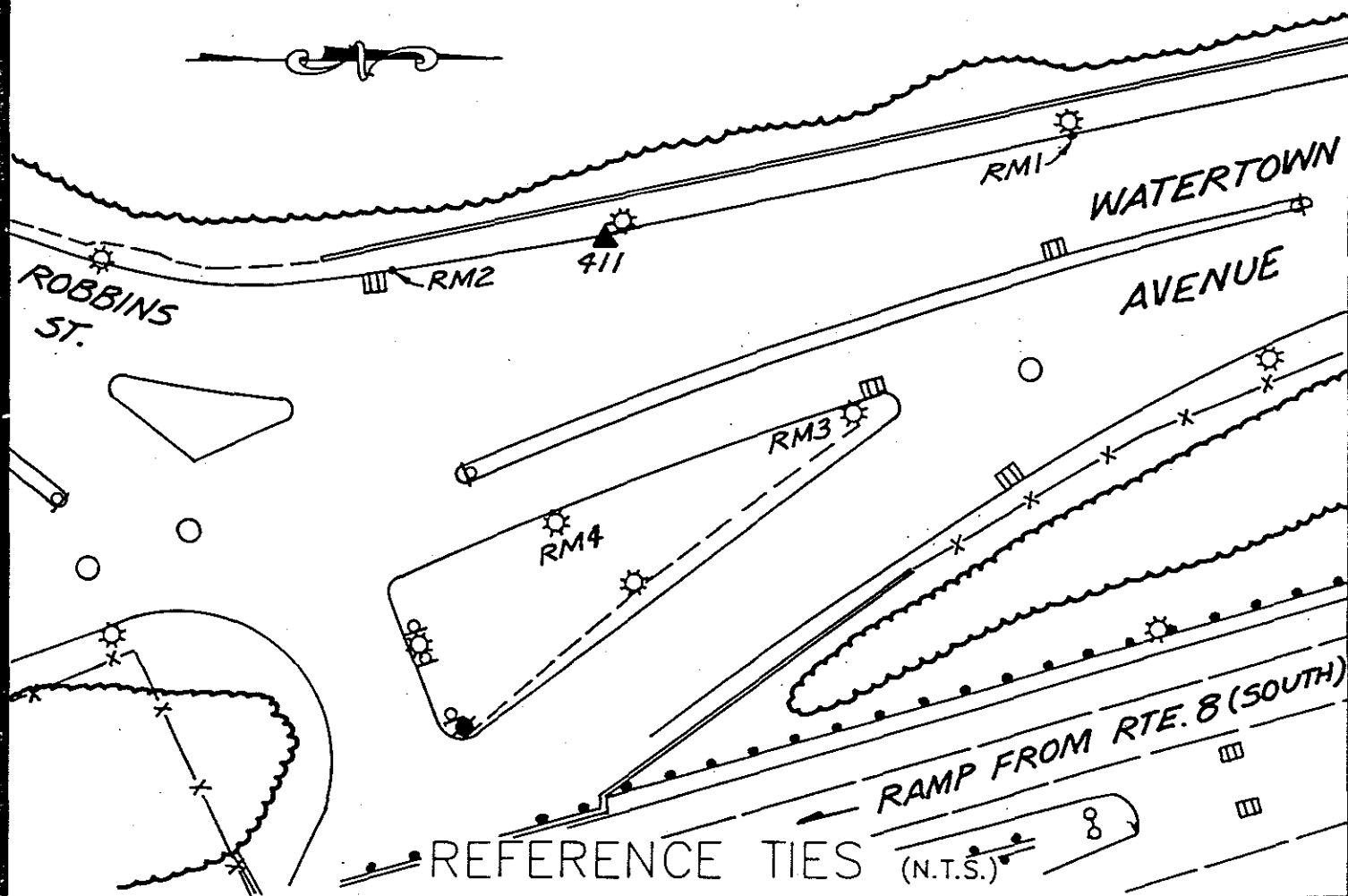
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-410	1247.358	0°-00'-00"	350°-00'-28.8"
CP-412	642.497	165°-22'-28.8"	155°-22'-58.6"
RM1	109.37	357°-51'-45"	
RM2	68.11	179°-17'-42"	
RM3	69.02	48°-00'-51"	
RM4	68.58	109°-28'-19"	



COMMENTS

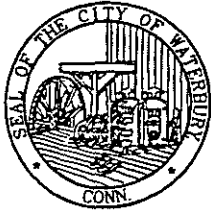
STATION #411: SET BRASS DISK IN CONCRETE CURB, WEST SIDE OF WATERTOWN AVE., 17' NORTH OF SOUTH END CONCRETE RETAINING WALL

RM1: NORTH OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE LIGHT STANDARD, WEST OF CENTERLINE OF ROAD

RM2: SOUTH OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB, 2' NORTH OF CATCH BASIN, WEST OF CENTERLINE OF ROAD

RM3: NORTHEAST OF STATION - A 3/8" DRILL HOLE IN CONCRETE LIGHT STANDARD BASE, 5' SOUTH OF CATCH BASIN IN EAST ISLAND

RM4: EAST OF STATION - A 3/8" DRILL HOLE IN CONCRETE LIGHT STANDARD BASE IN EAST ISLAND



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KITTS LANE NEWINGTON, CT (203) 866-0234

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-412

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 764,113.980 FEET

E. 916,129.529 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-28.03493"

LONG. 73°-03'-23.20322"

THETA ANGLE - 0°-12'-11.5"

**TYPE OF MARKER**  
BRASS DISK

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

**ELEVATIONS**

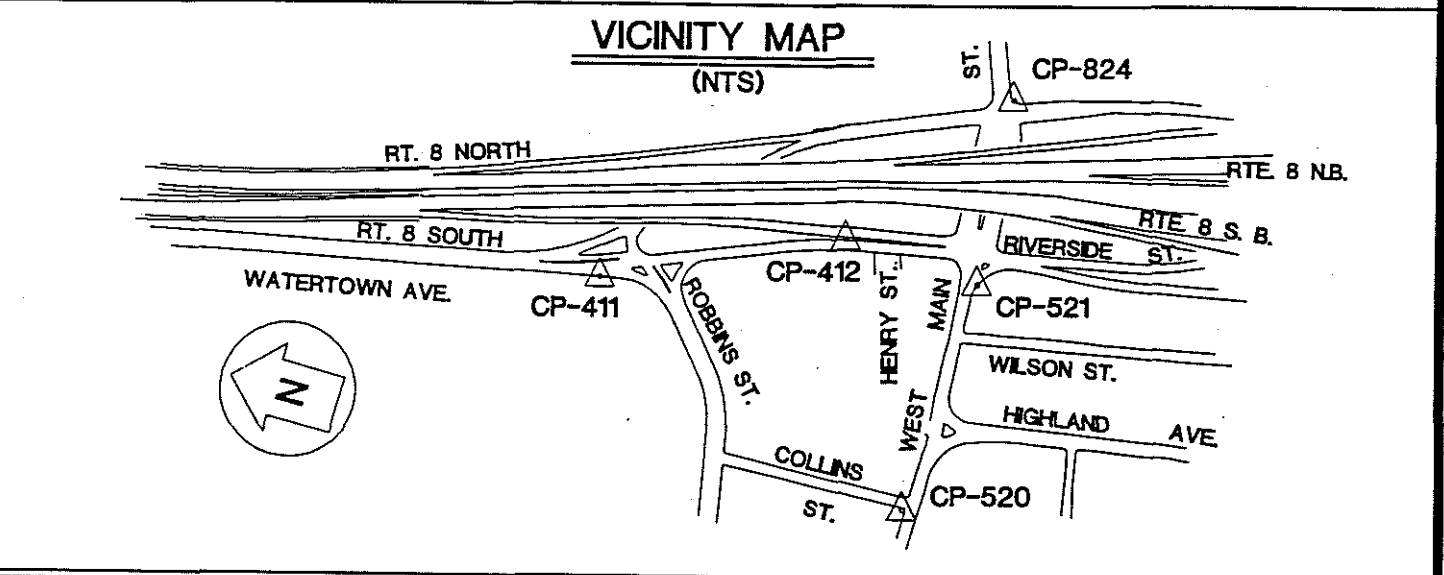
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

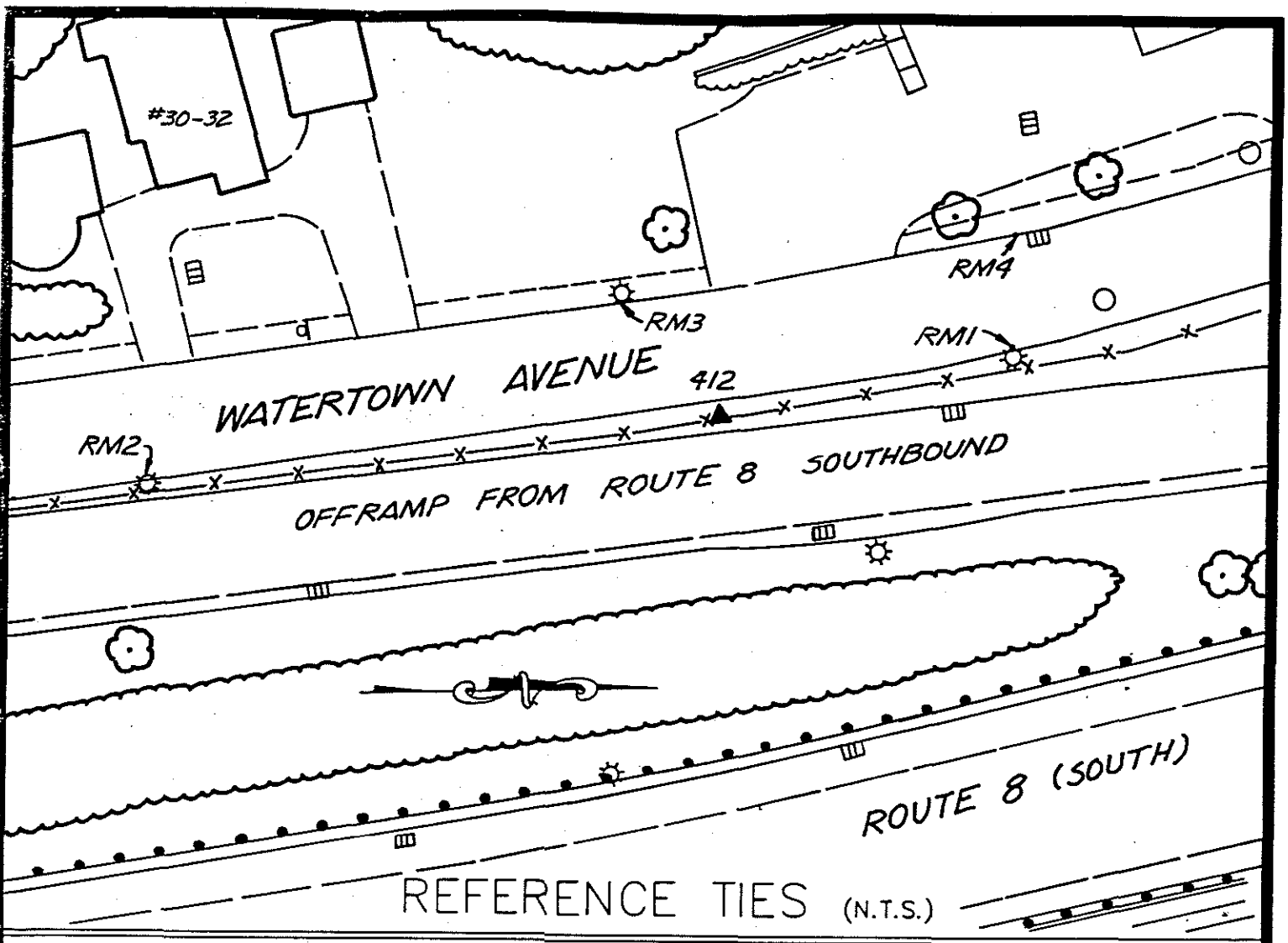
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-411	642.497	0°-00'-00"	335°-22'-58.6"
CP-521	359.194	207°-53'-26.1"	183°-16'-24.7"
RM1	68.98	10°-23'-54"	
RM2	144.47	193°-06'-16"	
RM3	37.27	242°-12'-25"	
RM4	80.42	349°-26'-05"	



REFERENCE TIES (N.T.S.)

COMMENTS

- STATION #412: SET BRASS DISK IN CONCRETE CURB, EAST SIDE OF WATERTOWN AVE., 36' SOUTH OF SOUTH RANGE LARGE GRAY BUILDING
- RM1: NORTH OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE OF LIGHT STANDARD, EAST OF CENTERLINE OF ROAD
- RM2: SOUTH OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE LIGHT STANDARD, EAST OF CENTERLINE OF ROAD
- RM3: SOUTHWEST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE LIGHT STANDARD, WEST OF CENTERLINE OF ROAD
- RM4: NORTHWEST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB, 3' SOUTH OF CATCH BASIN ON WEST SIDE OF WATERTOWN AVE.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KITTS LANE NEWINGTON, CT (203) 966-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-500

**IN THE TOWN OF**  
MIDDLEBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 754,085.903 FEET

E. 905,732.932 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-31'-48.5729"

LONG. 73°-05'-39.42956"

THETA ANGLE - 0°-13'-41.8"

**TYPE OF MARKER**  
CITY ROD MON.

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

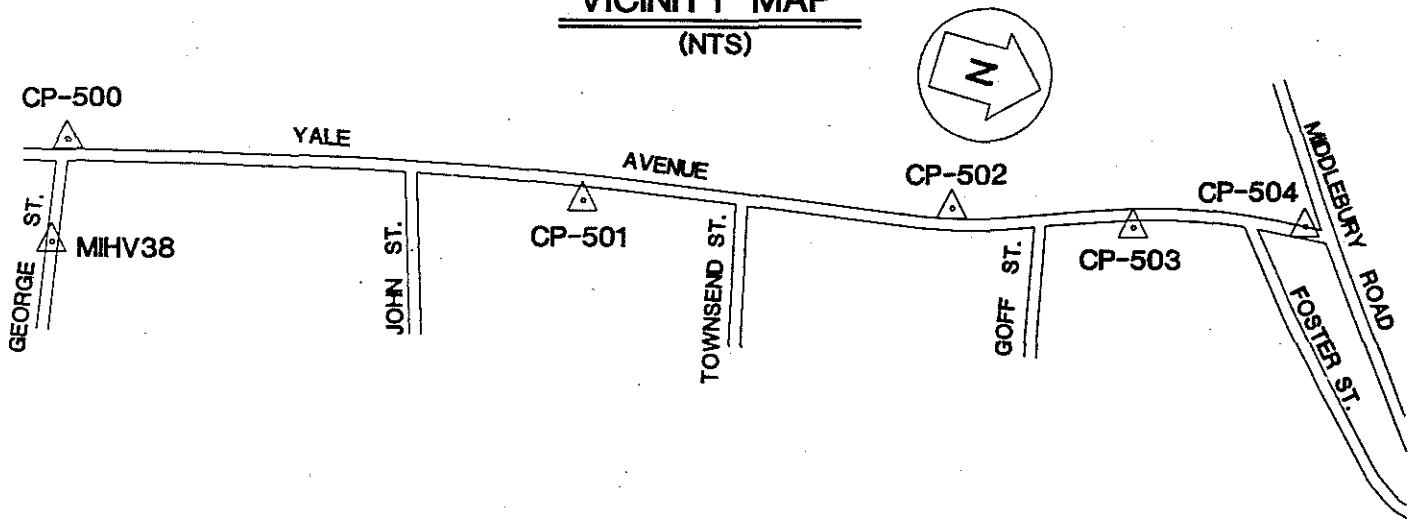
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

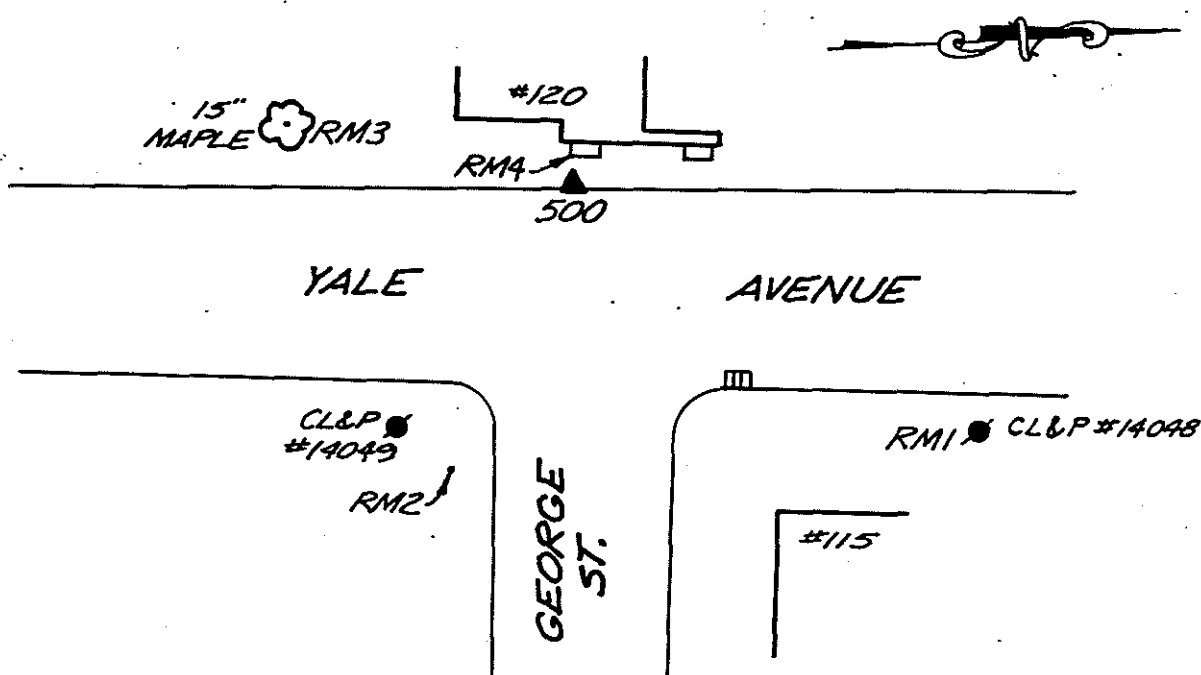
CONDITION OF STATION	BY	DATE

## VICINITY MAP (NTS)



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
MIHV38	268.068	0°-00'-00"	81°-37'-44.4"
CP-501	1330.132	268°-22'-45.2"	350°-00'-29.6"
RM1	90.60	288°-27'-13"	
RM2	49.27	38°-22'-00"	
RM3	37.94	93°-59'-41"	
RM4	34.62	184°-53'-13"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

- STATION #500: ROD MONUMENT BEHIND BIT. CURB ON THE WEST SIDE OF YALE AVENUE. MONUMENT IS 16' SOUTH OF THE NORTH RANGE OF HOUSE #120
- RM1: NORTHEAST OF STATION - PK NAIL IN CL&P POLE #14048 ON EAST SIDE OF YALE AVENUE. PK NAIL IS 2' ABOVE GROUND
- RM2: SOUTHEAST OF STATION - CONCRETE MONUMENT ON THE EAST SIDE OF YALE AVENUE. MONUMENT IS 3' NORTH AND 5' EAST OF CL&P POLE #14049
- RM3: SOUTHWEST OF STATION - PK NAIL IN 15" MAPLE TREE. TREE IS 14' WEST OF THE CENTER-LINE OF YALE AVENUE AND PK NAIL IS 3' ABOVE THE GROUND
- RM4: WEST OF STATION - SOUTHEAST CORNER OF SOUTHERLY CONCRETE LANDING OF HOUSE #120, APPROXIMATELY 0.3' ABOVE GROUND





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-501

**IN THE TOWN OF**  
 MIDDLEBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 755,395.860 FEET  
 E. 905,502.145 FEET  
 DATE 8 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-01.50592"  
 LONG. 73°-05'-42.53272"  
 THETA ANGLE - 0°-13'-43.9"

**TYPE OF MARKER**  
 BRASS DISK

**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

CONDITION OF STATION	BY	DATE

**ELEVATIONS**

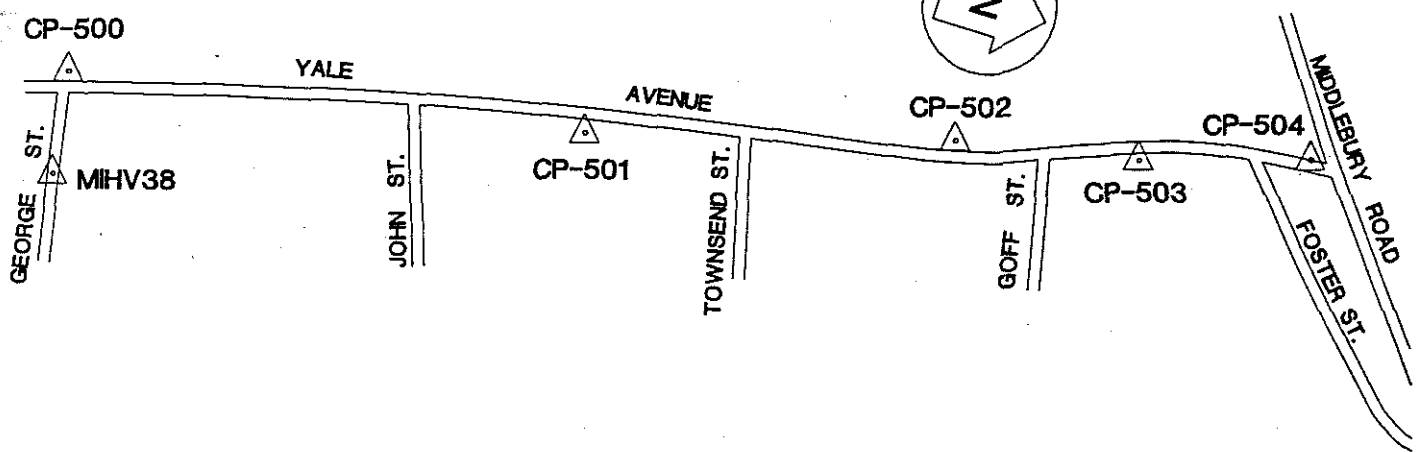
\_\_\_\_\_ FEET  
 (NAVD 88)

DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

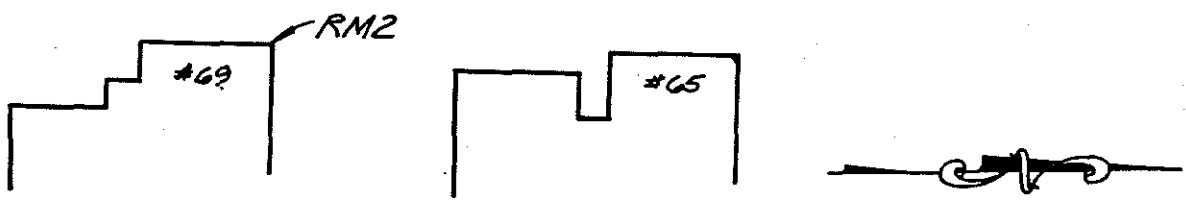
### VICINITY MAP (NTS)



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-500	1330.132	0°-00'-00"	170°-00'-29.6"
CP-502	952.223	174°-14'-31.5"	344°-15'-01.7"
RM1	12.17	199°-27'-16"	
RM2	87.48	311°-35'-10"	
RM3	74.51	97°-58'-10"	
RM4	84.09	56°-30'-50"	



YALE AVENUE



REFERENCE TIES (N.T.S.)

COMMENTS

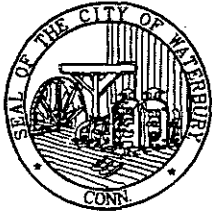
STATION #501: BRASS DISK SET IN ROCK OUTCROP, 6' EAST OF EAST EDGE OF YALE AVENUE, 16' NORTH OF SOUTH RANGE OF THE HOUSE #65 GARAGE

RM1: NORTH OF STATION - PK NAIL IN CL&P POLE #11320 ON EAST SIDE OF YALE AVENUE. THE NAIL IS 2' ABOVE THE GROUND

RM2: SOUTHEAST OF STATION - NORTHWEST CORNER OF HOUSE #69. THE TIE IS AT THE FIRST BRICK ABOVE THE FOUNDATION

RM3: WEST OF STATION - NORTHEAST CORNER OF HOUSE #62. THE TIE WAS TAKEN 4' ABOVE THE GROUND ON THE ALUMINUM SIDING

RM4: SOUTHWEST OF STATION - NORTHEAST CORNER OF HOUSE #66. THE TIE WAS TAKEN 2' ABOVE THE GROUND



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 686-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-502

**IN THE TOWN OF**  
 MIDDLEBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 756,312.333 FEET  
 E. 905,243.678 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-10.55028"  
 LONG. 73°-05'-45.97948"  
 THETA ANGLE - 0°-13'-46.2"

**TYPE OF MARKER**  
 CITY ROD MON.

**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

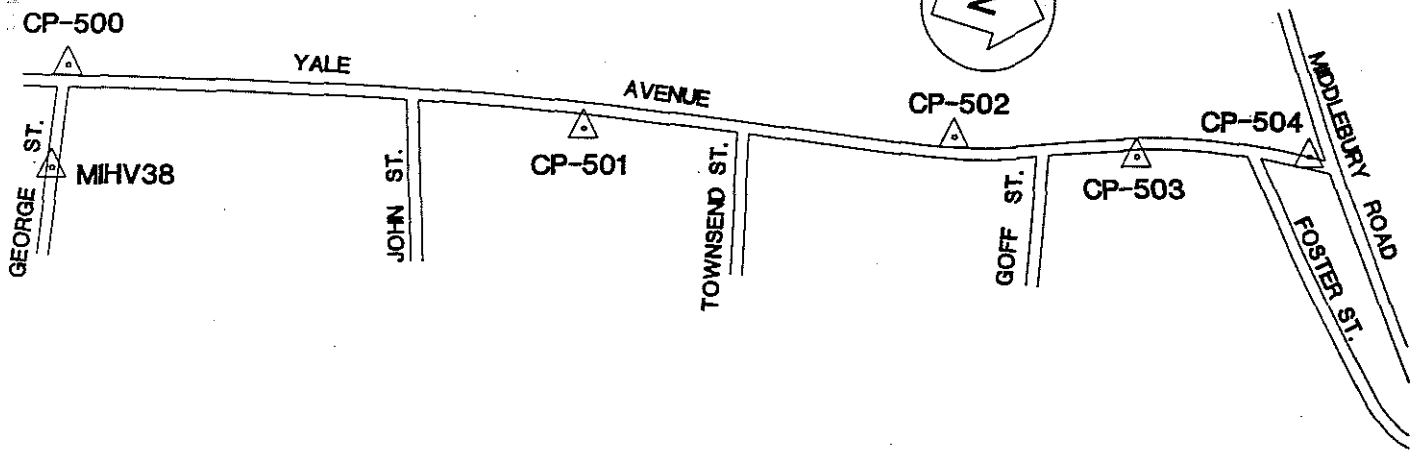
CONDITION OF STATION	BY	DATE

**ELEVATIONS**

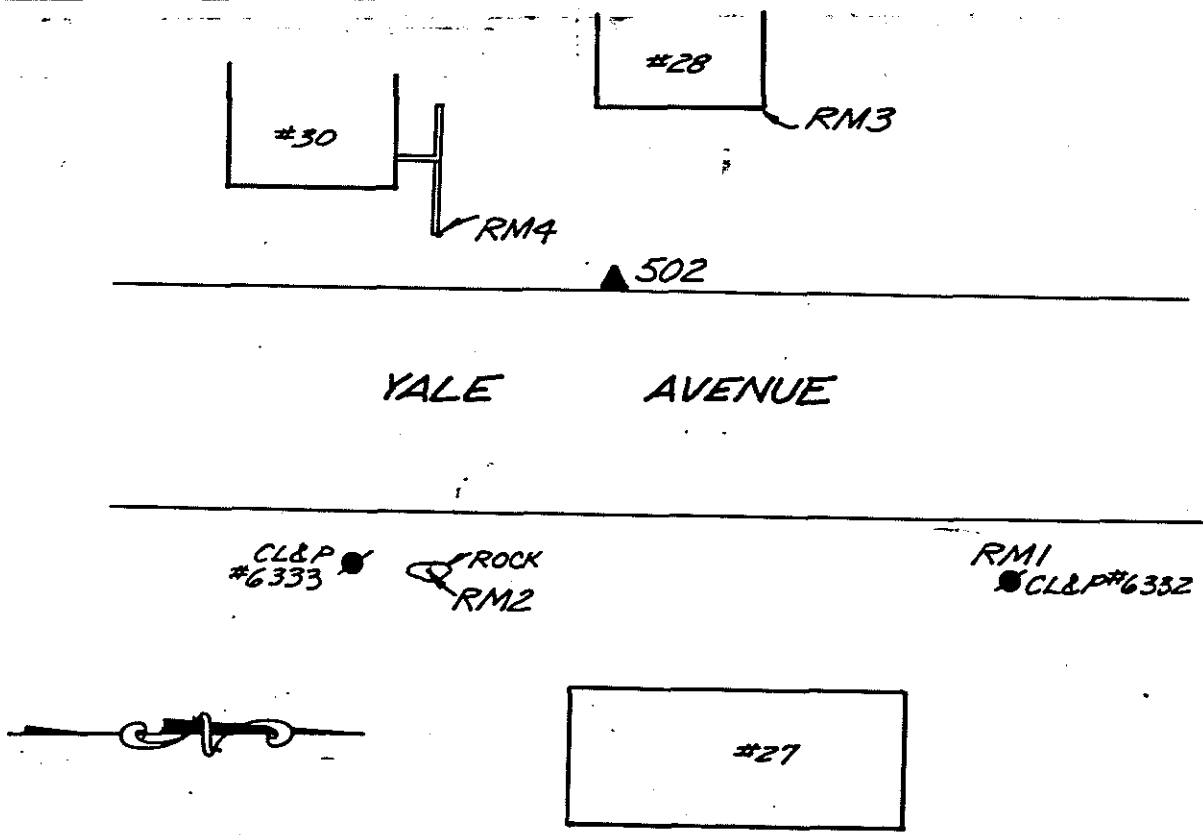
\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

### VICINITY MAP (NTS)



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-501	952.223	0°-00'-00"	184°-15'-01"
CP-503	472.676	185°-04'-53"	349°-19'-54.2"
RM1	72.97	208°-23'-59"	
RM2	41.76	312°-48'-31"	
RM3	95.83	95°-59'-59"	
RM4	36.89	22°-05'-07"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #502: ROD MONUMENT 2' WEST OF WEST EDGE OF YALE AVENUE. MONUMENT IS 35' NORTH OF NORTH RANGE OF WALL

RM1: NORTHEAST OF STATION - PK NAIL IN CL&P POLE #6332 ON THE EAST SIDE OF YALE AVENUE. THE NAIL IS 2' ABOVE THE GROUND

RM2: SOUTHEAST OF STATION - A 3/8" DRILL HOLE IN ROCK ON EAST SIDE OF YALE AVENUE. DRILL HOLE IS 8.5' NORTHEAST OF CL&P POLE #6333

RM3: WEST OF STATION - NORTHEAST CORNER OF HOUSE #28 AT THE ALUMINUM SIDING. THE TIE WAS TAKEN AT THE BOTTOM OF THE TRIM BOARD

RM4: SOUTHWEST OF STATION - NORTHEAST CORNER OF CONCRETE WALL AT TOP OF CONCRETE



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

76 KITTS LANE NEWINGTON, CT (203) 966-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-503

IN THE TOWN OF  
MIDDLEBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 756,776.838 FEET

E. 905,156.175 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-15.13603"

LONG. 73°-05'-47.15455"

THETA ANGLE - 0°-13'-46.8"

**TYPE OF MARKER**  
CITY ROD MON.

ALSO REFERRED TO AS STATION #

**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

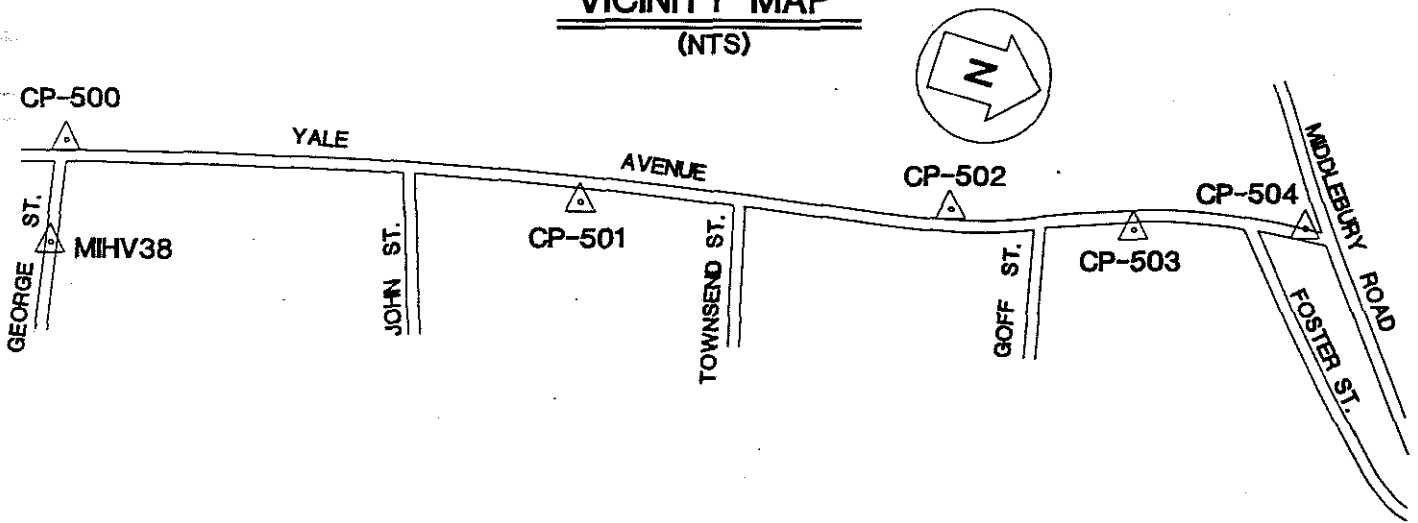
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

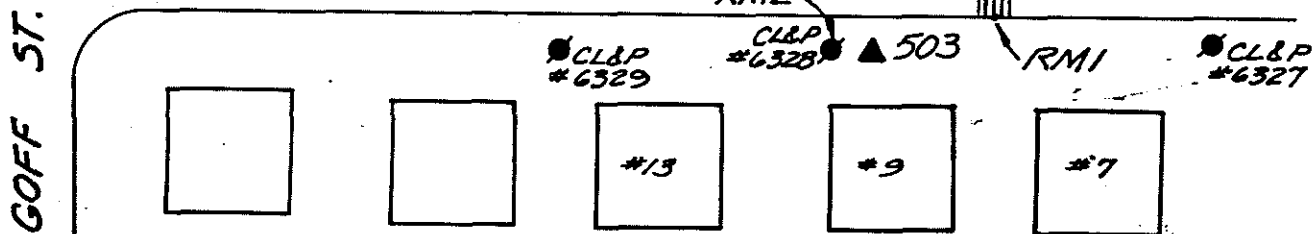
CONDITION OF STATION	BY	DATE

VICINITY MAP  
(NTS)



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-502	472.676	0°-00'-00"	169°-19'-54.2"
CP-504	442.147	173°-34'-24.9"	342°-54'-19.1"
RM1	43.03	174°-35'-39"	
RM2	8.89	311°-54'-13"	
RM3	72.19	93°-39'-02"	
RM4	43.92	143°-21'-02"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #503: ROD MONUMENT 2' EAST OF EAST CURB OF YALE AVENUE, 10' NORTH OF CL&P POLE #6328

RM1: NORTH OF STATION - A DRILL HOLE IN TOP OF CURB AT CATCH BASIN ON EAST SIDE OF YALE AVENUE

RM2: SOUTHEAST OF STATION - PK NAIL IN CL&P POLE #6328 ON EAST SIDE OF YALE AVENUE. PK NAIL IS 2' ABOVE THE GROUND

RM3: WEST OF STATION - NORTHEAST CORNER OF HOUSE #10 AT CONCRETE FOUNDATION. TIE WAS TAKEN 2' ABOVE THE GROUND

RM4: NORTHWEST OF STATION - A DRILL HOLE IN TOP OF CURB AT CATCH BASIN ON WEST SIDE OF YALE AVENUE



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 NOTTS LANE NEWINGTON, CT (203) 888-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-504

**IN THE TOWN OF**  
MIDDLEBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 757,199.452 FEET

E. 805,026.205 FEET

DATE 8 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-19.30621"

LONG. 73°-05'-48.88590"

THETA ANGLE - 0°-13'-48.1"

**TYPE OF MARKER**  
CITY ROD MON.

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

CONDITION OF STATION	BY	DATE

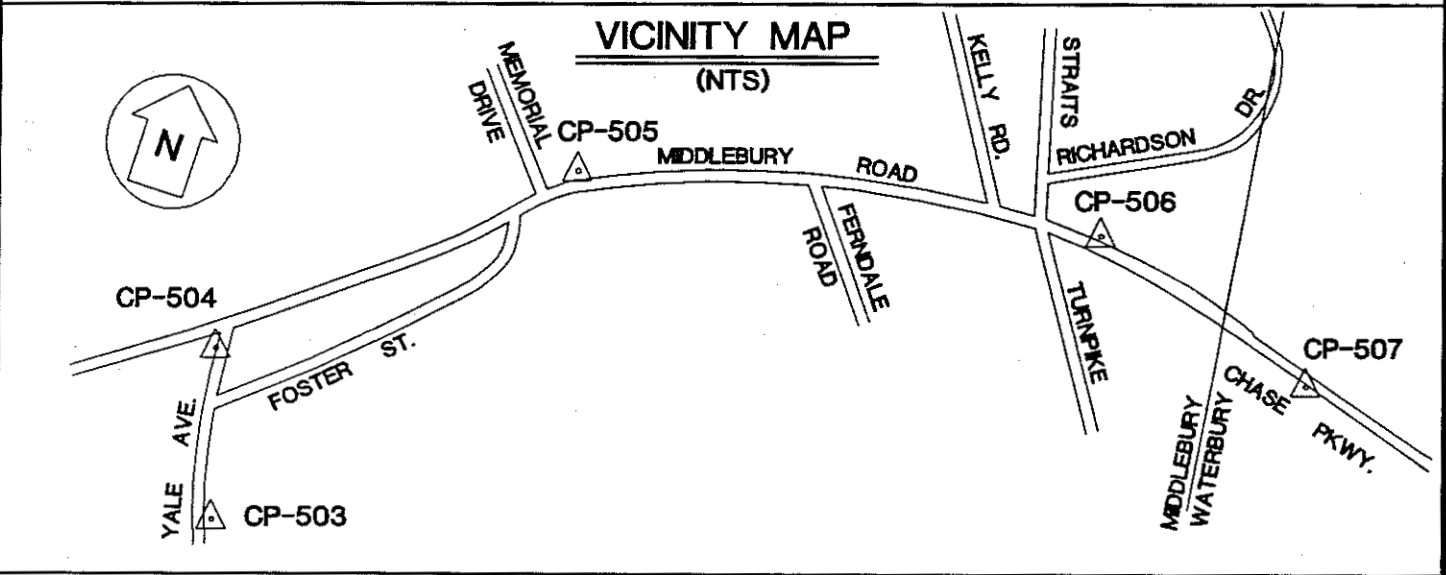
**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-503	442.147	0°-00'-00"	162°-54'-19.1"
CP-505	1030.310	242°-19'-40.4"	45°-13'-59.5"
RM1	29.71	205°-02'-40"	
RM2	63.39	325°-14'-10"	
RM3	20.35	18°-09'-18"	
RM4	56.72	279°-29'-52"	

SEE REVERSE SIDE FOR REFERENCE TIES

#2



ROCK 504  
RM3

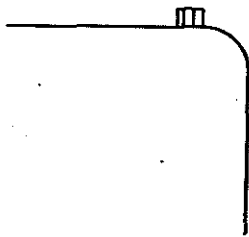
ROAD  
64)

PARK

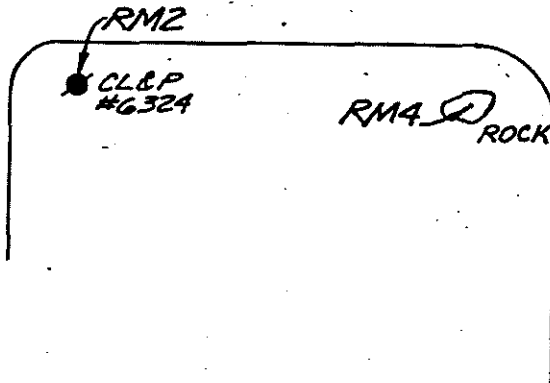
YALE AVENUE

RM1 - M.H.

CL&P  
65597



FOSTER  
ST.



RM2

CL&P  
#6324

RM4  
ROCK

MIDDLEBURY  
(ROUTE

BRISTOL

### REFERENCE TIES (N.T.S.)

### COMMENTS

STATION #504: ROD MONUMENT AT THE SOUTHWEST CORNER OF THE INTERSECTION OF YALE AVENUE AND MIDDLEBURY ROAD

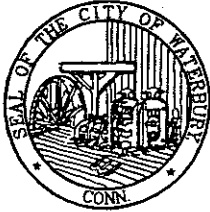
RM1: NORTH OF STATION - CHISELLED "+" IN A MANHOLE RIM ON THE SOUTH SIDE OF MIDDLEBURY ROAD. RM1 IS 20' EAST OF THE WEST EDGE OF YALE AVENUE AT ITS INTERSECTION WITH MIDDLEBURY ROAD

RM2: SOUTHEAST OF STATION - PK NAIL IN CL&P POLE #6324 ON EAST SIDE OF YALE AVENUE. PK NAIL IS 0.2' ABOVE THE GROUND

RM3: SOUTH OF STATION - DRILL HOLE IN ROCK ON WEST SIDE OF YALE AVENUE

RM4: EAST OF STATION - DRILL HOLE IN ROCK ON EAST SIDE OF YALE AVENUE. ROCK IS 47' NORTH OF CL&P POLE #6324 AND 3.5' EAST OF EAST EDGE OF YALE AVENUE





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-505

IN THE TOWN OF  
MIDDLEBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 757,925.020 FEET

E. 905,757.703 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-28.50357"

LONG. 73°-05'-39.30498"

THETA ANGLE - 0°-13'-417"

TYPE OF MARKER  
BRASS DISK

ALSO REFERRED TO AS STATION #

CONDITION OF STATION	BY	DATE

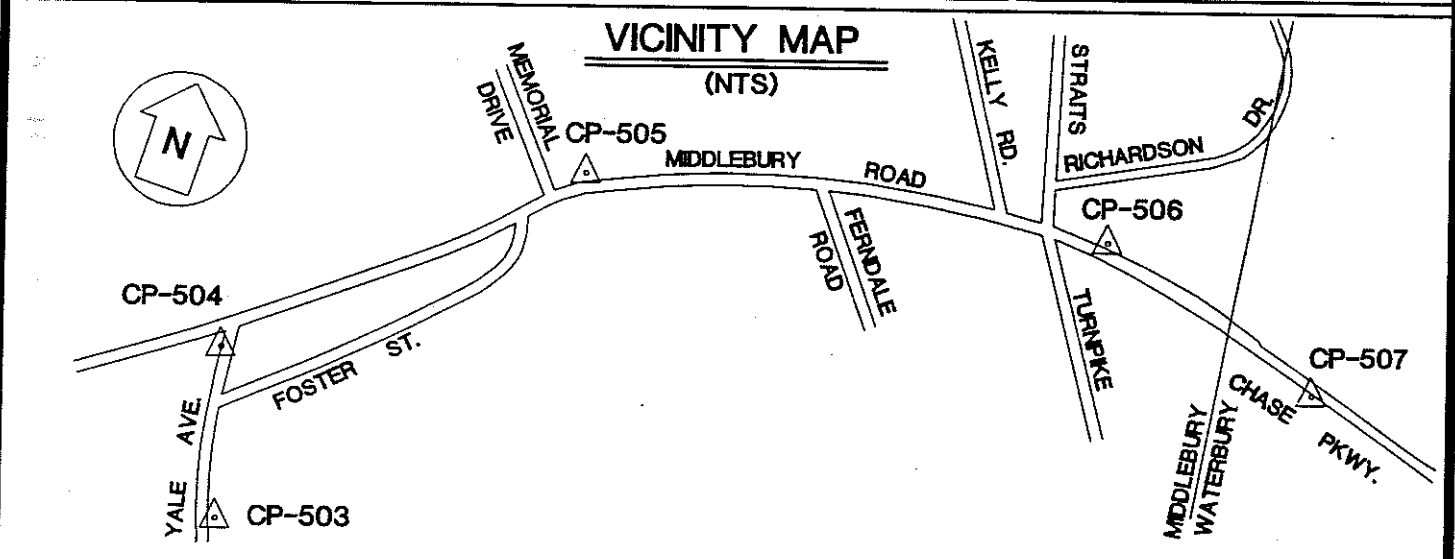
**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

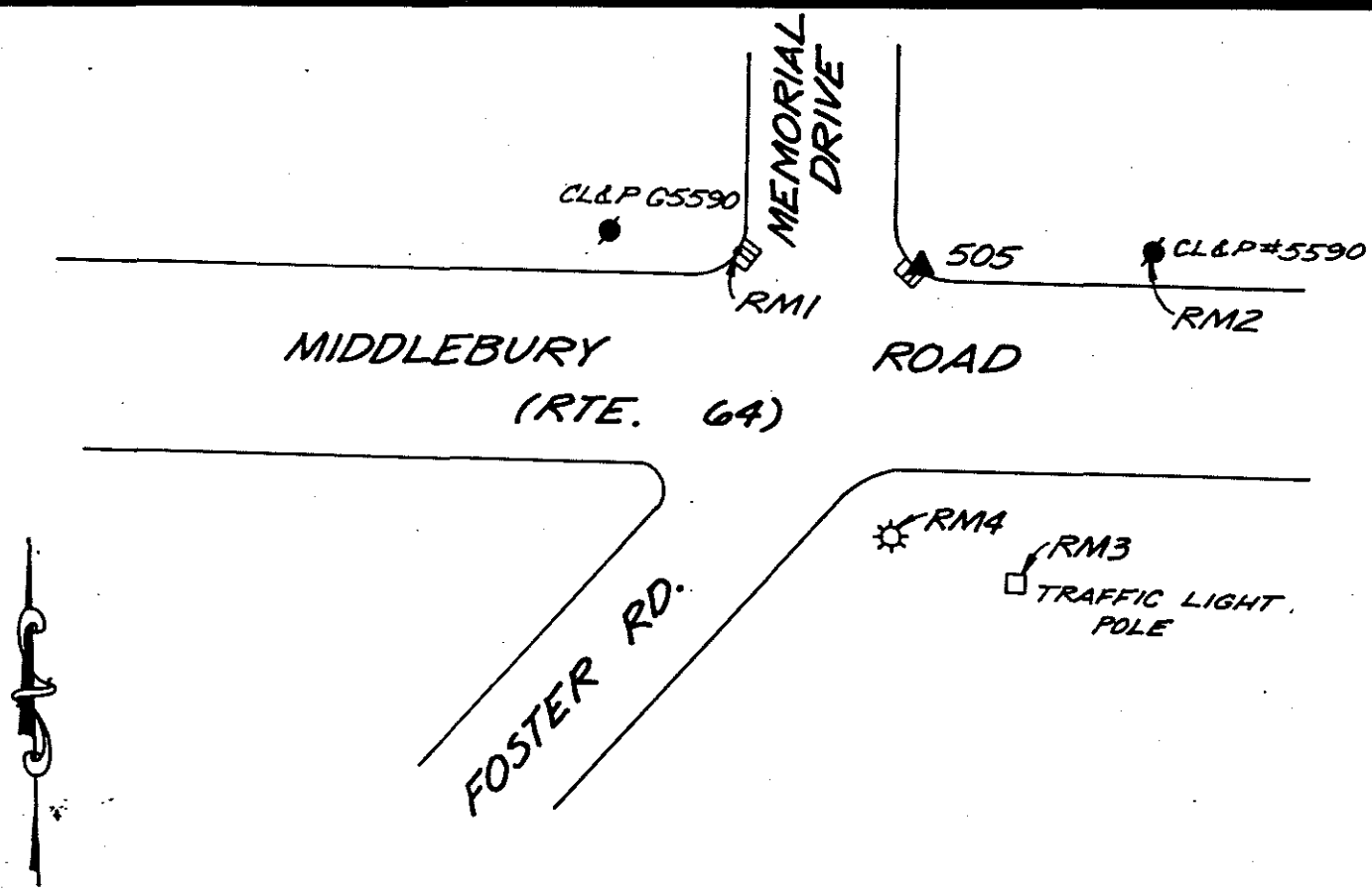
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-504	1030.310	0°-00'-00"	225°-13'-59.5"
CP-506	1356.859	213°-25'-09.3"	78°-39'-08.7"
RM1	39.31	18°-52'-11"	
RM2	72.03	208°-42'-37"	
RM3	61.12	271°-26'-18"	
RM4	100.79	328°-54'-22"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

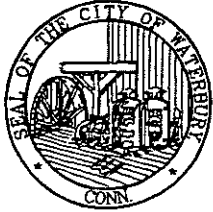
STATION #505: BRASS DISK IN TOP OF CURB AT CATCH BASIN ON EAST SIDE OF MEMORIAL DRIVE AT ITS INTERSECTION WITH MIDDLEBURY ROAD

RM1: WEST OF STATION - DRILL HOLE IN TOP OF CURB AT CATCH BASIN ON WEST SIDE OF MEMORIAL DRIVE

RM2: EAST OF STATION - PK NAIL IN CL&P POLE #5590 ON THE NORTH SIDE OF YALE AVENUE. PK NAIL IS 2' ABOVE THE GROUND

RM3: SOUTH OF STATION - DRILL HOLE IN NORTHEAST CORNER OF CONCRETE BASE FOR TRAFFIC LIGHT POLE ON THE SOUTH SIDE OF MIDDLEBURY ROAD.

RM4: SOUTHWEST OF STATION - DRILL HOLE IN NORTHEAST CORNER OF CONCRETE BASE FOR LIGHT STANDARD ON THE SOUTH SIDE OF MIDDLEBURY ROAD



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
E. \_\_\_\_\_ FEET  
DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
LONG. \_\_\_\_\_  
DATE \_\_\_\_\_

**STATION #**  
CP-508

IN THE TOWN OF  
MIDDLEBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 758,191.996 FEET  
E. 907,088.038 FEET  
DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-29.19322"  
LONG. 73°-05'-21.82476"  
THETA ANGLE - 0°-13'-30.1"

TYPE OF MARKER  
CITY ROD MON.

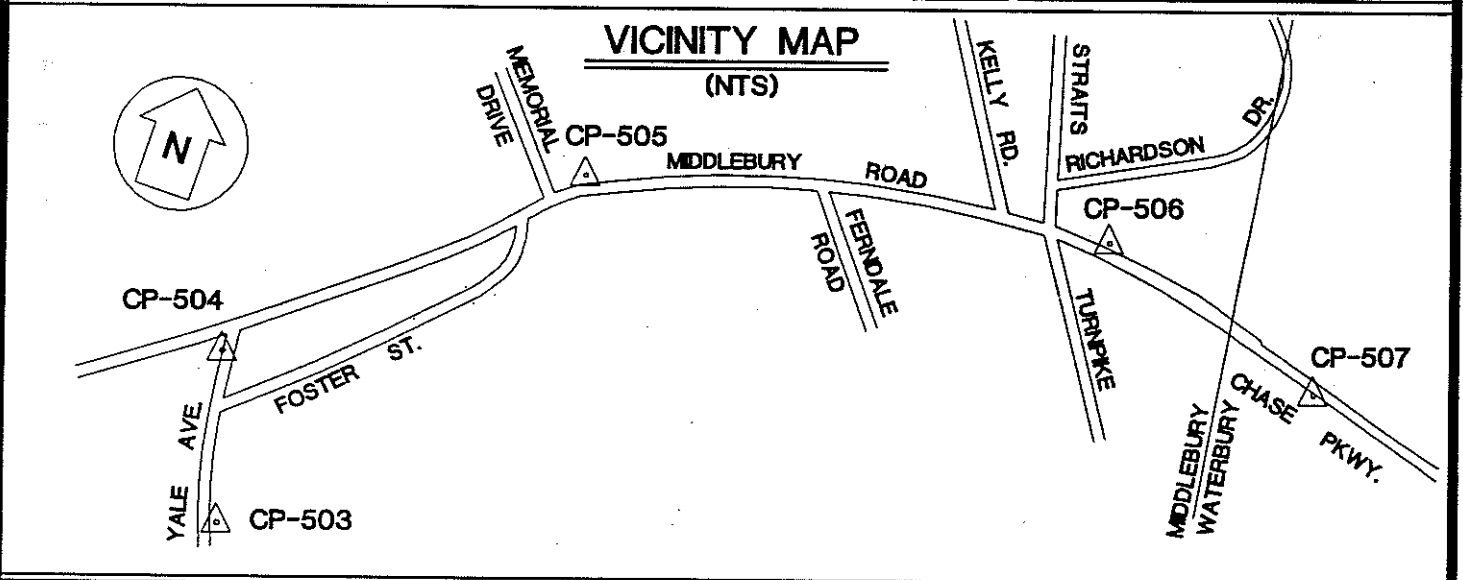
ALSO REFERRED TO AS STATION # \_\_\_\_\_

CONDITION OF STATION	BY	DATE

**ELEVATIONS**

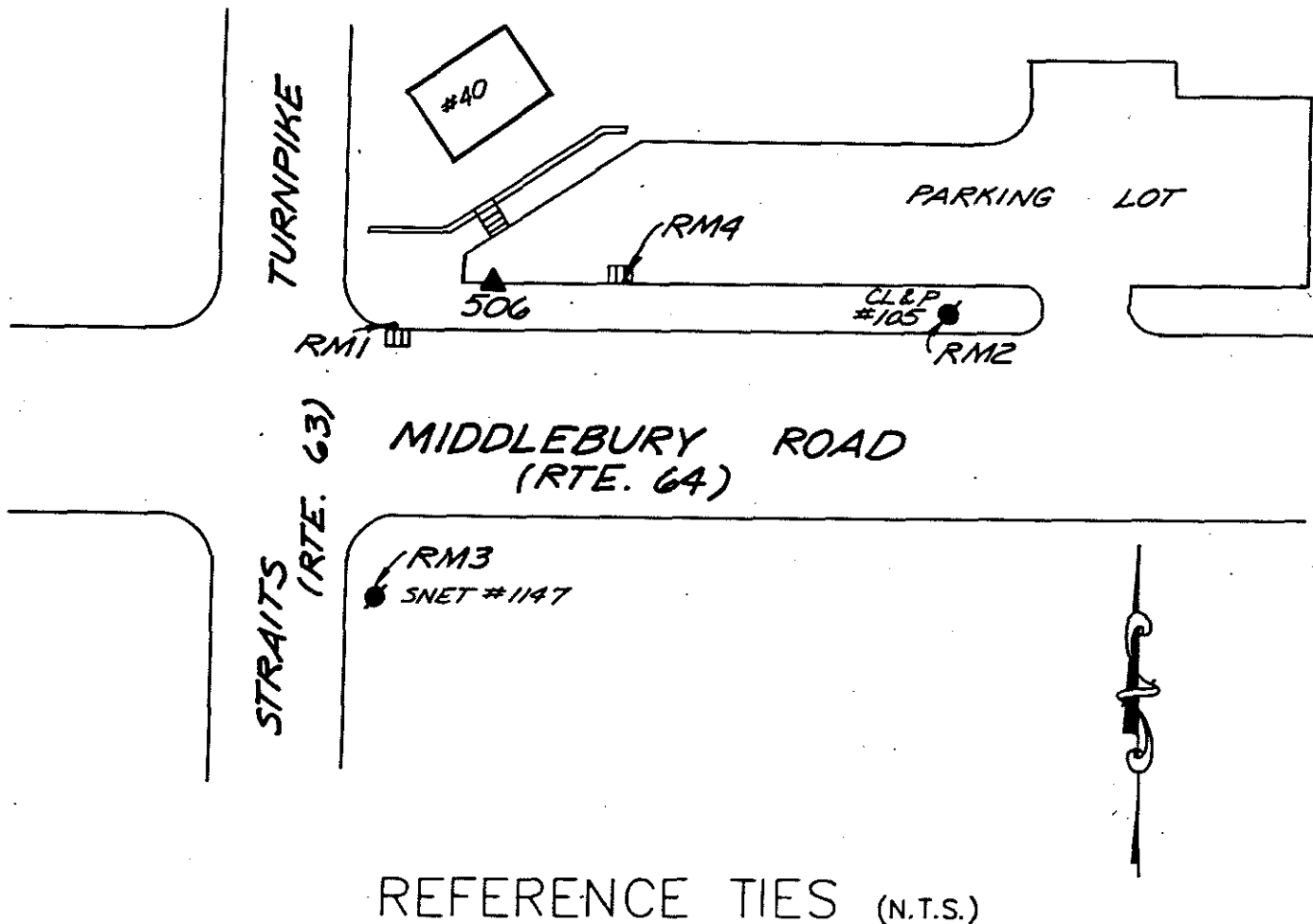
\_\_\_\_\_ FEET  
(NAVD 88)  
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)  
DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-505	1358.859	0°-00'-00"	258°-38'-08.7"
CP-507	655.604	209°-18'-53.3"	107°-58'-02.0"
RM1	85.87	07°-35'-00"	
RM2	75.80	200°-17'-23"	
RM3	136.98	298°-05'-41"	
RM4	28.01	193°-34'-18"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #506: ROD MONUMENT 1' SOUTH OF SOUTH CURB OF PARKING LOT ON THE NORTH SIDE OF MIDDLEBURY ROAD

RM1: WEST OF STATION - DRILL HOLE IN TOP OF CURB AT CATCH BASIN ON NORTH SIDE OF MIDDLEBURY ROAD

RM2: EAST OF STATION - PK NAIL IN CL&P POLE #105 ON THE NORTH SIDE OF MIDDLEBURY ROAD. PK NAIL IS 2' ABOVE THE GROUND

RM3: SOUTHWEST OF STATION - PK NAIL IN SNET CO. POLE #1147 ON SOUTH SIDE OF MIDDLEBURY ROAD. PK NAIL IS 3' ABOVE THE GROUND

RM4: EAST OF STATION - DRILL HOLE IN TOP OF CURB AT CATCH BASIN. THE CATCH BASIN IS LOCATED ON THE SOUTH EDGE OF THE PARKING LOT FOR HOUSE #40



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 666-0734

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-507

**IN THE TOWN OF  
 WATERBURY**

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 757,989.760 FEET  
 E. 907,711.670 FEET  
 DATE 8 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-27.21930"  
 LONG. 73°-05'-13.61349"  
 THETA ANGLE - 0°-13'-24.7"

**TYPE OF MARKER**  
 CGS DISK

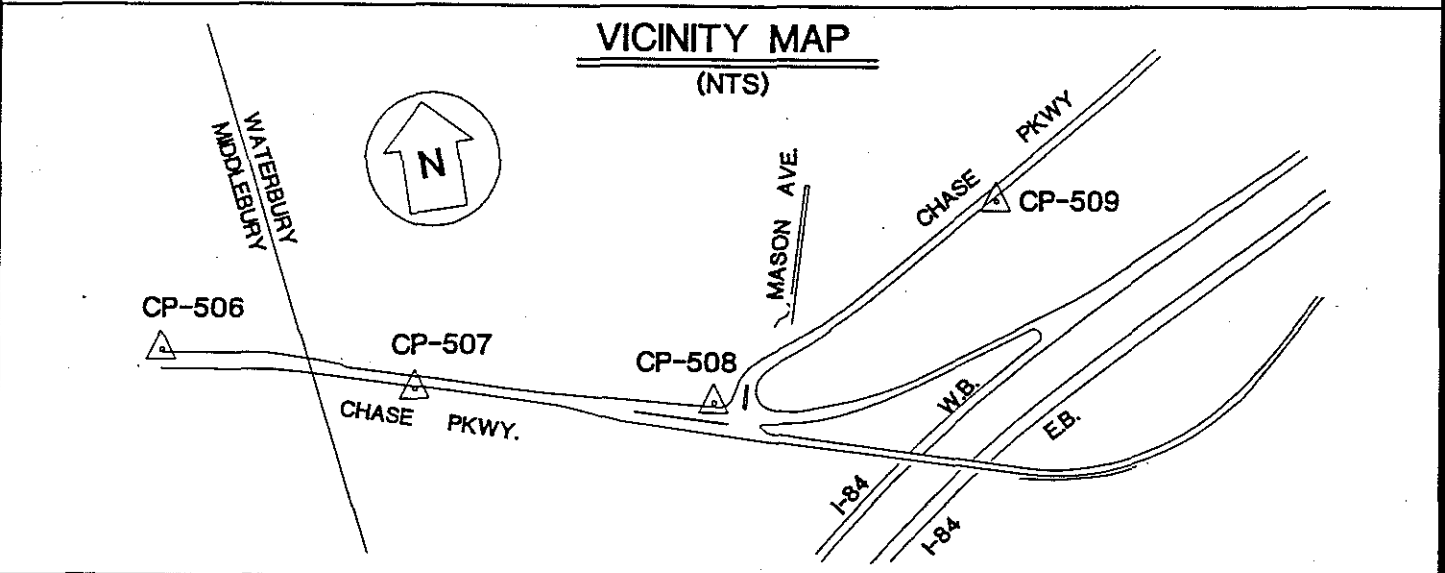
**ALSO REFERRED TO AS STATION #**  
 CTGS BM 2630

**ELEVATIONS**

\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

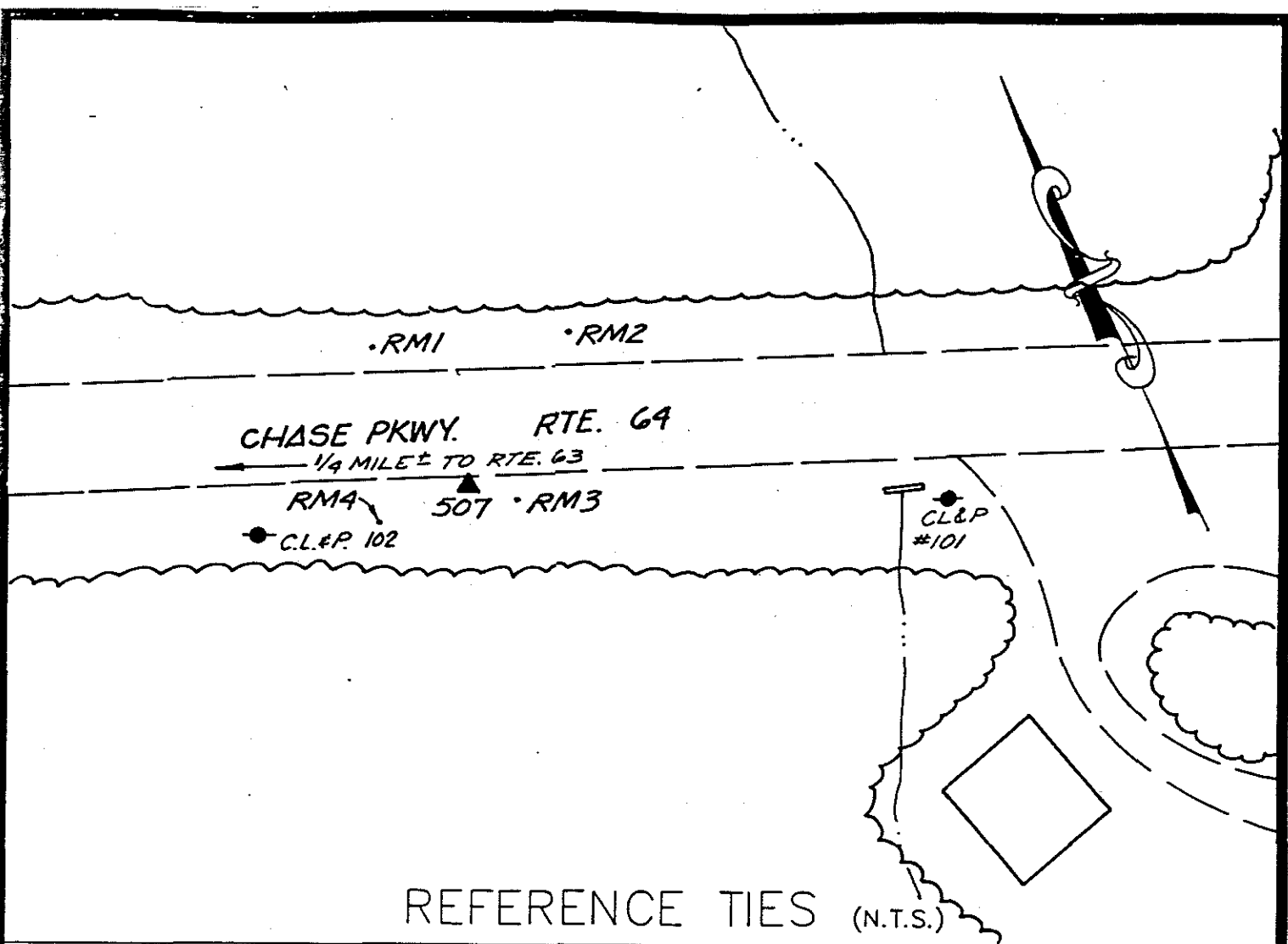
\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-506	655.604	0°-00'-00"	287°-58'-02.0"
CP-508	768.749	173°-47'-15.7"	101°-45'-17.7"
RM1	42.10	59°-17'-05"	
RM2	44.37	116°-20'-36"	
RM3	10.23	187°-32'-38"	
RM4	26.71	351°-44'-04"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

- STATION #507: STATION MARK IS U.S.C. AND G.S. VERTICAL CONTROL BRONZE DISK STAMPED L81, 1985 AND SET IN STONE, SOUTH OF CENTERLINE OF ROAD, 51' EAST OF CL&P POLE #102, 1.3' ABOVE SURFACE OF ROAD
- RM1: NORTH OF STATION - A DRILL HOLE IN STONE, NORTH OF CENTERLINE OF ROAD, WEST OF CATCH BASIN
- RM2: NORTHEAST OF STATION - A DRILL HOLE IN STONE, NORTH OF CENTERLINE OF ROAD
- RM3: EAST OF STATION - A DRILL HOLE IN STONE, SOUTH OF CENTERLINE OF ROAD
- RM4: WEST OF STATION - A DRILL HOLE IN STONE, SOUTH OF CENTERLINE OF ROAD, 25' EAST OF CL&P POLE #102



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-508

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 757,833.148 FEET  
 E. 908,464.297 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-25.70087"  
 LONG. 73°-05'-03.70840"  
 THETA ANGLE - 0°-13'-18.1"

**TYPE OF MARKER**  
 CITY ROD MON.

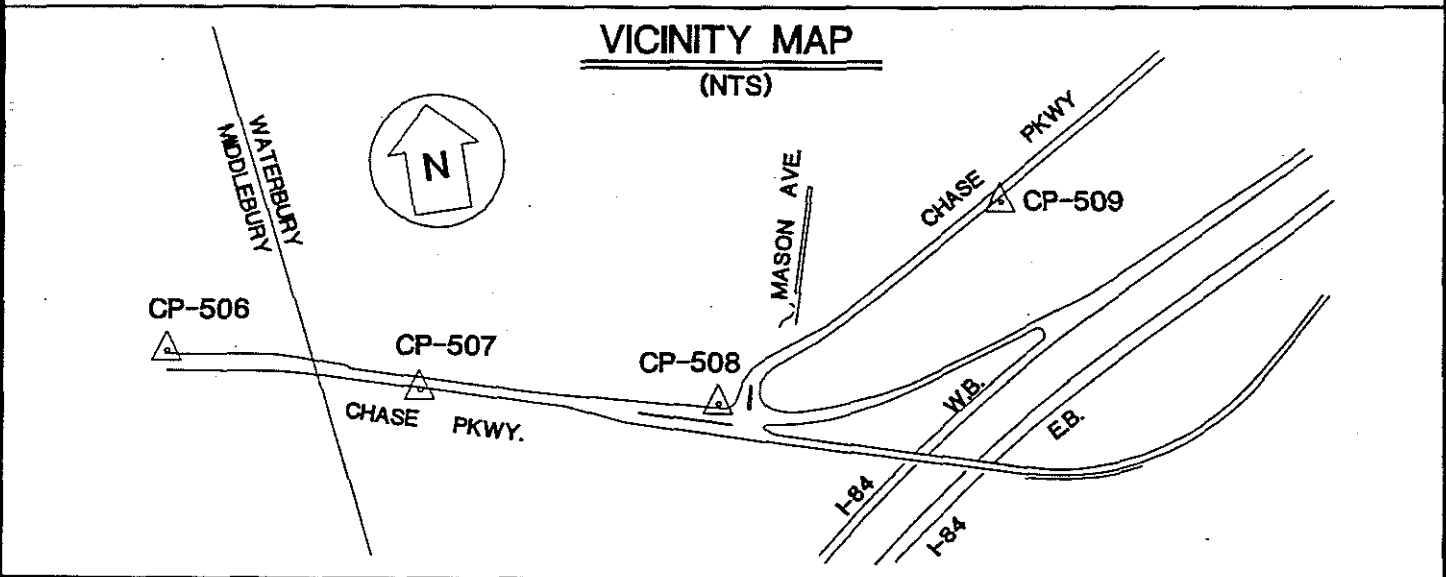
**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

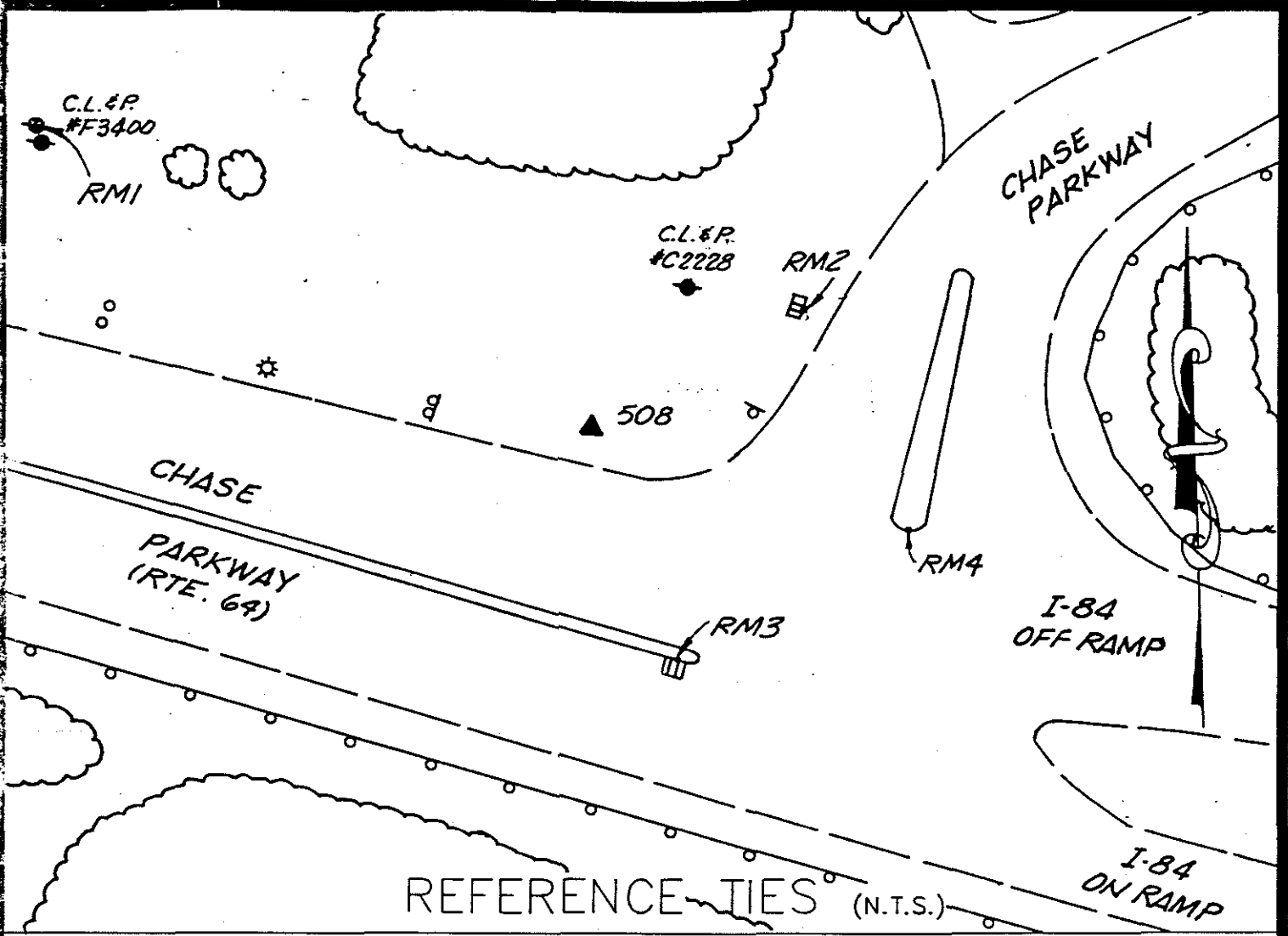
\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-507	768.749	0°-00'-00"	28°-45'-17.7"
CP-509	892.483	142°-00'-28.7"	63°-45'-44.4"
RM1	148.96	18°-46'-05"	
RM2	54.80	139°-39'-55"	
RM3	62.47	235°-53'-34"	
RM4	81.65	188°-38'-09"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #508: SET ROD MONUMENT 7' NORTH OF BIT. CURB OF CHASE PARKWAY AND 42' SOUTH OF CL&P POLE #C2228

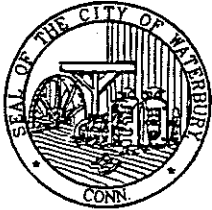
RM1: NORTHWEST OF STATION - A PK NAIL 2'± UP IN CL&P POLE #F3400, NORTH OF CENTERLINE OF ROAD (RTE. #64), CHASE PARKWAY

RM2: NORTHEAST OF STATION - A DRILL HOLE IN EAST SIDE OF FLAT TOP CATCH BASIN ON WEST SIDE OF CHASE PARKWAY, CATCH BASIN IS 10' WEST OF EDGE OF BIT.

RM3: SOUTHEAST OF STATION - A DRILL HOLE IN TOP OF CATCH BASIN, SOUTH SIDE OF BIT. ISLAND, CHASE PARKWAY

RM4: EAST OF STATION - A DRILL HOLE IN CONCRETE CURB OF SOUTH END OF ISLAND OF CHASE PARKWAY





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 668-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-509

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 758,227.709 FEET

E. 909,284.826 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-29.62954"

LONG. 73°-04'-53.20132"

THETA ANGLE - 0°-13'-11.2"

**TYPE OF MARKER**  
BRASS DISK

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

CONDITION OF STATION	BY	DATE

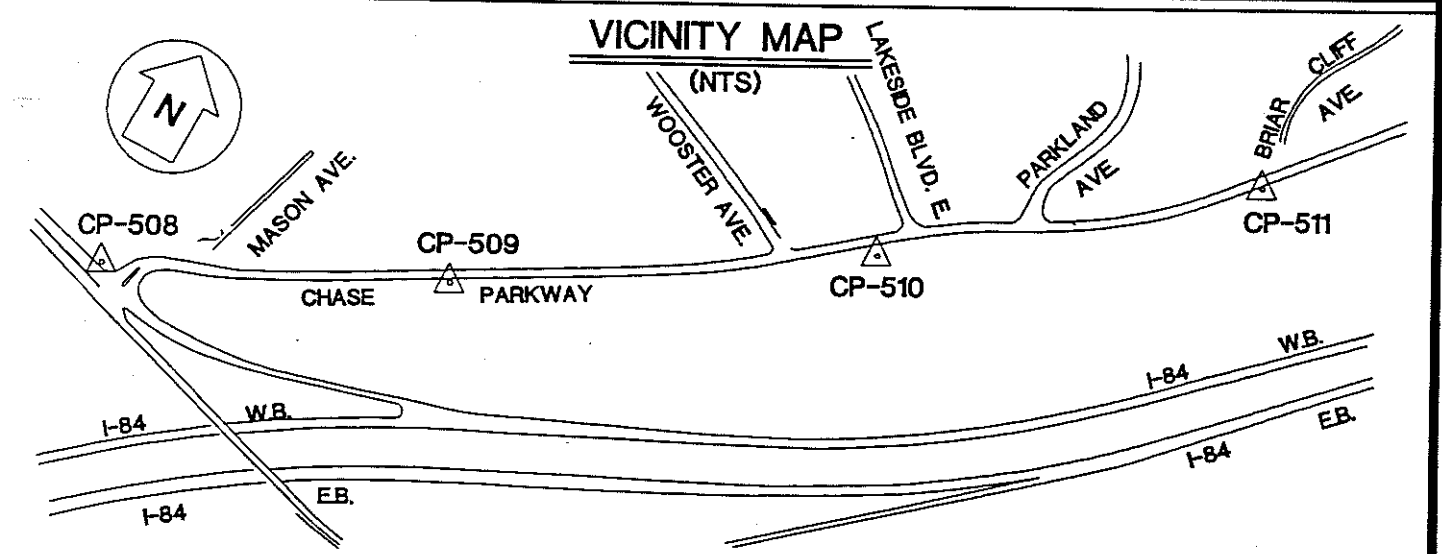
**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

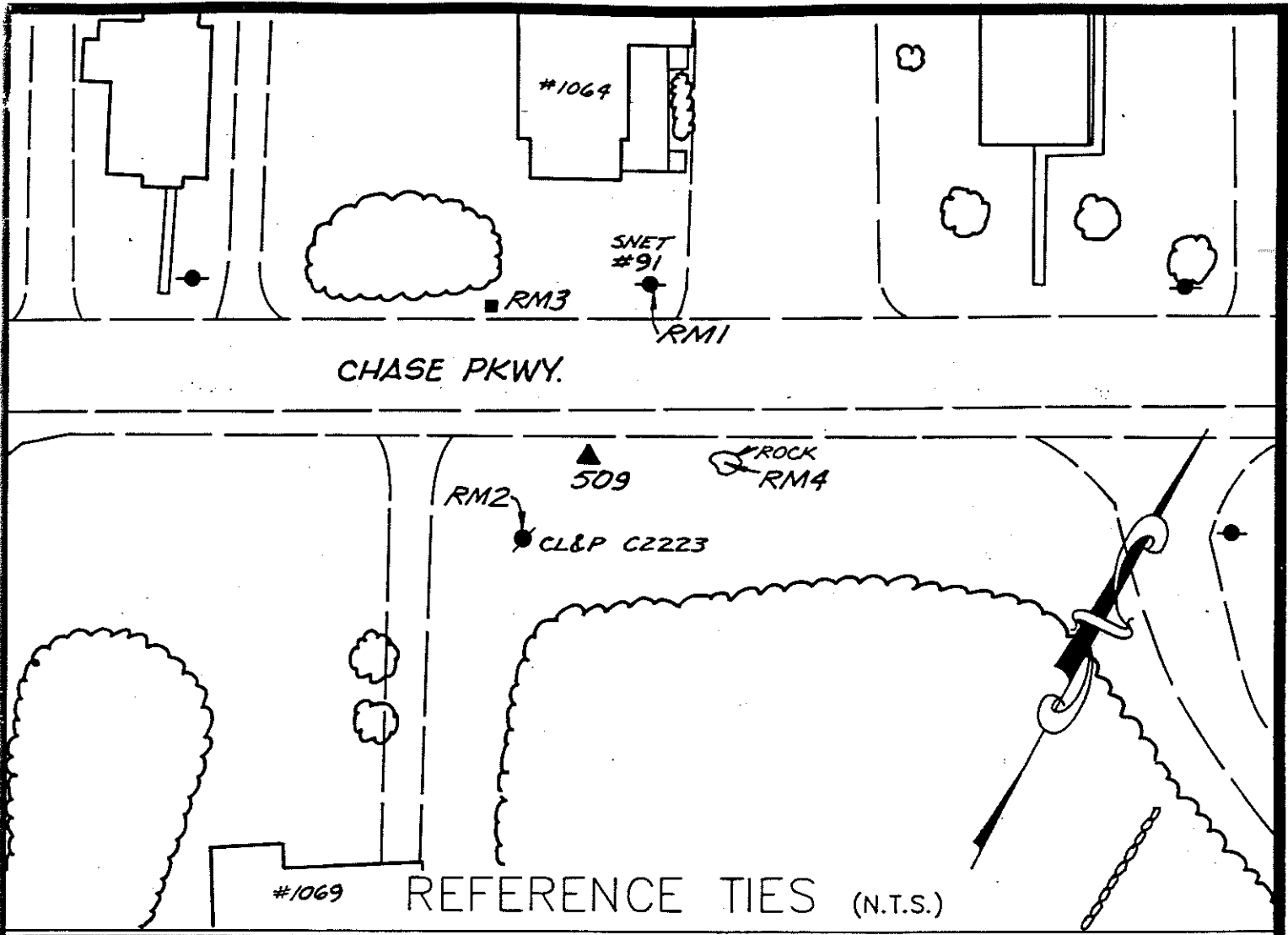
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-508	892.483	0°-00'-00"	243°-45'-44.4"
CP-510	1102.309	172°-53'-13.3"	56°-38'-57.7"
RM1	41.78	107°-39'-36"	
RM2	25.04	305°-02'-54"	
RM3	47.04	53°-38'-55"	
RM4	32.34	177°-38'-33"	

SEE REVERSE SIDE FOR REFERENCE TIES



CHASE PKWY.

REFERENCE TIES (N.T.S.)

COMMENTS

STATION #509: SET BRASS DISK IN ROCK ON SOUTH SIDE OF CHASE PARKWAY AND IS 5' SOUTH OF EDGE OF ROAD AND 17' EAST OF WEST RANGE OF HOUSE #1064

RM1: NORTH OF STATION - A PK NAIL 2'± UP IN SNET CO. POLE #91, NORTH OF CENTERLINE OF ROAD

RM2: SOUTH OF STATION - A PK NAIL 2'± UP IN CL&P POLE #C2223, SOUTH OF CENTERLINE OF ROAD

RM3: WEST OF STATION - CHD MONUMENT. MONUMENT IS ON NORTH SIDE OF CHASE PARKWAY AND 3' NORTH OF EDGE OF ROAD AND 6' WEST OF WEST RANGE OF HOUSE #1064

RM4: EAST OF STATION - A DRILL HOLE IN ROCK ON SOUTH SIDE OF CHASE PARKWAY, ROCK IS 6' SOUTH OF EDGE OF ROAD AND 9' EAST OF EAST RANGE HOUSE #1064



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KITS LANE NEWINGTON, CT (203) 686-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-510

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 758,833.718 FEET

E. 910,185.609 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-35.65148"

LONG. 73°-04'-41.12306"

THETA ANGLE - 0°-13'-03.2"

**TYPE OF MARKER**  
CITY ROD MON.

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

**ELEVATIONS**

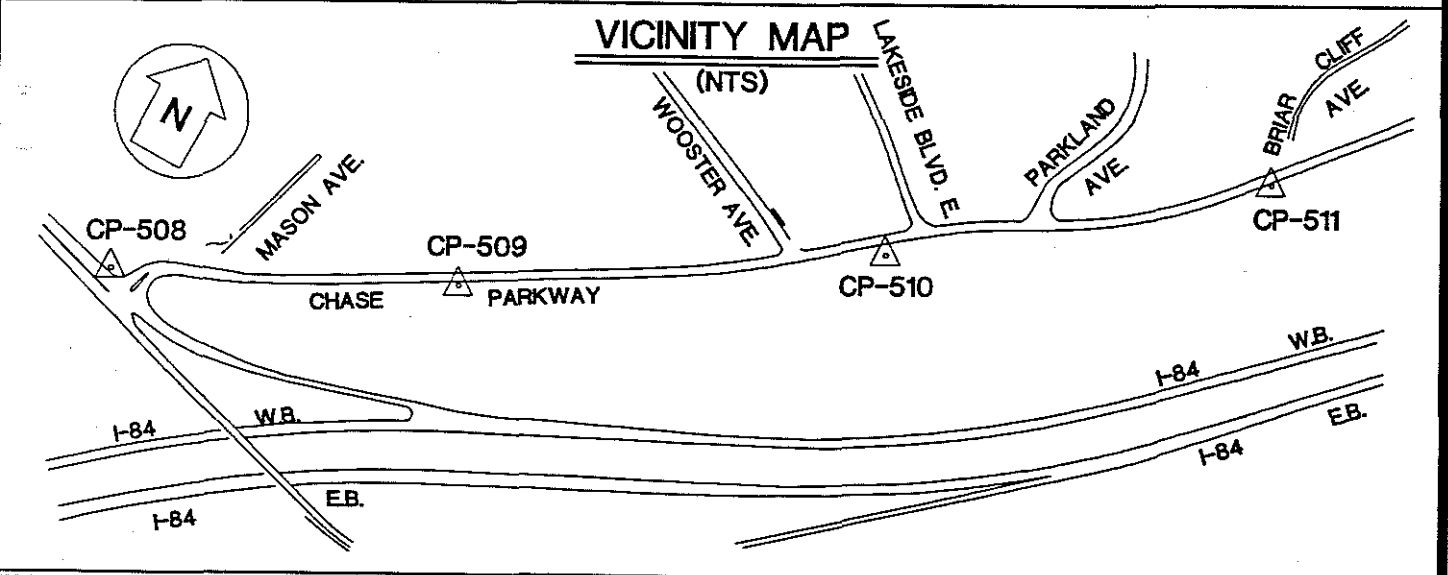
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

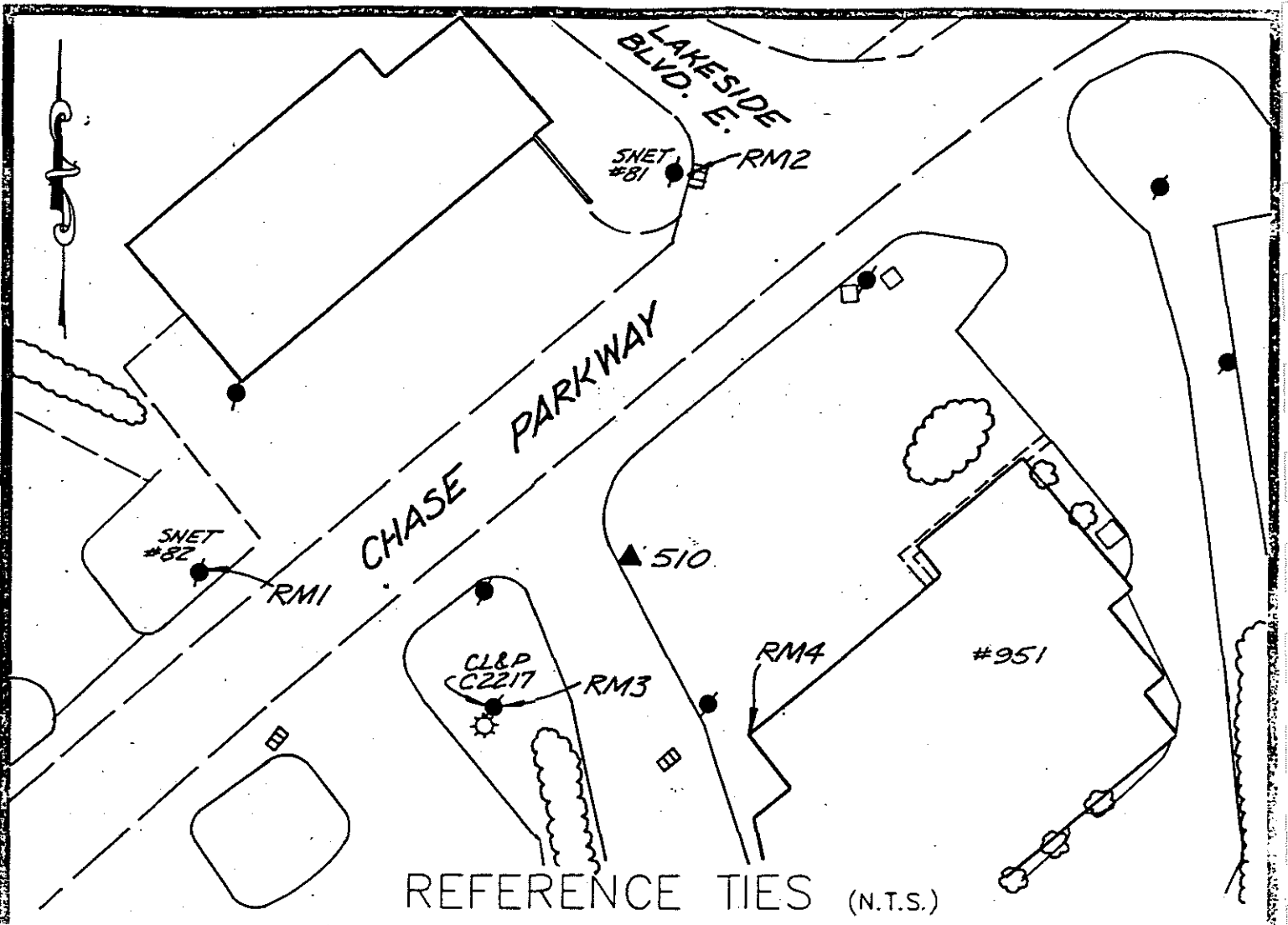
DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-509	1102.309	0°-00'-00"	236°-38'-57.7"
CP-511	1004.627	174°-05'-02.6"	50°-44'-00.3"
RM1	102.88	32°-01'-16"	
RM2	91.40	132°-22'-21"	
RM3	47.13	345°-22'-36"	
RM4	54.10	264°-42'-50"	

SEE REVERSE SIDE FOR REFERENCE TIES



COMMENTS

STATION #510: SET ROD MONUMENT ON SOUTH SIDE OF CHASE PARKWAY, 19' SOUTH OF SOUTH SIDE CURB AND 3' EAST OF DRIVEWAY ENTRANCE CURB

RM1: WEST OF STATION - A PK NAIL 2'± UP IN SNET CO. POLE #82

RM2: NORTHEAST OF STATION - A 3/8" DRILL HOLE IN TOP OF CURB OF CATCH BASIN ON NORTH SIDE OF CHASE PARKWAY AND 5' WEST OF THE WEST SIDE OF LAKESIDE BLVD.

RM3: SOUTHWEST OF STATION - A PK NAIL 2'± UP IN A CL&P POLE #C2217, SOUTH OF CENTERLINE OF CHASE PARKWAY

RM4: SOUTHEAST OF STATION - SOUTHWEST BRICK CORNER OF BUILDING #951, MEASUREMENT TAKEN 4' UP FROM GROUND



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-511

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 759,469.574 FEET

E. 910,963.401 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-41.96267"

LONG. 73°-04'-30.92612"

THETA ANGLE - 0°-12'-56.4"

**TYPE OF MARKER**  
CDOT MON.

**ALSO REFERRED TO AS STATION #**  
RAN C2268

**ELEVATIONS**

CONDITION OF STATION	BY	DATE

BY	DATE

\_\_\_\_\_ FEET  
(NAVD 88)

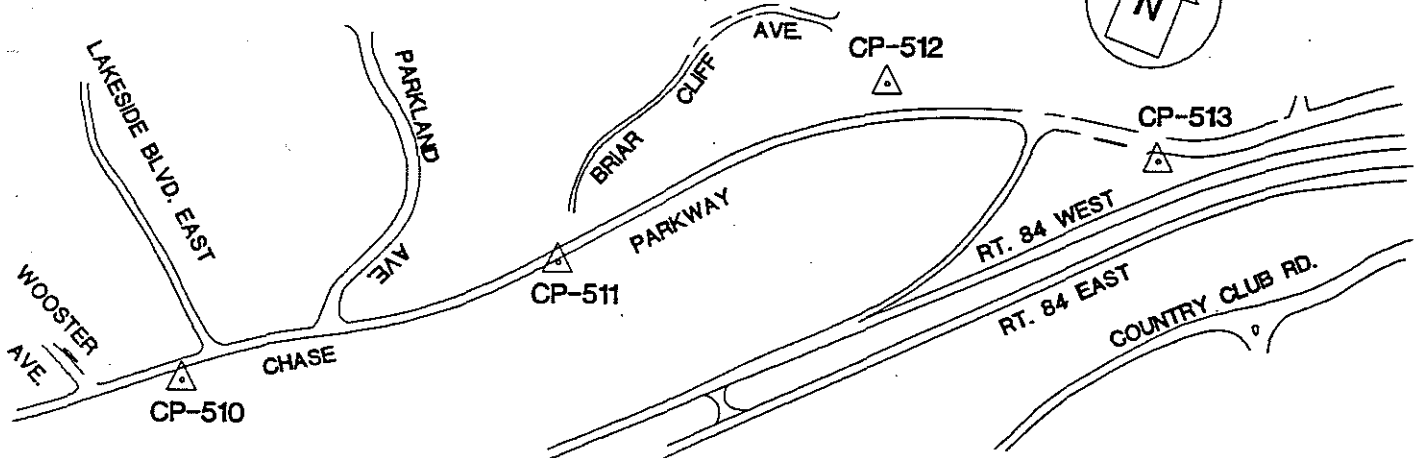
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

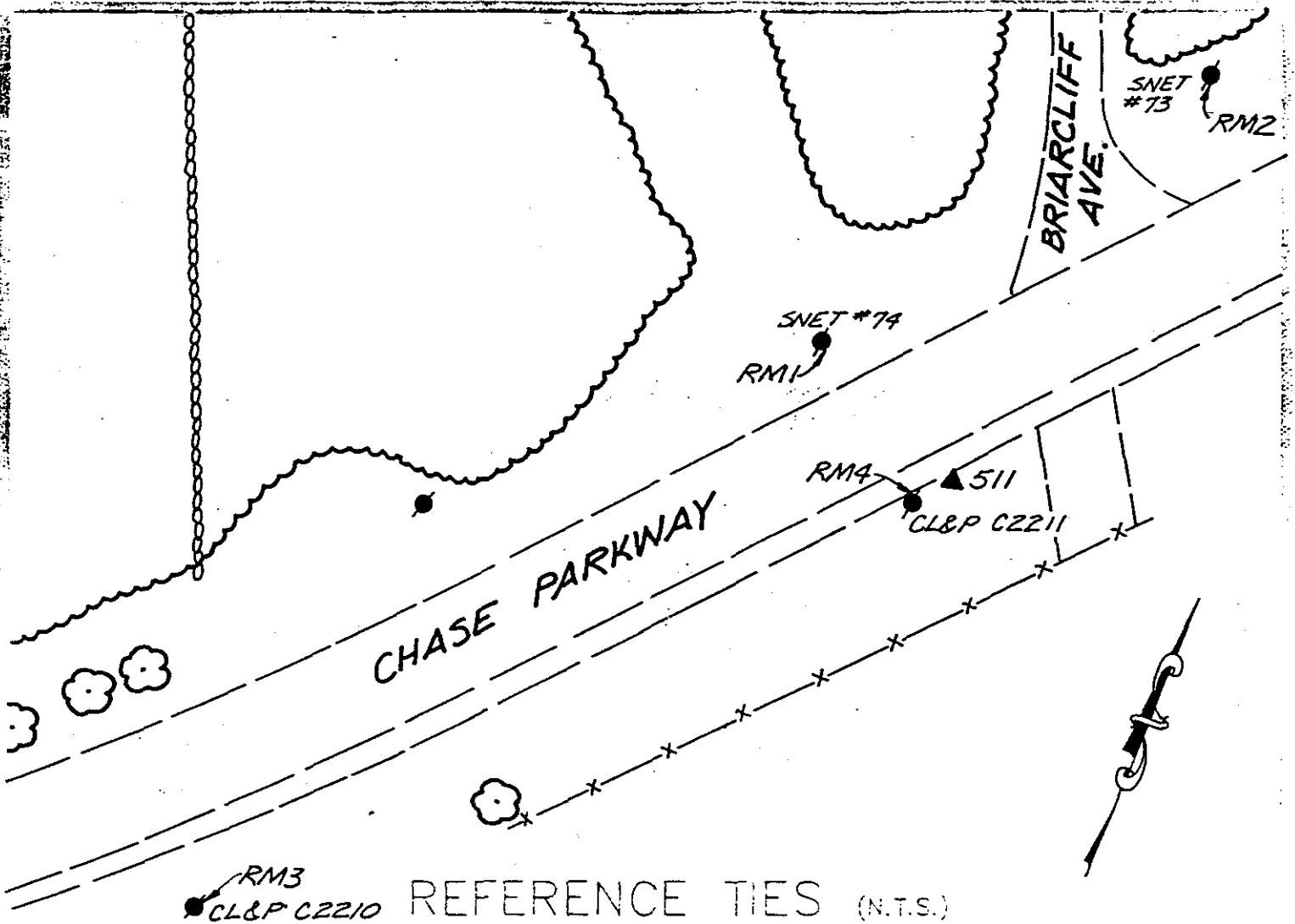
VICINITY MAP

(NTS)



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-510	1004.627	0°-00'-00"	230°-44'-00.3"
CP-512	965.216	169°-13'-09.1"	39°-57'-09.4"
RM1	43.04	69°-01'-19"	
RM2	116.93	140°-43'-28"	
RM3	210.35	349°-37'-28"	
RM4	4.85	318°-10'-42"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

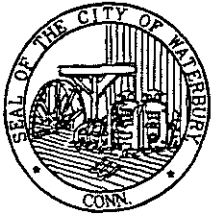
STATION #511: C.D.O.T. MONUMENT ON SOUTH SIDE OF CHASE PARKWAY, 1' SOUTH OF EDGE OF ROAD AND 54' WEST OF THE CENTERLINE OF BRIARCLIFF AVE.

RM1: WEST OF STATION - A PK NAIL 2'± UP IN SNET CO. POLE #74, NORTH OF CENTERLINE OF ROAD

RM2: NORTH OF STATION - A PK NAIL 2'± UP IN SNET CO. POLE #73, NORTH OF CENTERLINE OF ROAD

RM3: SOUTHWEST OF STATION - A PK NAIL 2'± UP IN CL&P POLE #C2211, SOUTH OF CENTERLINE OF ROAD

RM4: SOUTH OF STATION - A PK NAIL 3'± UP IN CL&P POLE #C2210, SOUTH OF CENTERLINE OF ROAD



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-512

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 760,209.485 FEET

E. 911,583.218 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-49.29579"

LONG. 73°-04'-22.81137"

THETA ANGLE - 0°-12'-51.0"

**TYPE OF MARKER**  
BRASS DISK

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

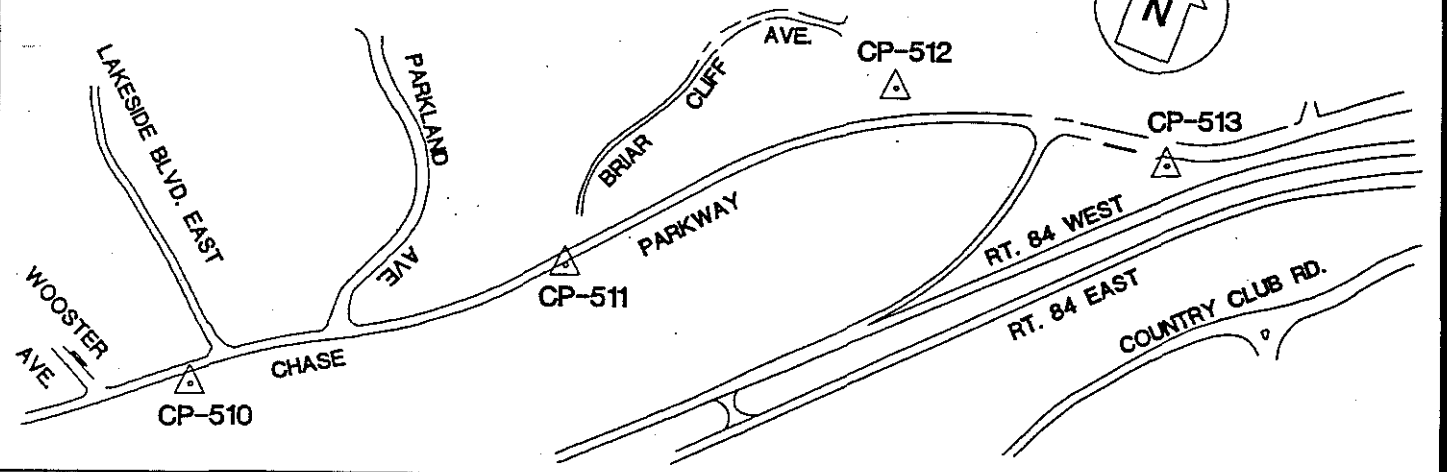
**ELEVATIONS**

CONDITION OF STATION	BY	DATE

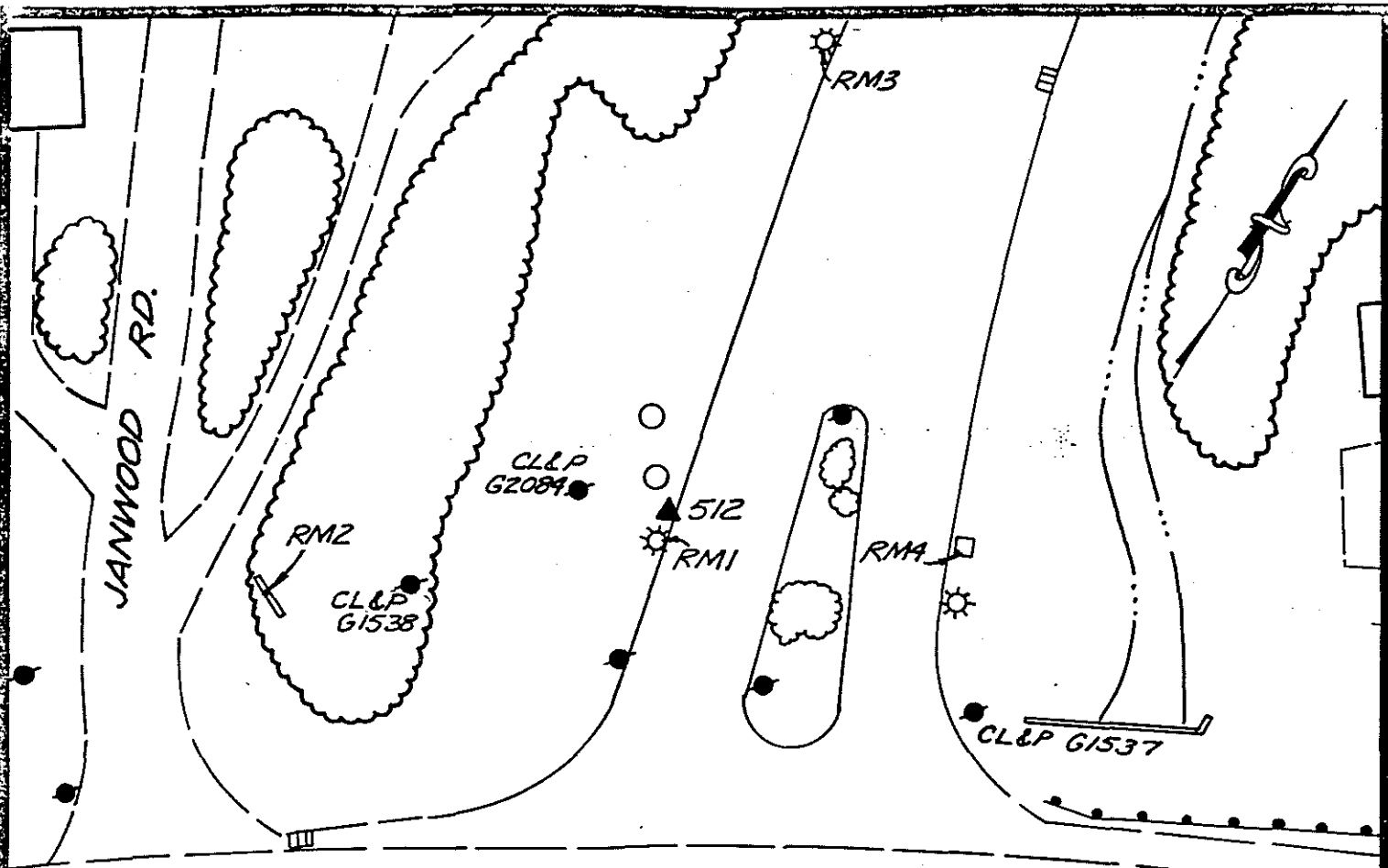
FEET (NAVD 88)
_____
DATE _____

FEET (CITY OF WATERBURY DATUM)
_____
DATE _____

**VICINITY MAP  
(NTS)**



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-511	965.216	0°-00'-00"	219°-57'-09.4"
CP-513	726.184	224°-29'-27.8"	84°-26'-37.0"
RM1	5.98	328°-54'-59"	
RM2	92.55	08°-58'-09"	
RM3	110.36	128°-45'-52"	
RM4	66.86	211°-28'-39"	



CHASE PARKWAY  
REFERENCE TIES (N.T.S.)

COMMENTS

STATION #512: SET BRASS DISK IN CONCRETE CURB ON WEST SIDE OF HIGHER EDUCATION CENTER ENTRANCE AND 22' EAST OF CL&P POLE #G2084

RM1: SOUTH OF STATION - A 3/8" DRILL HOLE IN LIGHT STANDARD CONCRETE BASE

RM2: SOUTHWEST OF STATION - A 3/8" DRILL HOLE IN TOP OF CONCRETE HEADWALL

RM3: NORTHWEST OF STATION - A 3/8" DRILL HOLE IN LIGHT STANDARD CONCRETE BASE

RM4: EAST OF STATION - A 3/8" DRILL HOLE IN LIGHT STANDARD CONCRETE BASE





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
E. \_\_\_\_\_ FEET  
DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
LONG. \_\_\_\_\_  
DATE \_\_\_\_\_

**STATION #**  
CP-513

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 760,279.798 FEET  
E. 912,305.990 FEET  
DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-50.01706"  
LONG. 73°-04'-13.30931"  
THETA ANGLE - 0°-12'-44.7"

**TYPE OF MARKER**  
BRASS DISK

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

**ELEVATIONS**

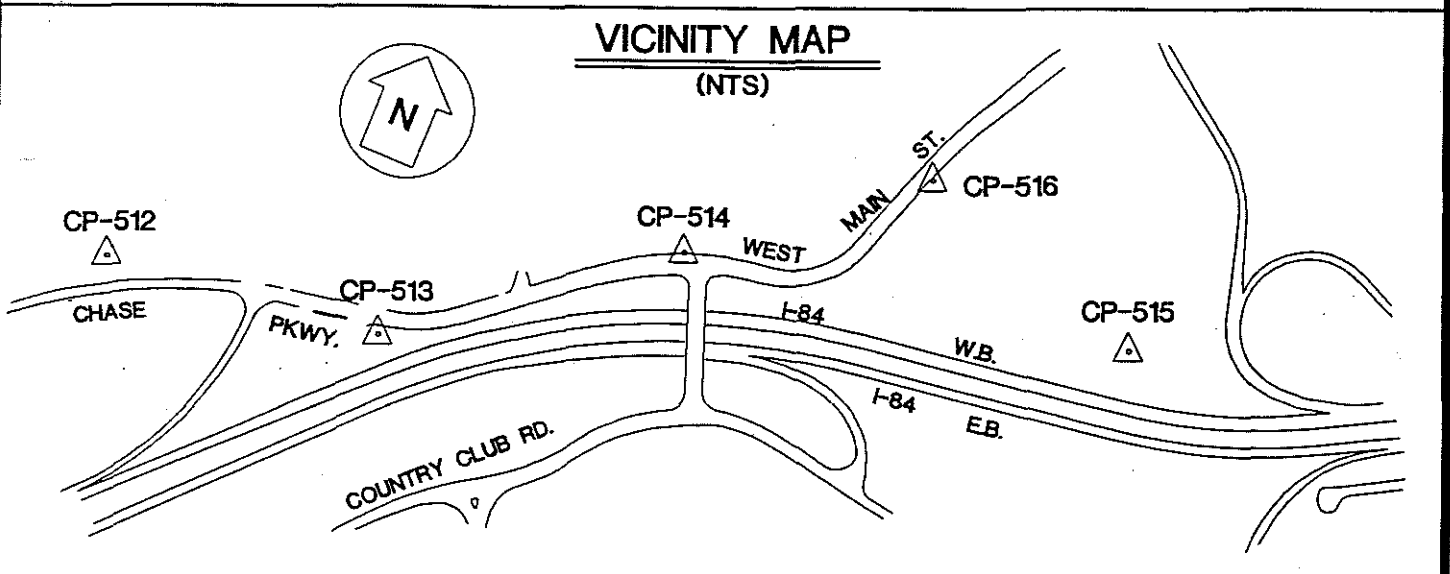
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

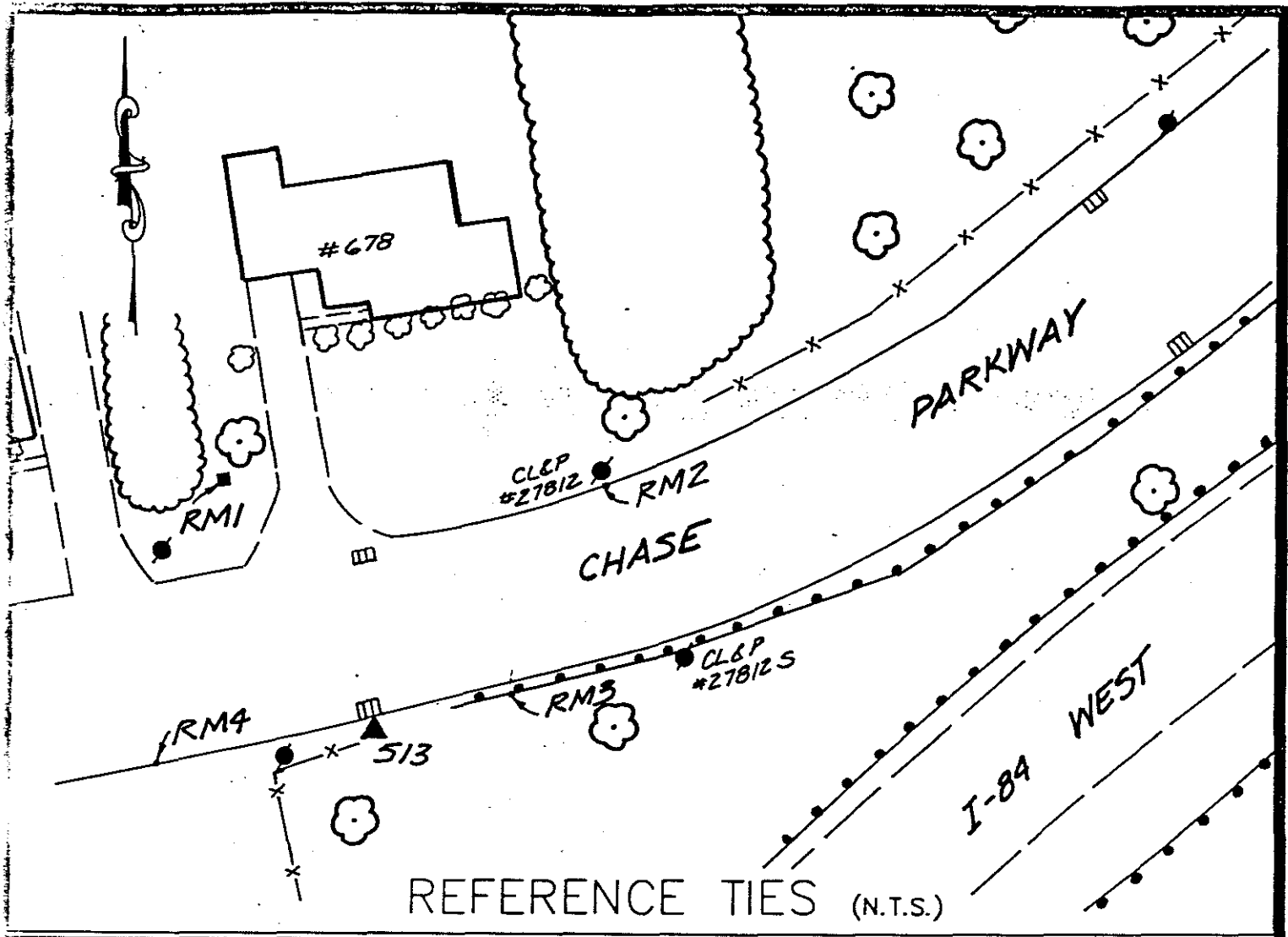
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-512	726.184	0°-00'-00"	264°-26'-37.0"
CP-514	811.493	148°-19'-13.0"	52°-45'-50.0"
RM1	88.70	62°-58'-48"	
RM2	92.78	130°-21'-53"	
RM3	31.33	188°-03'-00"	
RM4	44.53	348°-52'-36"	



REFERENCE TIES (N.T.S.)

COMMENTS

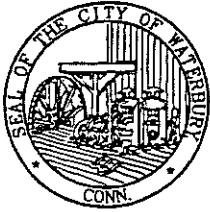
STATION #513: SET BRASS DISK IN TOP OF CURB ON THE SOUTH SIDE OF CHASE PARKWAY OPPOSITE HOUSE #678

RM1: NORTHWEST OF STATION - THE CENTER OF CROSS ON A CHD MONUMENT, 15' NORTH OF NORTH CURB OF CHASE PARKWAY AND 21' WEST OF WEST RANGE OF HOUSE #678

RM2: NORTHEAST OF STATION -- A 3/8" DRILL HOLE IN CONCRETE CURB ON NORTH SIDE OF CHASE PARKWAY, OPPOSITE OF CL&P POLE #27812

RM3: EAST OF STATION - A CHISEL "+" ON WEST ANCHOR BOLT OF STEEL GUIDE RAIL ON THE SOUTH SIDE OF CHASE PARKWAY

RM4: WEST OF STATION - A PK NAIL IN CONCRETE CURB AT EXPANSION JOINT AT CORNER OF COMMUTER BIT. PARKING LOT ON THE SOUTH SIDE OF CHASE PARKWAY



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 666-0734

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-514

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 760,770.833 FEET

E. 912,952.059 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-54.89195"

LONG. 73°-04'-04.83636"

THETA ANGLE - 0°-12'-39.1"

**TYPE OF MARKER**  
BRASS DISK

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

CONDITION OF STATION	BY	DATE

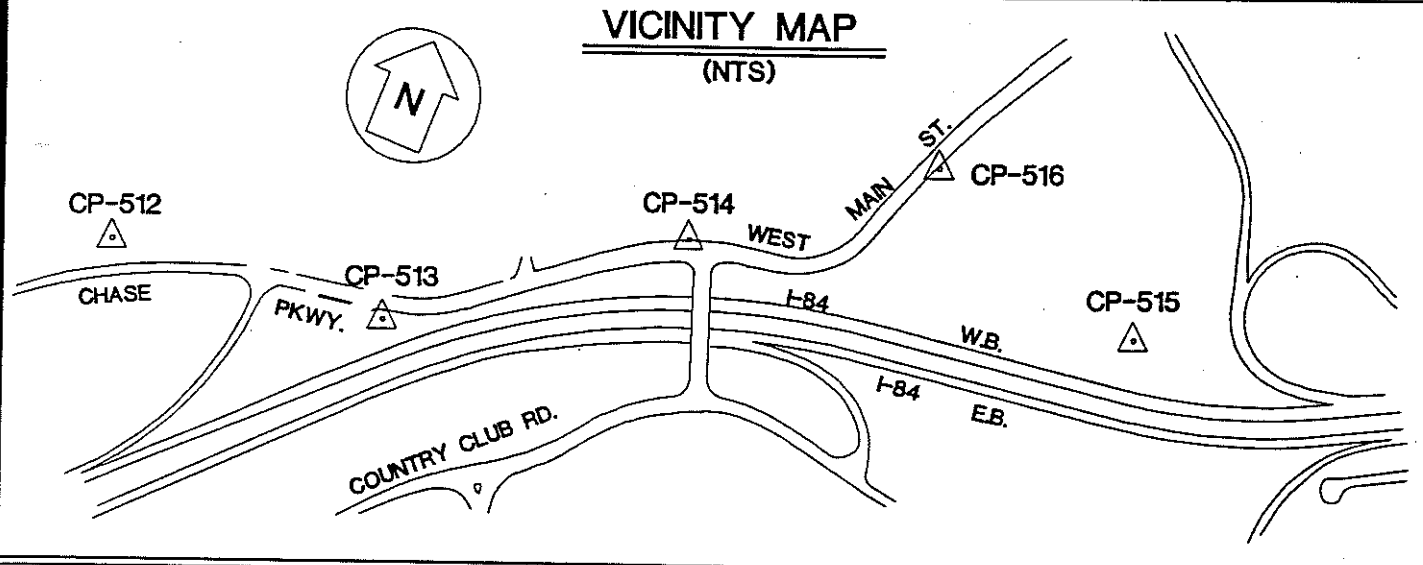
**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

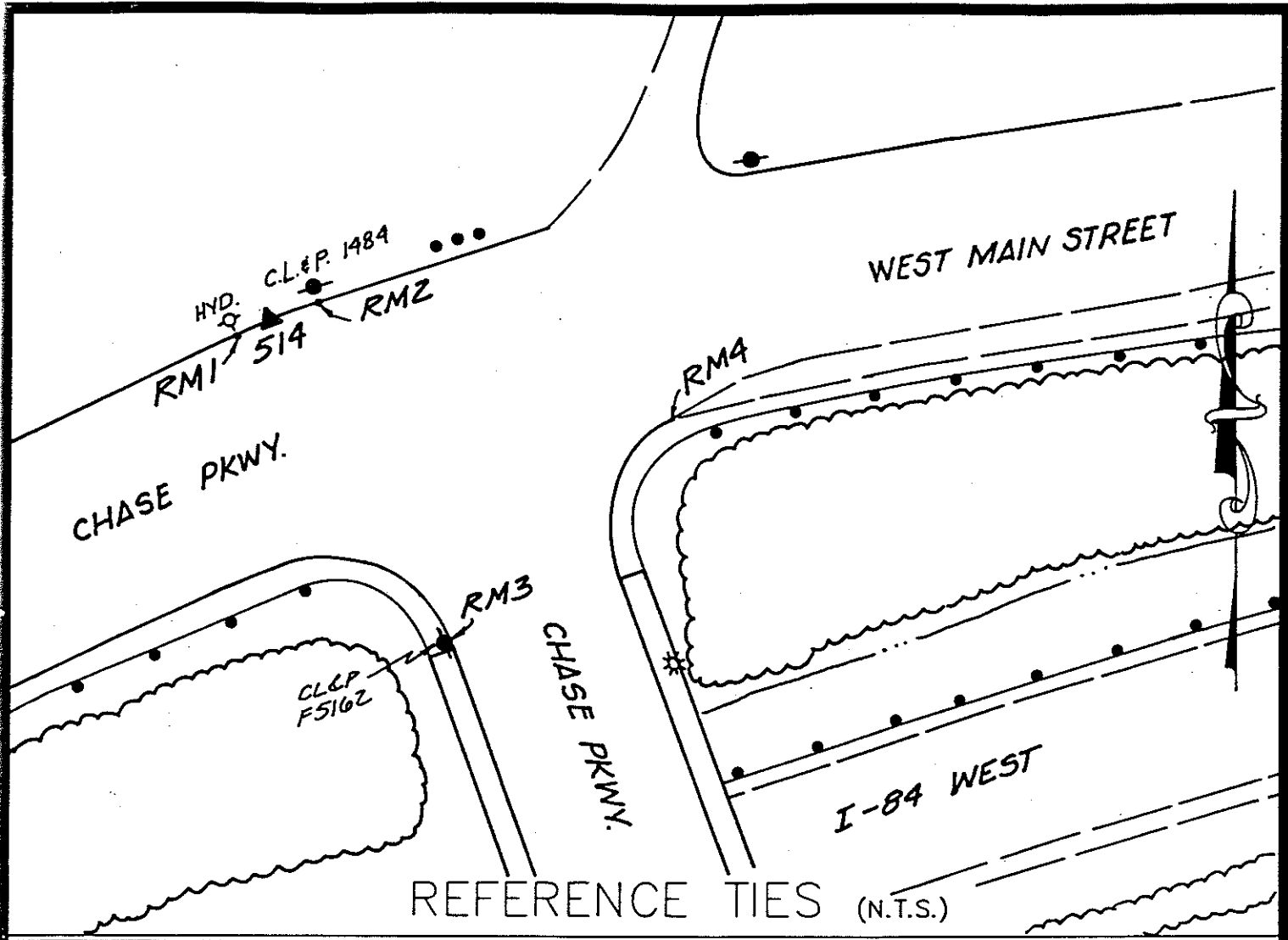
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-513	811.493	0°-00'-00"	232°-45'-50.0"
CP-515	1173.348	207°-44'-21.4"	80°-30'-11.5"
RM1	8.59	14°-23'-40"	
RM2	13.93	195°-11'-42"	
RM3	63.25	297°-05'-40"	
RM4	103.80	230°-34'-21"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #514: SET BRASS DISK IN CONCRETE CURB ON THE NORTH SIDE OF CHASE PARKWAY, 60' WEST OF ITS INTERSECTION WITH WEST MAIN STREET AND 35' NORTHEAST OF A BELL TELEPHONE MANHOLE

RM1: SOUTHWEST OF STATION - A 3/8" DRILL HOLE ON THE WEST SIDE OF CHASE PARKWAY OPPOSITE A HYDRANT

RM2: NORTHEAST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB ON THE NORTH SIDE OF CHASE PARKWAY, OPPOSITE OF CL&P POLE #1484

RM3: SOUTHEAST OF STATION - A 3/8" DRILL HOLE IN GRANITE CURB AT THE SOUTHWEST INTERSECTION OF CHASE PARKWAY AND WEST MAIN STREET, OPPOSITE CL&P POLE #F5162

RM4: EAST OF STATION - A 3/8" DRILL HOLE IN GRANITE CURB AT THE SOUTHEAST INTERSECTION OF CHASE PARKWAY AND WEST MAIN STREET, OPPOSITE THE RTE. I-84 OVERPASS RETAINING WALL



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-515

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 760,964.427 FEET

E. 914,109.326 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-56.84643"

LONG. 73°-03'-49.62581"

THETA ANGLE - 0°-12'-29.0"

**TYPE OF MARKER**  
PK NAIL

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

**ELEVATIONS**

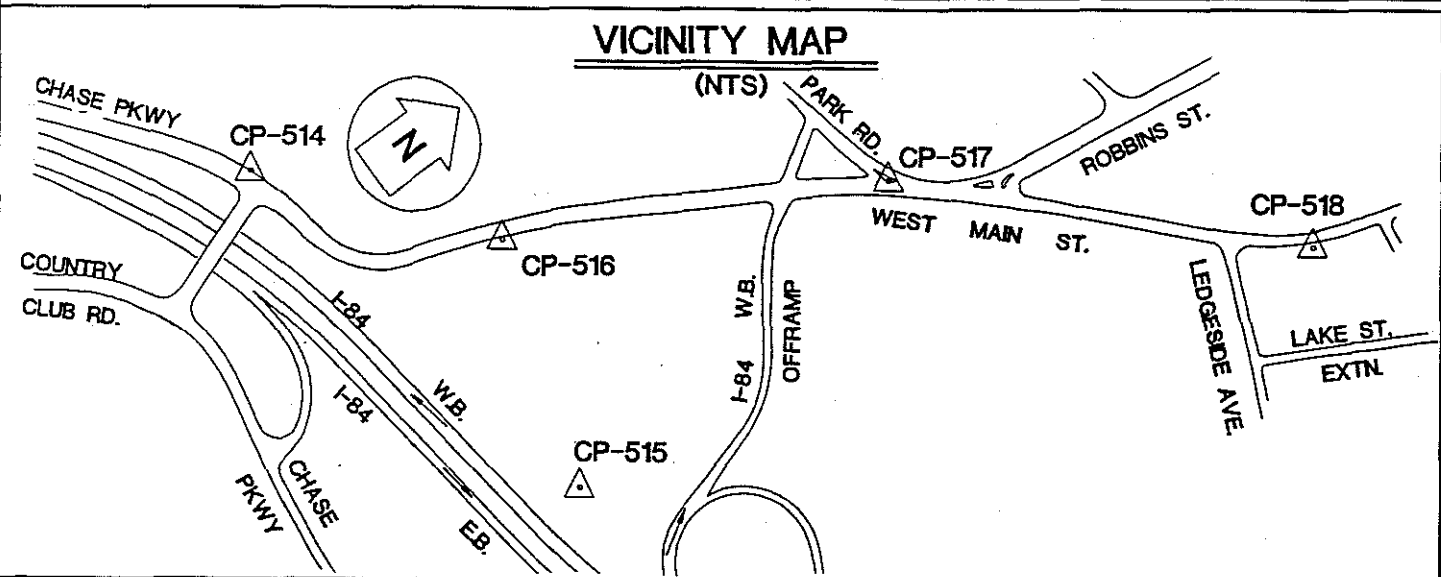
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

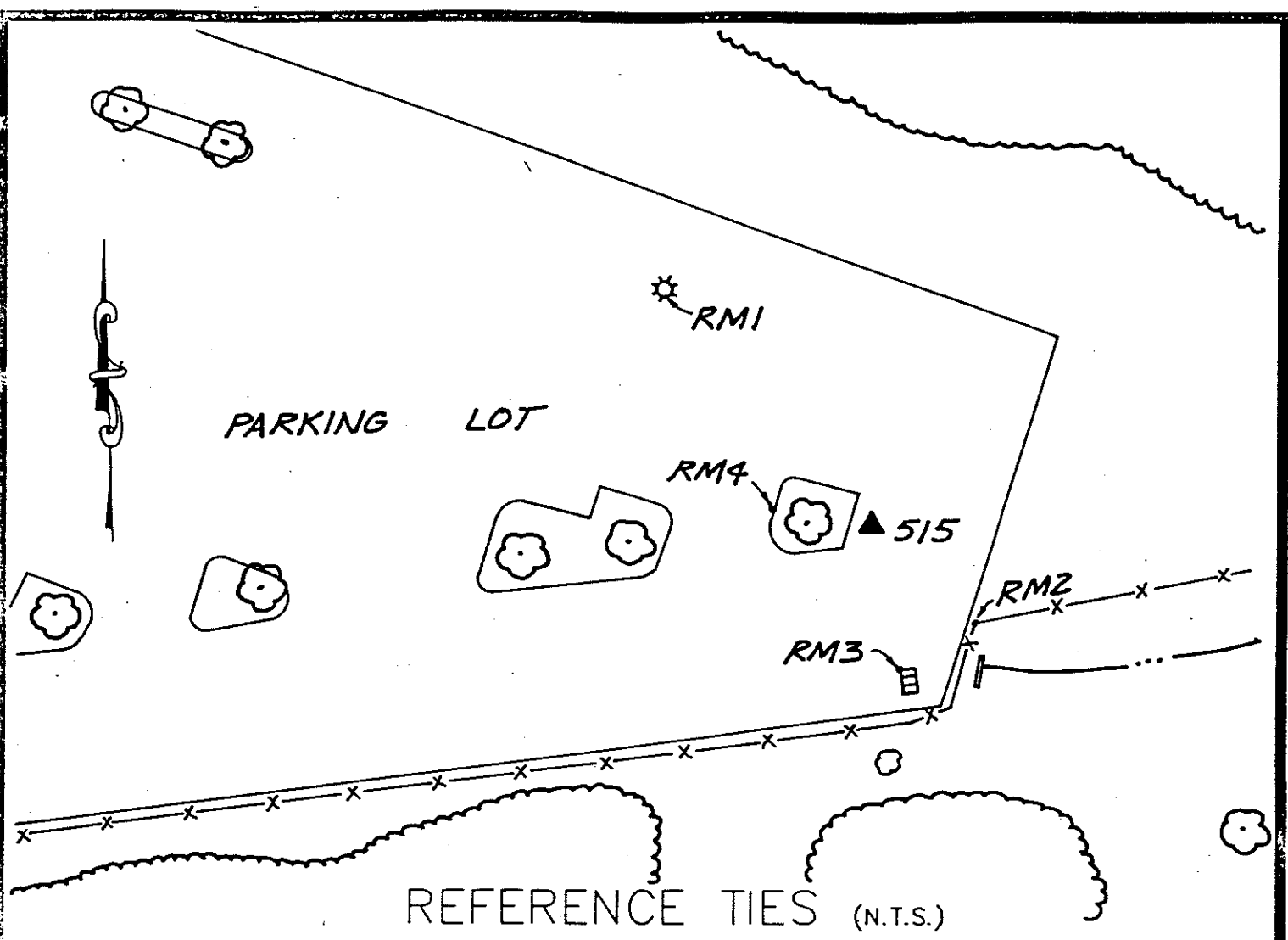
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-514	1173.348	0°-00'-00"	260°-30'-11.5"
CP-516	888.312	28°-39'-49.8"	289°-10'-01.3"
RM1	77.14	55°-27'-12"	
RM2	33.08	237°-48'-09"	
RM3	37.10	272°-34'-35"	
RM4	27.99	10°-45'-33"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #515: STATION IS A PK NAIL SET IN THE FAR SOUTHEAST CORNER OF THE PARKING AREA OF WATERBURY MEDICAL BUILDING. PK IS 200'± WEST OF WESTBOUND I-84

RM1: NORTHWEST OF STATION - A DRILL HOLE IN TOP OF CONCRETE BASE OF LIGHT POLE

RM2: SOUTHEAST OF STATION - A CHISEL MARK "+" 1.0' UP ON FENCE POST AT CORNER OF CHAIN LINK FENCE

RM3: SOUTH OF STATION - A CHISEL MARK "+" ON NORTHWEST CORNER OF FRAME OF CATCH BASIN

RM4: WEST OF STATION - A PK NAIL IN CURB OF PARKING ISLAND



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 866-0134

STATE PLANE COORDS (NAD '83 PRELIMINARY)	
N. _____	FEET
E. _____	FEET
DATE _____	

GEOGRAPHIC POSITION (NAD '83 PRELIMINARY)	
LAT. _____	
LONG. _____	
DATE _____	

STATION #
CP-516
IN THE TOWN OF
WATERBURY

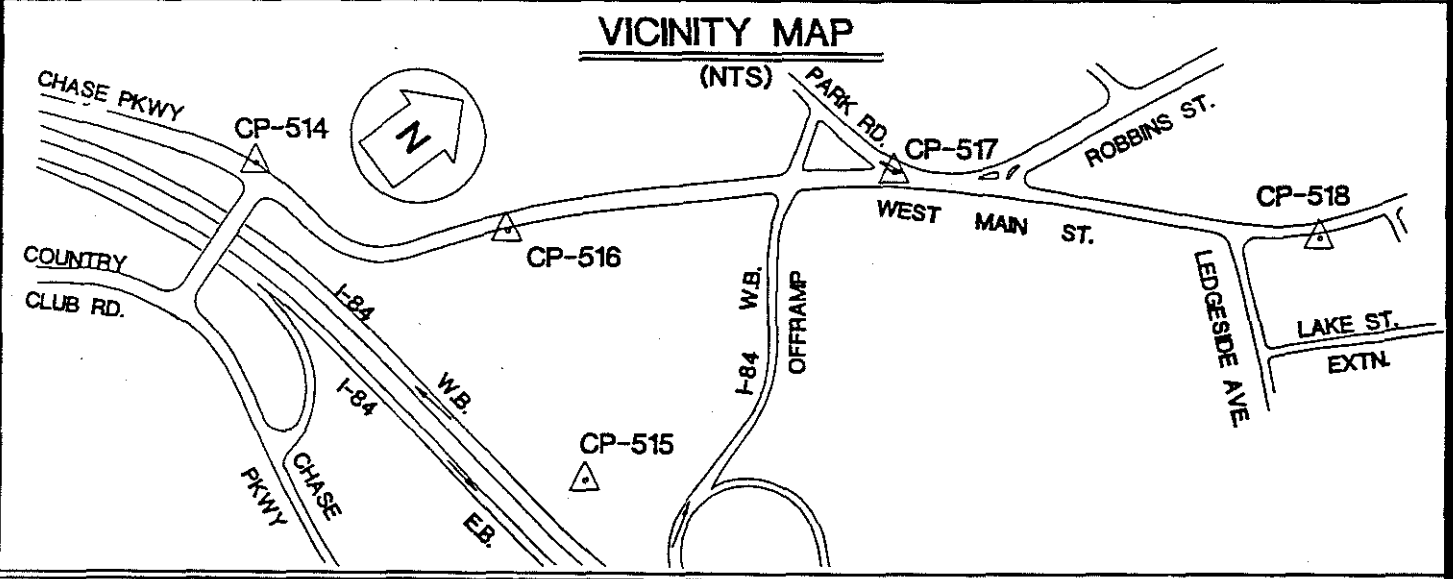
STATE PLANE COORDS (NAD '83 FINAL)	
N. 761,183.849	FEET
E. 913,478.062	FEET
DATE 6 - 15 - 93	

GEOGRAPHIC POSITION (NAD '83 FINAL)	
LAT. 41°-32'-58.99154"	
LONG. 73°-03'-57.93844"	
THETA ANGLE - 0°-12'-34.5"	

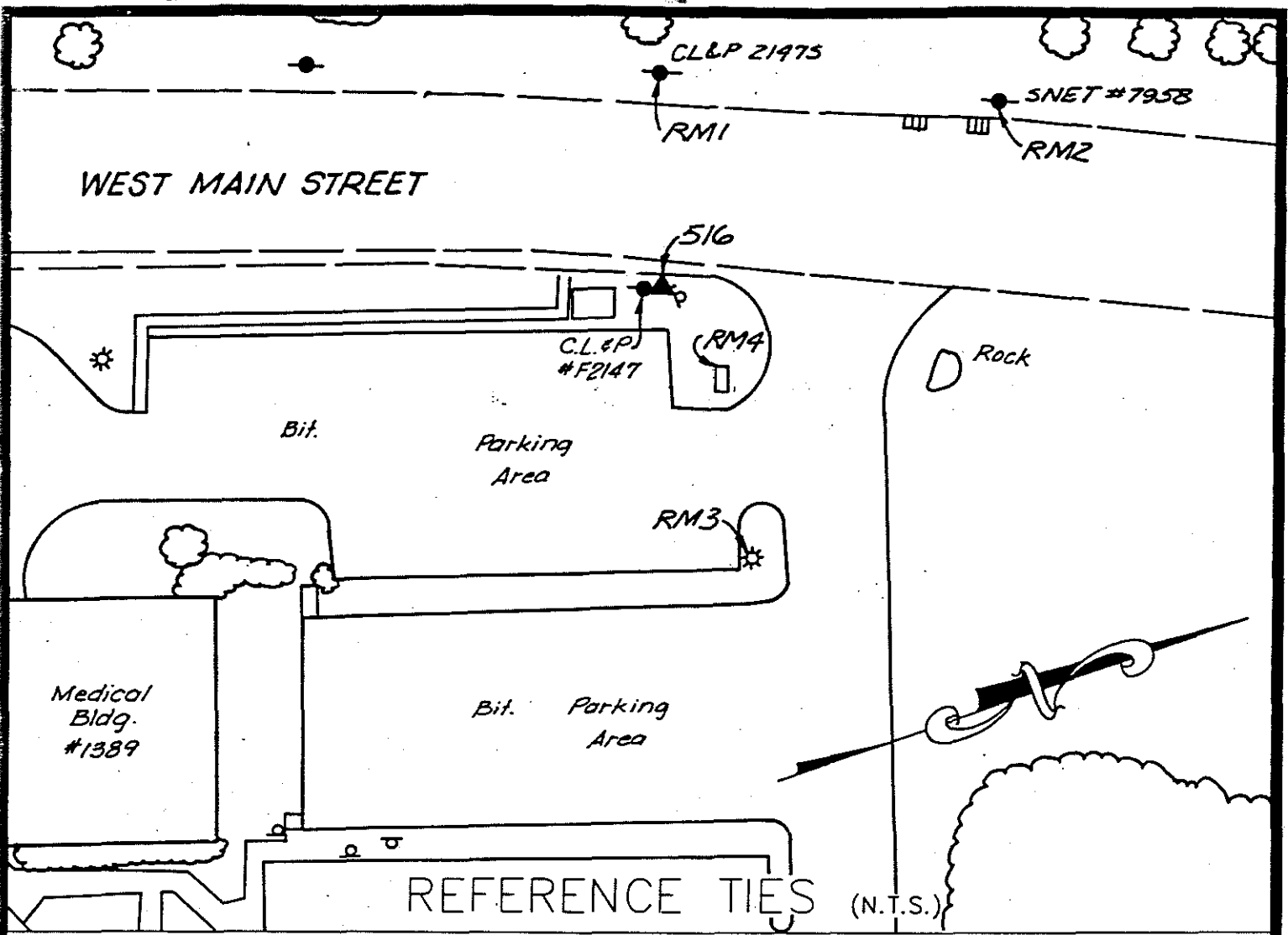
TYPE OF MARKER
CITY ROD MON.
ALSO REFERRED TO AS STATION #

CONDITION OF STATION	BY	DATE

ELEVATIONS
_____ FEET (NAVD 88)
DATE _____
_____ FEET (CITY OF WATERBURY DATUM)
DATE _____



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-515	668.312	0°-00'-00"	109°-10'-01.3"
CP-517	1005.940	278°-44'-28.9"	27°-54'-30.1"
RM1	52.45	181°-16'-43"	
RM2	94.01	241°-48'-45"	
RM3	68.67	341°-18'-05"	
RM4	22.80	327°-17'-37"	



COMMENTS

STATION #516: SET ROD MONUMENT 3' SOUTH OF SOUTH EDGE OF CHASE PARKWAY AND 4' EAST OF CL&P POLE #F2147

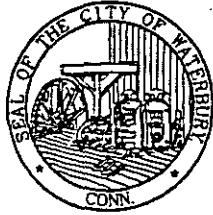
RM1: WEST OF STATION - A PK NAIL 2'± UP IN CL&P POLE #2147S; WEST OF CENTERLINE OF ROAD

RM2: NORTHWEST OF STATION - A PK NAIL 2'± UP IN SNET CO. POLE #7958; WEST OF CENTERLINE OF ROAD

RM3: EAST OF STATION - A DRILL HOLE IN CONCRETE BASE OF LIGHT STANDARD; EAST OF CENTERLINE OF ROAD

RM4: EAST OF STATION - A DRILL HOLE IN NORTHWEST CORNER OF CONCRETE SIGN BASE





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON CT 06008-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-517

IN THE TOWN OF  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 762,072.795 FEET

E. 913,948.901 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-07.78110"

LONG. 73°-03'-51.78852"

THETA ANGLE - 0°-12'-30.4"

TYPE OF MARKER  
CITY ROD MON

ALSO REFERRED TO AS STATION # \_\_\_\_\_

**ELEVATIONS**

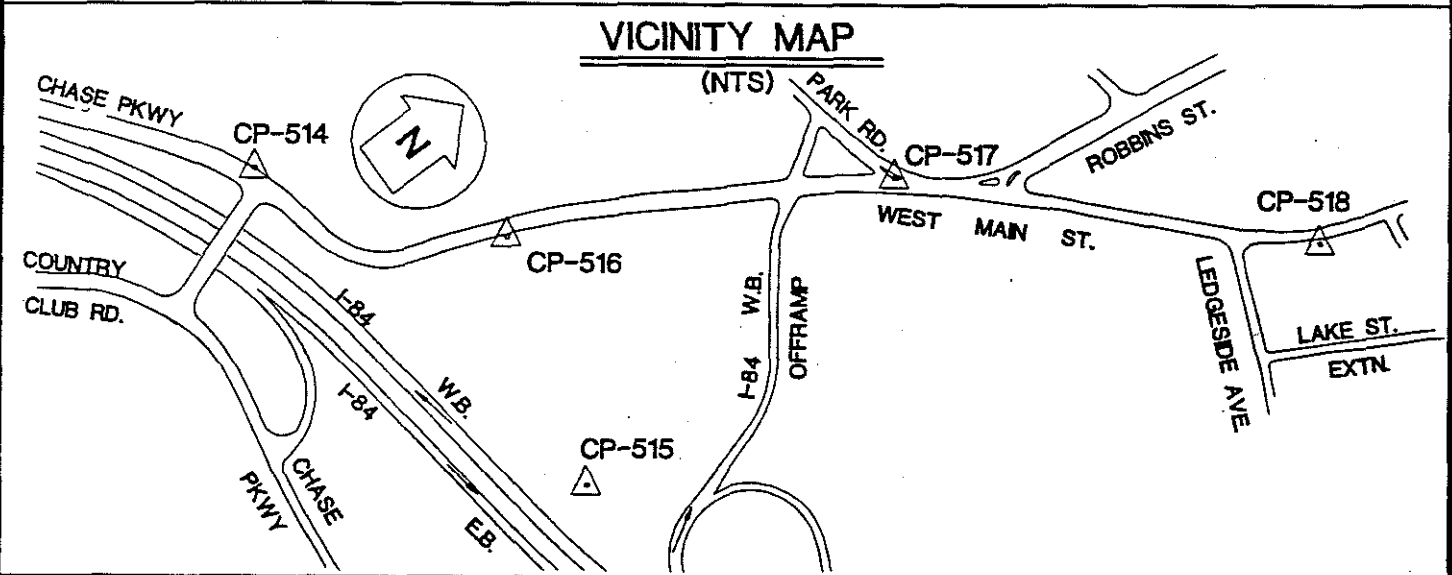
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

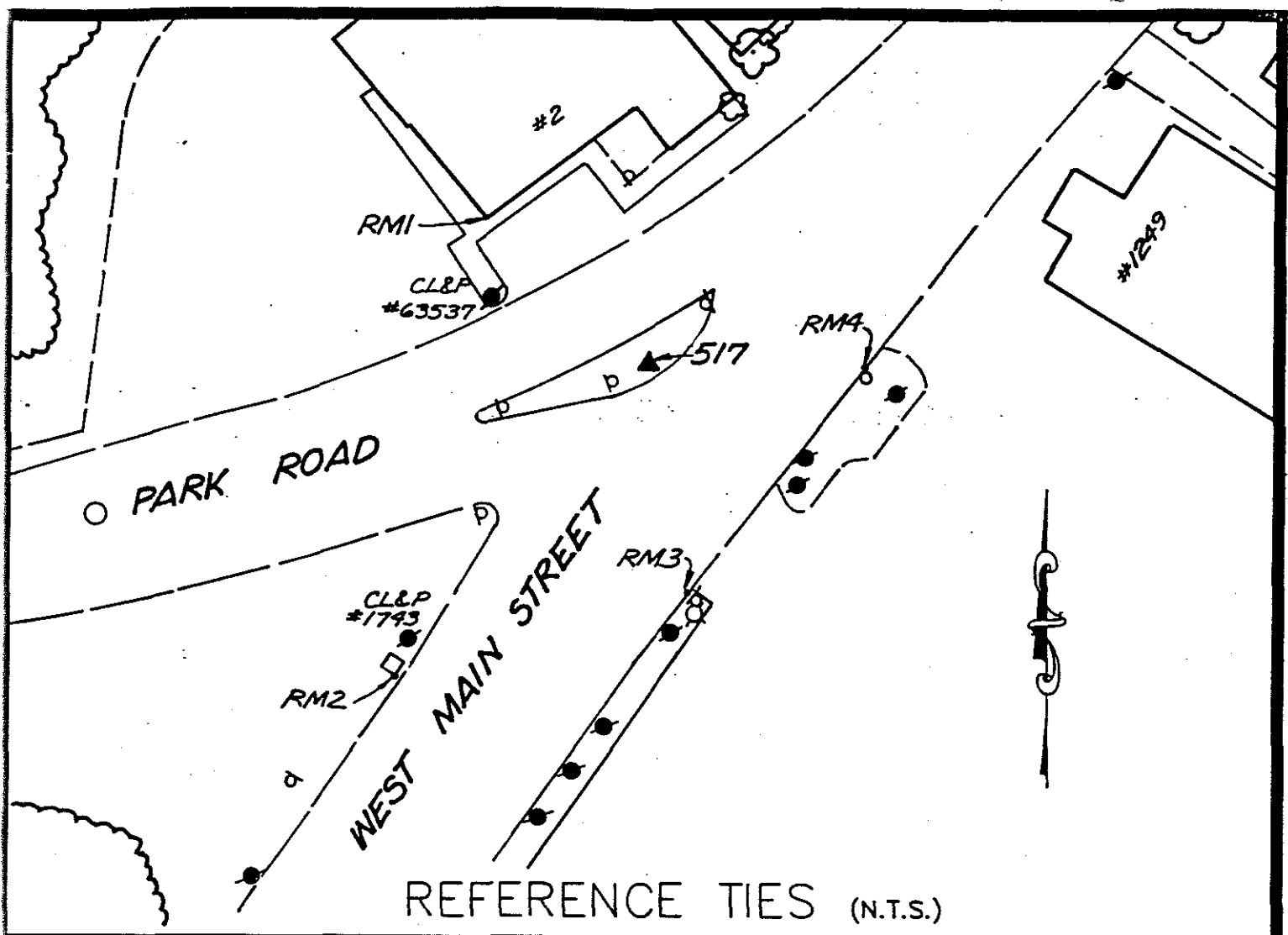
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-516	1005.940	0°-00'-00"	207°-54'-30.1
CP-518	1104.145	197°-39'-20.1	45°-33'-50.2
RM1	54.04	110°-42'-11"	
RM2	98.18	14°-28'-53"	
RM3	58.23	329°-27'-39"	
RM4	38.70	276°-19'-53"	



REFERENCE TIES (N.T.S.)

COMMENTS

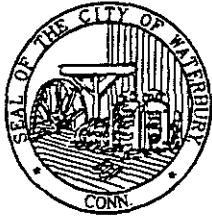
STATION #517: SET ROD MONUMENT IN CENTER OF ISLAND AT THE INTERSECTION OF PARK RD. AND WEST MAIN ST.

RM1: NORTHWEST OF STATION - SOUTHEAST CORNER OF CONCRETE BUILDING #2, MEASUREMENT TAKEN 3' FROM GROUND

RM2: SOUTHWEST OF STATION - A 3/8" DRILL HOLE IN SOUTHEAST CORNER OF CONCRETE TRAFFIC CONTROL BOX

RM3: SOUTH OF STATION - A 3/8" DRILL HOLE IN A CONCRETE CURB, 3' NORTH OF HYDRANT

RM4: EAST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB, 1' NORTH OF TRAFFIC CONTROL POLE



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
E. \_\_\_\_\_ FEET  
DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
LONG. \_\_\_\_\_  
DATE \_\_\_\_\_

**STATION #**  
CP-518

IN THE TOWN OF  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 762,845.821 FEET  
E. 914,737.296 FEET  
DATE 8 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-15.45862"  
LONG. 73°-03'-41.45588"  
THETA ANGLE - 0°-12'-23.6"

**TYPE OF MARKER**  
CITY ROD MON

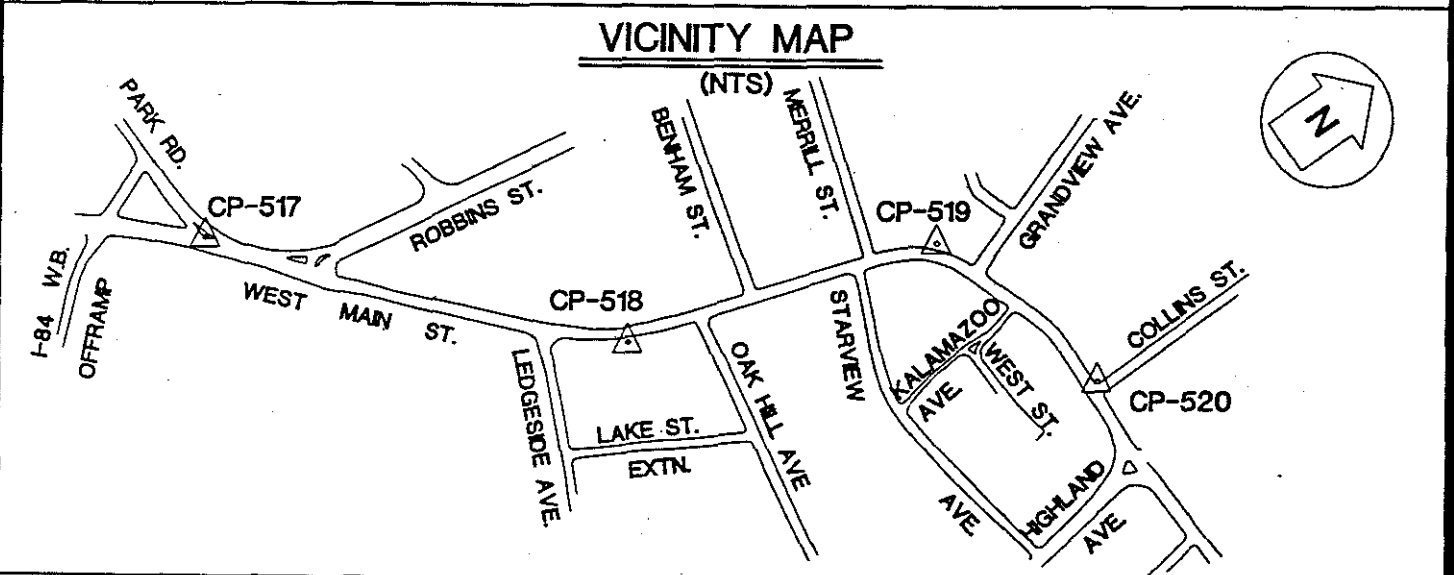
**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

**ELEVATIONS**

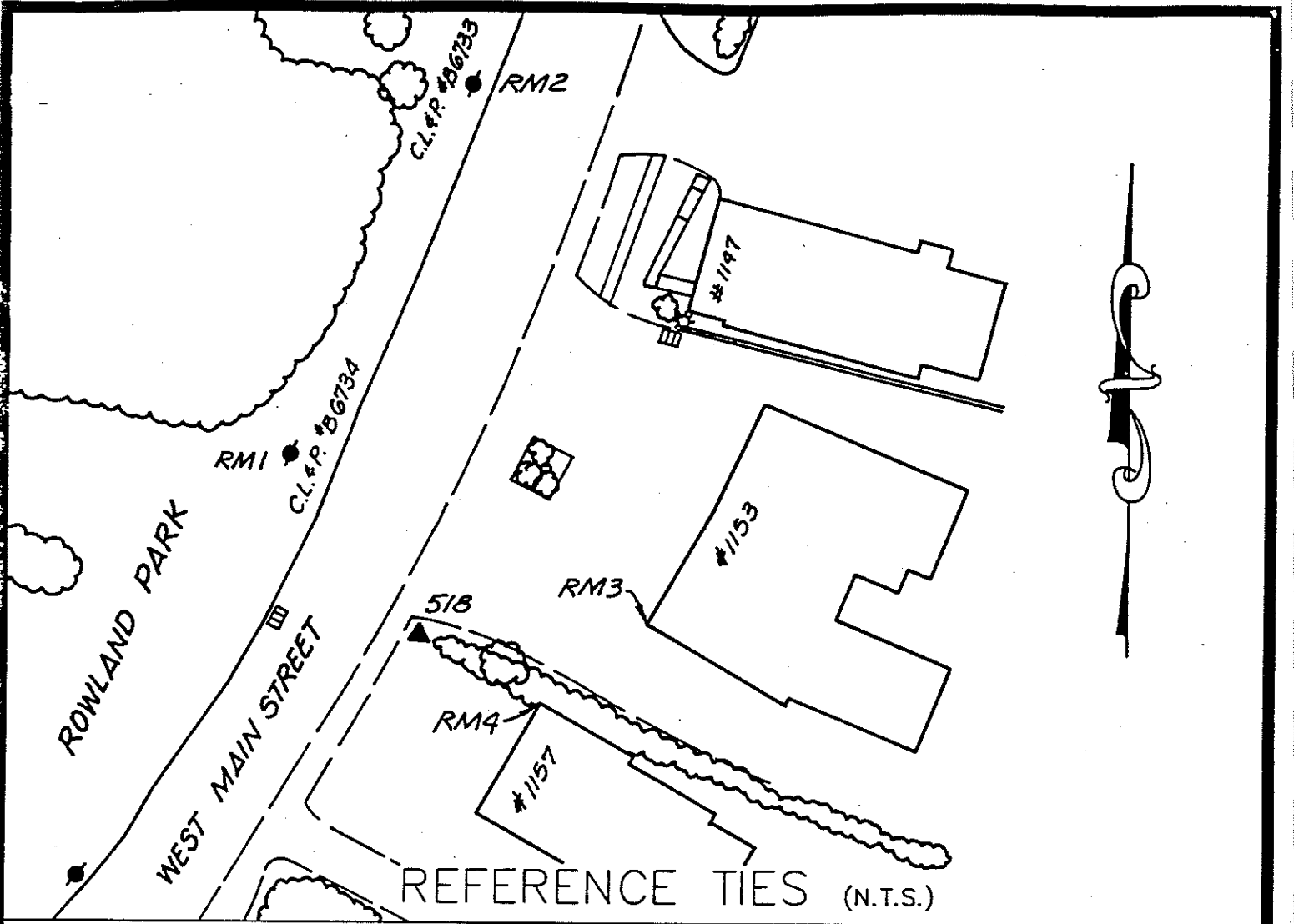
\_\_\_\_\_ FEET  
(NAVD 88)  
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)  
DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-517	1104.145	0°-00'-00"	225°-33'-50.2"
CP-519	833.450	150°-54'-25.9"	18°-28'-16.1"
RM1	55.83	92°-34'-20"	
RM2	132.33	136°-39'-51"	
RM3	51.31	150°-55'-37"	
RM4	31.07	288°-35'-31"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #518: SET ROD MONUMENT ON SOUTH SIDE OF WEST MAIN ST., 3' EAST OF THE EAST RANGE OF HOUSE #1157 AND 5' SOUTH OF THE CENTER OF A SNET CO. MANHOLE

RM1: NORTHWEST OF STATION - A PK NAIL 2'± UP IN CL&P POLE #B6734, WEST OF CENTERLINE OF THE ROAD

RM2: NORTH OF STATION - A PK NAIL 2'± UP IN CL&P POLE #B6733, WEST OF CENTERLINE OF THE ROAD

RM3: EAST OF STATION - SOUTHWEST CORNER OF BUILDING #1153, 3' UP (BRICK), EAST OF CENTERLINE OF THE ROAD

RM4: SOUTHEAST OF STATION - NORTHWEST CORNER OF HOUSE #1157, MEASUREMENT TAKEN 3' UP, CORNER IS WOOD TRIM



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT 06854-0044

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-519

**IN THE TOWN OF  
 WATERBURY**

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 763,645.068 FEET  
 E. 914,973.606 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 4°-33'-23.3614"  
 LONG. 73°-03'-38.38553"  
 THETA ANGLE - 0°-12'-21.6"

**TYPE OF MARKER**  
 BRASS DISK

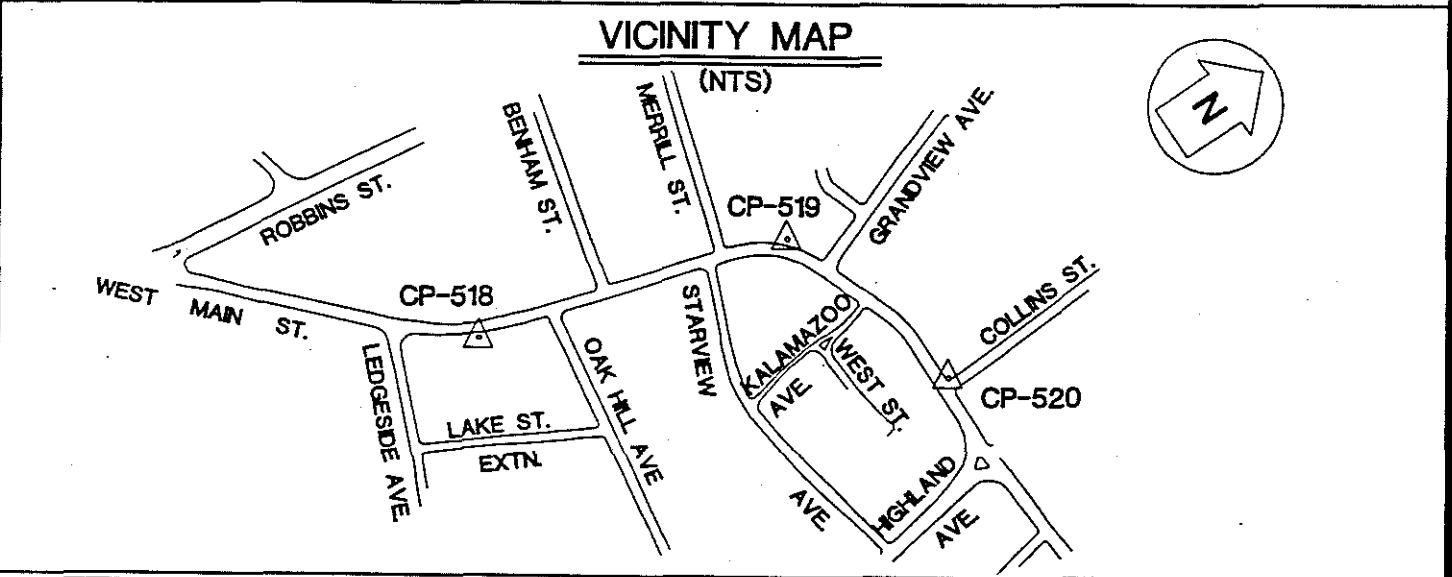
**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

CONDITION OF STATION	BY	DATE

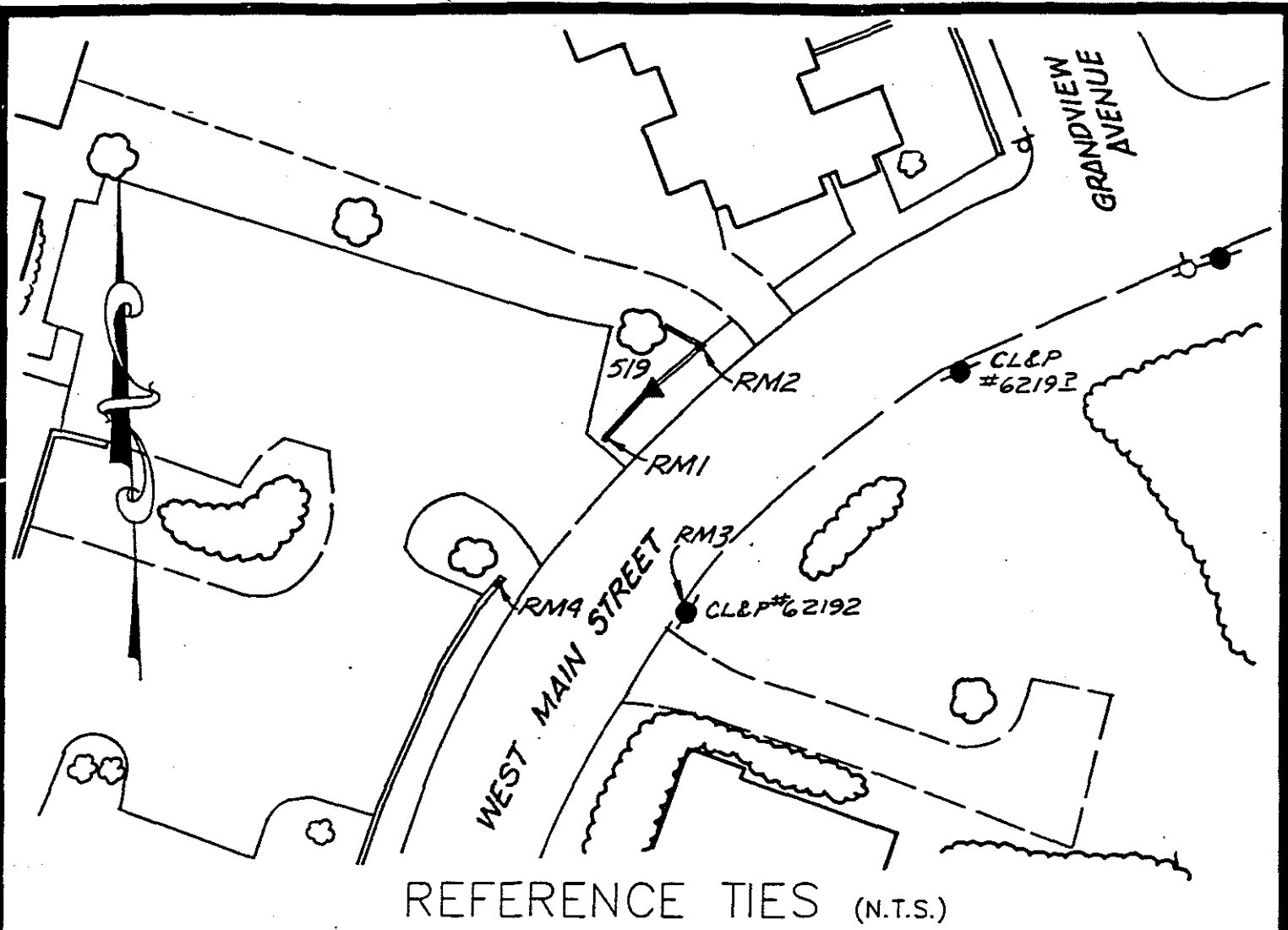
**ELEVATIONS**

\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-518	833.450	0°-00'-00"	198°-28'-18.1"
CP-520	544.632	238°-46'-15.4"	75°-14'-31.6"
RM1	20.84	07°-24'-43"	
RM2	15.79	240°-48'-29"	
RM3	54.56	17°-03'-24"	
RM4	61.35	333°-30'-01"	



REFERENCE TIES (N.T.S.)

COMMENTS

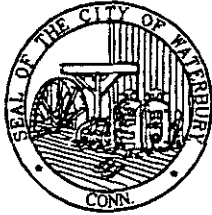
STATION #519: BRASS DISK ON NORTH SIDE OF WEST MAIN ST., 10' NORTH OF A WALL AND 55.5' WEST OF A CL&P POLE #62193S

RM1: SOUTHWEST OF STATION - A 3/8" DRILL HOLE IN A CONCRETE WALL, 1' FROM END

RM2: NORTHEAST OF STATION - A 3/8" DRILL HOLE IN A CONCRETE WALL, 1' FROM END

RM3: SOUTH OF STATION - A PK NAIL 2'± UP IN CL&P POLE #62192

RM4: SOUTHWEST OF STATION - A 3/8" DRILL HOLE IN A CONCRETE WALL, 1' FROM END



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-520

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 763,783.805 FEET  
 E. 915,500.271 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-24.75074"  
 LONG. 73°-03'-31.46468"  
 THETA ANGLE - 0°-12'-17.0"

**TYPE OF MARKER**  
 CITY GRANITE MON.

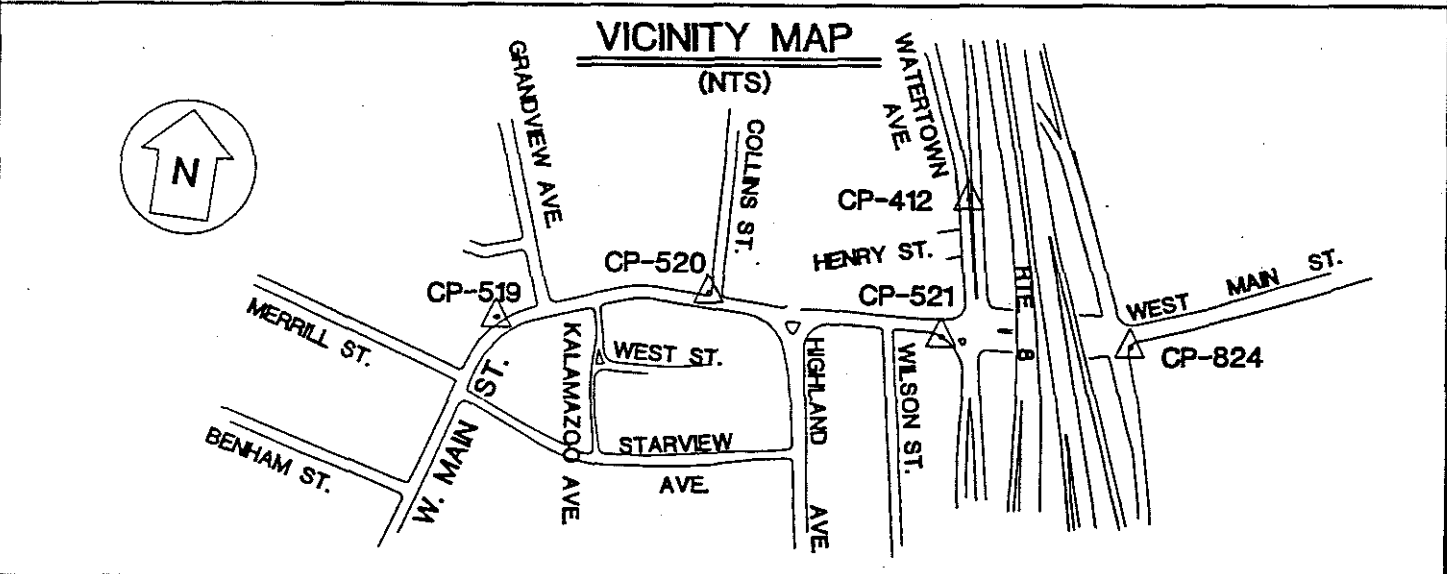
**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

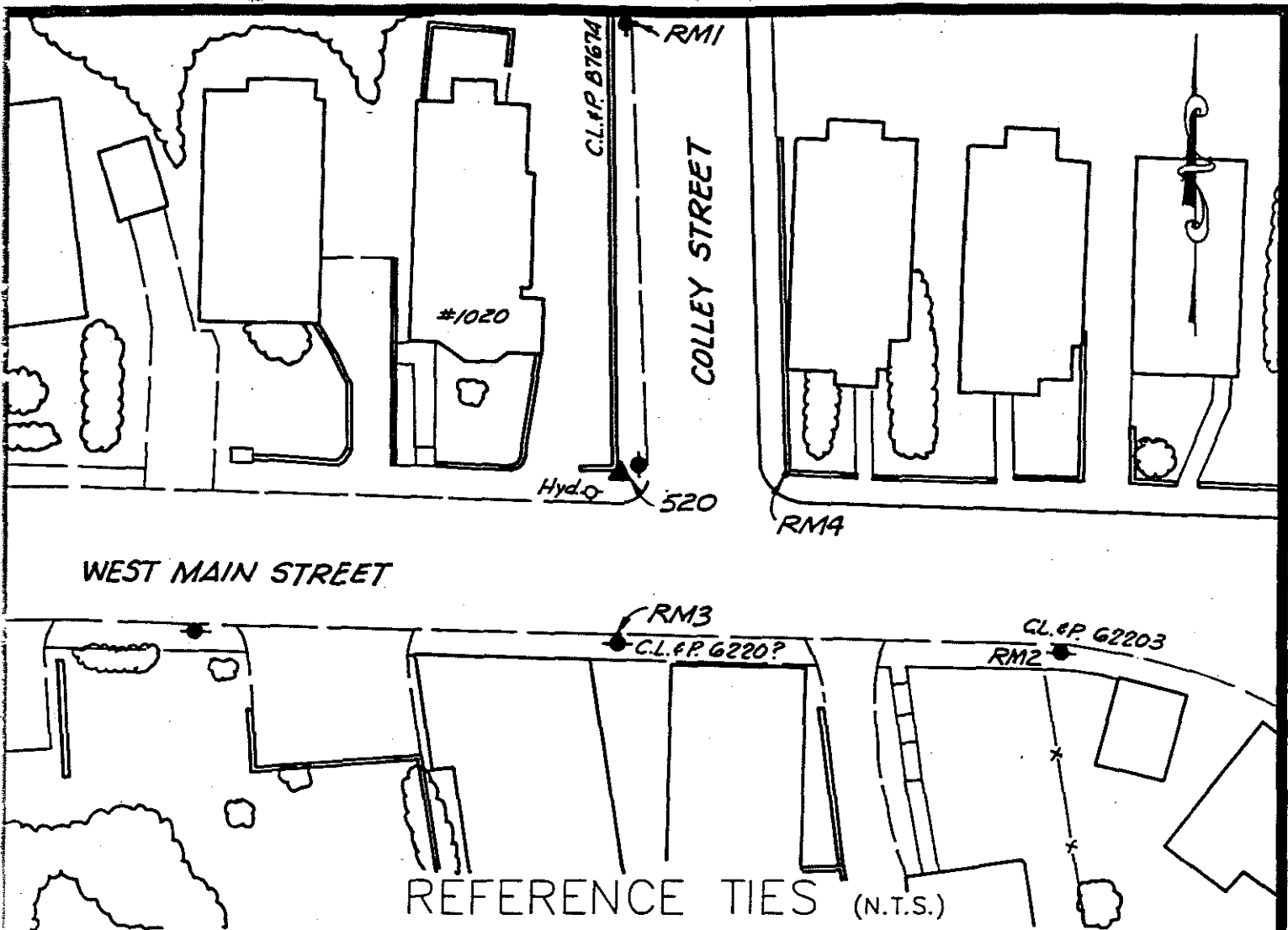
\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-519	544.632	0°-00'-00"	255°-14'-31.6"
CP-521	808.411	197°-25'-55.5"	82°-40'-27.1"
RM1	109.05	105°-38'-28"	
RM2	115.13	218°-49'-41"	
RM3	40.02	286°-42'-08"	
RM4	40.51	194°-28'-21"	



COMMENTS

STATION #520: A CITY OF WATERBURY GRANITE MERESTONE WITH A DRILL HOLE AT THE NORTHWEST CORNER OF COLLEY ST. AND WEST MAIN ST.

RM1: NORTH OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE A CL&P POLE #B7674 ON THE EAST SIDE OF COLLEY ST.

RM2: SOUTHEAST OF STATION - A PK NAIL 2'± UP IN CL&P POLE #62203

RM3: SOUTH OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE A CL&P POLE #6220 ON THE SOUTH SIDE OF WEST MAIN ST.

RM4: EAST OF STATION - A 3/8" DRILL HOLE IN A STONE WALL WITH CONCRETE CAP, 1' FROM THE END OF WALL ON THE EAST SIDE OF COLLEY ST.





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON CT 06331 866-034

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-521

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 763,755.372 FEET  
 E. 916,109.018 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-24.49124"  
 LONG. 73°-03'-23.45628"  
 THETA ANGLE - 0°-12'-11.7"

**TYPE OF MARKER**  
 BRASS DISK

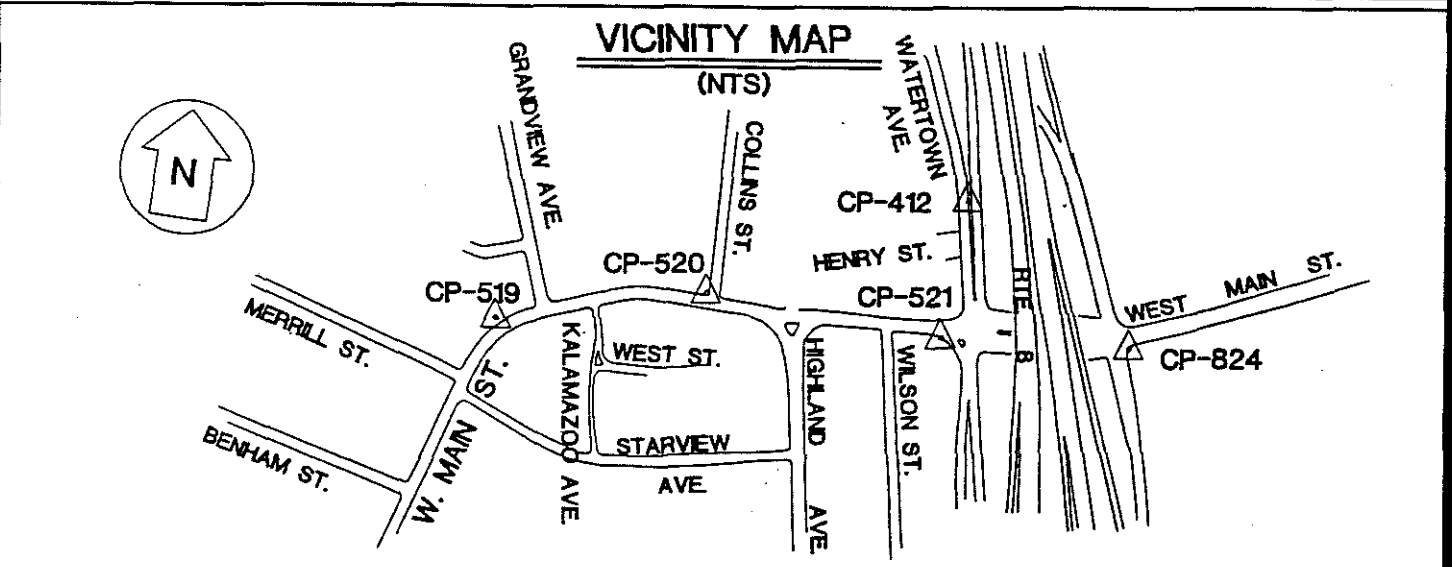
**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

CONDITION OF STATION	BY	DATE

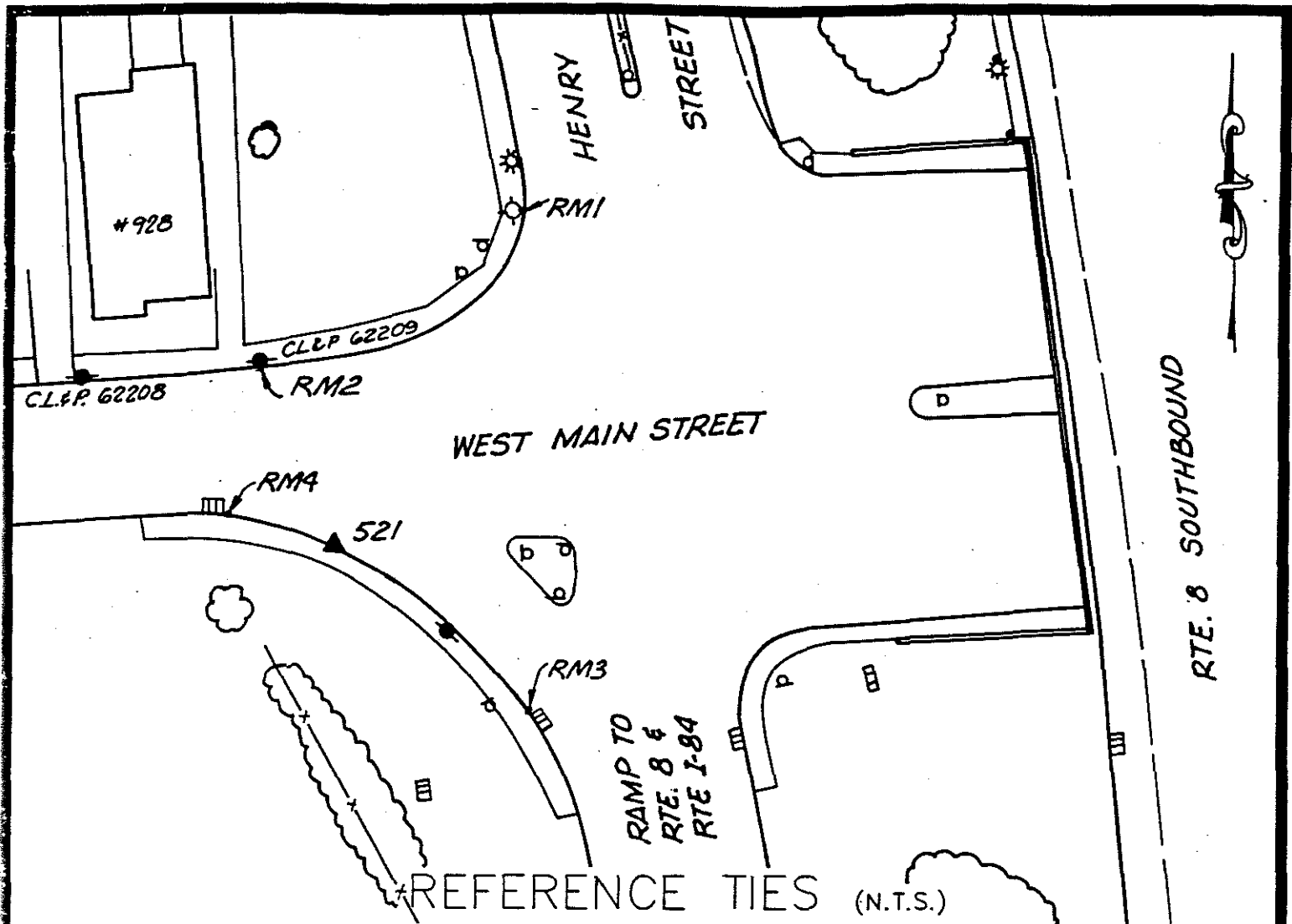
**ELEVATIONS**

\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-520	609.411	0°-00'-00"	272°-40'-27.1"
CP-824	484.928	172°-44'-24.4"	85°-24'-51.5"
CP-412	359.194	90°-35'-57.5"	03°-16'-24.7"
RM1	95.04	117°-22'-17"	
RM2	45.85	86°-37'-03"	
RM3	63.44	217°-07'-47"	
RM4	22.21	15°-20'-38"	



COMMENTS

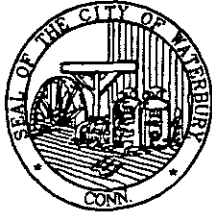
STATION #521: SET BRASS DISK IN CONCRETE CURB, SOUTH SIDE OF WEST MAIN ST., 25' EAST OF EAST RANGE OF HOUSE #928

RM1: NORTHEAST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE HYDRANT ON WEST SIDE OF HENRY ST.

RM2: NORTHWEST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE OF CL&P POLE #62209

RM3: SOUTHEAST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB, 1' NORTH OF A CATCH BASIN, WEST SIDE I-84 ENTRANCE

RM4: NORTHWEST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB, 1' EAST OF A CATCH BASIN ON THE SOUTH SIDE OF WEST MAIN ST.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
 CP-599

**IN THE TOWN OF**  
 PROSPECT

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 749,762.175 FEET

E. 931,546.719 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-31'-08.73214"

LONG. 72°-59'-59.86600"

THETA ANGLE - 0°-09'-56.7"

**TYPE OF MARKER**  
 STEEL PIN

**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

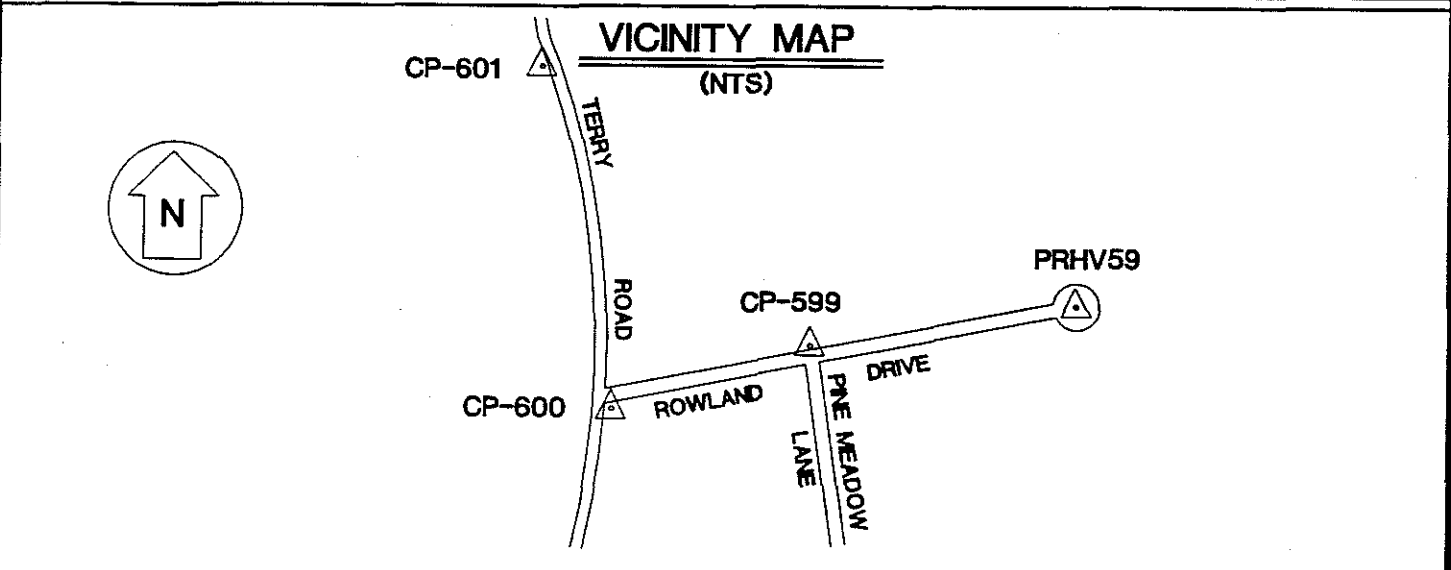
CONDITION OF STATION	BY	DATE

\_\_\_\_\_ FEET  
 (NAVD 88)

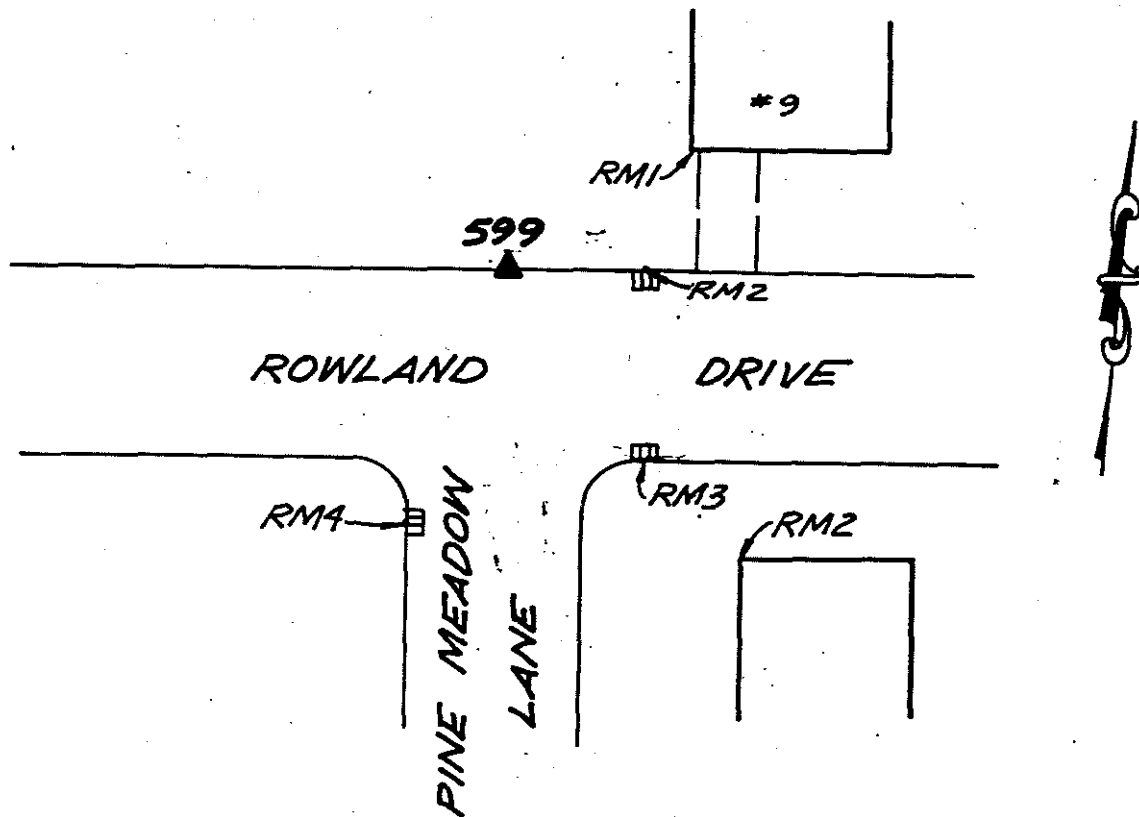
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
PRHV59	687.688	0°-00'-00"	81°-18'-36.2"
CP-600	535.498	170°-50'-17.0"	252°-08'-53.2"
RM1	46.20	275°-02'-20"	
RM2	86.74	74°-08'-28"	
RM3	35.83	89°-03'-05"	
RM4	80.08	141°-05'-46"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #599: STEEL PIN ON THE NORTH SIDE OF ROWLAND DRIVE, 21' WEST OF THE WEST RANGE OF HOUSE #9

RM1: NORTH OF STATION - SOUTHEAST CORNER OF HOUSE #9, AT THE FOUNDATION AND 0.5' ABOVE THE GROUND

RM2: EAST OF STATION - DRILL HOLE IN TOP OF CURB AT CATCH BASIN ON NORTH SIDE OF ROWLAND DRIVE

RM3: SOUTH STATION - A 3/8" DRILL HOLE IN THE TOP OF CURB AT CATCH BASIN ON SOUTH SIDE OF ROWLAND DRIVE

RM4: SOUTHEAST OF STATION - A 3/8" DRILL HOLE IN THE TOP OF CURB AT CATCH BASIN ON WEST SIDE OF PINE MEADOW LANE



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

76 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**

CP-600

IN THE TOWN OF  
PROSPECT

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 749,598.014 FEET

E. 931,037.004 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-31'-05.09583"

LONG. 73°-00'-08.56024"

THETA ANGLE - 0°-10'-01"

TYPE OF MARKER  
BRASS DISK

ALSO REFERRED TO AS STATION #

**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

**CONDITION OF STATION**

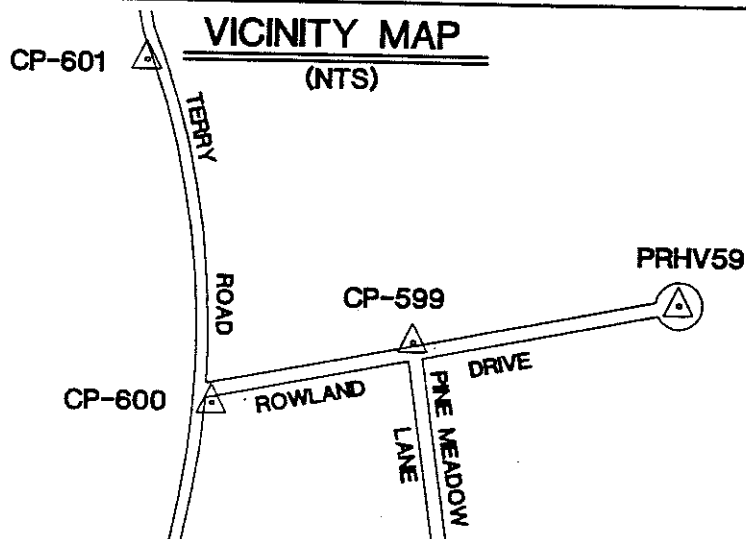
**BY**

**DATE**

CONDITION OF STATION	BY	DATE

**VICINITY MAP**

(NTS)



**OBJECT**

**DISTANCE (FT.)**

**DIRECTION**

**PLANE AZIMUTH**

CP-599

535.498

0°-00'-00"

72°-08'-53.2"

CP-601

902.431

276°-10'-25.8"

348°-19'-19.0"

RM1

30.44

198°-19'-01"

RM2

76.87

258°-00'-09"

RM3

63.13

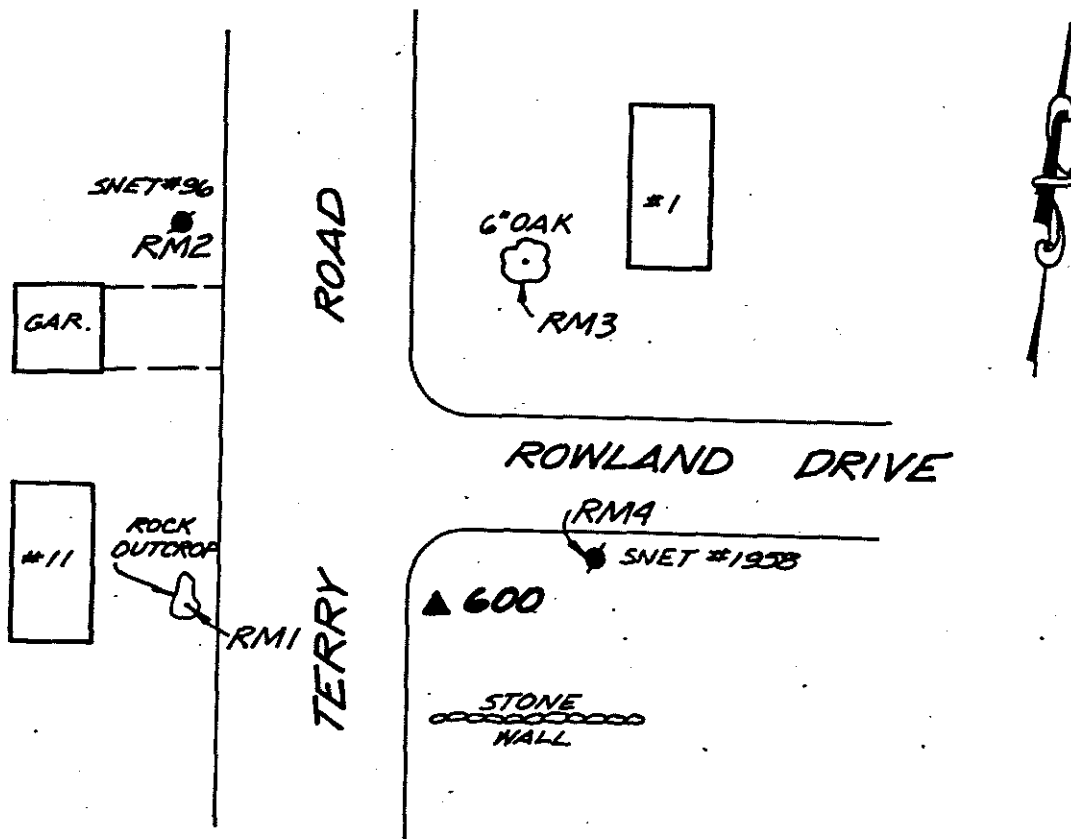
285°-57'-11"

RM4

37.31

347°-58'-28"

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #600: BRASS DISK ON THE SOUTHSIDE OF ROWLAND DRIVE, 21' NORTH OF CENTERLINE OF STONE WALL

RM1: WEST OF STATION - A 3/8" DRILL HOLE IN A ROCK OUTCROP 3' WEST OF THE WEST SIDE OF TERRY ROAD

RM2: NORTHWEST OF STATION - PK NAIL IN SNET CO. POLE #96 ON THE WEST SIDE OF TERRY ROAD. PK NAIL IS 2' ABOVE THE GROUND

RM3: NORTH OF STATION - PK NAIL IN 6" OAK TREE ON THE EAST SIDE OF TERRY ROAD. PK NAIL IS 2' ABOVE THE GROUND

RM4: EAST OF STATION - PK NAIL IN SNET CO. POLE #1958 ON THE SOUTH SIDE OF ROWLAND DRIVE. PK NAIL IS 2' ABOVE THE GROUND



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 866-0104

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-601

**IN THE TOWN OF**  
 PROSPECT

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 750,481.765 FEET  
 E. 930,854.341 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-31'-13.82170"  
 LONG. 73°-00'-08.99538"  
 THETA ANGLE - 0°-10'-02.7"

**TYPE OF MARKER**  
 BRASS DISK

**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

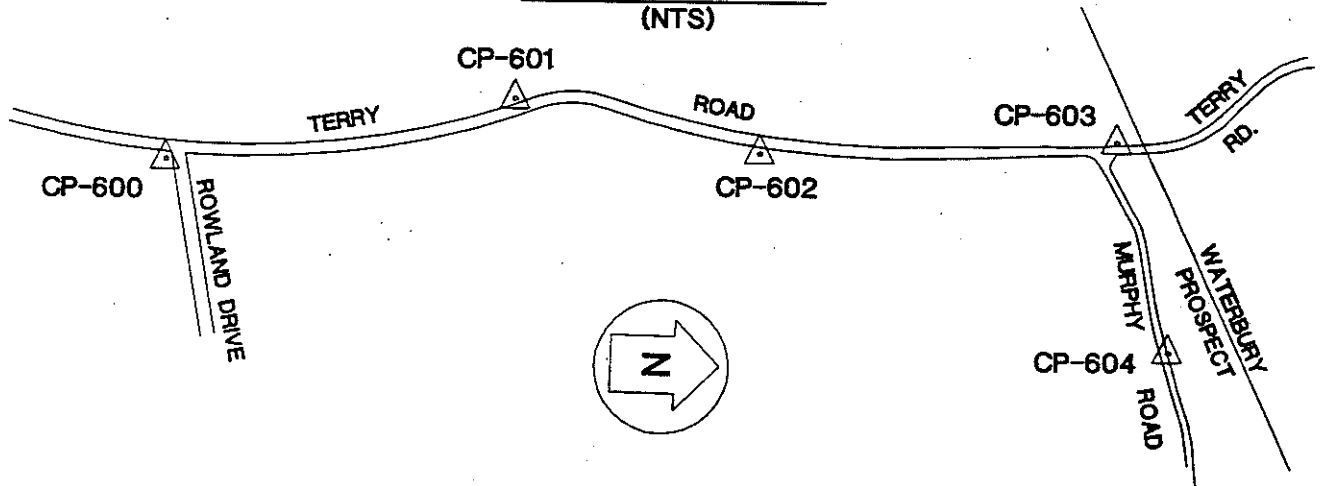
**ELEVATIONS**

\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

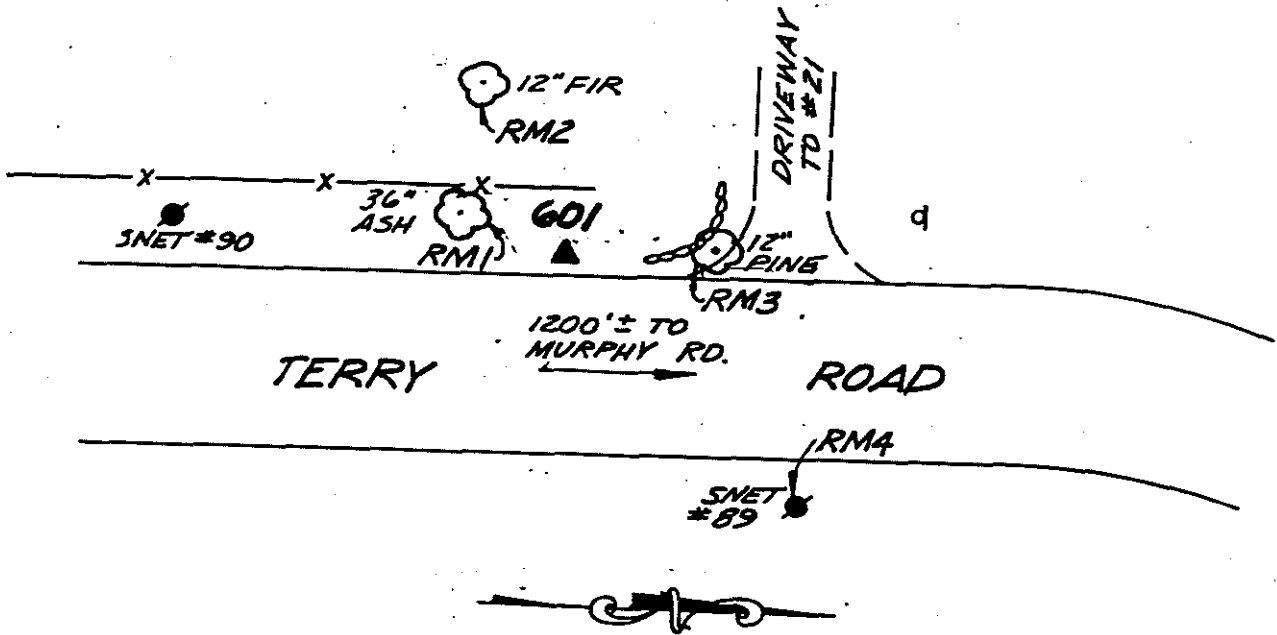
CONDITION OF STATION	BY	DATE

### VICINITY MAP (NTS)



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-600	902.431	0°-00'-00"	168°-19'-19.0"
CP-602	645.843	202°-35'-50.9"	10°-55'-09.9"
RM1	8.64	08°-08'-33"	
RM2	26.78	55°-16'-43"	
RM3	9.75	181°-12'-23"	
RM4	75.63	221°-08'-17"	

SEE REVERSE SIDE FOR REFERENCE TIES

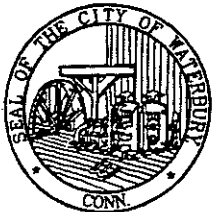


REFERENCE TIES (N.T.S.)

COMMENTS

- STATION #601: BRASS DISK IN ROCK OUTCROP 5' SOUTH OF STONE WALL ON THE WEST SIDE OF TERRY ROAD
- RM1: SOUTH OF STATION - PK NAIL IN 36" ASH TREE, 5' EAST OF FENCE. PK NAIL IS 3' ABOVE THE GROUND
- RM2: WEST OF STATION - PK NAIL IN 12" FIR TREE, 12' WEST OF FENCE
- RM3: NORTH OF STATION - PK NAIL IN 12" PINE TREE OPPOSITE A STONE WALL. PK NAIL IS 5' ABOVE THE GROUND
- RM4: NORTHEAST OF STATION - PK NAIL IN SNET CO. POLE #89 ON THE EAST SIDE OF TERRY ROAD. PK NAIL IS 2' ABOVE THE GROUND





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT 0203 000-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-802

**IN THE TOWN OF**  
 PROSPECT

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 751,115.915 FEET  
 E. 930,976.682 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-31'-20.09054"  
 LONG. 73°-00'-07.41144"  
 THETA ANGLE - 0°-10'-017"

**TYPE OF MARKER**  
 CITY ROD MON.

**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

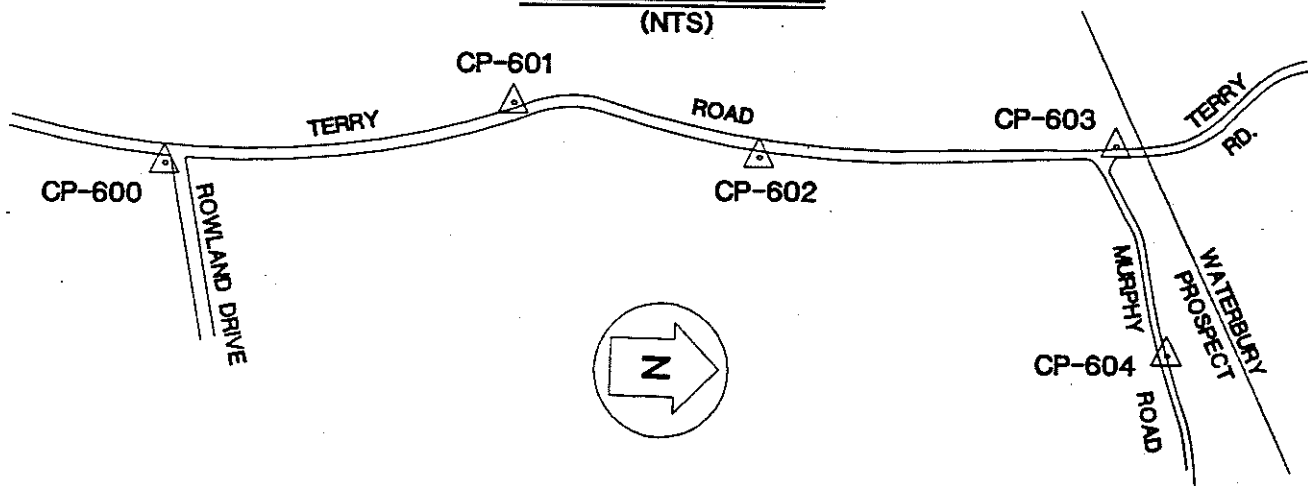
**ELEVATIONS**

\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

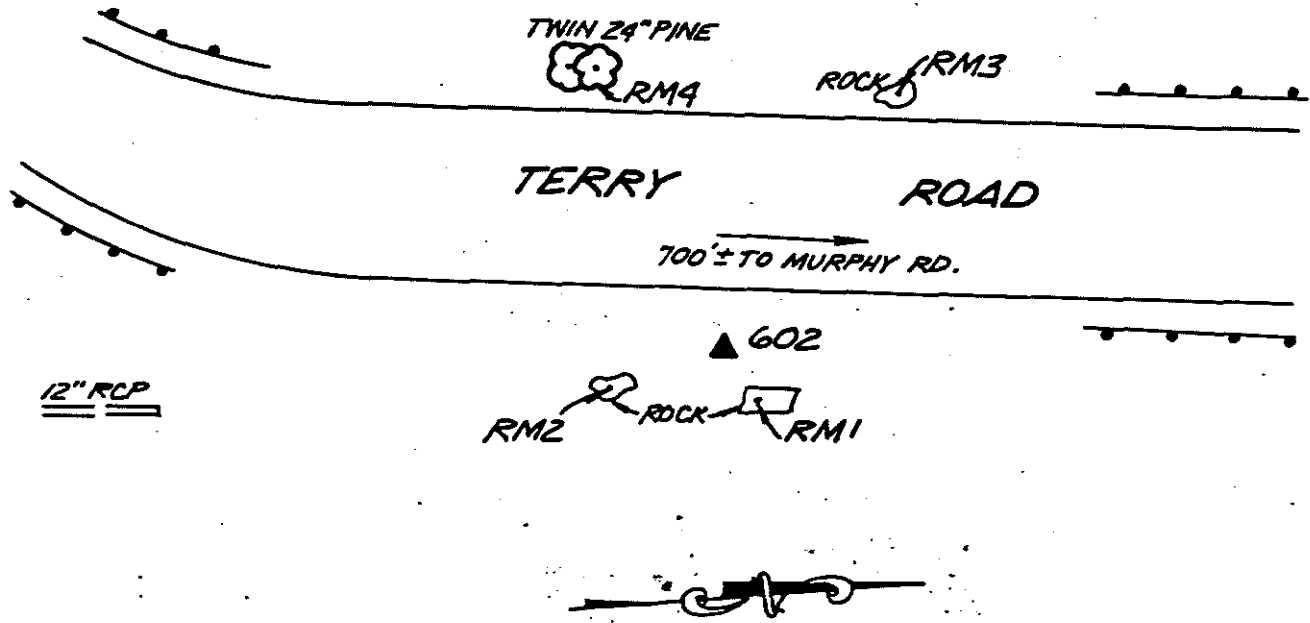
CONDITION OF STATION	BY	DATE

### VICINITY MAP (NTS)



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-601	645.843	0°-00'-00"	190°-55'-09.9"
CP-603	914.307	165°-34'-52.8"	356°-30'-02.7"
RM1	9.41	245°-28'-38"	
RM2	19.39	315°-28'-11"	
RM3	81.63	145°-45'-00"	
RM4	49.72	54°-50'-52"	

SEE REVERSE SIDE FOR REFERENCE TIES



## REFERENCE TIES (N.T.S.)

### COMMENTS

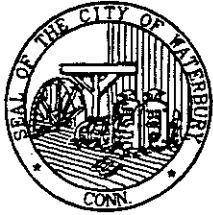
STATION #602: ROD MONUMENT ON THE EAST SIDE OF TERRY ROAD. MONUMENT IS 115' NORTH OF THE END OF A 12" REINFORCED CONCRETE PIPE

RM1: EAST OF STATION - A 3/8" DRILL HOLE IN NORTHWEST CORNER OF FLAT ROCK ON EAST SIDE OF TERRY ROAD. DRILL HOLE IS 7' EAST OF THE EAST EDGE OF TERRY ROAD

RM2: EAST OF STATION - A 3/8" DRILL HOLE IN UPRIGHT ROCK ON EAST SIDE OF TERRY ROAD. DRILL HOLE IS 100' NORTH OF THE END OF A 12" REINFORCED CONCRETE PIPE

RM3: NORTHWEST OF STATION - A 3/8" DRILL HOLE IN UPRIGHT ROCK ON WEST SIDE OF TERRY ROAD. DRILL HOLE IS 8' WEST OF THE WEST EDGE OF TERRY ROAD

RM4: WEST OF STATION - PK NAIL IN TWIN 24" PINE ON WEST SIDE OF TERRY ROAD. PK NAIL IS 2' ABOVE THE GROUND



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 866-0734

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
 CP-603

**IN THE TOWN OF**  
 PROSPECT

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 752,028.517 FEET

E. 930,920.877 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-31'-29.10530"

LONG. 73°-00'-08.18006"

THETA ANGLE - 0°-10'-02.2"

**TYPE OF MARKER**  
 CITY ROD MON.

**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

CONDITION OF STATION	BY	DATE

**ELEVATIONS**

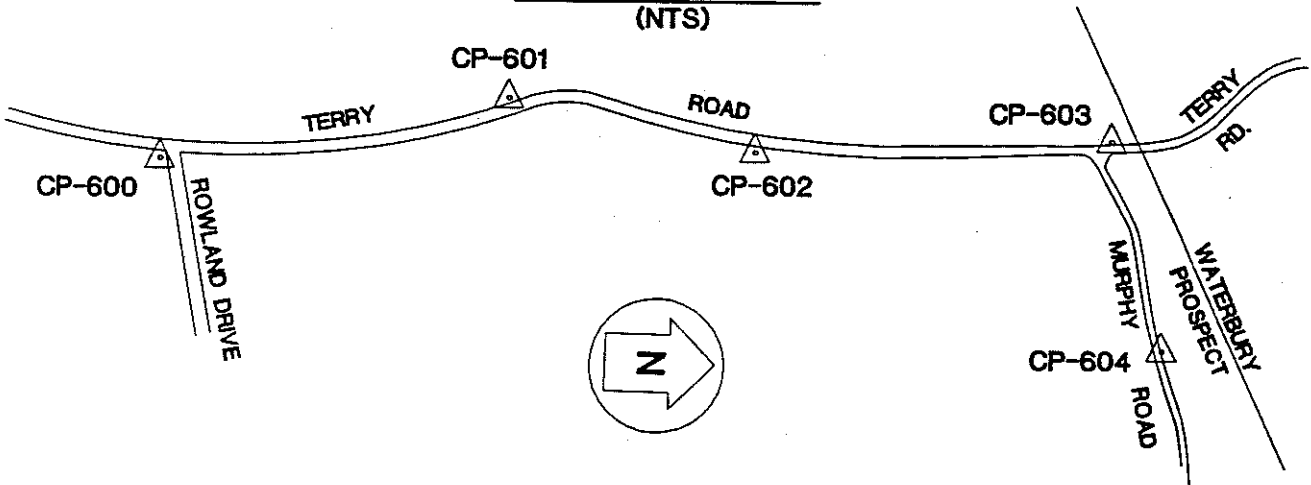
\_\_\_\_\_ FEET  
 (NAVD 88)

DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)

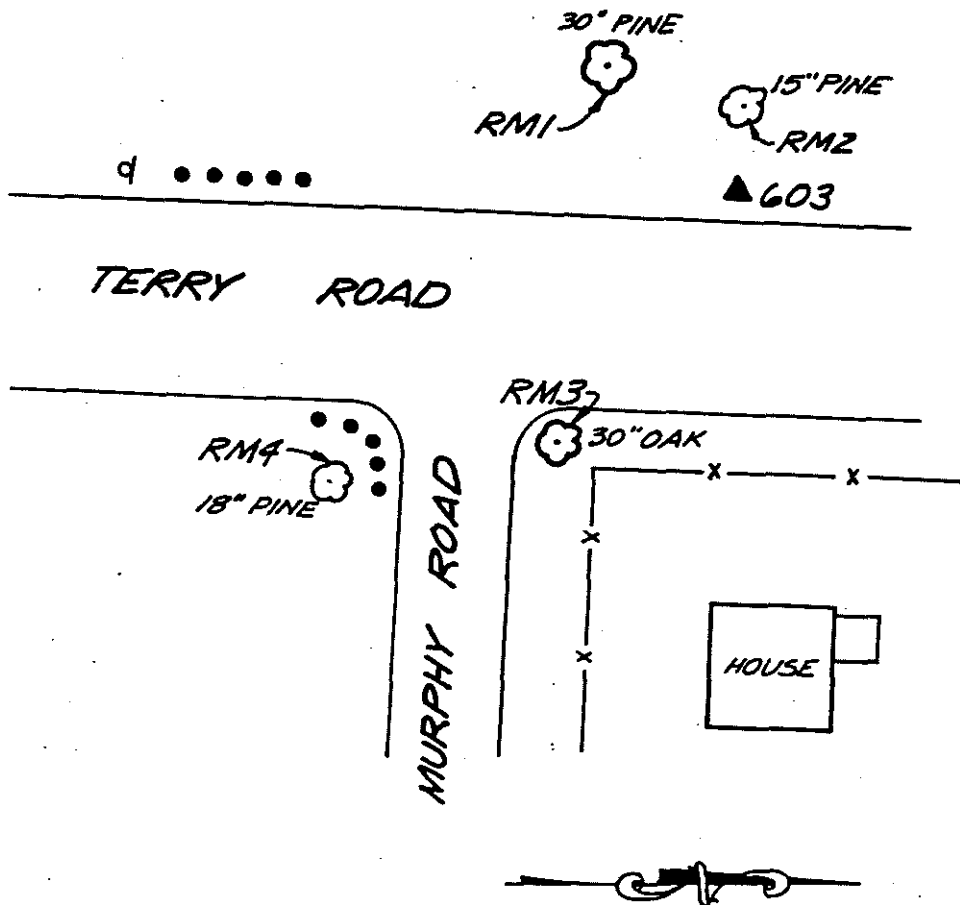
DATE \_\_\_\_\_

### VICINITY MAP (NTS)



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-802	914.307	0°-00'-00"	176°-30'-02.7"
CP-804	554.791	258°-12'-32.5"	74°-42'-35.2"
RM1	18.82	45°-25'-16"	
RM2	9.90	90°-47'-07"	
RM3	94.87	265°-26'-34"	
RM4	93.00	326°-40'-52"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #603: ROD MONUMENT 15' WEST OF THE CENTERLINE OF TERRY ROAD AND 57' NORTH OF THE CENTERLINE OF MURPHY ROAD

RM1: WEST OF STATION - PK NAIL IN 30" PINE TREE THAT IS 18' WEST OF THE WEST EDGE OF TERRY ROAD. PK NAIL IS 2' ABOVE THE GROUND

RM2: WEST OF STATION - PK NAIL IN 15" PINE TREE THAT IS 15' WEST OF WEST EDGE OF TERRY ROAD. PK NAIL IS 2' ABOVE THE GROUND

RM3: EAST OF STATION - PK NAIL IN 30" OAK TREE ON THE EAST SIDE OF TERRY ROAD AT THE CORNER OF A CHAIN LINK FENCE. PK NAIL IS 3' ABOVE THE GROUND

RM4: SOUTHEAST OF STATION - PK NAIL IN 18" PINE TREE ON THE SOUTH SIDE OF MURPHY ROAD. TREE IS OPPOSITE THE FOURTH GUARD POST FROM TERRY ROAD. PK NAIL IS 5' ABOVE THE GROUND



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 866-0344

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-604

**IN THE TOWN OF**  
 PROSPECT

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 752,174.820 FEET  
 E. 931,456.030 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-31'-30.56612"  
 LONG. 73°-00'-01.15005"  
 THETA ANGLE - 0°-09'-57.5"

**TYPE OF MARKER**  
 BRASS DISK

**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

CONDITION OF STATION	BY	DATE

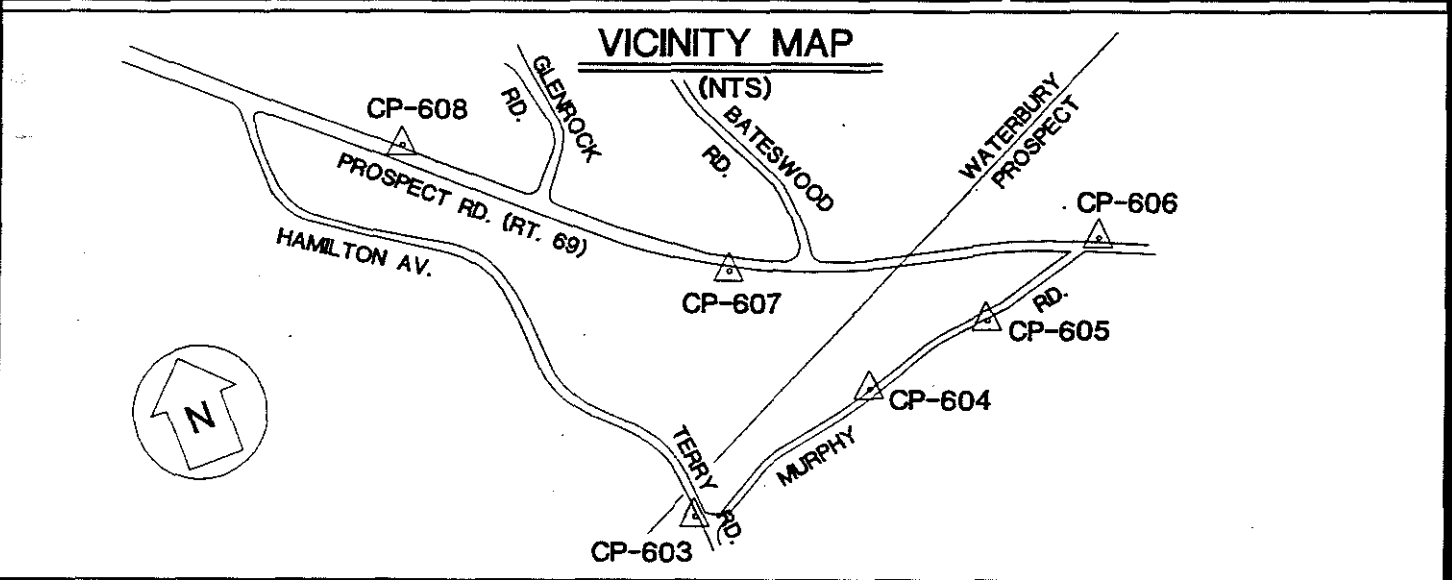
**ELEVATIONS**

\_\_\_\_\_ FEET  
 (NAVD 88)

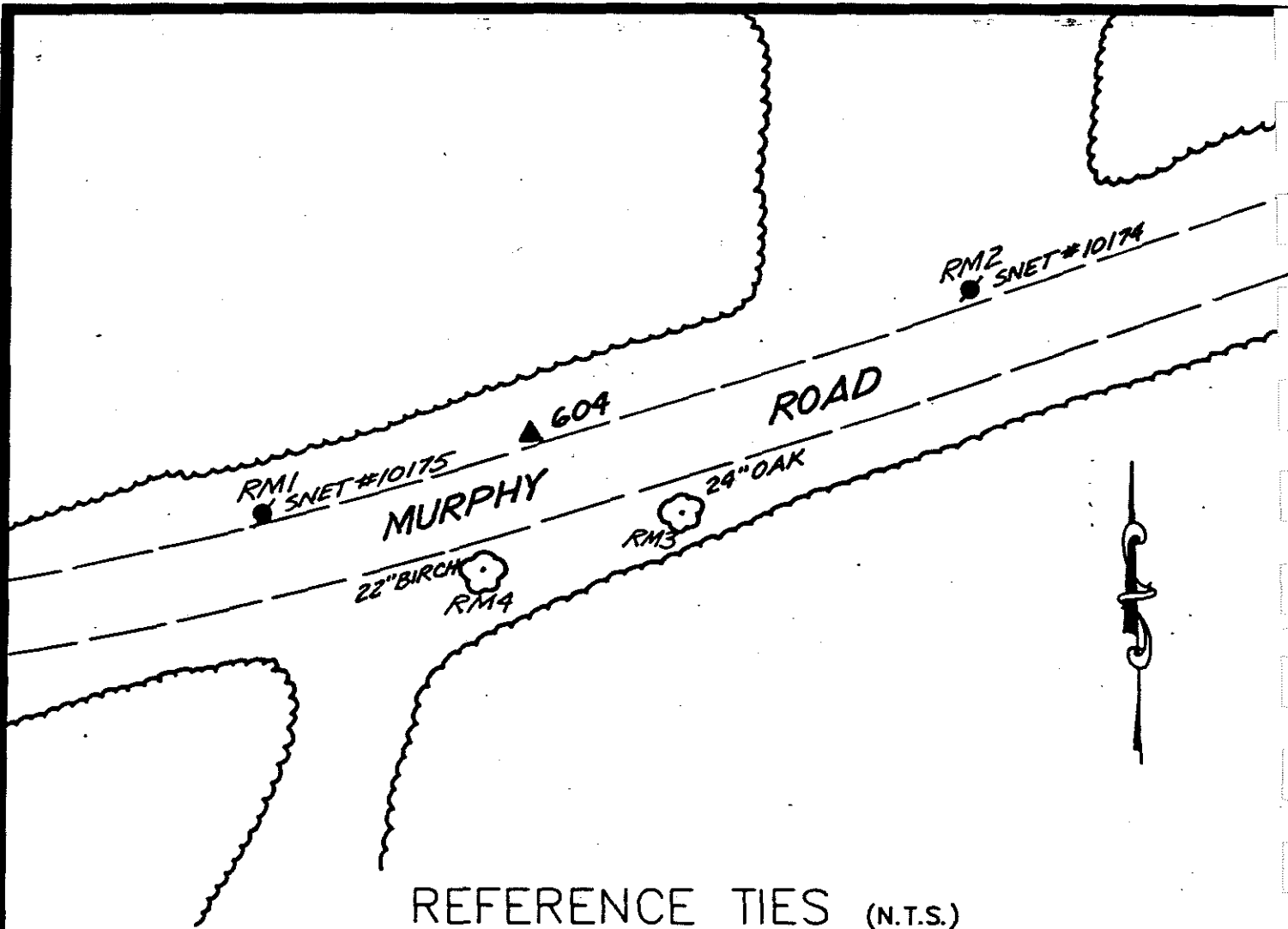
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-603	554.791	0°-00'-00"	254°-42'-35.2"
CP-605	347.580	185°-42'-47.5"	80°-25'-22.8"
RM1	87.21	01°-45'-36"	
RM2	109.54	178°-32'-36"	
RM3	38.79	222°-35'-02"	
RM4	40.30	308°-34'-20"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #604: BRASS DISK IN ROCK ON THE NORTH SIDE OF MURPHY RD.

RM1: SOUTHWEST OF STATION - A PK NAIL 2'± UP IN SNET CO. POLE #10175

RM2: NORTHEAST OF STATION - A PK NAIL 2'± UP IN SNET CO. POLE #10174

RM3: SOUTHEAST OF STATION - A PK NAIL 3'± UP IN A 24" OAK TREE ON SOUTH SIDE OF MURPHY RD., 3' SOUTH OF THE EDGE OF BIT.

RM4: SOUTHWEST OF STATION - A PK NAIL 3'± UP IN A 22" BLACK BIRCH TREE ON SOUTH SIDE OF MURPHY RD., 5' SOUTH OF THE EDGE OF BIT.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KITTS LANE NEWINGTON, CT (203) 800-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-605

**IN THE TOWN OF**  
PROSPECT

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 752,232.648 FEET

E. 931,798.766 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-31'-31.14724"

LONG. 72°-59'-56.64630"

THETA ANGLE - 0°-09'-54.5"

**TYPE OF MARKER**  
CITY ROD MON.

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

CONDITION OF STATION	BY	DATE

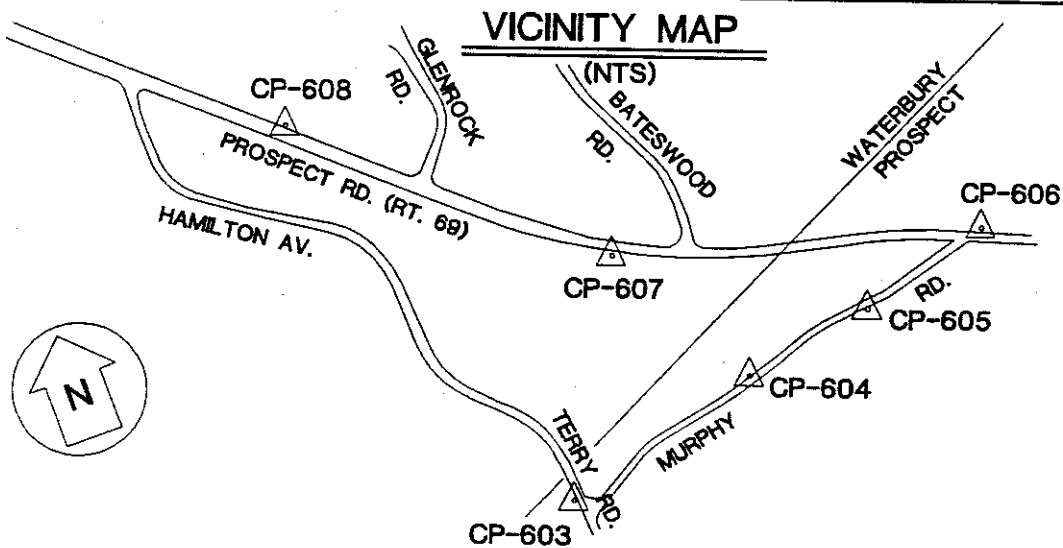
**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

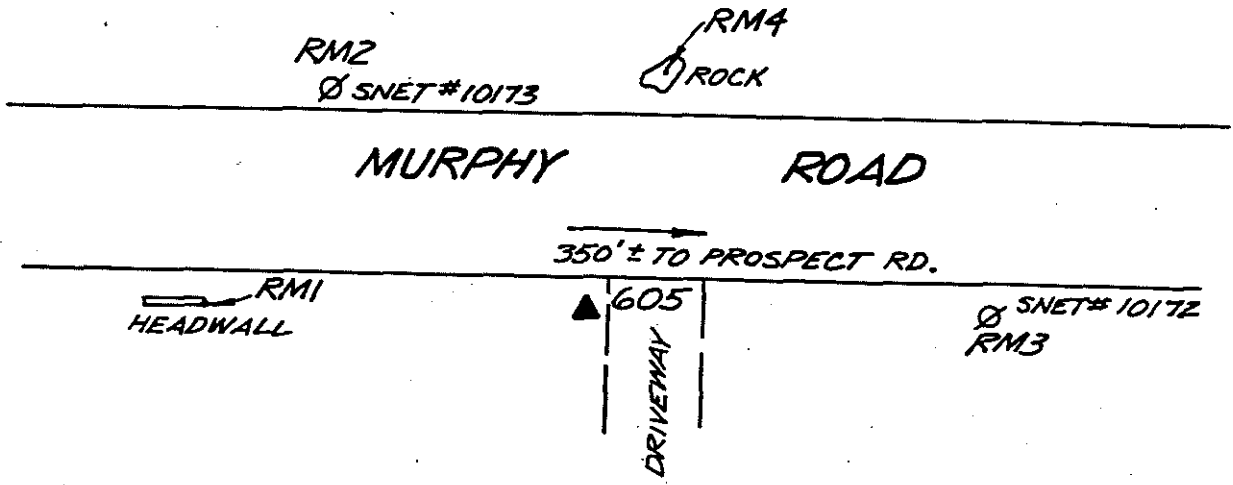
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-604	347.580	0°-00'-00"	260°-25'-22.8"
CP-606	356.020	173°-59'-44.4"	74°-25'-07.2"
RM1	127.79	02°-40'-32"	
RM2	63.58	29°-54'-25"	
RM3	125.70	184°-05'-35"	
RM4	29.23	106°-51'-19"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

- STATION #605: ROD MONUMENT ON SOUTH SIDE OF MURPHY RD., 3' SOUTH OF EDGE OF ROAD
- RM1: WEST OF STATION - A 3/8" DRILL HOLE IN THE SOUTHEAST CORNER OF TOP OF CONCRETE HEADWALL
- RM2: NORTHWEST OF STATION - DOUBLE HEAD NAIL 4' ± UP IN SNET CO. POLE #10173
- RM3: EAST OF STATION - A PK NAIL 3' ± UP IN SNET CO. POLE #10172
- RM4: NORTHEAST OF STATION - A 3/8" DRILL HOLE IN UPRIGHT ROCK, NORTH SIDE OF MURPHY RD., 3' NORTH OF NORTH EDGE OF MURPHY ROAD





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
 CP-606

**IN THE TOWN OF**  
 PROSPECT

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 752,328.277 FEET

E. 932,141.702 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-31'-32.10178"

LONG. 72°-59'-52.14132"

THETA ANGLE - 0°-09'-51.5"

**TYPE OF MARKER**  
 BRASS DISK

**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

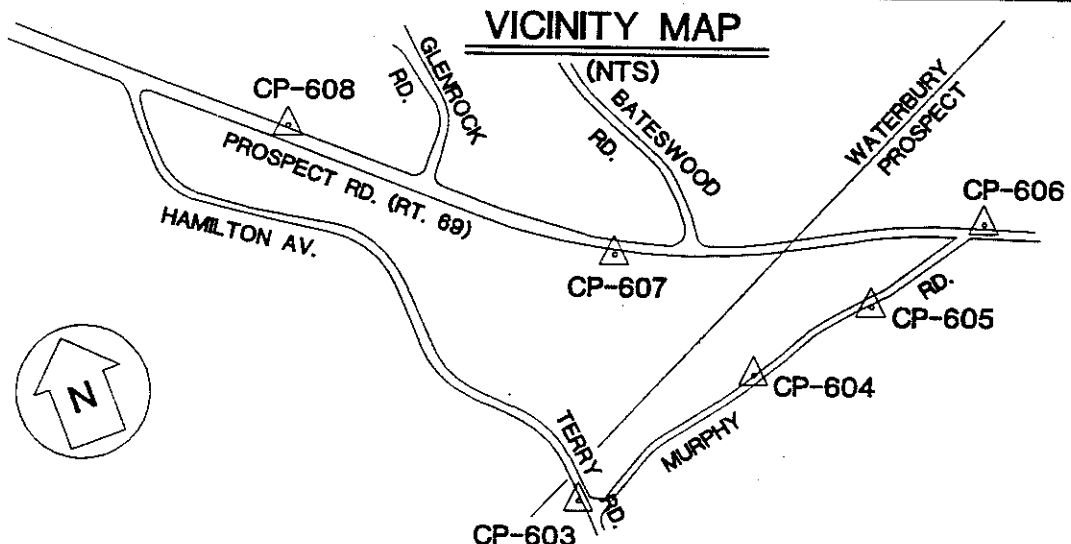
\_\_\_\_\_ FEET  
 (NAVD 88)

DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-605	356.020	0°-00'-00"	254°-25'-07.2"
CP-607	950.800	31°-33'-16.6"	285°-58'-23.8"
RM1	24.03	34°-37'-42"	
RM2	110.06	221°-13'-10"	
RM3	69.28	271°-47'-39"	
RM4	68.07	351°-46'-44"	



MURPHY RD.

RM4

SNET #615

RM3

PROSPECT ROAD  
(RTE. 69)

RM1

606

RM2

### REFERENCE TIES (N.T.S.)

### COMMENTS

STATION #606: BRASS DISK ON EAST SIDE OF RTE. #69 IN CONCRETE BASE FOR BEGINNING OF GUARD RAILS

RM1: NORTH OF STATION - A CHISEL CROSS ON TOP OF STEEL GUARD POST. THE GUARD POST IS SOUTHERN MOST POST

RM2: SOUTHWEST OF STATION - A 3/8" DRILL HOLE IN TOP OF FRAME OF A CATCH BASIN ON THE EAST SIDE OF RTE. #69

RM3: WEST OF STATION - A 3/8" DRILL HOLE IN TOP OF FRAME OF A CATCH BASIN IN GRASS AREA ON THE WEST SIDE OF RTE. #69

RM4: NORTHWEST OF STATION - A PK NAIL 2'± UP IN SNET CO. POLE #615



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-607

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 752,589.927 FEET  
 E. 931,227.612 FEET  
 DATE 6 - 15 - 83

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-31'-34.68077"  
 LONG. 73°-00'-04.16880"  
 THETA ANGLE - 0°-09'-59.5"

**TYPE OF MARKER**  
 CITY ROD MON.

**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

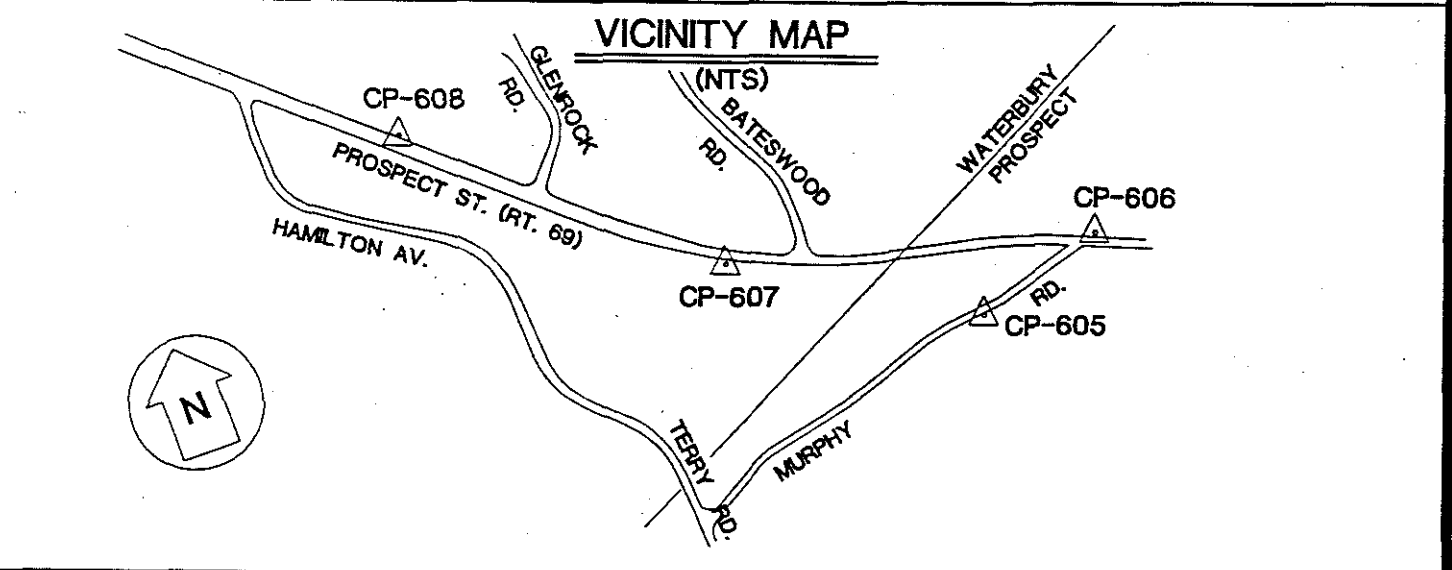
\_\_\_\_\_ FEET  
 (NAVD 88)

DATE \_\_\_\_\_

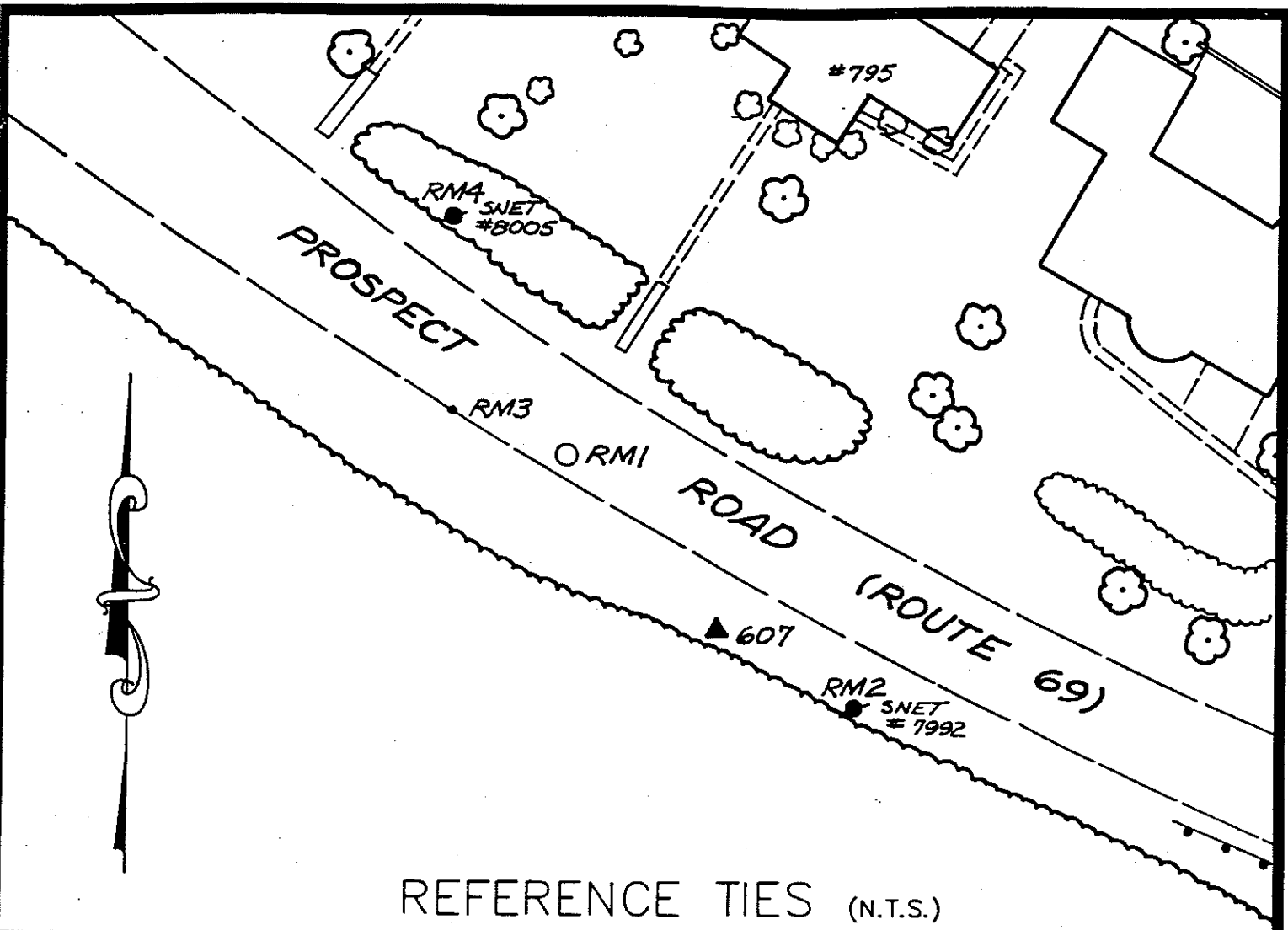
\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-606	950.800	0°-00'-00"	105°-58'-23.8"
CP-608	901.909	206°-15'-52.7"	312°-14'-16.8"
RM1	46.08	236°-59'-54"	
RM2	117.20	220°-35'-44"	
RM3	86.43	198°-54'-59"	
RM4	40.50	14°-04'-27"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #607: SET ROD MONUMENT ON THE WEST SIDE OF RTE. #69, 8' SOUTH OF SOUTH RANGE OF HOUSE #795 AND 7' WEST OF BIT. CURB

RM1: NORTHWEST OF STATION - A CHISEL CROSS ON WEST SIDE OF MANHOLE RIM

RM2: SOUTHEAST OF STATION - A PK NAIL 2'± UP IN SNET CO. POLE #7992

RM3: NORTHWEST OF STATION - A PK NAIL IN TOP OF BIT. CURB OPPOSITE 4TH STEEL GUARD POST

RM4: NORTHWEST OF STATION - A PK NAIL 2'± UP IN SNET CO. POLE #8005



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 866-0734

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-608

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 753,196.200 FEET  
 E. 930,559.875 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-31'-40.63138"  
 LONG. 73°-00'-12.97116"  
 THETA ANGLE - 0°-10'-05.4"

**TYPE OF MARKER**  
 CGS BRONZE DISK

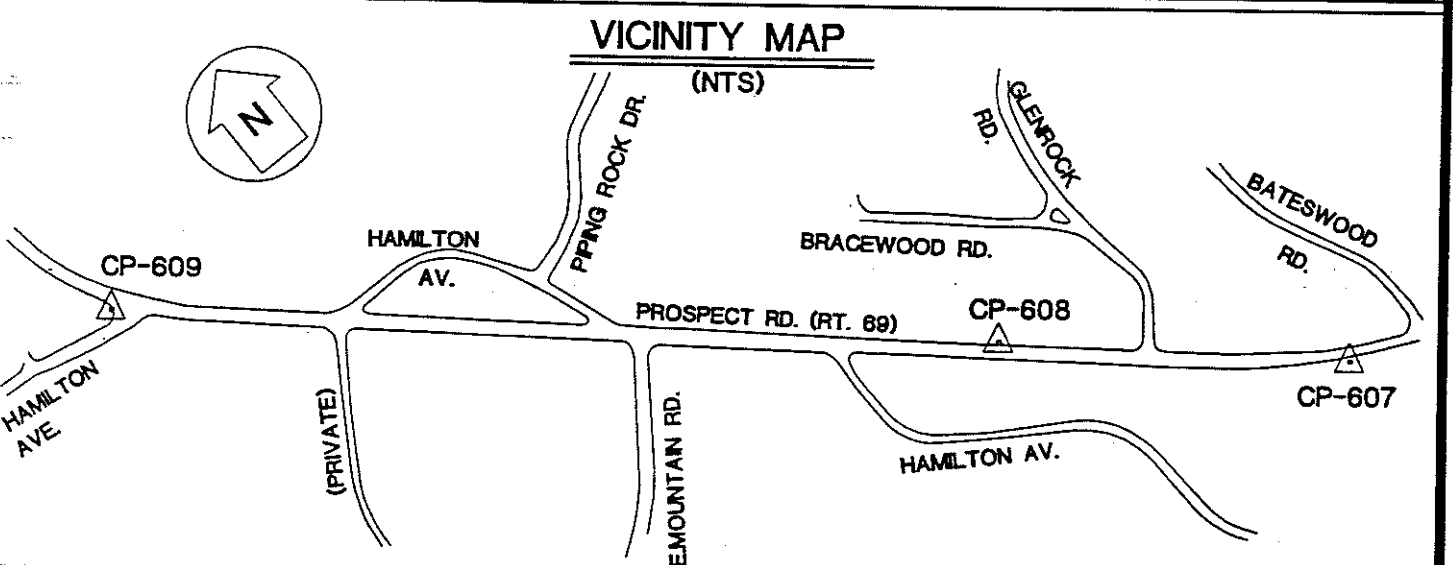
**ALSO REFERRED TO AS STATION #**  
 CTGS 3494

**ELEVATIONS**

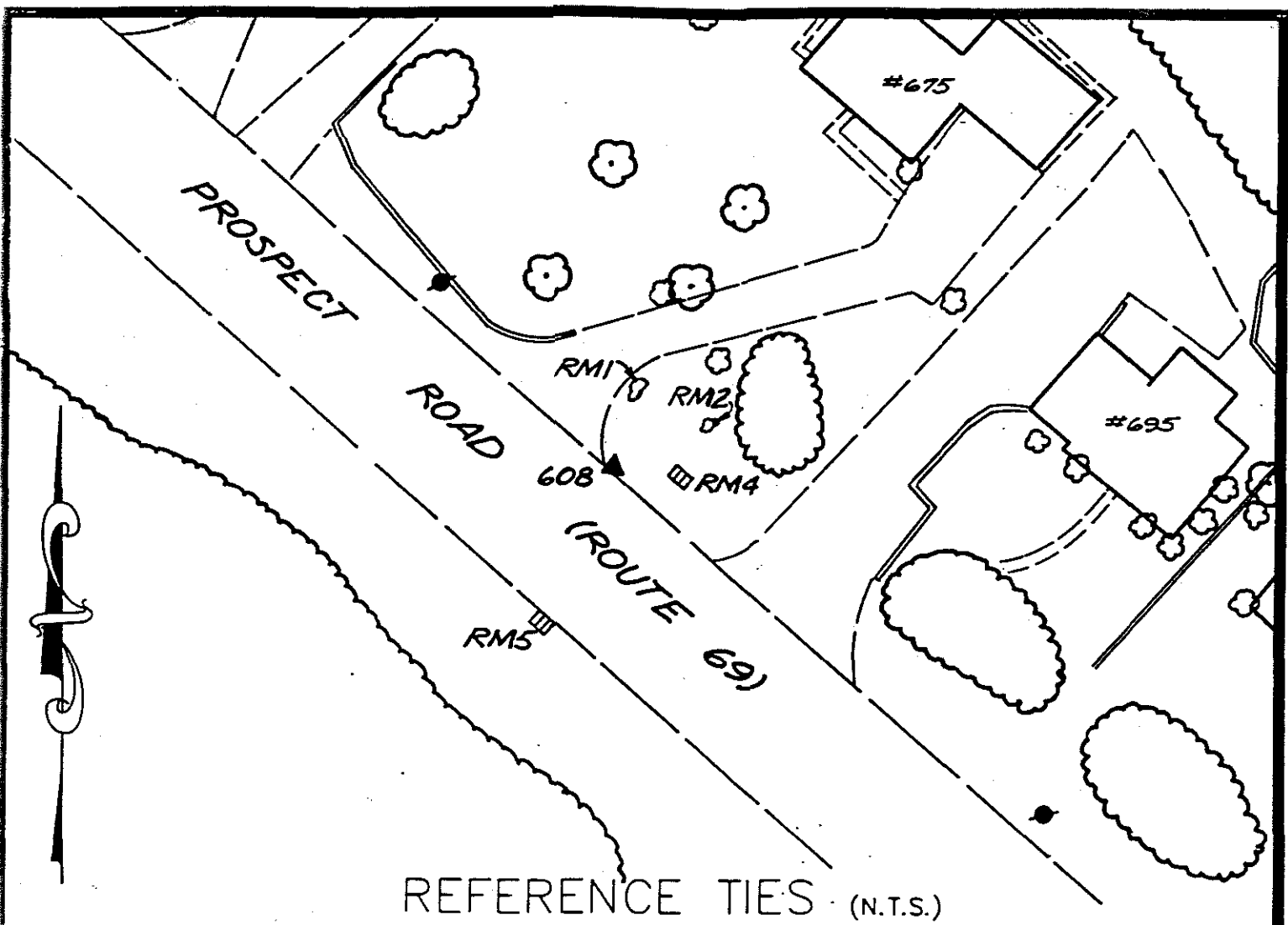
\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-607	901.909	0°-00'-00"	132°-14'-16.6"
CP-609	2271.775	178°-40'-23.4"	310°-54'-39.9"
RM1	22.33	245°-21'-58"	
RM2	15.29	292°-37'-43"	
RM4	10.42	341°-12'-59"	
RM5	48.38	84°-12'-11"	



REFERENCE TIES (N.T.S.)

COMMENTS

**STATION #608:** STATION MARK IS U.S.C. AND G.S. STATE SURVEY BRONZE DISK STAMPED 3494 AND SET IN THE TOP OF A REINFORCED CONCRETE POST, SET IN EDGE OF SHOULDER 3" BELOW BIT. CONCRETE SURFACE. THE STATION IS ON THE NORTHEAST SIDE OF RTE. #69 (PROSPECT ROAD) AT THE SUMMIT OF EAST MOUNTAIN, 2.2 MILES NORTH OF ITS INTERSECTION WITH RTE. #68 (CHESHIRE ROAD). IT IS 6" WEST OF THE EAST EDGE OF BIT. CONCRETE AND 31.3' SOUTH OF THE RANGE OF THE NORTH SIDE OF HOUSE #675; 18.3' NORTHEAST OF CENTERLINE OF ROAD.

**RM1:** NORTHEAST OF STATION - A 1/4" BOLT IN A DRILL HOLE IN A 1'X2' LEDGE OUTCROP ON SOUTH SIDE OF DRIVEWAY AND 39' FROM CENTERLINE OF ROAD.

**RM2:** EAST OF STATION - A 1/2" DRILL HOLE AND CHISELLED SQUARE IN EAST SIDE OF 4'X4' LEDGE OUTCROP.

**RM4:** EAST OF STATION - A DRILL HOLE IN THE NORTHWEST CORNER OF CATCH BASIN IN EAST SIDE OF ROAD.

**RM5:** SOUTHWEST OF STATION - A DRILL HOLE IN THE CENTER OF CONCRETE CURB OF CATCH BASIN ON WEST SIDE OF ROAD.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 866-034

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-609

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 754,883.958 FEET  
 E. 928,843.034 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-31'-55.27977"  
 LONG. 73°-00'-35.60220"  
 THETA ANGLE - 0°-10'-20.4"

**TYPE OF MARKER**  
 CGS BRONZE DISK

**ALSO REFERRED TO AS STATION #**  
 CTGS 806X

CONDITION OF STATION	BY	DATE

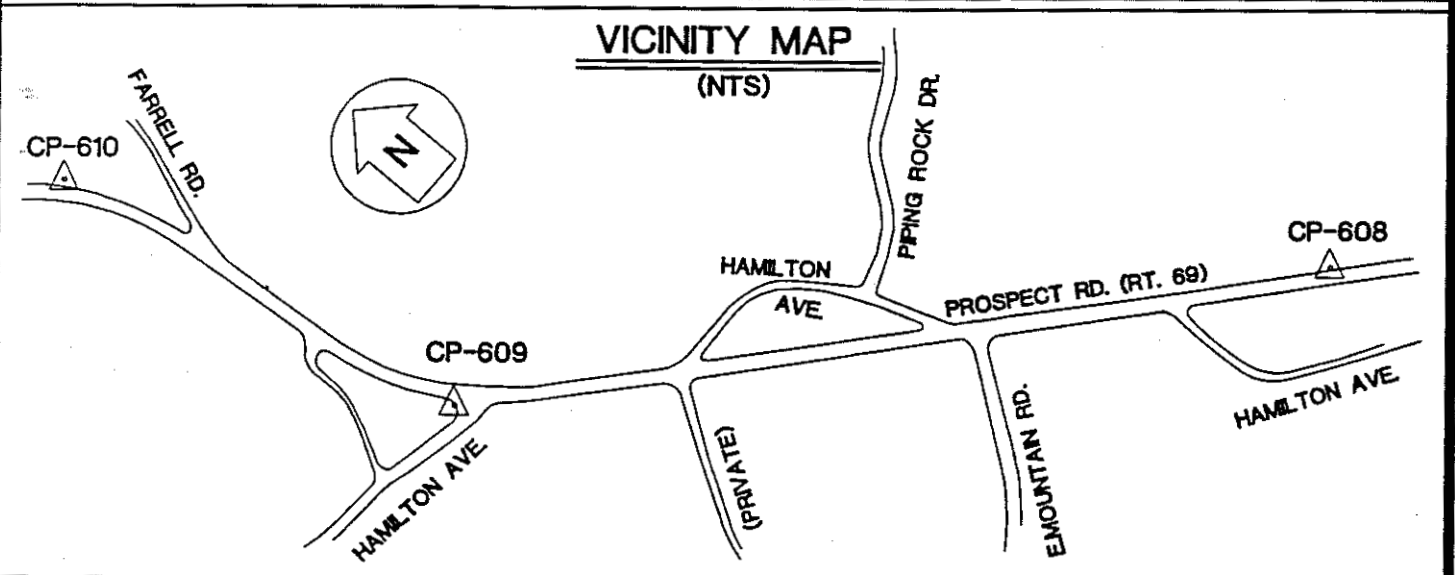
**ELEVATIONS**

\_\_\_\_\_ FEET  
 (NAVD 88)

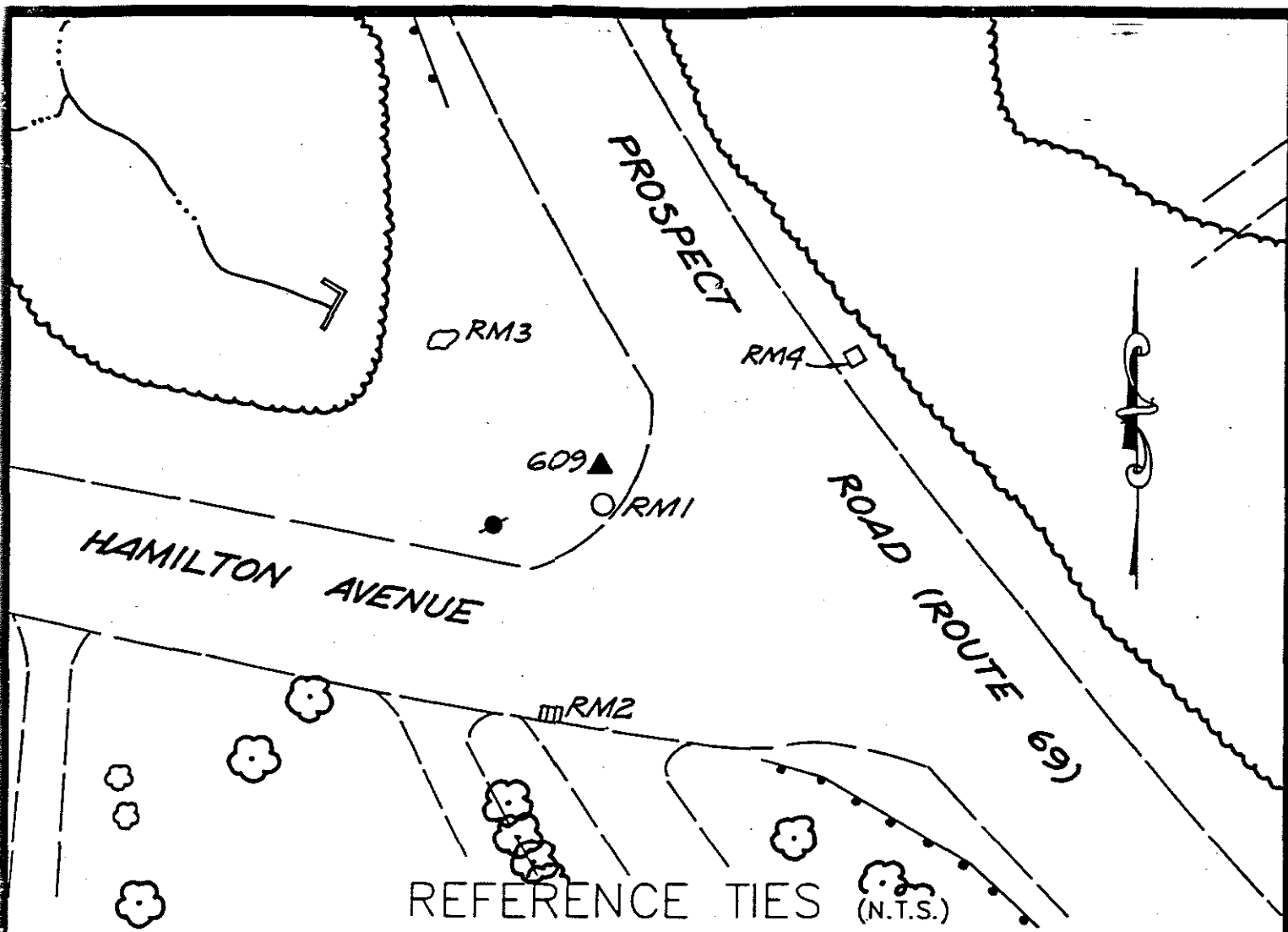
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-608	2271.775	0°-00'-00"	130°-54'-39.9"
CP-610	1158.638	218°-44'-51.2"	349°-39'-31.1"
RM1	6.33	73°-20'-34"	
RM2	86.59	97°-49'-04"	
RM3	74.78	171°-06'-35"	
RM4	81.26	307°-53'-38"	



REFERENCE TIES (N.T.S.)

COMMENTS

**STATION 609:** STATION MARK IS A STANDARD STATE SURVEY BRONZE DISK STAMPED 906X, SET IN TOP OF A REINFORCED CONCRETE POST, THE TOP 3" BELOW THE SURFACE. THE STATION IS ON THE WEST SIDE OF CONNECTICUT RTE. #69, 2.5 MILES NORTH OF ITS INTERSECTION WITH CONNECTICUT RTE. #68. IT IS 32' WEST OF THE CENTER OF RTE. 69; IT IS 48' NORTHEAST OF HAMILTON AVE. #3 CENTERLINE; 35.6' EAST OF SNET CO. POLE #1275; 1' NORTHWEST OF THE TOP OF BIT. CURBING AND 159.6' SOUTHEAST OF CENTER OF FIRE HYDRANT

**RM1:** SOUTH OF STATION - A DRILL HOLE AND FLARE MARK IN SOUTHEAST PART OF CHD MANHOLE RIM

**RM2:** SOUTHWEST OF STATION - A 1/2" DRILL HOLE AND CHISELLED SQUARE IN THE CENTER OF CONCRETE CURB OF CATCH BASIN ON SOUTH SIDE OF HAMILTON ROAD

**RM3:** NORTHWEST OF STATION - A 1/2" DRILL HOLE AND CHISELLED SQUARE IN 3' X 2' X 2' HIGH BOULDER JUST EAST OF "L" ENDWALL ON WEST SIDE OF RTE. #69

**RM4:** NORTHEAST OF STATION - A CHD R.O.W. MONUMENT MARKED WITH A "+" ON THE EAST SIDE OF ROAD





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-610

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 755,823.773 FEET

E. 928,635.044 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-06.53478"

LONG. 73°-00'-38.38213"

THETA ANGLE - 0°-10'-22.2"

**TYPE OF MARKER**  
CHD BASELINE MON.

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

**ELEVATIONS**

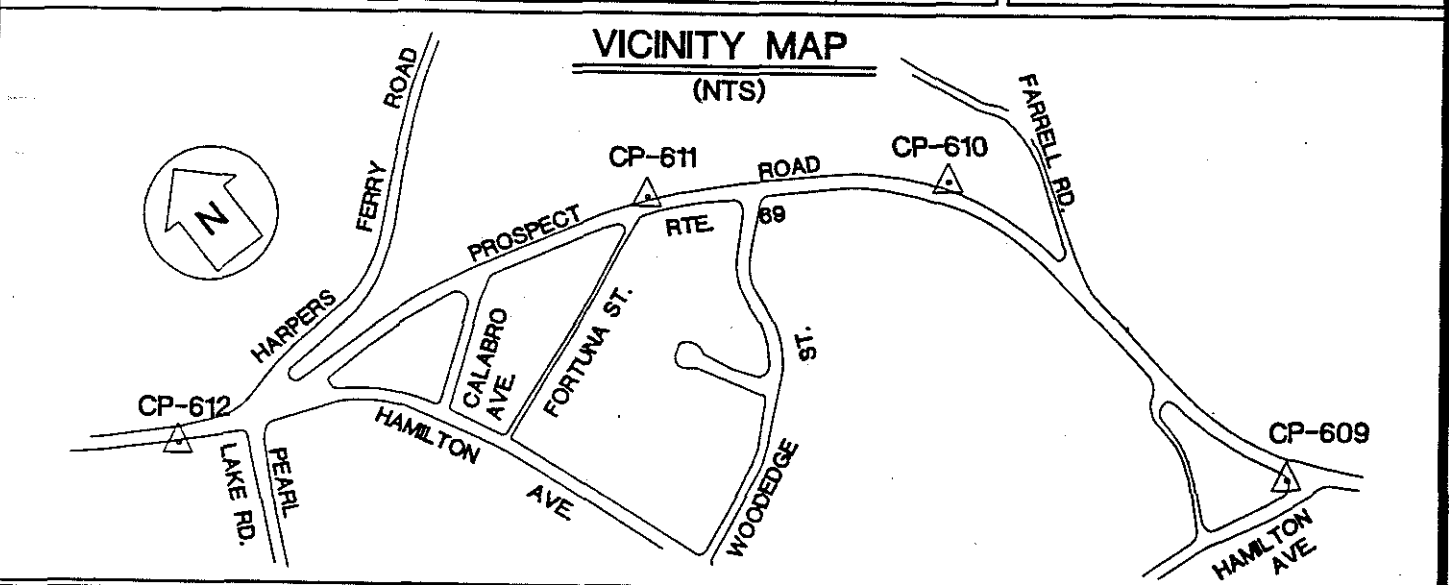
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

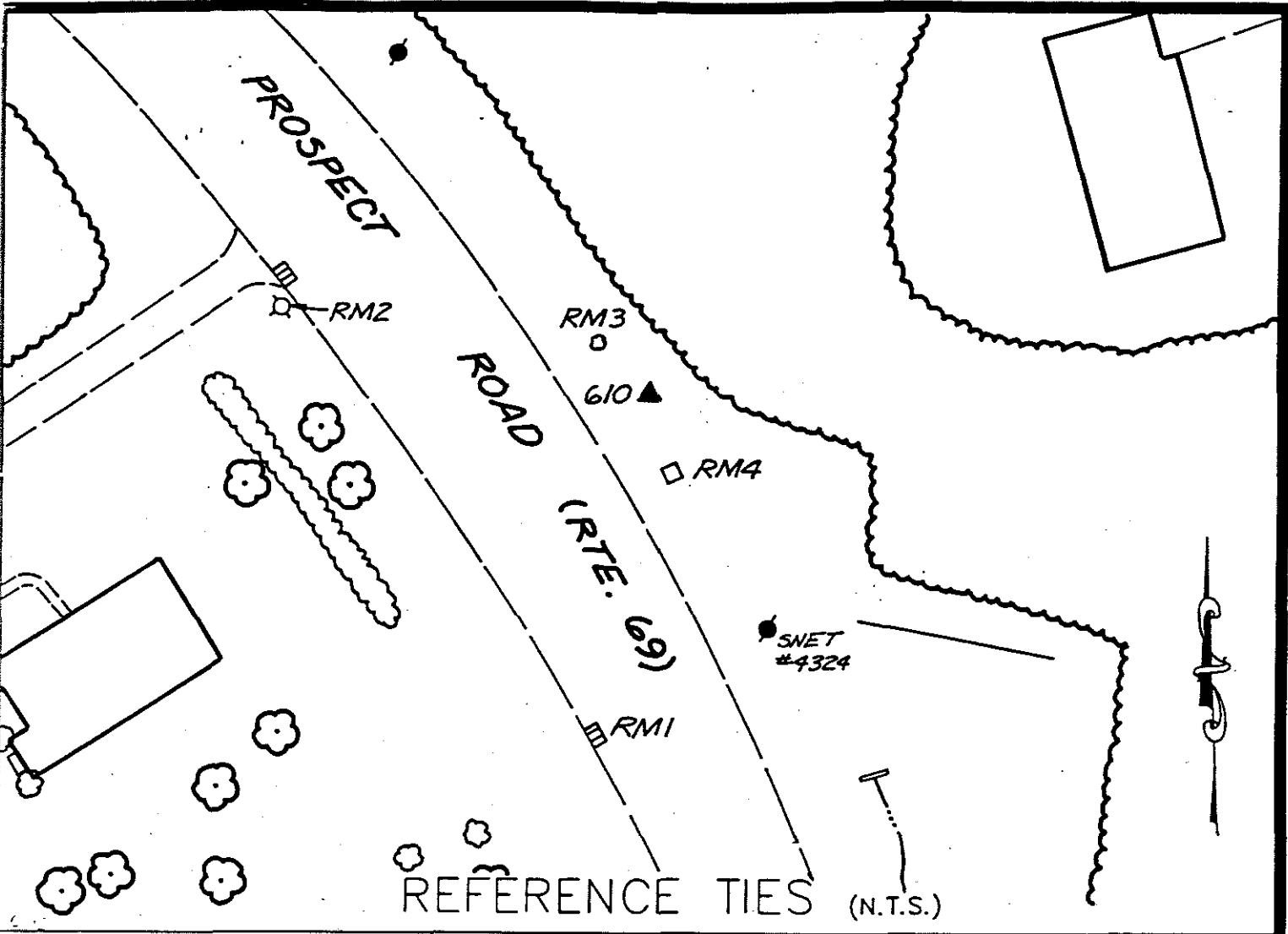
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-609	1158.638	0°-00'-00"	169°-39'-31"
CP611	773.322	135°-56'-27.2"	305°-35'-58.3"
RM1	83.51	22°-44'-12"	
RM2	96.79	113°-41'-52"	
RM3	14.36	189°-22'-41"	
RM4	15.98	299°-20'-20"	



REFERENCE TIES (N.T.S.)

COMMENTS

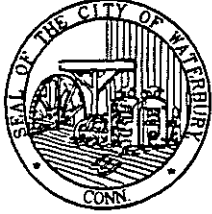
STATION #610: A 5" X 5" SQUARE CONCRETE CHD BASELINE MONUMENT MARKED BY A "+", 12' EAST OF ROAD AND 59' NORTH OF SNET CO. POLE #4324

RM1: SOUTHWEST OF STATION - A DRILL HOLE IN THE CENTER OF CONCRETE CURB OF A CATCH BASIN ON THE WEST SIDE OF THE ROAD

RM2: NORTHWEST OF STATION - TOP OF FIRE HYDRANT ON SOUTH SIDE OF DRIVEWAY ON THE WEST SIDE OF THE ROAD

RM3: NORTHWEST OF STATION - A DRILL HOLE ON THE SOUTHEAST CORNER OF A 3' X 3' BOULDER

RM4: SOUTHEAST OF STATION - A CONCRETE CHD R.O.W. MONUMENT MARKED BY A "+"



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KITTS LANE NEWINGTON, CT (203) 866-0734

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-611

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 756273.936 FEET

E. 928,006.252 FEET

DATE 6 - 15 - 83

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-10.86349"

LONG. 73°-00'-46.66812"

THETA ANGLE - 0°-10'-27.7"

**TYPE OF MARKER**  
BRASS DISK

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

CONDITION OF STATION	BY	DATE

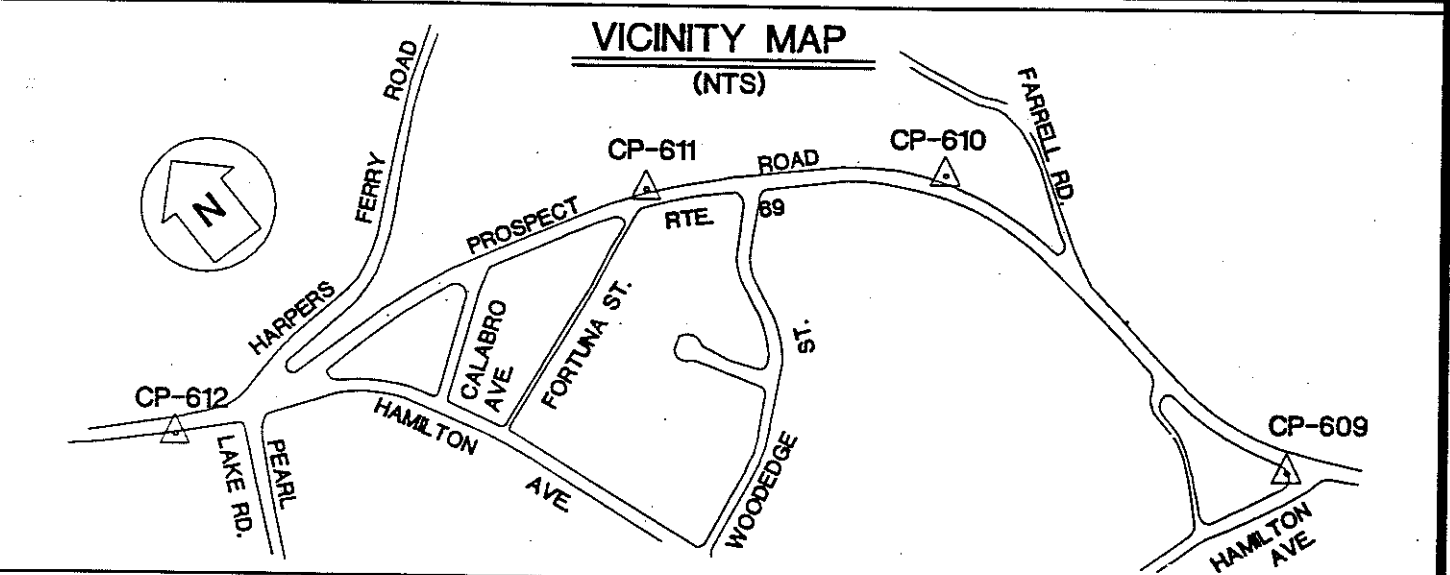
**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

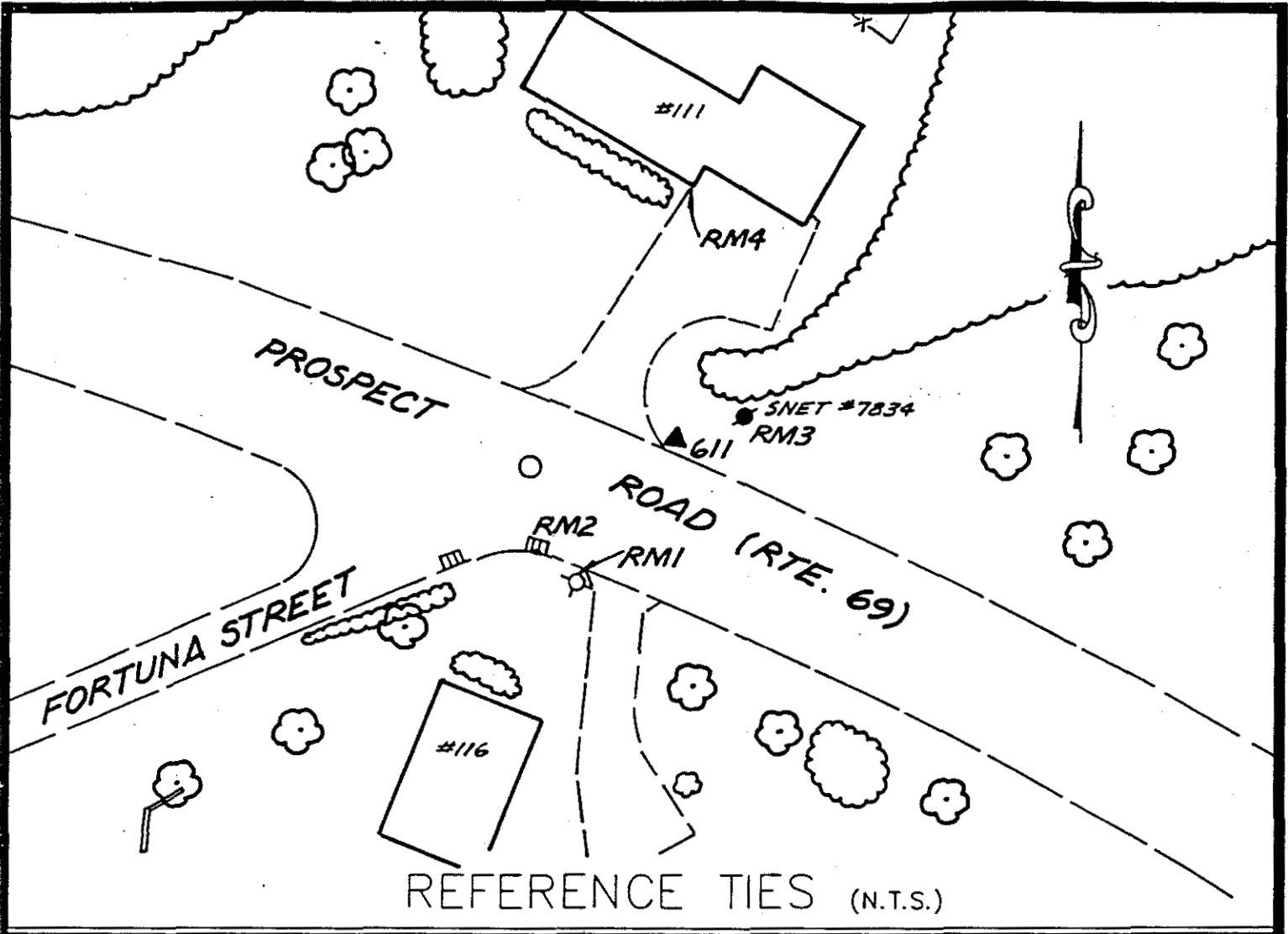
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-610	773.322	0°-00'-00"	125°-35'-58.3"
CP-612	1355.908	154°-51'-05.7"	280°-27'-04.0"
RM1	53.21	102°-51'-55"	
RM2	54.16	109°-27'-31"	
RM3	8.53	302°-16'-48"	
RM4	60.60	233°-25'-53"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #611: SET BRASS DISK IN STONE OUTCROP ON THE EAST SIDE OF RTE. #69, 3' EAST OF EDGE OF BIT. AND 2' SOUTH OF SOUTH RANGE OF HOUSE #111

RM1: SOUTHWEST OF STATION - A CHISEL CROSS MARK ON BOLT OF A HYDRANT (FLANGE)

RM2: SOUTHWEST OF STATION - A 3/8" DRILL HOLE IN TOP OF CURB OF CATCH BASIN ON THE WEST SIDE OF RTE. #69

RM3: NORTHEAST OF STATION - A PK NAIL 2'± UP IN SNET CO. POLE #7834

RM4: NORTH OF STATION - CORNER OF HOUSE #111, BOTTOM OF 15TH BRICK UP



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 NOTTS LANE NEWINGTON, CT (203) 898-0734

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-612

**IN THE TOWN OF  
 WATERBURY**

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 756,519.893 FEET  
 E. 926,672.839 FEET  
 DATE 8 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-13.35304"  
 LONG. 73°-01'-04.21150"  
 THETA ANGLE - 0°-10'-39.3"

**TYPE OF MARKER**  
 BRASS DISK

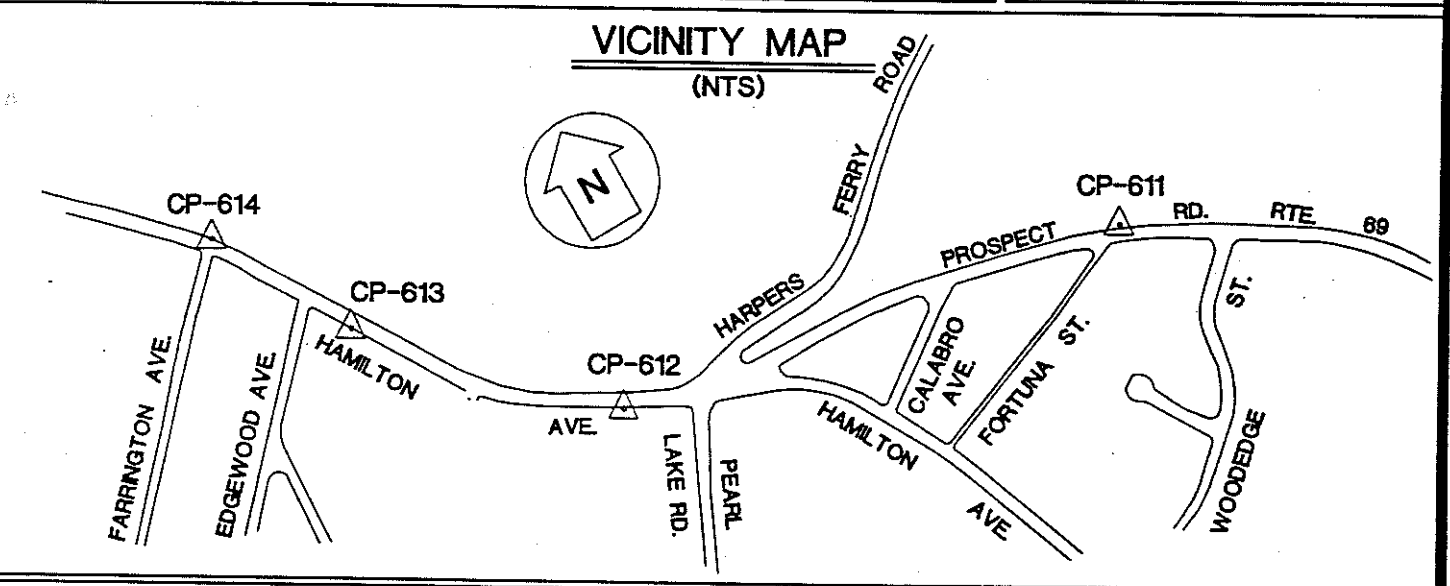
**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

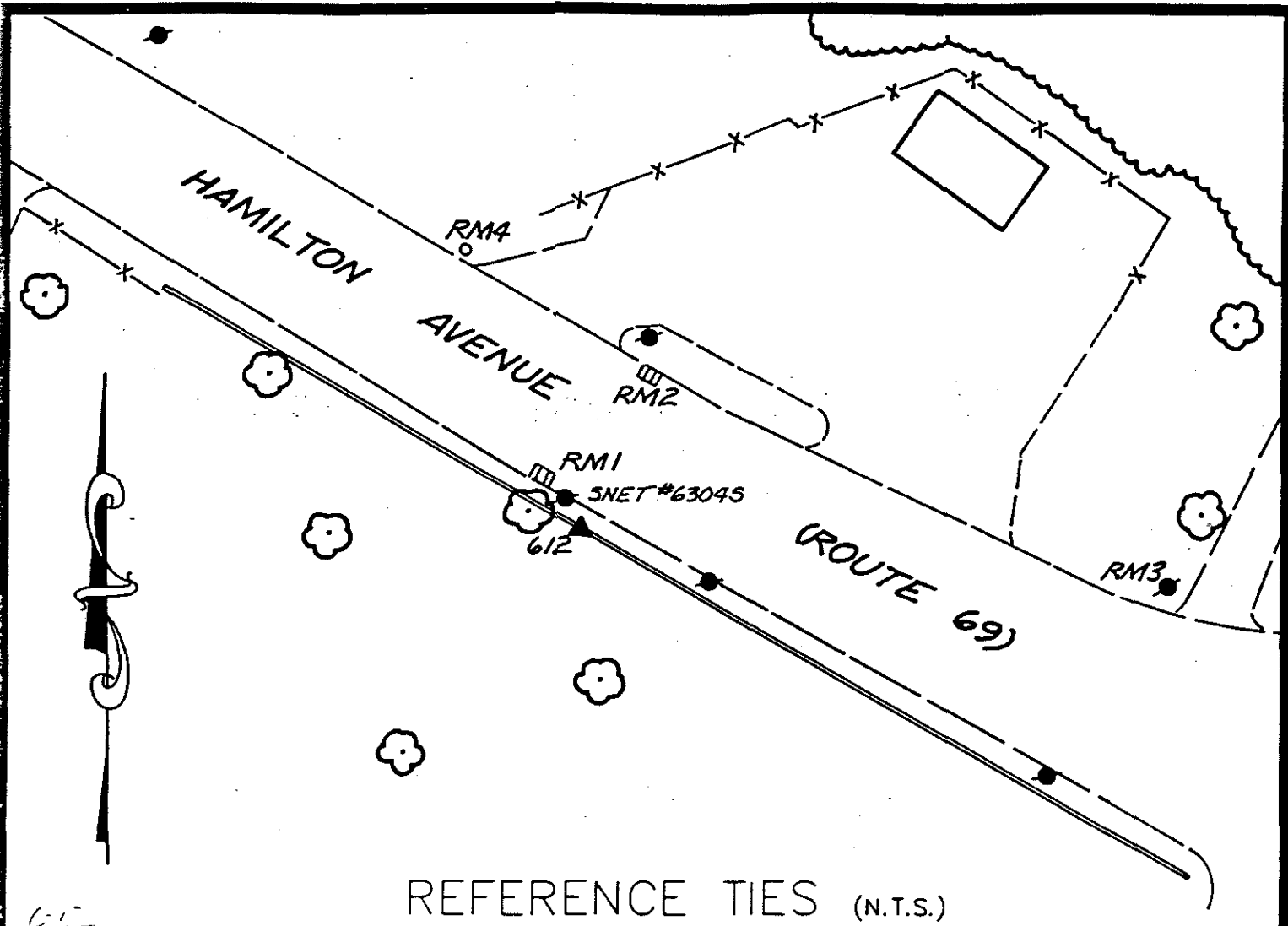
\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-611	1355.908	0°-00'-00"	100°-27'-04.0"
CP-613	728.996	216°-37'-23.5"	317°-04'-27.6"
RM1	12.22	227°-42'-23"	
RM2	45.82	275°-04'-40"	
RM3	110.40	341°-34'-05"	
RM4	70.03	250°-47'-17"	



REFERENCE TIES (N.T.S.)

COMMENTS

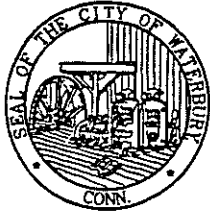
STATION #612: CONN. D.O.T. BRASS DISK ON TOP OF STONE WALL, 5' SOUTH OF SNET CO. POLE #63045

RM1: NORTH OF STATION - A CHISEL CROSS MARK ON TOP OF FRAME OF STEEL CATCH BASIN

RM2: NORTHEAST OF STATION - A CHISEL CROSS MARK ON TOP OF FRAME OF STEEL CATCH BASIN

RM3: EAST OF STATION - A 3/8" DRILL HOLE, NORTHWEST CORNER OF A CONCRETE LIGHT STANDARD BASE IN PARKING LOT

RM4: NORTHWEST OF STATION - A 3/8" DRILL HOLE, SOUTHWEST CORNER OF A CONCRETE LIGHT STANDARD BASE IN PARKING LOT



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT 06853-0334

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-613

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 757,052.227 FEET

E. 926,177.719 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-18.59719"

LONG. 73°-01'-10.74385"

THETA ANGLE - 0°-10'-43.7"

**TYPE OF MARKER**  
BRASS DISK

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

CONDITION OF STATION	BY	DATE

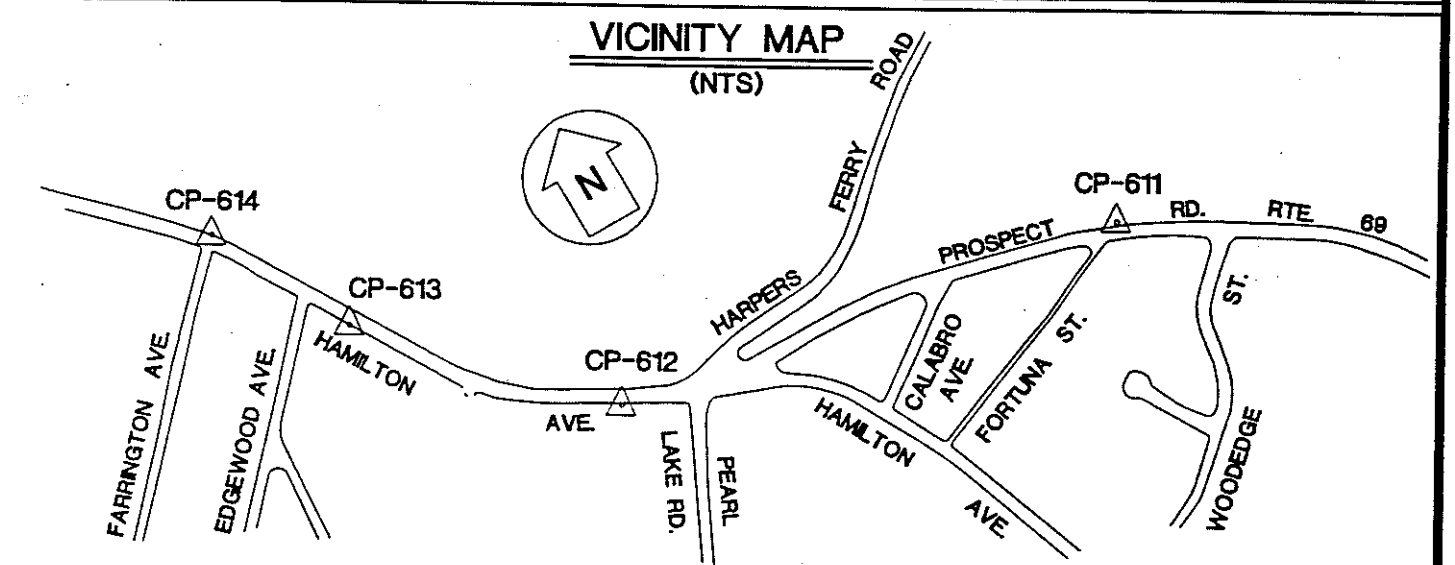
**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

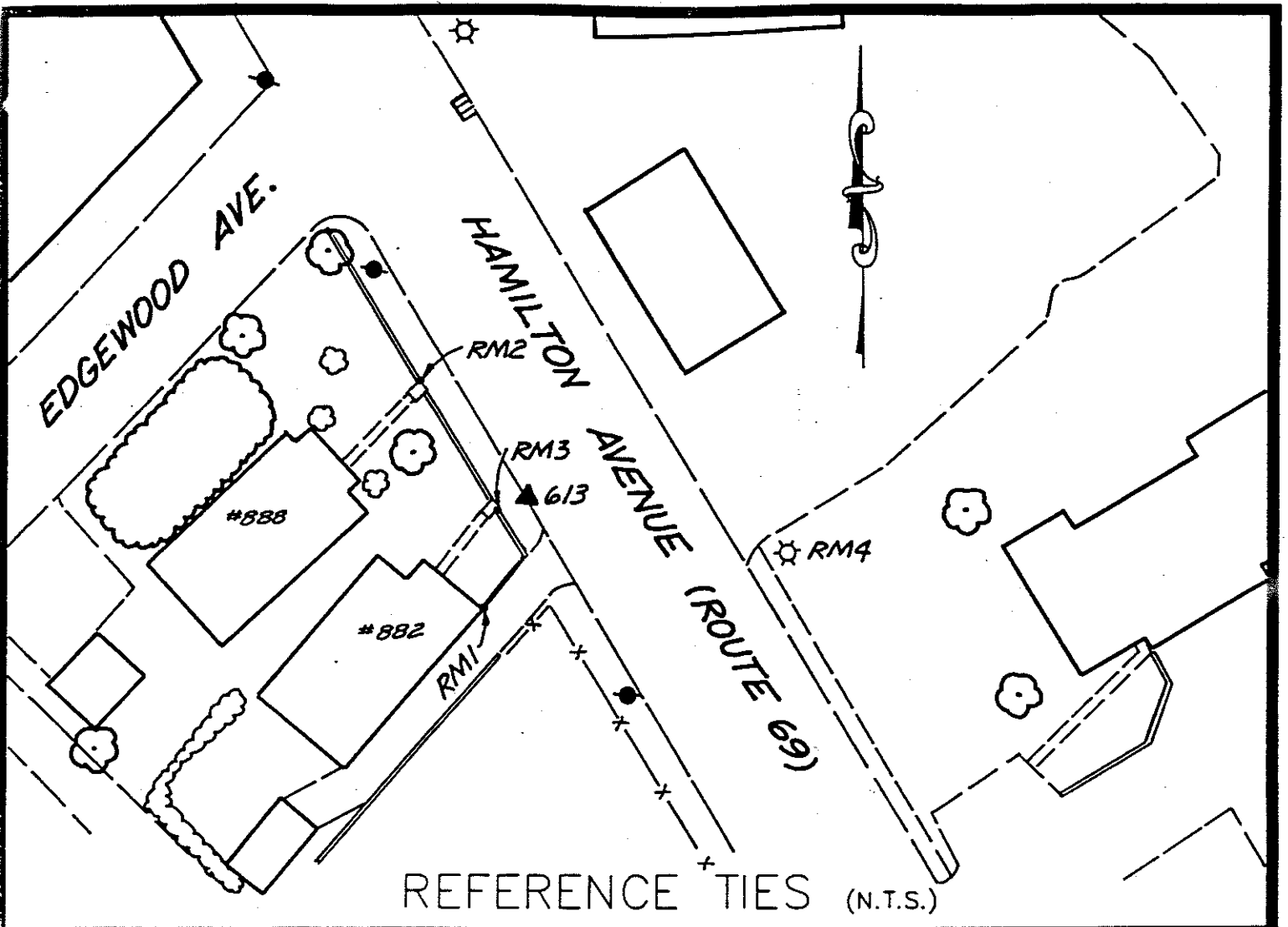
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-612	726.996	0°-00'-00"	137°-04'-27.6"
CP-614	422.929	196°-41'-03.8"	333°-45'-31.4"
RM1	28.39	139°-07'-51"	
RM2	71.81	187°-24'-34"	
RM3	33.41	182°-34'-01"	
RM4	46.13	290°-17'-07"	

SEE REVERSE SIDE FOR REFERENCE TIES



COMMENTS

STATION #613: SET BRASS DISK IN TOP OF CONCRETE CURB ON WEST SIDE OF RTE. #69, 22.0'± NORTH OF SOUTH RANGE OF HOUSE #882

RM1: SOUTHWEST OF STATION - SOUTHEAST CORNER OF CONCRETE PORCH FOUNDATION, 1'± UP FROM STONE FOUNDATION OF HOUSE #882

RM2: NORTHWEST OF STATION - A 3/8" DRILL HOLE ON TOP OF A CONCRETE WALL, NORTH SIDE OF STEPS TO HOUSE #888

RM3: WEST OF STATION - A 3/8" DRILL HOLE ON TOP OF CONCRETE WALL, SOUTH SIDE OF STEPS TO HOUSE #882

RM4: SOUTHEAST OF STATION - A 3/8" DRILL HOLE IN NORTHWEST CORNER OF CONCRETE LIGHT STANDARD BASE IN PARKING LOT





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KITTS LANE NEWINGTON, CT (203) 886-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-614

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 757,431.589 FEET

E. 925,990.720 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-22.33925"

LONG. 73°-01'-13.21843"

THETA ANGLE - 0°-10'-45.3"

**TYPE OF MARKER**  
BRASS DISK

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

**ELEVATIONS**

CONDITION OF STATION	BY	DATE

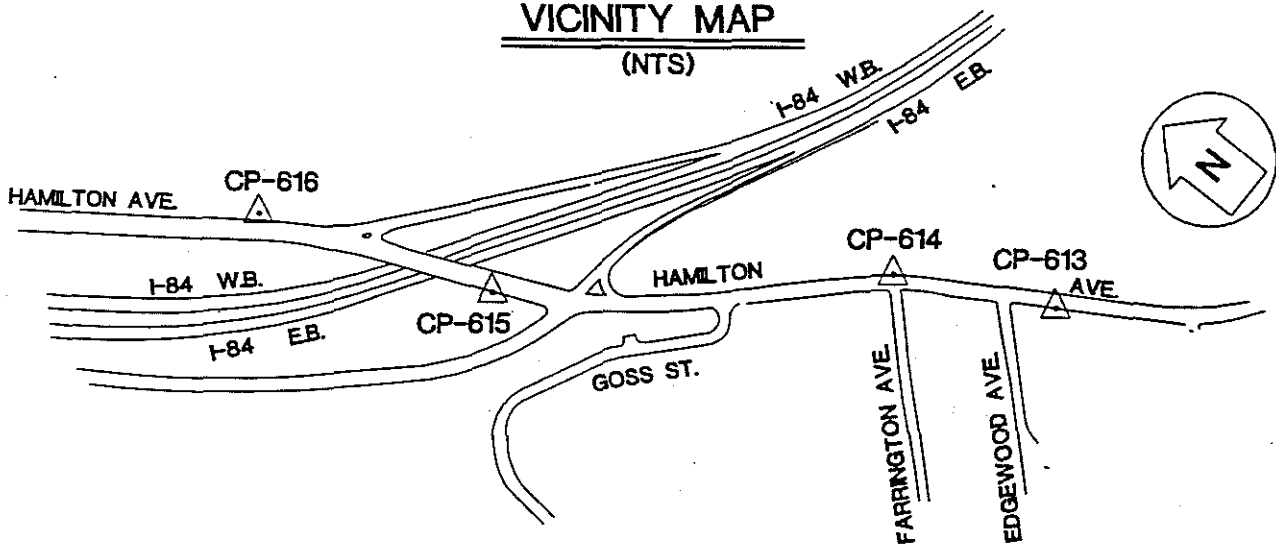
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

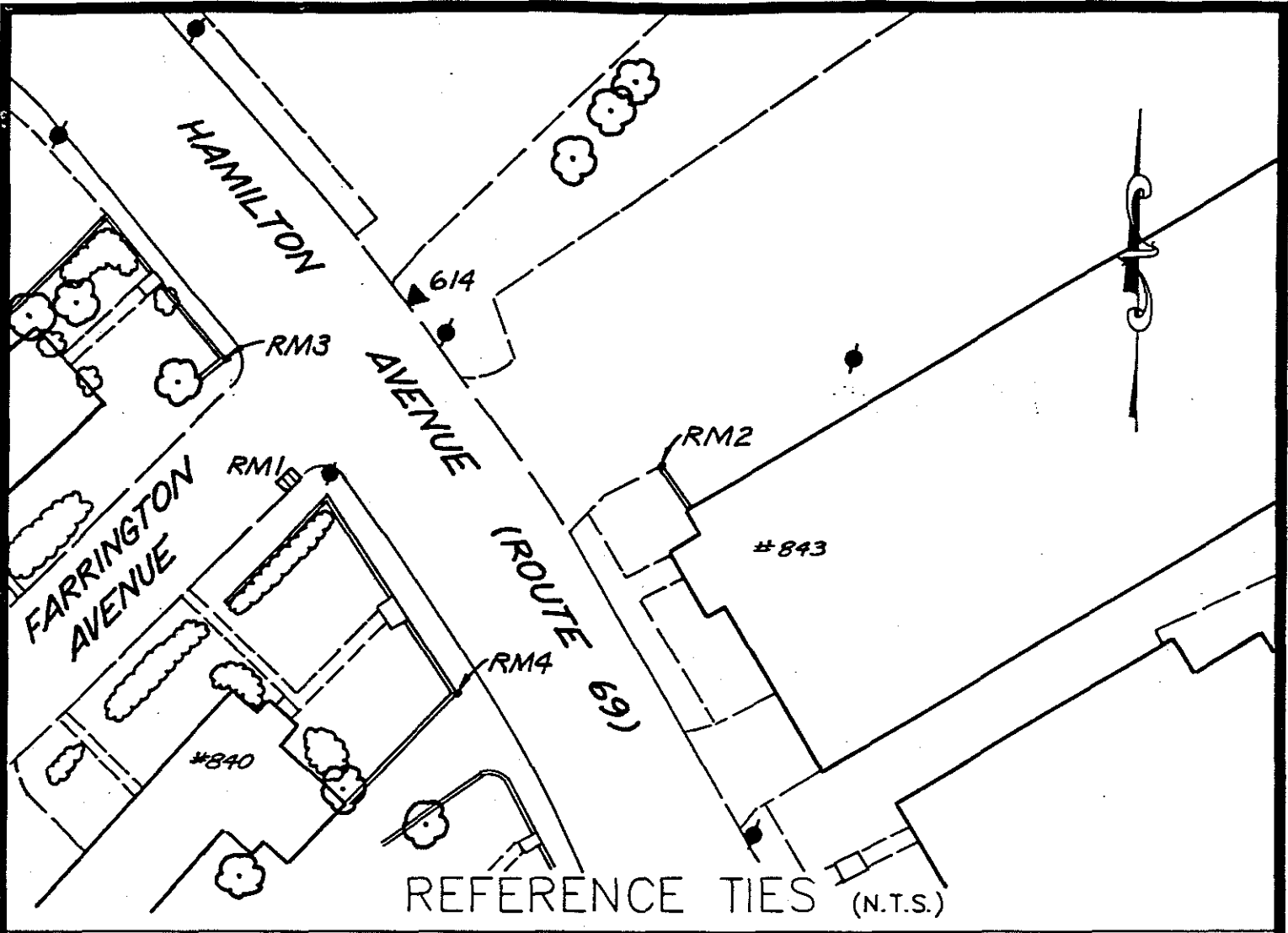
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

## VICINITY MAP (NTS)



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-613	422.929	0°-00'-00"	153°-45'-31.4"
CP-615	1034.780	165°-25'-59.2"	319°-11'-30.6"
RM1	53.38	59°-22'-48"	
RM2	73.12	330°-53'-14"	
RM3	49.16	103°-21'-29"	
RM4	94.14	20°-18'-17"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #614: SET BRASS DISK IN CONCRETE CURB, EAST SIDE OF RTE. #69, OPPOSITE CENTER-LINE OF FARRINGTON AVE.

RM1: SOUTHWEST OF STATION - A CHISEL CROSS MARK IN TOP OF FRAME OF STEEL CATCH BASIN ON SOUTH SIDE OF FARRINGTON AVE.

RM2: SOUTHEAST OF STATION - NORTHWEST CORNER OF BUILDING #843 BRICK WALL EXTENSION, 10TH BRICK FROM BOTTOM

RM3: SOUTHWEST OF STATION - A 3/8" DRILL HOLE IN SOUTHEAST CORNER OF STONE WALL, NORTH OF FARRINGTON AVE.

RM4: SOUTH OF STATION - A 3/8" DRILL HOLE IN SOUTHEAST CORNER OF STONE WALL, SOUTH OF FARRINGTON AVE.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 866-0244

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-615

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 758,214.796 FEET  
 E. 925,314.462 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-30.05639"  
 LONG. 73°-01'-22.14365"  
 THETA ANGLE - 0°-10'-512"

**TYPE OF MARKER**  
 BRASS DISK

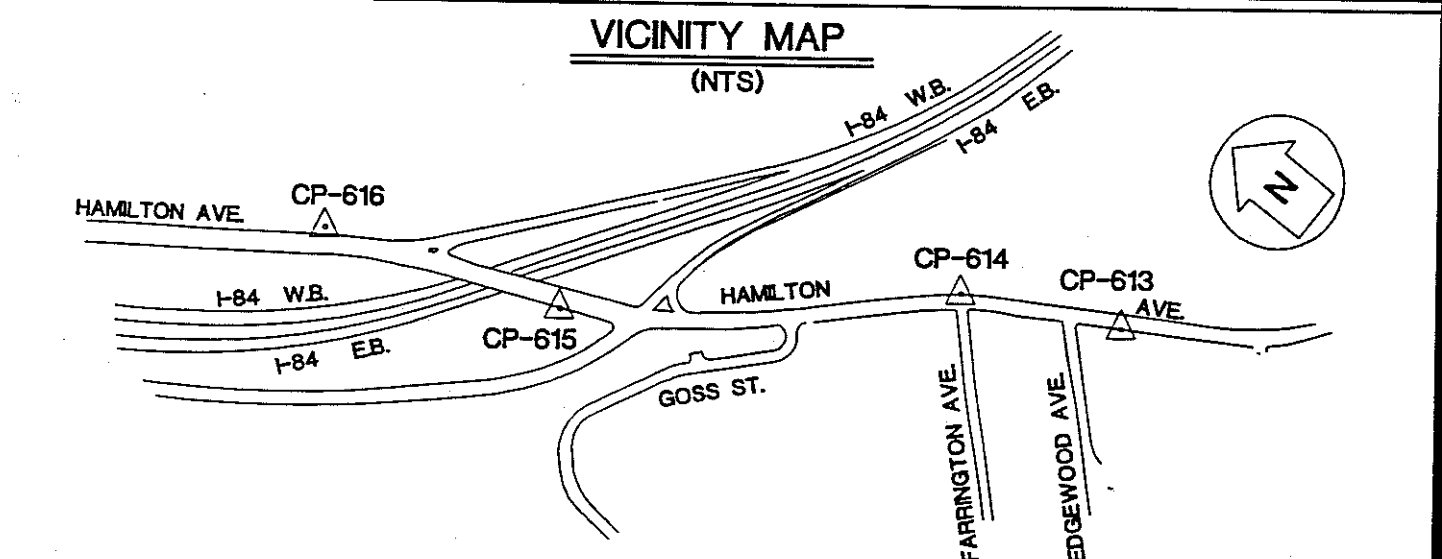
**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

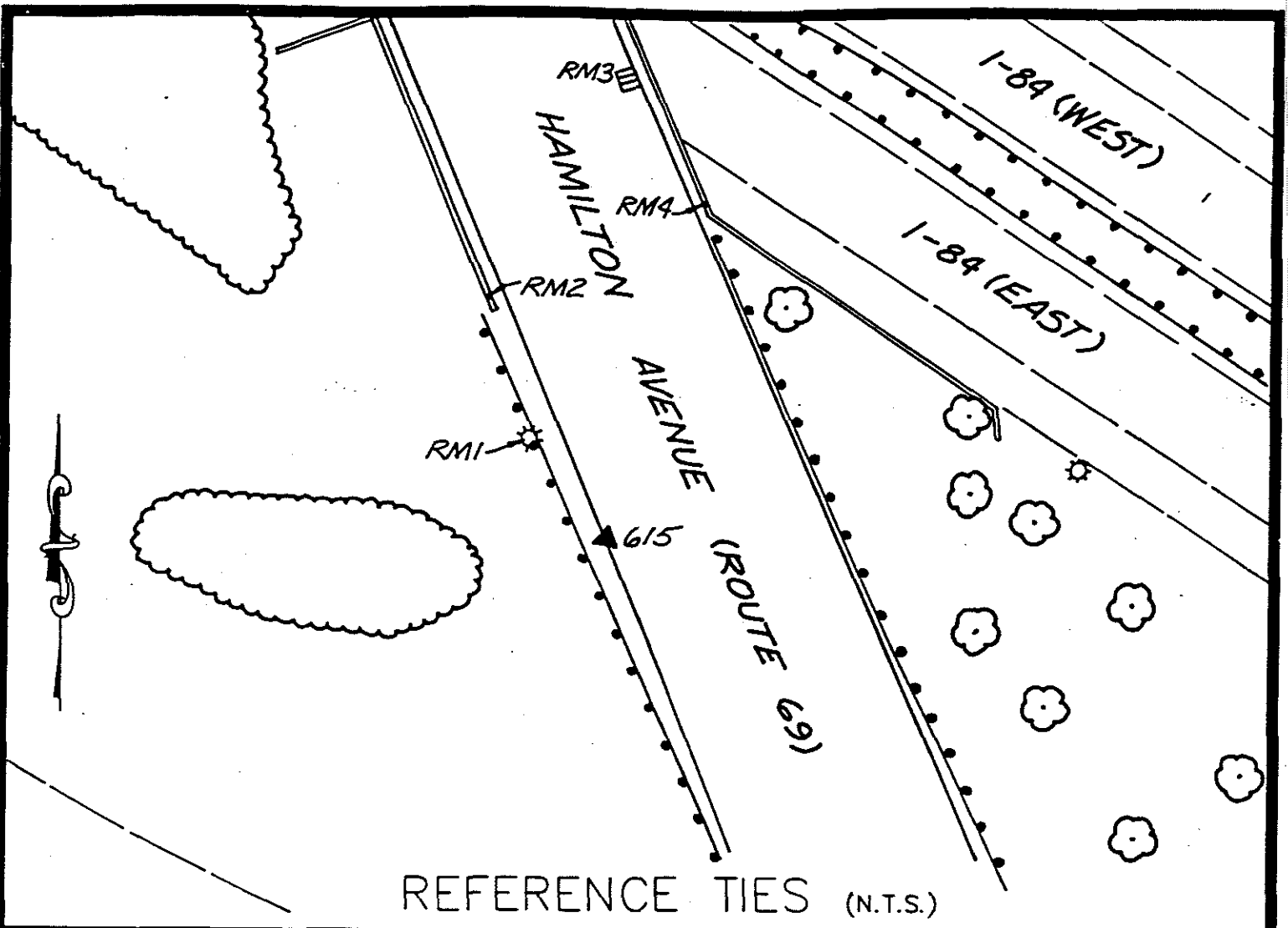
\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-614	1034.780	0°-00'-00"	139°-11'-30.6"
CP-616	635.587	201°-09'-37.3"	340°-21'-07.9"
VIVIAN DR. TANK	11575.030	322°-10'-02.8"	101°-21'-33.5"
RM1	14.74	177°-21'-56"	
RM2	48.81	196°-42'-30"	
RM3	51.02	269°-27'-45"	
RM4	76.69	330°-32'-12"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #615: SET BRASS DISK IN GRANITE CURB ON THE WEST SIDE OF HAMILTON AVE. 168'± NORTH OF THE CENTERLINE OF I-84 EAST BOUND EXIT RAMP TO HAMILTON AVE.

RM1: NORTHWEST OF STATION - A 3/8" DRILL HOLE ON THE SOUTHWEST CORNER OF BASE OF LIGHT STANDARD ON THE WEST SIDE OF HAMILTON AVE.

RM2: NORTHWEST OF STATION - A 3/8" DRILL HOLE ON THE TOP OF I-84 BRIDGE ABUTMENT, 4' NORTH OF END, ON THE WEST SIDE OF HAMILTON AVE.

RM3: NORTH OF STATION - A 3/8" DRILL HOLE ON THE SOUTHWEST CORNER OF A CATCH BASIN ON THE EAST SIDE OF THE HAMILTON AVE. I-84 OVERPASS

RM4: NORTHEAST OF STATION - A 3/8" DRILL HOLE ON TOP OF I-84 BRIDGE ABUTMENT, 4' NORTH OF END, ON THE EAST SIDE OF HAMILTON AVE.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 888-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-616

IN THE TOWN OF  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 758,813.377 FEET  
 E. 925,100.754 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-35.96358"  
 LONG. 73°-01'-24.97890"  
 THETA ANGLE - 0°-10'-53.1"

TYPE OF MARKER  
 CGS BRONZE DISK

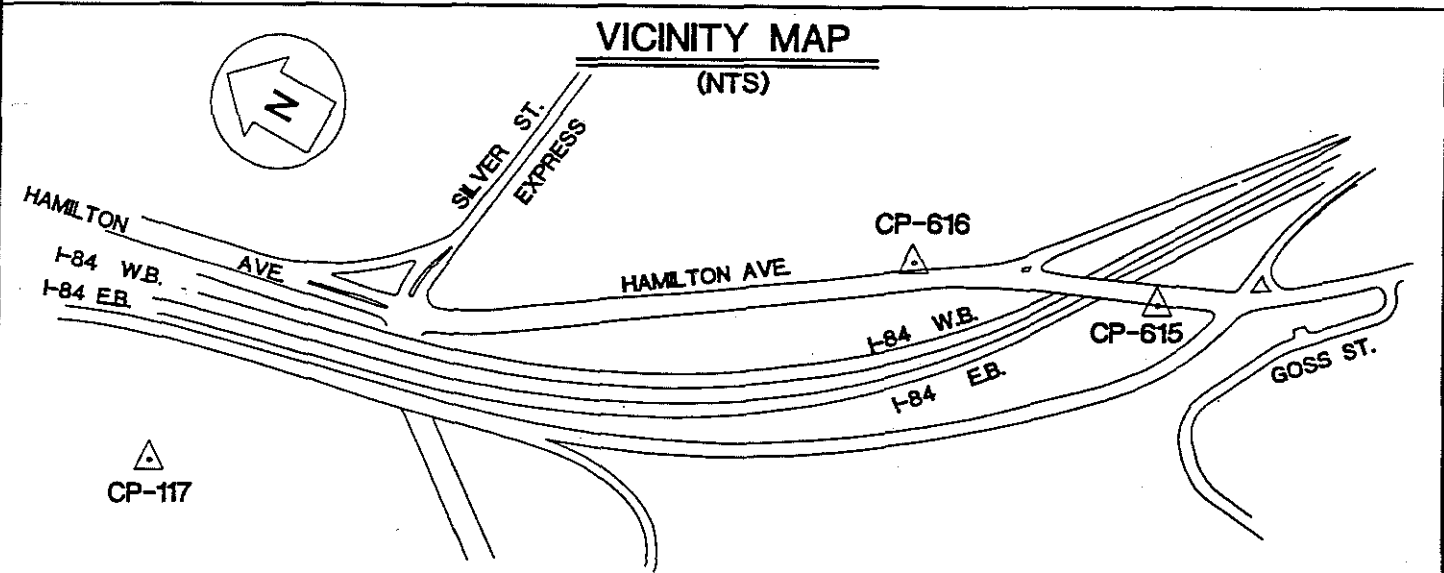
ALSO REFERRED TO AS STATION #  
 CTGS 3510

**ELEVATIONS**

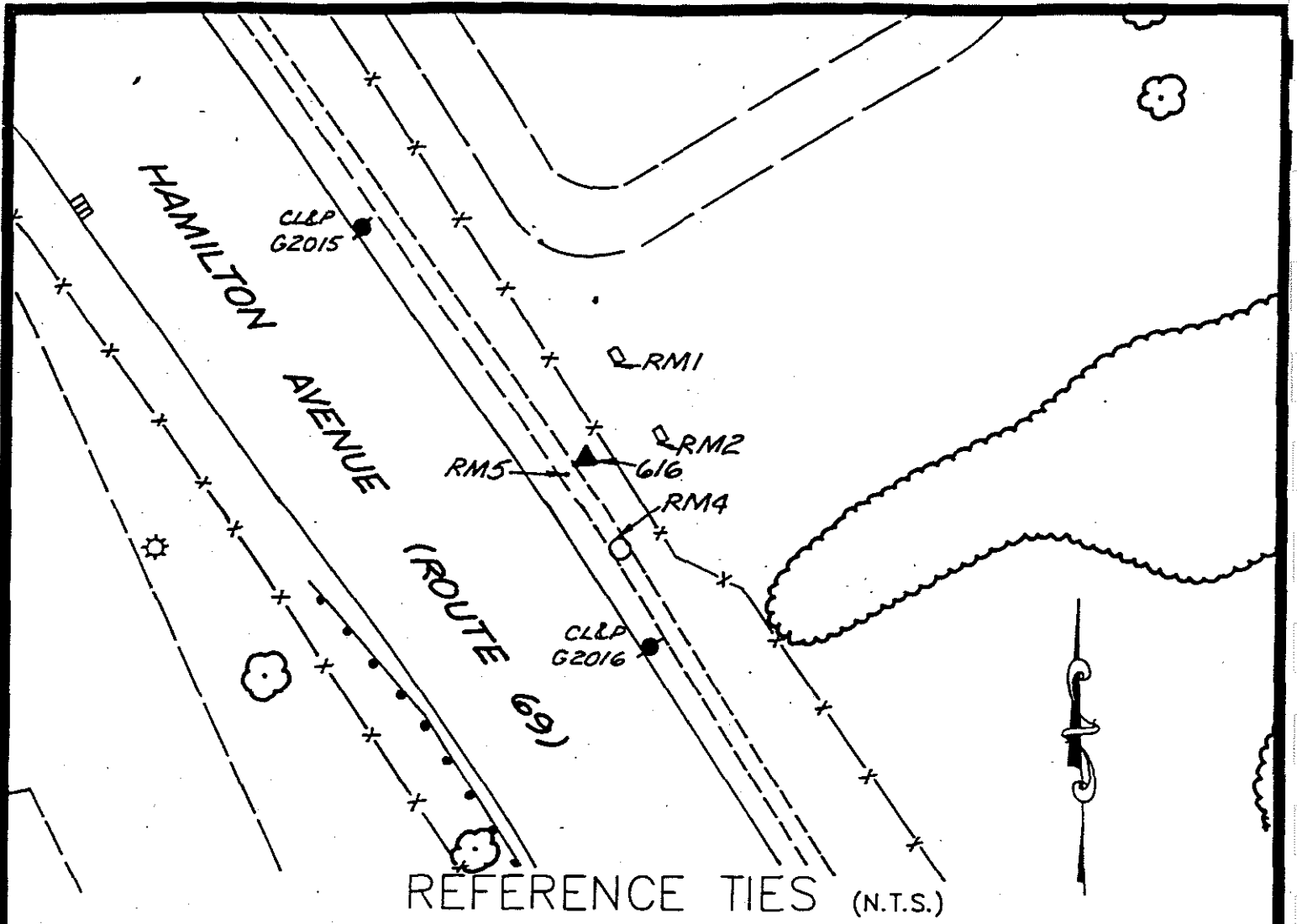
\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-615	635.587	0°-00'-00"	160°-21'-07.9"
CP-117	2025.798	155°-28'-55.4"	315°-50'-03.3"
RM1	33.43	213°-56'-05"	
RM2	23.16	251°-24'-48"	
RM4	18.03	01°-05'-29"	
RM5	7.15	76°-34'-24"	



REFERENCE TIES (N.T.S.)

COMMENTS

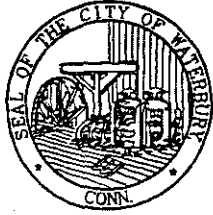
**STATION #616:** STATION MARK IS A U.S.C. AND G.S. STATE SURVEY BRONZE DISK STAMPED 3510, SET IN THE TOP OF A REINFORCED CONCRETE POST, THE TOP 0.5' BELOW THE GROUND. THE STATION IS ON THE EAST SIDE OF HAMILTON AVE. (RTE. #69) ABOUT 0.09 MILES NORTH OF ITS INTERSECTION WITH I-84. IT IS 51.5' NORTH OF CL&P POLE #G2016, 74' SOUTH OF CL&P POLE #G2015 AND 3.2' WEST OF IRON PICKET FENCE.

**RM1:** NORTHEAST OF STATION - SOUTHWEST CORNER OF MAIN PART OF GRANITE GRAVE STONE OF "JOHN H. WALL".

**RM2:** EAST OF STATION - TOP OF SOUTHWEST CORNER OF MAIN PART OF GRANITE GRAVE STONE OF "THOMAS & BESSIE DOOLAN".

**RM4:** SOUTH OF STATION - A DRILL HOLE AND FLARE MARK IN NORTH SIDE OF RIM OF SNET CO. MANHOLE

**RM5:** WEST OF STATION - A 1/4" DRILL HOLE IN THE EAST SIDE OF CONCRETE SIDEWALK ON EAST SIDE OF HAMILTON AVE.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITT'S LANE NEWINGTON, CT (203) 666-0734

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-700

**IN THE TOWN OF**  
 NAUGATUCK

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 747,952.240 FEET  
 E. 918,171.228 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-30'-48.43065"  
 LONG. 73°-02'-55.61258"  
 THETA ANGLE - 0°-11'-53.2"

**TYPE OF MARKER**  
 CDOT BRASS DISK

**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

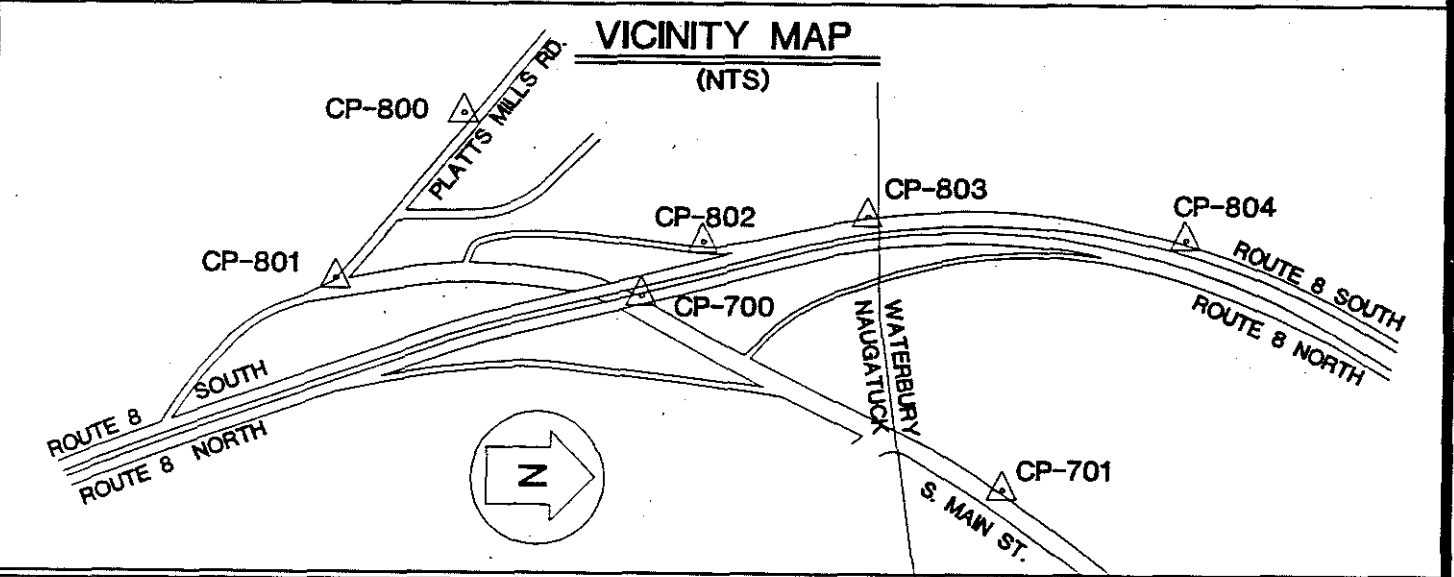
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 (NAVD 88)

DATE \_\_\_\_\_

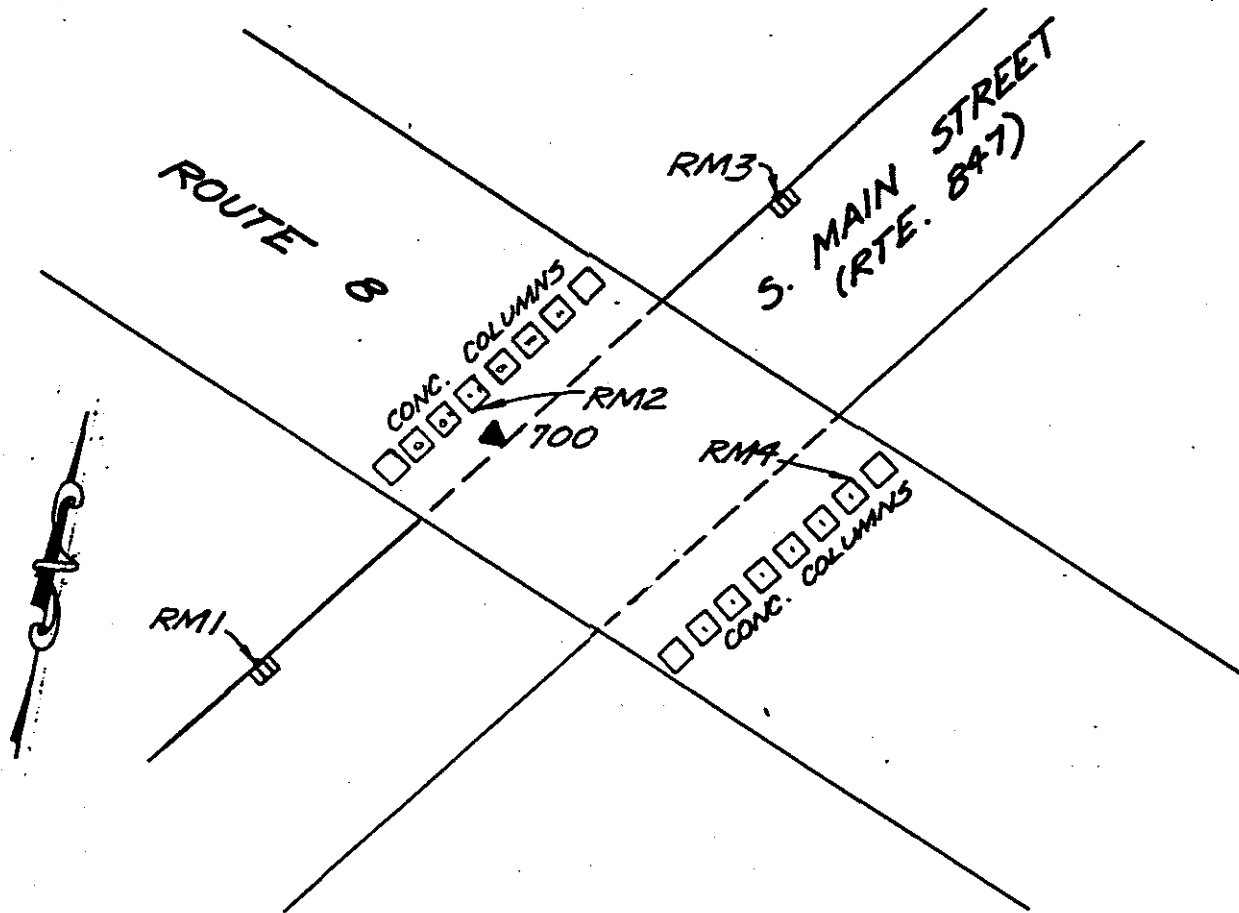
\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-801	778.787	0°-00'-00"	180°-53'-31.5"
CP-701	1054.957	204°-57'-01.4"	25°-50'-32.9"
RM1	61.51	15°-38'-02"	
RM2	19.54	189°-44'-23"	
RM3	95.93	200°-16'-59"	
RM4	81.95	305°-57'-13"	



REFERENCE TIES (N.T.S.)

COMMENTS

**STATION #700:** A CHD BRASS DISK BASELINE MONUMENT STAMPED C-40. DISK IS SET FLUSH WITH GROUND AND IS LOCATED 1.8' BEHIND BIT. CURB ON WEST SIDE OF SOUTH MAIN STREET

**RM1:** SOUTH OF STATION - A DRILL HOLE IN THE CENTER OF A CONCRETE CURB OF A CATCH BASIN ON THE WEST SIDE OF SOUTH MAIN STREET

**RM2:** WEST OF STATION - THE NORTH CORNER OF THE SOUTHEAST CORNER OF THE 4TH CONCRETE COLUMN FROM THE SOUTH SIDE OF THE ROUTE 8 OVERPASS. MEASUREMENT TAKEN 2' ABOVE GROUND

**RM3:** NORTH OF STATION - A DRILL HOLE IN THE CENTER OF THE CONCRETE CURB OF A CATCH BASIN ON THE WEST SIDE OF SOUTH MAIN STREET

**RM4:** EAST OF STATION - THE SOUTH CORNER OF THE NORTHWEST CORNER OF THE 2ND CONCRETE COLUMN FROM THE NORTH SIDE OF THE ROUTE 8 OVERPASS. MEASUREMENT TAKEN 2' ABOVE GROUND





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 NOTTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-701

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 748,901.697 FEET

E. 918,631.082 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-30'-57.82680"

LONG. 73°-02'-49.61092"

THETA ANGLE - 0°-11'-49.2"

**TYPE OF MARKER**  
CITY ROD MON.

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

**ELEVATIONS**

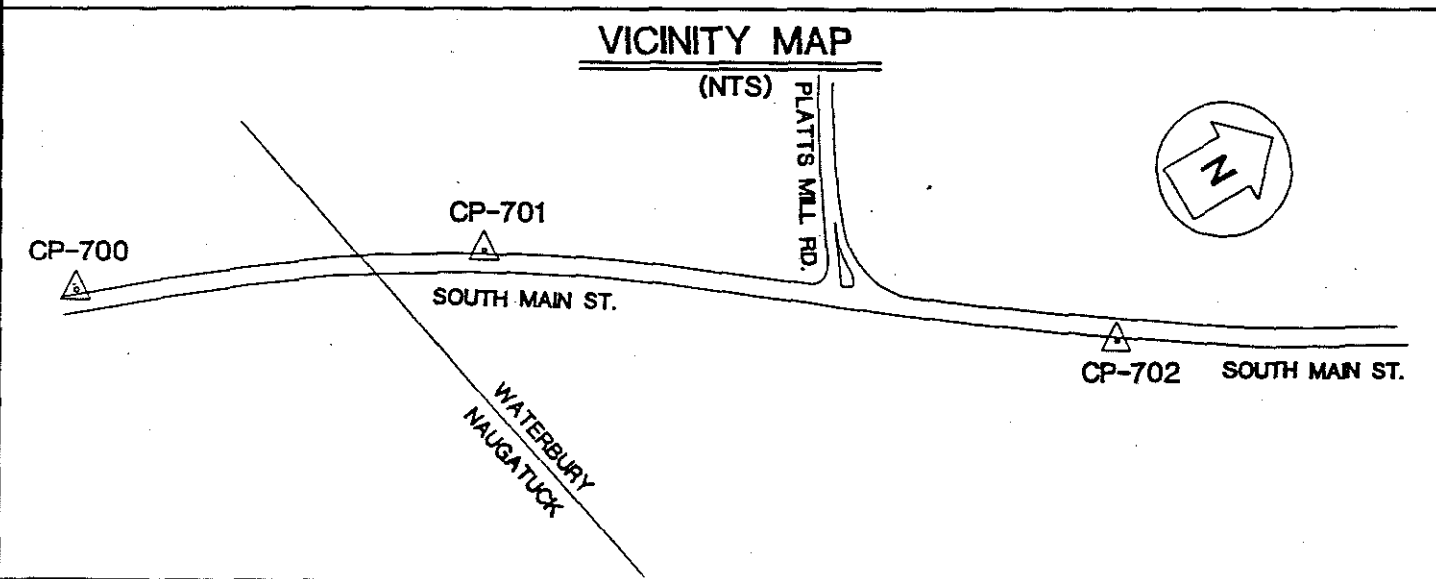
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(NAVD 88)

DATE \_\_\_\_\_

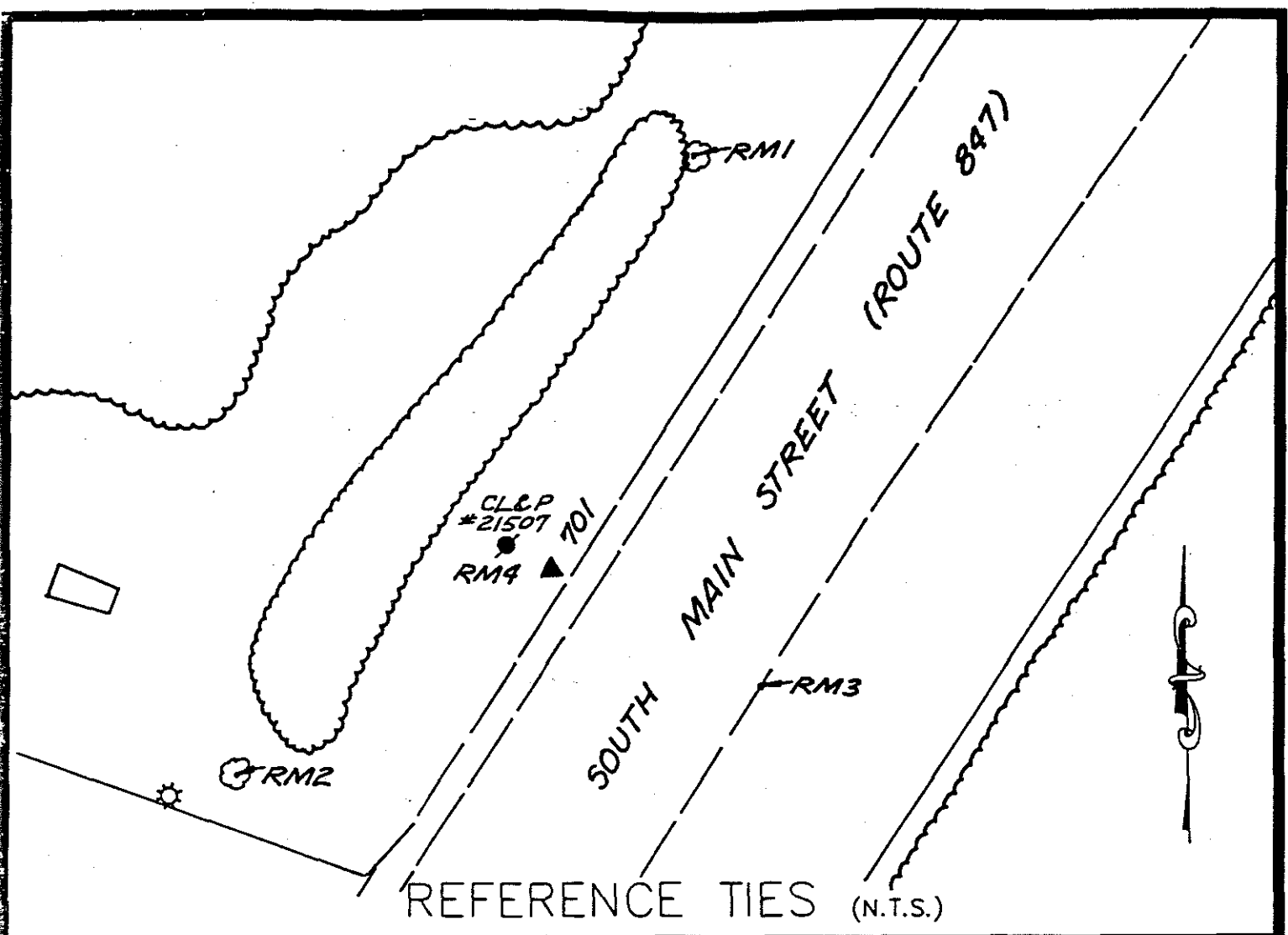
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-700	1054.957	0°-00'-00"	205°-50'-32.9"
CP-702	1642.341	193°-42'-59.7"	39°-33'-32.6"
RM1	106.65	155°-46'-58"	
RM2	92.15	55°-00'-58"	
RM3	62.86	276°-02'-33"	
RM4	12.74	102°-08'-00"	



COMMENTS

STATION #701: SET ROD MONUMENT ON THE NORTHWESTERLY SIDE OF SOUTH MAIN STREET, 900'± SOUTH OF PLATTS MILL ROAD AND 150'± NORTH OF NORTH RANGE OF BUILDING #2714 SOUTH MAIN ST., IT IS 3' WEST OF BIT. CURB

RM1: NORTHEAST OF STATION - A PK NAIL 6' UP IN AN 18" POPLAR TREE, 58' WEST OF CURB ON NORTHWEST SIDE OF SOUTH MAIN ST.

RM2: SOUTHWEST OF STATION - A PK NAIL 4' UP IN 18" POPLAR, 75'± WEST OF CURB ON NORTHWEST SIDE OF SOUTH MAIN ST.

RM3: SOUTHEAST OF STATION - A PK NAIL IN TOP OF BIT. CURB. ON SOUTHEAST SIDE OF SOUTH MAIN ST., OPPOSITE CL&P POLE #21507

RM4: NORTHWEST OF STATION - A PK NAIL 2' UP IN CL&P POLE # 21507 ON THE NORTHWEST SIDE OF SOUTH MAIN ST.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 966-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-702

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 750,167.890 FEET

E. 919,677.045 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-31'-10.37190"

LONG. 73°-02'-35.91811"

THETA ANGLE - 0°-11'-40.1"

**TYPE OF MARKER**  
CITY ROD MON.

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

**ELEVATIONS**

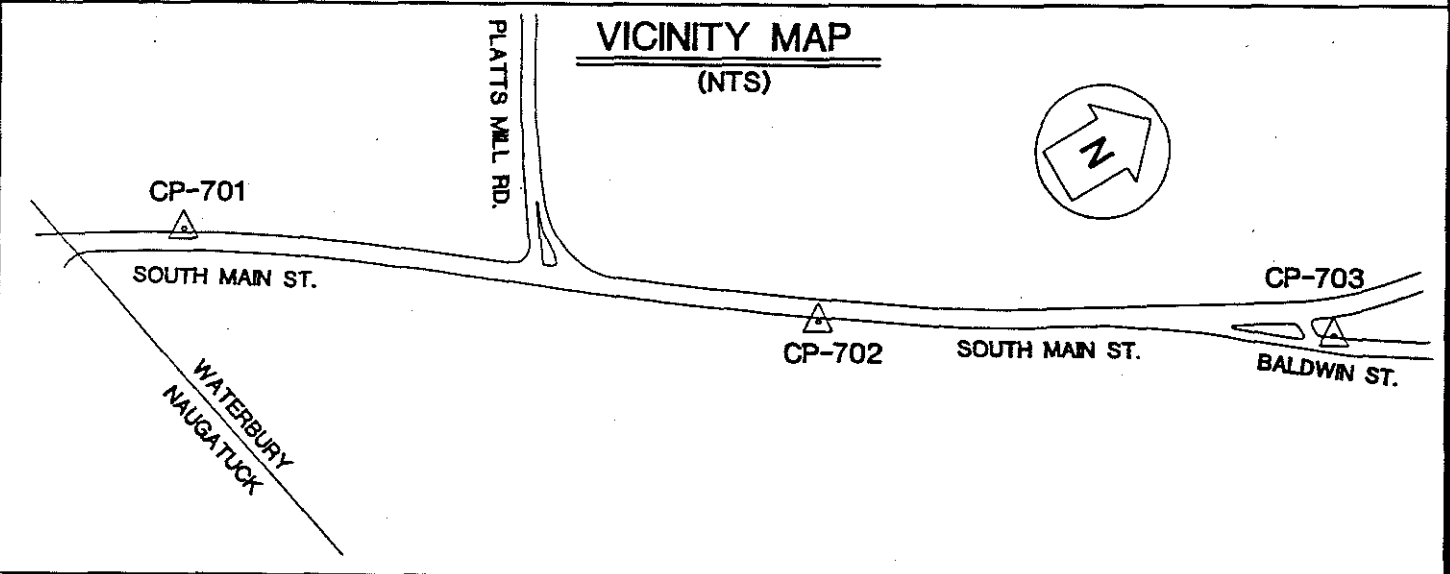
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

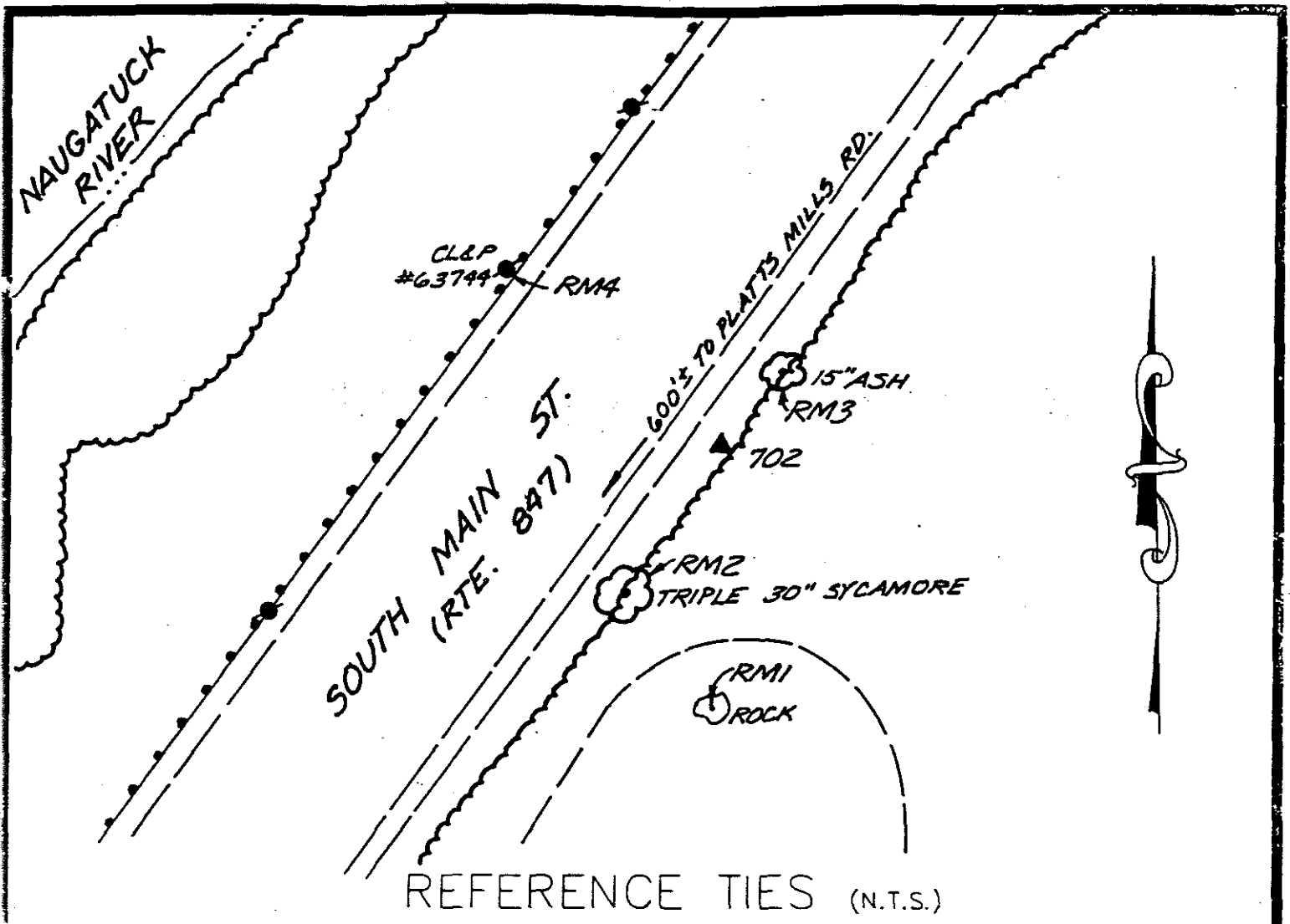
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-701	1642.341	0°-00'-00"	219°-33'-32.6"
CP-703	1322.234	173°-28'-24.6"	33°-01'-57.2"
MURRY PARK TANK	5913.879	74°-14'-08.5"	293°-47'-41.1"
RM1	64.72	314°-29'-39"	
RM2	45.64	348°-46'-52"	
RM3	24.41	211°-39'-33"	
RM4	67.99	64°-47'-52"	



COMMENTS

STATION #702: SET ROD MONUMENT, 3' EAST OF BIT. CURB AND 60' SOUTH OF CATCH BASIN EAST SIDE OF SOUTH MAIN ST.

RM1: SOUTH OF STATION - A 3/8" DRILL HOLE IN LARGE ROCK, 47' EAST OF CURB

RM2: SOUTHWEST OF STATION - A PK NAIL 1' UP FROM GROUND IN A TRIPLE 30" SYCAMORE TREE

RM3: NORTHEAST OF STATION - A PK NAIL 1' UP FROM GROUND IN A 15" ASH TREE

RM4: NORTHWEST OF STATION - A PK NAIL 3' UP IN CL&P POLE #63744



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KITTS LANE NEWINGTON, CT (203) 966-0734

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-703

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 751276.399 FEET

E. 920,397.815 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-31'-21.34786"

LONG. 73°-02'-28.49203"

THETA ANGLE - 0°-11'-33.9"

**TYPE OF MARKER**  
CGS BRASS DISK

**ALSO REFERRED TO AS STATION #**  
CTGS 2826

**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

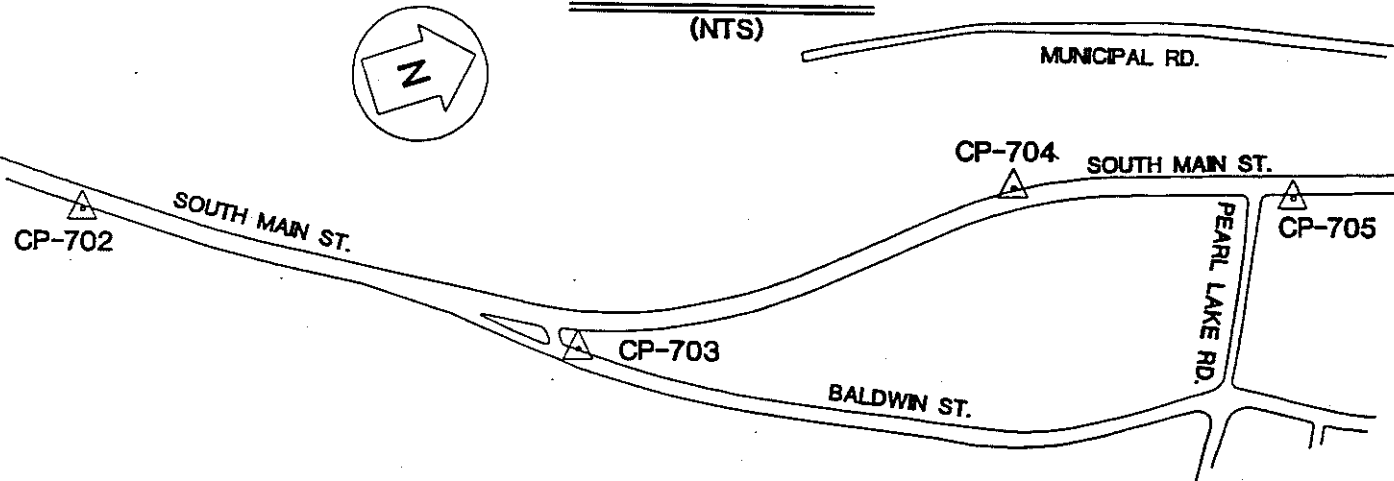
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

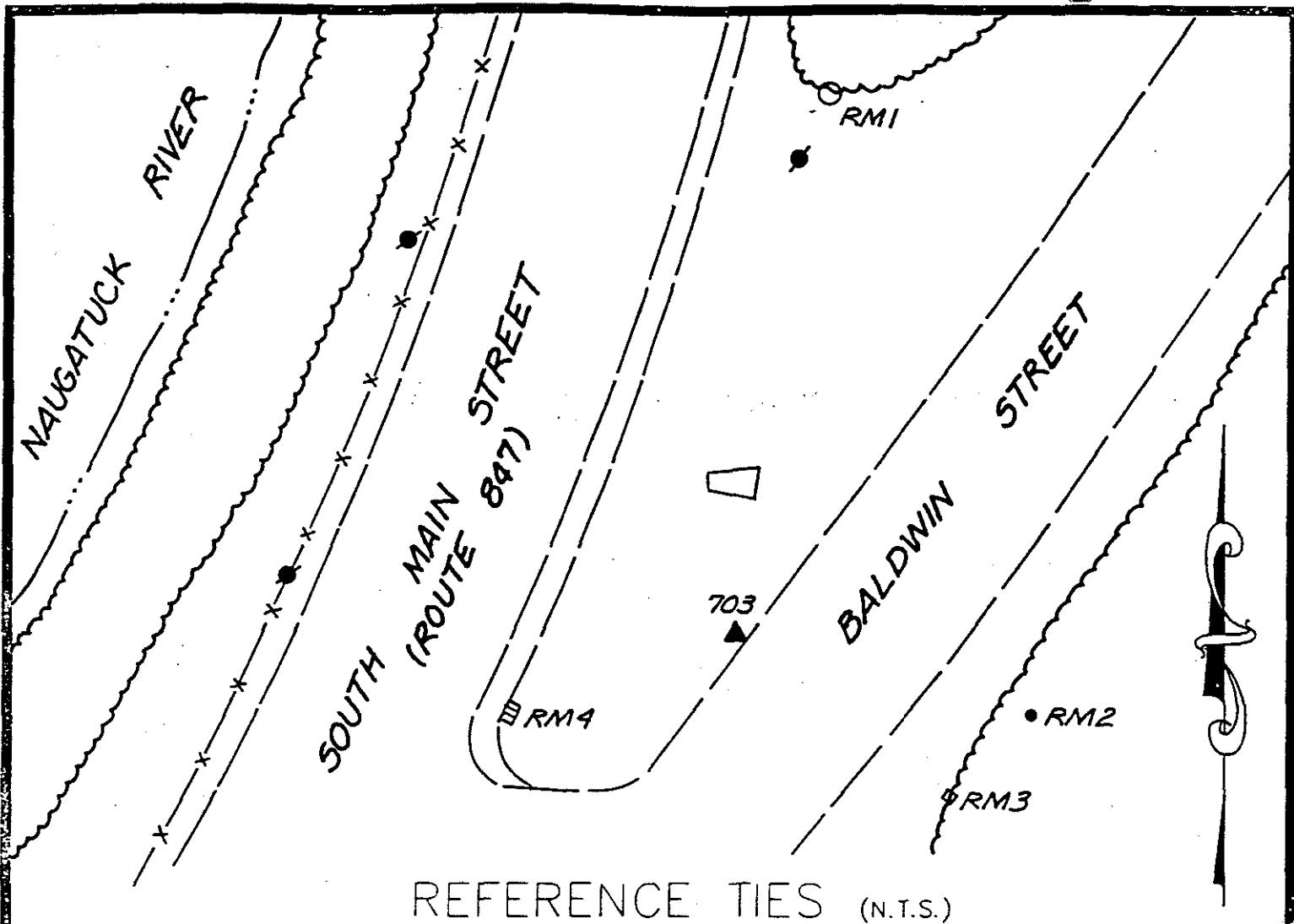
DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE

## VICINITY MAP (NTS)



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-702	1322.234	0°-00'-00"	213°-01'-57.2"
CP-704	1188.284	143°-53'-12.7"	356°-55'-09.9"
MURRY PARK TANK	6283.613	68°-44'-09.4"	281°-46'-06.6"
RM1	132.69	164°-49'-48"	
RM2	73.24	249°-07'-03"	
RM3	64.37	280°-18'-12"	
RM4	57.83	38°-18'-08"	



REFERENCE TIES (N.T.S.)

COMMENTS

**STATION #703:** STATION MARK IS U.S.C. AND G.S. STATE SURVEY BRONZE DISK STAMPED 2826, SET IN THE TOP OF A REINFORCED CONCRETE POST, THE TOP FLUSH WITH THE GROUND. THE STATION IS ON THE EAST SIDE OF SOUTH MAIN ST., 1.7 MILES NORTH OF ITS INTERSECTION WITH CONN. RTE. #68, IN UNION CITY. IT IS IN THE SOUTH SECTION OF THE HIGHWAY ISLAND FORMED BY THE INTERSECTION OF CONN. RTE. #847 AND BALDWIN ST.

**RM1:** NORTHEAST OF STATION - THE CENTER OF THE MANHOLE COVER OF THE WATERBURY SEWER DEPARTMENT, ON THE WEST SIDE OF BALDWIN ST.

**RM2:** SOUTHEAST OF STATION - THE 3/8" DRILL HOLE IN AN OUTCROPPING BOULDER, NORTH OF SNET CO. POLE #22, ON THE EAST SIDE OF BALDWIN ST.

**RM3:** SOUTHEAST OF STATION - A CHD MONUMENT, SOUTH OF SNET CO. POLE #63 AND ON THE EAST SIDE OF BALDWIN ST.

**RM4:** SOUTHWEST OF STATION - A DRILL HOLE IN THE CENTER OF CONCRETE CURB OF A CATCH BASIN ON THE EAST SIDE OF SOUTH MAIN ST.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 686-0734

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-704

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 752,462.986 FEET  
 E. 920,333.958 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-31'-33.06882"  
 LONG. 73°-02'-27.38408"  
 THETA ANGLE - 0°-11'-34.5"

**TYPE OF MARKER**  
 CDOT BRASS DISK

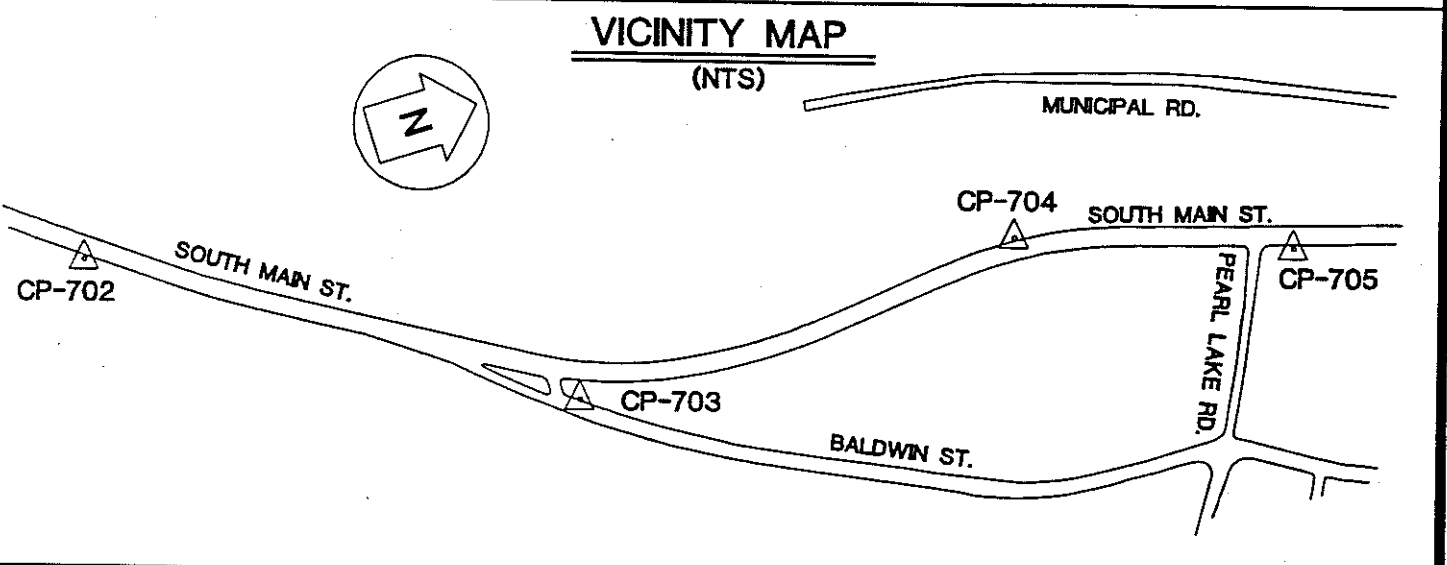
**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

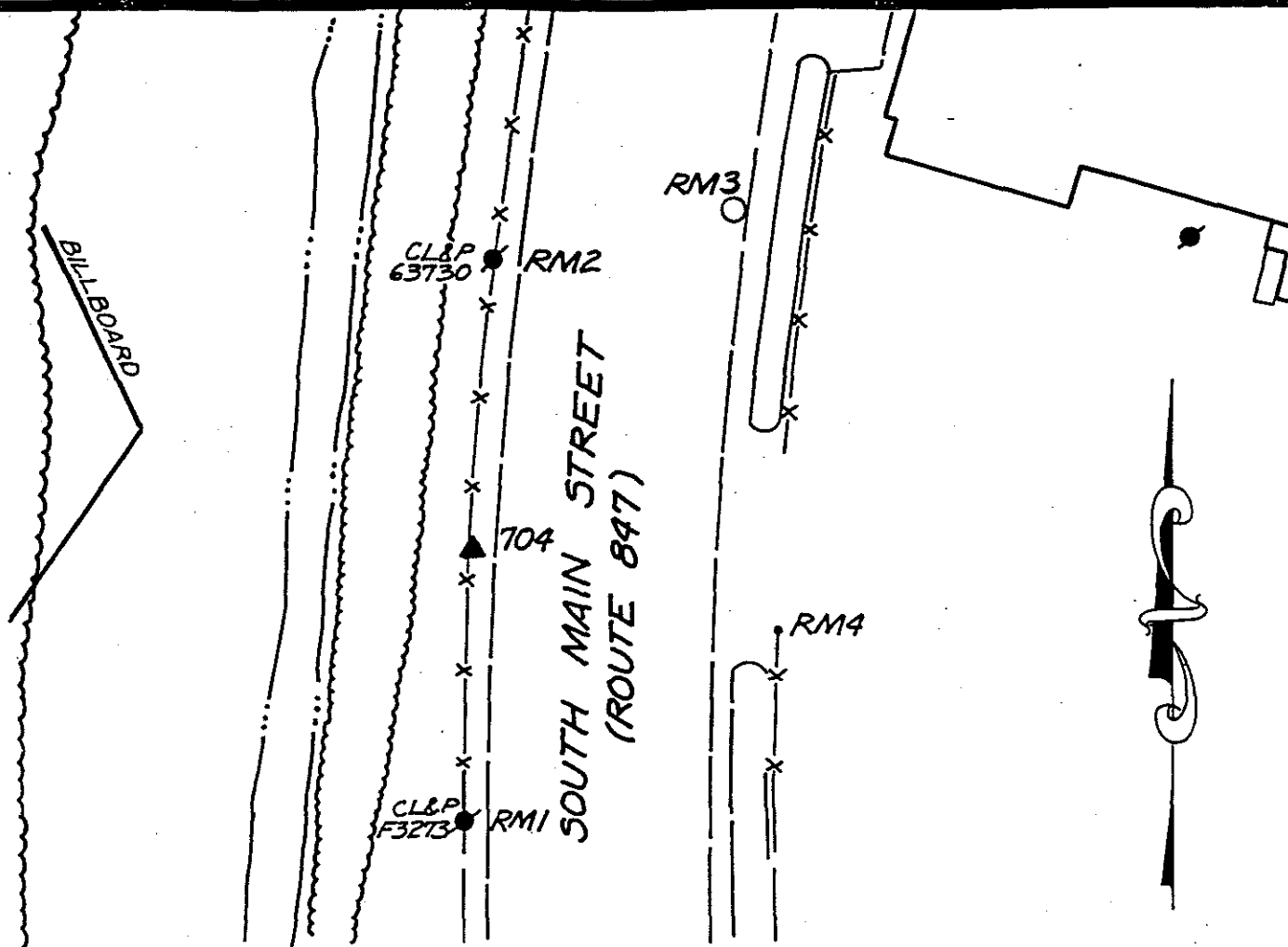
\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-703	1188.284	0°-00'-00"	176°-55'-09.8"
CP-705	717.156	202°-44'-48.6"	19°-39'-58.5"
RM1	63.61	03°-52'-15"	
RM2	65.36	187°-28'-55"	
RM3	95.45	225°-20'-14"	
RM4	72.56	293°-50'-05"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #704: A CONN. D.O.T. BRASS DISK BASE LINE MONUMENT, 2.5' FROM EDGE OF ROAD, SET 2" BELOW SURFACE OF THE GROUND, ON THE WEST SIDE OF SOUTH MAIN ST.

RM1: SOUTH OF STATION - A PK NAIL SET 2' ABOVE GROUND ON NORTHERLY SIDE OF CL&P POLE #F3273

RM2: NORTH OF STATION - A PK NAIL SET 2' ABOVE GROUND ON SOUTHERLY SIDE OF CL&P POLE #63730

RM3: NORTHEAST OF STATION - CENTER OF CITY OF WATERBURY SANITARY MH; CENTER OF MH IS 3' FROM BIT. CURB ON THE EAST SIDE OF SOUTH MAIN ST.

RM4: SOUTHEAST OF STATION - THE SOUTHERLY GATE POST FOR A 6' CHAIN LINK FENCE, POST IS 4" IN DIAMETER, MEASUREMENT TAKEN 2' ABOVE BIT. SURFACE AND MARKED BY A "+"





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
E. \_\_\_\_\_ FEET  
DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
LONG. \_\_\_\_\_  
DATE \_\_\_\_\_

**STATION #**

CP-705

IN THE TOWN OF  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 753,138.289 FEET  
E. 920,575.308 FEET  
DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-31'-39.7489T  
LONG. 73°-02'-24.2408T  
THETA ANGLE - 0°-11'-32.4"

TYPE OF MARKER  
CITY ROD MON.

ALSO REFERRED TO AS STATION # \_\_\_\_\_

**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

**CONDITION OF STATION**

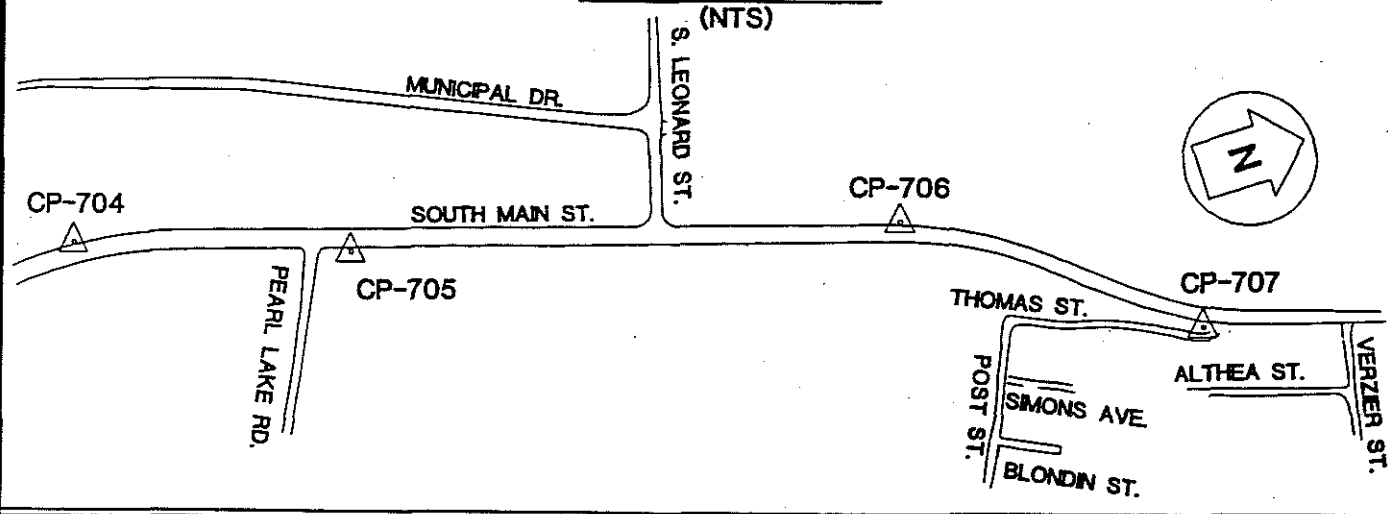
**BY**

**DATE**

CONDITION OF STATION	BY	DATE

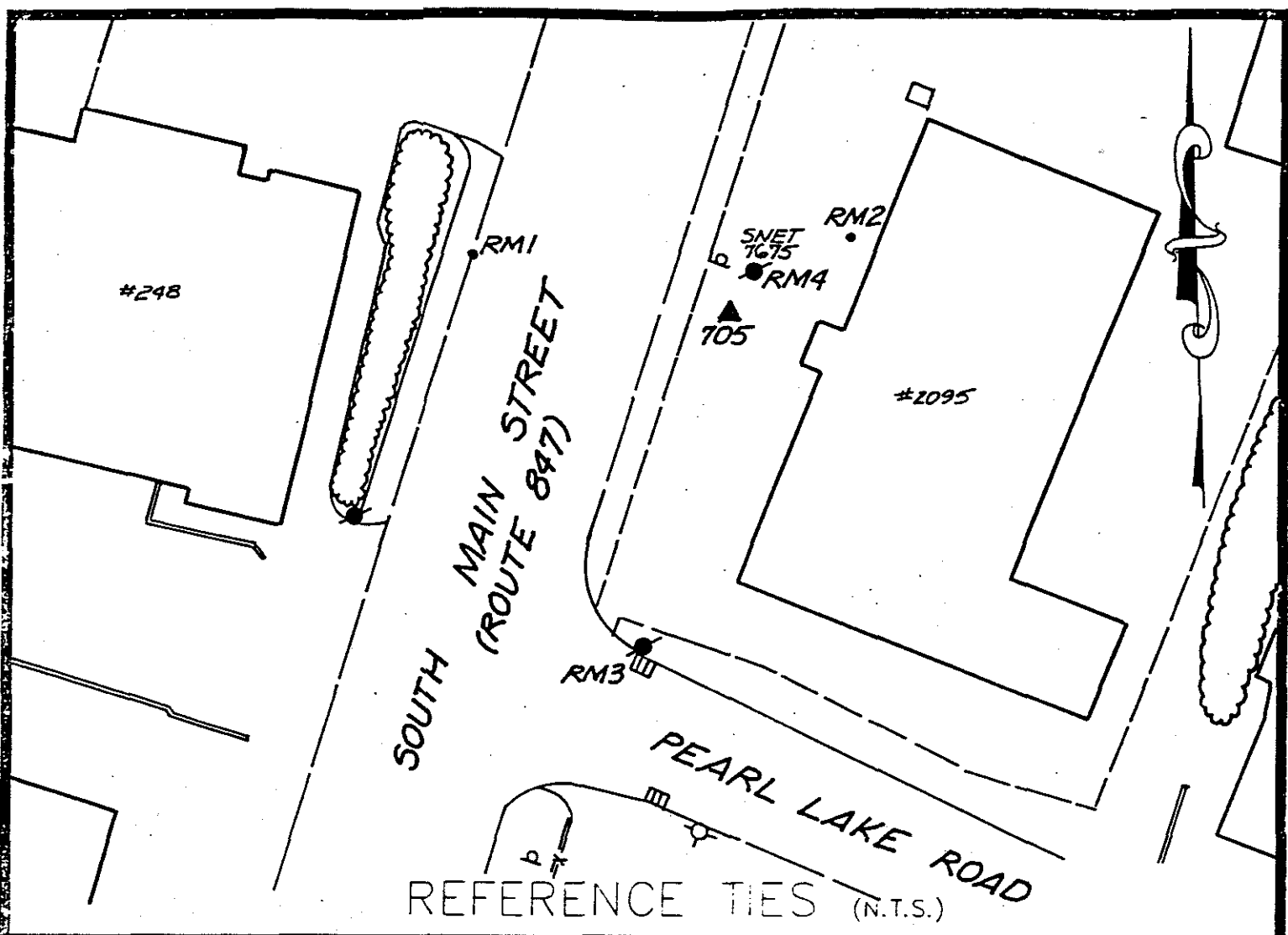
**VICINITY MAP**

(NTS)



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-704	717.158	0°-00'-00"	199°-39'-58.5"
CP-706	1413.437	174°-48'-02.5"	14°-28'-01.0"
RM1	84.32	80°-08'-59"	
RM2	35.68	204°-29'-19"	
RM3	87.89	348°-28'-28"	
RM4	13.26	211°-44'-54"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #705: SET ROD MONUMENT IN BIT. ISLAND, 2' EAST OF BIT. CURB AND 59.5'± NORTH OF SOUTH RANGE OF BUILDING #2095 ON EAST SIDE OF SOUTH MAIN ST.

RM1: NORTHWEST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB WEST SIDE OF SOUTH MAIN ST., 75' SOUTH OF NORTH RANGE OF BUILDING #2095

RM2: NORTHEAST OF STATION - SET BRASS DISK IN BIT. PARKING LOT, 28' SOUTH OF NORTH RANGE OF BUILDING #2095

RM3: SOUTHWEST OF STATION - A CHISEL CROSS ON TOP OF STEEL CATCH BASIN, NORTH SIDE OF PEARL LAKE RD.

RM4: NORTHEAST OF STATION - A PK NAIL 2'± UP IN SNET CO. POLE #7675 IN BIT. ISLAND



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 886-0234

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-706

IN THE TOWN OF  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 754,506.909 FEET

E. 920,928.415 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-31'-53.28232"

LONG. 73°-02'-19.65848"

THETA ANGLE - 0°-11'-29.4"

TYPE OF MARKER  
CITY ROD MON.

ALSO REFERRED TO AS STATION #

**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

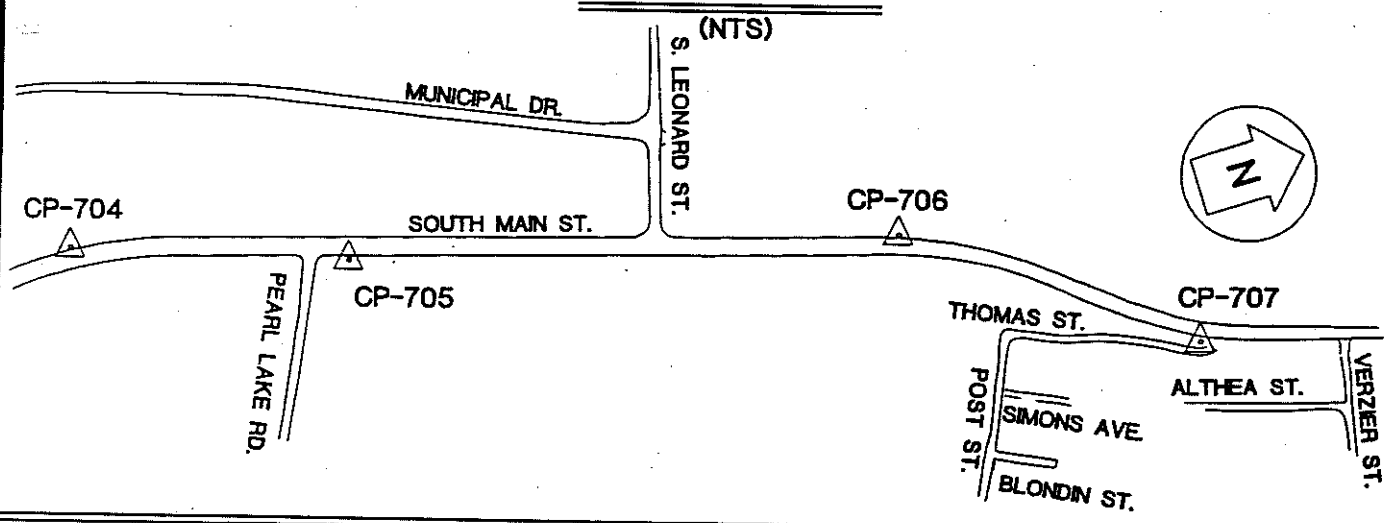
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE

### VICINITY MAP



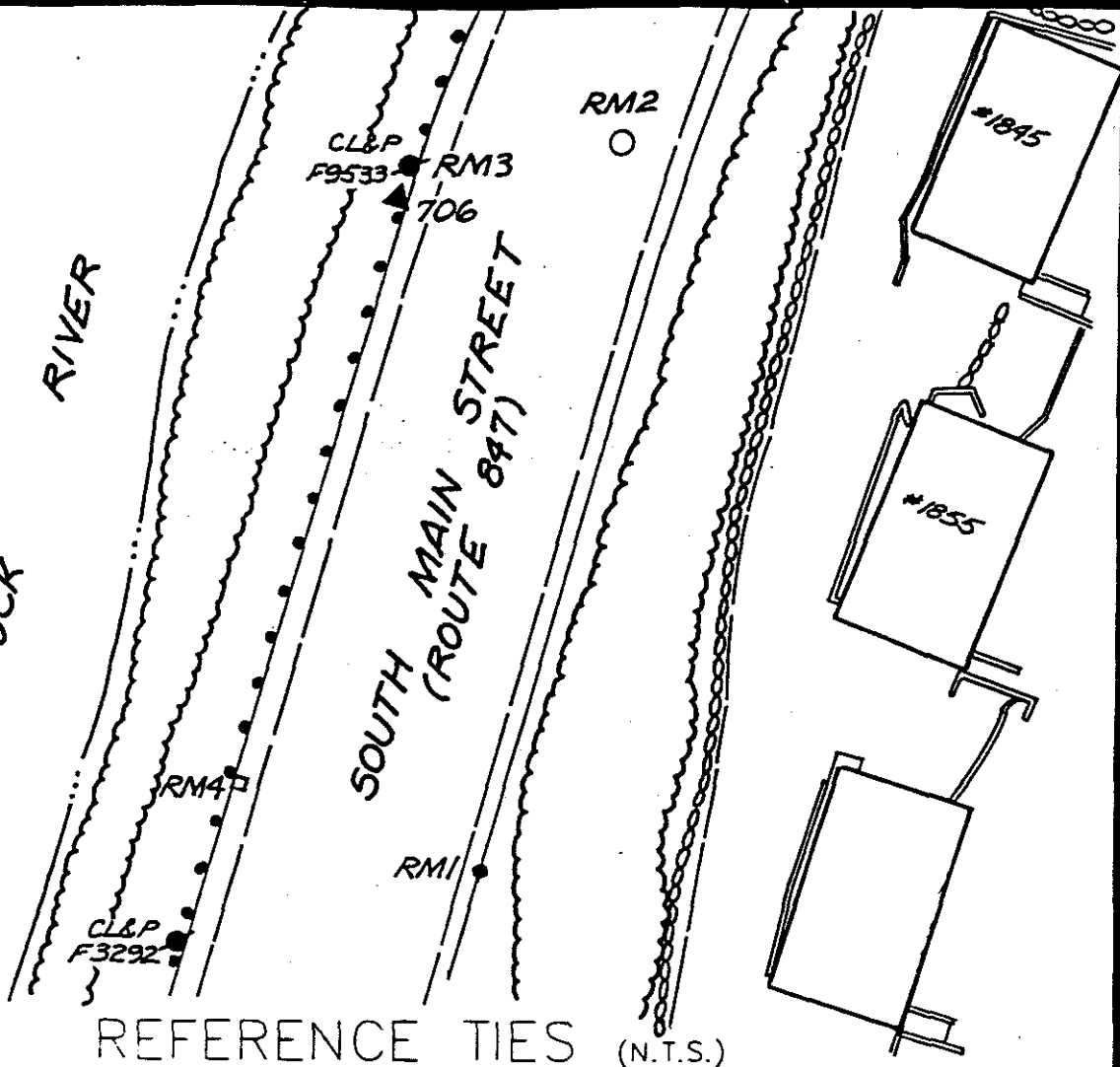
OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-705	1413.437	0°-00'-00"	194°-28'-01.0"
CP-707	824.345	202°-17'-23.6"	36°-45'-24.6"
RM1	140.04	340°-05'-16"	
RM2	46.64	246°-03'-53"	
RM3	8.43	180°-50'-44"	
RM4	123.09	03°-34'-17"	

SEE REVERSE SIDE FOR REFERENCE TIES



NAUGATUCK  
RIVER

SOUTH MAIN STREET  
(ROUTE 897)



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #706: SET ROD MONUMENT, 3' WEST OF EDGE OF ROAD AND OPPOSITE NORTH RANGE OF HOUSE #1855 SOUTH MAIN STREET

RM1: SOUTHEAST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE HYDRANT, EAST SIDE OF SOUTH MAIN ST.

RM2: NORTHEAST OF STATION - A CHISEL CROSS MARK ON THE WEST SIDE MH RIM

RM3: NORTH OF STATION - A PK NAIL 2'± UP IN CL&P POLE #F9533

RM4: SOUTHWEST OF STATION - CHD BOUNDARY LINE MONUMENT ON WEST SIDE OF SOUTH MAIN ST., 3' FROM EDGE OF ROAD AND 35' NORTH OF CL&P POLE # F3292



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
THE BONGIOVANNI  
GROUP, INC.  
LAND SURVEYORS  
75 KITTE LANE NEWINGTON, CT (203) 966-0104

**STATE PLANE COORDS**  
(NAD '83 PRELIMINARY)

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION**  
(NAD '83 PRELIMINARY)

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-707

IN THE TOWN OF  
WATERBURY

**STATE PLANE COORDS**  
(NAD '83 FINAL)

N. 755,167.360 FEET

E. 921,421.720 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION**  
(NAD '83 FINAL)

LAT. 41°-31'-59.82369"

LONG. 73°-02'-13.20124"

THETA ANGLE - 0°-11'-25.1"

TYPE OF MARKER  
CGS BRONZE DISK

ALSO REFERRED TO AS STATION #  
CTGS 2857

CONDITION OF STATION	BY	DATE

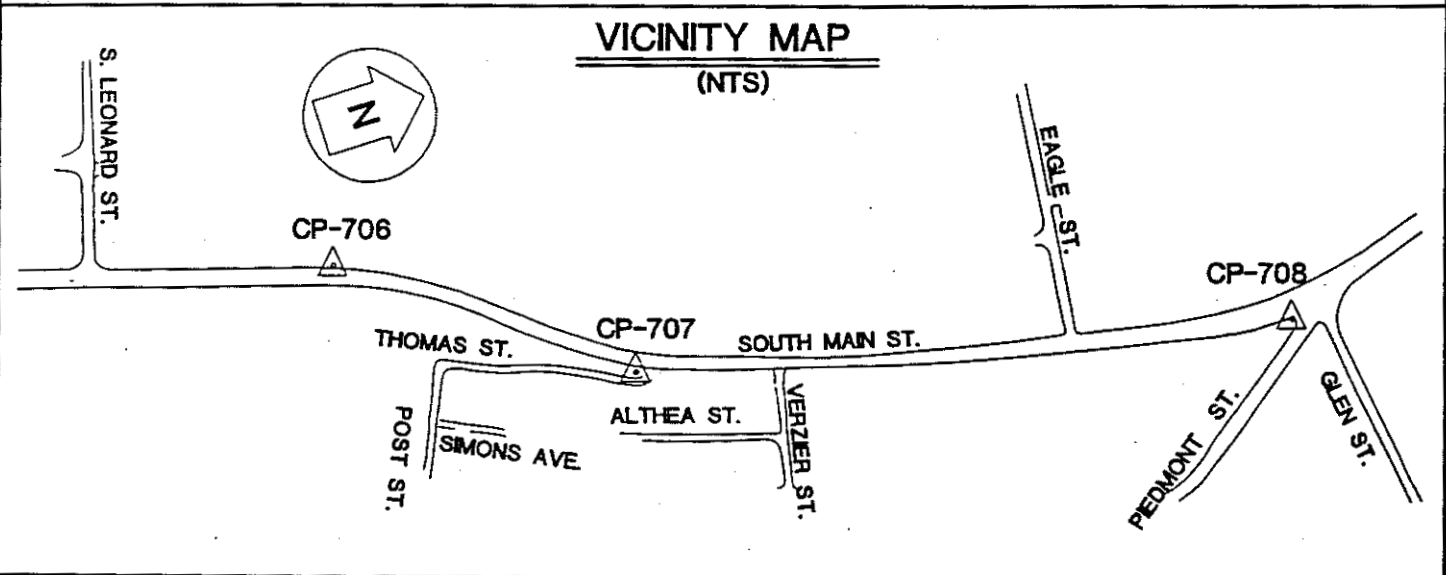
**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

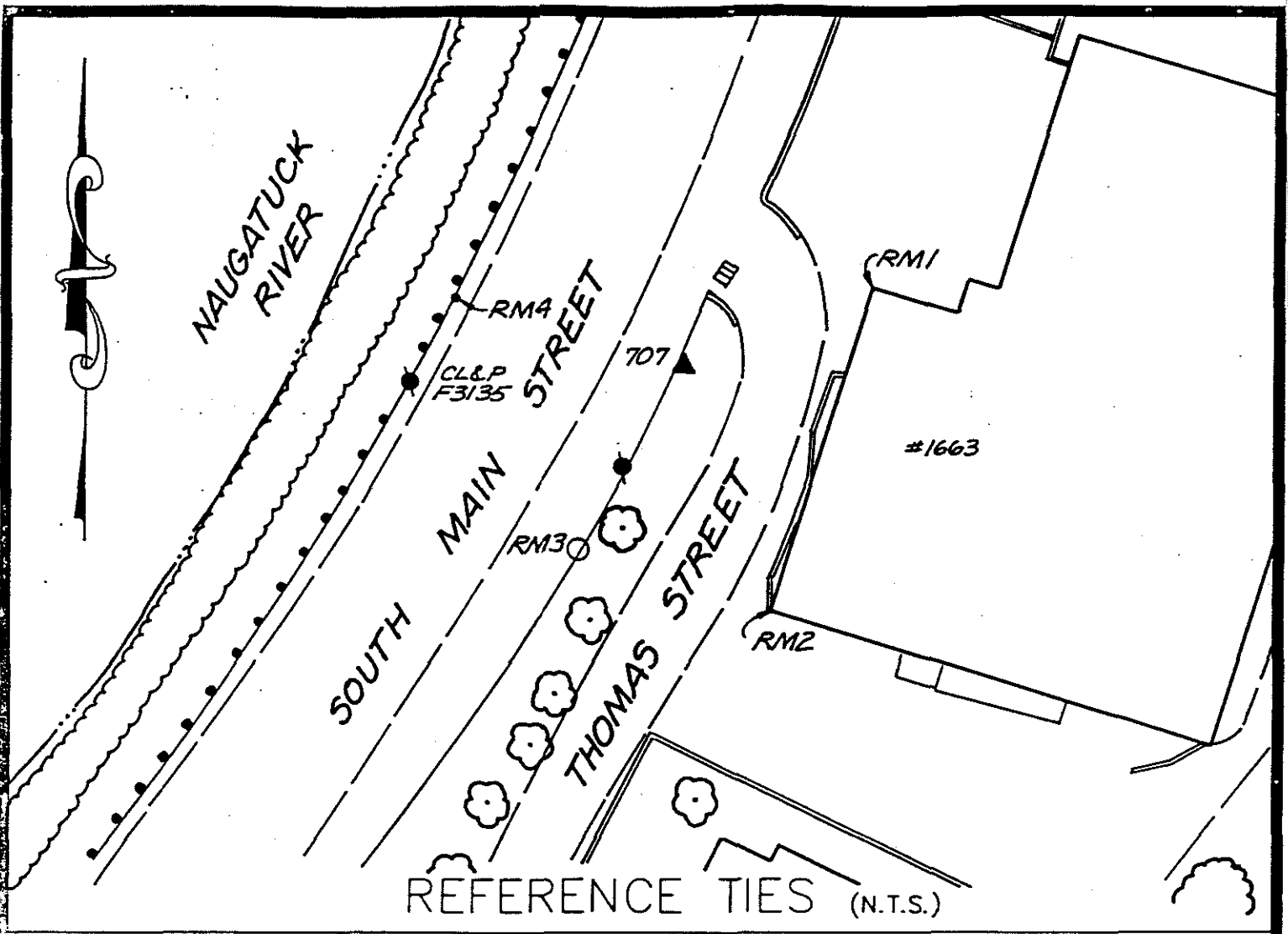
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-708	824.345	0°-00'-00"	216°-45'-24.6"
CP-708	1689.064	156°-11'-46.5"	12°-57'-11"
RM1	52.44	211°-09'-37"	
RM2	64.04	300°-27'-37"	
RM3	50.78	350°-21'-36"	
RM4	57.17	63°-37'-56"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

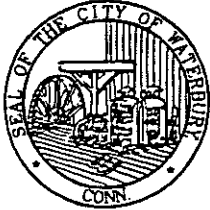
STATION #707: STATION MARK IS U.S.C. AND G.S. STATE SURVEY BRONZE DISK STAMPED 2857; SET IN THE TOP OF A REINFORCED CONCRETE POST, THE TOP FLUSH WITH THE SIDEWALK. THE STATION IS ON THE EAST SIDE OF SOUTH MAIN ST., 2.5 MILES NORTH OF ITS INTERSECTION WITH CONN. #68, IN WATERBURY. IT IS NEXT TO THE CONCRETE CURB AND 26.65 FEET EAST OF THE CENTERLINE OF SOUTH MAIN ST.

RM1: EAST OF STATION - THE NORTHWEST CORNER OF BUILDING #1663

RM2: SOUTH OF STATION - THE SOUTHWEST CORNER OF THE BUILDING MENTIONED IN RM1

RM3: SOUTHWEST OF STATION - THE CENTER OF THE MANHOLE COVER OF THE WATERBURY SEWER DEPARTMENT

RM4: WEST OF STATION - A RAILROAD SPIKE IN THE CENTERLINE OF BIT. SWALE, 15' NORTH OF CL&P POLE #F3135, MARKED WITH A CHISEL MARK "+", 2' FROM EDGE OF ROAD



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

76 KITTS LANE NEWINGTON CT 0633 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-708

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 756,813.444 FEET

E. 921,800.329 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-16.09910"

LONG. 73°-02'-08.2946T

THETA ANGLE - 0°-11'-21.8"

**TYPE OF MARKER**  
BRASS DISK

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

**ELEVATIONS**

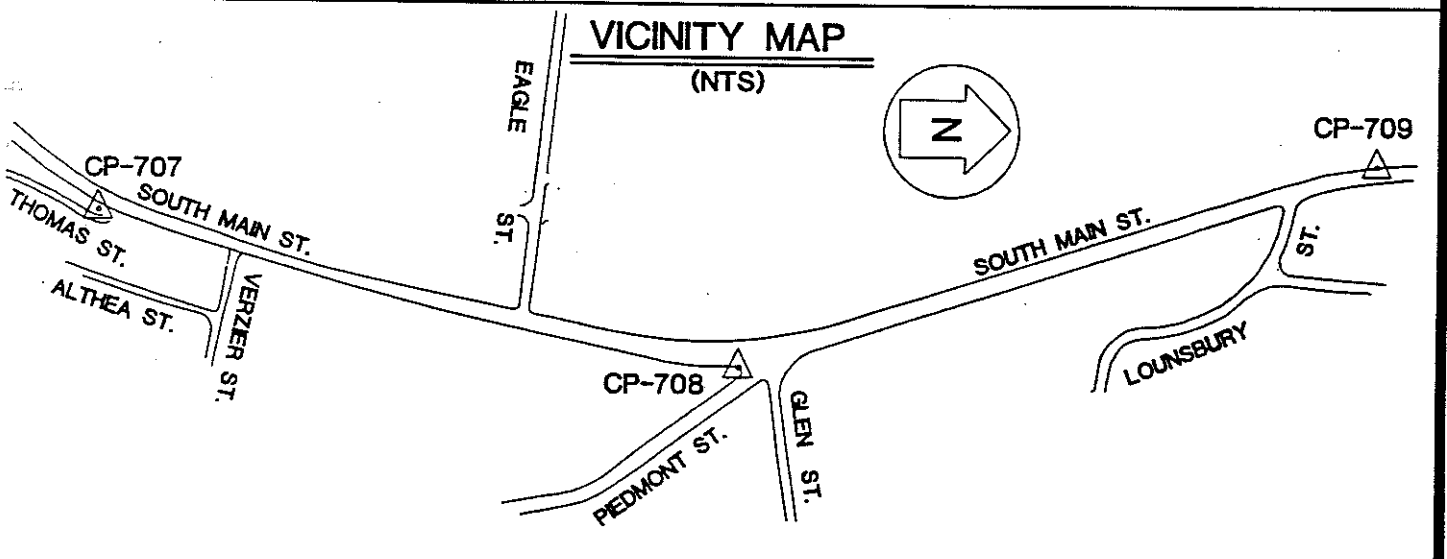
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

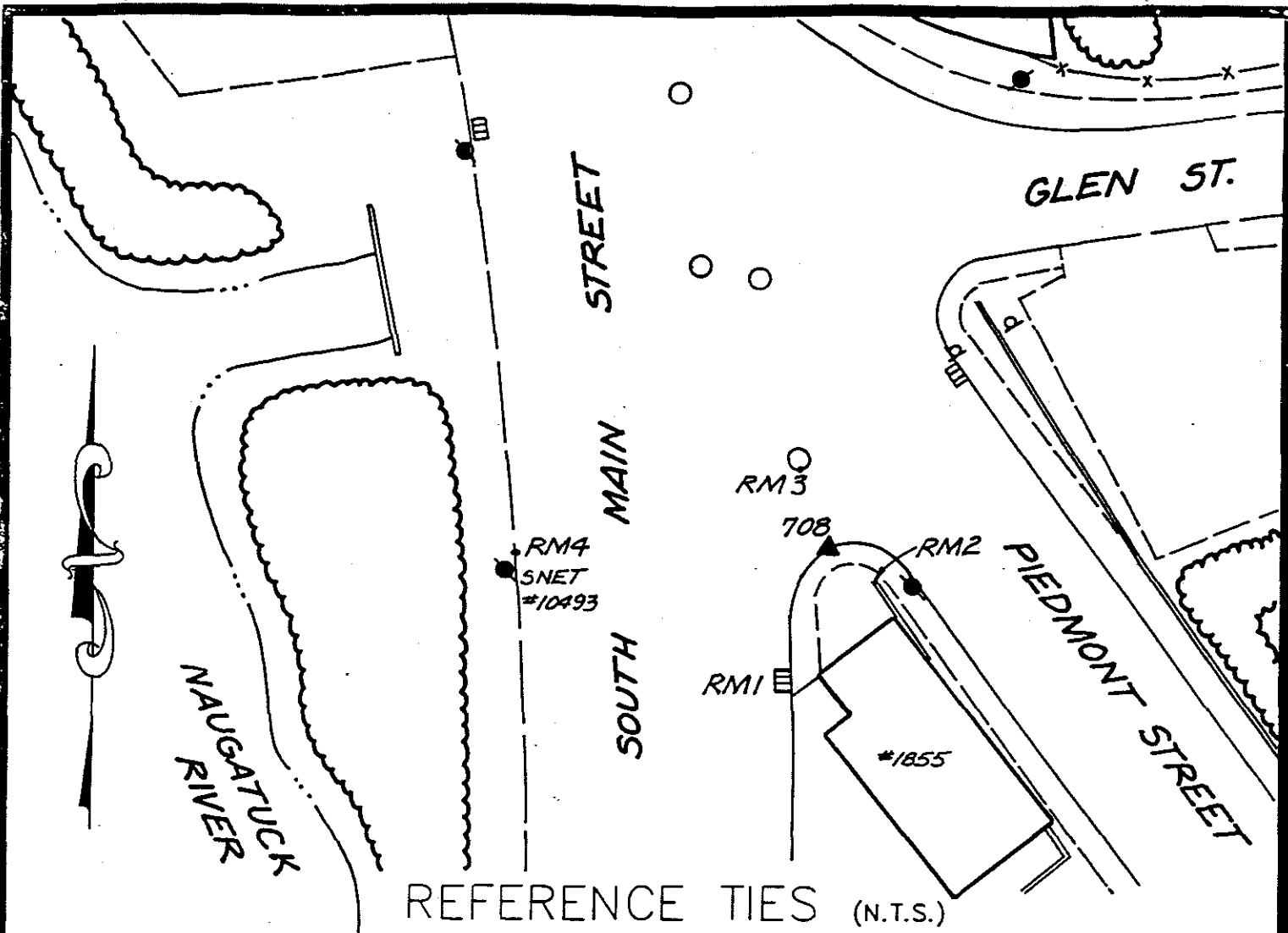
DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-707	1689.064	0°-00'-00"	192°-57'-11T
CP-709	1719.508	148°-48'-38.1T	341°-45'-49.2"
RM1	34.04	350°-09'-10"	
RM2	16.83	264°-57'-26"	
RM3	22.31	127°-33'-21T	
RM4	69.53	74°-32'-25"	

SEE REVERSE SIDE FOR REFERENCE TIES



COMMENTS

STATION #708: SET BRASS DISK IN CONCRETE CURB 24.5'± NORTH OF NORTHWEST CORNER OF BUILDING #1855 SOUTH MAIN STREET

RM1: SOUTHWEST OF STATION - A CHISEL CROSS MARK TOP OF FRAME STEEL CATCH BASIN ON THE EAST SIDE OF SOUTH MAIN ST.

RM2: SOUTHEAST OF STATION - A 3/8" DRILL HOLE IN THE NORTHWEST CORNER OF RETAINING WALL

RM3: NORTHWEST OF STATION - A CHISEL CROSS MARK IN THE SOUTH LUG OF THE SANITARY MH

RM4: WEST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB, 3' SOUTH OF SNET CO. POLE #10493 ON THE WEST SIDE OF SOUTH MAIN STREET





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 888-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-709

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 758,446.588 FEET  
 E. 921262.231 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-32.2166"  
 LONG. 73°-02'-15.4418"  
 THETA ANGLE - 0°-11'-28.6"

**TYPE OF MARKER**  
 CDOT BRASS PIN

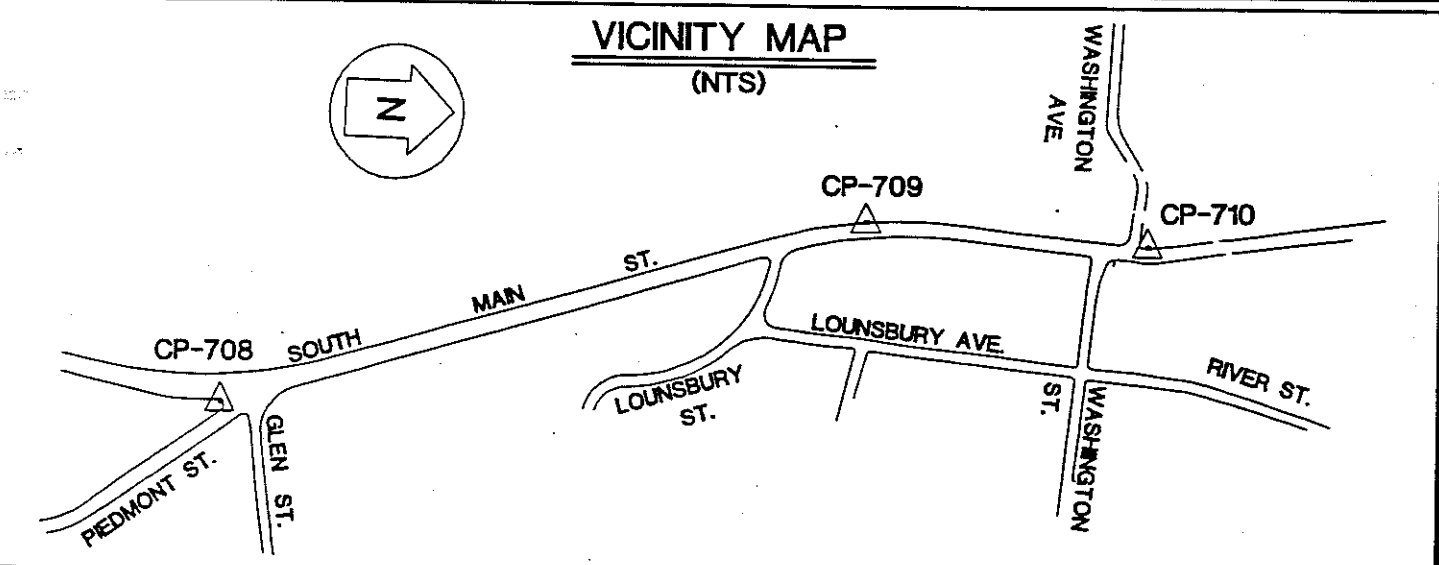
**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

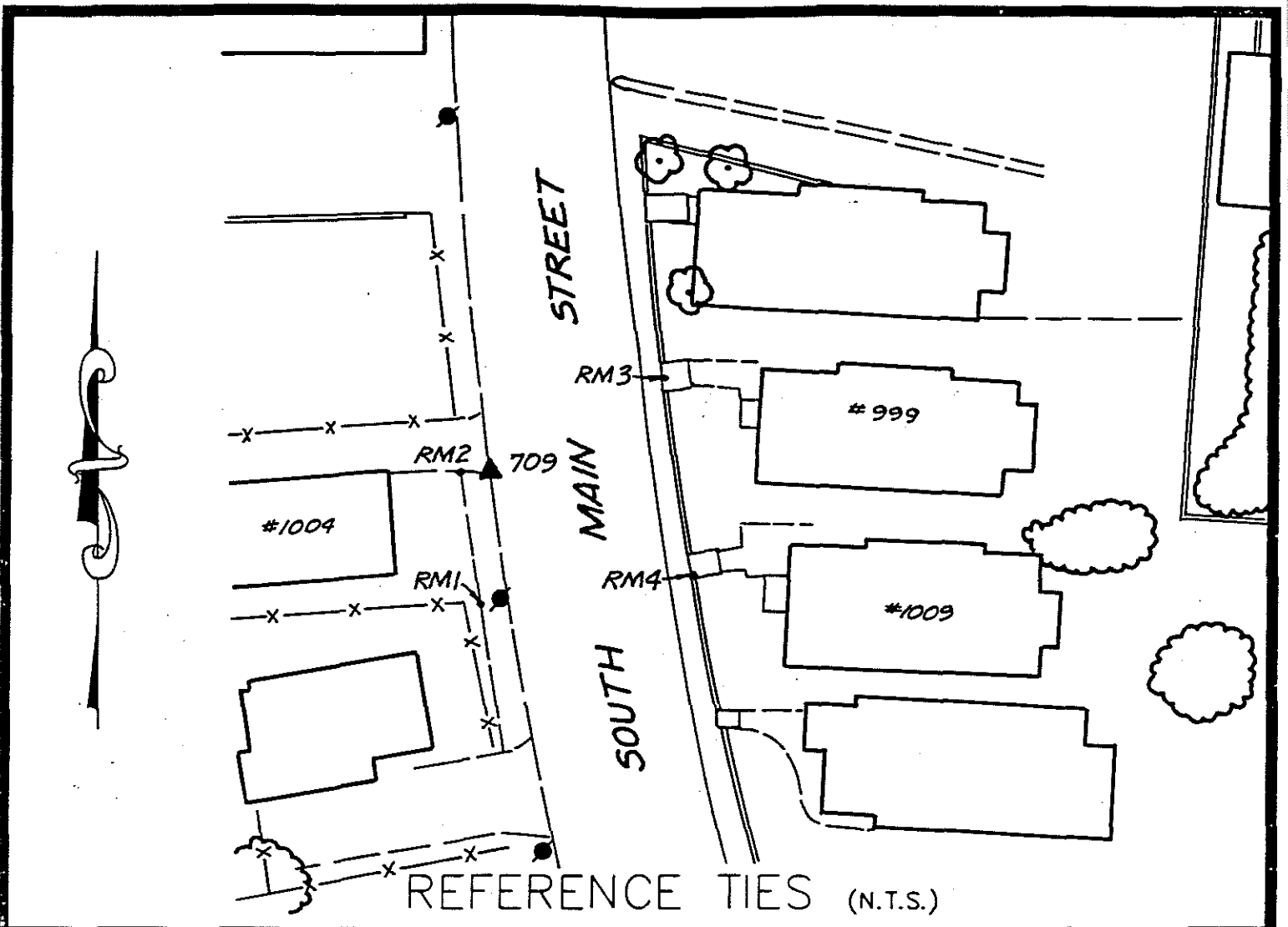
\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-708	1719.508	0°-00'-00"	161°-45'-49.2"
CP-710	726.071	200°-49'-40.7"	02°-35'-29.8"
RM1	32.41	21°-38'-05"	
RM2	5.91	110°-44'-10"	
RM3	49.03	264°-32'-57"	
RM4	56.47	313°-30'-30"	



COMMENTS

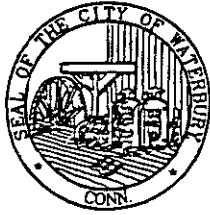
**STATION #709:** A CONN. D.O.T. BRASS PIN BASE LINE MONUMENT SET IN THE CONCRETE CURB IN LINE WITH THE NORTH EDGE ON 1/2' HIGH CONCRETE RETAINING WALL ON THE SOUTH SIDE OF DRIVEWAY FOR HOUSE #1004, 31.5' NORTH OF SNET CO. POLE #7615 ON THE WEST SIDE OF SOUTH MAIN STREET

**RM1:** SOUTH OF STATION - THE CORNER OF A 3" ANGLE IRON SET IN THE SOUTHEAST CORNER OF A 1/2' HIGH CONCRETE RETAINING WALL

**RM2:** WEST OF STATION - THE CORNER OF A 3" ANGLE IRON SET IN THE NORTHEAST CORNER OF A 1/2' HIGH CONCRETE RETAINING WALL

**RM3:** NORTHEAST OF STATION - A DRILL HOLE IN THE CENTER OF THE BOTTOM CONCRETE STEP LEADING TO HOUSE #999 SOUTH MAIN STREET

**RM4:** SOUTHEAST OF STATION - A DRILL HOLE IN THE CENTER OF THE BOTTOM CONCRETE STEP LEADING TO HOUSE #1009 SOUTH MAIN STREET



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 666-0734

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-710

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 759,171.916 FEET  
 E. 921,295.062 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-39.38380"  
 LONG. 73°-02'-15.04181"  
 THETA ANGLE - 0°-11'-26.3"

**TYPE OF MARKER**  
 CITY GRANITE MON.

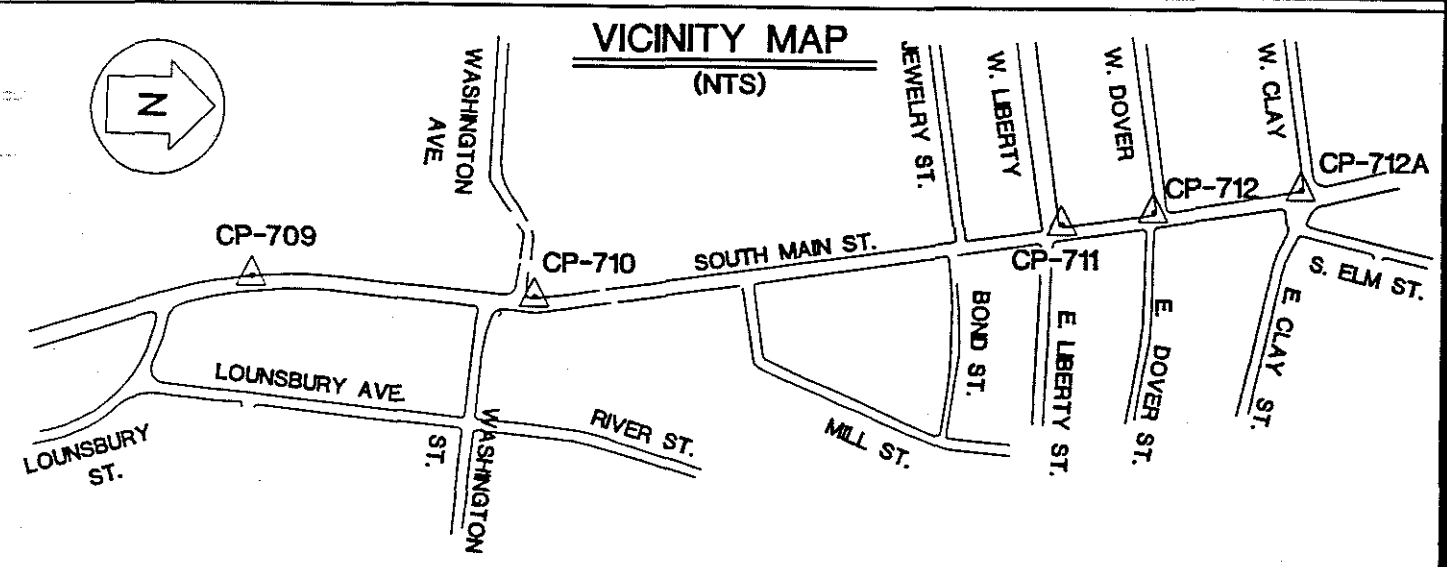
**ALSO REFERRED TO AS STATION #**  
 CITY MONT. 'A'

**ELEVATIONS**

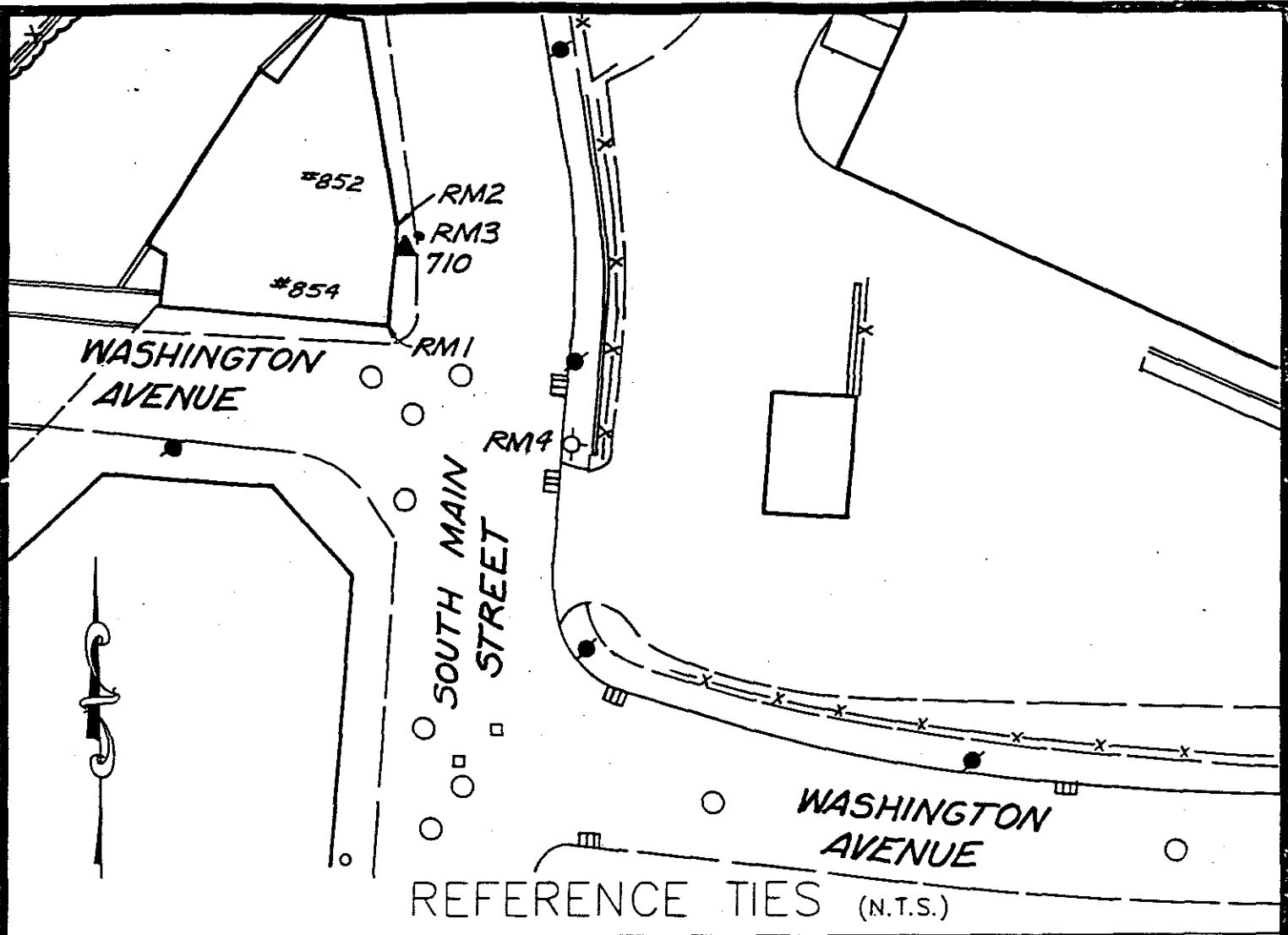
\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-709	726.071	0°-00'-00"	182°-35'-29.9"
CP-711	1363.840	167°-58'-05.1"	350°-33'-35.1"
RM1	17.39	06°-22'-15"	
RM2	4.68	157°-45'-11"	
RM3	6.15	224°-48'-20"	
RM4	62.59	317°-54'-06"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #710: THE STATION IS THE DRILL HOLE IN A STANDARD CITY OF WATERBURY GRANITE STREET LINE MONUMENT ON THE WESTERLY SIDE OF SOUTH MAIN ST. JUST NORTHERLY OF WASHINGTON AVE.; SET FLUSH WITH CONCRETE WALK.

RM1: SOUTH OF STATION - THE SOUTHEAST CORNER OF THE TOP FOUNDATION STONE FOR BUILDING #854 SOUTH MAIN ST.

RM2: NORTHWEST OF STATION - THE ANGLE POINT OF THE STONE FOUNDATION BETWEEN UNIT #854 and #852 SOUTH MAIN ST.; TOP STONE.

RM3: NORTHEAST OF STATION - A DRILL HOLE IN TOP OF CONCRETE CURB NEXT TO A CL&P MANHOLE ON THE WEST SIDE OF SOUTH MAIN ST.

RM4: SOUTHEAST OF STATION - TOP OF FIRE HYDRANT BETWEEN TWO CATCH BASINS ON EAST SIDE OF SOUTH MAIN ST.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-711

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 760,517.286 FEET

E. 921,071.368 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-52.66842"

LONG. 73°-02'-18.04263"

THETA ANGLE - 0°-11'-28.3"

**TYPE OF MARKER**  
CITY GRANITE MON.

**ALSO REFERRED TO AS STATION #**  
CITY MONT. 'B'

**ELEVATIONS**

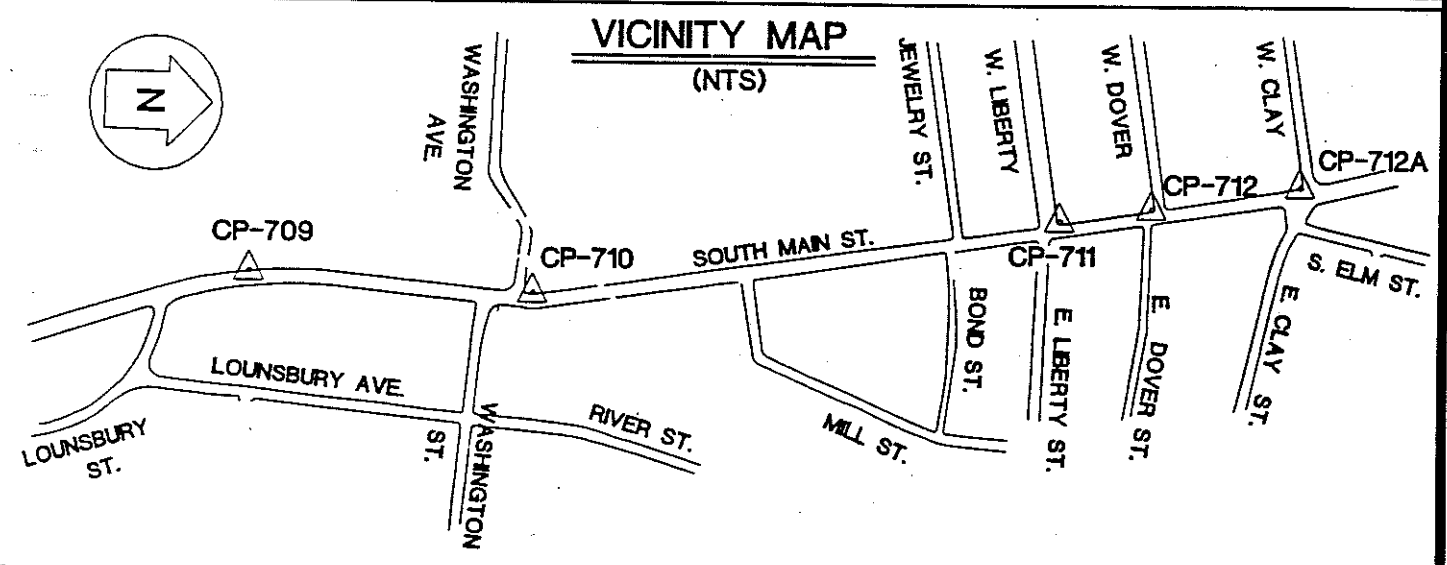
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

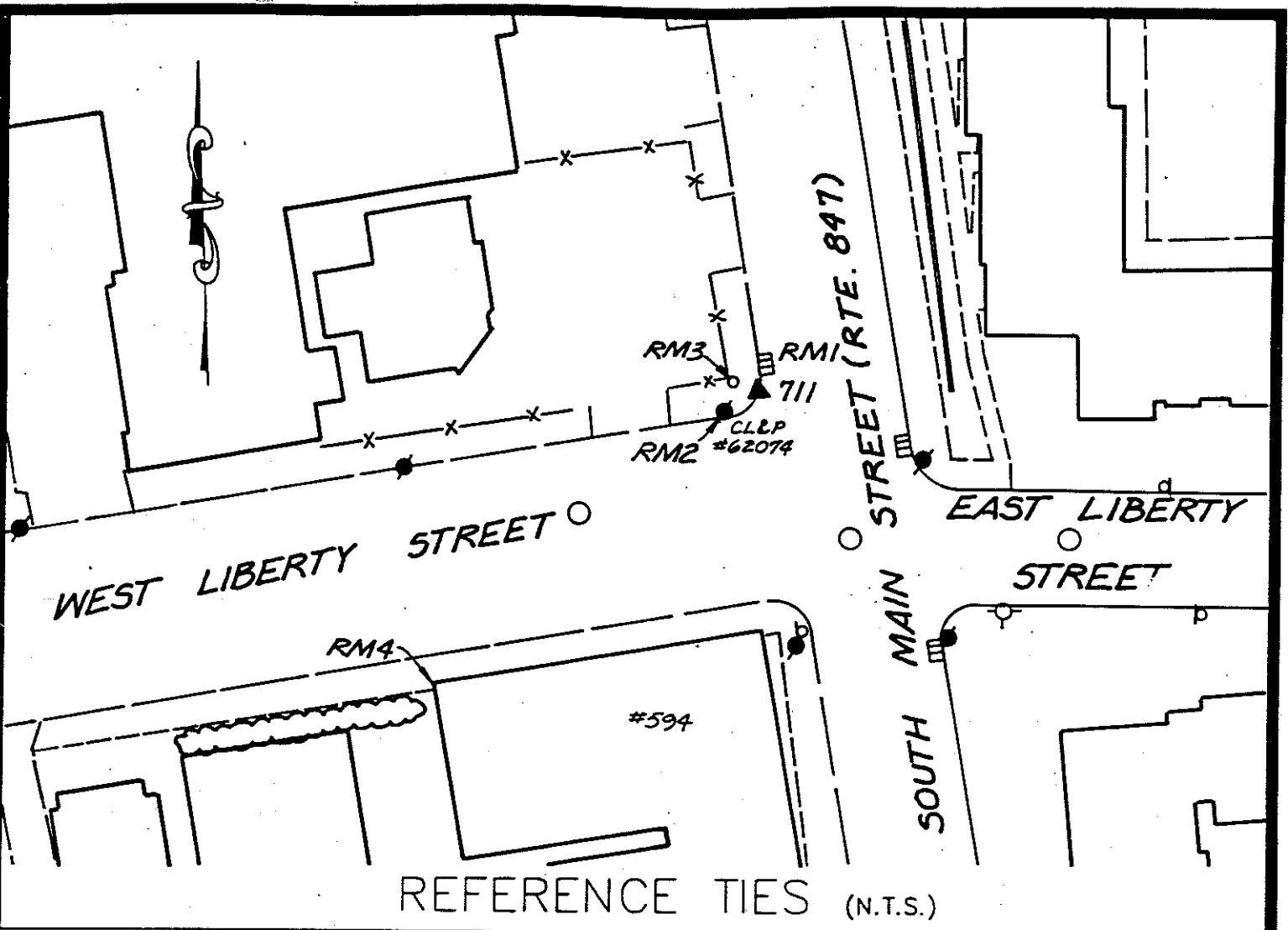
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-710	1363.840	0°-00'-00"	170°-33'-35.1"
CP-712	240.065	180°-03'-11.8"	350°-36'-46.8"
RM1	8.72	238°-42'-39"	
RM2	5.68	17°-41'-12"	
RM3	4.94	141°-21'-14"	
RM4	95.12	49°-39'-59"	



REFERENCE TIES (N.T.S.)

COMMENTS

- STATION #711: A CITY GRANITE MONUMENT AT INTERSECTION OF SIDEWALKS ON THE WEST SIDE OF SOUTH MAIN ST., NORTH SIDE OF WEST LIBERTY ST.
- RM1: NORTH OF STATION - A CHISEL CROSS MARK IN THE TOP OF FRAM OF STEEL CATCH BASIN ON THE WEST SIDE OF SOUTH MAIN ST.
- RM2: SOUTHWEST OF STATION - A PK NAIL 2'± UP IN CL&P POLE #62074
- RM3: WEST OF STATION - A CHISEL CROSS MARK IN THE SOUTHEAST BOLT OF A SIGN BASE
- RM4: SOUTHWEST OF STATION - NORTHWEST CORNER OF BUILDING #594, TOP OF 1ST BRICK SOUTH SIDE OF WEST LIBERTY ST.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
76 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-712

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 780,754.136 FEET

E. 921,032.211 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-55.00715"

LONG. 73°-02'-18.56798"

THETA ANGLE - 0°-11'-28.8"

**TYPE OF MARKER**  
CITY GRANITE MON.

**ALSO REFERRED TO AS STATION #**  
CITY MONT. "C"

**ELEVATIONS**

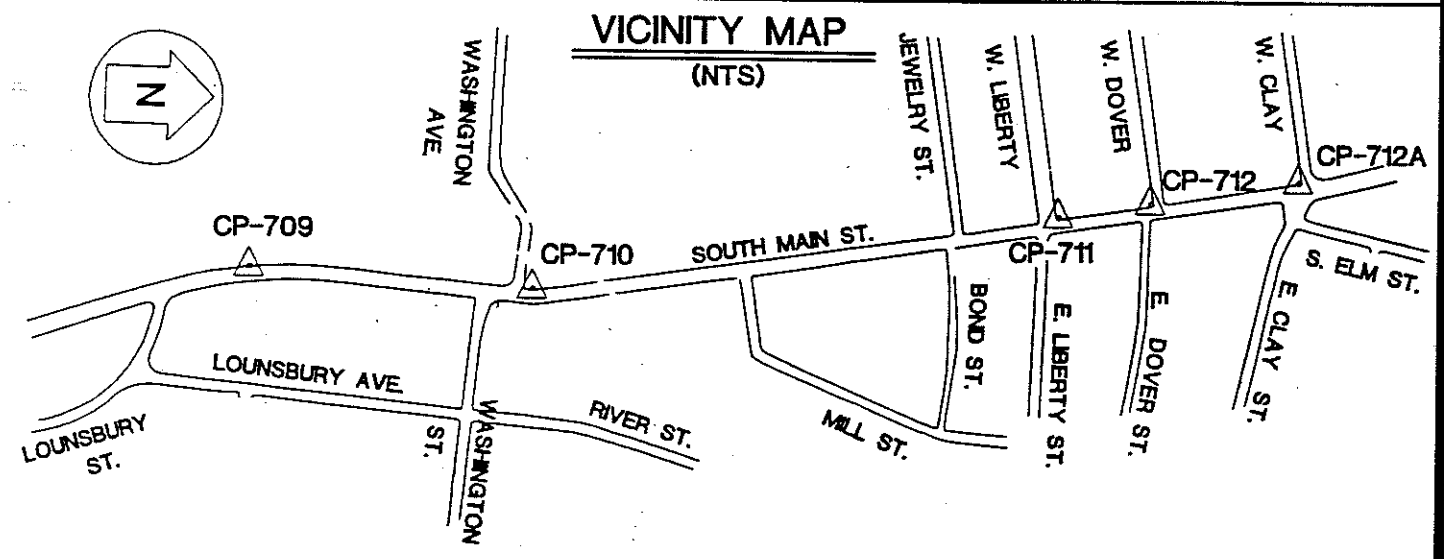
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

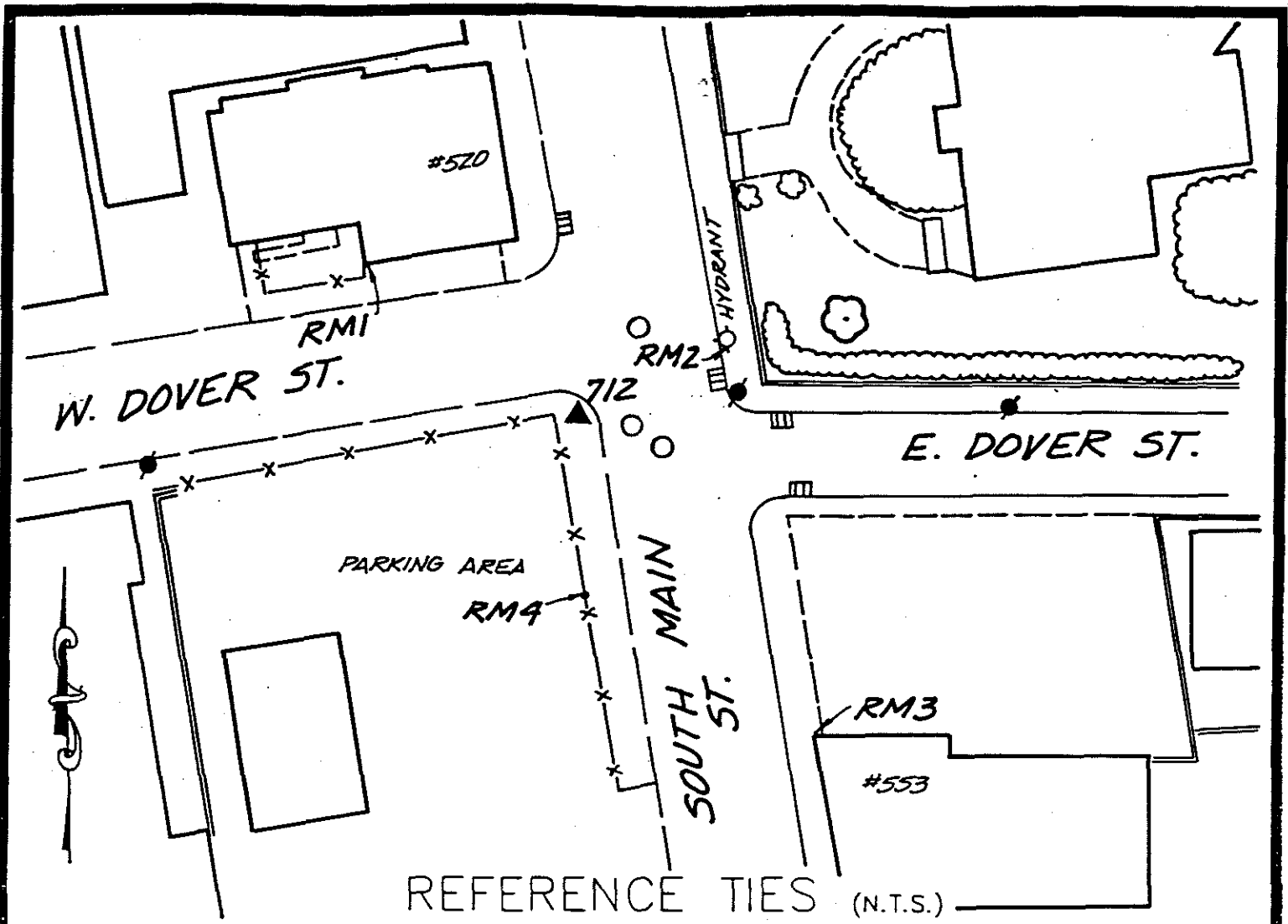
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-711	240.065	0°-00'-00"	170°-36'-46.8"
CP-712A	381.142	178°-31'-28.5"	350°-08'-15.3"
RM1	59.29	138°-08'-29"	
RM2	42.51	256°-40'-47"	
RM3	101.35	330°-32'-27"	
RM4	42.73	01°-47'-48"	



COMMENTS

STATION #712: THE STATION IS THE DRILL HOLE IN A STANDARD CITY OF WATERBURY GRANITE ST. LINE MONUMENT WHICH MARKS THE SOUTHWESTERLY CORNER OF SOUTH MAIN AND WEST DOVER STREETS.

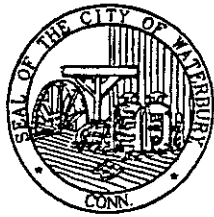
RM1: NORTHWEST OF STATION - SOUTHWEST CORNER OF BUILDING AT #520 SOUTH MAIN ST.

RM2: NORTHEAST OF STATION - SOUTH BOLT OF FIRE HYDRANT

RM3: SOUTHEAST OF STATION - NORTHWEST CORNER OF BUILDING AT #553 SOUTH MAIN ST.

RM4: SOUTH OF STATION - A CHISEL MARK "+" ON I-BEAM OF GUARD RAIL





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KITTUS LANE NEWINGTON, CT (203) 866-0344

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-712A

IN THE TOWN OF  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 761,129.645 FEET

E. 920,966.928 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-58.71494"

LONG. 73°-02'-18.44306"

THETA ANGLE - 0°-11'-29.2"

**TYPE OF MARKER**  
CGS MON.

**ALSO REFERRED TO AS STATION #**  
CTGS 3142

**ELEVATIONS**

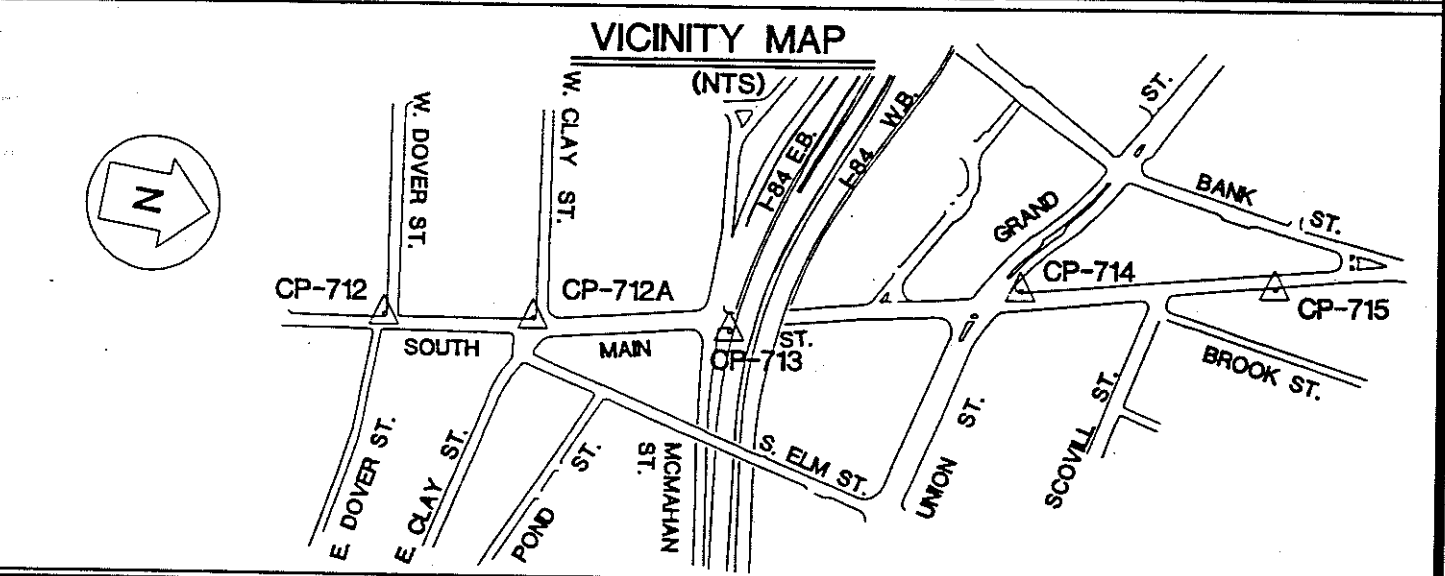
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

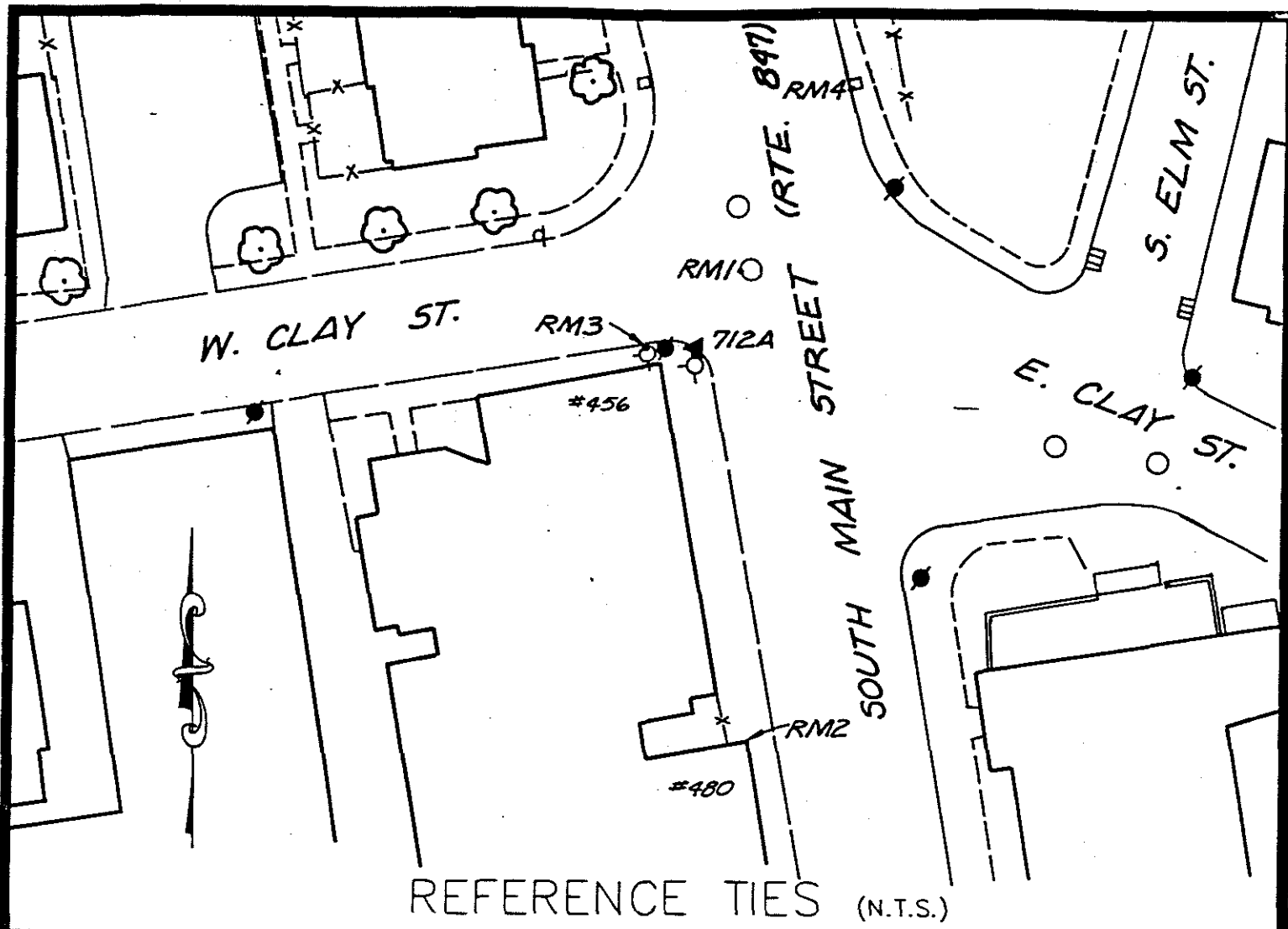
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-712	381.142	0°-00'-00"	170°-08'-15.3"
CP-713	503.156	182°-13'-46.7"	352°-22'-02.0"
RM1	13.98	236°-38'-00"	
RM2	95.61	01°-56'-10"	
RM3	12.13	111°-50'-32"	
RM4	75.35	225°-47'-53"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #712A: A C.G.S. MONUMENT #3142 IN WALK WEST SIDE OF SOUTH MAIN ST. OPPOSITE NORTH RANGE OF BUILDING #456

RM1: NORTHEAST OF STATION - A CHISEL CROSS MARK ON THE WEST SIDE OF THE TOP OF FRAME ON A SNET CO. MH

RM2: SOUTH OF STATION - NORTHEAST CORNER OF BUILDING #480, 24TH BRICK UP FROM WALK

RM3: WEST OF STATION - A CHISEL CROSS MARK ON A BOLT IN HYDRANT BASE, SOUTH SIDE OF WEST CLAY ST.

RM4: NORTHEAST OF STATION - A 3/8" DRILL HOLE IN THE SOUTHWEST CORNER OF A TRAFFIC CONTROL BOX BASE ON THE EAST SIDE OF SOUTH MAIN ST.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
76 KITTS LANE NEWINGTON CT (203) 888-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-713

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 761628.343 FEET

E. 920,900.097 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-03.63977"

LONG. 73°-02'-20.34395"

THETA ANGLE - 0°-11'-29.8"

**TYPE OF MARKER**  
CDOT BRASS DISK

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

**ELEVATIONS**

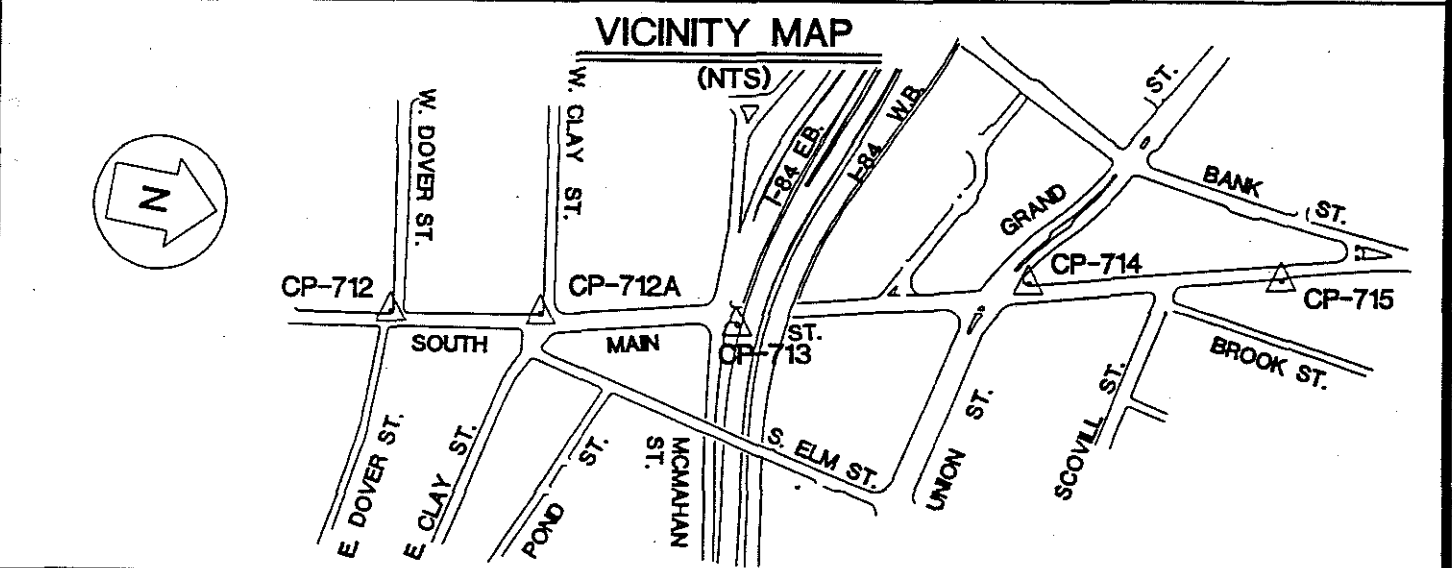
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

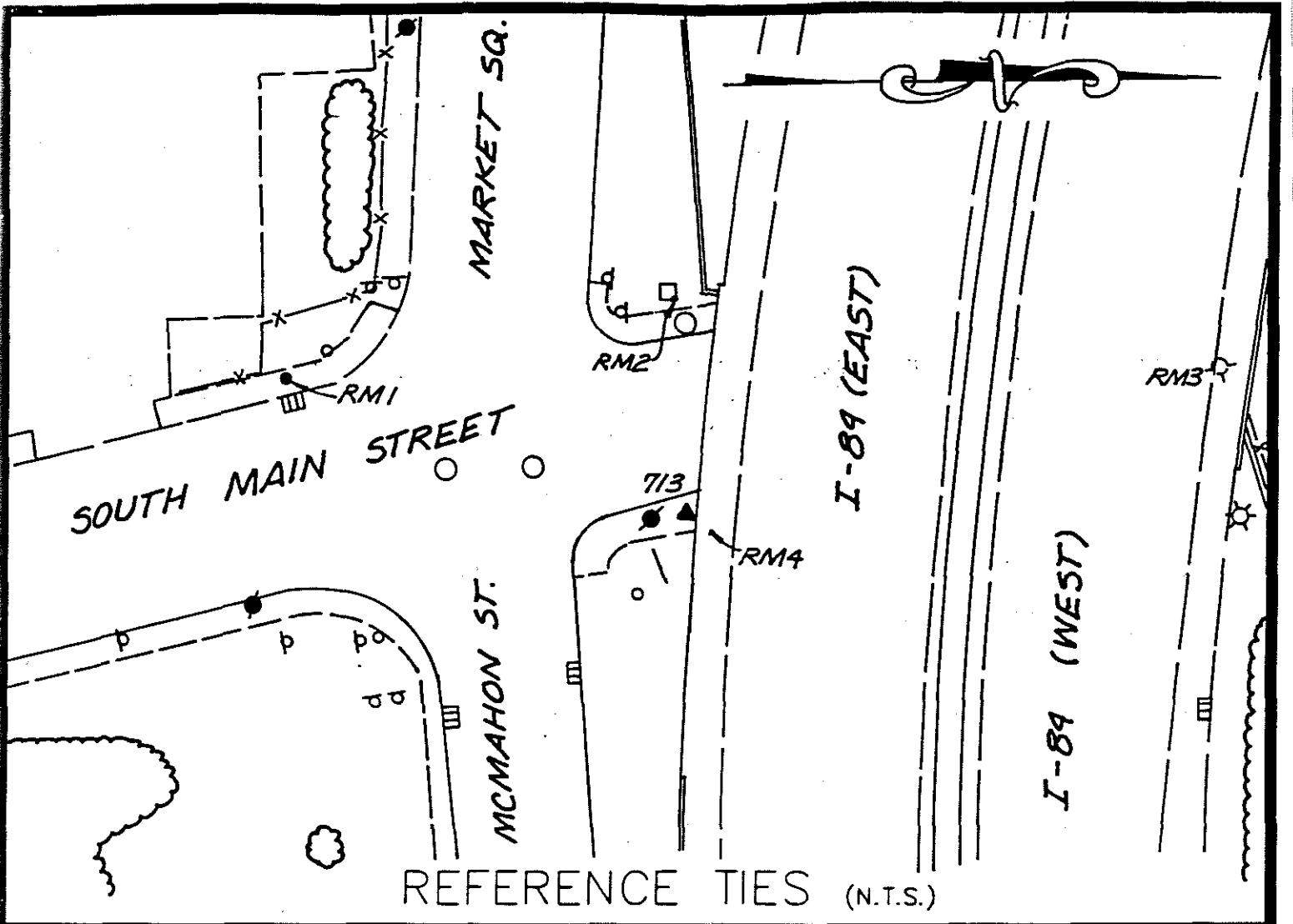
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-712A	503.156	0°-00'-00"	172°-22'-02.0"
CP-714	754.529	188°-48'-58.7"	341°-09'-00.6"
RM1	104.73	27°-52'-20"	
RM2	56.62	91°-20'-14"	
RM3	134.16	170°-22'-40"	
RM4	12.50	15°-25'-07"	



COMMENTS

STATION #713: A CONN. D.O.T. BRASS DISK BOUNDARY MONUMENT LOCATED BELOW THE SOUTH EDGE OF I-84 OVERPASS ON THE EAST SIDE OF THE ROAD, 7.5' FROM THE FACE OF A GRANITE CURB, SET FLUSH WITH CONCRETE SURFACE, ON THE EAST SIDE OF SOUTH MAIN ST.

RM1: SOUTHWEST OF STATION - A CONN. D.O.T. BRASS DISK BOUNDARY MONUMENT SET IN BIT. WALK

RM2: WEST OF STATION - THE NORTHEAST CORNER OF CONCRETE BASE OF A TRAFFIC LIGHT CONTROL BOX

RM3: NORTHWEST OF STATION - TOP OF FIRE HYDRANT ON THE EAST SIDE OF THE ROAD, UNDERNEATH THE I-84 OVERPASS

RM4: NORTHEAST OF STATION - A DRILL HOLE IN THE CONCRETE WALK, 1' EAST OF CL&P POLE #63615, ON THE EAST SIDE OF SOUTH MAIN ST.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 NOTTS LANE NEWINGTON, CT (203) 666-0734

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-714

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 762,342.406 FEET  
 E. 920,656.317 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-10.88649"  
 LONG. 73°-02'-23.58170"  
 THETA ANGLE - 0°-11'-32.0"

**TYPE OF MARKER**  
 CGS BRONZE DISK

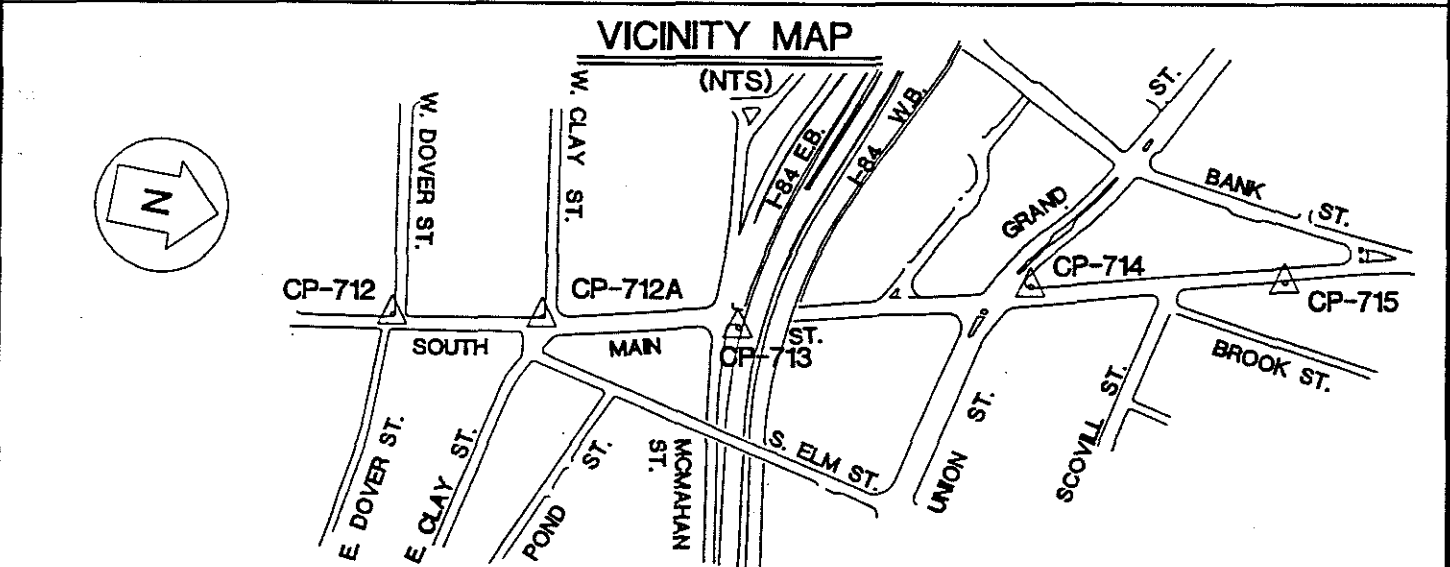
**ALSO REFERRED TO AS STATION #**  
 CTGS 3144

**ELEVATIONS**

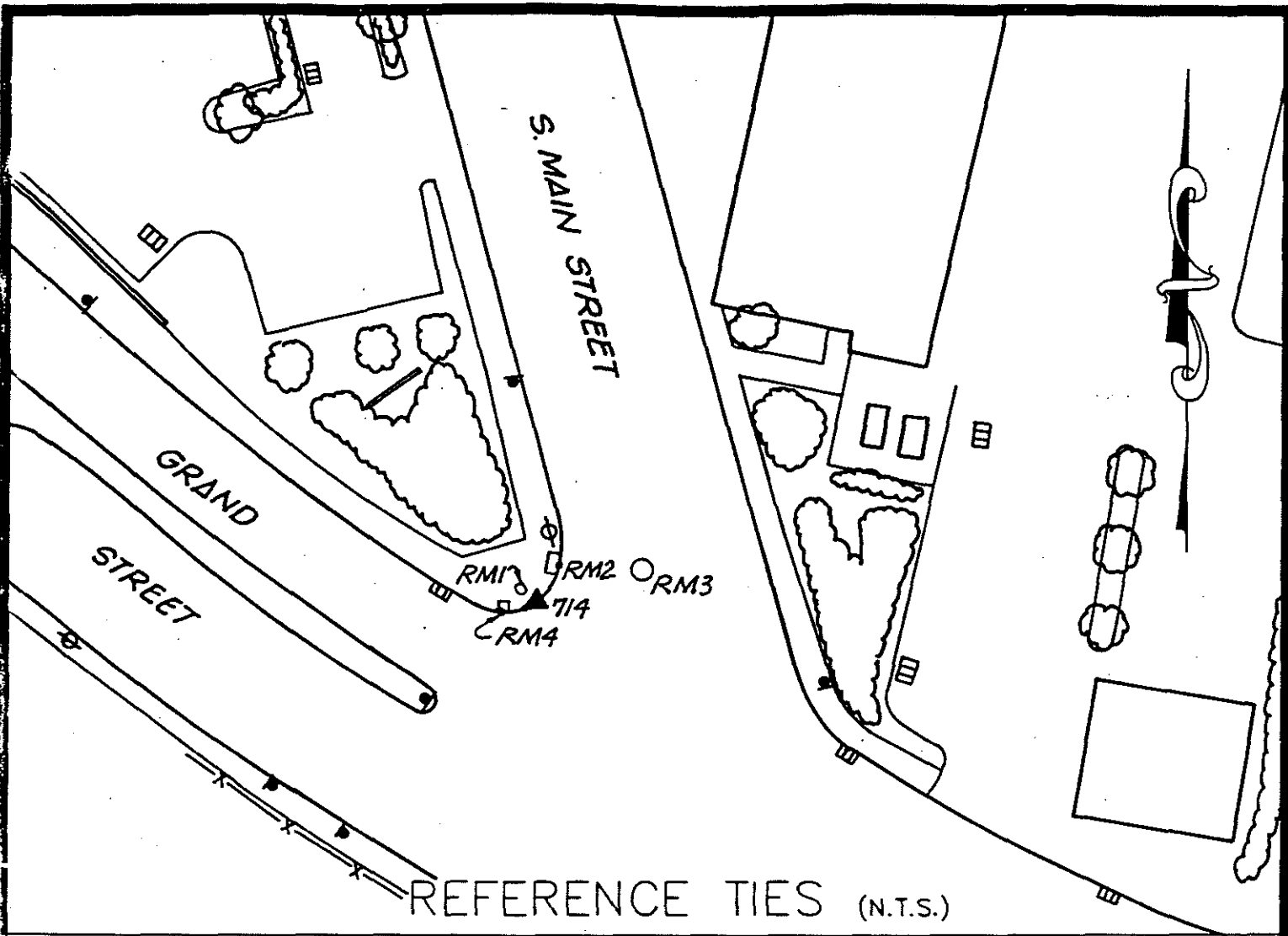
\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-713	754.529	0°-00'-00"	161°-09'-00.6"
CP-715	853.333	187°-24'-15.1"	348°-33'-15.7"
RM1	4.51	112°-04'-38"	
RM2	6.53	219°-08'-43"	
RM3	27.86	263°-44'-34"	
RM4	12.10	43°-18'-43"	



COMMENTS

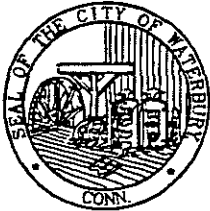
**STATION #714:** STATION MARK IS U.S.C. AND G.S. STATE SURVEY BRONZE DISK STAMPED 3144; SET IN THE SIDEWALK AT THE NORTHWESTERLY CORNER OF SOUTH MAIN AND GRAND STREETS. THE STATION IS 3.9 FEET WESTERLY FROM THE LINE OF THE CURB ON SOUTH MAIN ST.; 2.05 FEET SOUTHWESTERLY FROM A STEEL STREET LIGHT POLE.

**RM1:** NORTHWEST OF STATION - A BRASS DISK SET IN TOP OF CONCRETE POST; FLUSH WITH CONCRETE WALK

**RM2:** NORTHEAST OF STATION - A 3/8" DRILL HOLE IN CURB LINE OF A GRANITE CATCH BASIN ON THE WEST SIDE OF SOUTH MAIN ST.

**RM3:** EAST OF STATION - CENTER OF MANHOLE IN THE CENTERLINE OF SOUTH MAIN ST.

**RM4:** WEST OF STATION - A DRILL HOLE IN THE NORTHEAST CORNER OF CONCRETE BASE FOR PEDESTRIAN SIGNAL LIGHT AT THE NORTHWEST CORNER OF SOUTH MAIN ST. AND GRAND ST.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
 CP-715

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 762,982.746 FEET

E. 920,526.671 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-17.0086"

LONG. 73°-02'-25.31518"

THETA ANGLE - 0°-11'-33.1"

**TYPE OF MARKER**  
 CITY GRANITE MON.

**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

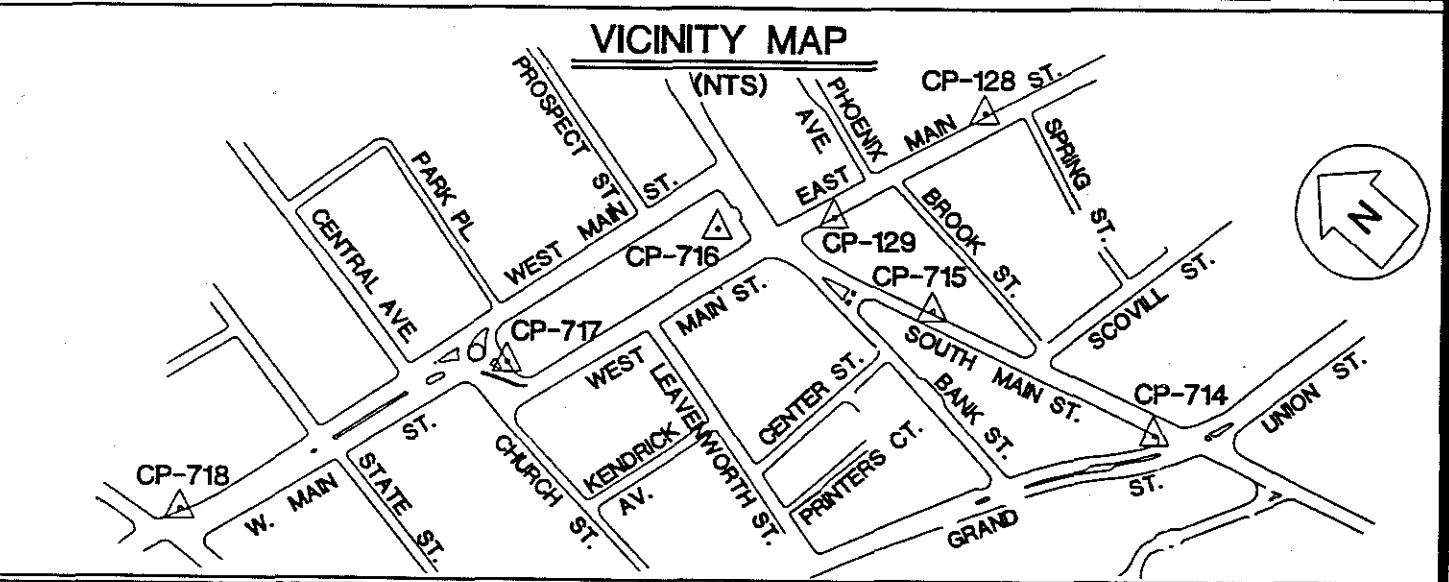
\_\_\_\_\_ FEET  
 (NAVD 88)

DATE \_\_\_\_\_

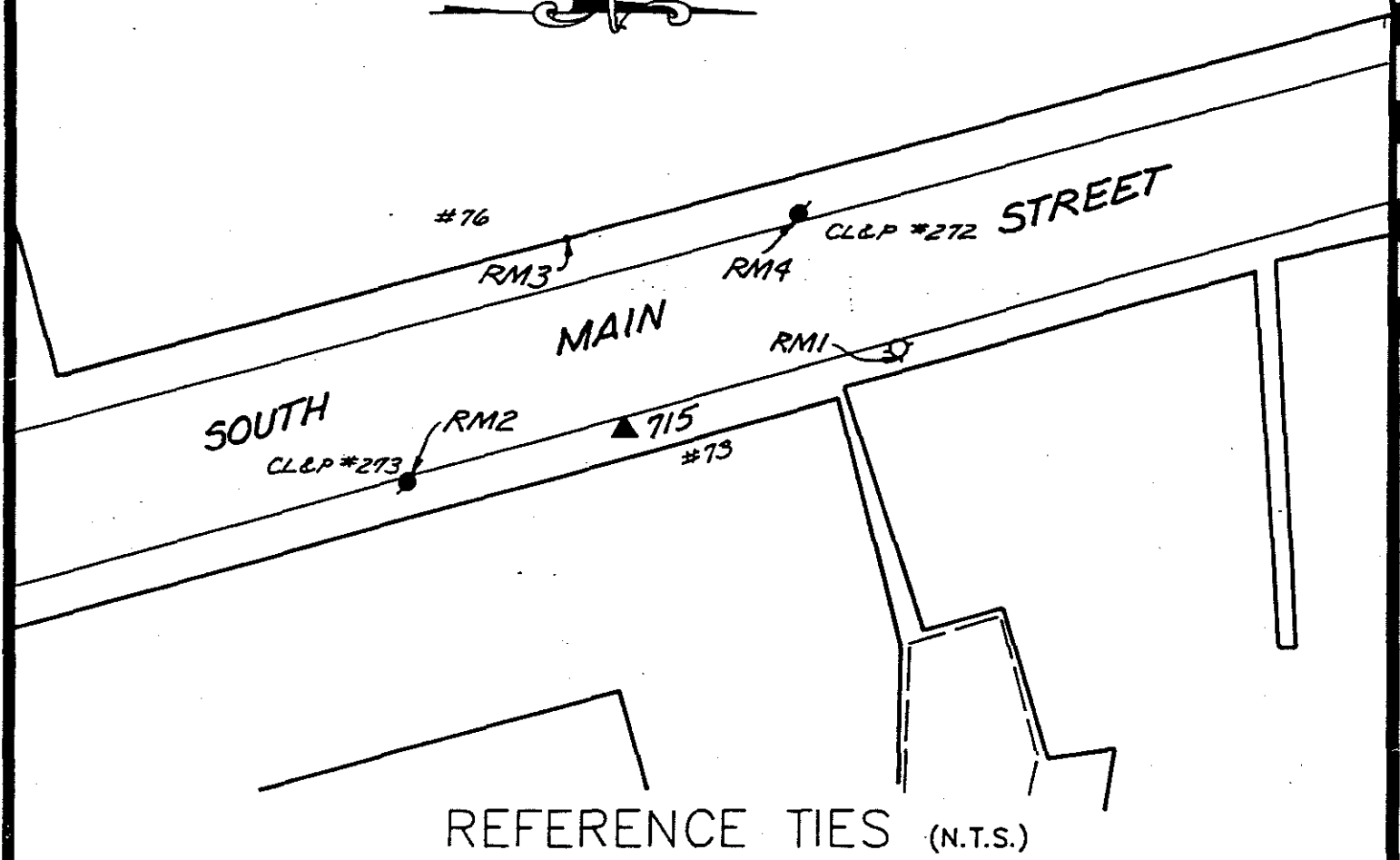
\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-714	853.333	0°-00'-00"	168°-33'-15.7"
CP-716	588.505	171°-52'-37.7"	340°-25'-53.4"
RR STA CLOCKTOWER	1814.478	105°-43'-49.4"	274°-17'-05.1"
RM1	62.55	172°-03'-52"	
RM2	50.58	01°-02'-52"	
RM3	49.65	88°-51'-48"	
RM4	61.95	134°-46'-34"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #715: A CITY GRANITE MONUMENT 5.5± EAST OF CURB AND OPPOSITE SOUTHWEST CORNER OF BUILDING #73 SOUTH MAIN ST. (EAST SIDE)

RM1: NORTH OF STATION - A CHISEL CROSS MARK ON THE EAST BOLT OF A HYDRANT BASE

RM2: SOUTH OF STATION - A CHISEL CROSS MARK ON THE NORTHWEST BOLT OF CL&P POLE #273 BASE ON THE EAST SIDE OF SOUTH MAIN ST.

RM3: SOUTHWEST OF STATION - NORTHEAST CORNER OF BUILDING #76, 23RD BRICK UP FROM WALK

RM4: NORTHWEST OF STATION - A 3/8" DRILL HOLE IN THE SOUTHEAST CORNER OF A CONCRETE BASE OF A CL&P POLE #272 ON THE WEST SIDE OF SOUTH MAIN ST.





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-716

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 763,537.260 FEET

E. 920,329.561 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-22.48054"

LONG. 73°-02'-27.93233"

THETA ANGLE - 0°-11'-34.8"

**TYPE OF MARKER**  
CGS MON.

**ALSO REFERRED TO AS STATION #**  
CTGS 3135

**ELEVATIONS**

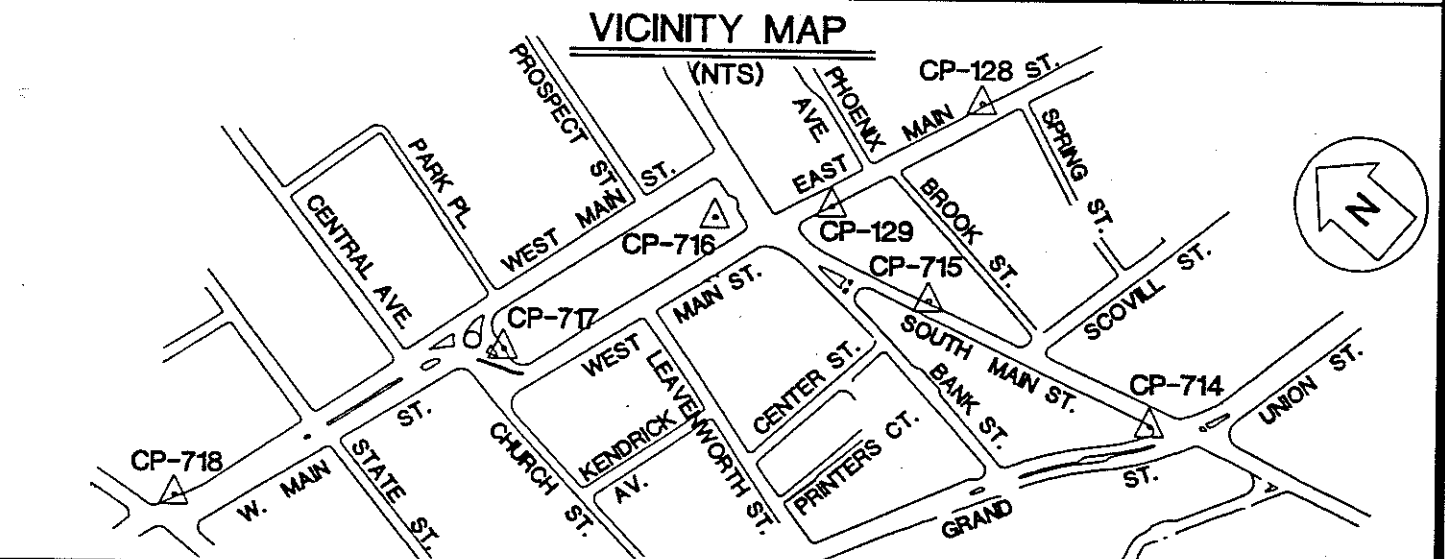
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(NAVD 88)

DATE \_\_\_\_\_

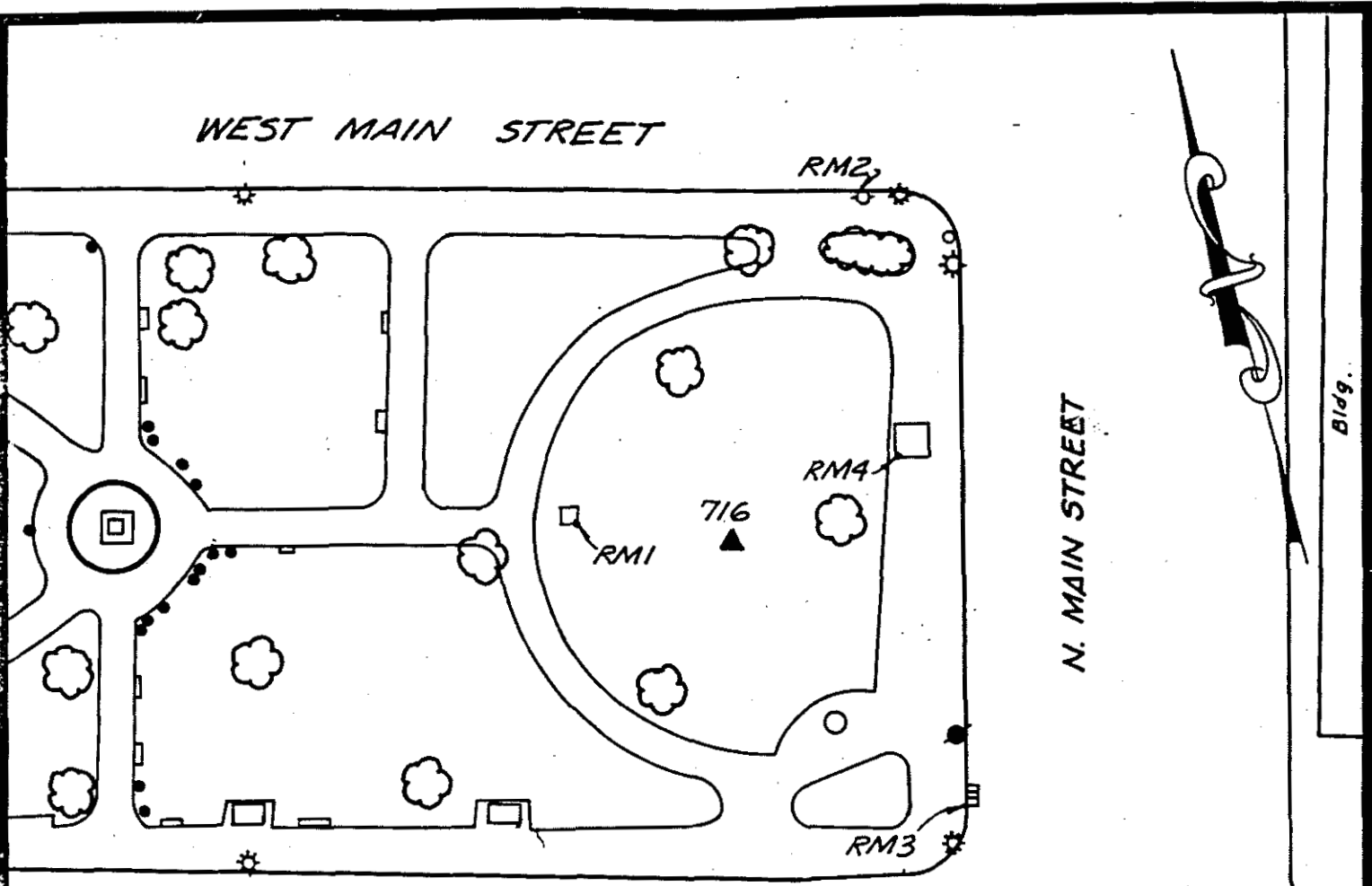
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-715	588.505	0°-00'-00"	160°-25'-53.4"
CP-717	636.147	126°-40'-47.3"	287°-06'-40.7"
CP-129	301.476	333°-13'-41.3"	133°-39'-34.7"
RM1	29.49	142°-05'-27"	
RM2	92.84	238°-28'-59"	
RM3	78.80	346°-12'-44"	
RM4	41.92	275°-38'-47"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #716: STATION MARK IS U.S.C. AND G.S. STATE SURVEY BRONZE DISK STAMPED 3135, SET IN A REINFORCED CONCRETE POST, THE TOP FLUSH WITH THE GROUND, AT THE EASTERLY END OF THE CENTRAL GREEN APPROXIMATELY IN LINE WITH THE SOUTHERLY FACE OF THE GRANITE STEPS OF THE CARRIE WELTON MEMORIAL FOUNTAIN.

RM1: WEST OF STATION - A 3/8" DRILL HOLE IN SOUTHEAST CORNER OF ELECTRIC BOX IN GRASS AREA

RM2: NORTHEAST OF STATION - A CHISEL MARK "+" ON BOLT ON WEST SIDE OF HYDRANT AT SOUTHWEST CORNER OF NORTH MAIN ST. AND WEST MAIN ST.

RM3: SOUTHEAST OF STATION - A CHISEL MARK "+" IN SOUTHWEST CORNER STEEL CATCH BASIN IN WEST SIDE NORTH MAIN ST.

RM4: EAST OF STATION - A 3/8" DRILL HOLE IN SOUTHWEST CORNER OF CONCRETE SLAB OF BUS SHELTER ON WEST SIDE OF NORTH MAIN ST.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
**LAND SURVEYORS**  
75 KITTS LANE NEWINGTON, CT (203) 888-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-717

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 763,724.433 FEET

E. 819,721,573 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-24.30945"

LONG. 73°-02'-35.83769"

THETA ANGLE - 0°-11'-40.1"

**TYPE OF MARKER**  
BRASS DISK

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

**ELEVATIONS**

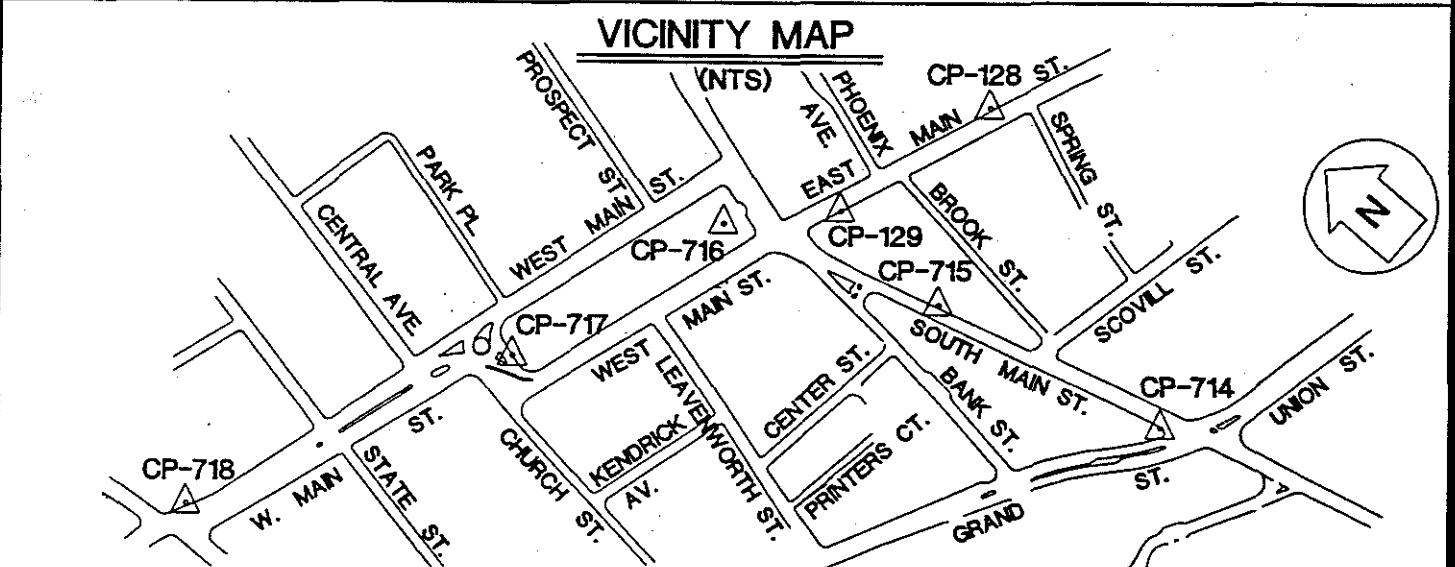
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

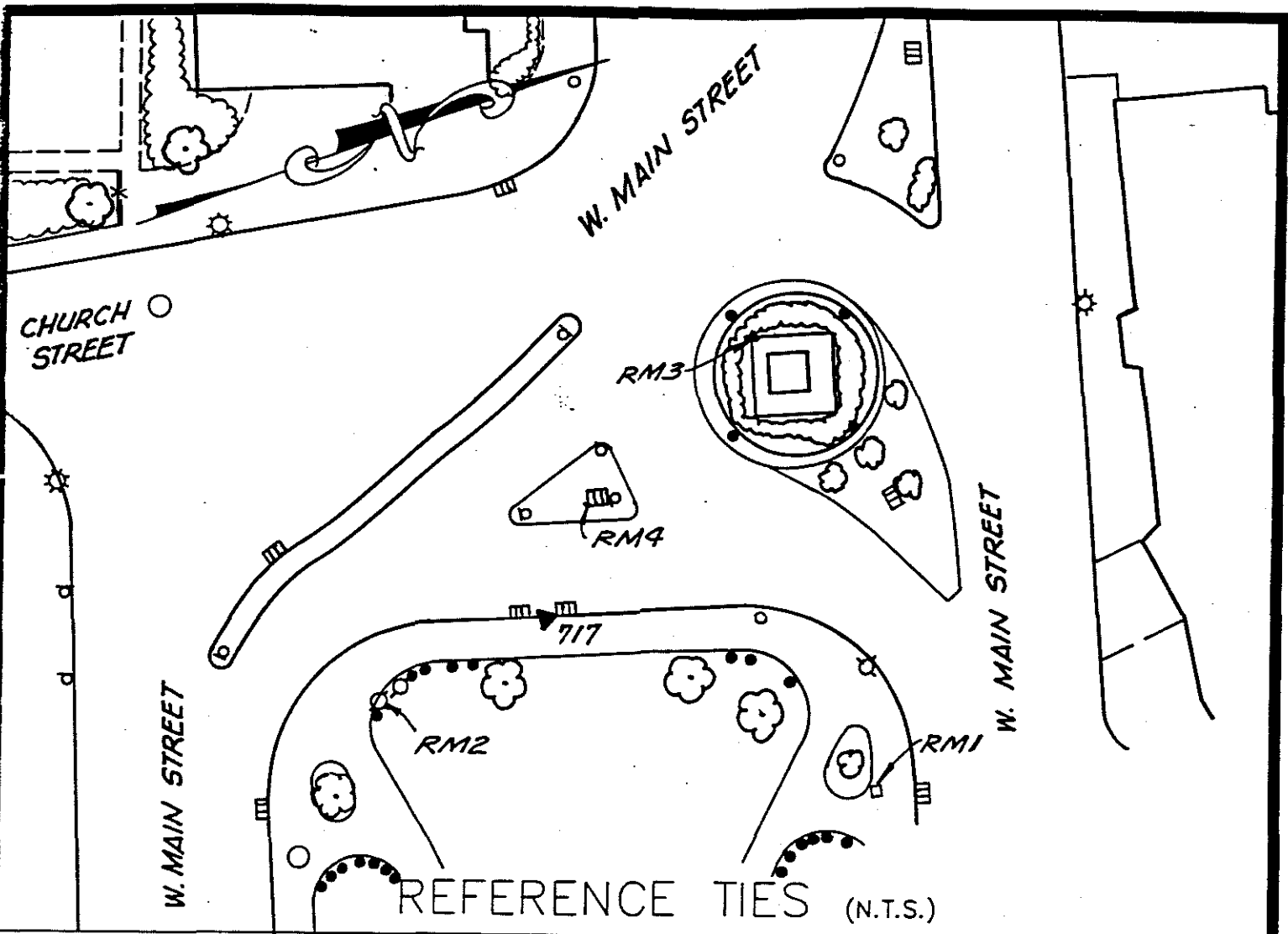
DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-716	636.147	0°-00'-00"	107°-06'-40.7"
CP-718	920.724	187°-50'-40.2"	294°-57'-20.8"
RM1	90.09	299°-54'-22"	
RM2	44.67	61°-50'-07"	
RM3	83.00	218°-27'-54"	
RM4	28.97	204°-27'-04"	

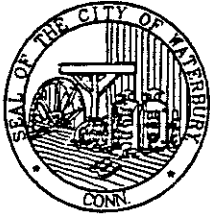
SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

- STATION #717: SET BRASS DISK IN GRANITE CURB BETWEEN TWO CATCH BASINS ON THE WEST SIDE OF THE TOWN GREEN
- RM1: NORTHEAST OF STATION - A C.G.S. MONUMENT #3136, NORTHWEST CORNER OF THE TOWN GREEN
- RM2: SOUTHEAST OF STATION - A CHISEL CROSS MARK ON THE NORTH BOLT OF A HYDRANT
- RM3: NORTHWEST OF STATION - A BRASS DISK AT THE SOUTHWEST CORNER OF A CIVIL WAR MEMORIAL ON AN ISLAND IN WEST MAIN ST.
- RM4: WEST OF STATION - A 3/8" DRILL HOLE IN THE SOUTHEAST CORNER OF A CATCH BASIN IN A GRASS ISLAND LOCATED ON WEST MAIN ST.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 668-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE: \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-718

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 764,112.904 FEET

E. 918,886.814 FEET

DATE 8 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-28.11932"

LONG. 73°-02'-46.93509"

THETA ANGLE - 0°-11'-47.4"

**TYPE OF MARKER**  
BRASS DISK

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

CONDITION OF STATION	BY	DATE

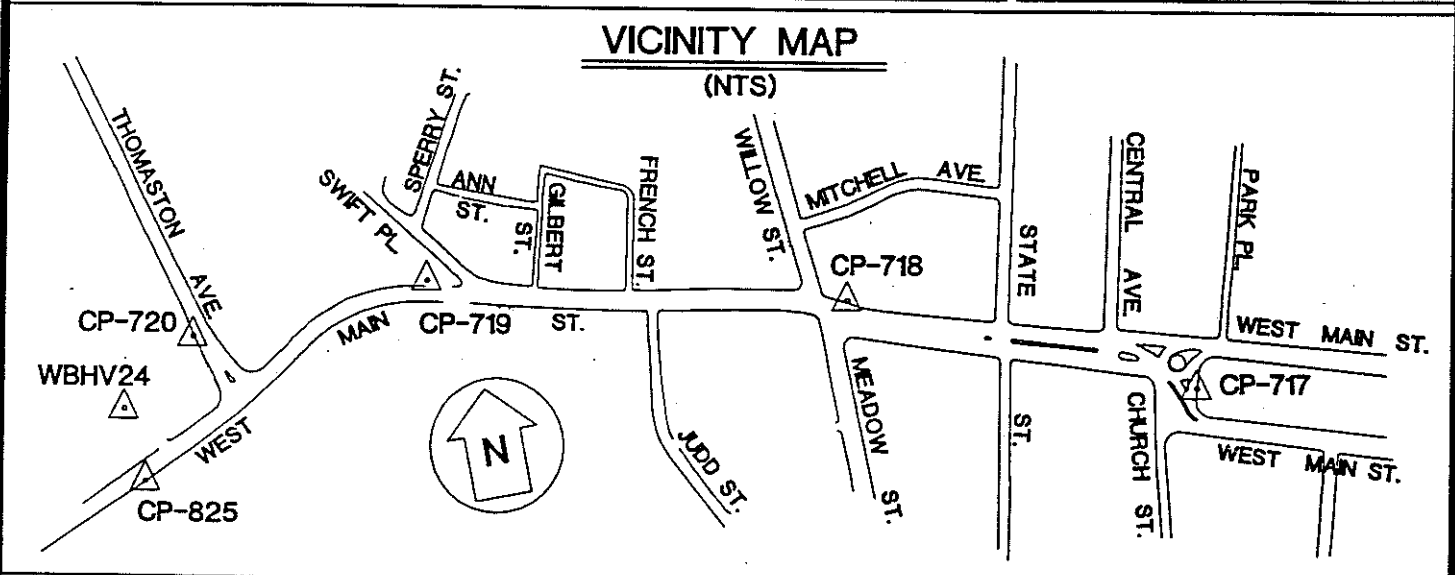
**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

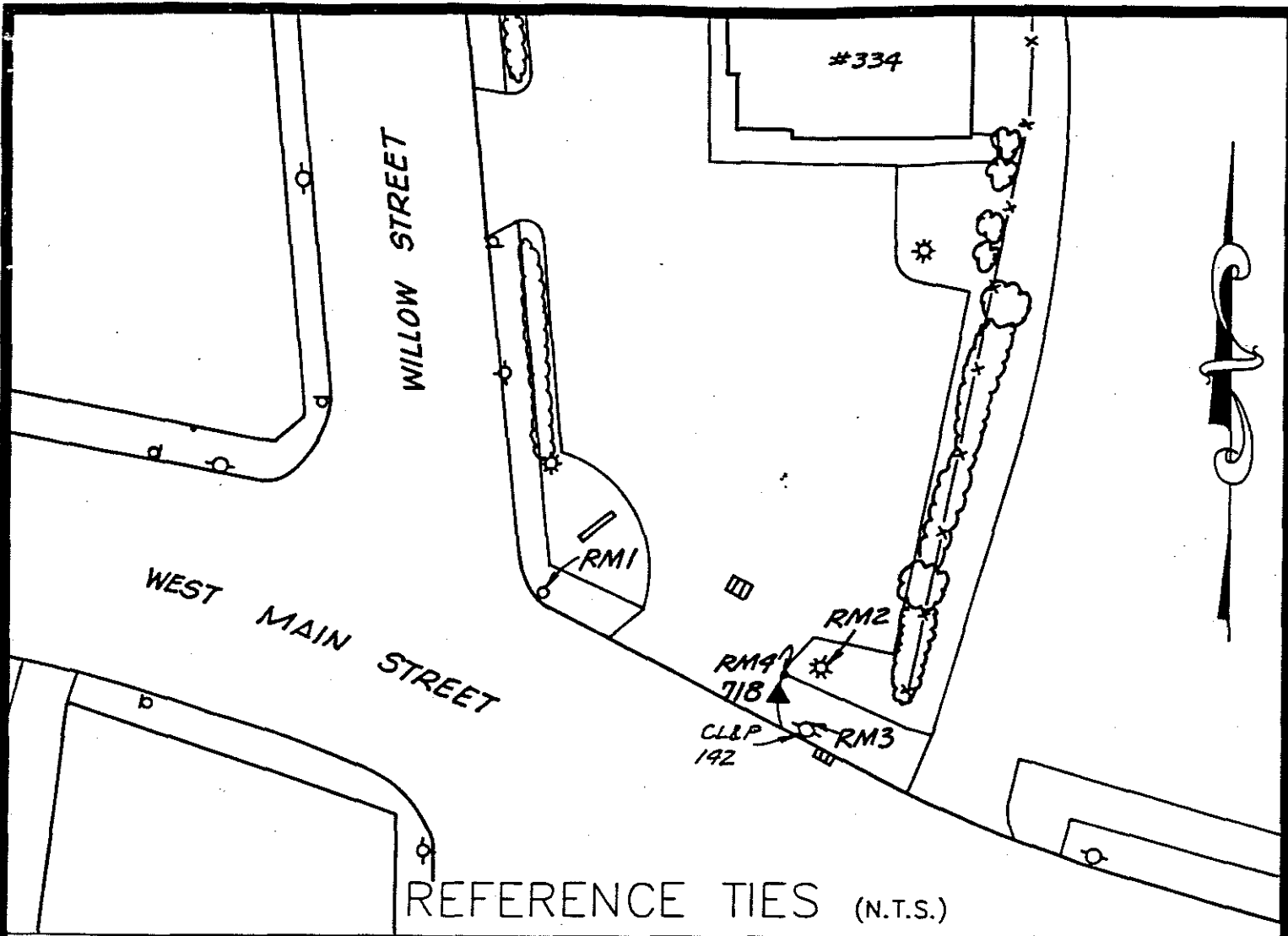
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-717	920.724	0°-00'-00"	114°-57'-20.9"
CP-719	1080.700	168°-17'-28.5"	283°-14'-49.4"
RR STA CLOCKTOWER	1008.940	74°-43'-06.6"	189°-40'-27.6"
RM1	62.24	180°-22'-41"	
RM2	12.88	30°-21'-32"	
RM3	10.12	21°-24'-30"	
RM4	7.38	270°-23'-52"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #718: SET BRASS DISK IN GRANITE CURB 12' EAST OF WEST RANGE OF BUILDING #334 AND 5' NORTH OF CURB ON THE NORTH SIDE OF WEST MAIN ST.

RM1: NORTHWEST OF STATION - A CHISEL CROSS MARK ON THE NORTHEAST BOLT OF A TRAFFIC CONTROL POLE

RM2: NORTHEAST OF STATION - A CHISEL CROSS MARK ON THE SOUTHEAST BOLT OF THE BASE OF A PARKING LOT LIGHT STANDARD

RM3: SOUTHEAST OF STATION - A CHISEL CROSS MARK ON THE NORTHWEST BOLT OF CL&P POLE #142

RM4: NORTH OF STATION - A 3/8" DRILL HOLE IN THE CORNER OF THE CONCRETE CURB OF THE PARKING LOT



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 866-0734

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-719

**IN THE TOWN OF  
 WATERBURY**

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 764,360.547 FEET  
 E. 917,834.870 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-30.53010"  
 LONG. 73°-03'-00.78320"  
 THETA ANGLE - 0°-11'-56.6"

**TYPE OF MARKER**  
 BRASS DISK

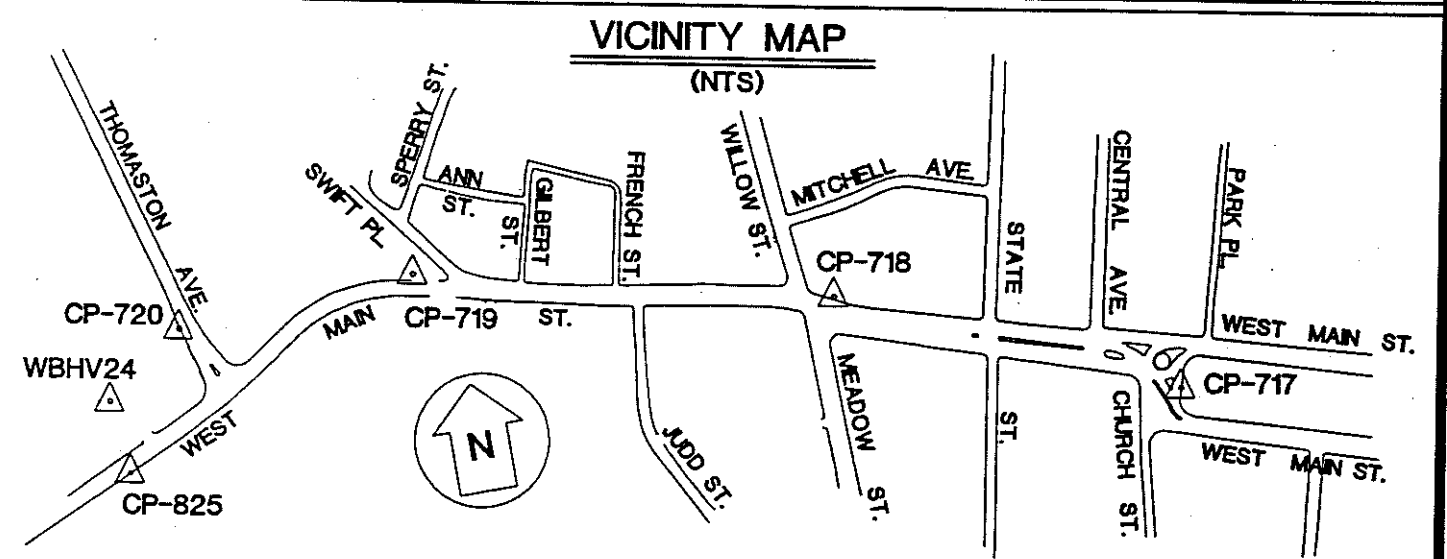
**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

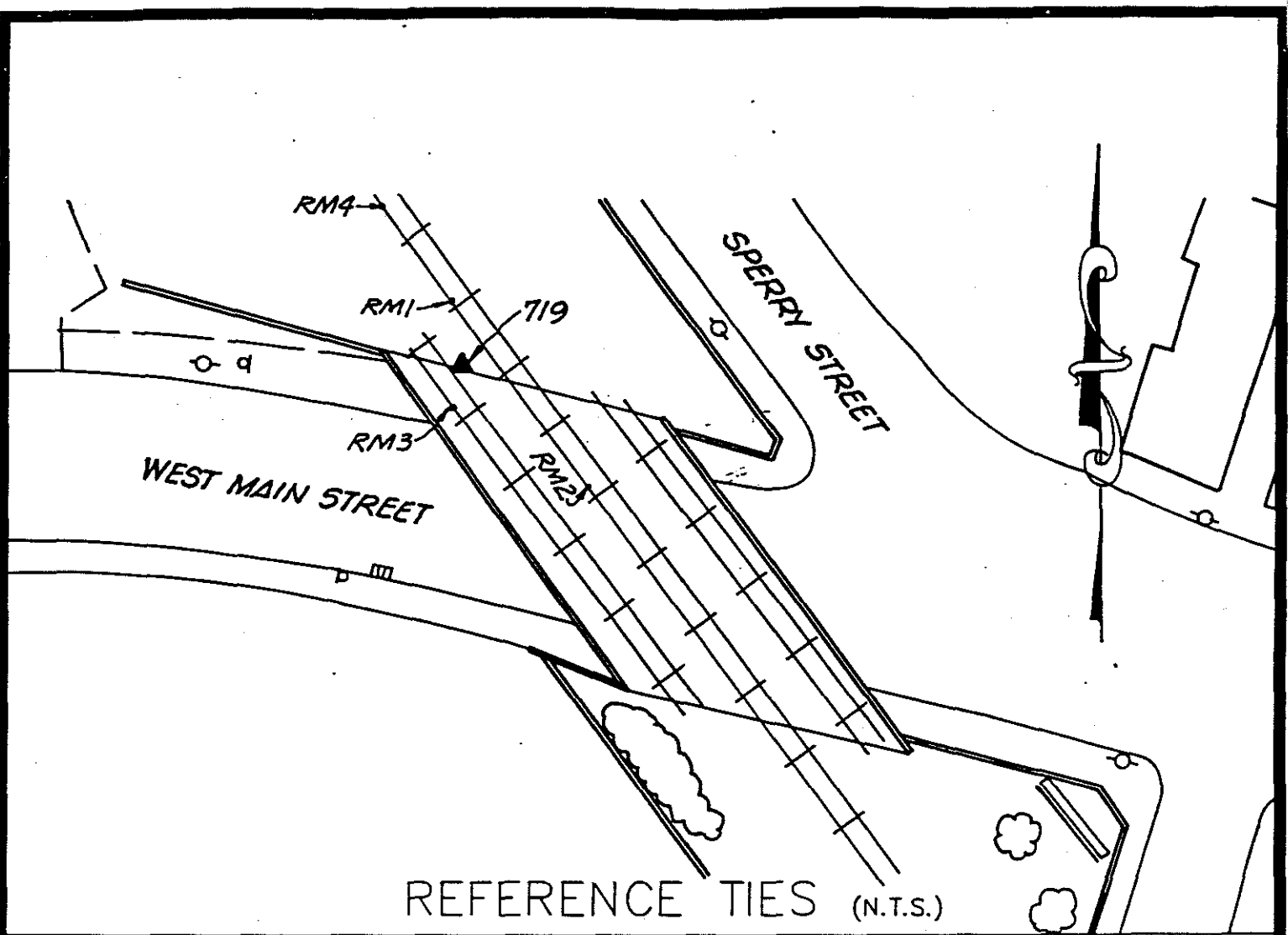
\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-718	1080.700	0°-00'-00"	103°-14'-49.4"
CP-720	615.981	163°-50'-06.6"	267°-04'-56.0"
RM1	16.29	259°-43'-04"	
RM2	43.37	234°-07'-00"	
RM3	12.08	115°-23'-58"	
RM4	42.75	15°-48'-10"	



COMMENTS

STATION #719: SET BRASS DISK ON THE CONCRETE BRIDGE ABUTMENT, 17' EAST OF THE WEST END OF THE BRIDGE BETWEEN TWO RAILROAD TRACKS

RM1: NORTHWEST OF STATION - A PK NAIL IN CENTERLINE OF THE 18TH R.R. TIE NORTH OF THE ABUTMENT

RM2: SOUTHEAST OF STATION - A CHISEL CROSS MARK ON THE NORTHWEST BOLT OF THE BRIDGE PLATE

RM3: SOUTH OF STATION - A CHISEL CROSS MARK ON THE NORTHEAST BOLT OF THE BRIDGE PLATE

RM4: NORTHWEST OF STATION - A PK NAIL IN THE CENTERLINE OF THE 31ST R.R. TIE NORTH OF THE ABUTMENT





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 666-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-720

IN THE TOWN OF  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 764,329.192 FEET  
 E. 917,219.688 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-30.19913"  
 LONG. 73°-03'-08.87387"  
 THETA ANGLE - 0°-12'-02.0"

**TYPE OF MARKER**  
 BRASS DISK

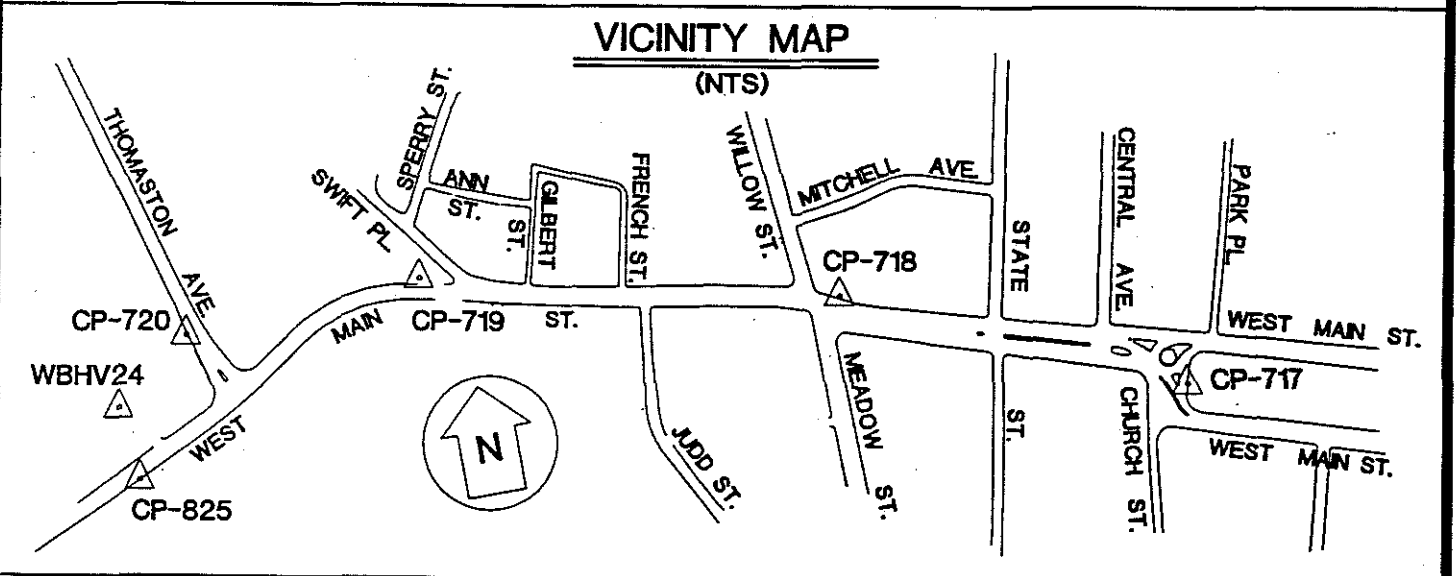
ALSO REFERRED TO AS STATION # \_\_\_\_\_

**ELEVATIONS**

\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

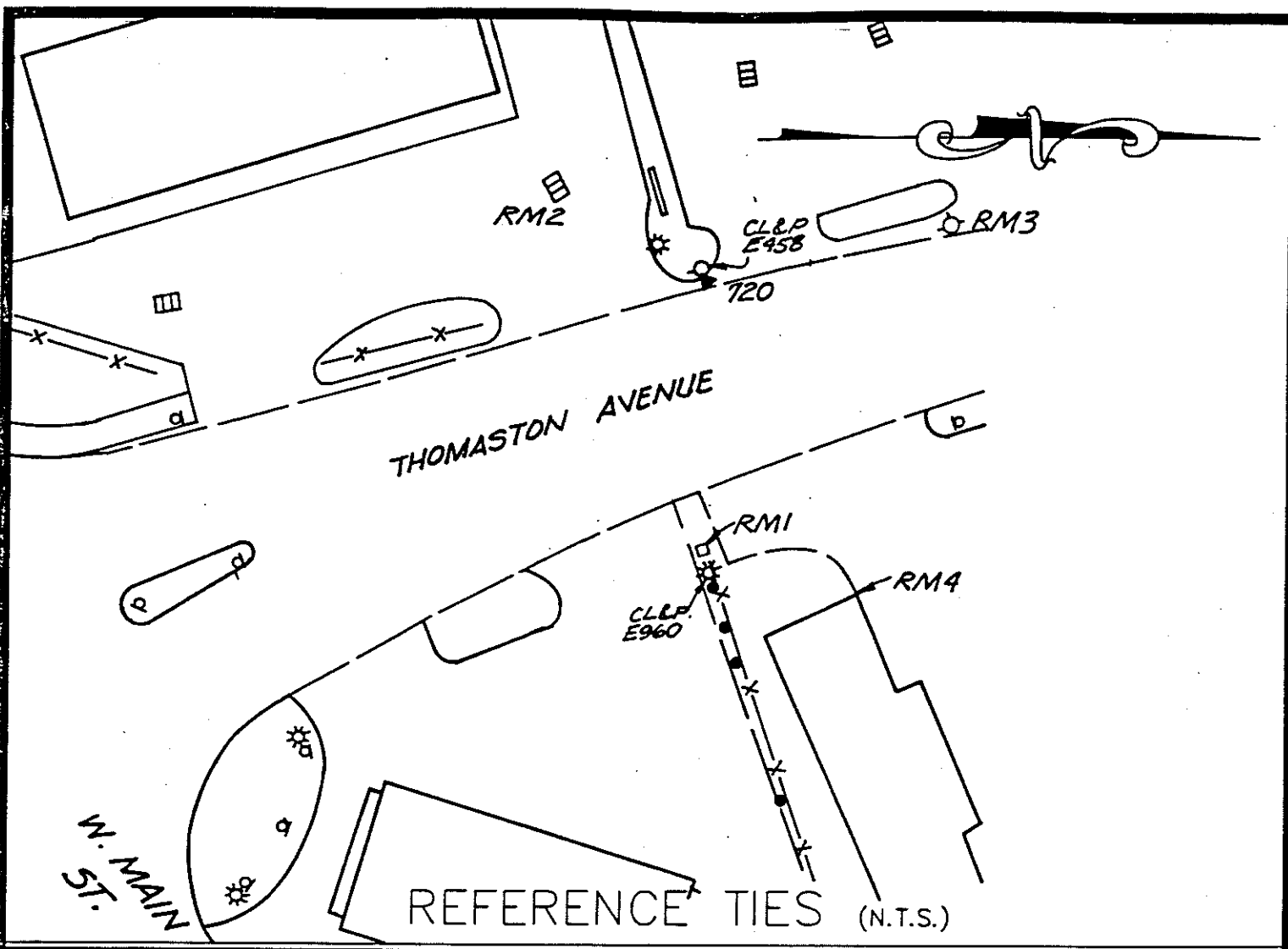
\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-719	615.881	0°-00'-00"	87°-04'-56.0"
WBHV24	257.193	146°-59'-19.9"	234°-04'-15.9"
CP-317	2432.742	257°-52'-29.7"	344°-57'-25.8"
OAKCLIFF	2583.422	283°-28'-17.1"	10°-33'-13.1"
RM1	68.38	356°-38'-25"	
RM2	37.28	125°-33'-25"	
RM3	62.45	256°-23'-48"	
RM4	85.12	335°-15'-28"	

SEE REVERSE SIDE FOR REFERENCE TIES



COMMENTS

STATION #720: SET BRASS DISK IN CONCRETE CURB OPPOSITE CL&P POLE #458 ON THE WEST SIDE OF THOMASTON AVE.

RM1: EAST OF STATION - A CITY GRANITE MONUMENT OPPOSITE CL&P POLE #E960, EAST SIDE OF THOMASTON AVE.

RM2: SOUTHWEST OF STATION - A CHISEL CROSS MARK ON THE NORTHEAST CORNER OF A STEEL FRAME OF A CATCH BASIN

RM3: NORTHWEST OF STATION - A CHISEL CROSS MARK ON THE SOUTH BOLT OF A HYDRANT

RM4: NORTHEAST OF STATION - NORTHWEST CORNER OF BUILDING CORNER 6 BRICKS UP FROM FOUNDATION, EAST SIDE OF THOMASTON AVE.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KITTS LANE NEWINGTON, CT (203) 600-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-800

**IN THE TOWN OF**  
NAUGATUCK

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 747,479.638 FEET

E. 917,718.546 FEET

DATE 8 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-30'-43.74589"

LONG. 73°-03'-01.54130"

THETA ANGLE - 0°-11'-57.1"

**TYPE OF MARKER**  
CITY ROD MON.

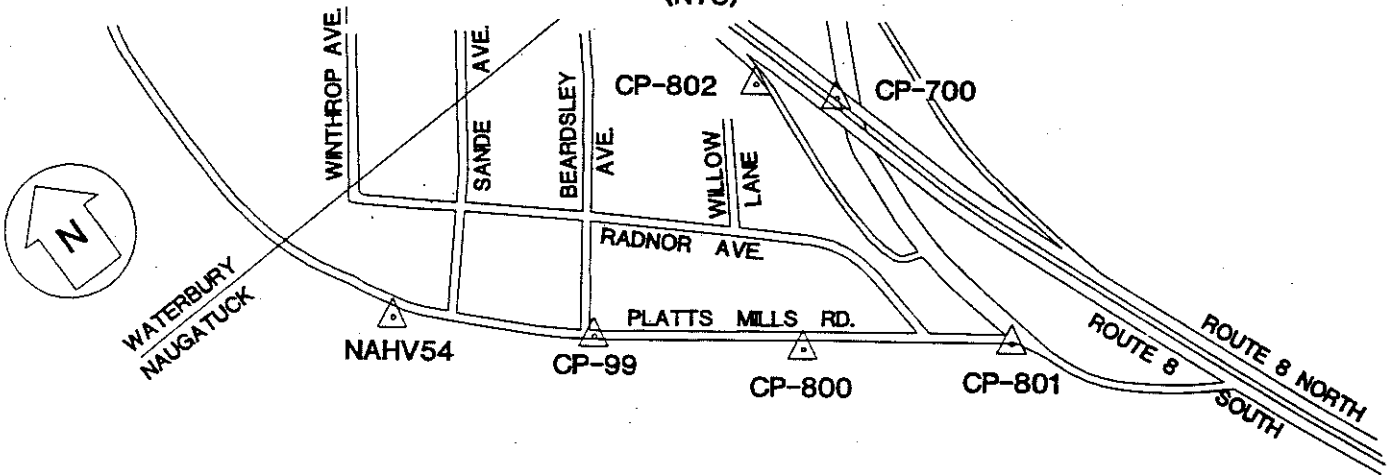
**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

CONDITION OF STATION	BY	DATE

ELEVATIONS
_____ FEET (NAVD 88)
DATE _____
_____ FEET (CITY OF WATERBURY DATUM)
DATE _____

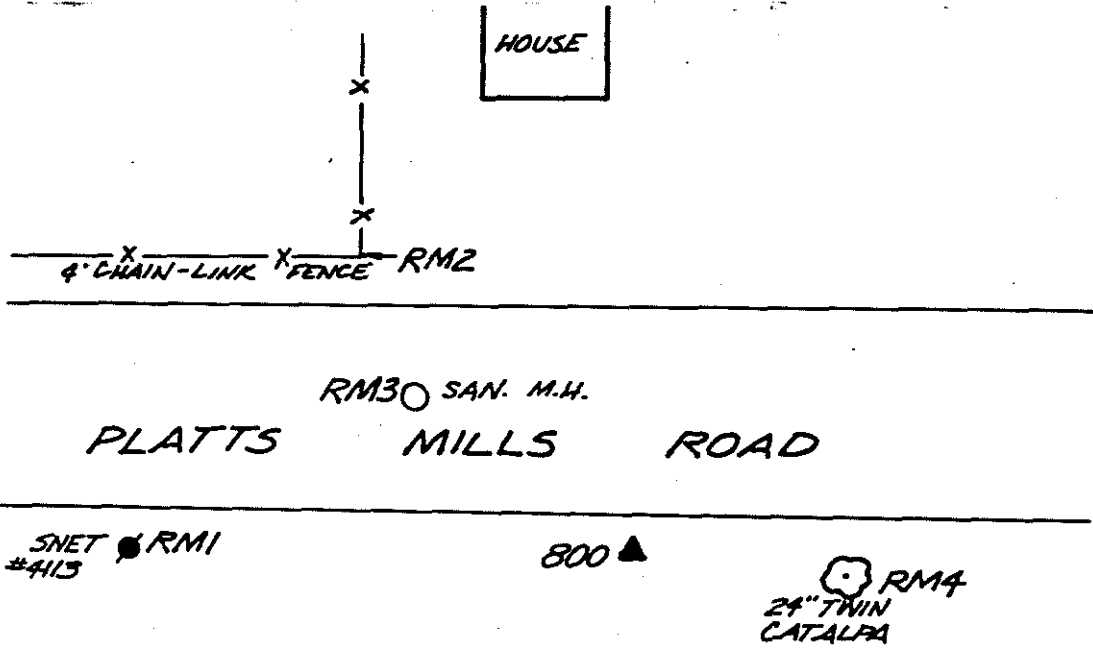
### VICINITY MAP

(NTS)



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-99	535.716	0°-00'-00"	309°-58'-07.3"
CP-801	536.452	174°-49'-19.2"	124°-47'-26.5"
RM1	123.81	358°-32'-56"	
RM2	75.96	33°-51'-17"	
RM3	22.20	15°-44'-52"	
RM4	28.81	198°-23'-48"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

- STATION #800: ROD MONUMENT 1' SOUTH OF SOUTH EDGE OF PLATTS MILLS ROAD
- RM1: WEST OF STATION - PK NAIL IN SNET CO. POLE #4113 ON THE SOUTH SIDE OF PLATTS MILLS ROAD. PK NAIL IS 2' ABOVE THE GROUND
- RM2: NORTHWEST OF STATION - CHISELLED "+" IN 4' CHAIN LINK FENCE CORNER. RM2 IS 1.5' ABOVE THE GROUND
- RM3: WEST OF STATION - CHISELLED "+" IN FRAME OF A SANITARY MANHOLE IN PLATTS MILLS ROAD
- RM4: EAST OF STATION - DOUBLE HEADED NAIL IN 24" TWIN CATALPA TREE ON THE SOUTH SIDE OF PLATTS MILLS ROAD



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-801

**IN THE TOWN OF**  
NAUGATUCK

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 747,173.547 FEET

E. 918,159.103 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-30'-40.73687"

LONG. 73°-02'-55.73656"

THETA ANGLE - 0°-11'-53.3"

**TYPE OF MARKER**  
BRASS DISK

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

**ELEVATIONS**

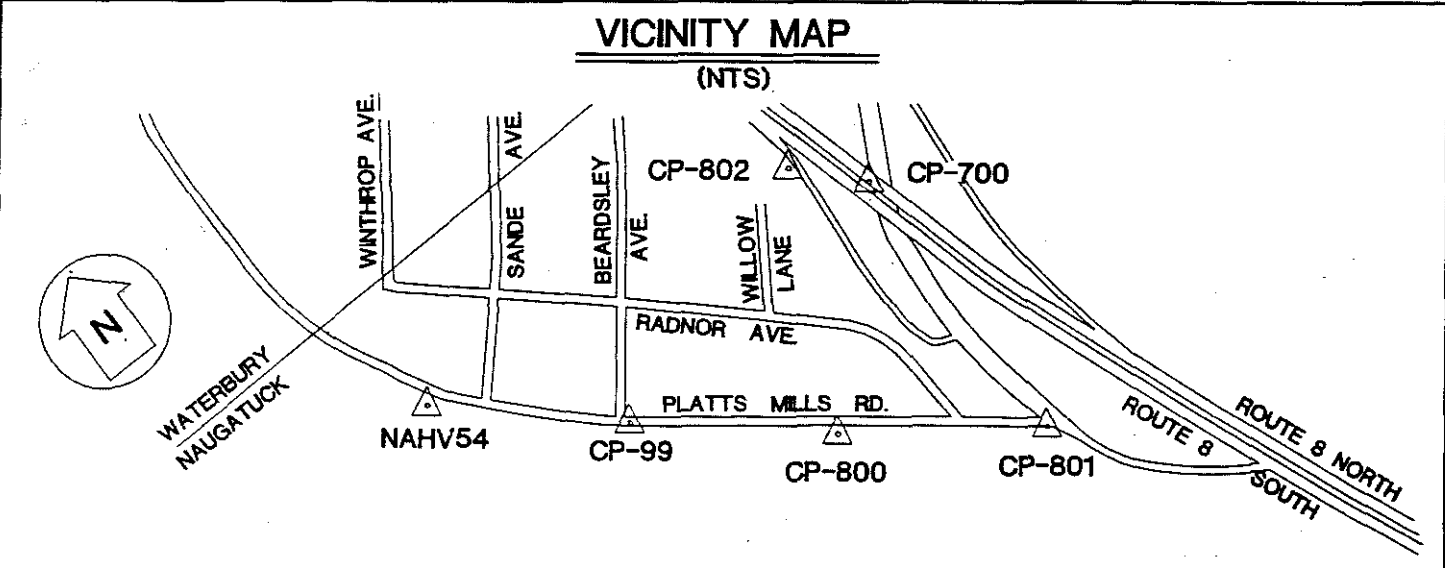
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

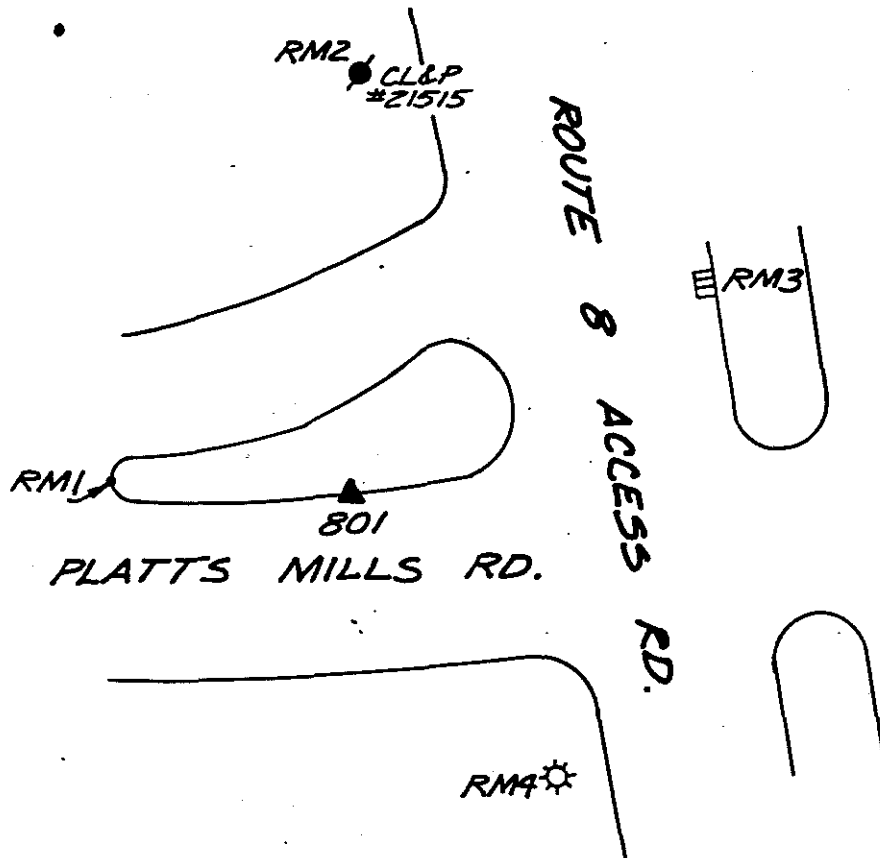
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-800	536.452	0°-00'-00"	304°-47'-26.5"
CP-802	941.221	47°-01'-40.0"	351°-49'-06.5"
CP-700	778.787	56°-06'-05.0"	00°-53'-31.5"
RM1	49.78	348°-56'-20"	
RM2	120.09	54°-06'-56"	
RM3	96.81	88°-21'-59"	
RM4	125.58	179°-24'-32"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #801: BRASS DISK IN CONCRETE CURB ON THE SOUTH SIDE OF THE ISLAND IN PLATT'S MILLS ROAD

RM1: WEST OF STATION - A 3/8" DRILL HOLE IN THE CONCRETE CURB OF WESTERN MOST TIP OF ISLAND

RM2: NORTH OF STATION - PK NAIL IN CL&P POLE #21515 ON NORTH SIDE OF PLATT'S MILLS ROAD. PK NAIL IS 2' ABOVE THE GROUND

RM3: EAST OF STATION - A 3/8" DRILL HOLE IN THE CONCRETE CURB OF A CATCH BASIN ON THE WEST SIDE OF ISLAND IN ROUTE 8 ACCESS ROAD

RM4: SOUTH OF STATION - CHISELLED "+" IN BOLT OF LIGHT STANDARD BASE ON THE SOUTH SIDE OF PLATT'S MILLS ROAD



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-802

IN THE TOWN OF  
 NAUGATUCK

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 748,105.188 FEET  
 E. 918,025.158 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-30'-49.83676"  
 LONG. 73°-02'-57.53958"  
 THETA ANGLE - 0°-11'-54.5"

TYPE OF MARKER  
 CDOT MON.

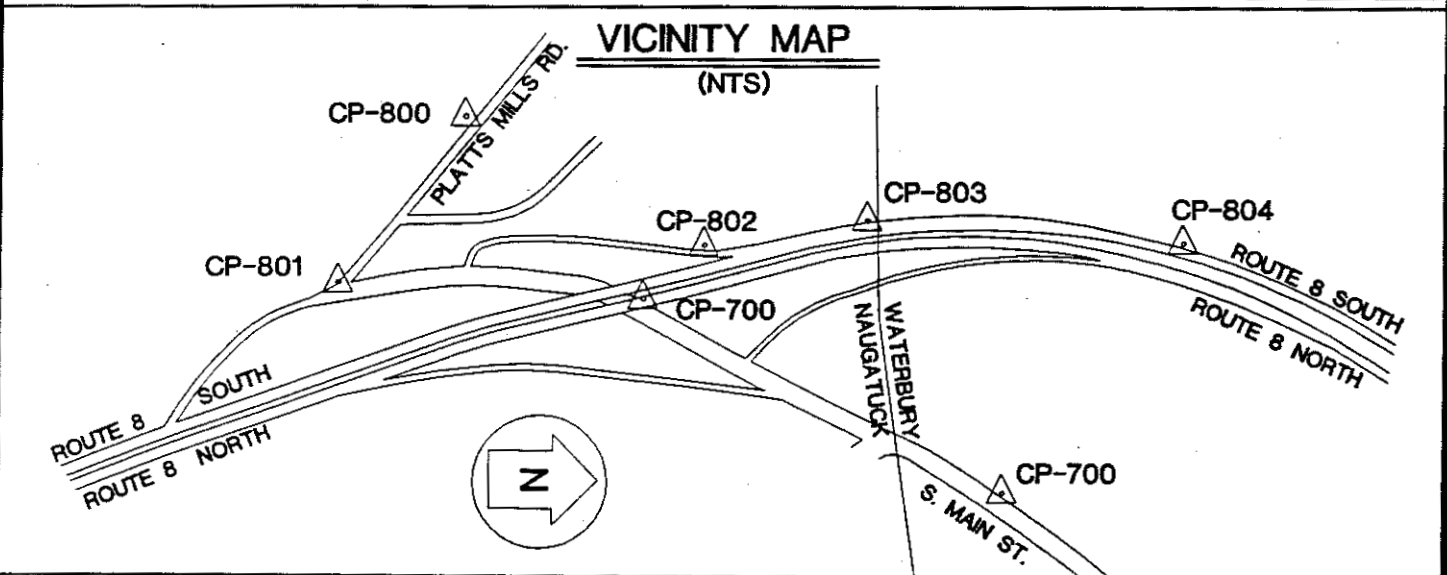
ALSO REFERRED TO AS STATION #  
 RAN C3933

**ELEVATIONS**

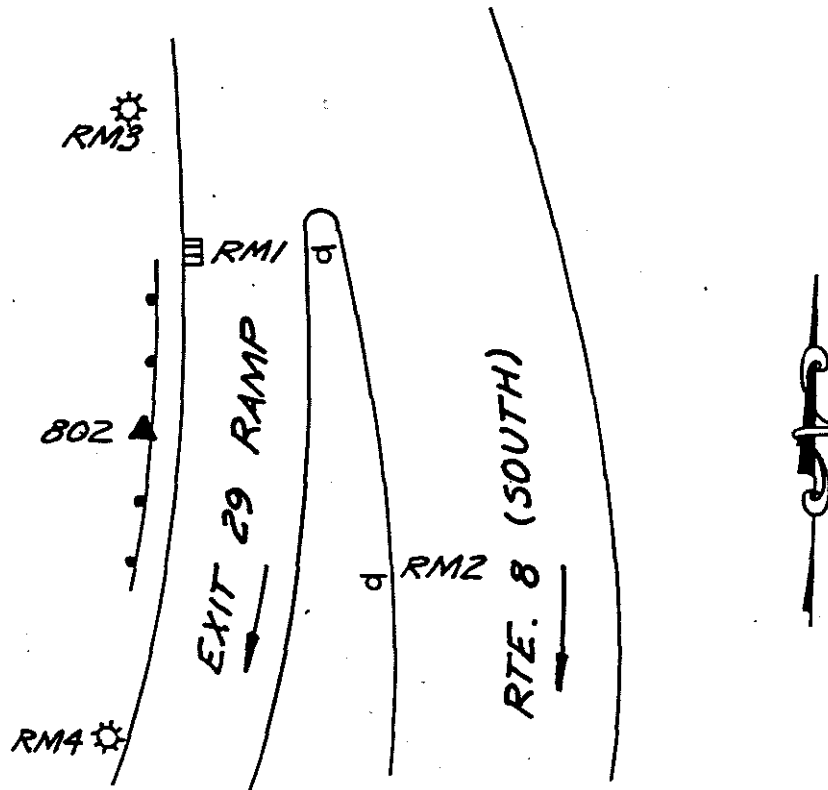
\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-801	941.221	0°-00'-00"	171°-49'-06.5"
CP-803	429.119	177°-29'-22.4"	349°-18'-28.9"
RM1	50.68	189°-58'-10"	
RM2	113.09	330°-35'-05"	
RM3	99.83	181°-45'-24"	
RM4	124.53	10°-02'-58"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #802: CONNECTICUT D.O.T. RANDOM MONUMENT ON THE WEST SIDE OF ROUTE 8 SOUTHBOUND EXIT RAMP (EXIT 29). MONUMENT IS 55' SOUTH OF 25 M.P.H. EXIT RAMP SIGN. MONUMENT IS ALSO KNOWN AS RAN C3933

RM1: NORTH OF STATION - A 3/8" DRILL HOLE IN CATCH BASIN ON THE WEST SIDE OF EXIT 29 OFF RAMP

RM2: SOUTHEAST OF STATION - A 3/8" DRILL HOLE IN EAST EXIT 28 SIGN BASE ON THE WEST SIDE OF ROUTE 8 SOUTHBOUND

RM3: NORTH OF STATION - A 3/8" DRILL HOLE IN THE SOUTHEAST CORNER OF CONCRETE LIGHT STANDARD BASE ON THE WEST SIDE OF EXIT 29 OFF RAMP

RM4: SOUTH OF STATION - A 3/8" DRILL HOLE IN THE NORTHWEST CORNER OF CONCRETE LIGHT STANDARD BASE ON THE WEST SIDE OF THE EXIT 29 OFF RAMP





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 668-034

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-803

IN THE TOWN OF  
NAUGATUCK

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 748,526.857 FEET

E. 917,945.544 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-30'-54.10006"

LONG. 73°-02'-58.60529"

THETA ANGLE - 0°-11'-55.2"

TYPE OF MARKER  
CDOT MON.

ALSO REFERRED TO AS STATION #  
RAN C3932

**ELEVATIONS**

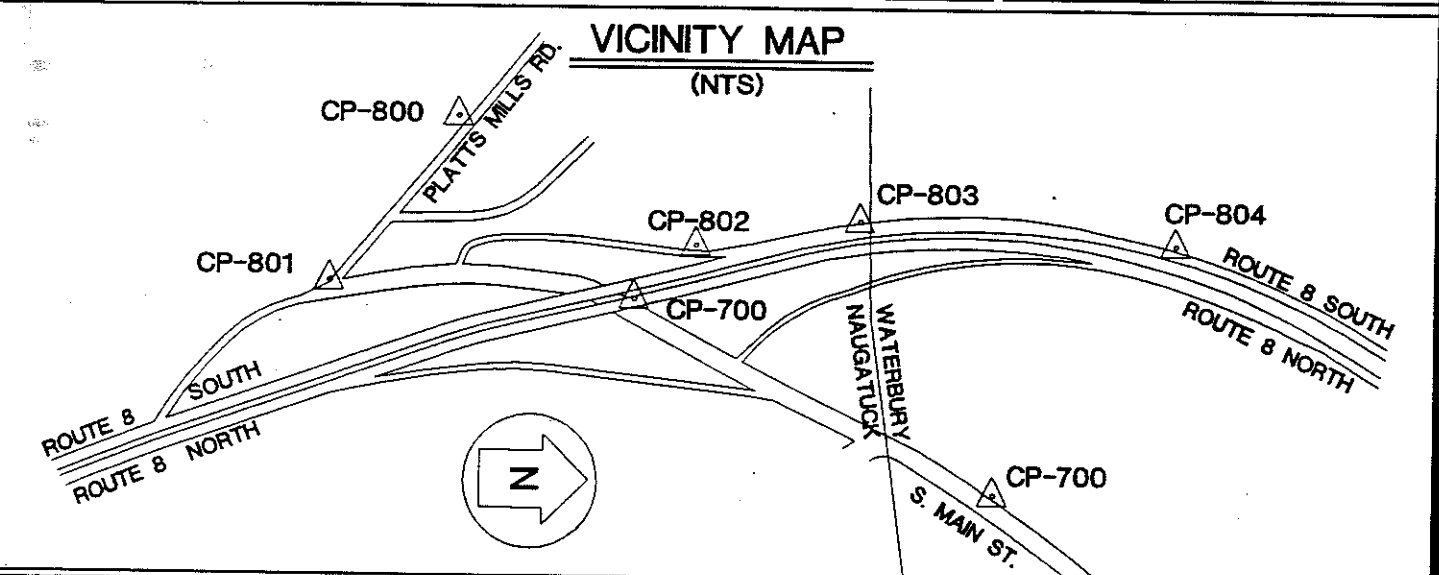
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

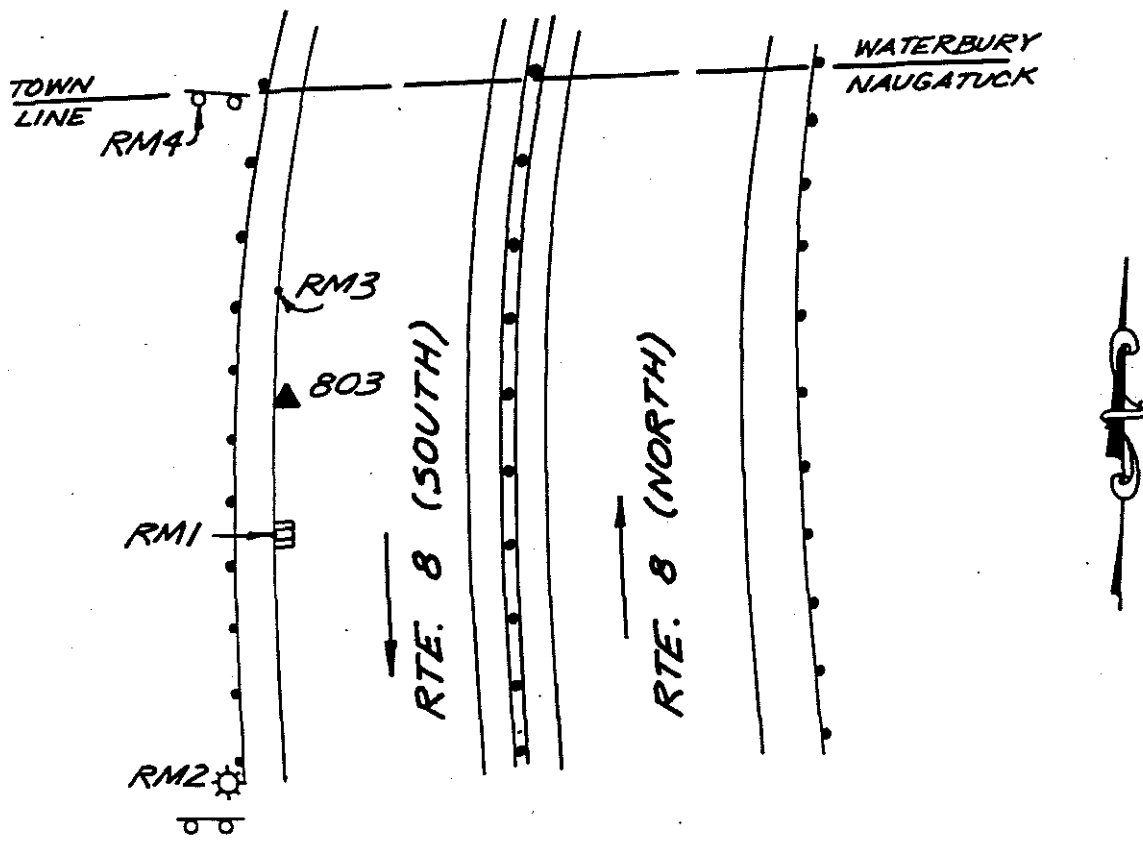
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-802	429.119	0°-00'-00"	169°-18'-28.9"
CP-804	813.925	192°-29'-50.1"	01°-48'-19.0"
RM1	27.62	08°-57'-22"	
RM2	102.71	02°-42'-37"	
RM3	14.02	163°-52'-45"	
RM4	41.62	152°-17'-08"	



REFERENCE TIES (N.T.S.)

COMMENTS

- STATION #803: CONNECTICUT D.O.T. RANDOM MONUMENT ON THE WEST SIDE OF ROUTE 8 SOUTHBOUND. MONUMENT IS 135' NORTH OF PLATTS MILLS ROAD OVERHEAD SIGN. MONUMENT IS ALSO KNOWN AS RAN C3932
- RM1: SOUTH OF STATION - A 3/8" DRILL HOLE IN TOP OF CONCRETE CURB AT CATCH BASIN ON THE WEST SIDE OF ROUTE 8 SOUTHBOUND
- RM2: SOUTH OF STATION - A 3/8" DRILL HOLE IN NORTHEAST CORNER OF CONCRETE LIGHT STANDARD BASE ON WEST SIDE OF ROUTE 8 SOUTHBOUND
- RM3: NORTH OF STATION - A 3/8" DRILL HOLE IN GRANITE CURB ON THE WEST SIDE OF ROUTE 8 SOUTHBOUND
- RM4: NORTHWEST OF STATION - A 3/8" DRILL HOLE IN WEST POST OF TOWN LINE SIGN BASE ON THE WEST SIDE OF ROUTE 8 SOUTHBOUND



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 888-0234

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-804

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 749,340.378 FEET

E. 817,971.185 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-31'-02.13840"

LONG. 73°-02'-58.30532"

THETA ANGLE - 0°-11'-55.0"

**TYPE OF MARKER**  
CDOT MON.

**ALSO REFERRED TO AS STATION #**  
RAN C1632

**ELEVATIONS**

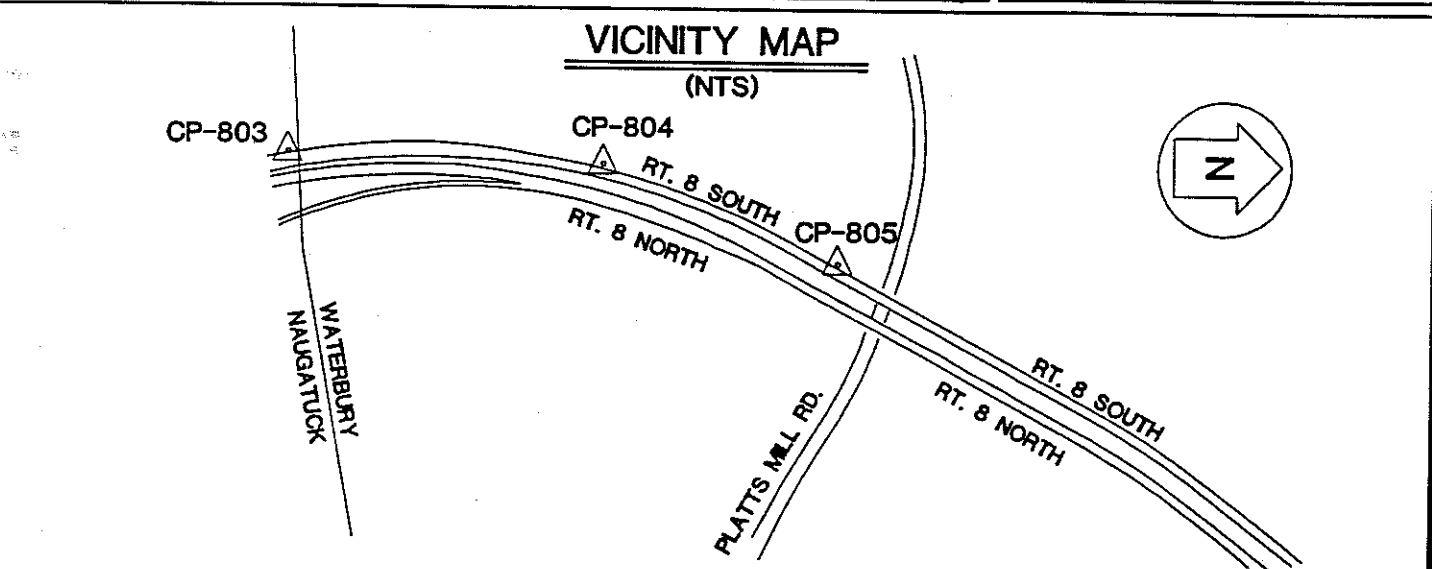
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

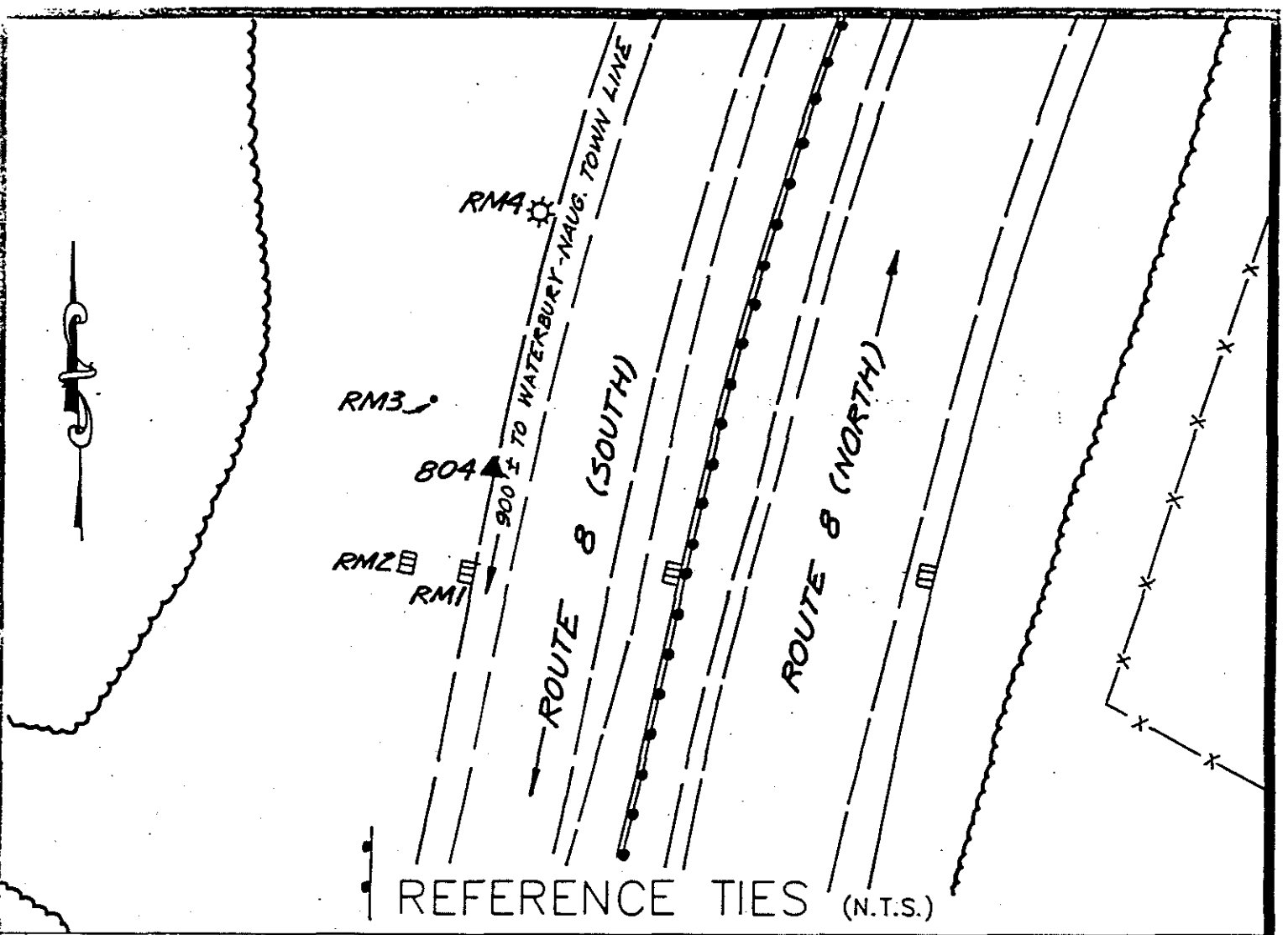
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-803	813.925	0°-00'-00"	181°-48'-19.0"
CP-805	658.156	200°-47'-55.6"	22°-36'-14.6"
RM1	23.65	06°-03'-49"	
RM2	25.54	37°-48'-51"	
RM3	21.48	139°-32'-49"	
RM4	63.23	192°-06'-36"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #804: CONN. D.O.T. MONUMENT ON THE WEST SIDE OF RTE. #8, SOUTHBOUND

RM1: SOUTH OF STATION - A 3/8" DRILL HOLE IN THE CATCH BASIN, 11'± WEST OF RTE. #8, SOUTHBOUND EDGE OF BIT.

RM2: SOUTHWEST OF STATION - A 3/8" DRILL HOLE IN THE NORTHWEST CORNER OF THE TOP OF CONCRETE OF A CATCH BASIN, WEST OF RTE. #8 SOUTHBOUND

RM3: NORTHWEST OF STATION - A 3/8" DRILL HOLE IN ROCK, 18'± WEST OF RTE. #8, SOUTHBOUND EDGE OF BIT.

RM4: NORTH OF STATION - A 3/8" DRILL HOLE IN THE SOUTHEAST CORNER OF A CONCRETE LIGHT BASE, ON THE WEST SIDE OF RTE. #8 SOUTHBOUND



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KITTS LANE NEWINGTON, CT 0203 866-0734

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-805

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 749,947.976 FEET

E. 918,224.154 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-31'-08.15002"

LONG. 73°-02'-55.00755"

THETA ANGLE - 0°-11'-52.8"

**TYPE OF MARKER**  
CDOT MON

**ALSO REFERRED TO AS STATION #**  
RAN C1633

**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

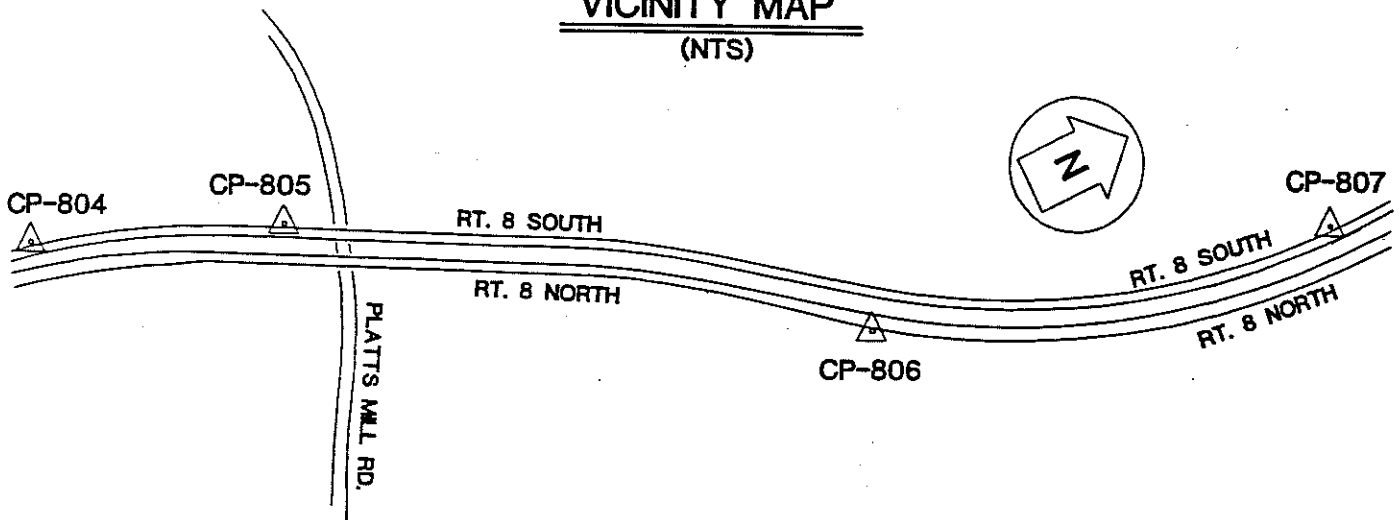
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

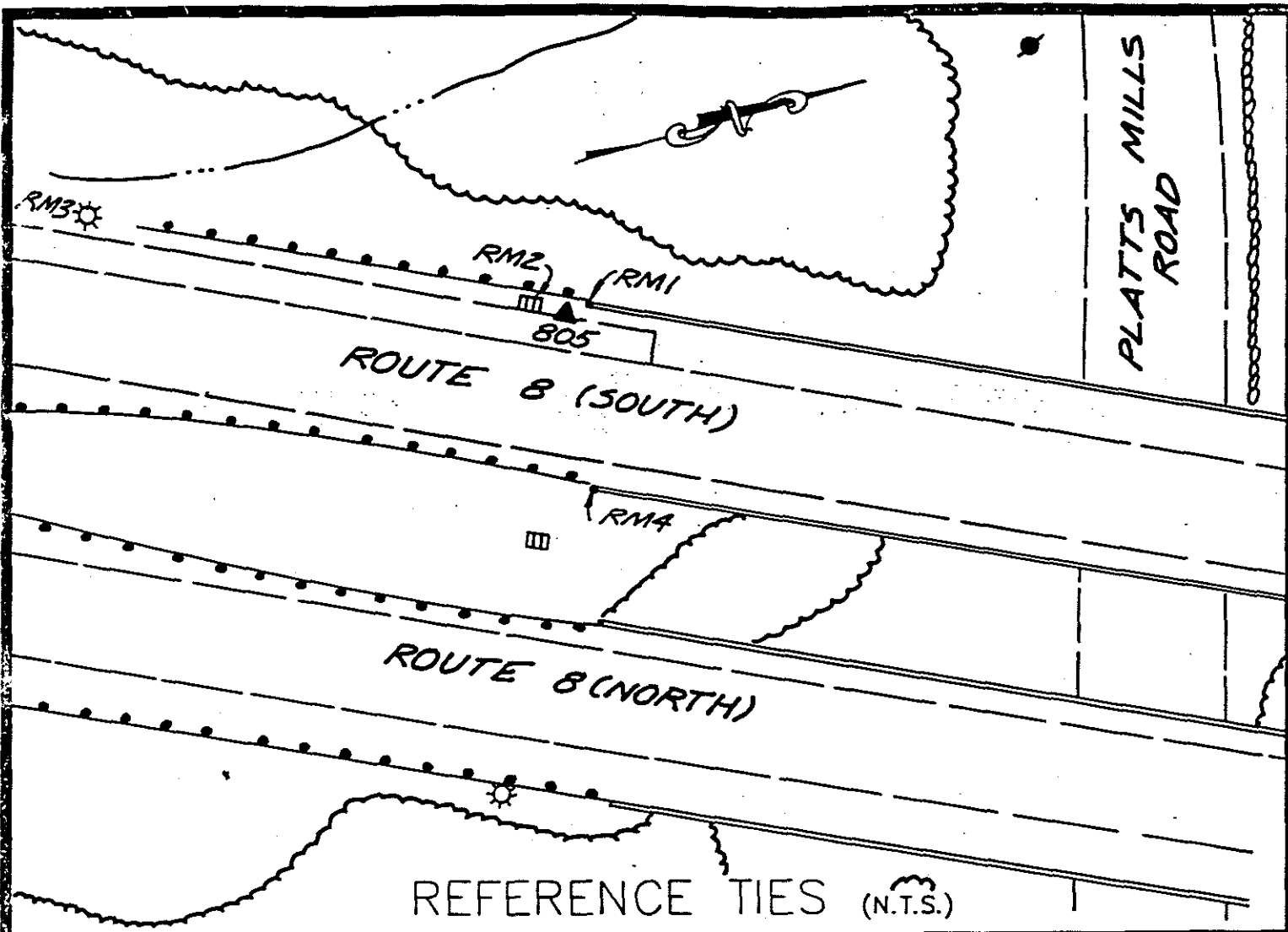
CONDITION OF STATION	BY	DATE

**VICINITY MAP**  
(NTS)



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-804	658.156	0°-00'-00"	202°-36'-14.6"
CP-806	1540.354	194°-13'-17.9"	36°-49'-32.4"
RM1	5.91	178°-11'-43"	
RM2	6.98	02°-57'-18"	
RM3	115.11	07°-44'-28"	
RM4	44.16	255°-58'-35"	

SEE REVERSE SIDE FOR REFERENCE TIES



COMMENTS

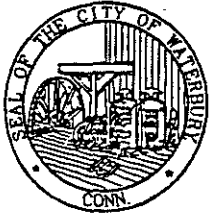
STATION #805: CONN. D.O.T. RANDOM MONUMENT 1'± WEST OF CURB AND 5'± SOUTH OF SOUTH BRIDGE ABUTMENT, WEST SIDE OF RTE. #8 SOUTHBOUND

RM1: NORTH OF STATION - A 3/8" DRILL HOLE ON TOP OF BRIDGE ABUTMENT ON THE WEST SIDE OF RTE. #8 SOUTHBOUND, SOUTH SIDE OF THE NAUGATUCK RIVER

RM2: SOUTH OF STATION - A 3/8" DRILL HOLE IN THE TOP OF CONCRETE OF A CATCH BASIN ON THE WEST SIDE OF RTE. #8 ABUTMENT

RM3: SOUTH OF STATION - A 3/8" DRILL HOLE IN THE NORTHWEST CORNER OF A CONCRETE LIGHT STANDARD BASE ON THE WEST SIDE OF RTE. #8 SOUTHBOUND

RM4: NORTHEAST OF STATION - A 3/8" DRILL HOLE ON TOP OF BRIDGE ABUTMENT, EAST SIDE OF RTE. #8 SOUTHBOUND



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

78 KITTS LANE NEWINGTON, CT (203) 888-0134

**STATE PLANE COORDS**  
(NAD '83 PRELIMINARY)

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION**  
(NAD '83 PRELIMINARY)

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-806

IN THE TOWN OF  
WATERBURY

**STATE PLANE COORDS**  
(NAD '83 FINAL)

N. 751180.972 FEET

E. 919147.415 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION**  
(NAD '83 FINAL)

LAT. 41°-31'-20.36317"

LONG. 73°-02'-42.92604"

THETA ANGLE - 0°-11'-44.8"

**TYPE OF MARKER**  
CDOT MON.

ALSO REFERRED TO AS STATION #  
RAN C1648

**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

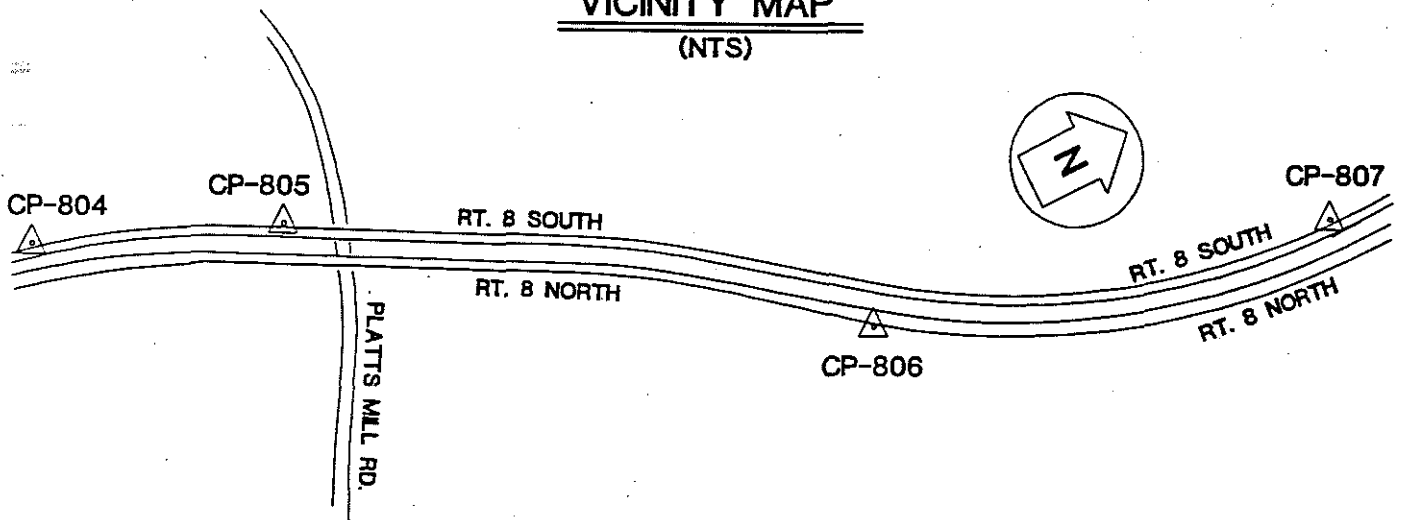
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

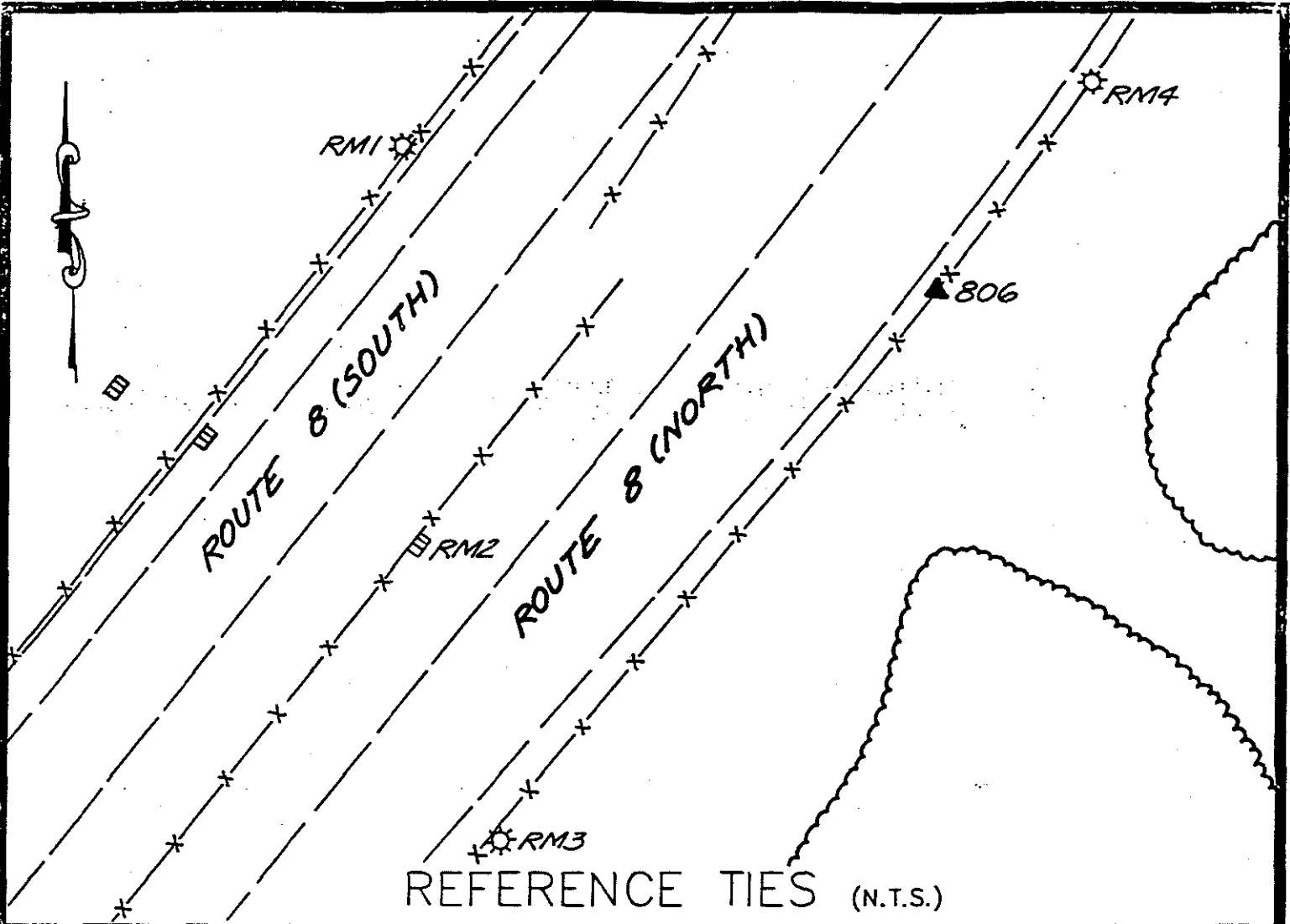
CONDITION OF STATION	BY	DATE

### VICINITY MAP (NTS)



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-805	1540.354	0°-00'-00"	218°-49'-32.4"
CP-807	1209.075	157°-07'-05.2"	13°-56'-37.7"
RM1	134.01	67°-43'-40"	
RM2	142.67	27°-11'-09"	
RM3	169.55	00°-55'-57"	
RM4	60.69	180°-19'-34"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #806: CONN. D.O.T. MONUMENT ON THE EAST SIDE OF RTE. #8, NORTHBOUND 2' ON THE EAST EDGE OF BIT. AND OPPOSITE 'SLOW VEHICLES KEEP RIGHT' SIGN

RM1: NORTHWEST OF STATION - A 3/8" DRILL HOLE IN THE NORTHEAST CORNER OF A CONCRETE LIGHT STANDARD BASE ON THE WEST SIDE OF RTE. #8 SOUTHBOUND

RM2: SOUTHWEST OF STATION - A 3/8" DRILL HOLE IN THE SOUTH SIDE OF A CATCH BASIN BETWEEN RTE. #8 NORTHBOUND AND SOUTHBOUND

RM3: SOUTH OF STATION - A 3/8" DRILL HOLE IN THE NORTHEAST CORNER OF A CONCRETE LIGHT STANDARD BASE EAST SIDE RTE. #8 NORTHBOUND

RM4: NORTH OF STATION - A 3/8" DRILL HOLE IN THE SOUTHEAST CORNER OF A CONCRETE LIGHT STANDARD BASE EAST SIDE RTE. #8 NORTHBOUND





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-807

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 752,354.419 FEET

E. 919,438.766 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-31'-31.96645"

LONG. 73°-02'-39.14835"

THETA ANGLE - 0°-11'-42.3"

**TYPE OF MARKER**  
CDOT MON.

**ALSO REFERRED TO AS STATION #**  
RAN C1636

CONDITION OF STATION	BY	DATE

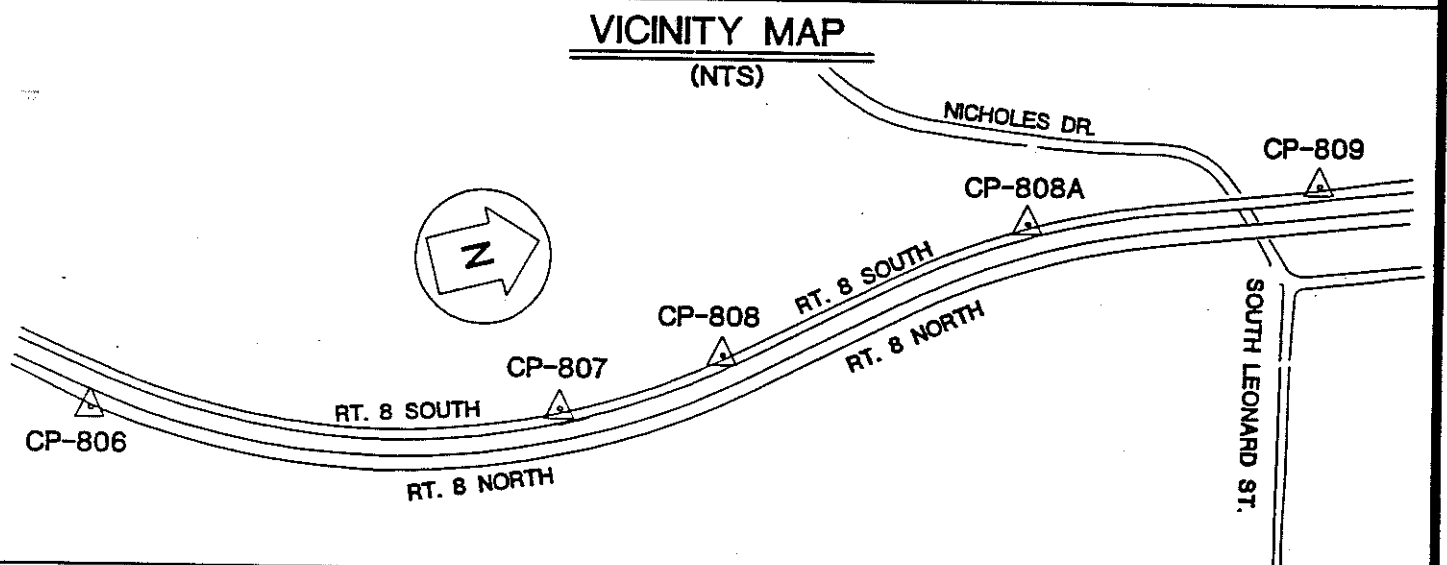
**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

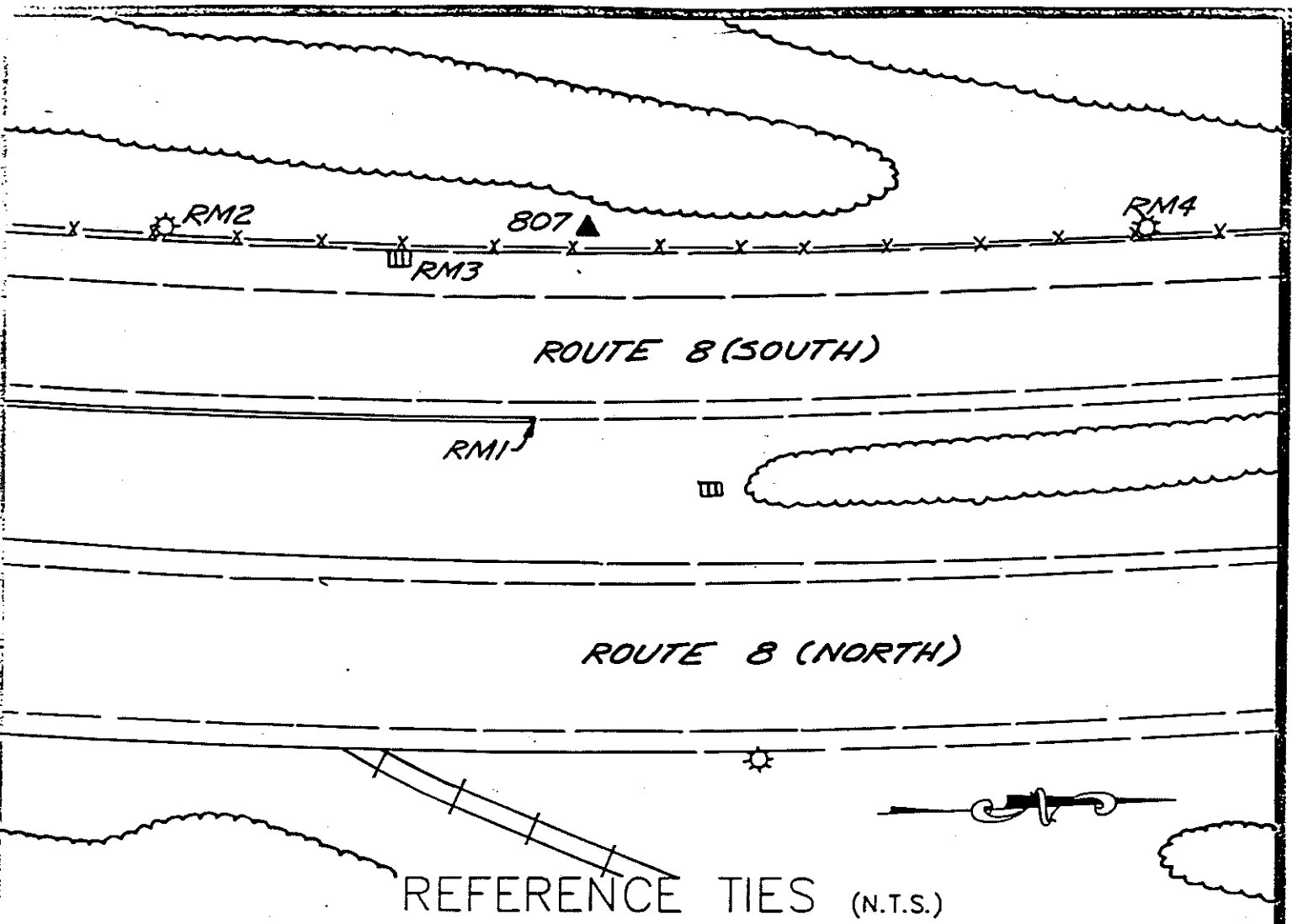
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-806	1209.075	0°-00'-00"	193°-56'-37.7"
CP-808	439.037	181°-48'-08.3"	355°-44'-46.0"
RM1	45.23	276°-42'-29"	
RM2	103.15	349°-47'-21"	
RM3	44.38	345°-47'-13"	
RM4	134.25	165°-24'-48"	

SEE REVERSE SIDE FOR REFERENCE TIES



ROUTE 8 (SOUTH)

ROUTE 8 (NORTH)

REFERENCE TIES (N.T.S.)

COMMENTS

STATION #807: CONN. D.O.T. MONUMENT 133'± NORTH OF NORTHEAST END OF BRIDGE ABUTMENT, WEST SIDE OF RTE. #8 SOUTHBOUND

RM1: EAST OF STATION - A 3/8" DRILL HOLE IN TOP NORTH END OF CONCRETE BRIDGE ABUTMENT ON EAST SIDE OF RTE. #8 SOUTHBOUND

RM2: SOUTH OF STATION - A 3/8" DRILL HOLE IN THE NORTHEAST CORNER OF A CONCRETE LIGHT STANDARD BASE ON THE WEST SIDE RTE. #8 SOUTHBOUND

RM3: SOUTH OF STATION - A 3/8" DRILL HOLE IN THE TOP OF CONCRETE OF A CATCH BASIN ON THE WEST SIDE OF RTE. #8 SOUTHBOUND

RM4: NORTH OF STATION - A 3/8" DRILL HOLE IN THE SOUTHWEST CORNER OF A CONCRETE LIGHT STANDARD BASE ON THE WEST SIDE OF RTE. #8 SOUTHBOUND



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KOTTS LANE NEWINGTON, CT (203) 866-0734

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-808

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 752,792.248 FEET  
 E. 919,406.200 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-31'-36.2910" T  
 LONG. 73°-02'-39.5961" W  
 THETA ANGLE - 0°-11'-42.6"

**TYPE OF MARKER**  
 CDOT MON.

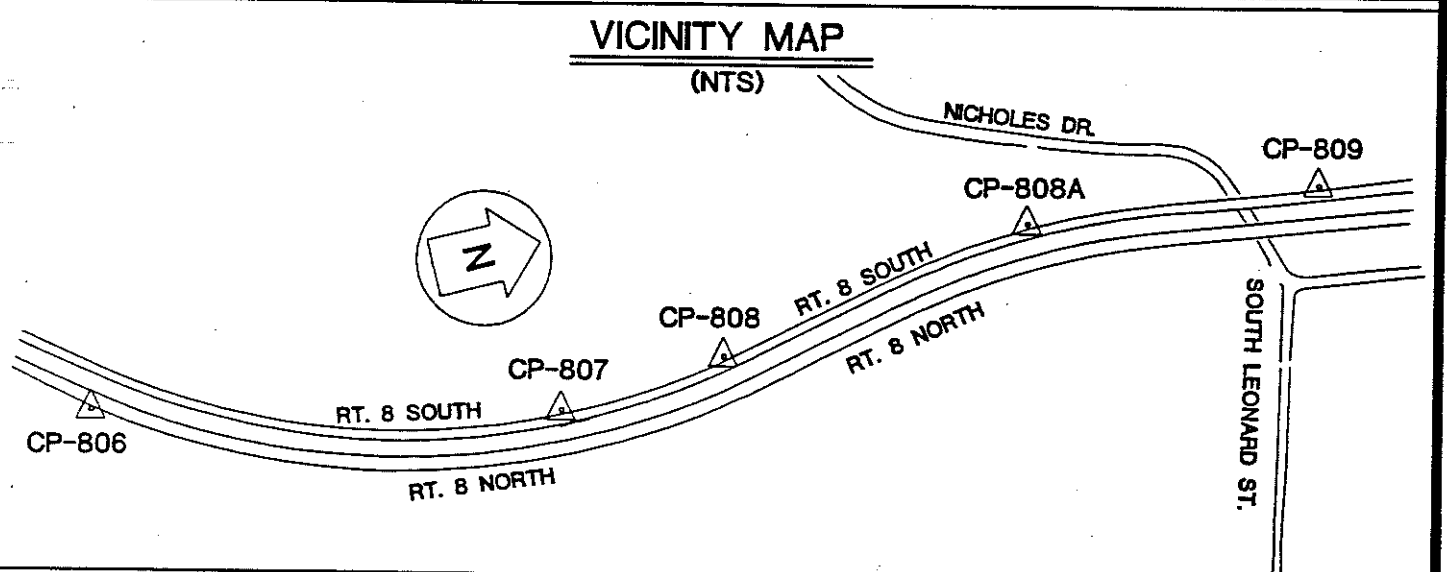
**ALSO REFERRED TO AS STATION #**  
 RAN C1637

**ELEVATIONS**

\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

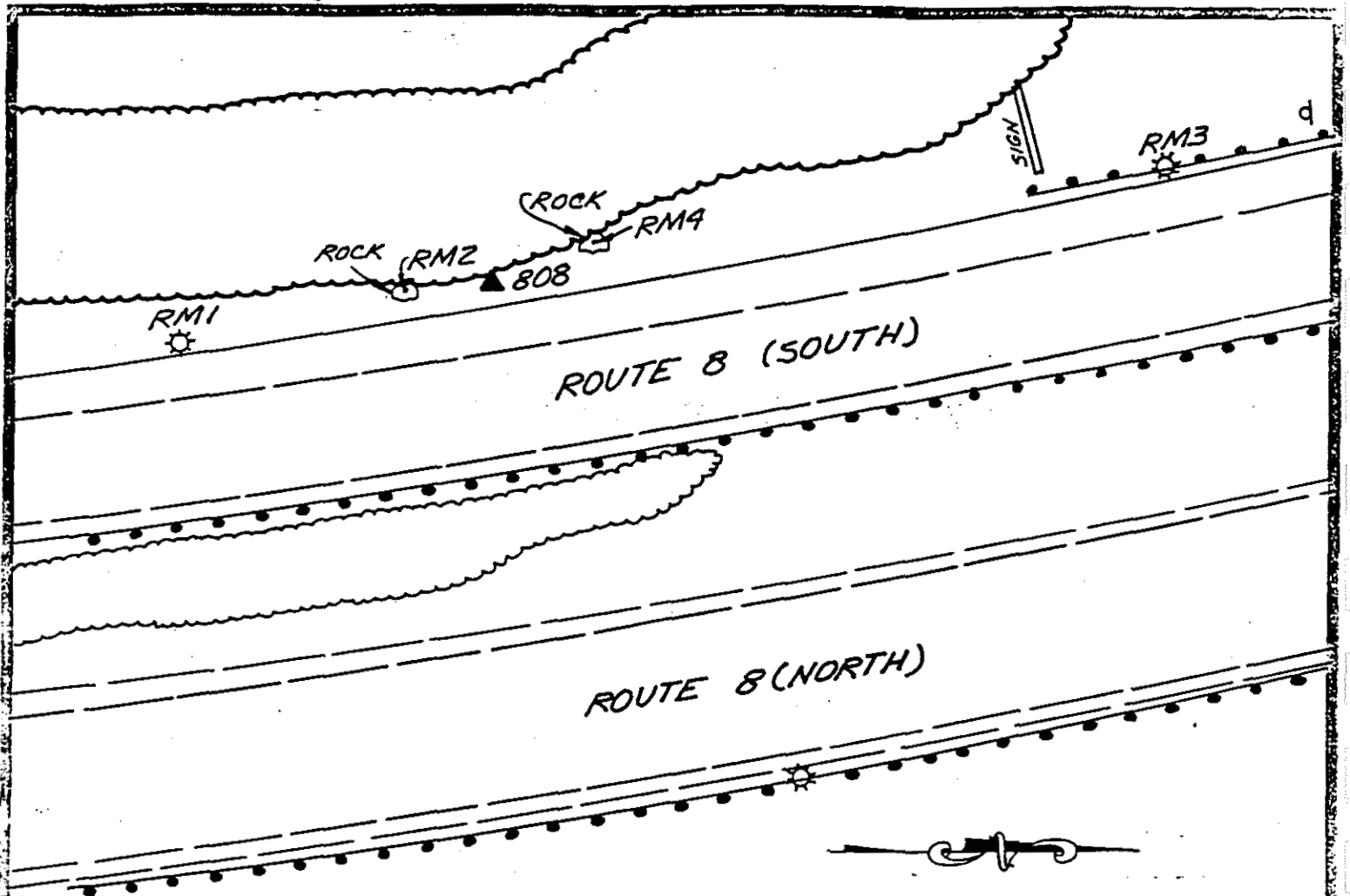
\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-807	439.037	0°-00'-00"	175°-44'-48.0"
CP-808A	851.494	174°-51'-27.5"	350°-36'-13.5"
RM1	72.10	355°-57'-46"	
RM2	20.70	07°-41'-35"	
RM3	27.53	147°-36'-46"	
RM4	159.51	171°-06'-28"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #808: CONN. D.O.T. MONUMENT 2'± WEST OF BIT. CURB AND 190'± SOUTH OF EXIT #29 SIGN

RM1: SOUTH OF STATION - A DRILL HOLE IN A BOLT IN THE NORTHEAST CORNER OF A CONCRETE LIGHT STANDARD BASE

RM2: SOUTH OF STATION - A DRILL HOLE IN A ROCK 6'± WEST OF THE BIT. CURB OF SOUTHBOUND RTE. #8

RM3: NORTH OF STATION - A 3/8" DRILL HOLE IN THE SOUTHWEST CORNER OF A CONCRETE LIGHT STANDARD BASE

RM4: NORTH OF STATION - A 3/8" DRILL HOLE IN A ROCK 10'± WEST OF THE BIT. CURB OF SOUTHBOUND RTE. #8



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS

75 KITT'S LANE NEWINGTON, CT (203) 888-0134

STATE PLANE COORDS (NAD '83 PRELIMINARY)	
N. _____	FEET
E. _____	FEET
DATE _____	

GEOGRAPHIC POSITION (NAD '83 PRELIMINARY)	
LAT. _____	_____
LONG. _____	_____
DATE _____	

STATION #
CP-808A
IN THE TOWN OF WATERBURY

STATE PLANE COORDS (NAD '83 FINAL)	
N. 753,632.315	FEET
E. 919,267.184	FEET
DATE 6 - 15 - 93	

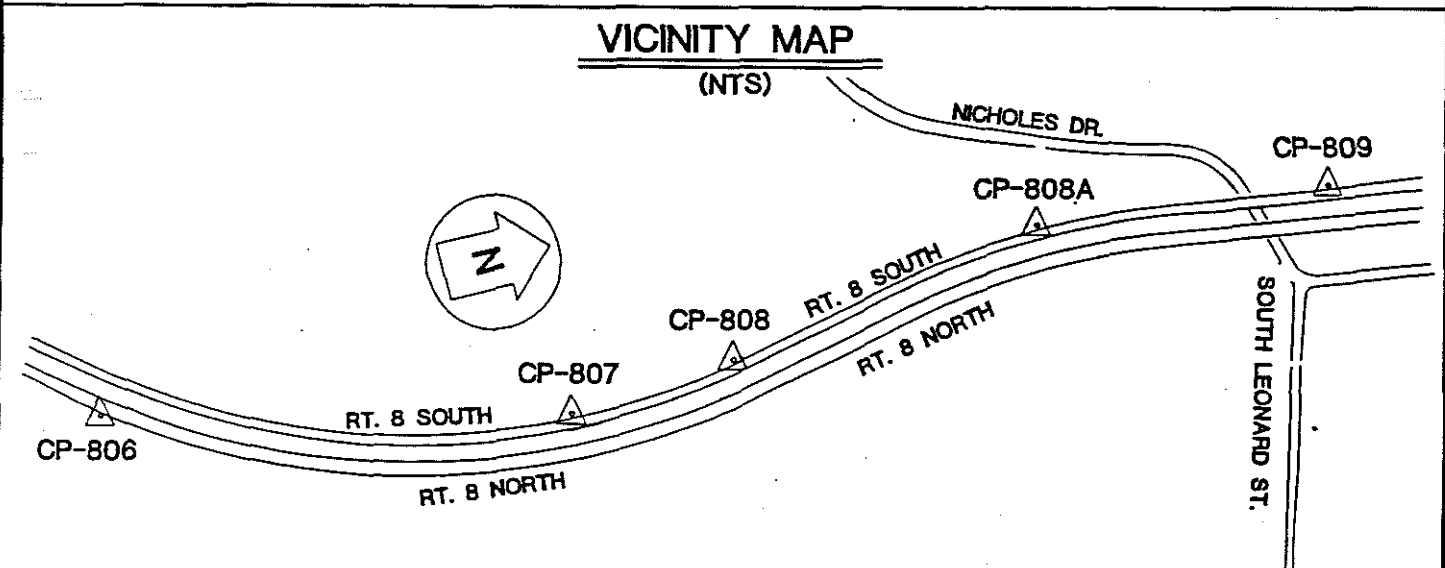
GEOGRAPHIC POSITION (NAD '83 FINAL)	
LAT. 41°-31'-44.58608"	_____
LONG. 73°-02'-41.46147"	_____
THETA ANGLE - 0°-11'-43.8"	

TYPE OF MARKER
CDOT MON.
ALSO REFERRED TO AS STATION #
RAN C1638

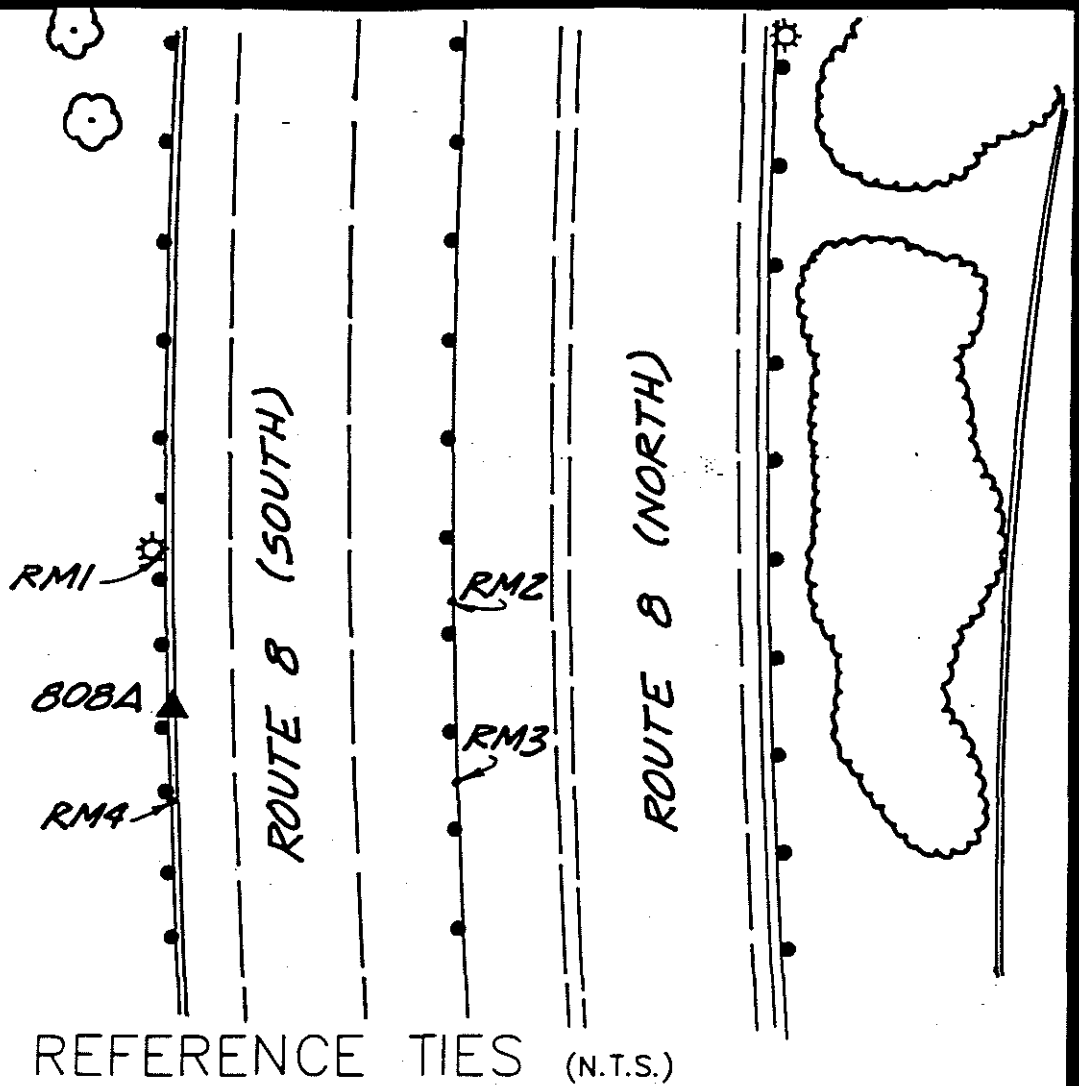
### ELEVATIONS

_____	FEET
(NAVD 88)	
DATE _____	
_____	FEET
(CITY OF WATERBURY DATUM)	
DATE _____	

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-808	851.494	0°-00'-00"	170°-36'-13.5"
CP-809	758.684	195°-55'-58.3"	06°-32'-11.8"
RM1	33.31	184°-32'-49"	
RM2	60.85	281°-03'-33"	
RM3	60.87	296°-50'-40"	
RM4	17.32	13°-26'-21"	



COMMENTS

STATION #808A: A CHD CONCRETE MONUMENT LOCATED ON WEST SIDE OF RTE. #8 SOUTHBOUND.  
 STATION IS 1' WEST OF EDGE OF PAVEMENT, 640' NORTH OF PLATTS MILL ROAD  
 EXIT 29 SIGN AND 212' NORTH OF A LIGHT STANDARD.

RM1: NORTH OF STATION - A CHISEL MARK "+" ON SOUTHEAST CORNER OF CONCRETE LIGHT  
 STANDARD BASE ON WEST SIDE OF RTE. #8 SOUTHBOUND

RM2: NORTHEAST OF STATION - A CHISEL MARK "+" ON I-BEAM GUIDE RAIL IN MEDIAN OF RTE. #8

RM3: SOUTHEAST OF STATION - A CHISEL MARK "+" ON I-BEAM GUIDE RAIL IN MEDIAN OF RTE. #8

RM4: SOUTH OF STATION - A CHISEL MARK "+" ON I-BEAM GUIDE RAIL ON WEST SIDE OF SOUTH-  
 BOUND RTE. #8



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 76 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-809

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 754,386.067 FEET  
 E. 919,353.551 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-31'-52.0359"  
 LONG. 73°-02'-40.3597"  
 THETA ANGLE - 0°-11'-43.1"

**TYPE OF MARKER**  
 CGS MON.

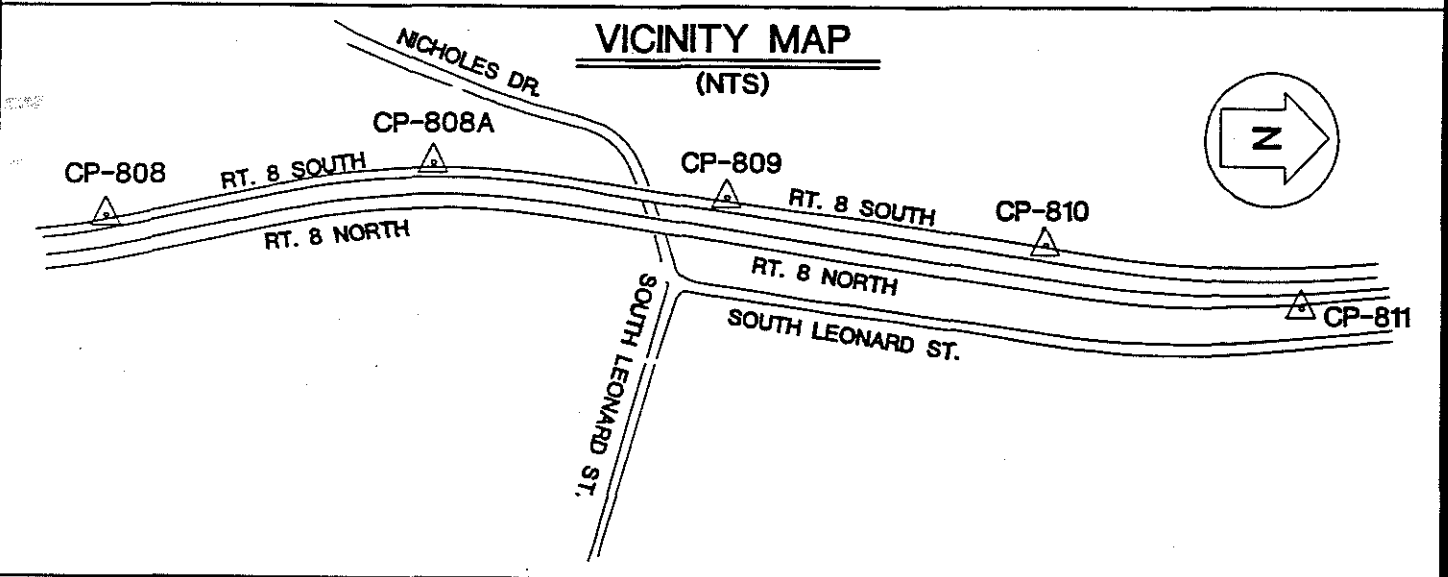
**ALSO REFERRED TO AS STATION #**  
 CTGS 5839 & RAN C1639

CONDITION OF STATION	BY	DATE

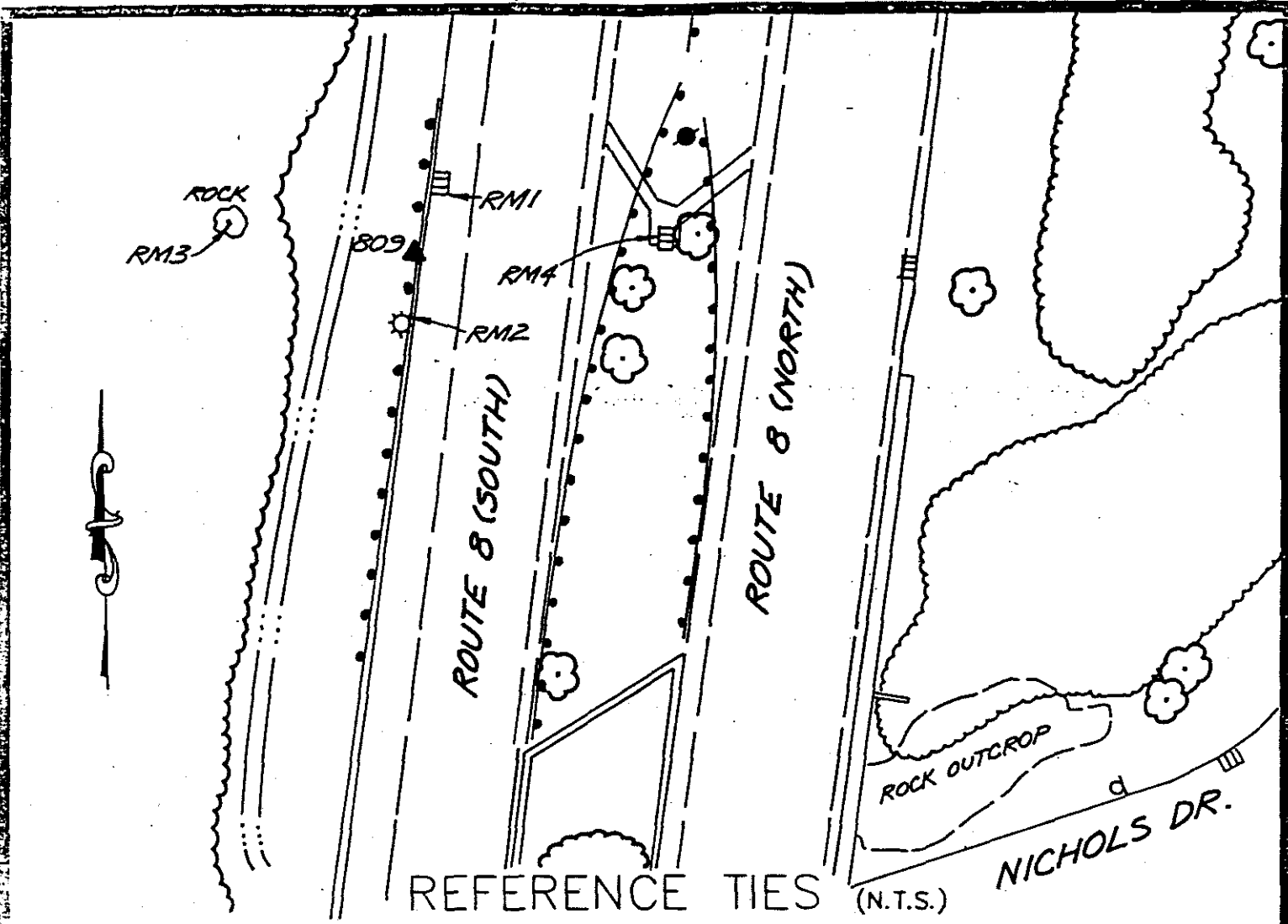
**ELEVATIONS**

\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-808A	758.684	0°-00'-00"	186°-32'-11.8"
CP-810	823.779	181°-47'-30.6"	08°-19'-42.3"
GOLF	8977.917	287°-19'-17.2"	113°-51'-28.9"
RM1	15.19	195°-28'-01"	
RM2	17.13	08°-04'-04"	
RM3	45.89	92°-51'-05"	
RM4	58.37	280°-25'-08"	



COMMENTS

STATION #809: C.G.S. MONUMENT # 5839, 107'± NORTH OF NORTH END OF ABUTMENT OF BRIDGE AND 2'± WEST OF THE BIT. CURB

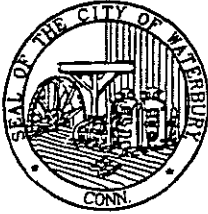
RM1: NORTH OF STATION - A DRILL HOLE IN A BOLT ON THE SOUTHEAST CORNER OF A CATCH BASIN

RM2: SOUTH OF STATION - A DRILL HOLE IN A BOLT ON THE NORTHEAST CORNER OF A CONCRETE LIGHT STANDARD BASE

RM3: WEST OF STATION - A 3/8" DRILL HOLE IN A ROCK AT THE END OF A ROCK WALL

RM4: EAST OF STATION - A 3/8" DRILL HOLE IN THE WEST SIDE OF A CATCH BASIN BETWEEN THE NORTH AND SOUTHBOUND LANES OF RTE. #8





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 866-004

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-810

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 755,201.158 FEET

E. 919,472.873 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-00.09288"

LONG. 73°-02'-38.82734"

THETA ANGLE - 0°-11'-42.1"

**TYPE OF MARKER**  
CDOT MON.

**ALSO REFERRED TO AS STATION #**  
RAN C1640

**ELEVATIONS**

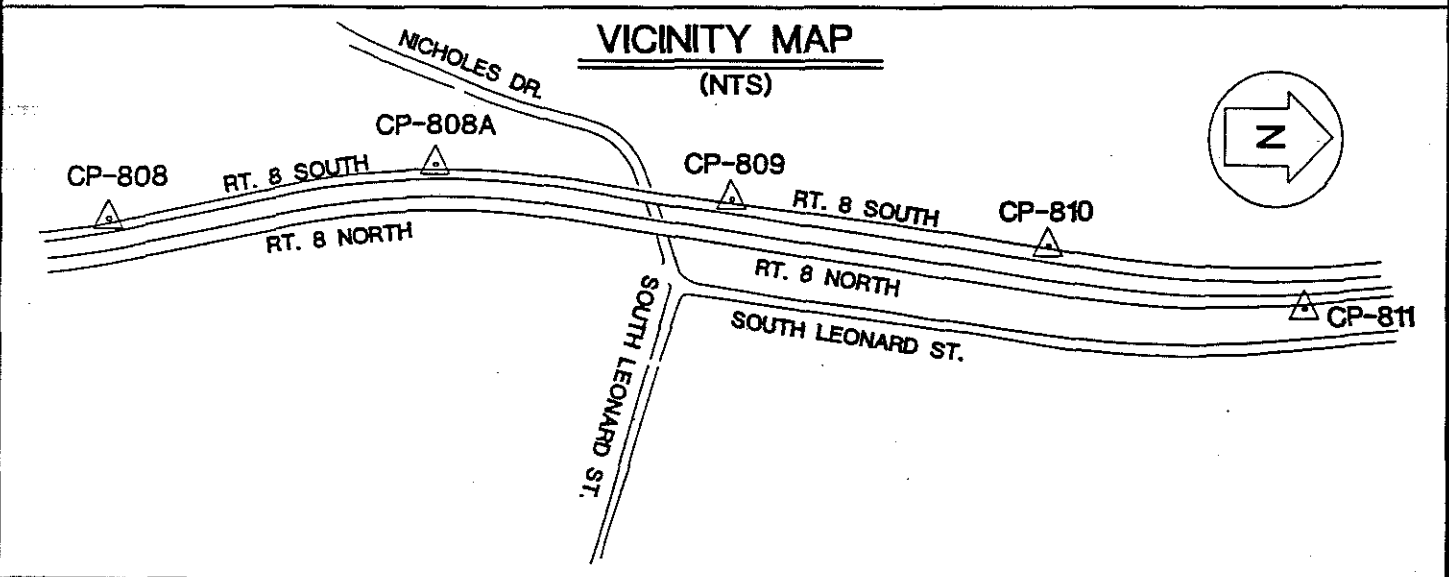
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

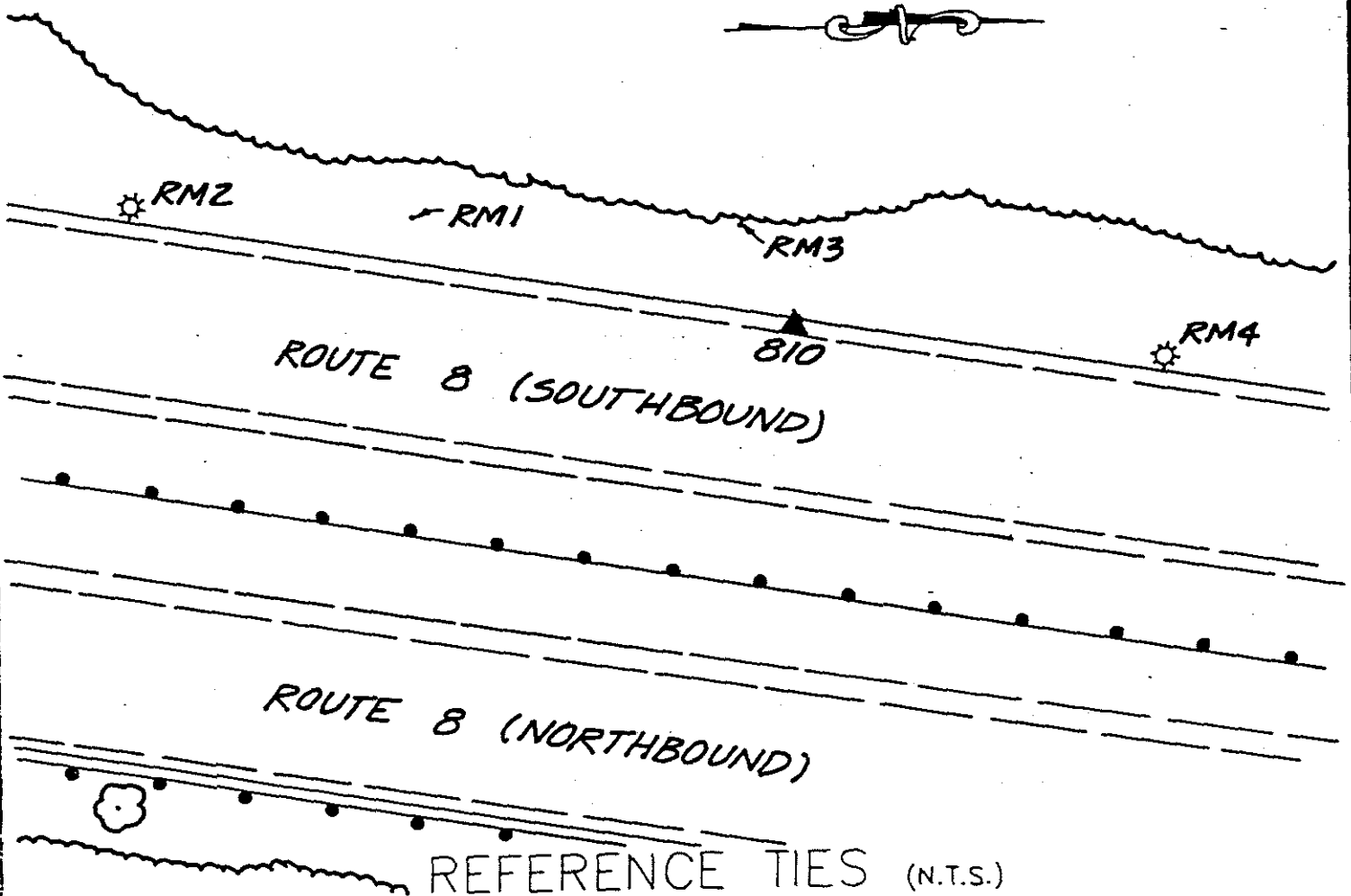
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-809	823.779	0°-00'-00"	188°-19'-42.3"
CP-811	680.887	185°-21'-23.7"	13°-41'-08.1"
RM1	92.15	06°-58'-32"	
RM2	148.22	00°-58'-21"	
RM3	27.10	41°-52'-10"	
RM4	88.45	179°-20'-22"	



COMMENTS

STATION #810: A CONN. D.O.T. MONUMENT ON THE WEST SIDE OF SOUTHBOUND RTE. #8, 2.5'± WEST OF THE BIT. CURB AND 165'± SOUTH OF THE SLOW VEHICLE LANE ENDS SIGN.

RM1: SOUTHWEST OF STATION - A 3/8" DRILL HOLE IN LEDGE 15'± WEST OF BIT. CURB OF SOUTHBOUND LANE OF RTE. #8

RM2: SOUTH OF STATION - A 3/8" DRILL HOLE IN THE WEST SIDE OF A CONCRETE LIGHT STANDARD BASE ON THE WEST SIDE OF SOUTHBOUND RTE. #8

RM3: WEST OF STATION - A 3/8" DRILL HOLE IN A ROCK 20'± WEST OF THE BIT. CURB OF THE SOUTHBOUND LANE OF RTE. #8

RM4: NORTH OF STATION - A 3/8" DRILL HOLE IN THE SOUTHWEST CORNER OF A CONCRETE LIGHT STANDARD BASE ON THE WEST SIDE OF SOUTHBOUND RTE. #8



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-811

IN THE TOWN OF  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 755,862.715 FEET

E. 919,633.960 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-06.63435"

LONG. 73°-02'-36.73882"

THETA ANGLE - 0°-11'-40.7"

**TYPE OF MARKER**  
CDOT MON.

ALSO REFERRED TO AS STATION #  
RAN C1655

**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

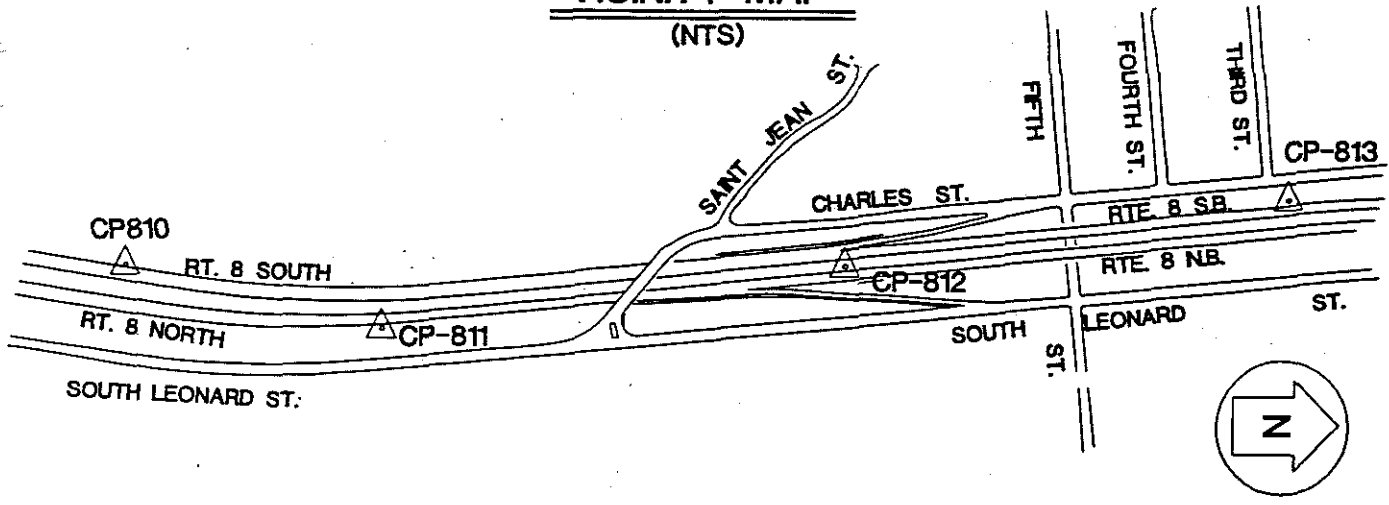
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

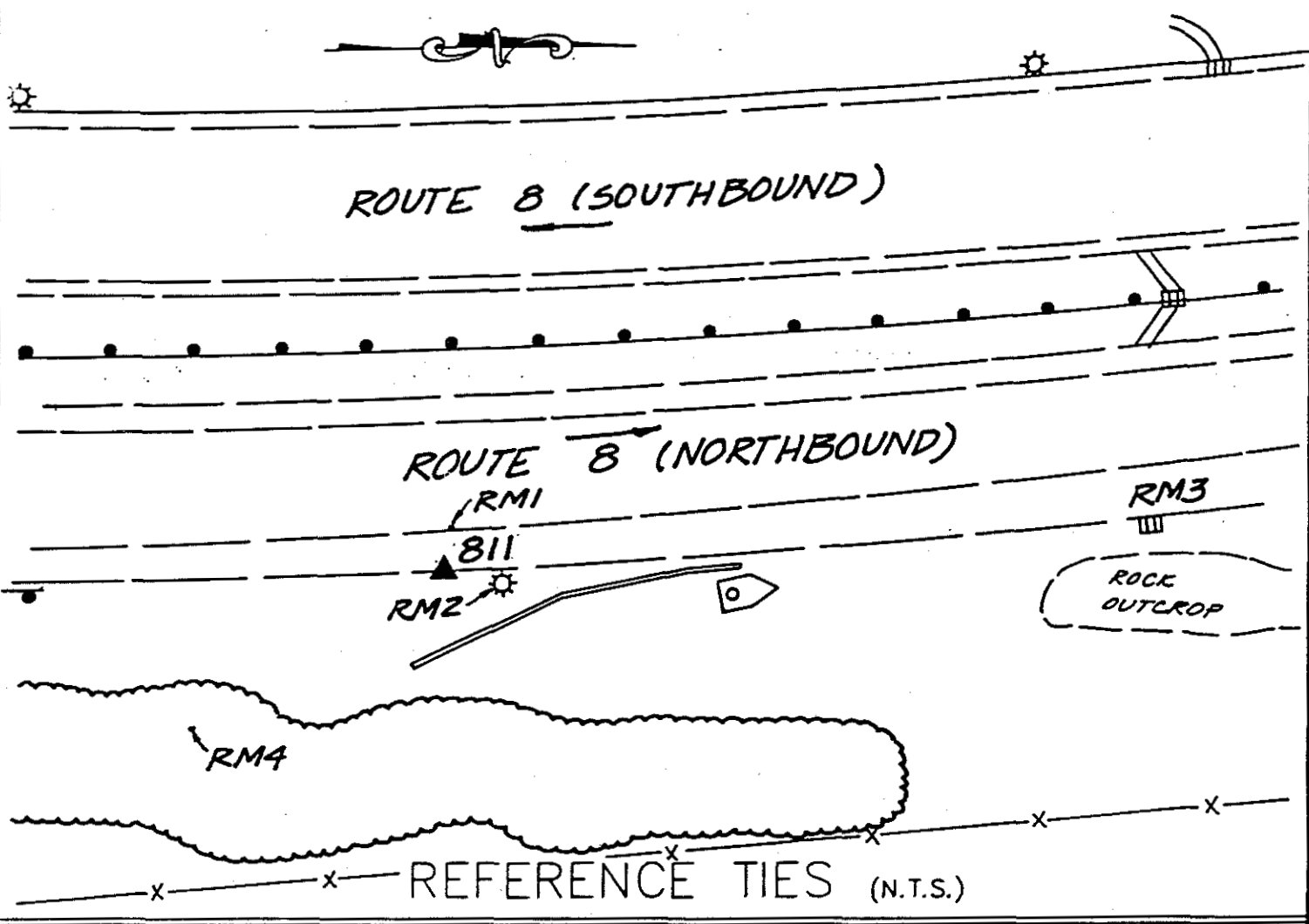
DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE

**VICINITY MAP  
(NTS)**



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-810	680.887	0°-00'-00"	193°-41'-08.7"
CP-812	1193.670	158°-28'-20.7"	352°-09'-26.8"
RM1	13.02	70°-10'-05"	
RM2	11.13	178°-32'-16"	
RM3	164.71	181°-02'-33"	
RM4	69.11	315°-53'-30"	



COMMENTS

STATION #811: A CHD RANDOM MONUMENT WITH DISK STAMPED 1655 ON THE EAST SIDE OF NORTH-BOUND RTE. 8; 1.5' EAST OF EDGE OF BIT. ABOUT 500' SOUTH OF THE 7TH ST. BRIDGE OVERPASS AND 95'± NORTH OF END OF GUIDE RAIL.

RM1: WEST OF STATION - A 3/8" DRILL HOLE IN THE EDGE OF THE CONCRETE PAVEMENT ON THE EAST SIDE OF NORTHBOUND RTE. #8

RM2: NORTHEAST OF STATION - A 3/8" DRILL HOLE IN THE SOUTHEAST CORNER OF A CONCRETE LIGHT STANDARD BASE ON THE EAST SIDE OF RTE. #8 NORTHBOUND

RM3: NORTH OF STATION - A 3/8" DRILL HOLE IN THE TOP OF FRAME ON A CATCH BASIN ON EAST SIDE OF RTE. #8 NORTHBOUND

RM4: SOUTHEAST OF STATION - A PK NAIL 3'± UP FROM THE GROUND IN A 10" PINE TREE; 40'± EAST OF EDGE OF CONCRETE PAVEMENT OF RTE. #8 NORTHBOUND



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
**LAND SURVEYORS**  
75 KITTS LANE NEWINGTON, CT (203) 899-0234

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-812

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 757,045.220 FEET

E. 919,471.082 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-18.31180"

LONG. 73°-02'-38.93342"

THETA ANGLE - 0°-11'-42"

**TYPE OF MARKER**  
CITY ROD MON.

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

**ELEVATIONS**

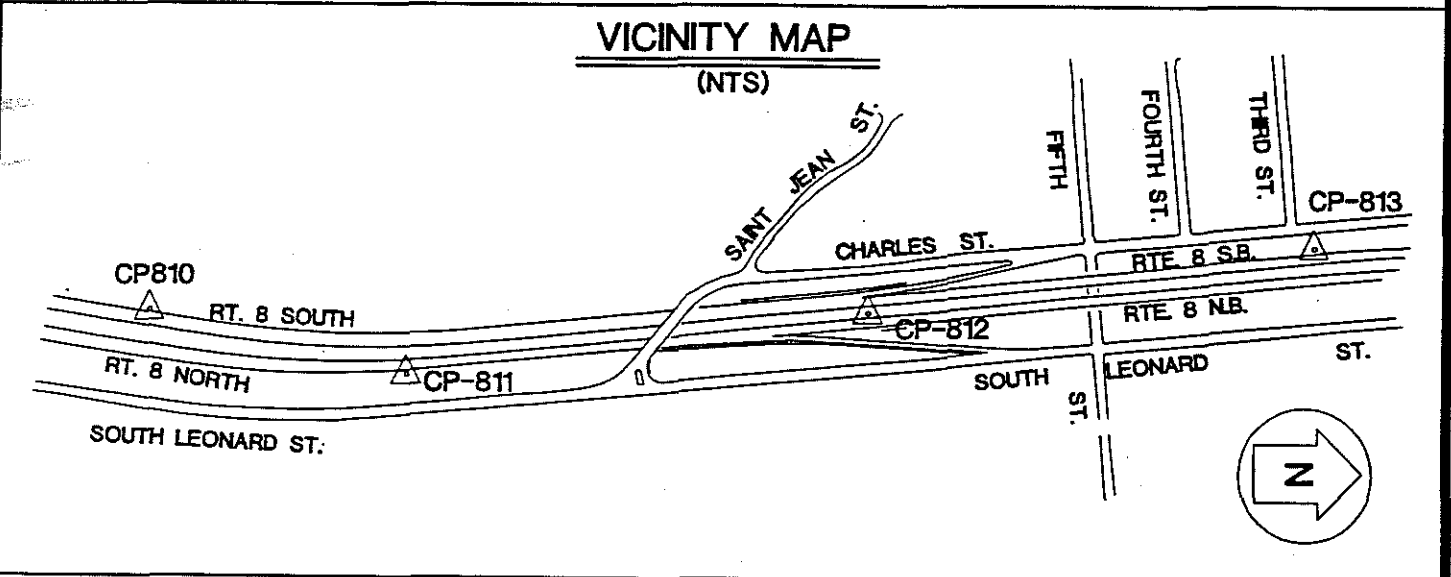
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

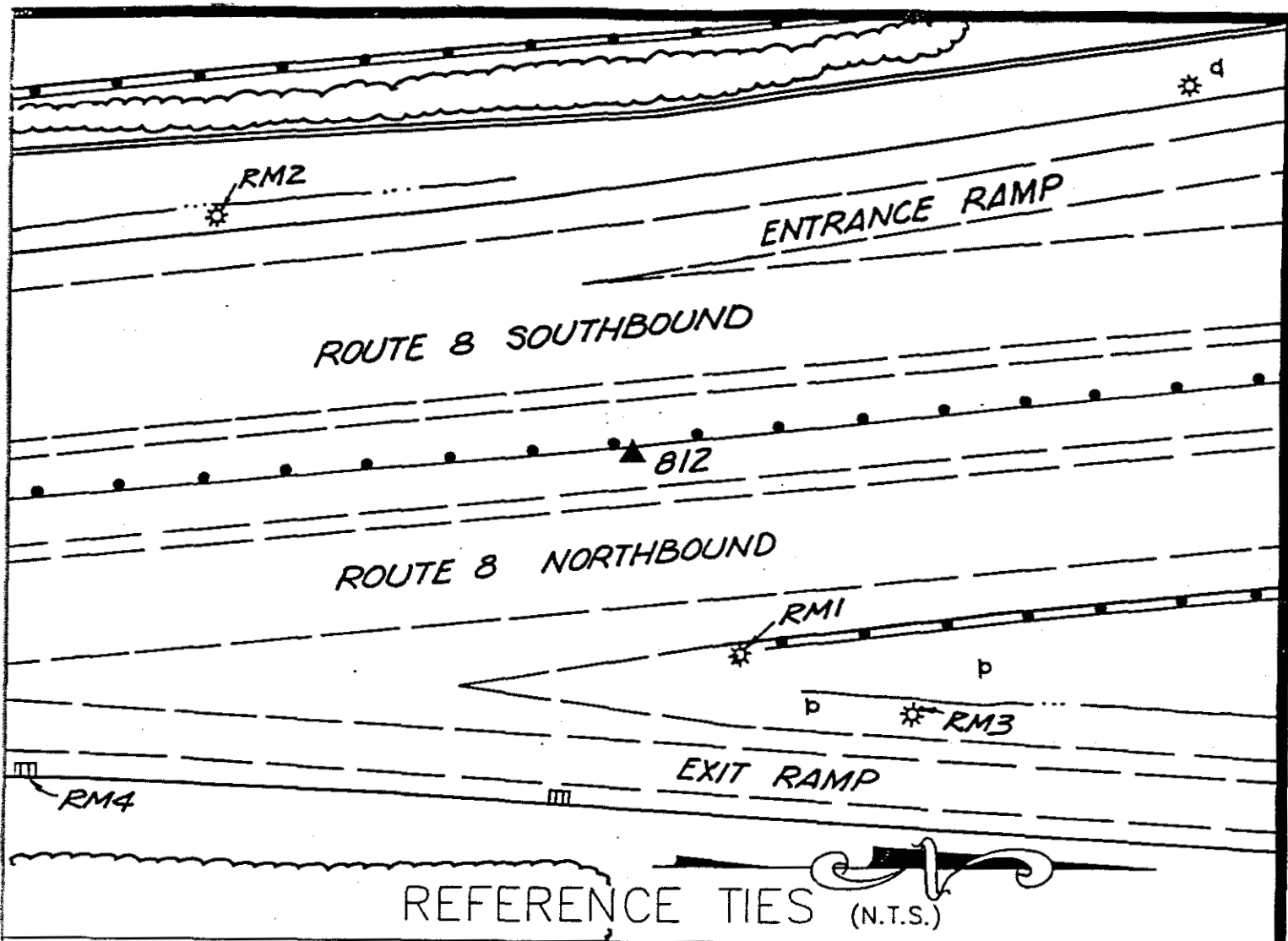
DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-811	1193.670	0°-00'-00"	172°-09'-28.8"
CP-813	1154.497	179°-28'-12.0"	351°-35'-38.8"
RM1	53.81	248°-24'-20"	
RM2	116.71	37°-15'-18"	
RM3	91.12	230°-48'-40"	
RM4	199.30	345°-31'-53"	

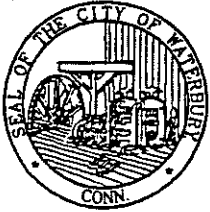
SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

- STATION #812: SET ROD MONUMENT 10' SOUTH OF RANGE OF EXIT #30 SIGN AND 3' EAST OF MEDIUM GUARD RAIL
- RM1: EAST OF STATION - A 3/8" DRILL HOLE IN THE NORTHWEST CORNER OF A CONCRETE LIGHT STANDARD BASE, EAST SIDE OF RTE. #8 NORTHBOUND
- RM2: SOUTHWEST OF STATION - A 3/8" DRILL HOLE IN THE NORTHWEST CORNER OF A CONCRETE LIGHT STANDARD BASE ON THE WEST SIDE OF RTE. #8 SOUTHBOUND
- RM3: NORTHEAST OF STATION - A 3/8" DRILL HOLE IN THE NORTHWEST CORNER OF A CONCRETE LIGHT STANDARD BASE ON EXIT #30 RAMP
- RM4: SOUTHEAST OF STATION - A 3/8" DRILL HOLE IN A CATCH BASIN ON THE EAST SIDE OF EXIT #30 RAMP



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 868-0734

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-813

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 758,187.315 FEET  
 E. 919,302.312 FEET  
 DATE 8 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-29.58980"  
 LONG. 73°-02'-41.20392"  
 THETA ANGLE - 0°-11'-43.6"

**TYPE OF MARKER**  
 CDOT MON.

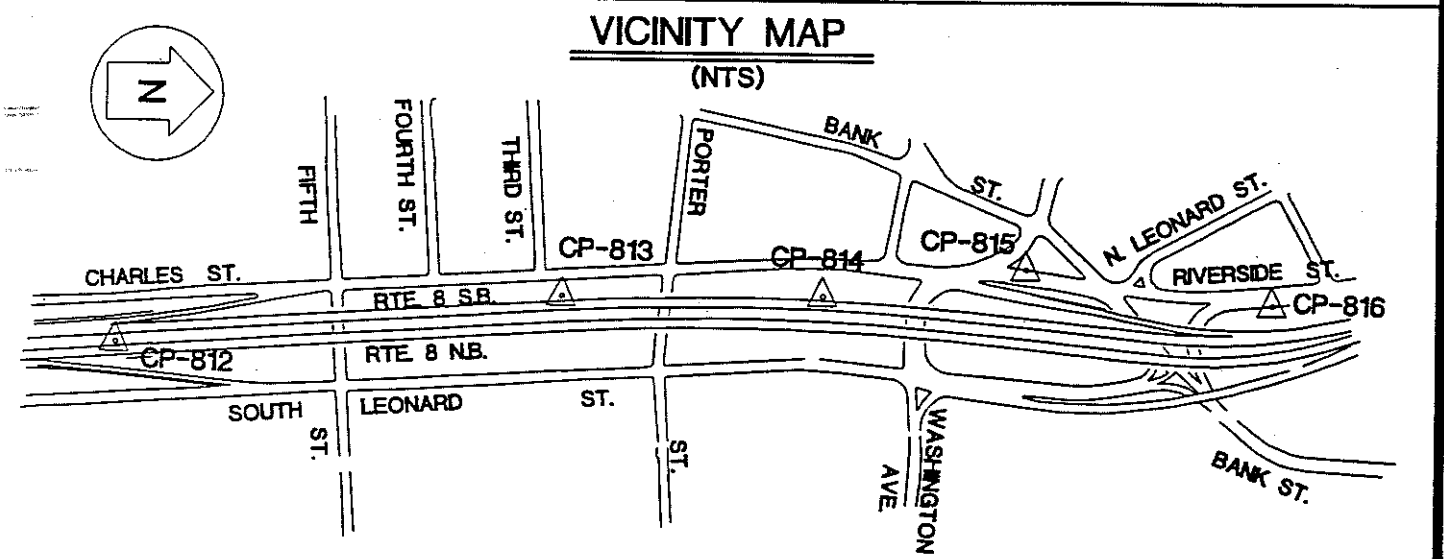
**ALSO REFERRED TO AS STATION #**  
 RAN C1643

**ELEVATIONS**

CONDITION OF STATION	BY	DATE

\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

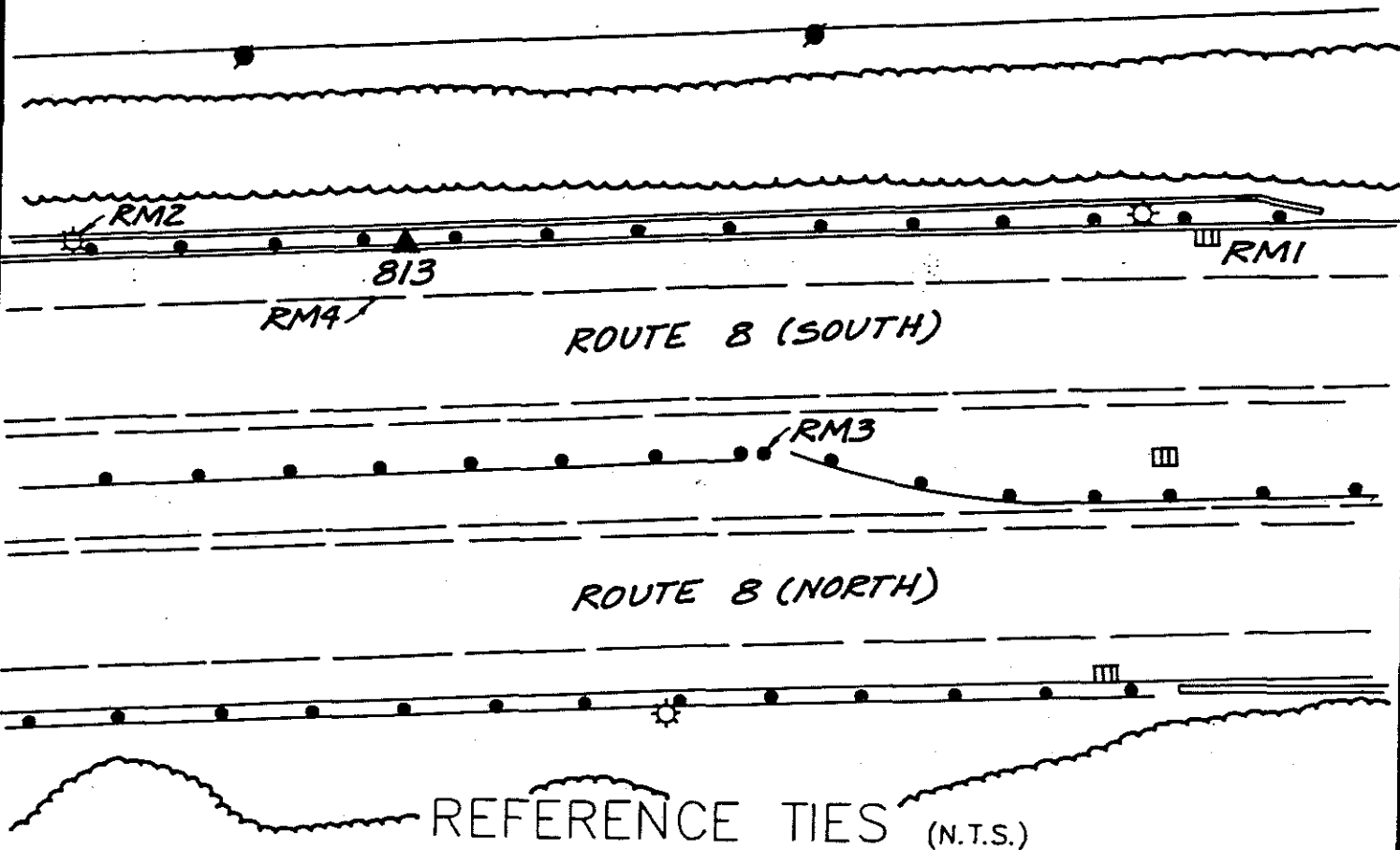
\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-812	1154.497	0°-00'-00"	171°-35'-38.8"
CP-814	888.641	185°-56'-13.2"	357°-31'-52.0"
RM1	177.20	184°-43'-38"	
RM2	70.56	03°-32'-45"	
RM3	83.65	216°-20'-18"	
RM4	15.81	298°-35'-01"	

THIRD ST.

CHARLES ST.



COMMENTS

STATION #813: A CHD RANDOM MONUMENT WITH DISK STAMPED 1643 ON THE WEST SIDE OF RTE. #8 SOUTHBOUND, 55'± NORTH OF THIRD ST.

RM1: NORTH OF STATION - A 3/8" DRILL HOLE IN THE TOP OF CONCRETE OF THE CATCH BASIN IN THE WEST SIDE OF RTE. #8 SOUTHBOUND

RM2: SOUTH OF STATION - A 3/8" DRILL HOLE IN THE NORTHWEST CORNER OF A CONCRETE LIGHT STANDARD BASE ON THE WEST SIDE OF RTE. #8 SOUTHBOUND

RM3: NORTHEAST OF STATION - A PK NAIL IN THE MIDDLE WOODEN GUARD POST IN MEDIAN OF RTE. #8

RM4: EAST OF STATION - A 3/8" DRILL HOLE IN THE EDGE OF THE CONCRETE PAVEMENT ON THE WEST SIDE OF RTE. #8 SOUTHBOUND





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
**LAND SURVEYORS**  
 75 KITTS LANE NEWINGTON, CT (203) 866-0734

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
 CP-814

IN THE TOWN OF  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 758,855.335 FEET

E. 919,273.509 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-36.18873"

LONG. 73°-02'-41.6266"

THETA ANGLE - 0°-11'-43.9"

**TYPE OF MARKER**  
 CDOT MON.

**ALSO REFERRED TO AS STATION #**  
 RAN C1844

**ELEVATIONS**

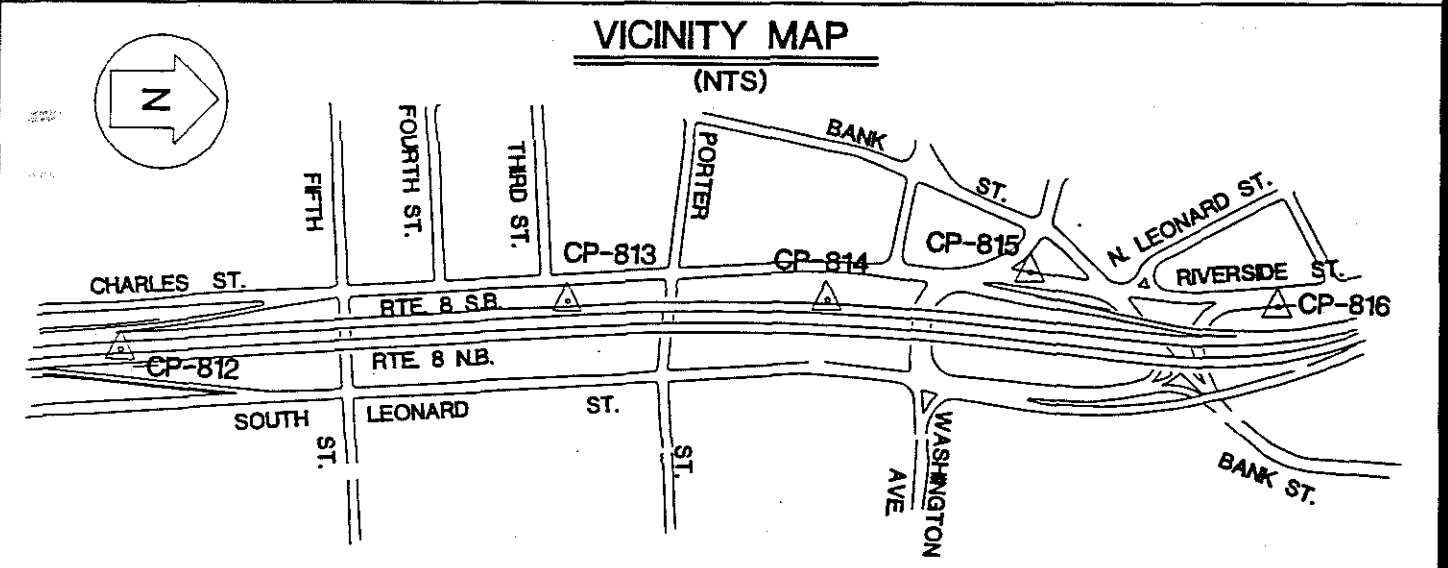
\_\_\_\_\_ FEET  
 (NAVD 88)

DATE \_\_\_\_\_

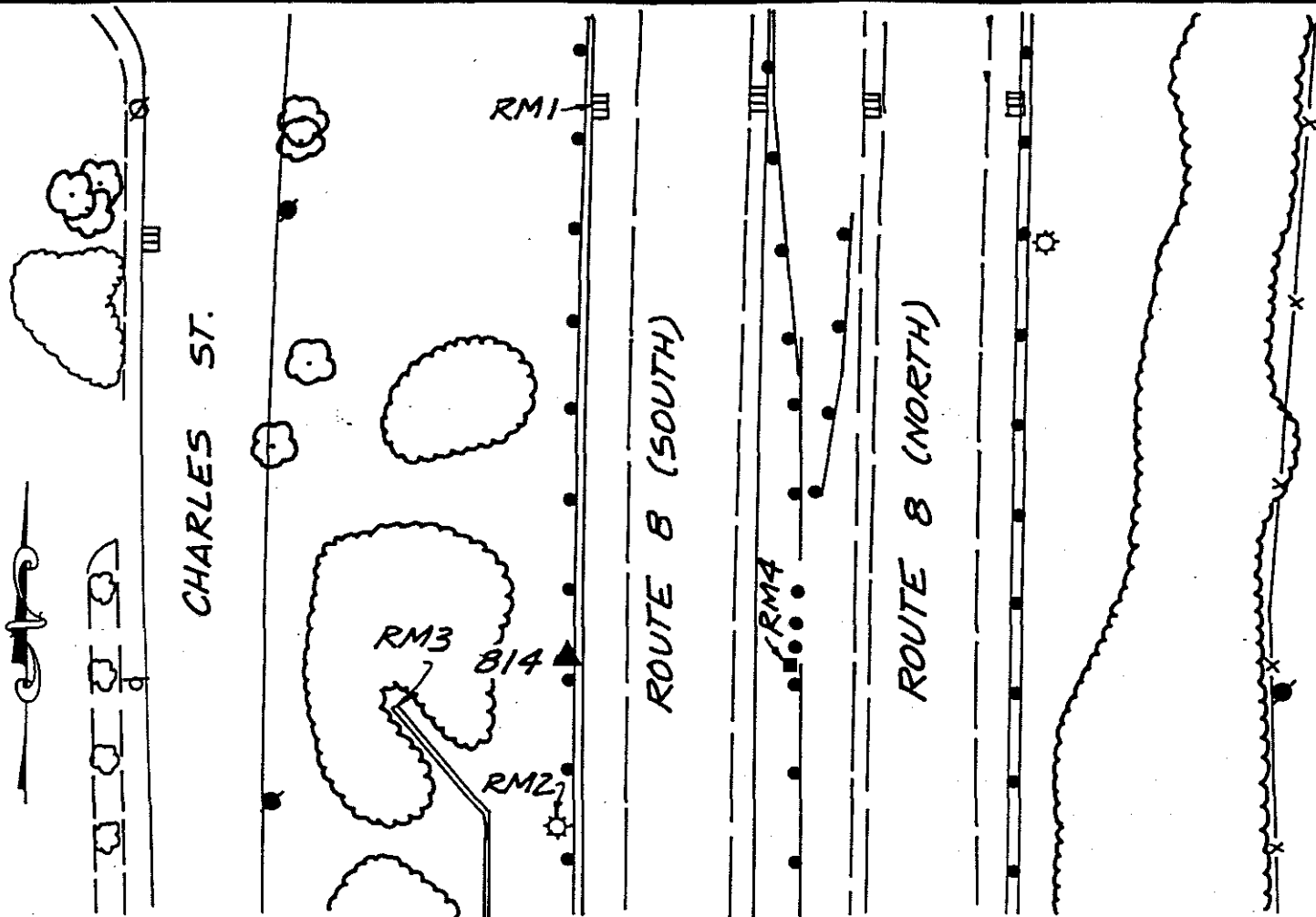
\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-813	668.841	0°-00'-00"	177°-31'-52.0"
CP-815	527.474	172°-33'-07.7"	350°-04'-59.7"
RM1	126.00	183°-48'-56"	
RM2	34.46	08°-12'-32"	
RM3	59.23	106°-42'-04"	
RM4	51.30	261°-15'-19"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #814: D.O.T. RANDOM MONUMENT ON WEST SIDE OF RTE. #8 SOUTHBOUND

RM1: NORTH OF STATION - A 3/8" DRILL HOLE IN TOP OF CURB OF CATCH BASIN ON WEST SIDE OF RTE. #8 SOUTHBOUND

RM2: SOUTH OF STATION - A 3/8" DRILL HOLE IN NORTHWEST CORNER OF CONCRETE LIGHT STANDARD BASE ON WEST SIDE OF RTE. #8 SOUTHBOUND

RM3: WEST OF STATION - CORNER OF SOUND BARRIER AT NORTH END OF BARRIER, AT BOTTOM OF 8TH BOARD UP

RM4: EAST OF STATION - A PK NAIL IN TOP OF MIDDLE WOODEN GUARD POST (3 POSTS) IN MEDIAN



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-815

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 759,374.828 FEET  
 E. 919,182.669 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-41.3194"  
 LONG. 73°-02'-42.8306"  
 THETA ANGLE - 0°-11'-44.7"

**TYPE OF MARKER**  
 CDOT MON.

**ALSO REFERRED TO AS STATION #**  
 RAN C1903

CONDITION OF STATION	BY	DATE

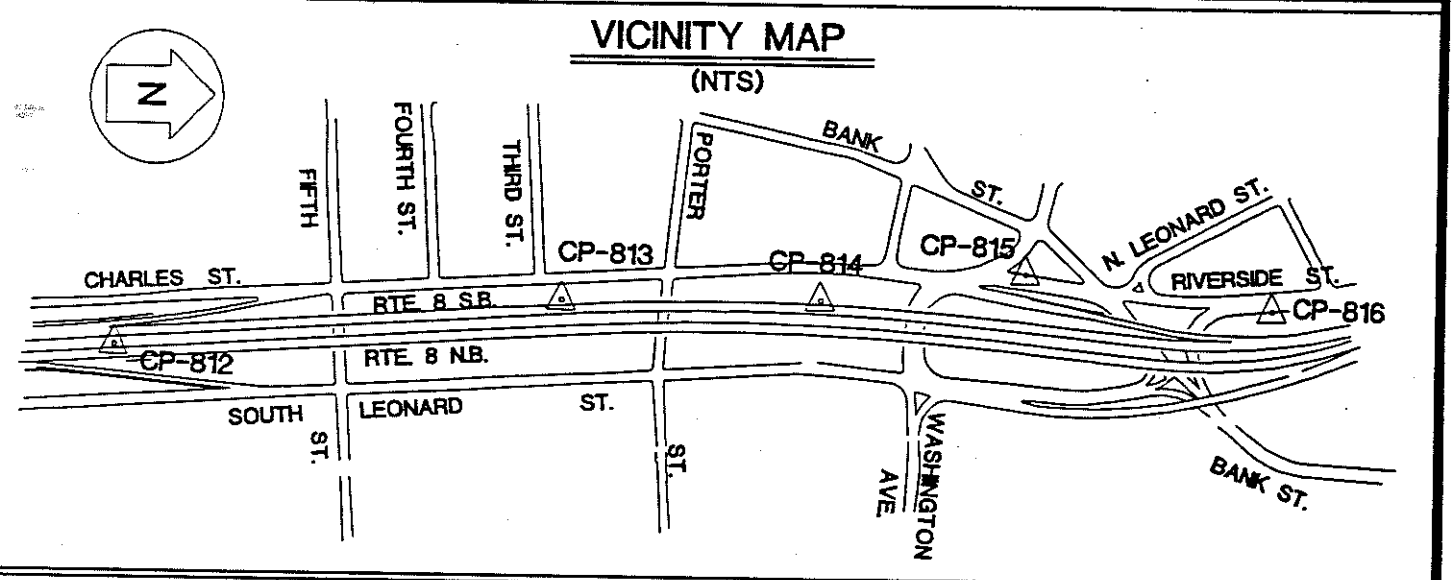
**ELEVATIONS**

\_\_\_\_\_ FEET  
 (NAVD 88)

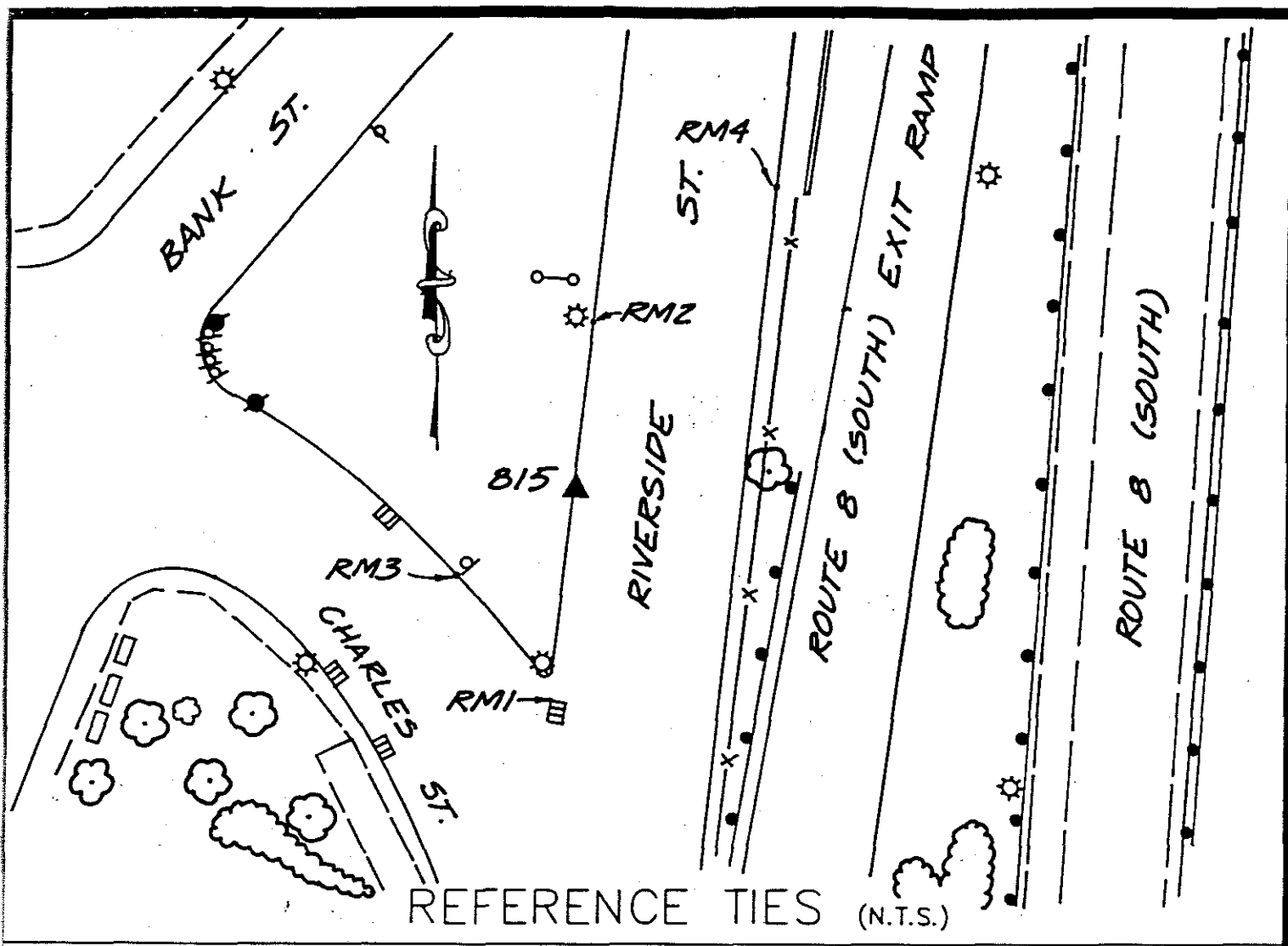
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-814	527.474	0°-00'-00"	170°-04'-59.7"
CP-816	639.758	195°-53'-12.4"	05°-58'-12.1"
RM1	53.47	16°-30'-28"	
RM2	39.36	198°-02'-52"	
RM3	35.55	65°-01'-57"	
RM4	85.69	224°-23'-58"	



REFERENCE TIES (N.T.S.)

COMMENTS

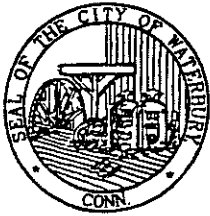
STATION #815: D.O.T. DISK IN CONCRETE CURB ON WEST SIDE OF RIVERSIDE ST. AND 50'± NORTH OF NORTHEAST EDGE OF CHARLES ST.

RM1: SOUTH OF STATION - A 3/8" DRILL HOLE IN THE NORTHWEST CORNER OF CATCH BASIN AT INTERSECTION OF CHARLES ST. AND RIVERSIDE ST.

RM2: NORTH OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB ON WEST SIDE OF RIVERSIDE ST. OPPOSITE A LIGHT STANDARD

RM3: WEST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE NO PARKING SIGN ON EAST SIDE OF CHARLES ST.

RM4: NORTHEAST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE EXIT RAMP SIGN



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT 0203 888-0204

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-818

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 760,011.216 FEET

E. 919,249.209 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-47.60778"

LONG. 73°-02'-41.98412"

THETA ANGLE - 0°-11'-44.2"

**TYPE OF MARKER**  
BRASS DISK

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

CONDITION OF STATION	BY	DATE

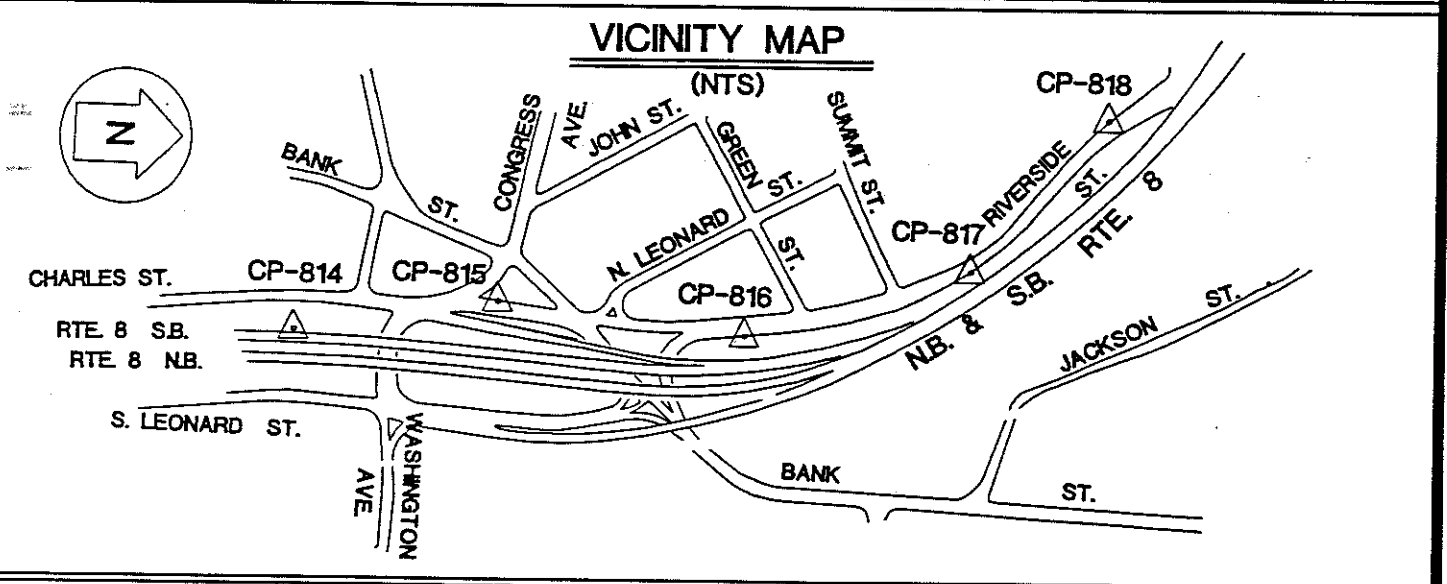
**ELEVATIONS**

\_\_\_\_\_ FEET  
(NAVD 88)

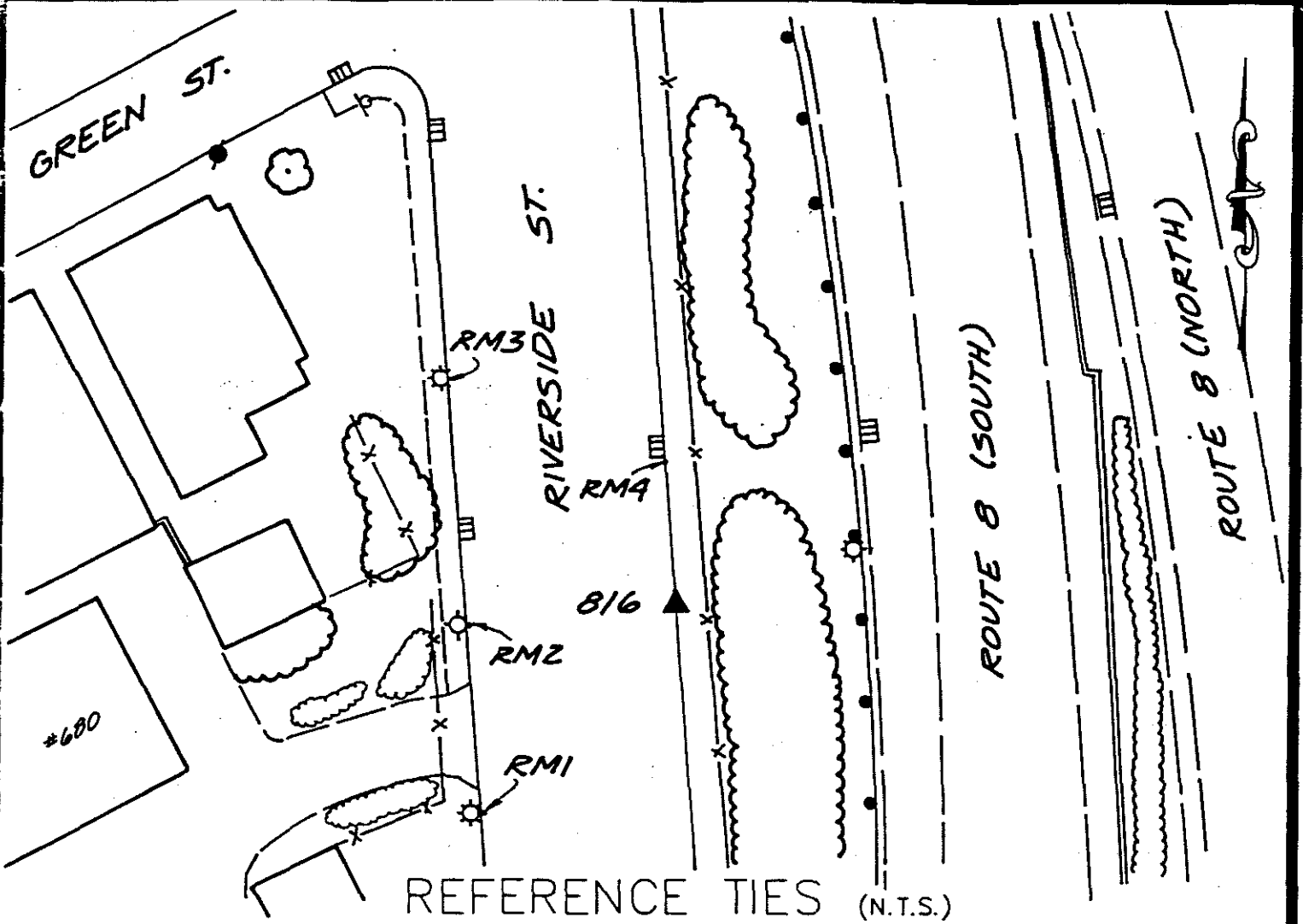
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-815	639.758	0°-00'-00"	185°-58'-12.1"
CP-817	603.567	156°-07'-06.0"	342°-05'-18.1"
RM1	69.93	33°-13'-18"	
RM2	50.39	73°-14'-34"	
RM3	75.46	124°-51'-43"	
RM4	32.40	166°-49'-20"	



COMMENTS

STATION #816: A SET BRASS DISK IN CONCRETE CURB ON EAST SIDE OF RIVERSIDE ST., 17'± SOUTH OF SOUTH RANGE OF BUILDING #680 AND 500' NORTH OF THE INTERSECTION OF RIVERSIDE AND BANK STREETS

RM1: SOUTHWEST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE LIGHT STANDARD ON WEST SIDE OF RIVERSIDE ST.

RM2: WEST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE HYDRANT ON WEST SIDE OF RIVERSIDE ST.

RM3: NORTHWEST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE LIGHT STANDARD ON WEST SIDE OF RIVERSIDE ST.

RM4: NORTH OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB, 1' SOUTH OF CATCH BASIN ON EAST SIDE OF RIVERSIDE ST.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 76 KITTS LANE NEWINGTON, CT (203) 999-0704

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-817

**IN THE TOWN OF  
 WATERBURY**

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 760,585.529 FEET  
 E. 919,063.582 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-53.2756"  
 LONG. 73°-02'-44.45120"  
 THETA ANGLE - 0°-11'-45.8"

**TYPE OF MARKER**  
 BRASS DISK

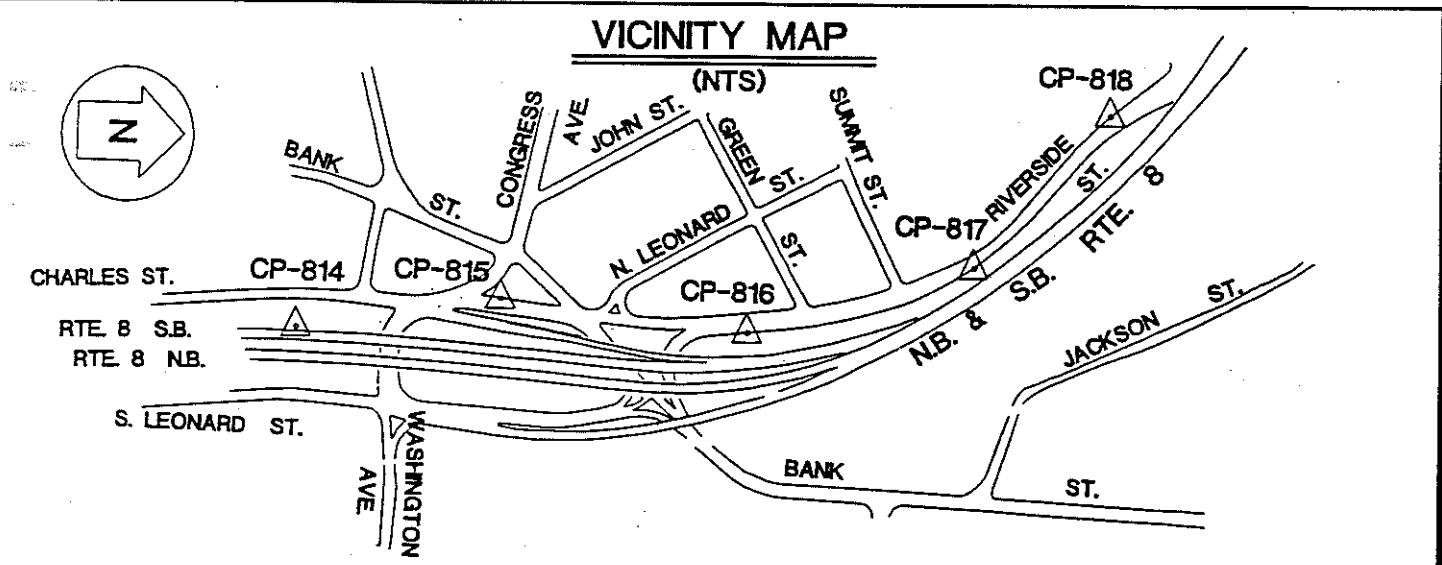
**ALSO REFERRED TO AS STATION #**  
 \_\_\_\_\_

**ELEVATIONS**

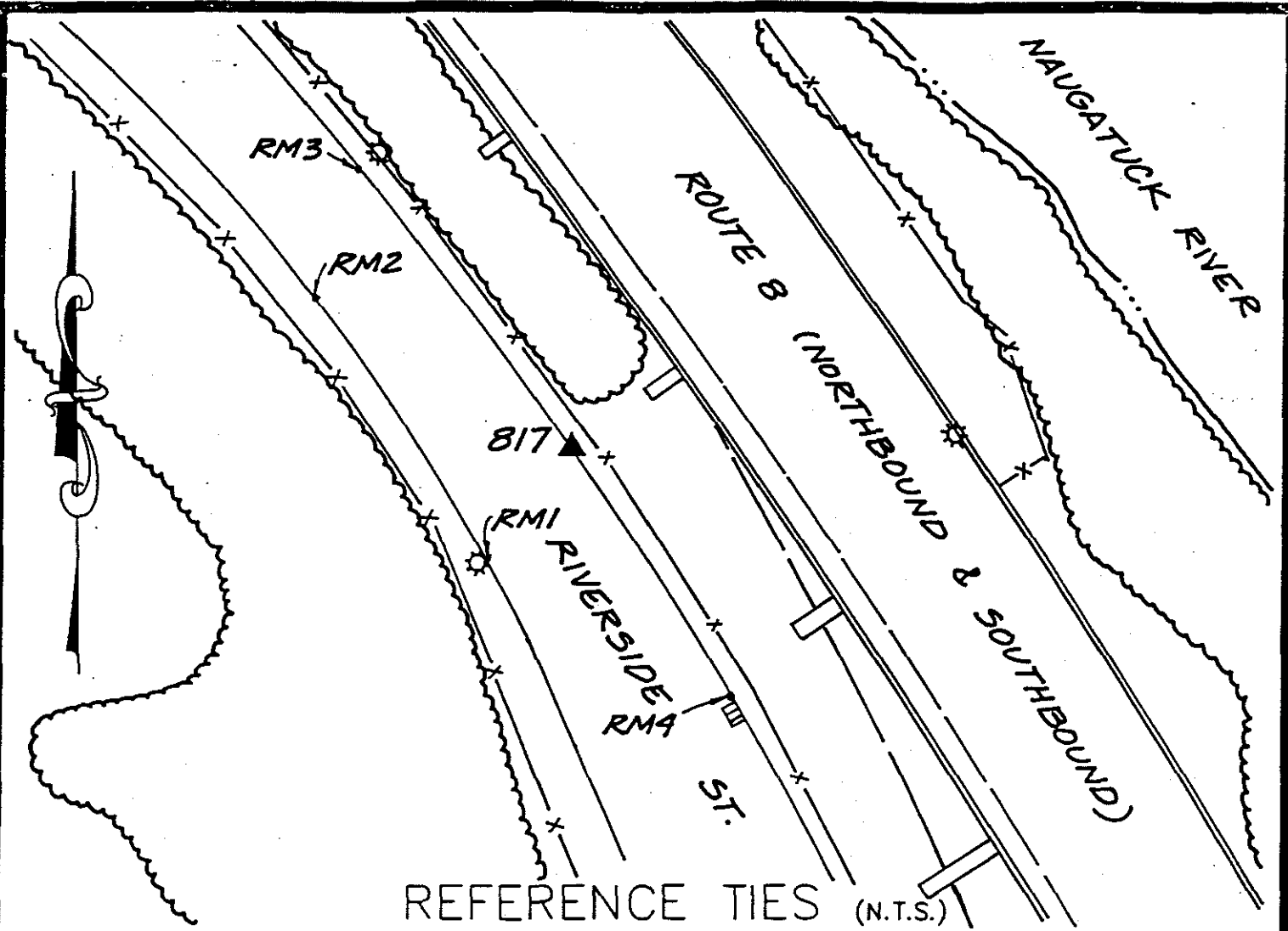
\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-816	603.567	0°-00'-00"	162°-05'-18.1"
CP-818	523.615	148°-05'-55.4"	310°-11'-13.5"
RM1	35.54	58°-51'-48"	
RM2	72.32	138°-32'-03"	
RM3	84.11	162°-02'-50"	
RM4	70.41	346°-40'-56"	



### COMMENTS

STATION #817: SET BRASS DISK IN THE CONCRETE CURB ON THE NORTHEAST SIDE OF RIVERSIDE ST. ABOUT 200' NORTHWEST OF THE CENTERLINE OF SUMMIT ST.

RM1: SOUTHWEST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE LIGHT STANDARD ON SOUTHWEST SIDE OF RIVERSIDE ST.

RM2: NORTHWEST OF STATION - A CHD RANDOM DISK STAMPED 1907 IN CURB ON SOUTHWEST SIDE OF RIVERSIDE ST.

RM3: NORTHWEST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE LIGHT STANDARD ON SOUTHWEST SIDE OF RIVERSIDE ST.

RM4: SOUTHEAST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB, 1' NORTH OF CATCH BASIN ON NORTHEAST SIDE OF RIVERSIDE ST.





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 NOTTS LANE NEWINGTON, CT (203) 888-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
E. \_\_\_\_\_ FEET  
DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
LONG. \_\_\_\_\_  
DATE \_\_\_\_\_

**STATION #**  
CP-818

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 760,923.410 FEET  
E. 918,863.571 FEET  
DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-32'-56.60024"  
LONG. 73°-02'-49.72726"  
THETA ANGLE - 0°-11'-49.3"

**TYPE OF MARKER**  
CDOT MON.

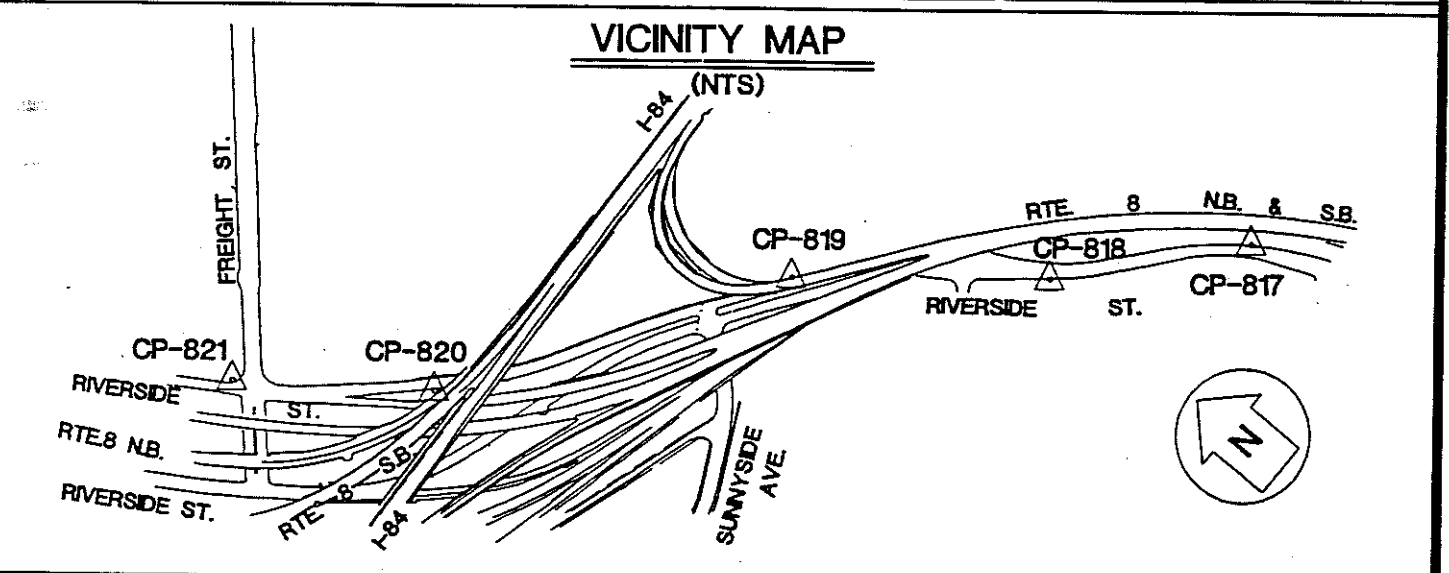
**ALSO REFERRED TO AS STATION #**  
RAN C1908

CONDITION OF STATION	BY	DATE

**ELEVATIONS**

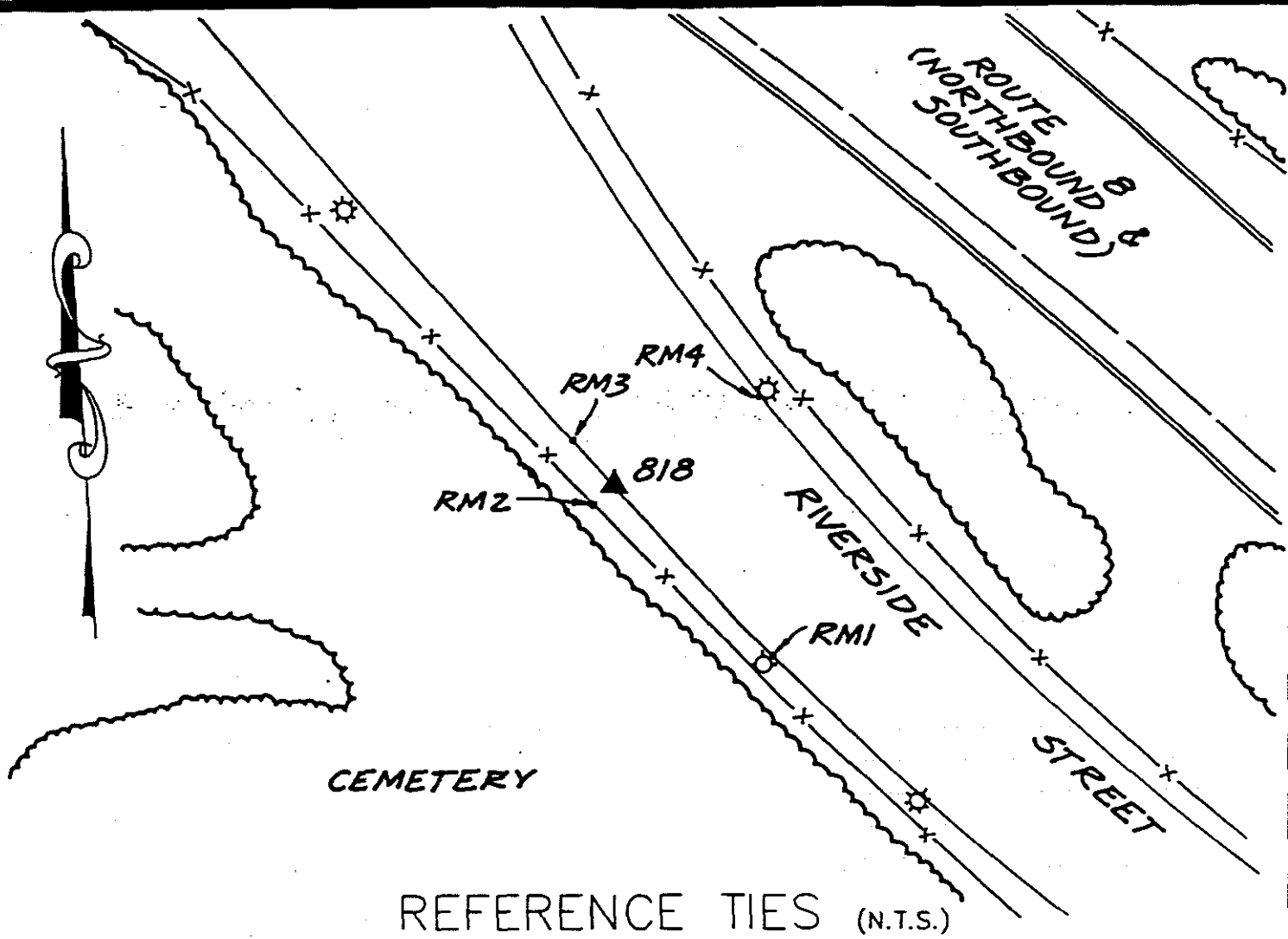
\_\_\_\_\_ FEET  
(NAVD 88)  
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)  
DATE \_\_\_\_\_



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-817	523.615	0°-00'-00"	130°-11'-13.5"
CP-819	661.695	180°-04'-51.5"	320°-16'-05.0"
RM1	55.86	07°-05'-44"	
RM2	5.03	98°-20'-54"	
RM3	10.89	189°-45'-52"	
RM4	43.78	291°-16'-00"	

SEE REVERSE SIDE FOR REFERENCE TIES



REFERENCE TIES (N.T.S.)

COMMENTS

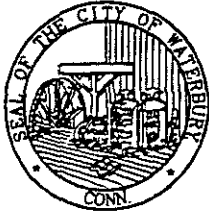
STATION #818: A CHD RANDOM DISK IN CONCRETE CURB ON THE SOUTHWEST SIDE OF RIVERSIDE ST. 89' SOUTH OF SECOND LIGHT STANDARD SOUTH OF CEMETERY ENTRANCE, AND ABOUT 900' SOUTH OF THE CENTERLINE OF SUNNYSIDE AVE.

RM1: SOUTH OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE HYDRANT ON WEST SIDE OF RIVERSIDE ST.

RM2: WEST OF STATION - A 3/8" DRILL HOLE IN FENCE FOUNDATION ON WEST SIDE OF RIVERSIDE AVE.

RM3: NORTH OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB, WEST SIDE OF RIVERSIDE ST.

RM4: EAST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE LIGHT STANDARD



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
GROUP, INC.**  
**LAND SURVEYORS**  
75 KITTS LANE NEWINGTON, CT (203) 866-0734

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-819

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 761432.282 FEET

E. 918,240.618 FEET

DATE 8 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-01.61338"

LONG. 73°-02'-55.31298"

THETA ANGLE - 0°-11'-53.0"

**TYPE OF MARKER**  
CDOT MON.

**ALSO REFERRED TO AS STATION #**  
RAN C1865

**ELEVATIONS**

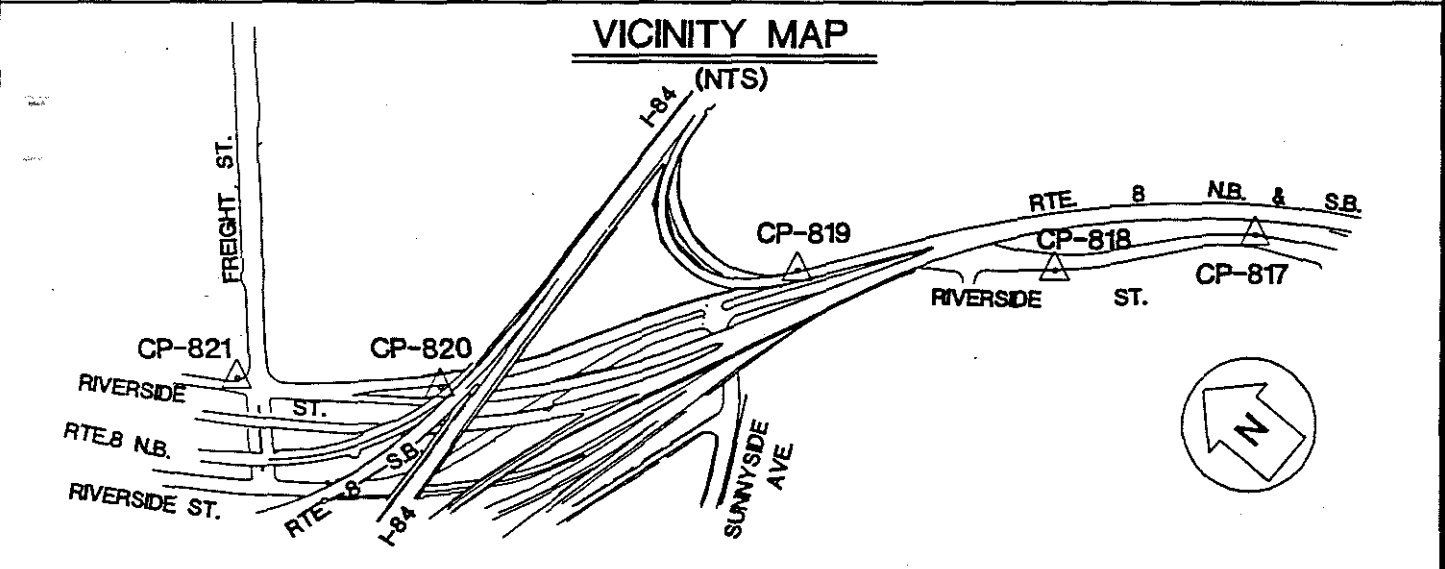
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

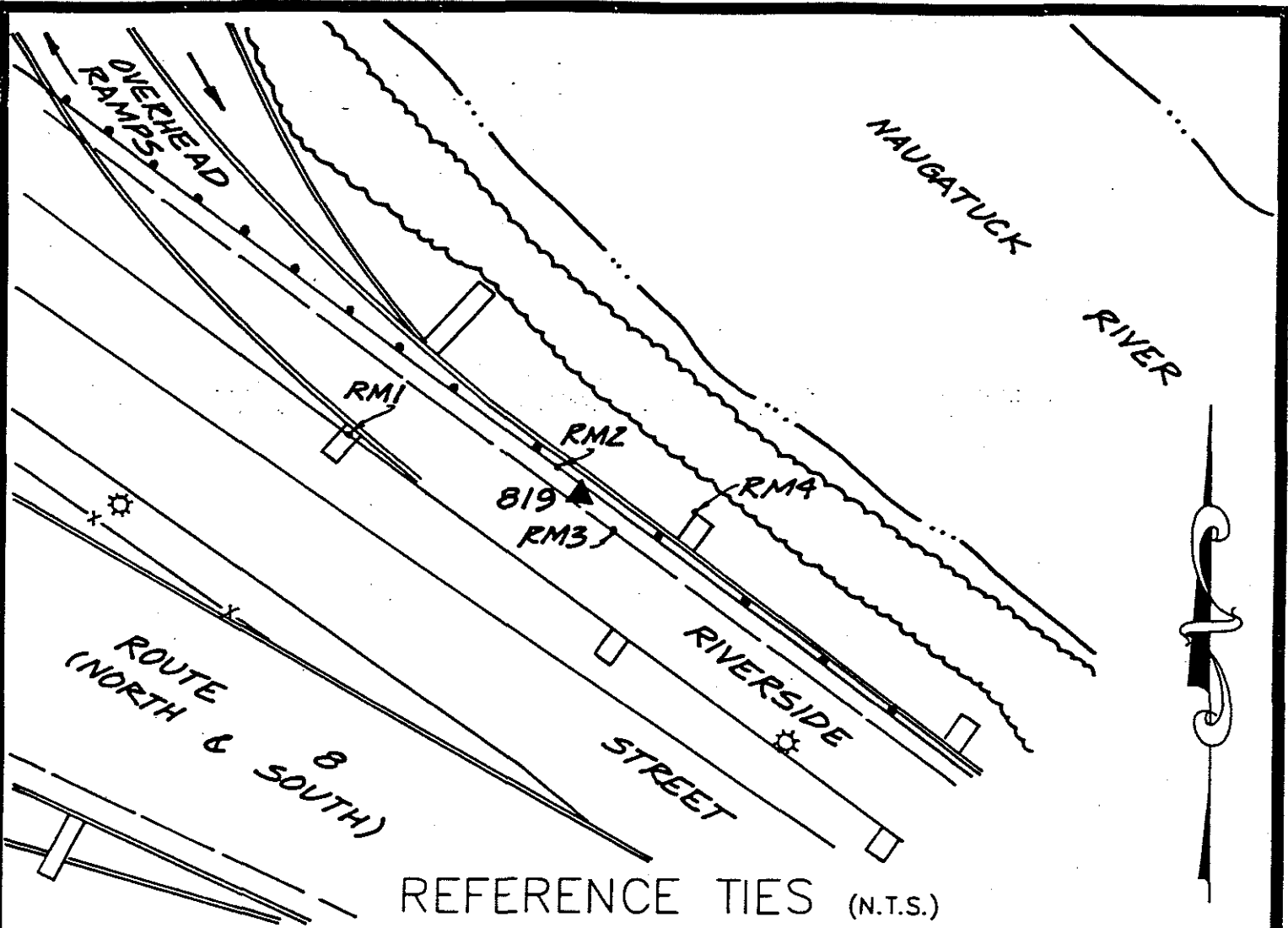
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-818	661695	0°-00'-00"	140°-16'-05.0"
CP-820	982571	161°-54'-27.8"	302°-10'-32.8"
RM1	65.31	138°-42'-14"	
RM2	5.30	183°-30'-50"	
RM3	10.51	348°-27'-14"	
RM4	21.83	328°-17'-36"	



REFERENCE TIES (N.T.S.)

COMMENTS

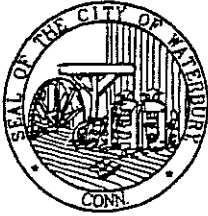
STATION #819: A CHD RANDOM DISK STAMPED 1865 SET IN CONCRETE POST FLUSH WITH GROUND ON THE NORTHEAST SIDE OF RIVERSIDE ST., 1' EAST OF CONCRETE CURB AND 232' SOUTH OF THE CENTERLINE OF SUNNYSIDE AVE.

RM1: NORTHWEST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE BRIDGE POST, 2'± SOUTH OF CURB SEAM

RM2: NORTHWEST OF STATION - A DRILL HOLE IN GUARD RAIL POST ON THE NORTHEAST SIDE OF RIVERSIDE ST.

RM3: SOUTHEAST OF STATION - A 3/8" DRILL HOLE IN THE CONCRETE CURB ON THE NORTHEAST SIDE OF RIVERSIDE ST.

RM4: EAST OF STATION - A 3/8" DRILL HOLE IN BRIDGE POST, 5' UP FROM GROUND, ON THE NORTHEAST SIDE OF RIVERSIDE ST.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 866-0334

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-820

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 761,944.869 FEET

E. 97,425.880 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-06.64967"

LONG. 73°-03'-08.05189"

THETA ANGLE - 0°-12'-00.1"

**TYPE OF MARKER**  
CITY ROD MON.

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

**ELEVATIONS**

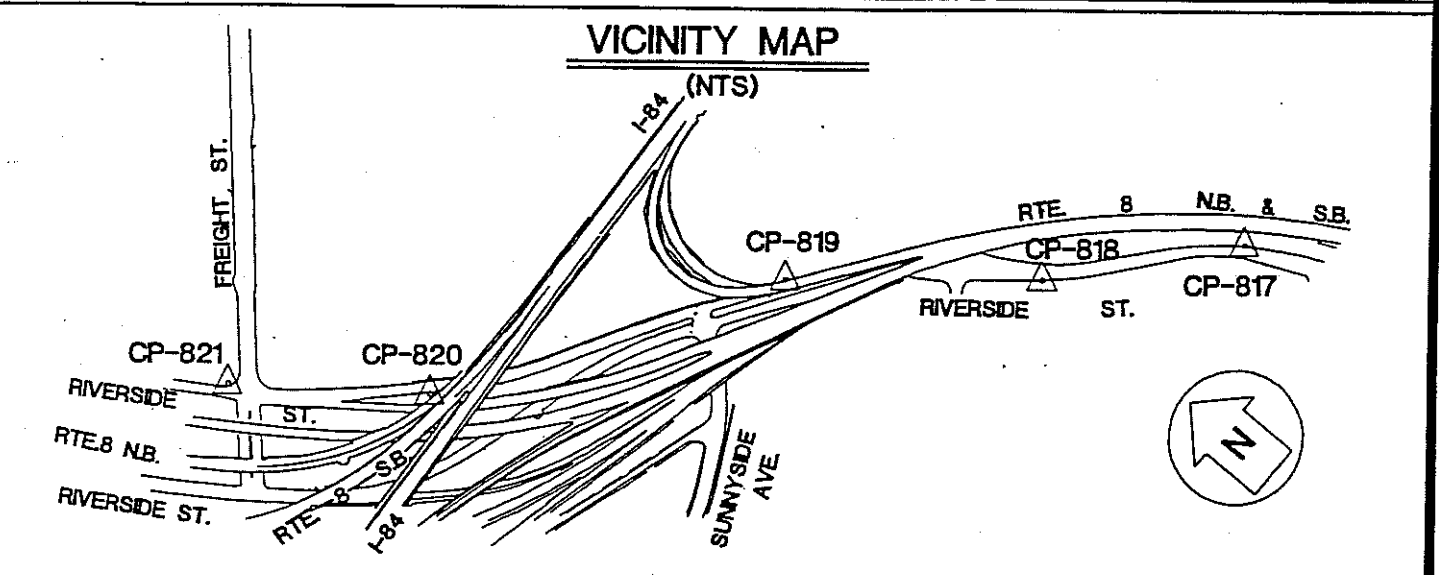
\_\_\_\_\_ FEET  
(NAVD 88)

DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

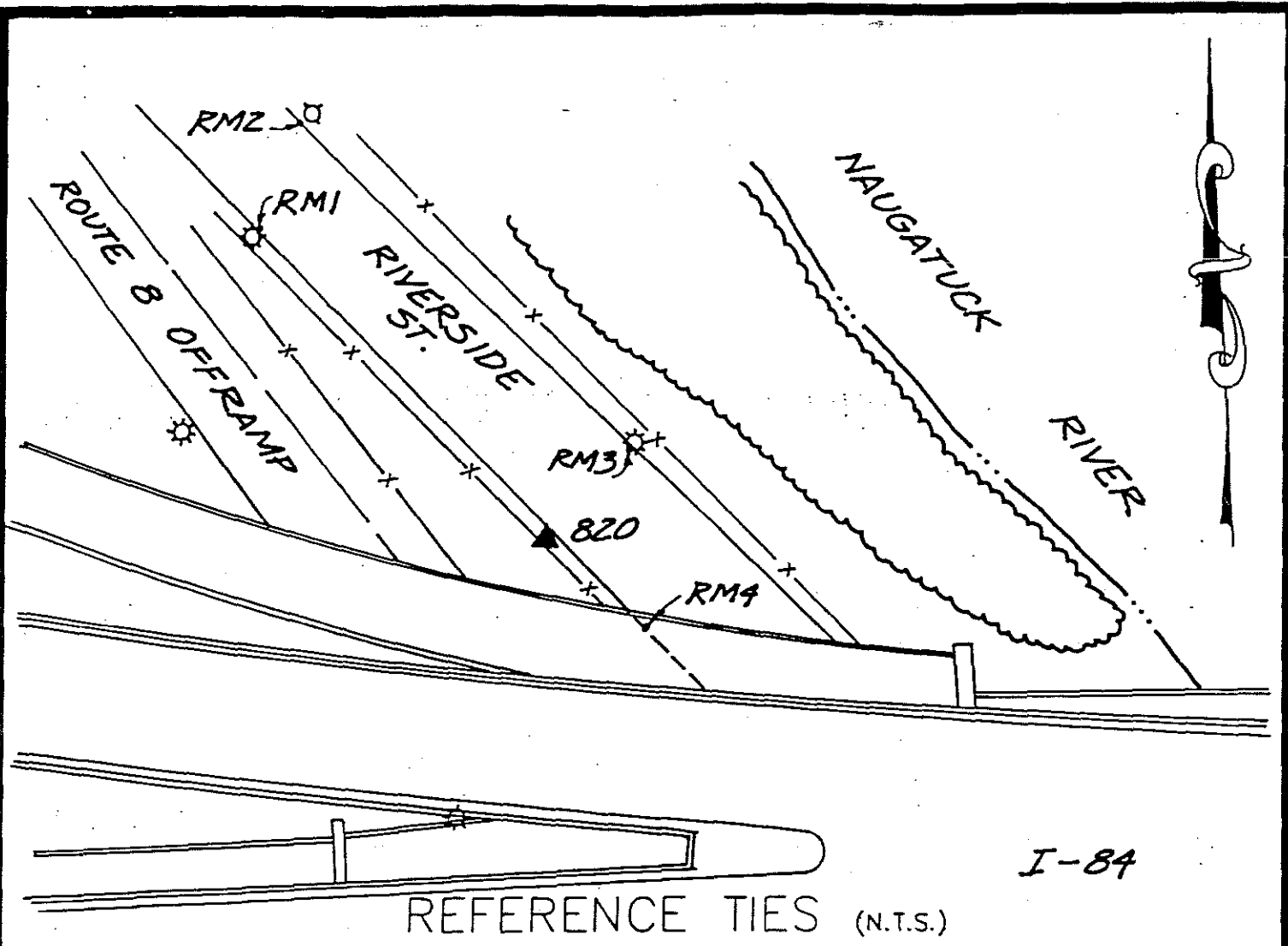
DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-818	862.571	0°-00'-00"	122°-10'-32.8"
CP-821	520.537	200°-37'-48.1"	322°-48'-20.9"
RM1	101.72	193°-31'-36"	
RM2	115.58	207°-17'-24"	
RM3	32.17	276°-32'-02"	
RM4	33.14	05°-57'-57"	

SEE REVERSE SIDE FOR REFERENCE TIES



I-84

REFERENCE TIES (N.T.S.)

COMMENTS

STATION #820: SET ROD MONUMENT 2'± WEST OF CONCRETE CURB ON THE SOUTHWEST SIDE OF RIVERSIDE ST. ABOUT 450' SOUTHWEST OF ITS INTERSECTION WITH FREIGHT ST.

RM1: NORTHWEST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE LIGHT STANDARD ON THE SOUTHWEST SIDE OF RIVERSIDE ST.

RM2: NORTHWEST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE HYDRANT ON THE NORTHEAST SIDE OF RIVERSIDE ST.

RM3: NORTHEAST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE LIGHT STANDARD ON THE NORTHEAST SIDE OF RIVERSIDE ST.

RM4: SOUTHEAST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE CONCRETE BRIDGE POST ON THE SOUTHWEST SIDE OF RIVERSIDE ST.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 966-0734

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-821

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 762,359.524 FEET

E. 917,111.206 FEET

DATE 8 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-10.73549"

LONG. 73°-03'-10.20981"

THETA ANGLE - 0°-12'-02.9"

**TYPE OF MARKER**  
CDOT MON.

**ALSO REFERRED TO AS STATION #**  
RAN C1885

**ELEVATIONS**

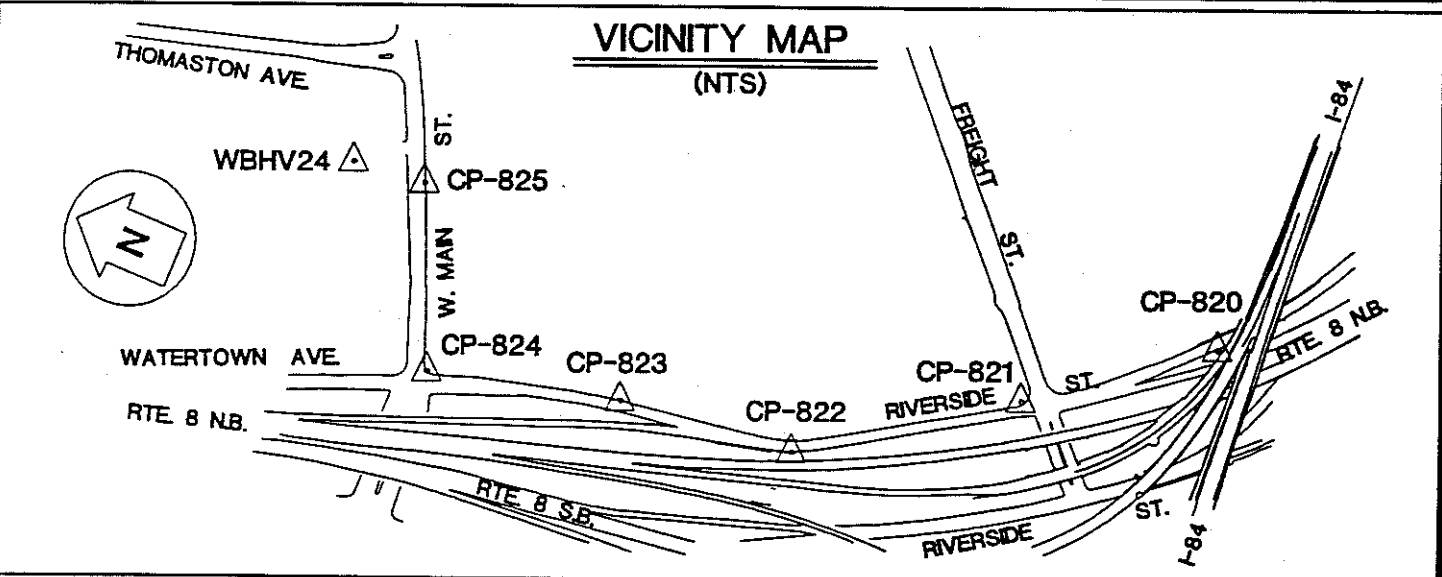
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(NAVD 88)

DATE \_\_\_\_\_

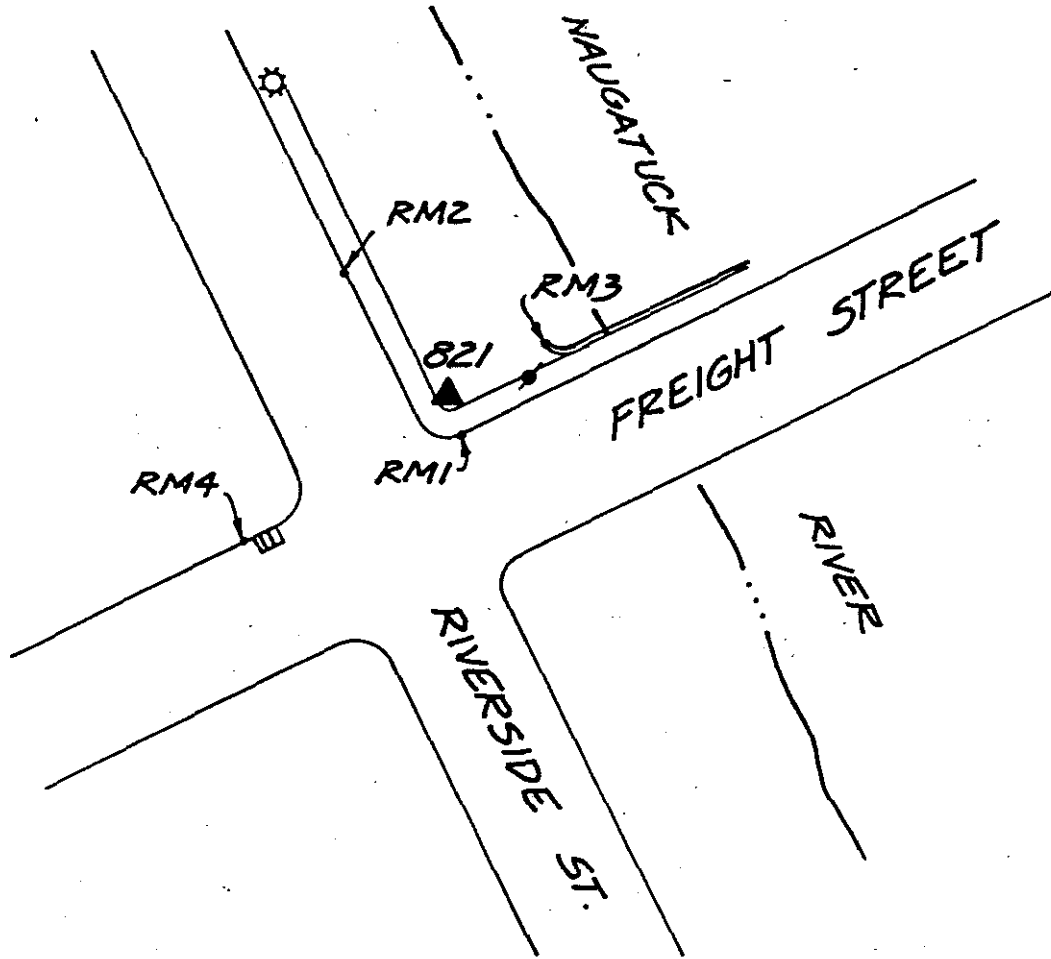
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-820	520.537	0°-00'-00"	142°-48'-20.9"
CP-822	599.418	181°-50'-29.3"	324°-38'-50.2"
RM1	6.58	30°-53'-46"	
RM2	13.57	144°-18'-02"	
RM3	17.49	317°-27'-07"	
RM4	53.56	80°-44'-12"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #821: A CHD BRASS DISK STAMPED 1885 SET IN CONCRETE POST ABOUT 53' NORTH OF THE CENTERLINE OF FREIGHT ST., 21' EAST OF THE CENTERLINE OF RIVERSIDE ST., AND ON THE NORTHEAST SIDE OF RIVERSIDE ST.

RM1: SOUTH OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB ON THE NORTH SIDE OF FREIGHT ST.

RM2: NORTHWEST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB ON THE NORTHEAST SIDE OF RIVERSIDE ST.

RM3: EAST OF STATION - A 3/8" DRILL HOLE IN THE NORTHWEST CORNER OF BRIDGE ABUTMENT WALL ON THE NORTH SIDE OF FREIGHT ST.

RM4: SOUTHWEST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB 1' WEST OF CATCH BASIN ON THE NORTH SIDE OF FREIGHT ST.





# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 866-0734

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET

E. \_\_\_\_\_ FEET

DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_

LONG. \_\_\_\_\_

DATE \_\_\_\_\_

**STATION #**  
CP-822

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 762,848.411 FEET

E. 916,764.379 FEET

DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-15.55355"

LONG. 73°-03'-14.79411"

THETA ANGLE - 0°-12'-05.8"

**TYPE OF MARKER**  
BRASS DISK

**ALSO REFERRED TO AS STATION #**  
\_\_\_\_\_

**ELEVATIONS**

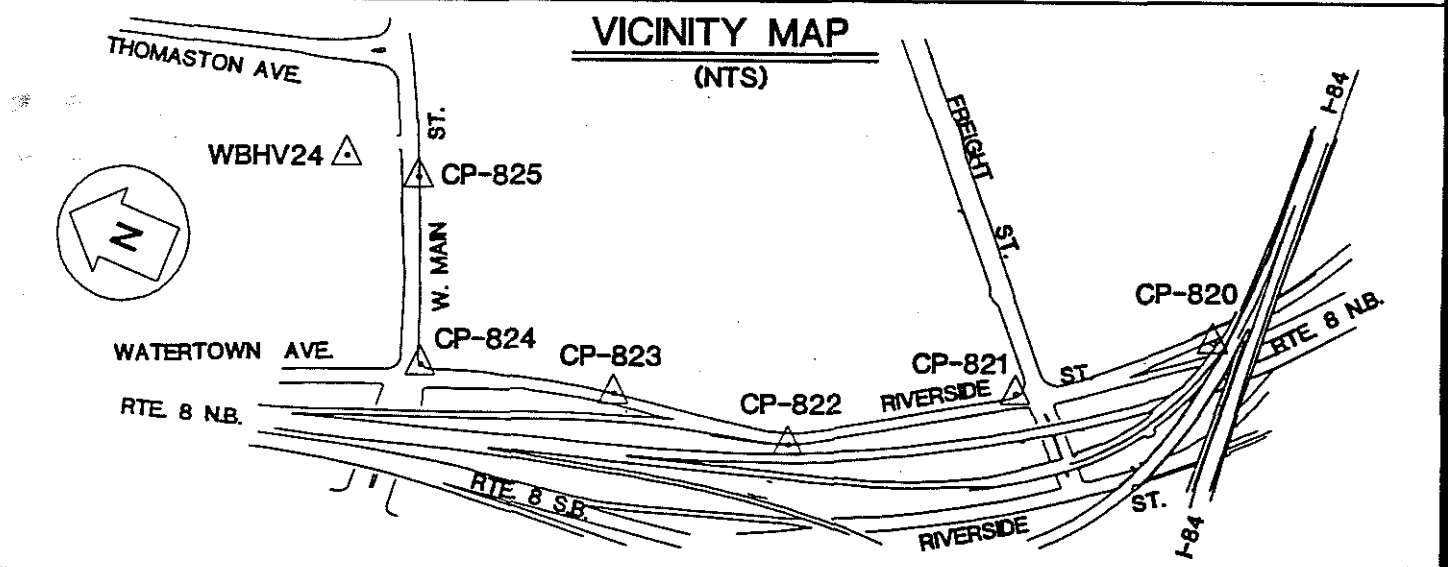
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(NAVD 88)

DATE \_\_\_\_\_

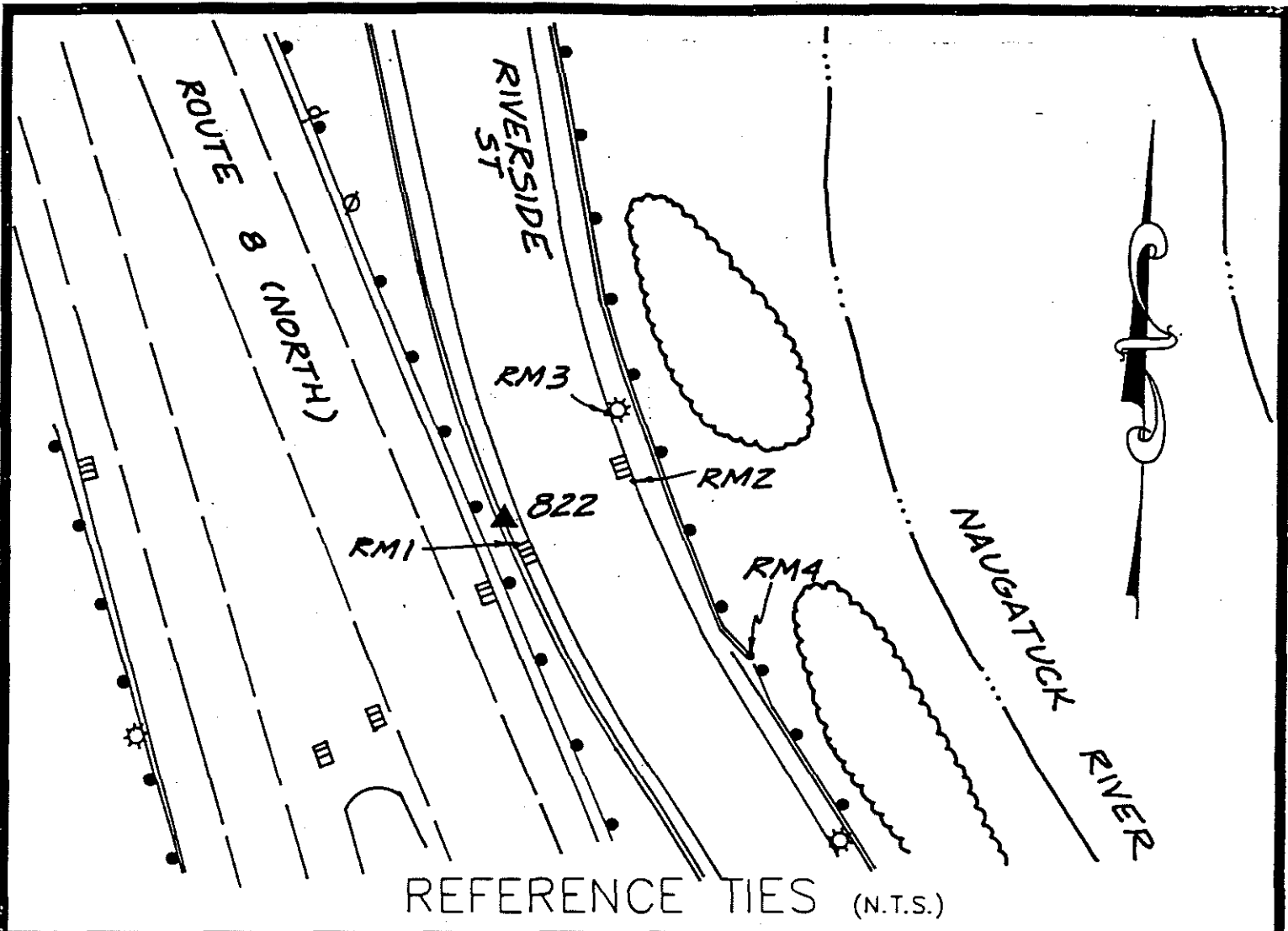
\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)

DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-821	599.416	0°-00'-00"	144°-38'-50.2"
CP-823	463.986	208°-11'-30.2"	353°-50'-20.5"
RM1	8.83	12°-01'-15"	
RM2	31.34	286°-53'-50"	
RM3	36.13	255°-41'-48"	
RM4	57.83	332°-25'-19"	



COMMENTS

STATION #822: SET BRASS DISK IN CONCRETE CURB ON THE WEST SIDE OF RIVERSIDE ST., ABOUT 650' NORTH OF THE CENTERLINE OF FREIGHT ST., ABOUT 10' NORTH OF A CATCH BASIN ON THE WEST SIDE OF RIVERSIDE ST.

RM1: SOUTH OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB 1' NORTH OF CATCH BASIN ON THE WEST SIDE OF RIVERSIDE ST.

RM2: EAST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB, 1' SOUTH OF CATCH BASIN ON THE EAST SIDE OF RIVERSIDE ST.

RM3: NORTHEAST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE A LIGHT STANDARD ON THE EAST SIDE OF RIVERSIDE ST.

RM4: SOUTHEAST OF STATION - A 3/8" DRILL HOLE IN THE SOUTHEAST CORNER OF BRIDGE ABUTMENT ON THE EAST SIDE OF RIVERSIDE ST.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 998-0324

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-823

IN THE TOWN OF  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 763,309.717 FEET  
 E. 916,714.583 FEET  
 DATE 6 - 15 - 83

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-20.10942"  
 LONG. 73°-03'-15.47044"  
 THETA ANGLE - 0°-12'-06.4"

**TYPE OF MARKER**  
 BRASS DISK

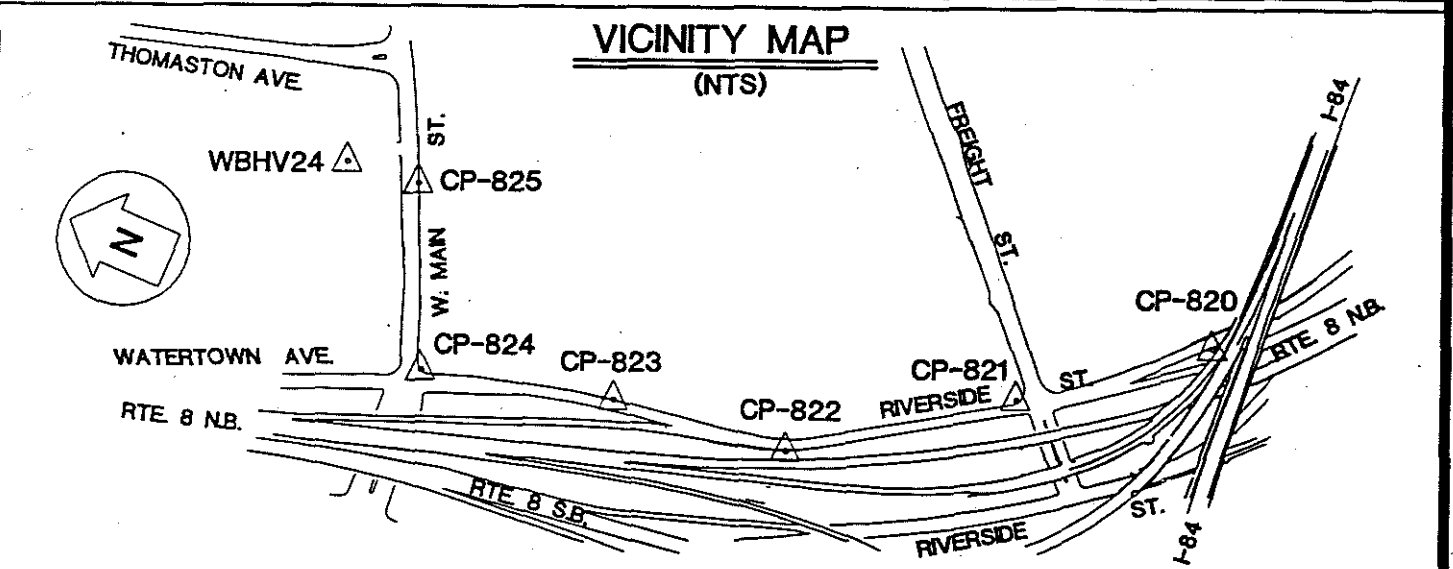
ALSO REFERRED TO AS STATION # \_\_\_\_\_

**ELEVATIONS**

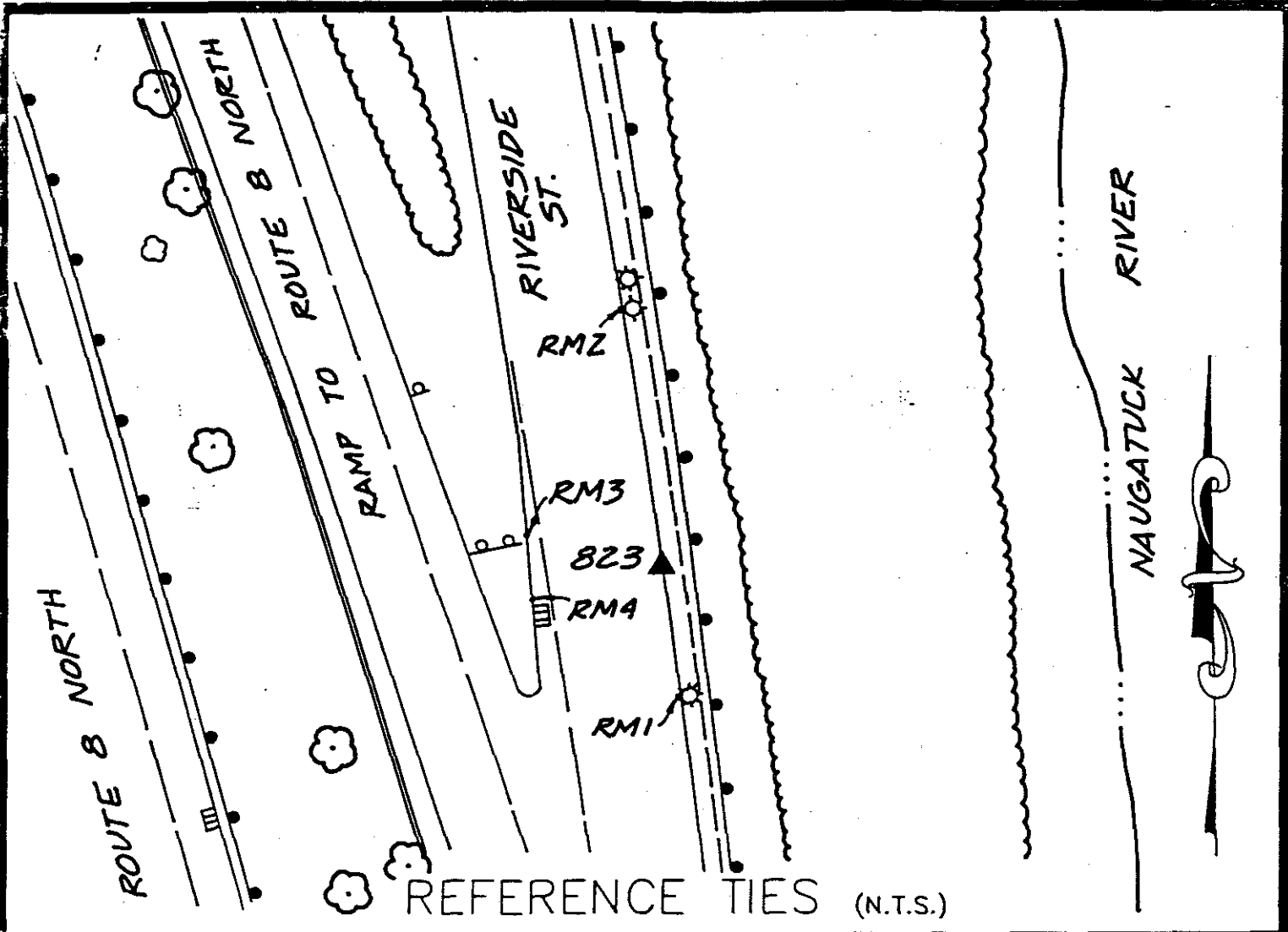
\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-822	463.986	0°-00'-00"	173°-50'-20.5"
CP-824	489.598	172°-00'-15.4"	345°-50'-35.8"
RM1	43.06	356°-53'-17"	
RM2	48.97	175°-48'-23"	
RM3	31.34	93°-20'-53"	
RM4	35.87	60°-58'-57"	



COMMENTS

- STATION #823: SET BRASS DISK IN CONCRETE CURB ON THE EAST SIDE OF RIVERSIDE ST., OPPOSITE RTE. #8 SIGN AND 500'± SOUTH OF WEST MAIN ST.
- RM1: SOUTH OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE LIGHT STANDARD ON THE EAST SIDE OF RIVERSIDE ST.
- RM2: NORTH OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE HYDRANT ON THE EAST SIDE OF RIVERSIDE ST.
- RM3: WEST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB OPPOSITE RTE. #8 SIGN ON THE WEST SIDE OF RIVERSIDE ST.
- RM4: WEST OF STATION - A 3/8" DRILL HOLE IN CONCRETE CURB 1'± NORTH OF A CATCH BASIN ON THE WEST SIDE OF RIVERSIDE ST.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)

**BGI**  
**THE BONGIOVANNI  
 GROUP, INC.**  
 LAND SURVEYORS  
 75 KITTS LANE NEWINGTON, CT (203) 866-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
 E. \_\_\_\_\_ FEET  
 DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
 LONG. \_\_\_\_\_  
 DATE \_\_\_\_\_

**STATION #**  
 CP-824

**IN THE TOWN OF**  
 WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 763,794.142 FEET  
 E. 916,592.394 FEET  
 DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-24.89117"  
 LONG. 73°-03'-17.10007"  
 THETA ANGLE - 0°-12'-07.4"

**TYPE OF MARKER**  
 CDOT MON.

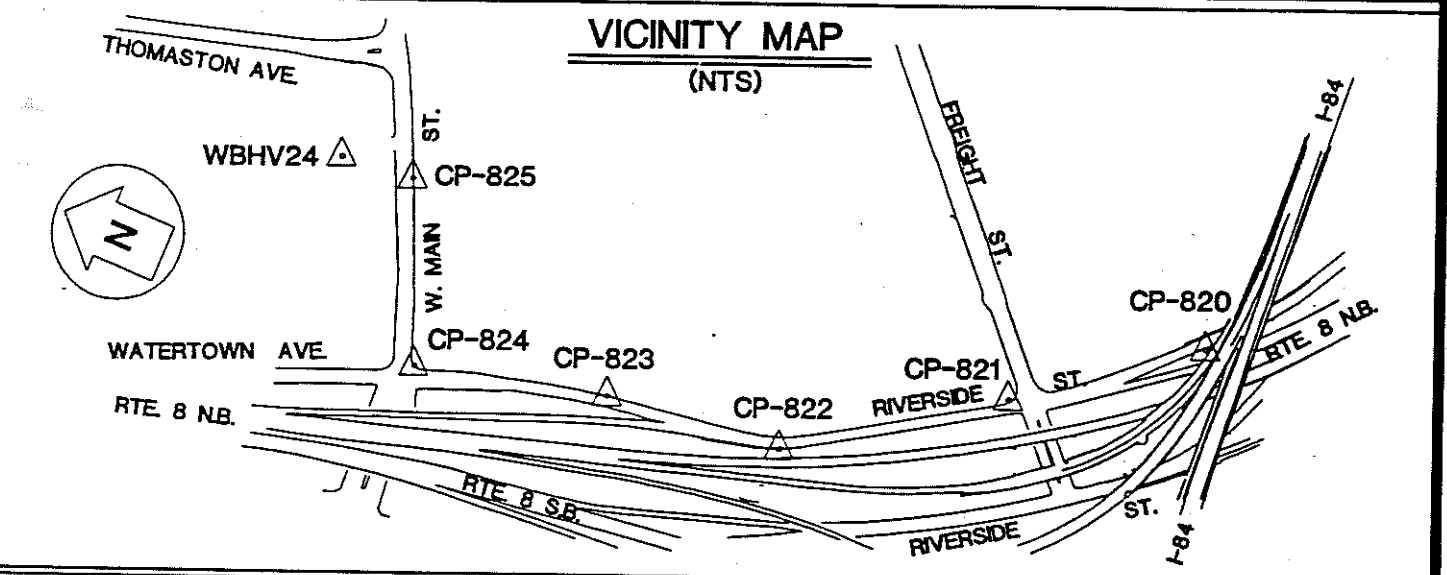
**ALSO REFERRED TO AS STATION #**  
 RAN C1882

**ELEVATIONS**

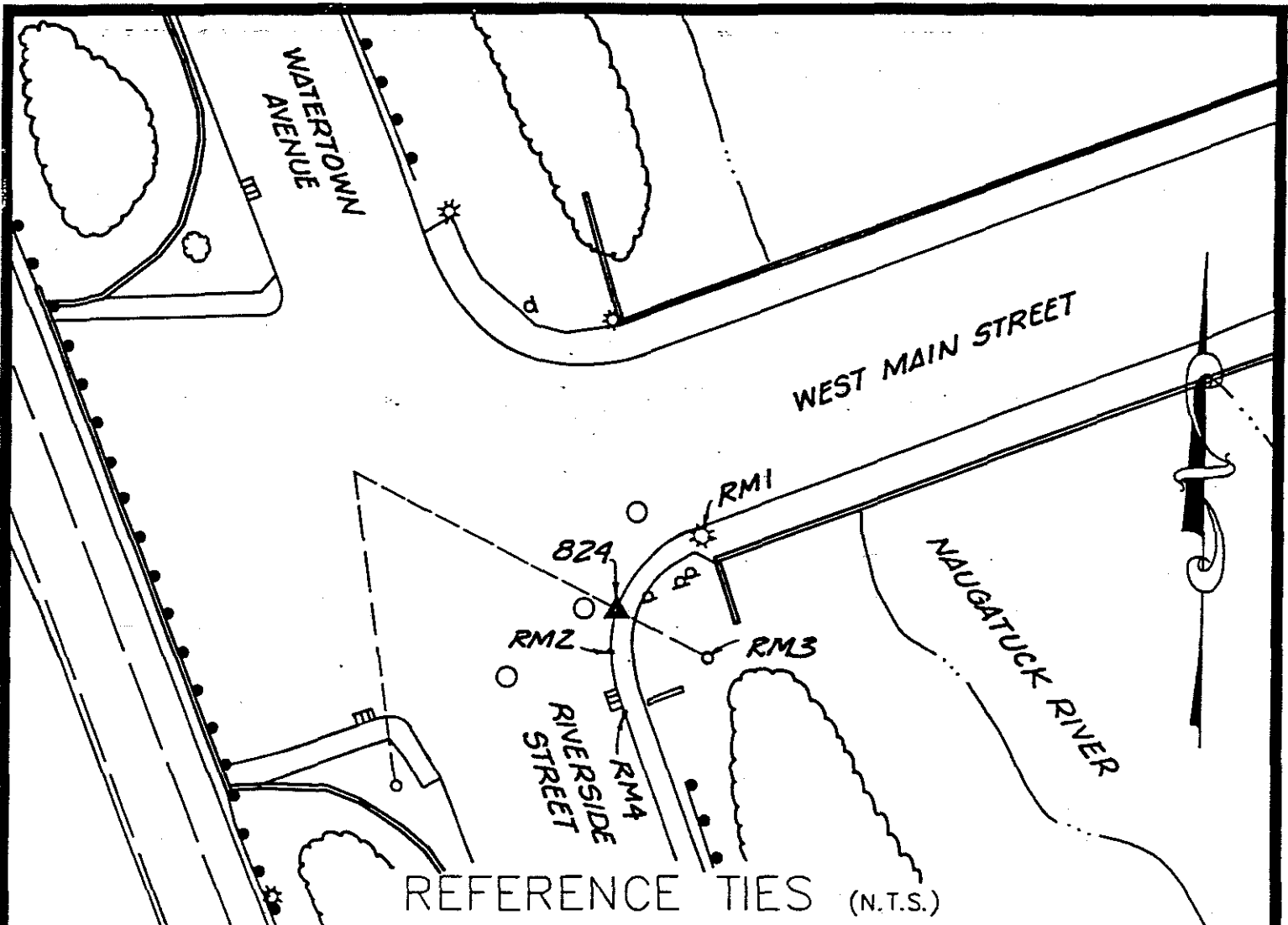
\_\_\_\_\_ FEET  
 (NAVD 88)  
 DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
 (CITY OF WATERBURY DATUM)  
 DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-823	499.598	0°-00'-00"	185°-50'-35.8"
CP-825	479.561	260°-28'-52.7"	88°-19'-28.6"
CP-521	484.928	88°-34'-15.7"	265°-24'-51.5"
RM1	23.72	245°-00'-30"	
RM2	11.68	32°-11'-04"	
RM3	24.27	321°-42'-51"	
RM4	29.14	13°-32'-48"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #824: CONN. D.O.T. RANDOM DISK IN THE SIDEWALK 6' WEST OF FIRE CALL BOX, EAST SIDE OF RIVERSIDE ST. AND SOUTH SIDE OF WEST MAIN ST.

RM1: NORTHEAST OF STATION - A 3/8" DRILL HOLE IN THE NORTHWEST CORNER OF A CONCRETE LIGHT STANDARD BASE ON THE SOUTH SIDE OF WEST MAIN ST.

RM2: SOUTH OF STATION - A 3/8" DRILL HOLE IN THE CONCRETE CURB OF A HANDICAP RAMP OPPOSITE OF A CHD MONUMENT

RM3: S.E. OF STATION - A 3/8" DRILL HOLE IN THE NORTHEAST CORNER OF A CONCRETE TRAFFIC CONTROL POLE BASE

RM4: SOUTH OF STATION - A 3/8" DRILL HOLE IN THE CONCRETE CURB 1' SOUTH OF A CATCH BASIN ON THE EAST SIDE OF RIVERSIDE ST.



# HORIZONTAL & VERTICAL CONTROL STATION (2ND ORDER CLASS I)



**THE BONGIOVANNI  
GROUP, INC.**  
LAND SURVEYORS  
75 KITTS LANE NEWINGTON, CT (203) 686-0134

**STATE PLANE COORDS  
(NAD '83 PRELIMINARY)**

N. \_\_\_\_\_ FEET  
E. \_\_\_\_\_ FEET  
DATE \_\_\_\_\_

**GEOGRAPHIC POSITION  
(NAD '83 PRELIMINARY)**

LAT. \_\_\_\_\_  
LONG. \_\_\_\_\_  
DATE \_\_\_\_\_

**STATION #**  
CP-825

**IN THE TOWN OF**  
WATERBURY

**STATE PLANE COORDS  
(NAD '83 FINAL)**

N. 763,986.712 FEET  
E. 917,031.593 FEET  
DATE 6 - 15 - 93

**GEOGRAPHIC POSITION  
(NAD '83 FINAL)**

LAT. 41°-33'-26.80899"  
LONG. 73°-03'-11.33201"  
THETA ANGLE - 0°-12'-03.6"

**TYPE OF MARKER**  
BRASS DISK

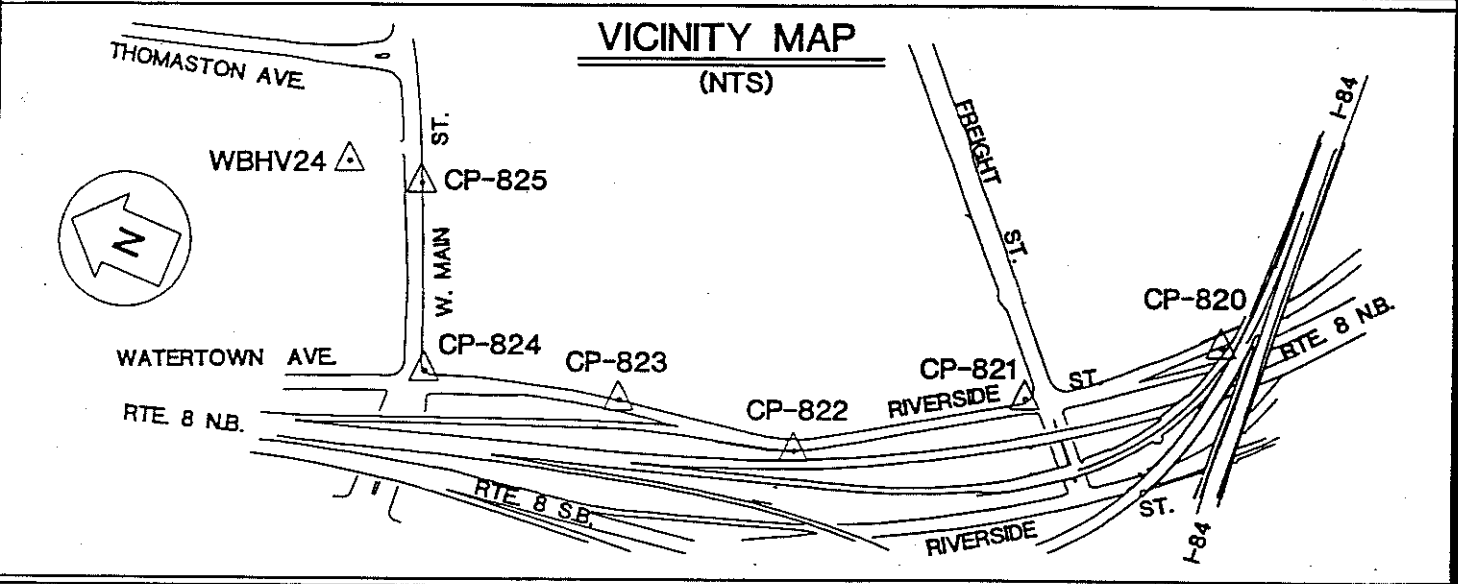
**ALSO REFERRED TO AS STATION #**  
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**ELEVATIONS**

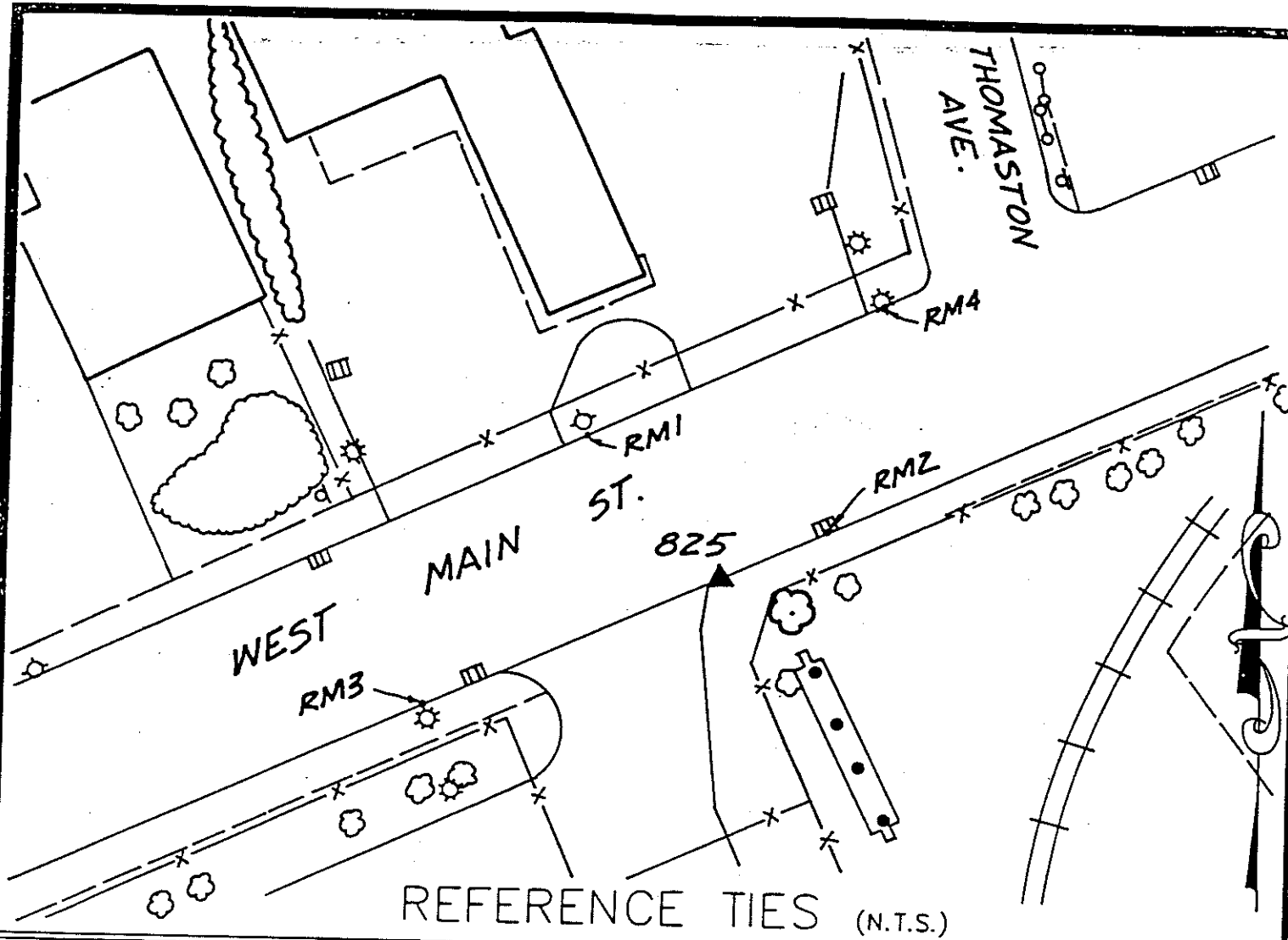
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(NAVD 88)  
DATE \_\_\_\_\_

\_\_\_\_\_ FEET  
(CITY OF WATERBURY DATUM)  
DATE \_\_\_\_\_

CONDITION OF STATION	BY	DATE



OBJECT	DISTANCE (FT.)	DIRECTION	PLANE AZIMUTH
CP-824	479.561	0°-00'-00"	246°-19'-28.6"
WBHV24	192.623	107°-39'-57.6"	353°-59'-26.1"
RM1	47.88	68°-20'-09"	
RM2	19.78	179°-11'-18"	
RM3	79.45	358°-59'-01"	
RM4	77.83	140°-52'-21"	



REFERENCE TIES (N.T.S.)

COMMENTS

STATION #825: SET BRASS DISK IN CONCRETE CURB ON THE SOUTH SIDE OF WEST MAIN ST., 5' WEST OF EAST RANGE OF THE GAS STATION, 90'± WEST OF THE CENTERLINE OF THOMASTON AVE.

RM1: NORTHWEST OF STATION - A 3/8" DRILL HOLE IN THE CONCRETE CURB OPPOSITE A HYDRANT ON THE NORTH SIDE OF WEST MAIN ST.

RM2: NORTHEAST OF STATION - A 3/8" DRILL HOLE IN THE TOP OF CURB OF A CATCH BASIN ON THE SOUTH SIDE OF WEST MAIN ST.

RM3: SOUTHWEST OF STATION - A 3/8" DRILL HOLE IN THE CONCRETE CURB OPPOSITE THE LIGHT STANDARD ON THE SOUTH SIDE OF WEST MAIN ST.

RM4: NORTHEAST OF STATION - A 3/8" DRILL HOLE IN THE SOUTHWEST CORNER OF A CONCRETE LIGHT STANDARD BASE ON THE NORTH SIDE OF WEST MAIN ST.





