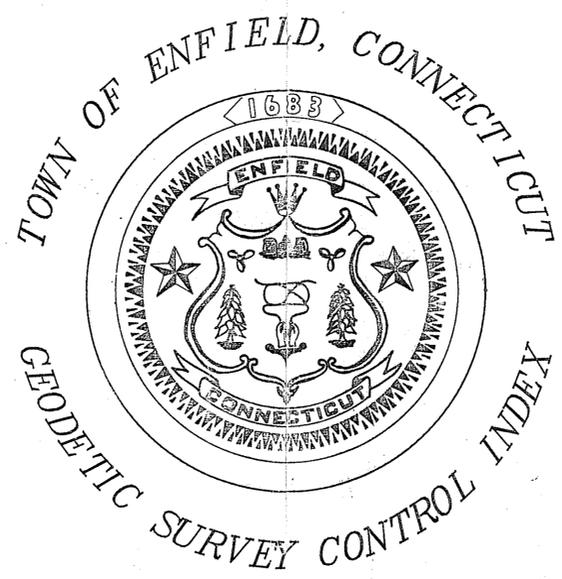
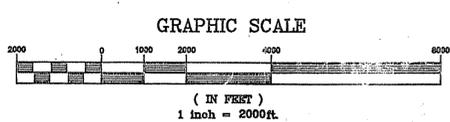




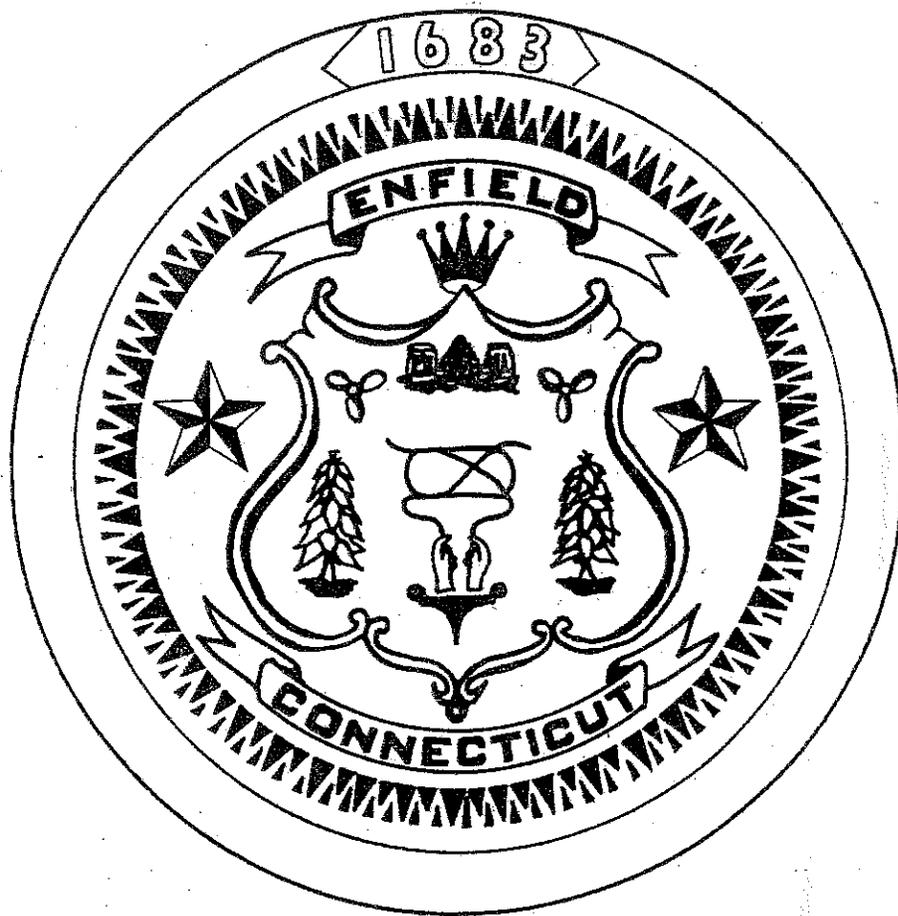
LEGEND:

- ▲ - SURVEY CONTROL STATION (HORIZONTAL & VERTICAL VALUES)
- - BENCHMARK



PREPARED BY  
J.R. RUSSO & ASSOCIATES  
A.D.R. GEODETIC SERVICES

TOWN OF ENFIELD, CONNECTICUT



SURVEY CONTROL REPORT

# TOWN OF ENFIELD, CONNECTICUT

## GEODETIC SURVEY CONTROL

TOWN: Somers

STATION: 517

U.S.G.S. QUAD.:

STREET: Brown Hill Road DATE SET: January 1991

BY: J.R. Russo & Associates

**COORDINATES**  
(N.A.D. 1983) (C.S.P.C.S.)

NORTHING = 937126.099

---

EASTING = 1067271.408

---

LATITUDE = 42:01'57.78920"N

---

LONGITUDE = 72:30'08.61276"W

---

ELEVATION (N.G.V.D. 1929) = 332.55

---

GRID FACTOR =

---

PROJECTION =

OBJECT	DISTANCE (FT.)	AZIMUTH (0° NORTH)
T-1	76.85'	
T-2	85.99'	
T-3	18.31'	
AZIMUTH MARK		

**STATION DESCRIPTION:** The station is a 2" diameter disk set on top of a 36" rebar. The disk is recessed 1/2" into pavement and is 4' off the west edge of pavement.

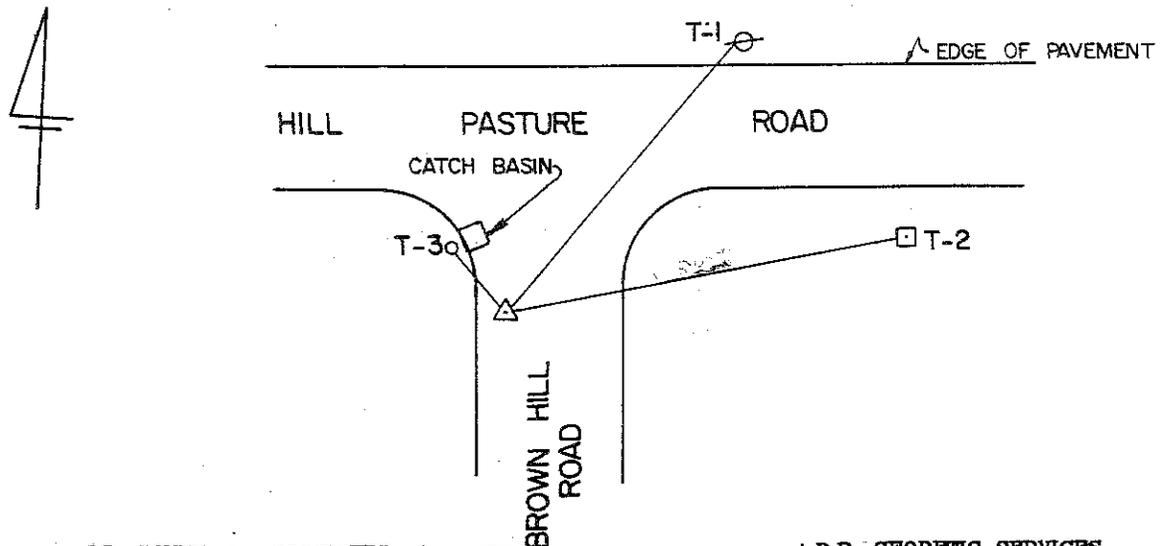
T-1 NE of Station : Double headed nail with shiner on west face of utility pole CL & P 2849.

T-2 E of Station : Center of concrete monument.

T-3 NW of Station : A punch hole in the top of a 5/8" rebar driven flush with surface of ground. It is located 1' east of the south-east corner of catch basin.

**AZIMUTH MARK:**

**SKETCH (N.T.S.)**



# TOWN OF ENFIELD, CONNECTICUT

## GEODETIC SURVEY CONTROL

TOWN: East Longmeadow, MA STATION: 518

U.S.G.S. QUAD.: Springfield  
south Ma - CT

STREET: Yarmouth Street DATE SET: January 1991

BY: J.R. Russo & Associates

COORDINATES (N.A.D. 1983) (C.S.P.C.S.)	
NORTHING =	938364.718
EASTING =	1055058.912
LATITUDE =	42:02'10.33935"N
LONGITUDE =	72:32'50.39664"W
ELEVATION (N.G.V.D. 1929) =	197.49
GRID FACTOR =	1.000021569
PROJECTION =	Lambert

OBJECT	DISTANCE (FT.)	AZIMUTH (0° NORTH)
T-1	79.95'	
T-2	27.91'	
T-3	61.91'	
AZIMUTH MARK		

**STATION DESCRIPTION:** The station is a railroad spike with a drill hole on the top. The spike is driven flush with the surface of the pavement and is 4'± off the south edge of the pavement. The station is located at the intersection of Oak Road and Yarmouth Street.

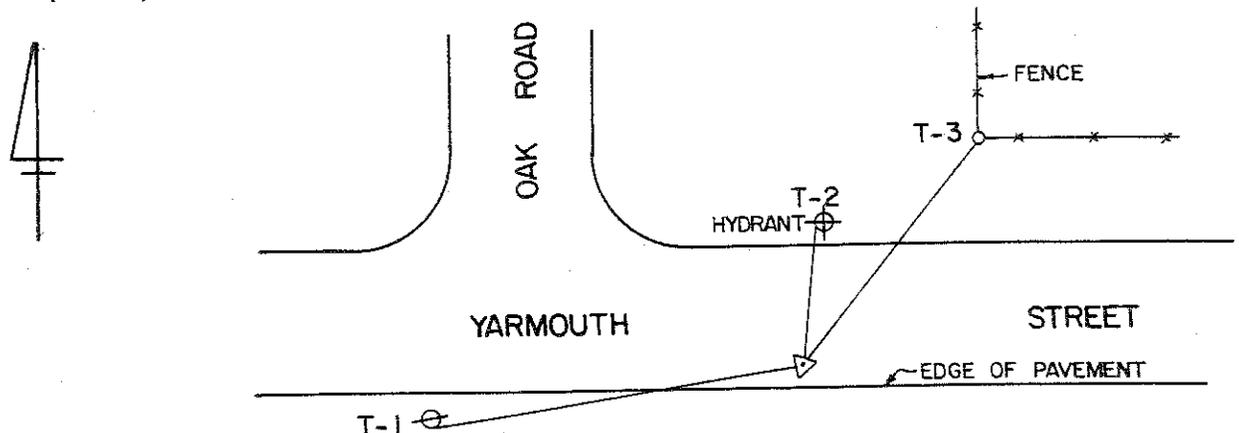
T-1    W of station    :    A double headed nail with shiner on the south face of utility pole WME Co. #9.

T-2    N of station    :    A drill hole in the top of hydrant cap between the words "Orange" and "N.J.".

T-3    NE of station    :    A drill hole in the south corner of concrete base for fence post.

AZIMUTH MARK:

SKETCH (N.T.S.)



# TOWN OF ENFIELD, CONNECTICUT

## GEODETIC SURVEY CONTROL

TOWN: East Longmeadow, MA    STATION: 519    U.S.G.S. QUAD.: Springfield south MA - CT  
 STREET: Route 5    DATE SET: January 1991    BY: J.R. Russo & Associates

COORDINATES (N.A.D. 1983) (C.S.P.C.S.)	
NORTHING =	938596.761
EASTING =	1045200.401
LATITUDE =	42:02'12.83957"N
LONGITUDE =	72:35'01.02867"W
ELEVATION (N.G.V.D. 1929) =	80.32
GRID FACTOR =	1.000021675
PROJECTION =	Lambert

OBJECT	DISTANCE (FT.)	AZIMUTH (0° NORTH)
T-1	30.01'	
T-2	26.24'	
T-3	42.19'	
AZIMUTH MARK		

**STATION DESCRIPTION:** The station is a 2" diameter disk set on the top of a 36" rebar. The disk is recessed 1/2" into the ground and is located in a grass strip between the edge of pavement and concrete walk. To reach the station from the intersection of Bark Hall Road and Route 5 proceed south on Route 5 50'± to the station on the left (east).

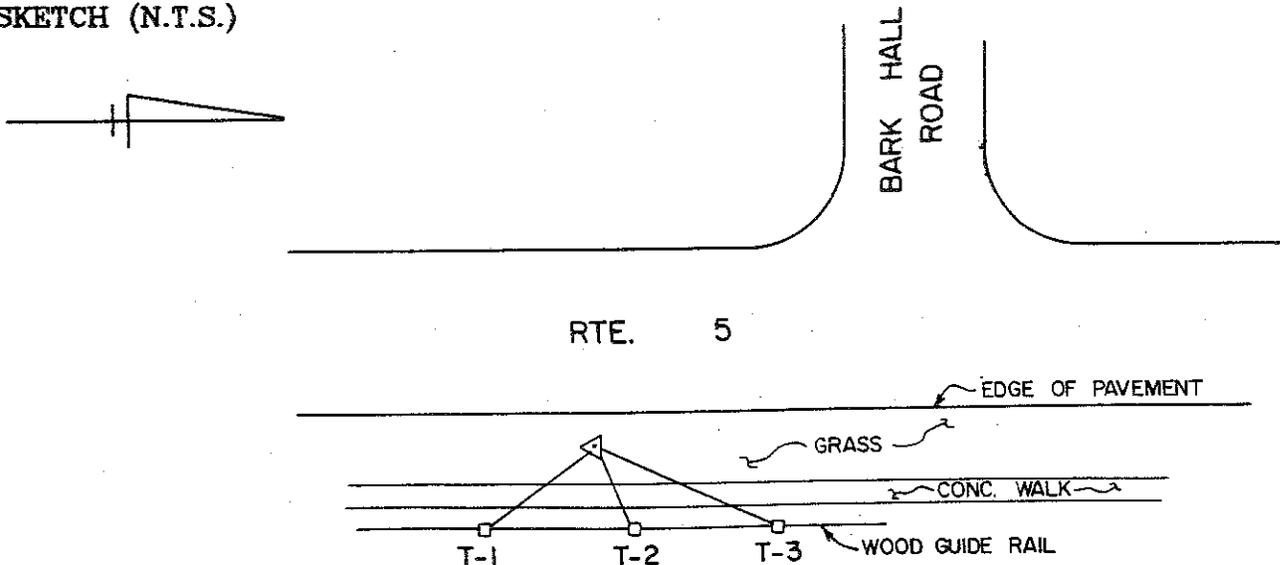
T-1 SE to station : A double headed nail with shiner on the north face of a guiderail post.

T-2 E of station : A double headed nail with shiner on the south face of a guiderail post.

T-3 NE of station : A double headed nail with shiner on the south face of a guiderail post.

AZIMUTH MARK:

SKETCH (N.T.S.)



# TOWN OF ENFIELD, CONNECTICUT

## GEODETIC SURVEY CONTROL

TOWN: East Longmeadow, MA STATION: 520

U.S.G.S. QUAD.: Springfield  
south MA - CT

STREET: RT 5 & Bellevue Av. DATE SET: January 1991

BY: J.R. Russo & Associates

COORDINATES (N.A.D. 1983) (C.S.P.C.S.)	
NORTHING =	934710.916
EASTING =	1045465.529
LATITUDE =	42:01'34.44771"N
LONGITUDE =	72:34'57.61505"W
ELEVATION (N.G.V.D. 1929) =	141.18
GRID FACTOR =	1.000020058
PROJECTION =	Lambert

OBJECT	DISTANCE (FT.)	AZIMUTH (0° NORTH)
T-1	12.24'	
T-2	44.03'	
T-3	81.90'	
AZIMUTH MARK		

**STATION DESCRIPTION:** The station is a 2" diameter disk set on the top of a 36" rebar. The disk is recessed 1/2" into the pavement and is 4'± off the south edge of the pavement. The station is located at the intersection of Bellevue Avenue and Route 5.

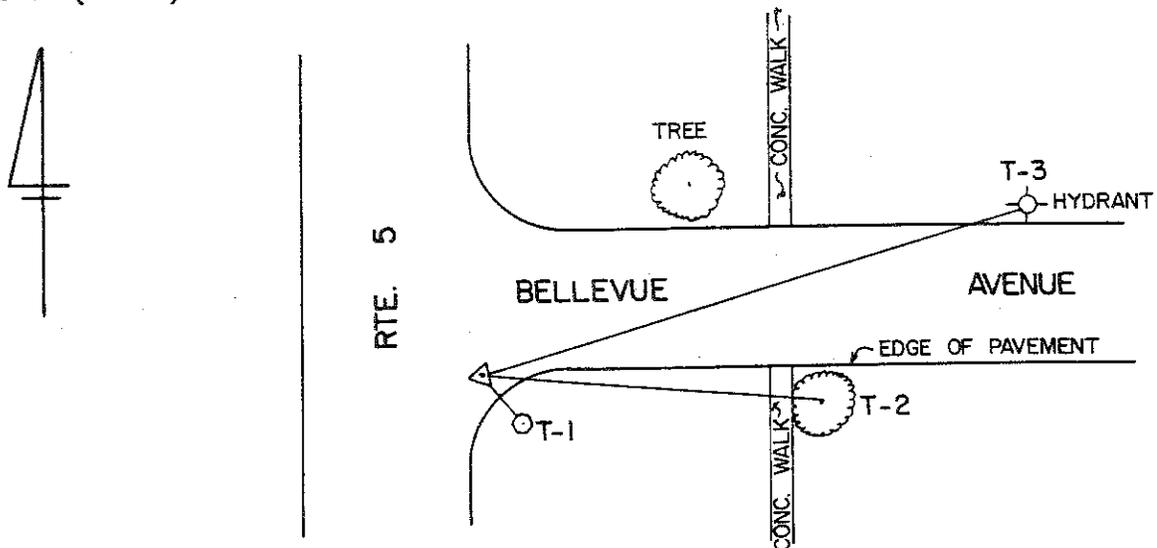
T-1 SE of station : A drill hole in the north face of a metal base light pole.

T-2 E of station : A double headed nail with shiner on the north face of a 14" maple tree.

T-3 NE of station : A drill hole in the top of hydrant cap, on the southwest side, above the letter "E" in the word "Albert".

AZIMUTH MARK:

SKETCH (N.T.S.)



# TOWN OF ENFIELD, CONNECTICUT

## GEODETIC SURVEY CONTROL

TOWN: Enfield

STATION: 521

U.S.G.S. QUAD.: Springfield  
south MA - CT

STREET: Ashmead Condominiums  
Brainard Road

DATE SET: January 1991

BY: J.R. Russo & Associates

COORDINATES (N.A.D. 1983) (C.S.P.C.S.)	
NORTHING =	934536.733
EASTING =	1055225.999
LATITUDE =	42:01'32.52027"N
LONGITUDE =	72:32'48.30184"W
ELEVATION (N.G.V.D. 1929) =	187.59
GRID FACTOR =	1.000019977
PROJECTION =	Lambert

OBJECT	DISTANCE (FT.)	AZIMUTH (0° NORTH)
T-1	108.05'	230-16-42
T-2	74.37'	92-14-45
T-3	85.94'	167-52-40
AZIMUTH MARK	542.26'	214-07-10

**STATION DESCRIPTION:** The station is a 2" diameter disk set on top of a 36" rebar. The disk is recessed 1/2" into the pavement and is 4'± off the north edge of Ashmead Condominiums building# 4 parking lot. To reach the station head east on Brainard Road to 327 Ashmead Condos, proceed north 0.15 miles to the station on the left (north)

T-1 SW of station : A drill hole in the northeast corner of curbed catch basin.

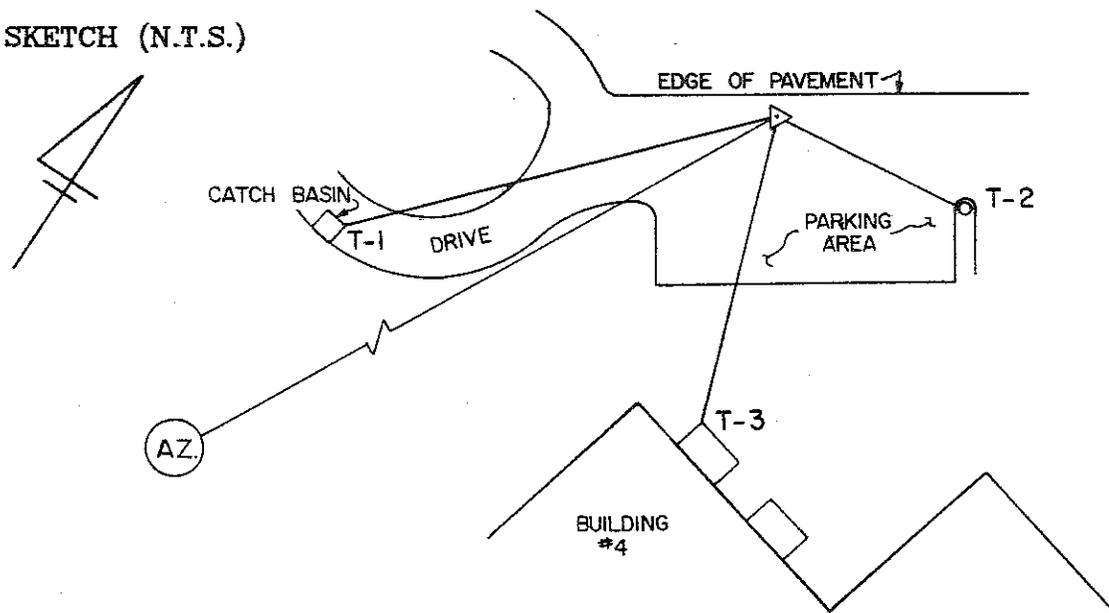
T-2 E of station : A drill hole in concrete walk 1'± back from center line of curb.

T-3 SE of station : A point on the northwest corner of concrete porch.

**AZIMUTH MARK:**

PK at top of south curb line 10'± west of transformer pad at north side of Ashmead Condominium building# 2.

**SKETCH (N.T.S.)**



# TOWN OF ENFIELD, CONNECTICUT

## GEODETIC SURVEY CONTROL

TOWN: Somers

STATION: 522

U.S.G.S. QUAD.:

STREET: Bilton Road

DATE SET: January 1991

BY: J.R. Russo & Associates

COORDINATES (N.A.D. 1983) (C.S.P.C.S.)	
NORTHING =	932923.930
EASTING =	1067279.004
LATITUDE =	42:0'16.27737"N
LONGITUDE =	72:30'08.67165"W
ELEVATION (N.G.V.D. 1929) =	272.23
GRID FACTOR =	
PROJECTION =	

OBJECT	DISTANCE (FT.)	AZIMUTH (0° NORTH)
T-1	118.18'	
T-2	109.72'	
T-3	58.50'	
AZIMUTH MARK		

**STATION DESCRIPTION:** The station is a 2" diameter disk set on top of a 36" rebar. The disk is recessed 1/2" into pavement and is 4' off the east edge of the pavement. To reach the station from the intersection of Taylor Road and Bilton Road proceed northeast on Bilton Road 0.8 miles to station on the right (east).

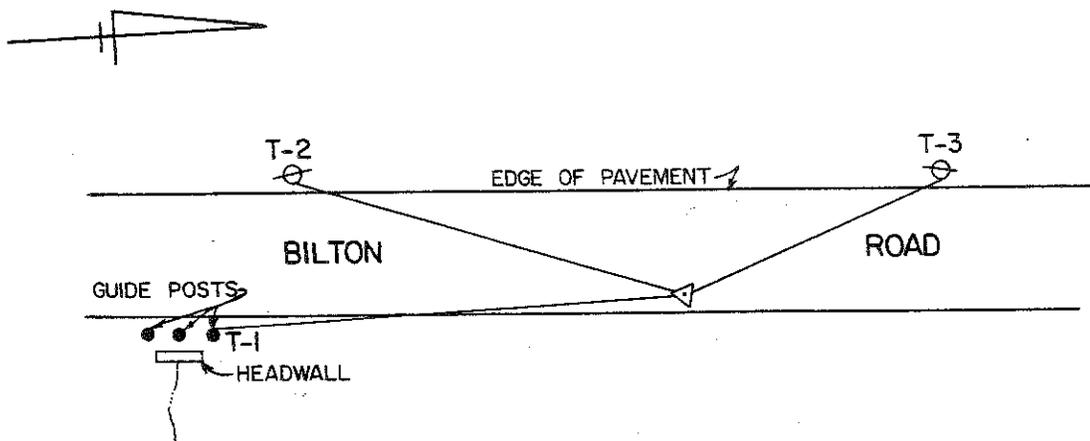
T-1 S of station : A double headed nail with shiner on west side of northerly guide post.

T-2 SW of station : A double headed nail with shiner on east side of utility pole CL & P 27928.

T-3 NW of station : A double headed nail with shiner on east side of utility pole CL & P 27929.

AZIMUTH MARK:

SKETCH (N.T.S.)



# TOWN OF ENFIELD, CONNECTICUT

## GEODETIC SURVEY CONTROL

TOWN: Somers

STATION: 524

U.S.G.S. QUAD.:

STREET: George Wood Road

DATE SET: January 1991

BY: J.R. Russo & Associates

COORDINATES (N.A.D. 1983) (C.S.P.C.S.)	
NORTHING =	927668.324
EASTING =	1067129.696
LATITUDE =	42:00'24.36325"N
LONGITUDE =	72:30'10.84873"W
ELEVATION (N.G.V.D. 1929) =	216.03
GRID FACTOR =	
PROJECTION =	

OBJECT	DISTANCE (FT.)	AZIMUTH (0° NORTH)
T-1	25.26'	
T-2	44.51'	
T-3	47.92'	
AZIMUTH MARK		

**STATION DESCRIPTION:** The station is a 2" diameter disk set on the top of a 36" rebar. The disk is recessed 1/2" into the pavement and 4' off the south edge of the pavement. To reach the station from the intersection of Somers Road and George Wood Road proceed east on George Wood Road 0.5 miles to station on right (south).

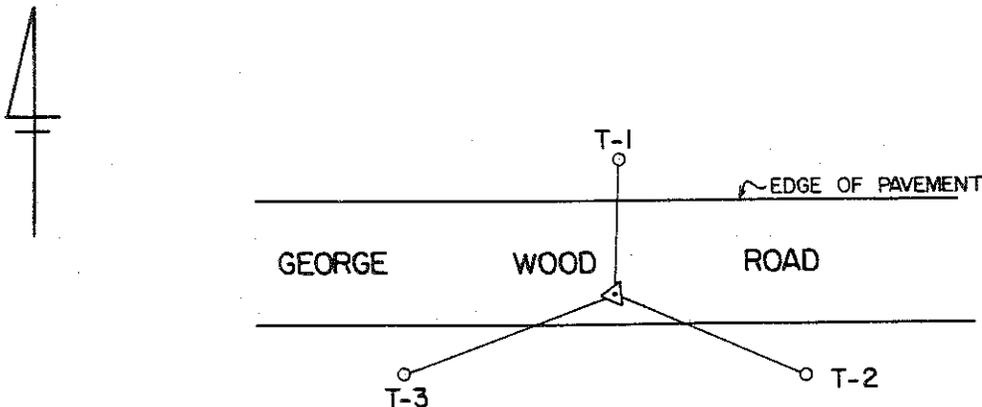
T-1 N of station : A punch hole in the top of a 5/8" rebar driven flush with the surface of the ground.

T-2 SE of station : A punch hole in the top of a 5/8" rebar driven flush with the surface of the ground.

T-3 SW of station : A punch hole in the top of a 5/8" rebar driven flush with the surface of the ground.

AZIMUTH MARK:

SKETCH (N.T.S.)



# TOWN OF ENFIELD, CONNECTICUT

## GEODETIC SURVEY CONTROL

TOWN: Enfield                      STATION: 525                      U.S.G.S. QUAD.: Springfield South, MA - CT

STREET: Shaker Road              DATE SET: January 1991              BY: J.R. Russo & Associates

COORDINATES (N.A.D. 1983) (C.S.P.C.S.)	OBJECT	DISTANCE (FT.)	AZIMUTH (0° NORTH)
NORTHING = 927109.545	T-1	130.54'	195-01-39
EASTING = 1052565.356	T-2	94.91'	251-23-04
LATITUDE = 42:00'19.20987"N	T-3	69.72'	42-51-19
LONGITUDE = 72:33'23.77324"W	AZIMUTH MARK	1193.43'	56-11-39
ELEVATION (N.G.V.D. 1929) = 141.96			
GRID FACTOR = 1.000016988			
PROJECTION = Lambert			

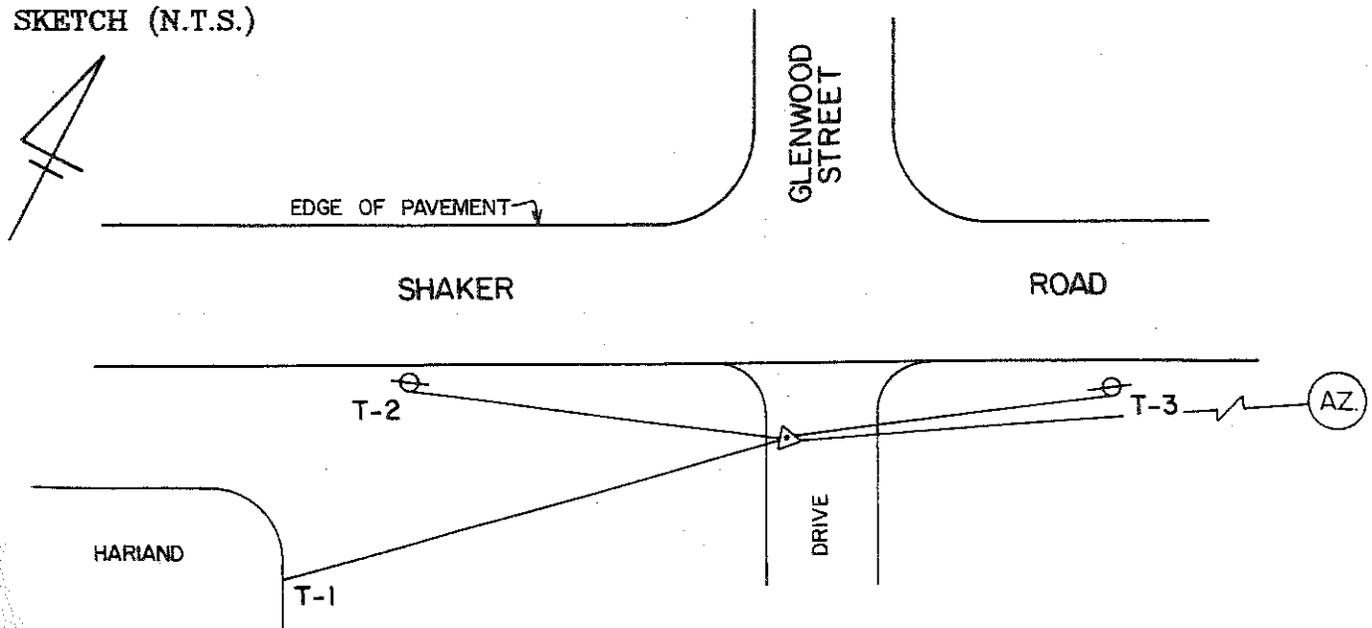
**STATION DESCRIPTION:** The station is a 2" diameter disk set on the top of a 36" rebar. The disk is recessed 1/2" into the pavement. The station is located at the intersection of Shaker Road and Glenwood Street in the driveway of Hariand.

- T-1** SW of station : On the northwest face of building, west of the door, the top corner of brick just below the window.
- T-2** W of station : A double headed nail with shiner on the south face of utility pole CL & P 2300.
- T-3** NE of station : A double headed nail with shiner on the south face of utility pole CL & P 2301.

**AZIMUTH MARK:**

A punch hole in the top of an iron pin driven flush with the surface of the ground. It is located northeast of the station and is 3'± off the northerly edge of pavement on Shaker Road.

**SKETCH (N.T.S.)**





# TOWN OF ENFIELD, CONNECTICUT

## GEODETTIC SURVEY CONTROL

TOWN: Enfield                      STATION: 527                      U.S.G.S. QUAD.: Broad Brook

STREET: Southview Street      DATE SET: January 1991              BY: J.R. Russo & Associates

COORDINATES (N.A.D. 1983) (C.S.P.C.S.)	
NORTHING =	919854.272
EASTING =	1057138.774
LATITUDE =	41:59'07.43149"N
LONGITUDE =	72:32'23.43238"W
ELEVATION (N.G.V.D. 1929) =	174.56
GRID FACTOR =	1.000014184
PROJECTION =	Lambert

OBJECT	DISTANCE (FT.)	AZIMUTH (0° NORTH)
T-1	57.94'	355-40-54
T-2	40.35'	288-35-42
T-3	85.29'	261-26-57
AZIMUTH MARK	1012.74'	280-44-47

**STATION DESCRIPTION:** The station is a 2" diameter disk set on top of a 36" rebar. The disk is recessed 1/2" into the pavement and is 4'± off the north edge of the pavement. The station is located at the intersection of South Maple Street and Southview Street.

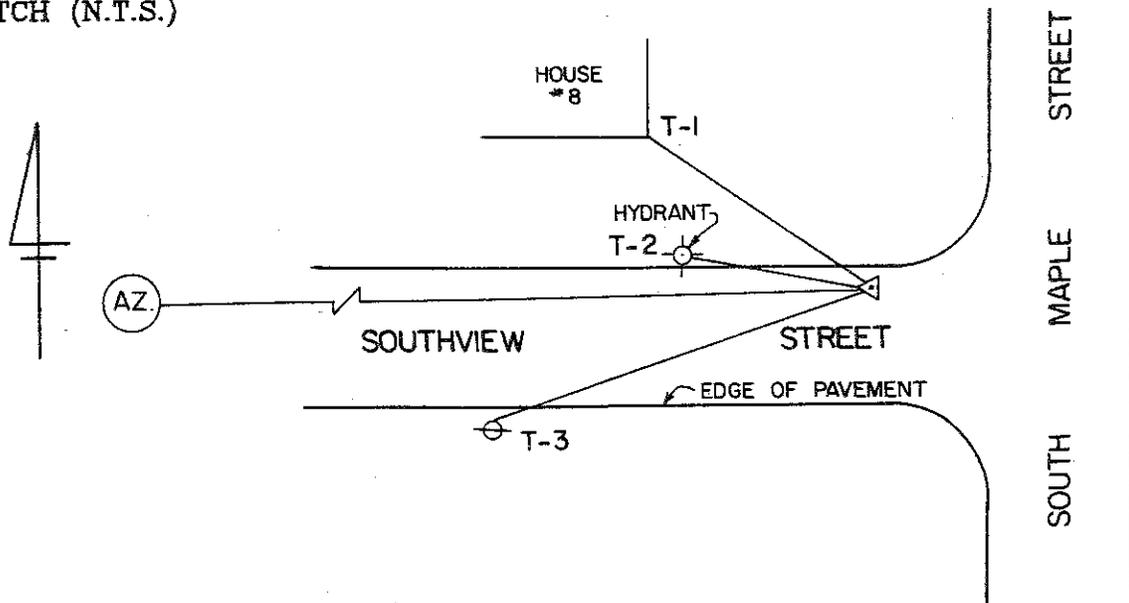
**T-1**      NW of station      :      Top of brick foundation of southeast corner of house # 8, just below the siding.

**T-2**      W of station      :      A punch hole on top of east rim of fire hydrant.

**T-3**      SW of station      :      A double headed nail with shiner on the north face of utility pole CL & P 2091.

**AZIMUTH MARK:**      A punch hole on the top of an iron pin driven flush with the surface of the ground. It is located west of the station 2'± off the south edge of Southview Street.

**SKETCH (N.T.S.)**



# TOWN OF ENFIELD, CONNECTICUT

## GEODETIC SURVEY CONTROL

TOWN: Enfield                      STATION: 528                      U.S.G.S. QUAD.: Broad Brook  
 STREET: Taylor Road and Sheridan Street      DATE SET: January 1991      BY: J.R. Russo & Associates

**COORDINATES**  
(N.A.D. 1983) (C.S.P.C.S.)

NORTHING = 924526.798

---

EASTING = 1063920.578

---

LATITUDE = 41:59'53.41751

---

LONGITUDE = 72:30'53.46739

---

ELEVATION (N.G.V.D. 1929) =

---

GRID FACTOR = 1.000015966

---

PROJECTION = Lambert

OBJECT	DISTANCE (FT.)	AZIMUTH (0° NORTH)
T-1	43.67'	247-14-21
T-2	17.40'	196-54-38
T-3	54.10'	72-37-58
AZIMUTH MARK	830.53'	177-16-56

**STATION DESCRIPTION:** The station is a 2" diameter disk set on top of a 36" rebar. The disk is recessed 1/2" into the ground. The station is located at the intersection of Taylor Road and Sheridan Street.

T-1 W of station : A pk nail on the east face of utility pole CL & P 13147S.

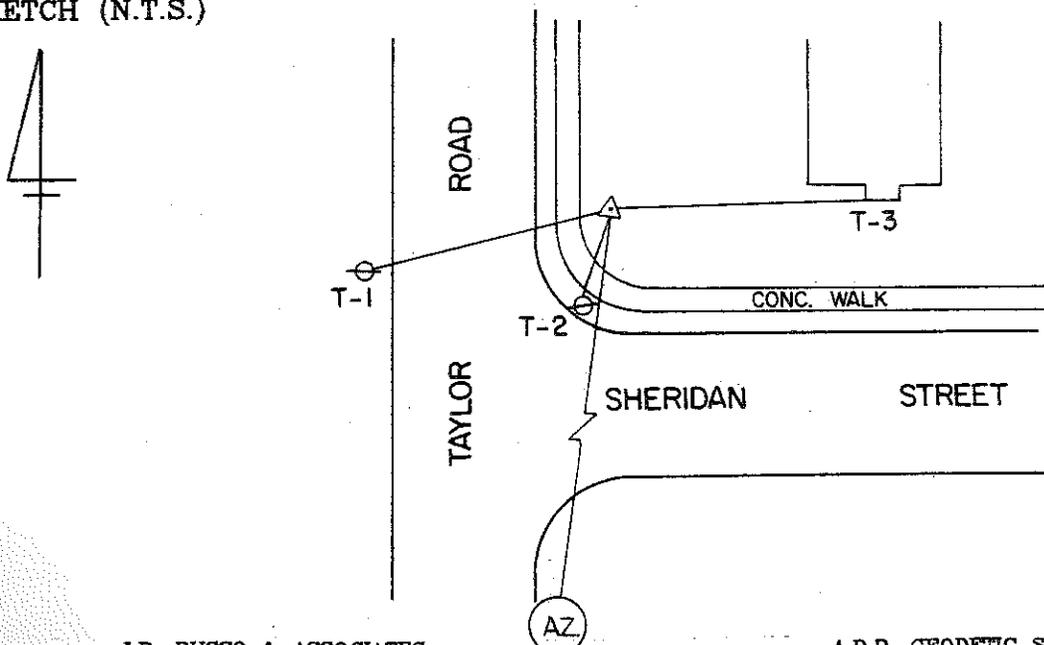
T-2 S of station : A pk nail on the north face of utility pole CL & P 13147.

T-3 E of station : The top of third brick up from the bottom of the southeast corner of chimney.

**AZIMUTH MARK:**

A punch hole in the top of an iron pin driven flush with the surface of the ground. It is located south of the station on Taylor Road approximately 2'± west of the west edge of pavement.

**SKETCH (N.T.S.)**



# TOWN OF ENFIELD, CONNECTICUT

## GEODETIC SURVEY CONTROL

TOWN: Somers

STATION: 529

U.S.G.S. QUAD.:

STREET: Shaker Road

DATE SET: January 1991

BY: J.R. Russo & Associates

COORDINATES (N.A.D. 1983) (C.S.P.C.S.)	
NORTHING =	923459.612
EASTING =	1068474.620
LATITUDE =	41:59'42.74831"N
LONGITUDE =	72:29'53.19744"W
ELEVATION (N.G.V.D. 1929) =	205.61
GRID FACTOR =	
PROJECTION =	

OBJECT	DISTANCE (FT.)	AZIMUTH (0° NORTH)
T-1	20.84'	
T-2	102.86'	
T-3	83.09'	
AZIMUTH MARK		

**STATION DESCRIPTION:** The station is a 2" diameter disk set on top of a 36" rebar. The disk is recessed 1/2" into the pavement and is 4' off the westerly edge of the pavement. To reach the station from the intersection of Main Street (Rt 190) and Shaker Road proceed north on Shaker Road 0.9 miles to station on the left (west).

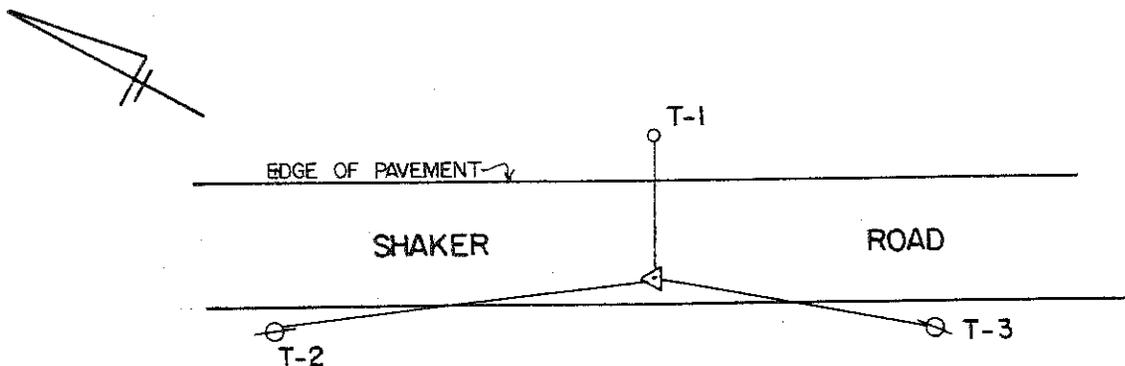
T-1 E of station : A punch hole in the top of a 5/8" rebar driven flush with the surface of the ground.

T-2 N of station : A double headed nail with shiner on east face of utility pole CL & P 1419.

T-3 S of station : A double headed nail with shiner on west face of utility pole CL & P 1418.

AZIMUTH MARK:

SKETCH (N.T.S.)



# TOWN OF ENFIELD, CONNECTICUT

## GEODETIC SURVEY CONTROL

TOWN: Somers

STATION: 530

U.S.G.S. QUAD.:

STREET: Shaker Road

DATE SET: January 1991

BY: J.R. Russo & Associates

COORDINATES (N.A.D. 1983) (C.S.P.C.S.)	
NORTHING =	921881.763
EASTING =	1069900.119
LATITUDE =	41:59'27.11970"N
LONGITUDE =	72:29'34.38198"W
ELEVATION (N.G.V.D. 1929) =	191.36
GRID FACTOR =	
PROJECTION =	

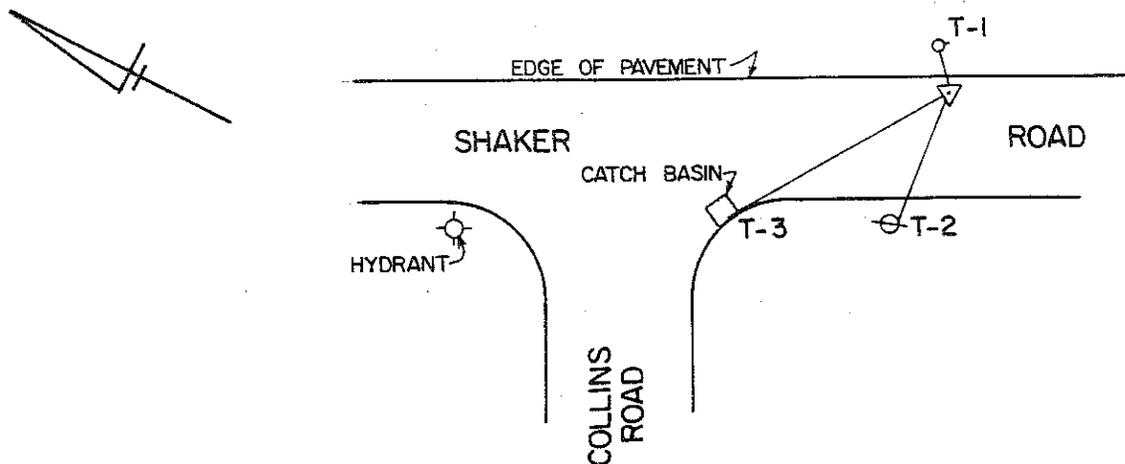
OBJECT	DISTANCE (FT.)	AZIMUTH (0° NORTH)
T-1	8.74'	
T-2	27.15'	
T-3	54.64'	
AZIMUTH MARK		

**STATION DESCRIPTION:** The station is a 2" diameter disk set on top of a 36" rebar. The disk is set 1/2" into the pavement and is 4' off the east edge of the pavement to reach the station from the intersection of Main Street (Rt 190) and Shaker Road proceed north on Shaker Road 0.4 miles to the station on the right (east).

- T-1 E of station :** A punch hole in the top of a 5/8" rebar driven flush with the surface of the ground. It is located 4.5' off the east edge of the road.
- T-2 W of station :** A double headed nail with shiner on utility pole CL & P 1404.
- T-3 NW of station :** A drill hole in southeast corner of concrete curb of catch basin.

AZIMUTH MARK:

SKETCH (N.T.S.)



# TOWN OF ENFIELD, CONNECTICUT

## GEODETIC SURVEY CONTROL

TOWN: Somers

STATION: 531

U.S.G.S. QUAD.:

STREET: Main Street

DATE SET: January 1991

BY: J.R. Russo & Associates

COORDINATES (N.A.D. 1983) (C.S.P.C.S.)	
NORTHING =	919720.751
EASTING =	1070531.191
LATITUDE =	41:59'05.75300"N
LONGITUDE =	72:29'26.11128"W
ELEVATION (N.G.V.D. 1929) =	199.01
GRID FACTOR =	
PROJECTION =	

OBJECT	DISTANCE (FT.)	AZIMUTH (0° NORTH)
T-1	56.68'	
T-2	19.19'	
T-3	28.16'	
AZIMUTH MARK		

**STATION DESCRIPTION:** The station is a 2" diameter disk set on top of a 36" rebar. The disk is recessed 1/2" into the pavement and is 4' off the edge of pavement.

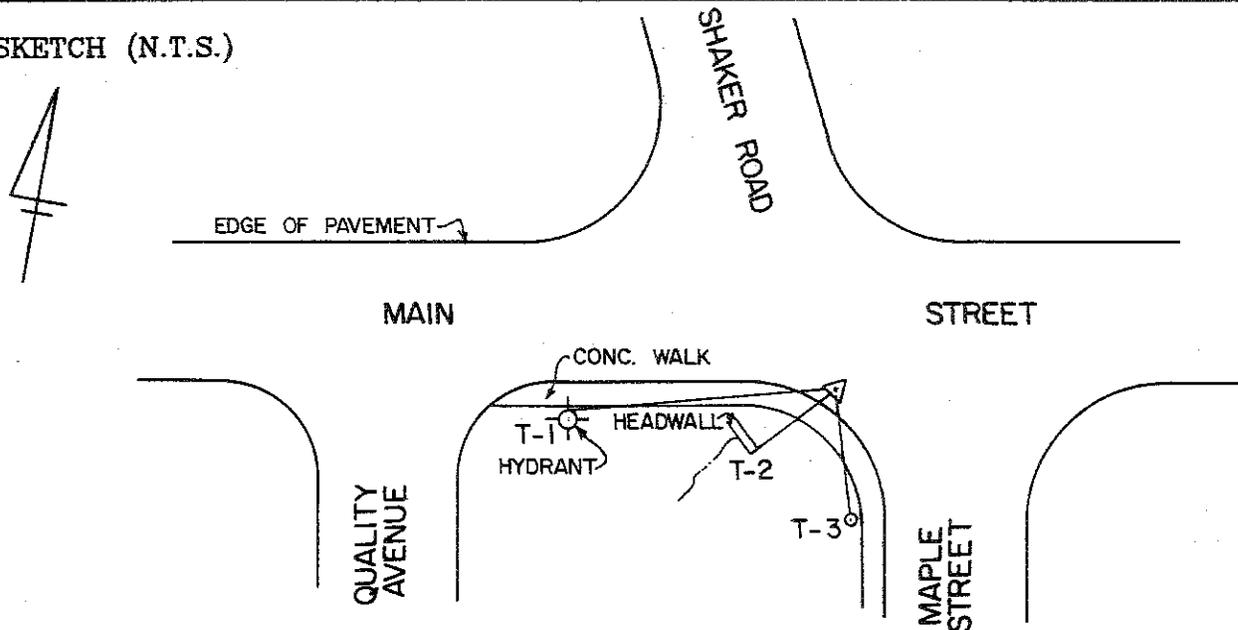
T-1 W of station : A drill hole in north side of fire hydrant.

T-2 SW of station : A drill hole in southeast corner of concrete headwall.

T-3 S of station : A punch hole in the top of a 5/8" rebar driven flush with the surface of the ground.

AZIMUTH MARK:

SKETCH (N.T.S.)



# TOWN OF ENFIELD, CONNECTICUT

## GEODETIC SURVEY CONTROL

TOWN: Somers

STATION: 533

U.S.G.S. QUAD.:

STREET: Pinney Road

DATE SET: January 1991

BY: J.R. Russo & Associates

COORDINATES (N.A.D. 1983) (C.S.P.C.S.)	
NORTHING =	912172.561
EASTING =	1072691.734
LATITUDE =	41: 57'51.12108"N
LONGITUDE =	72:28'57.83129"W
ELEVATION (N.G.V.D. 1929) =	249.88
GRID FACTOR =	
PROJECTION =	

OBJECT	DISTANCE (FT.)	AZIMUTH (0° NORTH)
T-1	20.74'	
T-2	8.26'	
T-3	86.88'	
AZIMUTH MARK		

**STATION DESCRIPTION:** The station is a 2" diameter disk set on the top of a 36" rebar. The disk is recessed 1/2" into the pavement and 4'± off the east edge of the pavement. To reach the station from the intersection of Ninth District Road and Pinney Road proceed north on Pinney Road 0.80 miles to the station on the right (east).

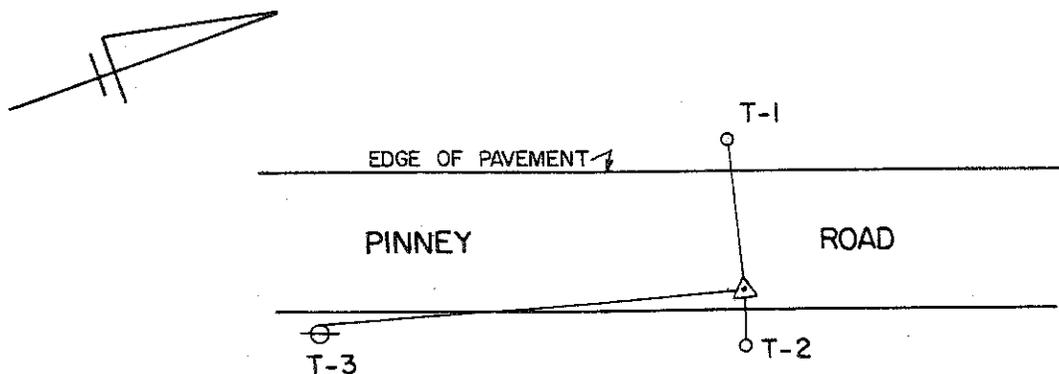
T-1 W of station : A punch hole in the top of an iron pin driven flush with the surface of the ground.

T-2 E of station : A punch hole in the top of an iron pin driven flush with the surface of the ground. It is located 4'± east of the east edge pavement.

T-3 S of station : A double headed nail with shiner on the west face of utility pole CL & P #10983.

AZIMUTH MARK:

SKETCH (N.T.S.)



# TOWN OF ENFIELD, CONNECTICUT

## GEODETIC SURVEY CONTROL

TOWN: Enfield

STATION: 534

U.S.G.S. QUAD.: Broad Brook

STREET: Powder Hill Road DATE SET: January 1991

BY: J.R. Russo & Associates

COORDINATES (N.A.D. 1983) (C.S.P.C.S.)	
NORTHING =	915582.850
EASTING =	1057779.239
LATITUDE =	41:58'25.21959"N
LONGITUDE =	72:32'15.09117"W
ELEVATION (N.G.V.D. 1929) =	191.01
GRID FACTOR =	1.000012591
PROJECTION =	Lambert

OBJECT	DISTANCE (FT.)	AZIMUTH (0° NORTH)
T-1	69.84'	150-50-47
T-2	133.63'	339-10-54
T-3	75.14'	130-44-09
AZIMUTH MARK	1184.67'	161-35-12

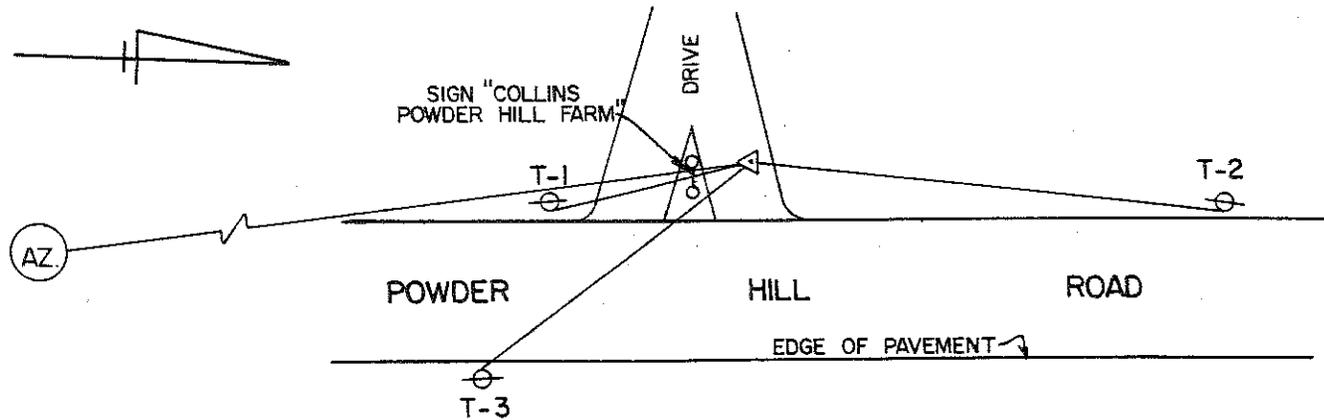
**STATION DESCRIPTION:** The station is a 2" diameter disk set on top of a 36" rebar. The disk is recessed 1/2" into the pavement and is located in the north drive of Collins Powder Hill Farm. To reach the station from the intersection of Abbe Road and Powder Hill Road proceed north on Powder Hill Road 0.20 miles to the station

- T-1 S of station : A double headed nail with shiner on the east face of utility pole CL & P 1812.
- T-2 N of station : A double headed nail with shiner on the east face of utility pole CL & P 6611.
- T-3 SE of station : A double headed nail with shiner on the west face of utility pole CL & P 81.

**AZIMUTH MARK:**

A punch hole in the top of an iron pin driven flush with the surface of the ground. It is located south of the station and is 1'± back of the concrete walk on the east side of Abbe Road opposite the intersection with Powder Hill Road.

**SKETCH (N.T.S.)**



# TOWN OF ENFIELD, CONNECTICUT

## GEODETTIC SURVEY CONTROL

TOWN: Enfield                      STATION: 535                      U.S.G.S. QUAD.: Broad Brook  
 STREET: Abbe Road                      DATE SET: January 1991                      BY: J.R. Russo & Associates

COORDINATES (N.A.D. 1983) (C.S.P.C.S.)	
NORTHING =	912177.932
EASTING =	1057277.468
LATITUDE =	41:57'51.59520"N
LONGITUDE =	72:32'21.84368"W
ELEVATION (N.G.V.D. 1929) =	138.81
GRID FACTOR =	1.000011353
PROJECTION =	Lambert

OBJECT	DISTANCE (FT.)	AZIMUTH (0° NORTH)
T-1	145.51'	188-42-02
T-2	5.32'	268-20-32
T-3	23.75'	350-49-42
AZIMUTH MARK	1148.08'	185-01-52

**STATION DESCRIPTION:** The station is a 2" diameter disk set on top of a 36" rebar. The disk is recessed 1/2" into the pavement and is 4'± off the west edge of the pavement. To reach the station from the intersection of Town Farm Road and Abbe Road proceed north on Abbe Road 0.40 miles to the station on the left (west).

T-1 S of station : A double headed nail with shiner on the east face of utility pole CL & P 20022.

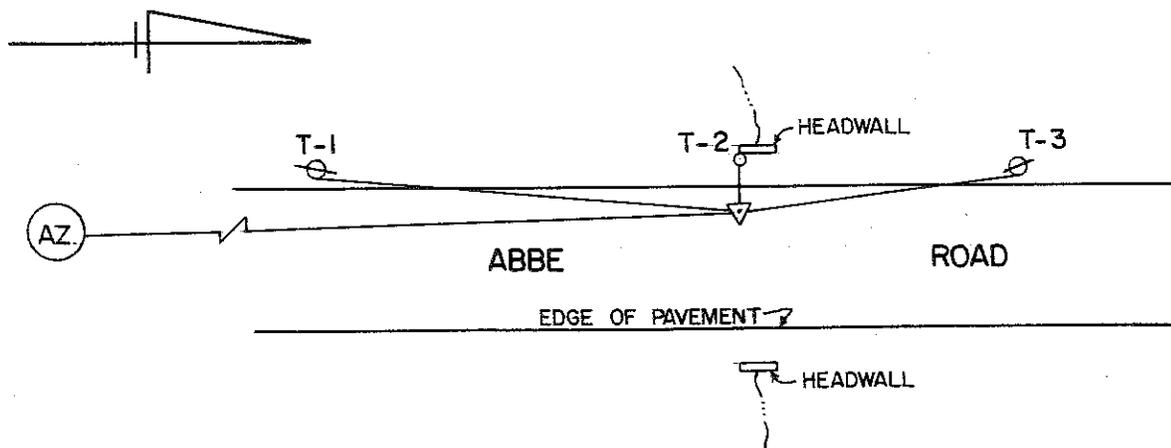
T-2 W of station : A punch hole in the top of an iron pin driven flush with the surface of the ground. It is located near the south-east corner of headwall.

T-3 N of station : A double headed nail with shiner on the east face of utility pole CL & P 20021.

**AZIMUTH MARK:**

A punch hole in the top of an iron pin driven flush with the surface of the ground. It is located south of the station on Abbe Road and is 2'± off the east edge of the pavement.

**SKETCH (N.T.S.)**



# TOWN OF ENFIELD, CONNECTICUT

## GEODETIC SURVEY CONTROL

TOWN: Enfield

STATION: 536

U.S.G.S. QUAD.: Broad Brook

STREET: Abbe Road

DATE SET: January 1991

BY: J.R. Russo & Associates

COORDINATES (N.A.D. 1983) (C.S.P.C.S.)	
NORTHING =	908391.892
EASTING =	1056823.145
LATITUDE =	41:57'14.20441"N
LONGITUDE =	72:32'27.97848"W
ELEVATION (N.G.V.D. 1929) =	96.94
GRID FACTOR =	1.000010007
PROJECTION =	Lambert

OBJECT	DISTANCE (FT.)	AZIMUTH (0° NORTH)
T-1	84.41'	236-31-32
T-2	55.76'	195-25-00
T-3	41.91'	349-02-48
AZIMUTH MARK	847.44'	169-05-50

**STATION DESCRIPTION:** The station is a 2" diameter disk set on the top of a 36" rebar. The disk is recessed 1/2" into the pavement and is 4'± off the west edge of the pavement. To reach the station from the intersection of Neelans Road and Abbe Road proceed north on Abbe Road 0.15 miles to the station on the left (west).

T-1 SW of station : A point on the bottom west corner of brick of the center window on the north face of Wallop School.

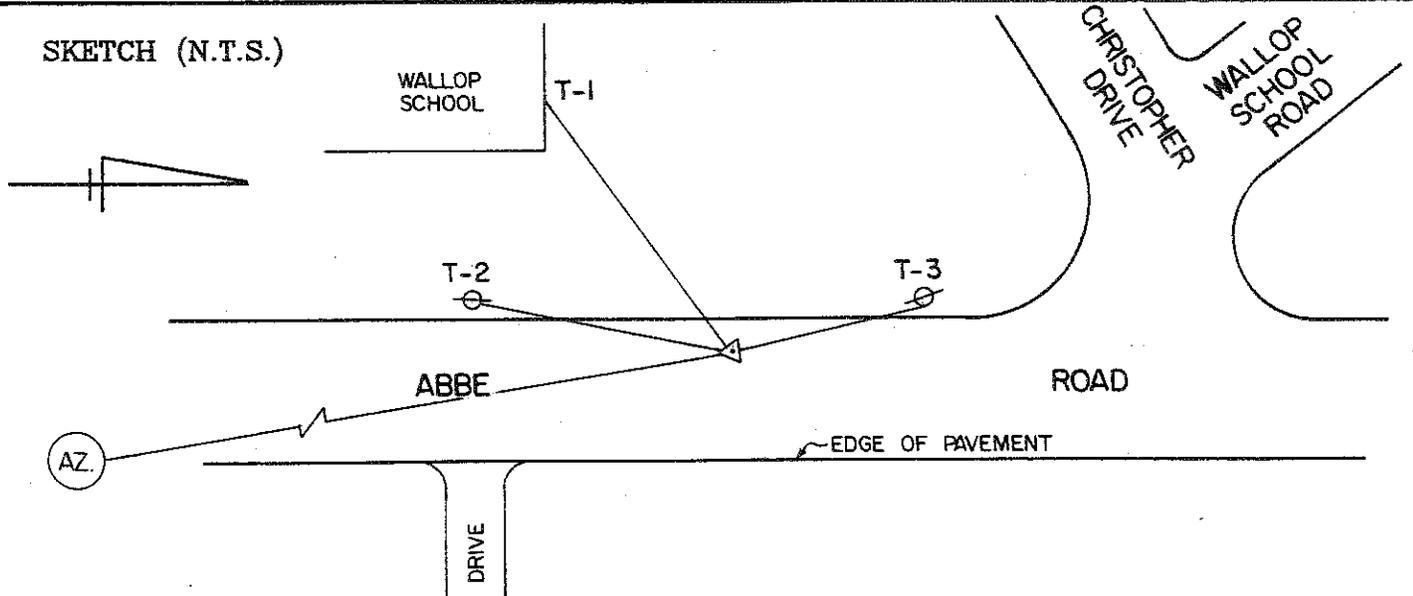
T-2 S of station : A double headed nail with shiner on the north face of utility pole CL & P 18272.

T-3 N of station : A double headed nail with shiner on the east face of utility pole CL & P 1937.

**AZIMUTH MARK:**

A punch hole in the top of an iron pin driven flush with the surface of the ground. It is located south of the station at the intersection of Abbe Road and Kimberley Drive.

**SKETCH (N.T.S.)**



# TOWN OF ENFIELD, CONNECTICUT

## GEODETIC SURVEY CONTROL

TOWN: Enfield

STATION: 537

U.S.G.S. QUAD.: Broad Brook

STREET: Grant Road

DATE SET: January 1991

BY: J.R. Russo & Associates

COORDINATES (N.A.D. 1983) (C.S.P.C.S.)	
NORTHING =	904425.570
EASTING =	1057513.360
LATITUDE =	41:56'35.00505"N
LONGITUDE =	72:32'18.97233"W
ELEVATION (N.G.V.D. 1929) =	131.29
GRID FACTOR =	1.000008632
PROJECTION =	Lambert

OBJECT	DISTANCE (FT.)	AZIMUTH (0° NORTH)
T-1	50.42'	219-11-23
T-2	69.67'	346-11-20
T-3	14.62'	73-27-05
AZIMUTH MARK	797.72'	188-52-58

**STATION DESCRIPTION:** The station is a 2" diameter disk set on the top of a 36" rebar. The disk is recessed 1/2" into the pavement and is 4'± off the east edge of the pavement. To reach the station from the intersection of Melrose Road and Grant Road proceed north of Grant Road 0.30 miles to the station on the right (east).

**T-1 SW of station :** A drill hole in the center of a stone town line monument.

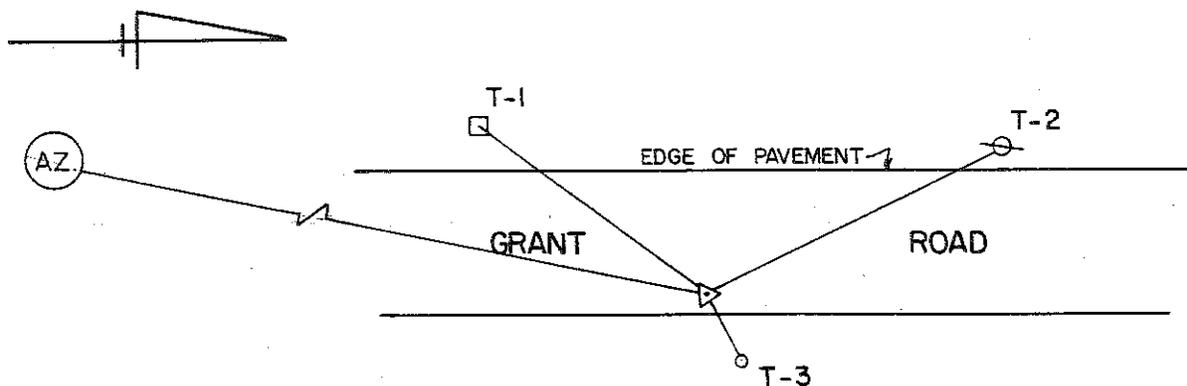
**T-2 NW of station :** A double headed nail with shiner on the east face of utility pole CL & P 26445.

**T-3 E of station :** A punch hole in the top of an iron pin driven flush with the surface of the ground. It is located 10'± east of the east edge of pavement.

**AZIMUTH MARK:**

A punch hole in the top of a iron pin driven flush with the surface of the ground. It is located south of the station and is 2'± off the west edge of the pavement.

**SKETCH (N.T.S.)**



# TOWN OF ENFIELD, CONNECTICUT

## GEODETC SURVEY CONTROL

TOWN: Somers

STATION: 539

U.S.G.S. QUAD.:

STREET: Jobs Hill Road

DATE SET: January 1991

BY: J.R. Russo & Associates

COORDINATES (N.A.D. 1983) (C.S.P.C.S.)	
NORTHING =	905207.073
EASTING =	1073200.038
LATITUDE =	41:56'42.29460"N
LONGITUDE =	72:28'51.37223"W
ELEVATION (N.G.V.D. 1929) =	387.11
GRID FACTOR =	
PROJECTION =	

OBJECT	DISTANCE (FT.)	AZIMUTH (0° NORTH)
T-1	56.00'	
T-2	102.51'	
T-3	7.35'	
AZIMUTH MARK		

**STATION DESCRIPTION:** The station is a 2" diameter disk set on top of a 36" rebar. The disk is recessed 1/2" into the pavement and is 4' off the east edge of the pavement. To reach the station from the intersection of Jobs Hill Road and Ninth District Road proceed south on Jobs Hill Road 0.65 miles to the station on the left (east).

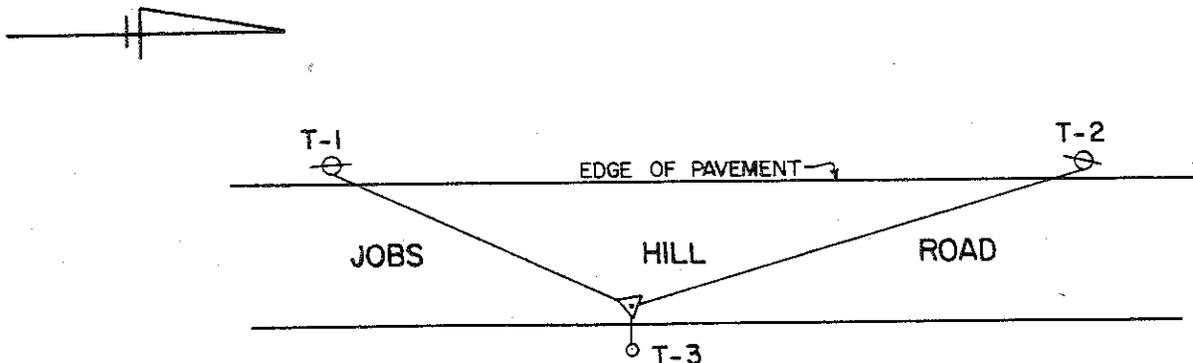
T-1 SW of station : A double headed nail with shiner on east face of utility pole SNET 1575.

T-2 N of station : A double headed nail with shiner on east face of utility pole SNET 1576.

T-3 E of station : A punch hole in the top of a 5/8" rebar driven flush with the surface of the ground.

AZIMUTH MARK:

SKETCH (N.T.S.)



# TOWN OF ENFIELD, CONNECTICUT

## GEODETIC SURVEY CONTROL

TOWN: Somers

STATION: 540

U.S.G.S. QUAD.:

STREET: Jobs Hill Road

DATE SET: January 1991

BY: J.R. Russo & Associates

COORDINATES (N.A.D. 1983) (C.S.P.C.S.)	
NORTHING =	907255.392
EASTING =	1072777.125
LATITUDE =	41:57'02.54261"N
LONGITUDE =	72:28'56.88452"W
ELEVATION (N.G.V.D. 1929) =	344.34
GRID FACTOR =	
PROJECTION =	

OBJECT	DISTANCE (FT.)	AZIMUTH (0° NORTH)
T-1	115.12'	
T-2	120.81'	
T-3	32.31'	
AZIMUTH MARK		

**STATION DESCRIPTION:** The station is a 2" diameter disk set on top of a 36" rebar. The disk is recessed 1/2" into the pavement and is 4' off the west edge of the pavement. To reach to station from the intersection of Jobs Hill Road and Ninth District Road proceed south on Jobs Hill Road 0.25 miles to the station on the right

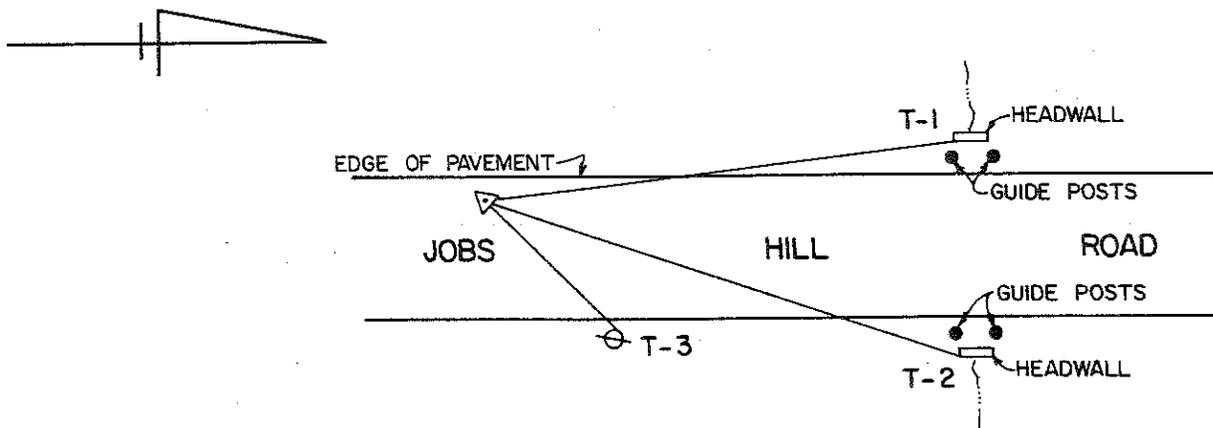
T-1 N of station : A drill hole in southeast corner of concrete headwall. (west).

T-2 NE of station : A drill hole is southeast corner of concrete headwall.

T-3 E of station : A double headed nail with shiner on west face of utility pole CL & P 5279

AZIMUTH MARK:

SKETCH (N.T.S.)



# TOWN OF ENFIELD, CONNECTICUT

## GEODETIC SURVEY CONTROL

TOWN: East Windsor      STATION: 542      U.S.G.S. QUAD.: Broad Brook  
 Rice Road and Broad  
 STREET: Brook Road RT 140    DATE SET: January 1991    BY: J.R. Russo & Associates

COORDINATES (N.A.D. 1983) (C.S.P.C.S.)	
NORTHING =	900965.309
EASTING =	1051683.155
LATITUDE =	41:56'00.95521"N
LONGITUDE =	72:33'36.21908"W
ELEVATION (N.G.V.D. 1929) =	114.25
GRID FACTOR =	1.000007466
PROJECTION =	Lambert

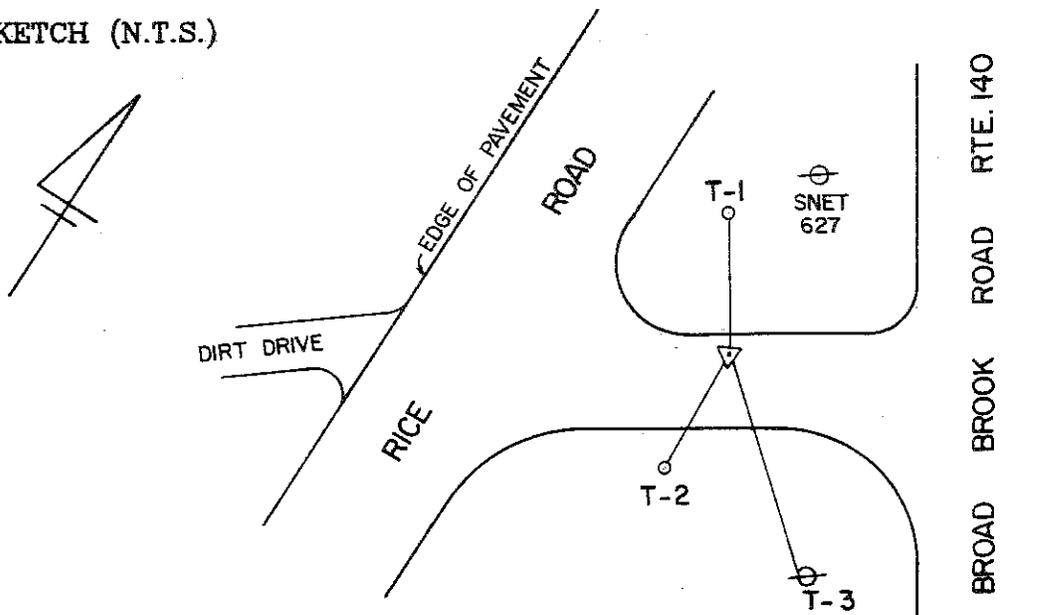
OBJECT	DISTANCE (FT.)	AZIMUTH (0° NORTH)
T-1	29.29'	
T-2	33.54'	
T-3	67.46'	
AZIMUTH MARK		

**STATION DESCRIPTION:** The station is a 2" diameter disk set on top of a 36" rebar. The disk is recessed 1/2" into the pavement and is 4"± off the north edge of pavement. The station is located at the intersection of Rice Road and Broad Brook Road Route 140.

- T-1 N of station : The center of C.G.S. bench mark pin located under access cover.
- T-2 S of station : A punch hole in the top of an iron pin driven flush with the surface of the ground.
- T-3 SE of station : A double headed nail with shiner on the south face of utility pole S.N.E.T. 628.

AZIMUTH MARK:

SKETCH (N.T.S.)



# TOWN OF ENFIELD, CONNECTICUT

## GEODETIC SURVEY CONTROL

TOWN: Enfield                      STATION: 544                      U.S.G.S. QUAD.: Broad Brook  
 STREET: Weymouth Road and Steele Road      DATE SET: January 1991      BY: J.R. Russo & Associates

COORDINATES (N.A.D. 1983) (C.S.P.C.S.)	
NORTHING =	906494.944
EASTING =	1047398.314
LATITUDE =	41:56'55.67112"N
LONGITUDE =	72:34'32.76092"W
ELEVATION (N.G.V.D. 1929) =	121.89
GRID FACTOR =	1.000009352
PROJECTION =	Lambert

OBJECT	DISTANCE (FT.)	AZIMUTH (0° NORTH)
T-1	104.93'	281-57-59
T-2	89.96'	227-40-44
T-3	16.76'	196-33-57
AZIMUTH MARK	1204.72'	278-35-17

**STATION DESCRIPTION:** The station is 2" diameter disk set on top of a 36" rebar. The disk is recessed 1/2" into the ground. The station is located at the intersection of Weymouth Road and Steele Road.

T-1 NW of station : A cross cut in the northwest corner of the catch basin.

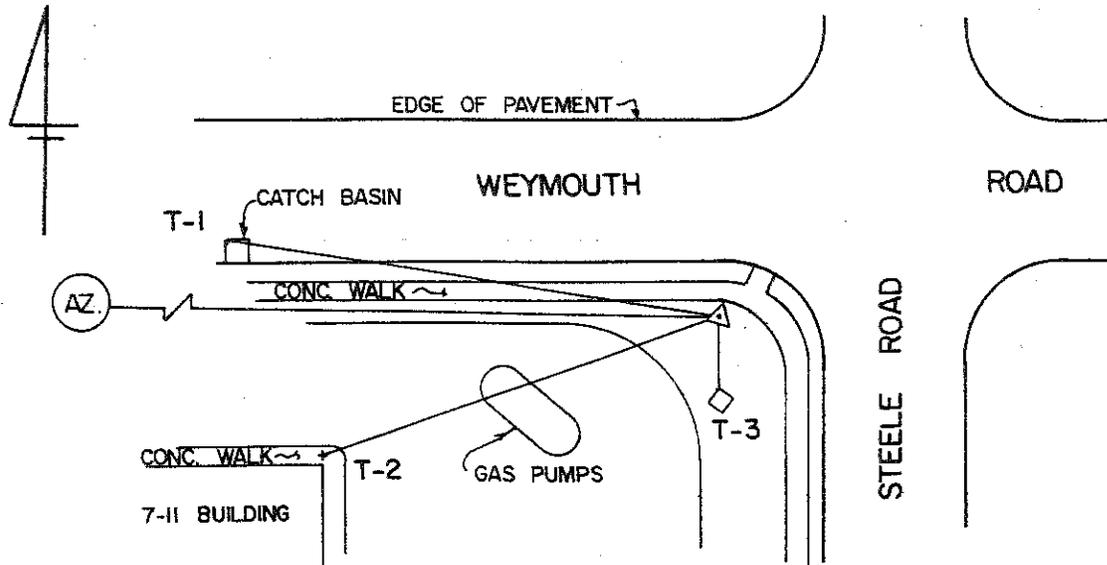
T-2 SW of station : A cross cut in the concrete sidewalk.

T-3 S of station : A cross cut in the northwest corner of the 7-11 sign post.

**AZIMUTH MARK:**

A punch hole in the top of an iron pin driven flush with the surface of the ground. It is located west of the station 2'± north of the northerly edge of Weymouth Road.

**SKETCH (N.T.S.)**



# TOWN OF ENFIELD, CONNECTICUT

## GEODETIC SURVEY CONTROL

TOWN: Enfield                      STATION: 544                      U.S.G.S. QUAD.: Broad Brook  
 STREET: Weymouth Road and Steele Road                      DATE SET: January 1991                      BY: J.R. Russo & Associates

COORDINATES (N.A.D. 1983) (C.S.P.C.S.)	
NORTHING =	906494.944
EASTING =	1047398.314
LATITUDE =	41:56'55.67112"N
LONGITUDE =	72:34'32.76092"W
ELEVATION (N.G.V.D. 1929) =	121.89
GRID FACTOR =	1.000009352
PROJECTION =	Lambert

OBJECT	DISTANCE (FT.)	AZIMUTH (0° NORTH)
T-1	104.93'	281-57-59
T-2	89.96'	227-40-44
T-3	16.76'	196-33-57
AZIMUTH MARK	1204.72'	278-35-17

**STATION DESCRIPTION:** The station is 2" diameter disk set on top of a 36" rebar. The disk is recessed 1/2" into the ground. The station is located at the intersection of Weymouth Road and Steele Road.

T-1 NW of station : A cross cut in the northwest corner of the catch basin.

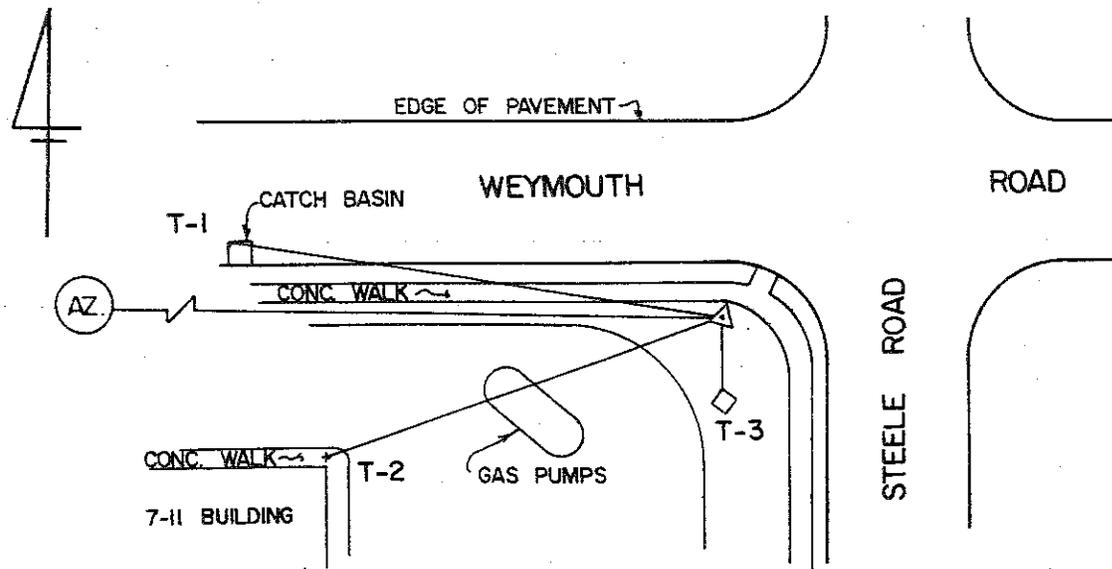
T-2 SW of station : A cross cut in the concrete sidewalk.

T-3 S of station : A cross cut in the northwest corner of the 7-11 sign post.

**AZIMUTH MARK:**

A punch hole in the top of an iron pin driven flush with the surface of the ground. It is located west of the station 2'± north of the northerly edge of Weymouth Road.

**SKETCH (N.T.S.)**



# TOWN OF ENFIELD, CONNECTICUT

## GEODETIC SURVEY CONTROL

TOWN: Enfield                      STATION: 546                      U.S.G.S. QUAD.: Broad Brook

STREET: Parsons Road              DATE SET: January 1991              BY: J.R. Russo & Associates

COORDINATES (N.A.D. 1983) (C.S.P.C.S.)	
NORTHING =	912234.149
EASTING =	1039042.381
LATITUDE =	41:57'52.51970"N
LONGITUDE =	72:36'23.21162"W
ELEVATION (N.G.V.D. 1929) =	46.61
GRID FACTOR =	1.000011386
PROJECTION =	Lambert

OBJECT	DISTANCE (FT.)	AZIMUTH (0° NORTH)
T-1	81.19'	187-57-49
T-2	145.30'	344-42-26
T-3	41.41'	85-40-26
AZIMUTH MARK	579.67'	351-20-59

**STATION DESCRIPTION:** The station is a 2" diameter disk set on the top of a 36" rebar. The disk is recessed 1/2" into the pavement and is 4'± off the east edge of pavement. To reach the station from the intersection of Parsons Road and the driveway for the Kings Island Boat Launch proceed north on Parsons Road 0.10 miles to the station on

T-1 SW of station : A double headed nail with shiner the right (east).  
on the east face of utility pole CL & P 6323.

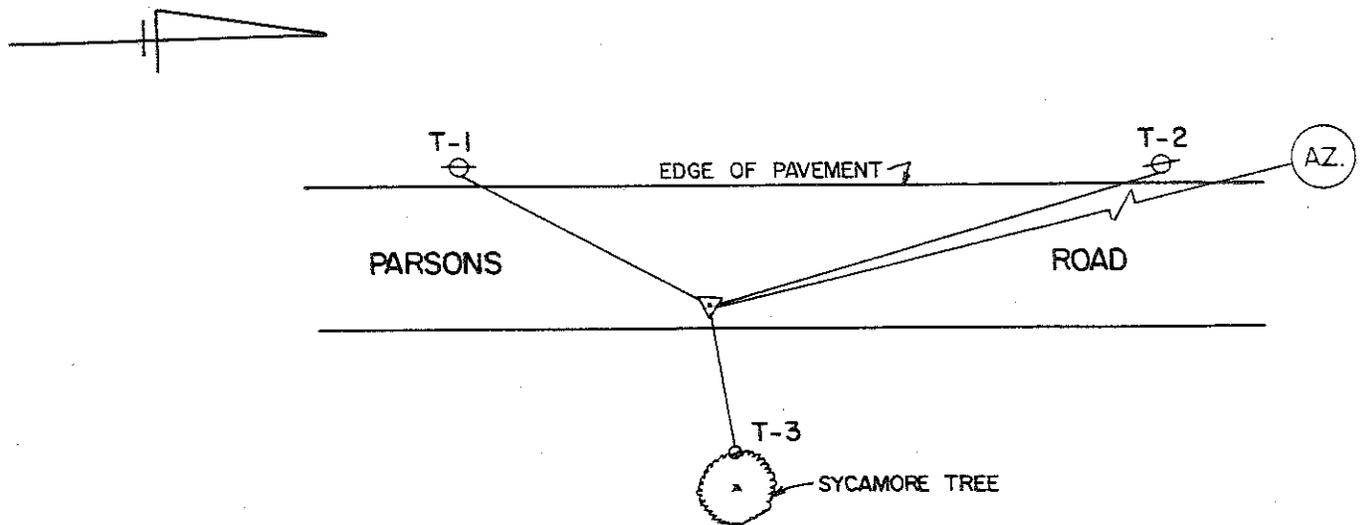
T-2 NW of station : A double headed nail with shiner on the east face of utility pole CL & P 6324.

T-3 E of station : A punch hole in the top of a 5/8" rebar driven flush with the surface of the ground. It is located 5'± west of a sycamore tree and 30'± east of the east edge of pavement.

**AZIMUTH MARK:**

A punch hole in the top of an iron pin set flush with the surface of the ground. It is located north of the station on the west side of Parsons Road.

**SKETCH (N.T.S.)**



# TOWN OF ENFIELD, CONNECTICUT

## GEODETIC SURVEY CONTROL

TOWN: Enfield                      STATION: 547                      U.S.G.S. QUAD.: Broad Brook  
 STREET: Parsons Road              DATE SET: January 1991              BY: J.R. Russo & Associates

COORDINATES (N.A.D. 1983) (C.S.P.C.S.)	
NORTHING =	915867.453
EASTING =	1039587.629
LATITUDE =	41:58'28.40346"N
LONGITUDE =	72:36'15.91337"W
ELEVATION (N.G.V.D. 1929) =	62.52
GRID FACTOR =	1.000012710
PROJECTION =	Lambert

OBJECT	DISTANCE (FT.)	AZIMUTH (0° NORTH)
T-1	70.44'	311-46-26
T-2	68.06'	14-11-13
T-3	53.88'	98-54-01
AZIMUTH MARK	367.02'	191-12-01

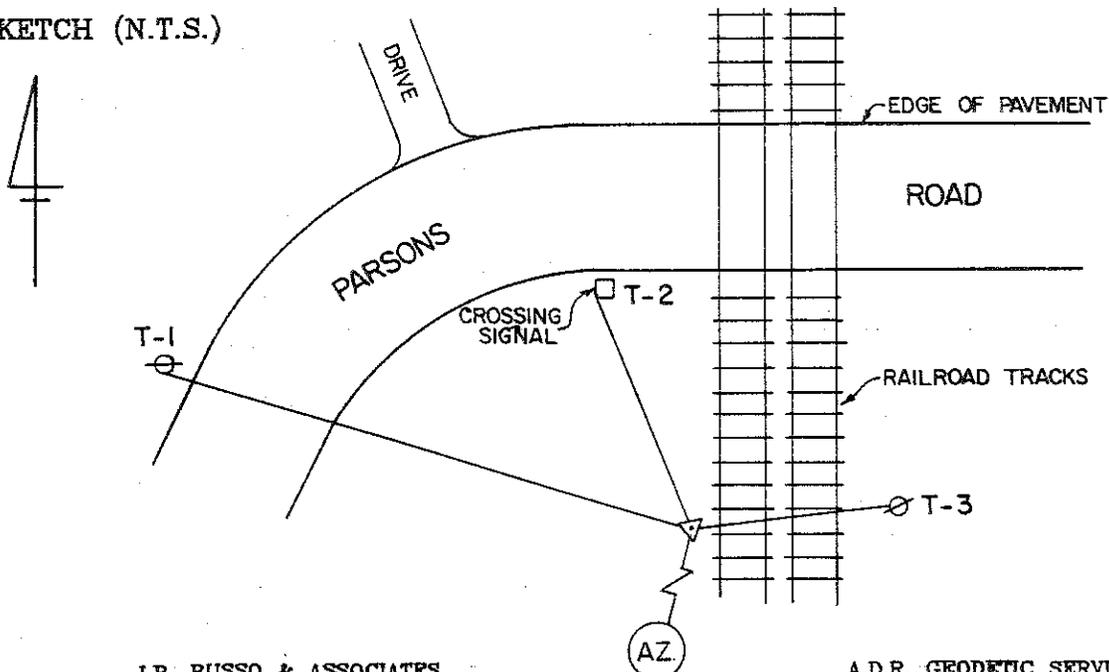
**STATION DESCRIPTION:** The station is a 2" diameter disk set on the top of a 36" rebar. The disk is recessed 1/2" into the ground. The station is located at the intersection of Parsons Road and the railroad track.

- T-1 W of station : A double headed nail with shiner on the south face of utility pole CL & P 6342.
- T-2 N of station : A drill hole in the southwest corner of railroad crossing base.
- T-3 E of station : A double headed nail with shiner on the west face of utility pole.

**AZIMUTH MARK:**

A punch hole in the top of an iron pin set flush with the surface of the traprock. It is located south of the station and west of the westerly railroad tracks.

SKETCH (N.T.S.)



# TOWN OF ENFIELD, CONNECTICUT

## GEODETTIC SURVEY CONTROL

TOWN: Enfield                      STATION: 548                      U.S.G.S. QUAD.: Broad Brook

STREET: Raffia Road              DATE SET: January 1991              BY: J.R. Russo & Associates

COORDINATES (N.A.D. 1983) (C.S.P.C.S.)	
NORTHING =	917132.749
EASTING =	1050325.168
LATITUDE =	41-58-40.70011
LONGITUDE =	72-33-51.72740
ELEVATION (N.G.V.D. 1929) =	
GRID FACTOR =	1.000013170
PROJECTION =	Lambert

OBJECT	DISTANCE (FT.)	AZIMUTH (0° NORTH)
T-1	65.39'	338-22-22
T-2	26.25'	155-19-14
T-3	81.98'	96-31-32
AZIMUTH MARK	569.91	327-36-47

**STATION DESCRIPTION:** The station is a 2" diameter disk set on top of a 36" rebar. The disk is recessed 1/2" in the ground. To reach the station from the intersection of South Street and Raffia Road proceed south on Raffia Road 70'± to the station on the left (east).

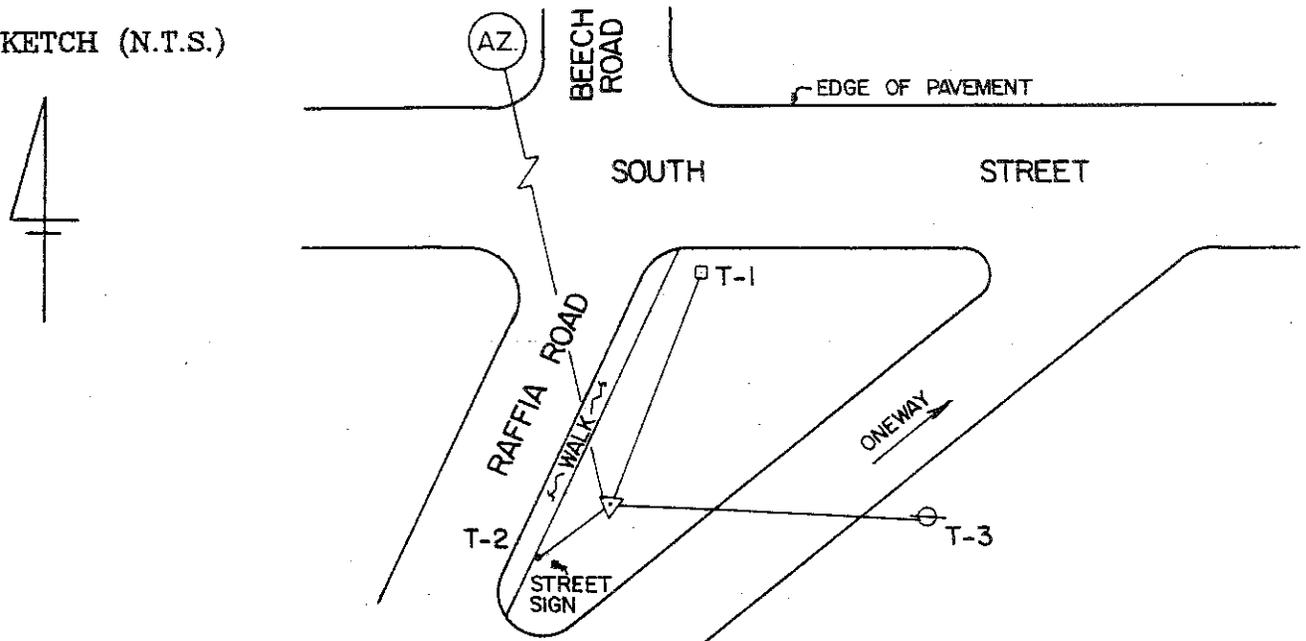
T-1 N of station : A cross cut in the south corner of the walk signal.

T-2 SW of station : A pk nail in the bituminous curb opposite the street sign.

T-3 E of station : A pk nail on the east face of utility pole CL & P 11285.

AZIMUTH MARK: A P.K. nail set in the top of the curb located in the parking lot of the Mark Twain housing complex located on the west side of Beech Road.

SKETCH (N.T.S.)



**CONTROL SURVEY MONUMENT DESCRIPTIONS**

JOB NO. G3591 NAME OF MONUMENT GPS 0549 (DEPOT AZ)  
 STATE CONNECTICUT COMPANION OR AZIMUTH GPS 0557 (DEPOT)  
 COUNTY HARTFORD SET BY ADRGs DATE FEBRUARY, 1991  
 HORIZ. DATUM CSPCS NAD 83 VERTICAL DATUM \_\_\_\_\_  
 U.S.G.S. QUAD. BROAD BROOK, CONN.  
 ZONE \_\_\_\_\_ PROJECTION LAMBERT

**MONUMENT COORDINATE DATA**

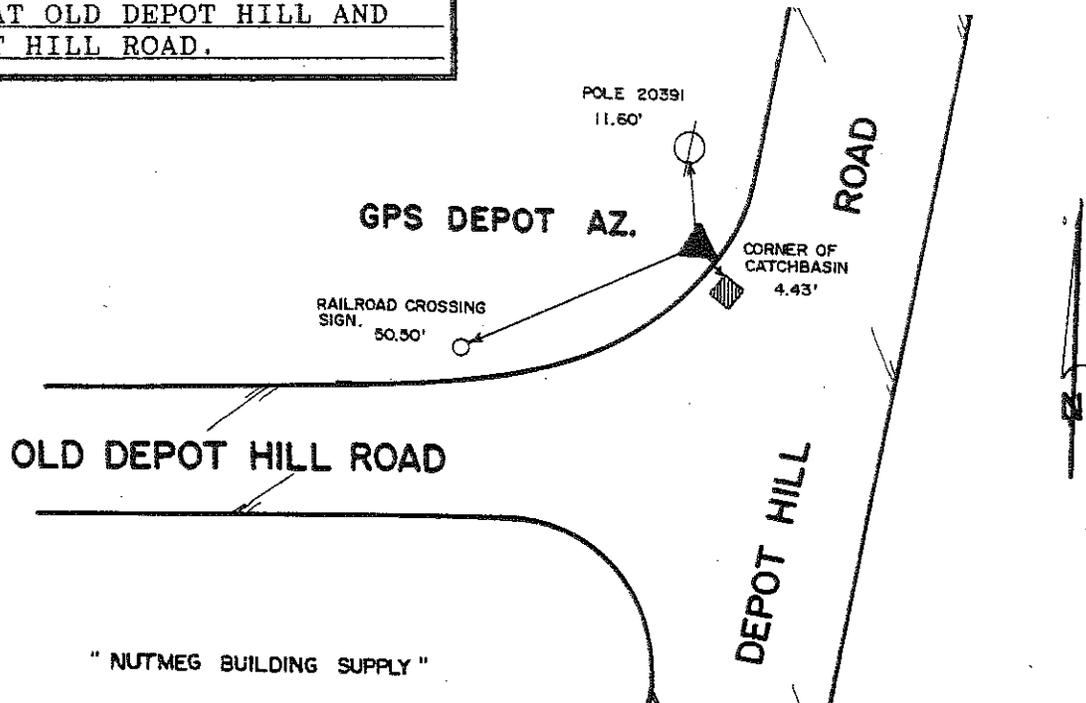
Y = (N) 904,327.17 X = (E) 1,038,297.98  
 ELEVATION \_\_\_\_\_  
 LATITUDE 41-56-34.41974 LONGITUDE 72-36-33.23543  
 GRID FACTOR 1.0000057 US SURVEY FOOT

**REFERENCE DATA**

DISTANCE TO COMPANION OR AZIMUTH MARK 276.94  
 NORTH AZIMUTH TO COMPANION OR AZIMUTH MARK 323-36-35

**TYPE OF MARK** A REBAR WITH CAP AT OLD DEPOT HILL AND DEPOT HILL ROAD.

**SKETCH**



A.D.R. GEODETIC SERVICES

# TOWN OF ENFIELD, CONNECTICUT

## GEODETIC SURVEY CONTROL

TOWN: Enfield

STATION: 551

U.S.G.S. QUAD.: Broad Brook

STREET: Mathewson Avenue DATE SET: January 1991

BY: J.R. Russo & Associates

COORDINATES (N.A.D. 1983) (C.S.P.C.S.)	
NORTHING =	919495.951
EASTING =	1040405.325
LATITUDE =	41:59'04.23488"N
LONGITUDE =	72:36'05.00559"W
ELEVATION (N.G.V.D. 1929) =	69.79
GRID FACTOR =	1.000014061
PROJECTION =	Lambert

OBJECT	DISTANCE (FT.)	AZIMUTH (0° NORTH)
T-1	18.80'	04-50-57
T-2	31.49'	153-04-00
T-3	15.73'	261-46-09
AZIMUTH MARK	744.49'	193-38-52

**STATION DESCRIPTION:** The station is a 2" diameter disk set on top of a 36" rebar. The disk is recessed 1/2" into the ground. To reach the station from the end of Mathewson Avenue proceed south along railroad tracks to the station on the left (east).

T-1 N of station : A double headed nail with shiner on the south face of telegraph pole.

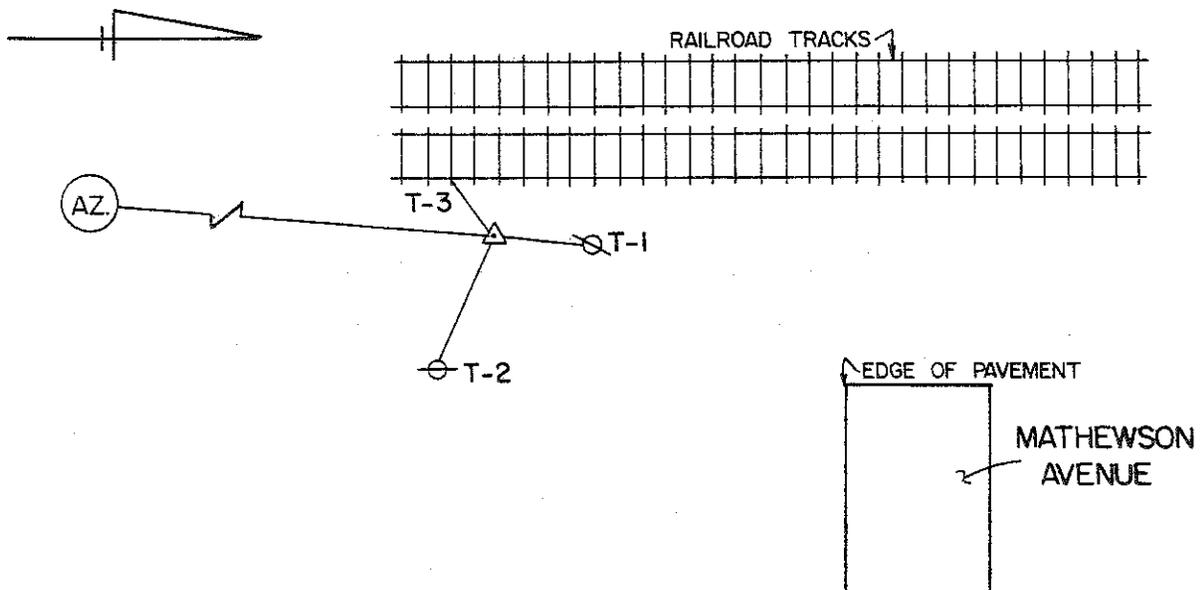
T-2 E of station : A double headed nail with shiner on the west face of utility pole CL & P 6361.

T-3 W of station : A chiseled cross on the east rail of railroad tracks.

**AZIMUTH MARK:**

PK in railroad tie on east side of east tracks located south of the station.

**SKETCH (N.T.S.)**



# TOWN OF ENFIELD, CONNECTICUT

## GEODETTIC SURVEY CONTROL

TOWN: Enfield

STATION: 552

U.S.G.S. QUAD.: Broad Brook

STREET: South River Street DATE SET: January 1991

BY: J.R. Russo & Associates

COORDINATES (N.A.D. 1983) (C.S.P.C.S.)	
NORTHING =	923189.715
EASTING =	1039979.114
LATITUDE =	41:59'40.73190"N
LONGITUDE =	72:36'10.56567"W
ELEVATION (N.G.V.D. 1929) =	86.24
GRID FACTOR =	1.000015469
PROJECTION =	Lambert

OBJECT	DISTANCE (FT.)	AZIMUTH (0° NORTH)
T-1	15.82'	132-17-03
T-2	41.06'	166-29-33
T-3	37.89'	214-13-18
AZIMUTH MARK	514.89'	157-07-18

**STATION DESCRIPTION:** The station is a 2" diameter disk set on top of a 36" rebar. The disk is recessed 1/2" into the pavement and is 4'± of the east edge of pavement. To reach the station from the intersection of South River Street and Main Street proceed south on South River Street to house # 78 on the left (west).

T-1 SE of station : A cross cut in the northwest top flange nut of hydrant.

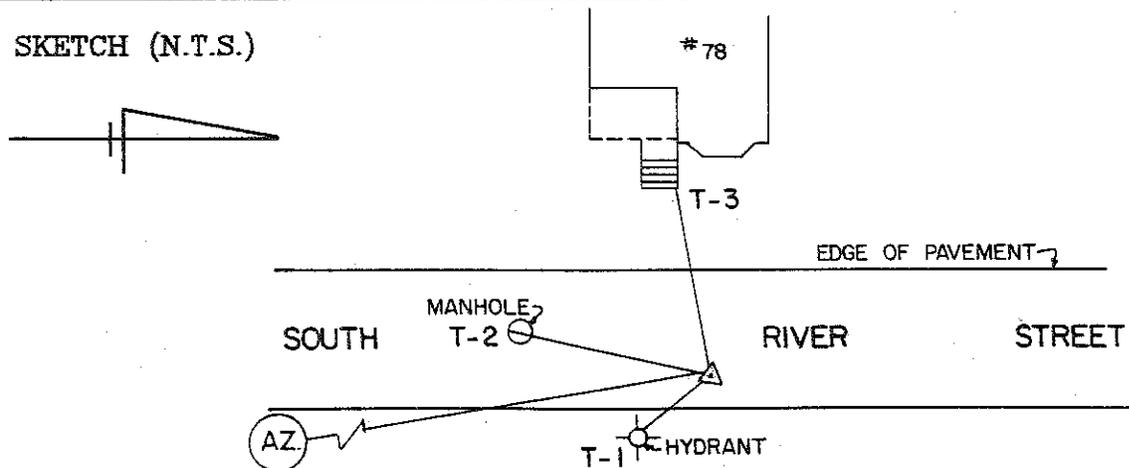
T-2 S of station : A cross cut in the south side of sanitary sewer frame.

T-3 W of station : A cross cut in old rail pole flush with the bottom northeast corner of step.

**AZIMUTH MARK:**

A punch hole in the top of an iron pin driven flush with the surface of the ground. It is located 2'± off the east edge of South River Street and is south of the station.

**SKETCH (N.T.S.)**



# TOWN OF ENFIELD, CONNECTICUT

## GEODETIC SURVEY CONTROL

TOWN: Enfield                      STATION: 553                      U.S.G.S. QUAD.: Broad Brook

STREET: North River Road      DATE SET: January 1991      BY: J.R. Russo & Associates

COORDINATES (N.A.D. 1983) (C.S.P.C.S.)	
NORTHING =	924881.698
EASTING =	1039520.550
LATITUDE =	41:59'57.45422"N
LONGITUDE =	72:36'16.60062"W
ELEVATION (N.G.V.D. 1929) =	69.95
GRID FACTOR =	1.000016125
PROJECTION =	Lambert

OBJECT	DISTANCE (FT.)	AZIMUTH (0° NORTH)
T-1	49.27'	326-15-59
T-2	65.96'	166-18-17
T-3	50.77'	02-15-44
AZIMUTH MARK	506.12'	173-08-27

**STATION DESCRIPTION:** The station is a 2" diameter disk set on top of a 36" rebar. The disk is recessed 1/2" into the pavement and is 4'± off the east edge of pavement. To reach the station from the intersection of Main Street and North River Road proceed north on North River Road 100'± to the station on the right (east).

**T-1** NW of station : A drill hole in the base of the northeast corner post of the CL & P substation.

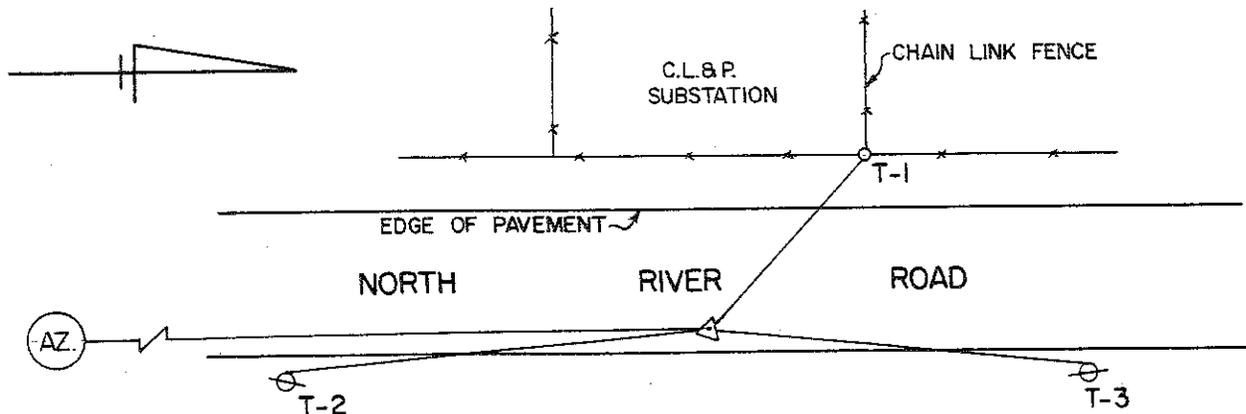
**T-2** S of station : A double headed nail with shiner on the west face of utility pole CL & P 3386.

**T-3** N of station : A double headed nail with shiner on the west face of utility pole CL & P 3387.

**AZIMUTH MARK:**

A cross cut on the southeast corner of CB frame. It is located about 50' south of the drive to the South River Street boat launch on the west side of South River Street.

**SKETCH (N.T.S.)**







# TOWN OF ENFIELD, CONNECTICUT

## GEODETIC SURVEY CONTROL

TOWN: Enfield                      STATION: 556                      U.S.G.S. QUAD.: Broad Brook  
 STREET: North Road              DATE SET: January 1991              BY: J.R. Russo & Associates

COORDINATES (N.A.D. 1983) (C.S.P.C.S.)	
NORTHING =	923404.281
EASTING =	1053195.475
LATITUDE =	41:59'42.59261"N
LONGITUDE =	72:33'15.53850"W
ELEVATION (N.G.V.D. 1929) =	144.13
GRID FACTOR =	1.000015542
PROJECTION =	Lambert

OBJECT	DISTANCE (FT.)	AZIMUTH (0° NORTH)
T-1	141.93'	324-31-50
T-2	126.86'	127-53-35
T-3	28.96'	242-41-10
AZIMUTH MARK	1314.53'	134-24-58

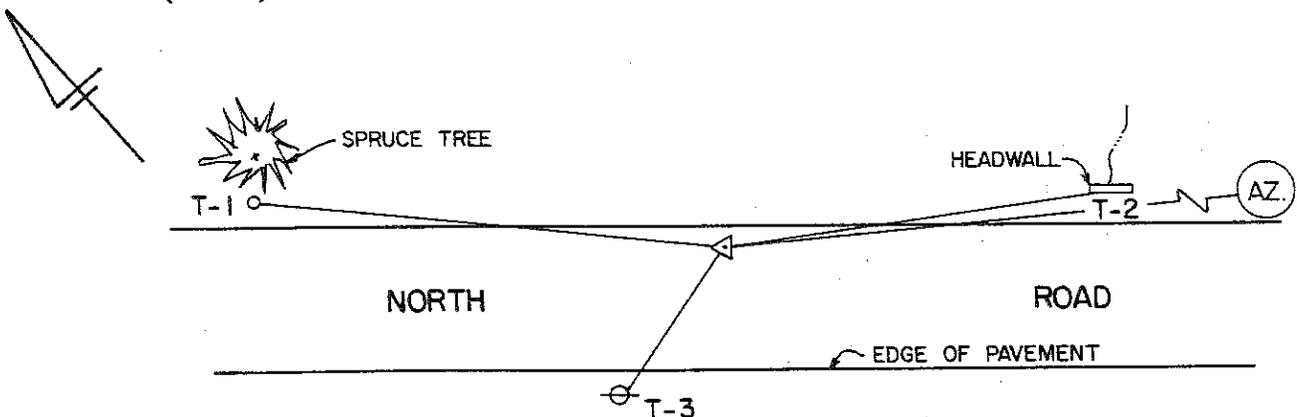
**STATION DESCRIPTION:** The station is a 2" diameter disk set on the top of a 36" rebar. The disk is recessed 1/2" into the pavement and is 4'± off the east edge of the pavement. To reach the station from the intersection of Moody Road and North Road proceed south on North Road 0.30 miles to the station on the left (east).

- T-1    NW of station :    A punch hole in the top of an iron pin driven flush with the surface of the ground. It is located 10'± west of spruce tree.
- T-2    SE of station :    A drill hole in the northwest corner of concrete head-wall.
- T-3    SW of station :    A double headed nail with shiner on the south face of utility pole CL & P 2165.

**AZIMUTH MARK:**

A punch hole in the top of an iron pin driven flush with the surface of the ground. It is located southeast of the station and is 2'± off the easterly edge of pavement on North Road.

**SKETCH (N.T.S.)**



**CONTROL SURVEY MONUMENT DESCRIPTIONS**

JOB NO. G3591 NAME OF MONUMENT GPS 0557 (DEPOT)  
 STATE CONNECTICUT COMPANION OR AZIMUTH GPS 0549 (DEPOT AZ)  
 COUNTY HARTFORD SET BY ADRS DATE FEBRUARY, 1991  
 HORIZ. DATUM CSPCS NAD 83 VERTICAL DATUM \_\_\_\_\_  
 U.S.G.S. QUAD. BROAD BROOK, CONN.  
 ZONE \_\_\_\_\_ PROJECTION LAMBERT

**MONUMENT COORDINATE DATA**

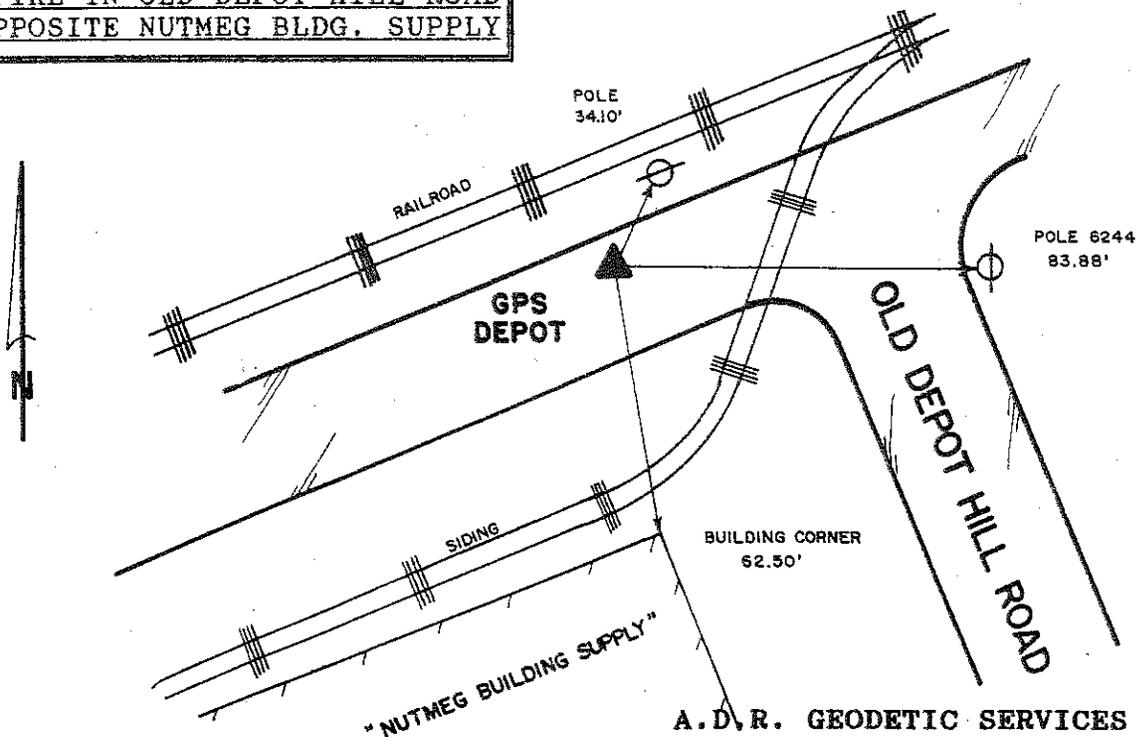
Y = (N) 904,550.10 X = (E) 1,038,133.68  
 ELEVATION \_\_\_\_\_  
 LATITUDE 41-56-36.62475 LONGITUDE 72-36-35.40476  
 GRID FACTOR 1.0000058 US SURVEY FOOT

**REFERENCE DATA**

DISTANCE TO COMPANION OR AZIMUTH MARK 276.94  
 NORTH AZIMUTH TO COMPANION OR AZIMUTH MARK 143-36-35

**TYPE OF MARK** A RAILROAD SPIKE IN OLD DEPOT HILL ROAD OPPOSITE NUTMEG BLDG. SUPPLY

**SKETCH**



**CONTROL SURVEY MONUMENT DESCRIPTIONS**

JOB NO.     G3591     NAME OF MONUMENT     T-103      
 STATE     CONNECTICUT     COMPANION OR AZIMUTH     GPS 0543 (FIELD)      
 COUNTY     TOLLAND     SET BY     ADRGs     DATE     FEBRUARY, 1991      
 HORIZ. DATUM     CSPCS NAD 83     VERTICAL DATUM                       
 U.S.G.S. QUAD.     BROAD BROOK, CONN.      
 ZONE                      PROJECTION     LAMBERT    

**MONUMENT COORDINATE DATA**

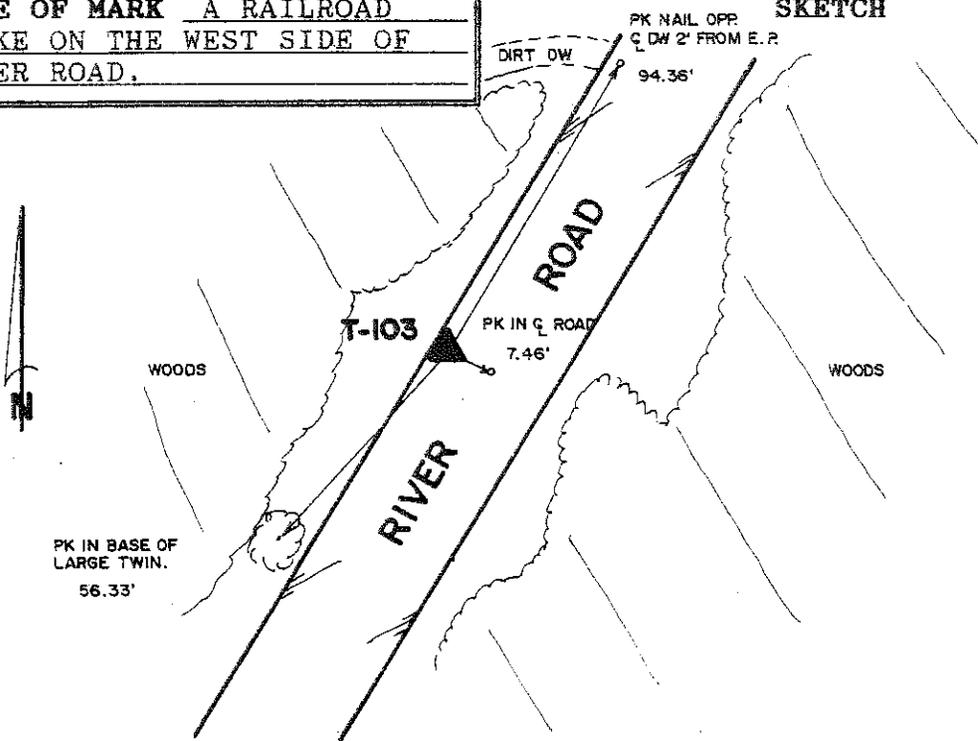
Y = (N)     901,065.00     X = (E)     1,035,183.63      
 ELEVATION                       
 LATITUDE     41-56-02.241     LONGITUDE     72-37-14.509      
 GRID FACTOR     0.9999956     US SURVEY FOOT

**REFERENCE DATA**

DISTANCE TO COMPANION OR AZIMUTH MARK     665.88      
 NORTH AZIMUTH TO COMPANION OR AZIMUTH MARK     42-32-33    

**TYPE OF MARK**     A RAILROAD      
    SPIKE ON THE WEST SIDE OF      
    RIVER ROAD.    

**SKETCH**



A.D.R. GEODETIC SERVICES

**CONTROL SURVEY MONUMENT DESCRIPTIONS**

JOB NO. G3591 NAME OF MONUMENT T-200  
 STATE CONNECTICUT COMPANION OR AZIMUTH GPS 0533 (29053)  
 COUNTY TOLLAND SET BY ADRGs DATE FEBRUARY, 1991  
 HORIZ. DATUM CSPCS NAD 83 VERTICAL DATUM \_\_\_\_\_  
 U.S.G.S. QUAD. ELLINGTON, CONN.  
 ZONE \_\_\_\_\_ PROJECTION LAMBERT

**MONUMENT COORDINATE DATA**

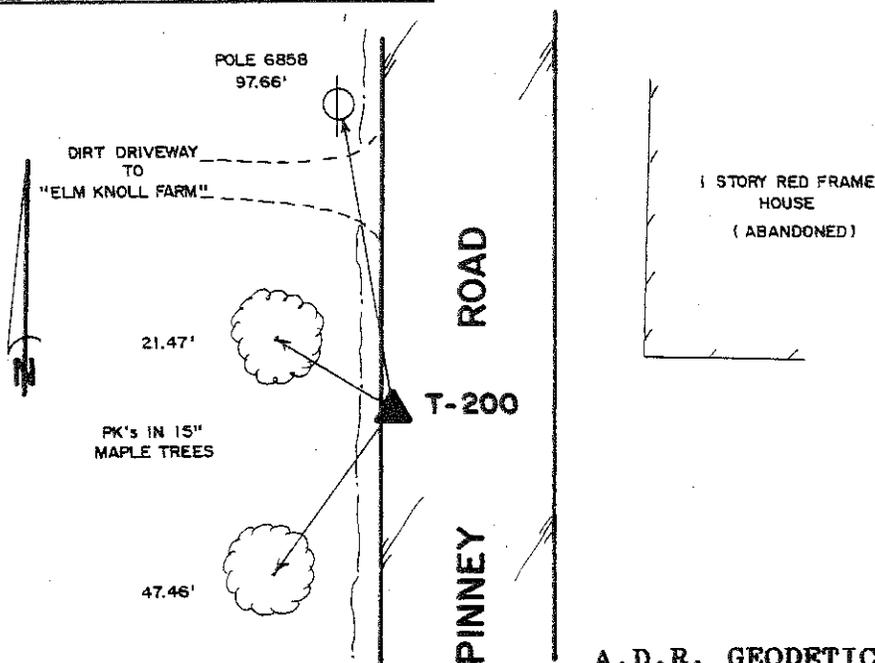
Y = (N) 909,827.70 X = (E) 1,072,709.49  
 ELEVATION \_\_\_\_\_  
 LATITUDE 41-57-27.956 LONGITUDE 72-28-57.674  
 GRID FACTOR 0.9999985 US SURVEY FOOT

**REFERENCE DATA**

DISTANCE TO COMPANION OR AZIMUTH MARK 2344.93  
 NORTH AZIMUTH TO COMPANION OR AZIMUTH MARK 359-33-58

**TYPE OF MARK** A RAILROAD SPIKE AT THE WEST EDGE OF PINNEY ROAD OPPOSITE HOUSE.

**SKETCH**



A.D.R. GEODETIC SERVICES

**CONTROL SURVEY MONUMENT DESCRIPTIONS**

JOB NO. G3591 NAME OF MONUMENT T-207  
 STATE CONNECTICUT COMPANION OR AZIMUTH GPS 0531 (29049)  
 COUNTY TOLLAND SET BY ADRS DATE FEBRUARY, 1991  
 HORIZ. DATUM CSPCS NAD 83 VERTICAL DATUM \_\_\_\_\_  
 U.S.G.S. QUAD. ELLINGTON, CONN.  
 ZONE \_\_\_\_\_ PROJECTION LAMBERT

**MONUMENT COORDINATE DATA**

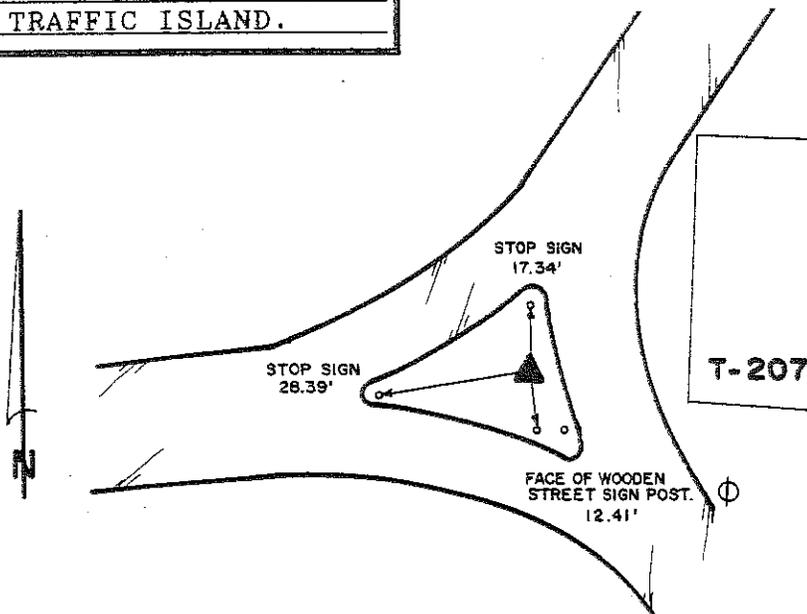
Y = (N) 919,015.38 X = (E) 1,071,210.76  
 ELEVATION \_\_\_\_\_  
 LATITUDE 41-58-58.765 LONGITUDE 72-29-17.141  
 GRID FACTOR 1.0000043 US SURVEY FOOT

**REFERENCE DATA**

DISTANCE TO COMPANION OR AZIMUTH MARK 979.47  
 NORTH AZIMUTH TO COMPANION OR AZIMUTH MARK 316-04-02

**TYPE OF MARK** A REBAR WITH AN ALUMINUM CAP IN A TRI-ANGULAR TRAFFIC ISLAND.

**SKETCH**



**A.D.R. GEODETIC SERVICES**

TOWN OF ENFIELD, CONNECTICUT  
VERTICAL SURVEY CONTROL

STREET: Simon Road

STATION: 100 Elev.= 130.74

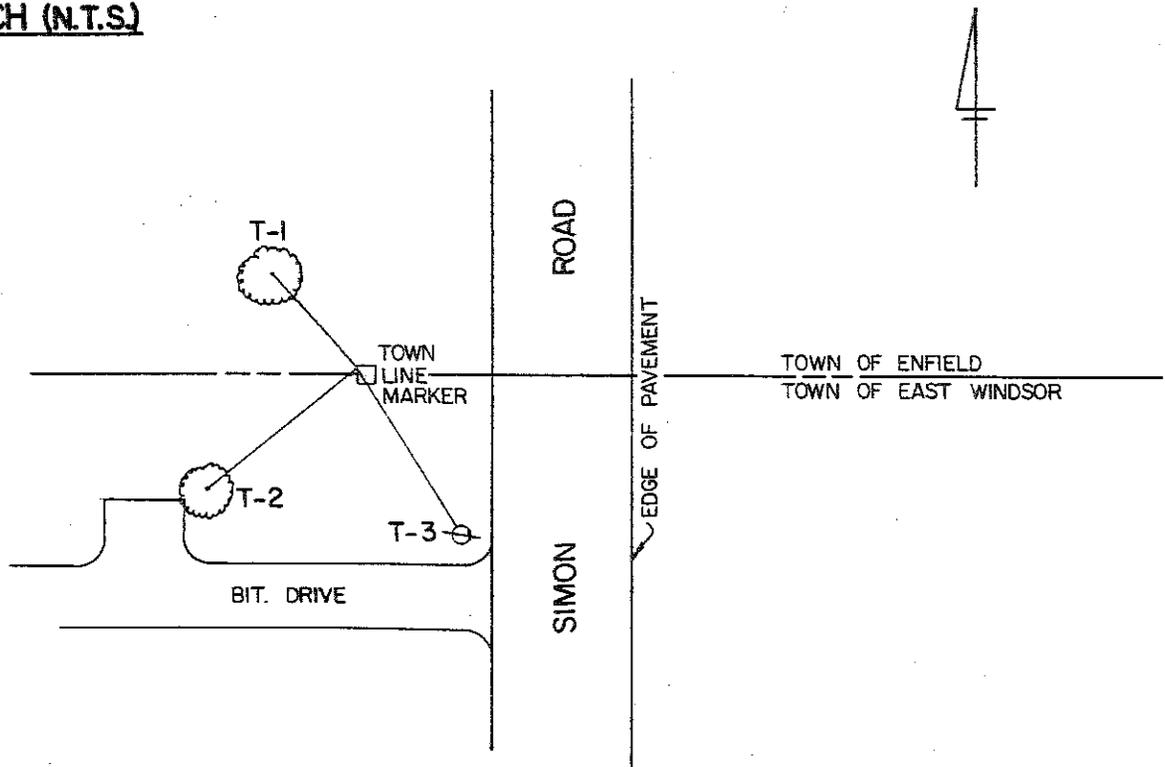
STATION DESCRIPTION: Top north west corner of a granite town line monument.

T-1 29.77' : PK in 24" oak northwest of station.

T-2 40.87' : PK in 6" maple southwest of station.

T-3 39.44' : Spike nail in pole# 26198

SKETCH (N.T.S.)



TOWN OF ENFIELD, CONNECTICUT  
VERTICAL SURVEY CONTROL

**STREET:** Raffia Road

**STATION:** 101      Elev.= 125.95

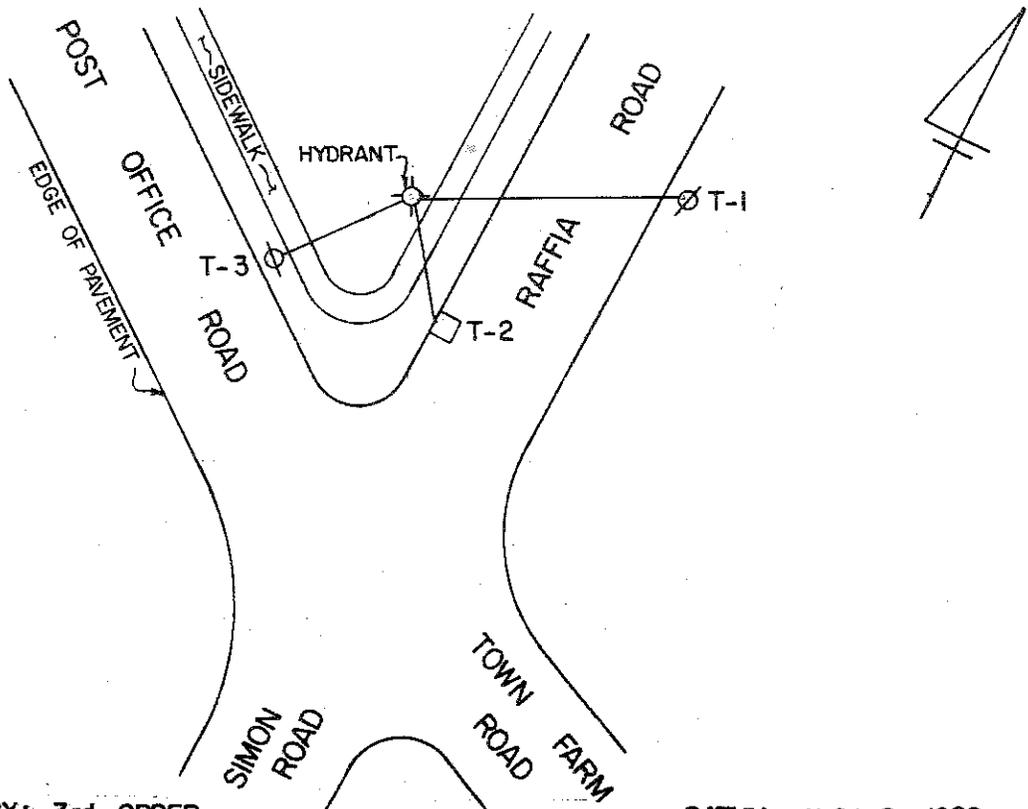
**STATION DESCRIPTION:**      Mueller nut on fire hydrant at intersection  
of Post Office Road and Raffia Road.

T-1      55.01'      :      PK in CL & P 20002.

T-2      28.60'      :      A bolt with a drill hole set in the top  
center line of catch basin curb.

T-3      33.65'      :      PK in pole# 6962

**SKETCH (N.T.S.)**



TOWN OF ENFIELD, CONNECTICUT  
VERTICAL SURVEY CONTROL

STREET: Intersection of Post Road  
and Raffia Road

STATION: 102 Elev.= 128.79

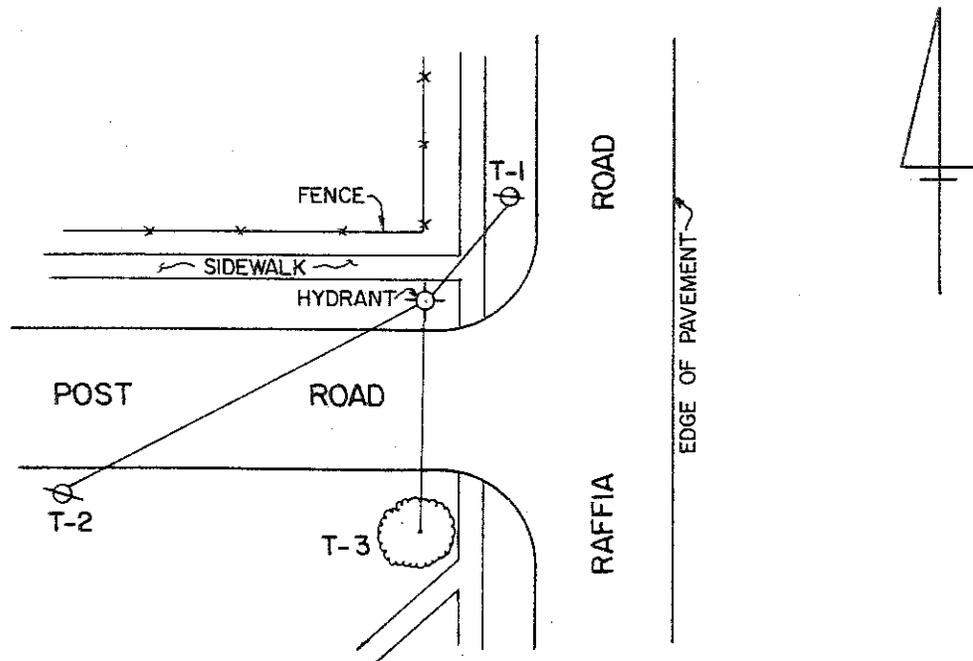
STATION DESCRIPTION: Southeast flange nut on fire hydrant at north  
west corner of intersection of Post Road and  
Raffia Road.

T-1 20.80' : PK in CL & P 10822.

T-2 131.12' : PK in CL & P 17852.

T-3 63.44' : PK in 15" oak south of station.

SKETCH (N.T.S.)



TOWN OF ENFIELD, CONNECTICUT  
VERTICAL SURVEY CONTROL

STREET: Southwood Road

STATION: 103 Elev.= 142.21

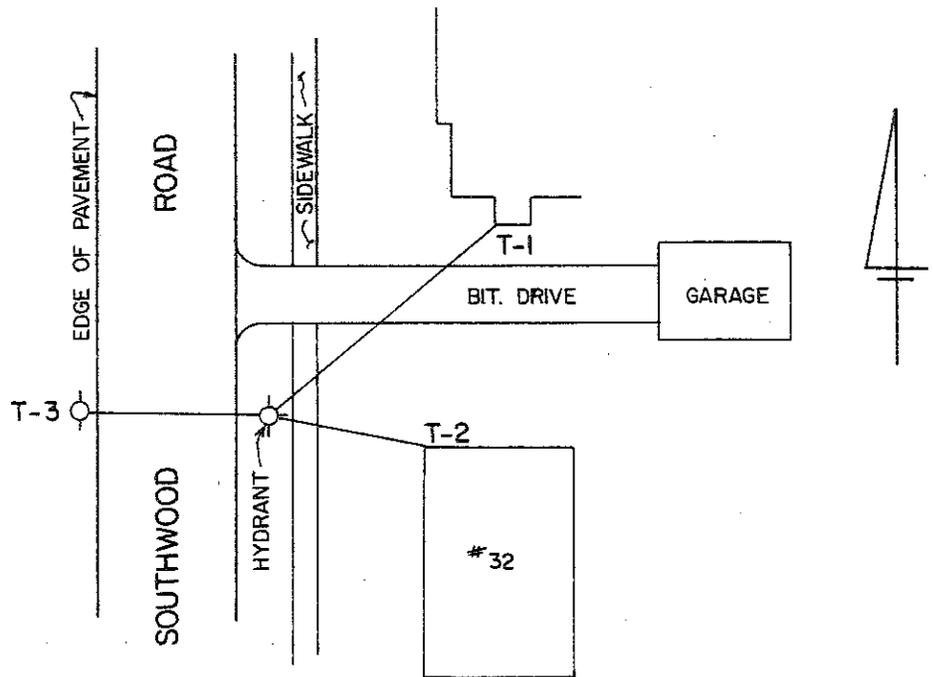
STATION DESCRIPTION: Mueller nut on fire hydrant in front of house# 32 Southwood Road.

T-1 51.00' : Southwest corner of top concrete step.

T-2 32.35' : Corner of foundation at intersection with siding at northwest corner house.

T-3 35.30' : PK in CL & P 14665.

SKETCH (N.T.S.)



TOWN OF ENFIELD, CONNECTICUT  
VERTICAL SURVEY CONTROL

STREET: Steele Road

STATION: 104      Elev.= 117.65

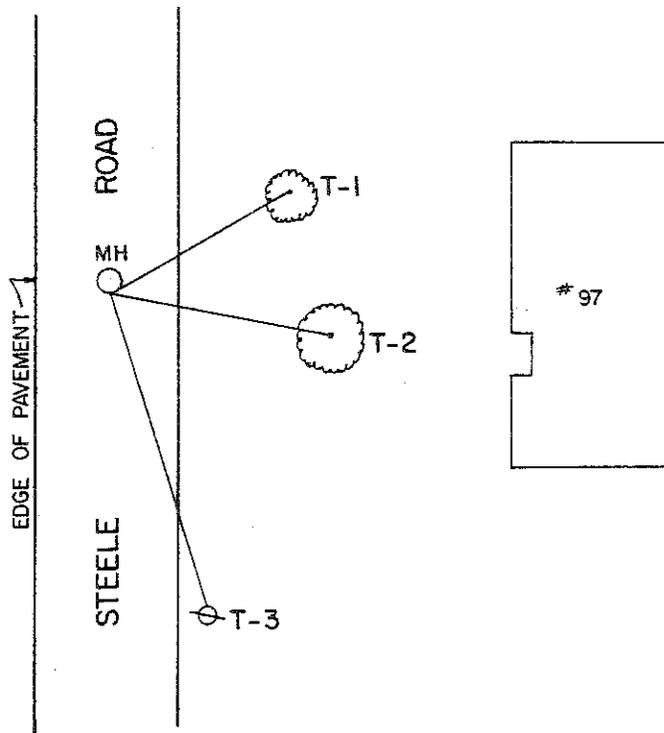
STATION DESCRIPTION: South edge of sanitary manhole frame opposite of 97 Steele Road.

T-1      40.90'      :      PK in 15" double maple.

T-2      48.62'      :      PK in 24" maple.

T-3      76.46'      :      PK in CL & P 3917.

SKETCH (N.T.S.)



TOWN OF ENFIELD, CONNECTICUT  
VERTICAL SURVEY CONTROL

STREET: Intersection of Charnley Road and Still Lane Road      STATION: 105      Elev.= 192.99

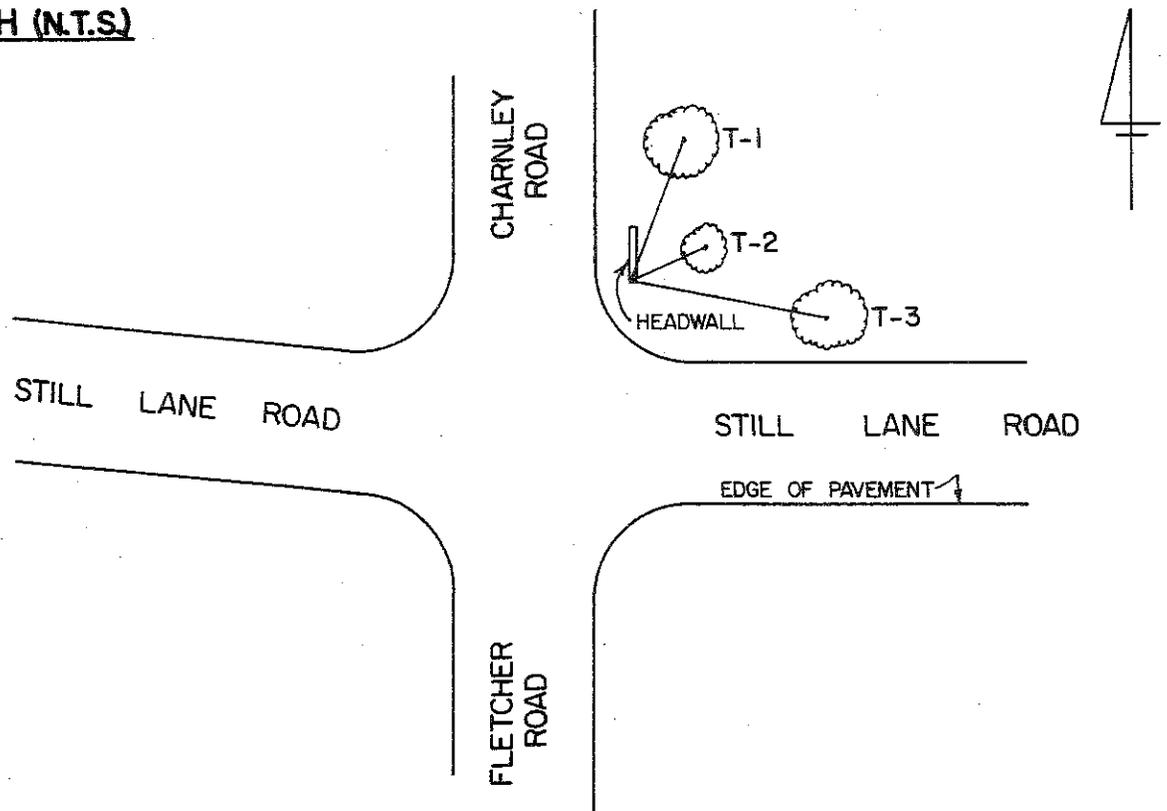
STATION DESCRIPTION: Southwest corner of concrete headwall at north east corner of Charnley Road and Still Lane Road intersection.

T-1      19.06'      :      Spike nail in 36" maple north of station.

T-2      12.58'      :      Spike nail in 18" oak east of station.

T-3      33.93'      :      Spike nail in 36" maple southwest of station.

SKETCH (N.T.S.)



TOWN OF ENFIELD, CONNECTICUT  
VERTICAL SURVEY CONTROL

STREET: Broad Brook Road (Route 191)      STATION: 106      Elev.= 152.51

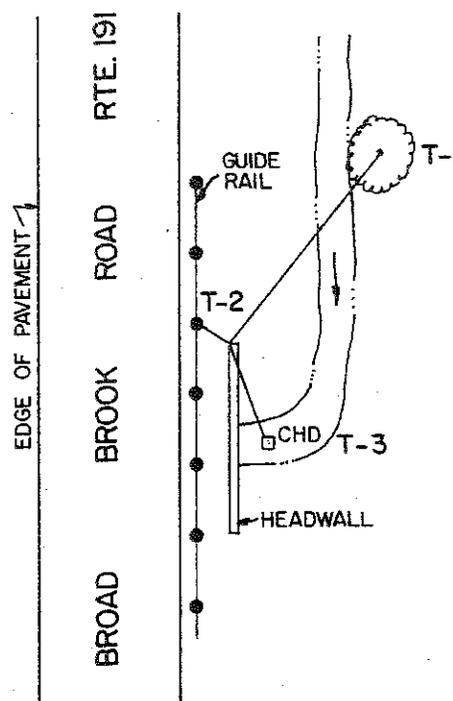
STATION DESCRIPTION: Northeast corner 20' X 1' concrete headwall on east side of Broad Brook Road (Route 191) at house numbers 145 & 149.

T-1      26.60'      :      Spike nail in 18" maple northeast of station.

T-2      6.20'      :      Spike nail in wood guide post.

T-3      11.56'      :      C.H.D. marker in center line of brook.

SKETCH (N.T.S.)



TOWN OF ENFIELD, CONNECTICUT  
VERTICAL SURVEY CONTROL

STREET: Broad Brook Road (Route 191)

STATION: 107 Elev. = 149.76

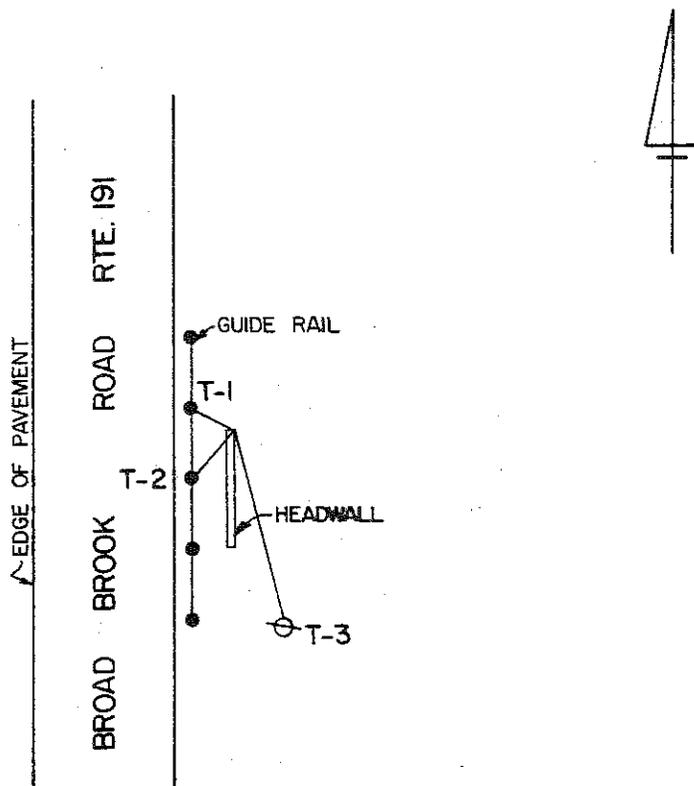
STATION DESCRIPTION: Northeast corner of concrete headwall on east side of Broad Brook Road (Route 191) opposite of 22 Broad Brook Road.

T-1      8.90'      :      Spike nail in wood guide post.

T-2      5.80'      :      Spike nail in wood guide post.

T-3      32.67'     :      Spike nail in CL & P 1473.

SKETCH (N.T.S.)



TOWN OF ENFIELD, CONNECTICUT  
VERTICAL SURVEY CONTROL

STREET: Elm Street Route 220

STATION: 108 Elev.= 135.89

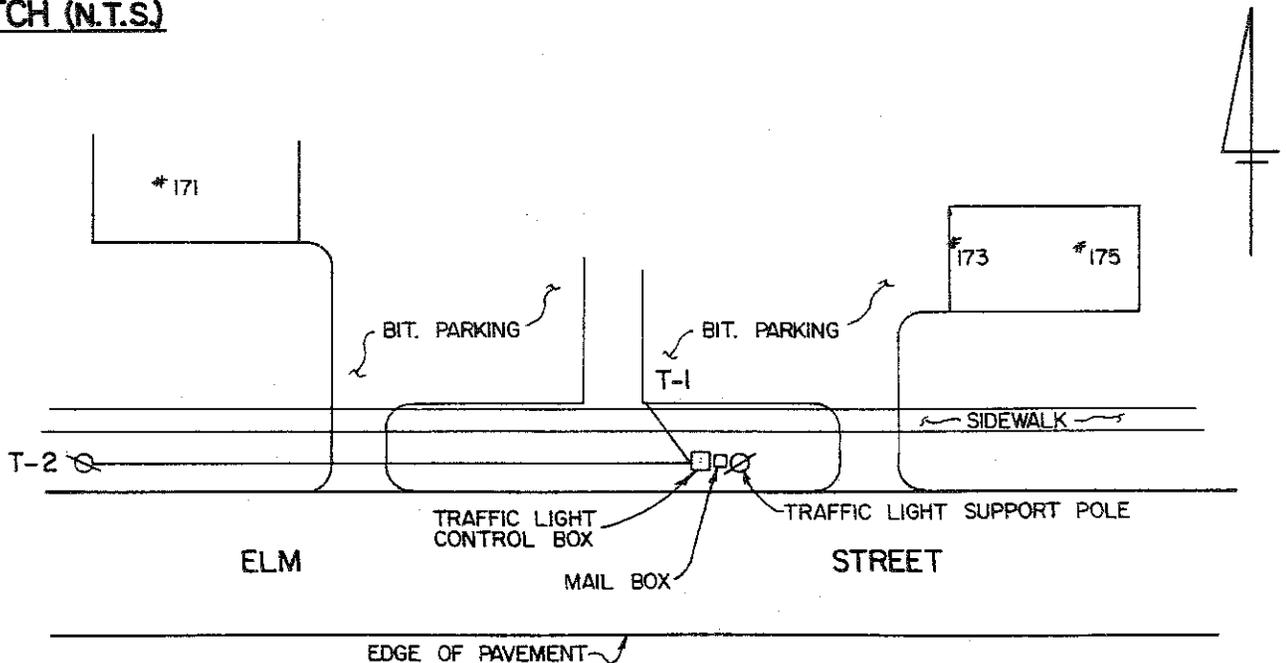
STATION DESCRIPTION: Southwest corner of concrete base for traffic light control box.

T-1 11.73' : PK in corner of bituminous curb.

T-2 125.99' : PK in CL & P 27716

T-3 \_\_\_\_\_ :

SKETCH (N.T.S.)



TOWN OF ENFIELD, CONNECTICUT  
VERTICAL SURVEY CONTROL

STREET: Oliver Road

STATION: 109    Elev.= 121.25

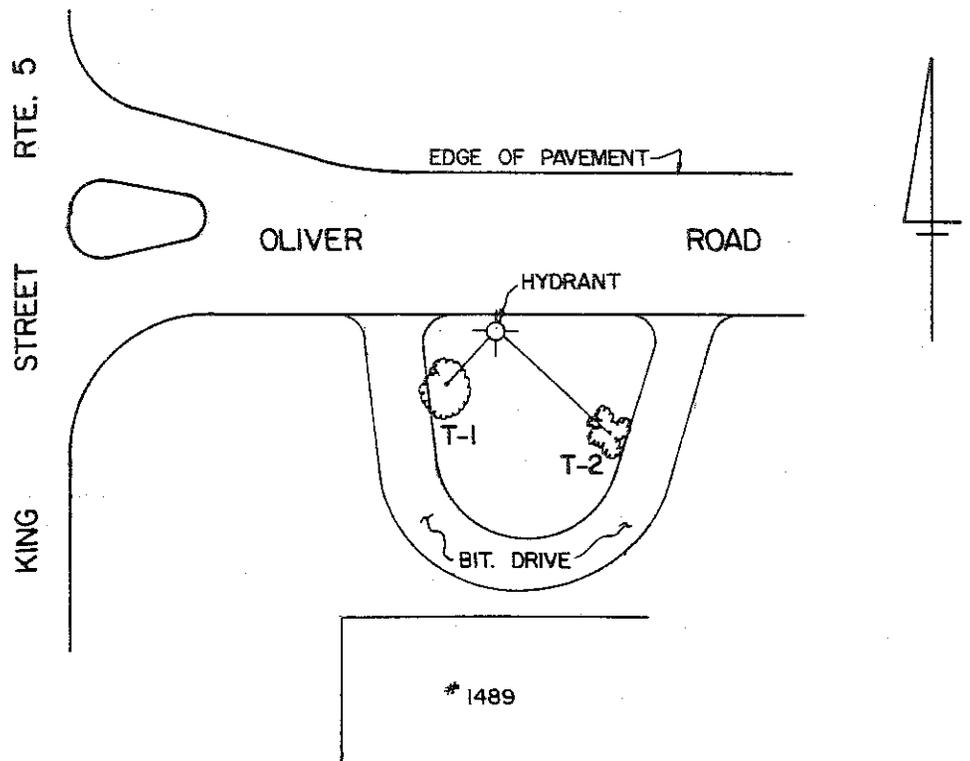
STATION DESCRIPTION: Easterly Mueller nut on fire hydrant.

T-1    17.43'    :    Nail in 10" oak.

T-2    66.91'    :    Nail in 24" tree of cotton wood cluster.

T-3    :    :

SKETCH (N.T.S.)



TOWN OF ENFIELD, CONNECTICUT  
VERTICAL SURVEY CONTROL

STREET: Brainard Road

STATION: 110 Elev.= 137.35

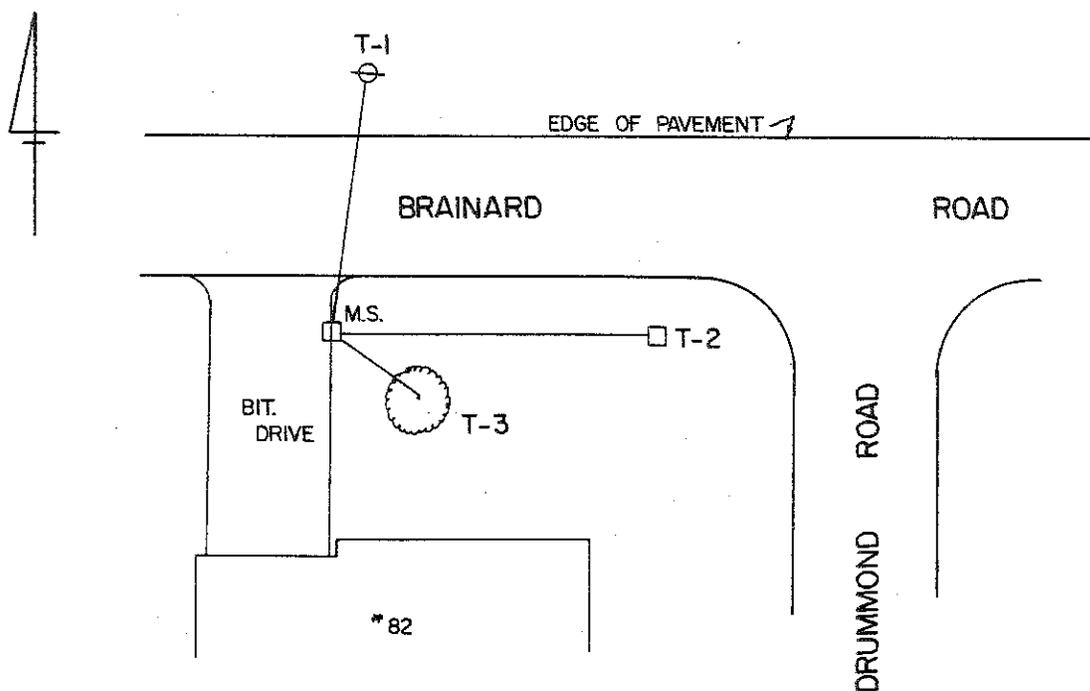
STATION DESCRIPTION: Top reinforcing rod of concrete monument.

T-1 43.20' : PK in CL & P 2498.

T-2 47.95' : Center line of concrete monument.

T-3 18.75' : PK in 12" maple.

SKETCH (N.T.S.)



TOWN OF ENFIELD, CONNECTICUT  
VERTICAL SURVEY CONTROL

STREET: Brainard Road

STATION: 111 Elev. = 173.27

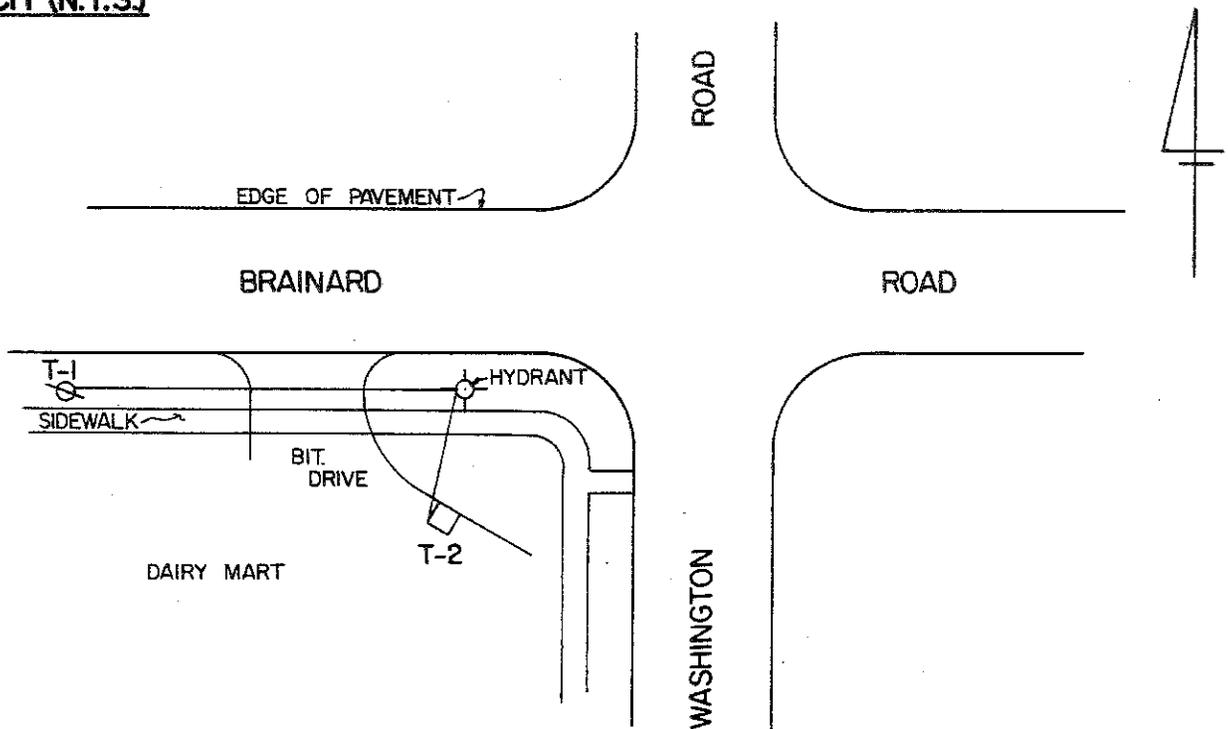
STATION DESCRIPTION: Easterly flange nut on fire hydrant at southwest corner of intersection of Brainard Road and Washington Road.

T-1 104.45' : PK in CL & P 2454.

T-2 29.45' : Chiseled "X" in southwest corner of CB frame.

T-3 :

SKETCH (N.T.S.)



TOWN OF ENFIELD, CONNECTICUT  
VERTICAL SURVEY CONTROL

STREET: Park Street \_\_\_\_\_

STATION: 112 Elev.= 192.67 \_\_\_\_\_

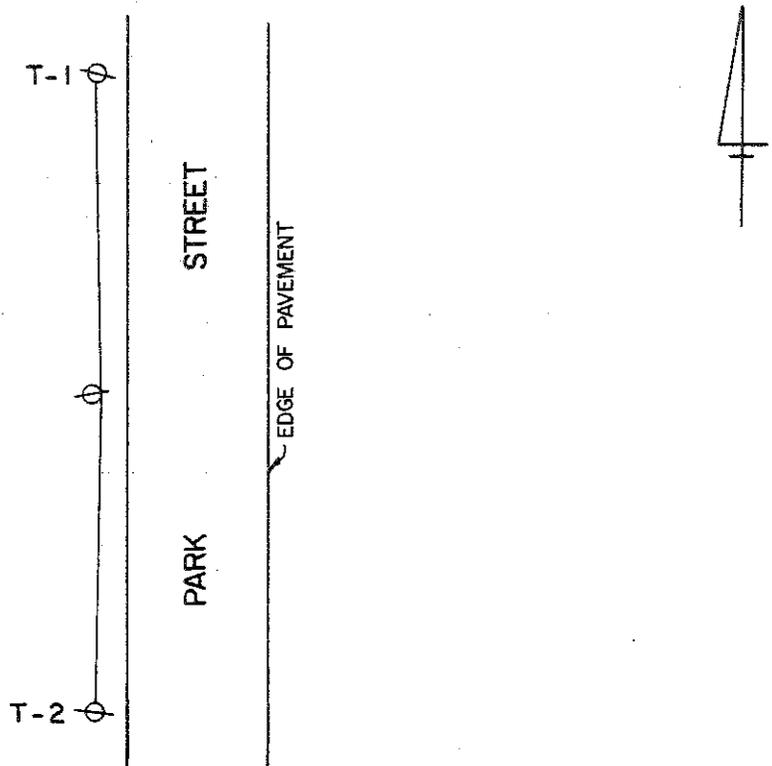
STATION DESCRIPTION: Spike nail in CL & P 1509 which is 350'± north of the intersection of Park Street and Oak Street.

T-1 175.04' : PK in CL & P 1510.

T-2 172.70' : PK in CL & P 1508.

T-3 \_\_\_\_\_ :

SKETCH (N.T.S.)



TOWN OF ENFIELD, CONNECTICUT  
VERTICAL SURVEY CONTROL

STREET: Moody Road

STATION: 113 Elev.= 185.43

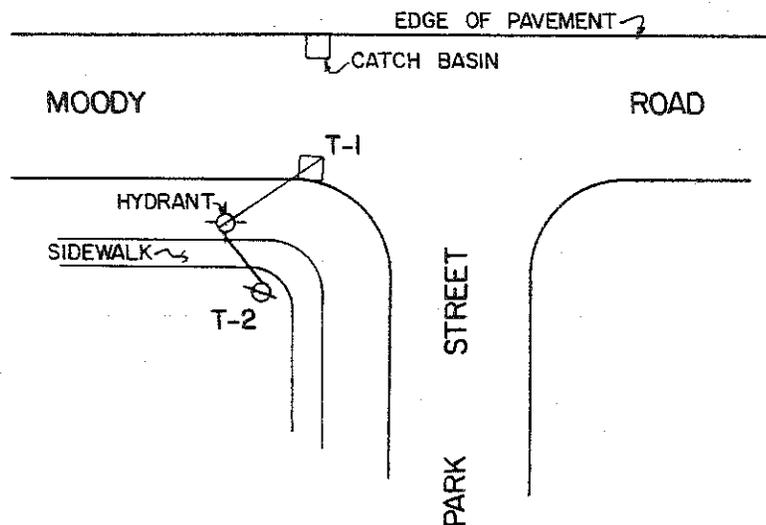
STATION DESCRIPTION: Mueller nut on fire hydrant at southwest corner of intersection of Moody Road and Park Street.

T-1 16.51' : Chiseled cross in northeast corner of CB frame.

T-2 9.43' : PK in CL & P 1550.

T-3 :

SKETCH (N.T.S.)



TOWN OF ENFIELD, CONNECTICUT  
VERTICAL SURVEY CONTROL

STREET: Moody Road

STATION: 114 Elev.= 173.59

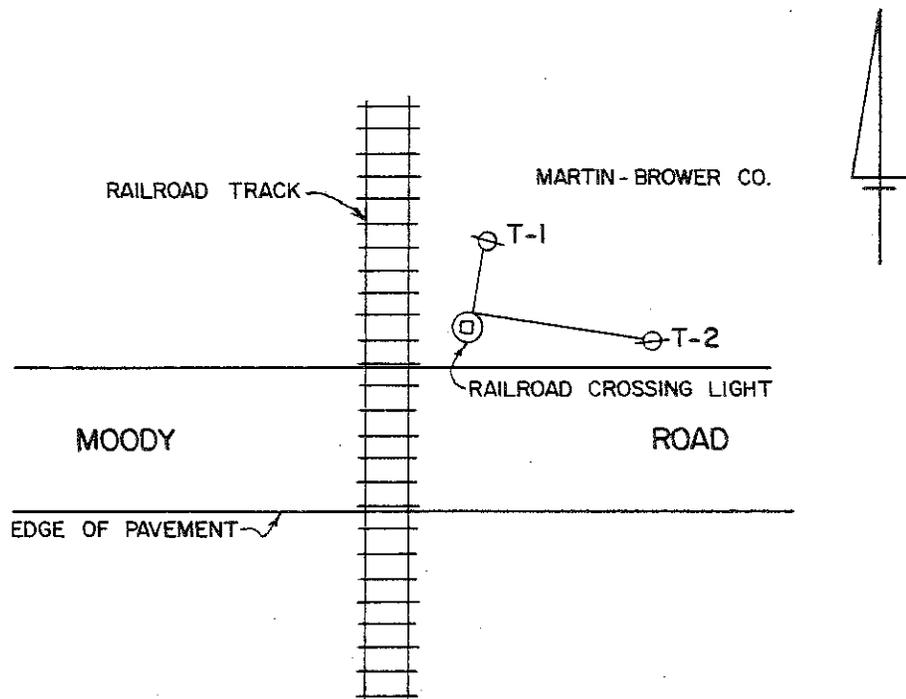
STATION DESCRIPTION: Square chisel cut in concrete base of a railroad crossing light.

T-1 15.98' : PK in utility pole.

T-2 30.50' : PK in CL & P 208185.

T-3 \_\_\_\_\_ :

SKETCH (N.T.S.)



TOWN OF ENFIELD, CONNECTICUT  
VERTICAL SURVEY CONTROL

STREET: Maple Street

STATION: 115 Elev.= 180.04

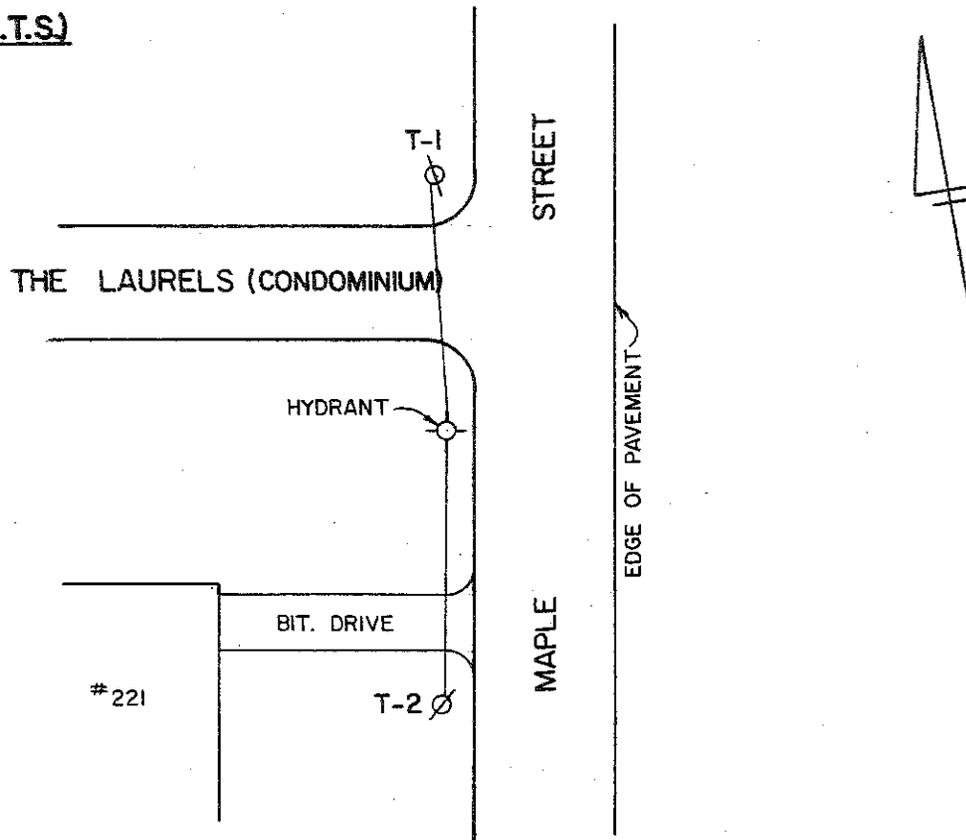
STATION DESCRIPTION: A Mueller nut on fire hydrant.

T-1 56.80' : PK in CL & P 2075.

T-2 55.68' : PK in utility pole.

T-3 \_\_\_\_\_ :

SKETCH (N.T.S.)



ORDER OF ACCURACY: 3rd ORDER

DATUM: N.G.V.D. 1929

TOWN OF ENFIELD, CONNECTICUT  
VERTICAL SURVEY CONTROL

STREET:      North Maple Street

STATION:      116      Elev.= 174.81

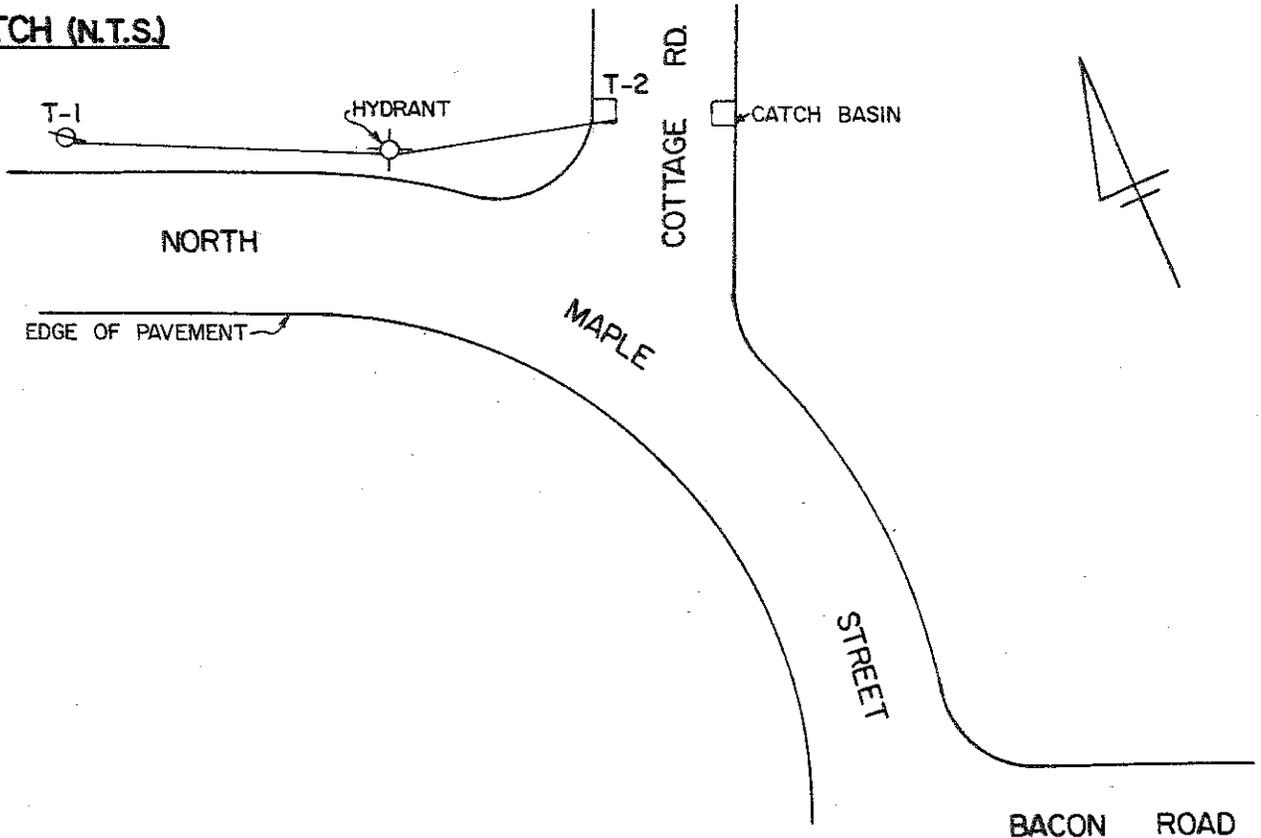
STATION DESCRIPTION:      A Mueller nut on fire hydrant..

T-1      71.10'      :      PK in CL & P 2416.

T-2      33.30'      :      A chiseled "X" in south east corner of CB frame.

T-3      \_\_\_\_\_ :      \_\_\_\_\_

SKETCH (N.T.S.)



ORDER OF ACCURACY: 3rd ORDER

DATUM: N.G.V.D. 1929

TOWN OF ENFIELD, CONNECTICUT  
VERTICAL SURVEY CONTROL

STREET:      North Maple Street

STATION:      117      Elev.= 186.20

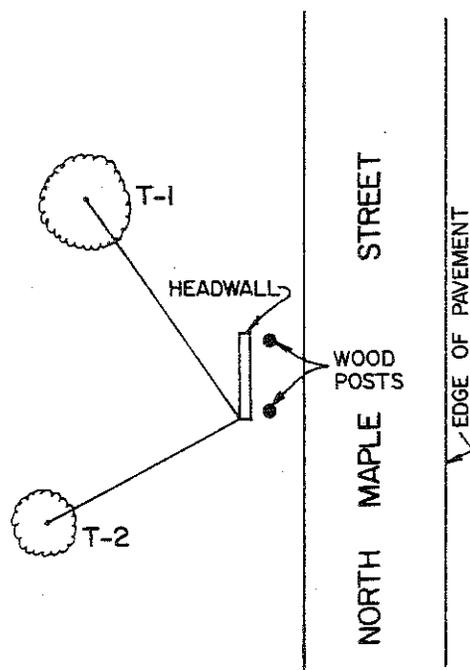
STATION DESCRIPTION:      Southwest corner of concrete headwall on west side of North Maple Street. Headwall being 5' northerly of intersection of North Maple Street and Brainard Road.

T-1      23.96'      :      PK in 24" oak.

T-2      34.70'      :      PK in 10" maple.

T-3      \_\_\_\_\_ :      \_\_\_\_\_

SKETCH (N.T.S.)



TOWN OF ENFIELD, CONNECTICUT  
VERTICAL SURVEY CONTROL

**STREET:** North Maple Street

**STATION:** 118 Elev.= 192.84

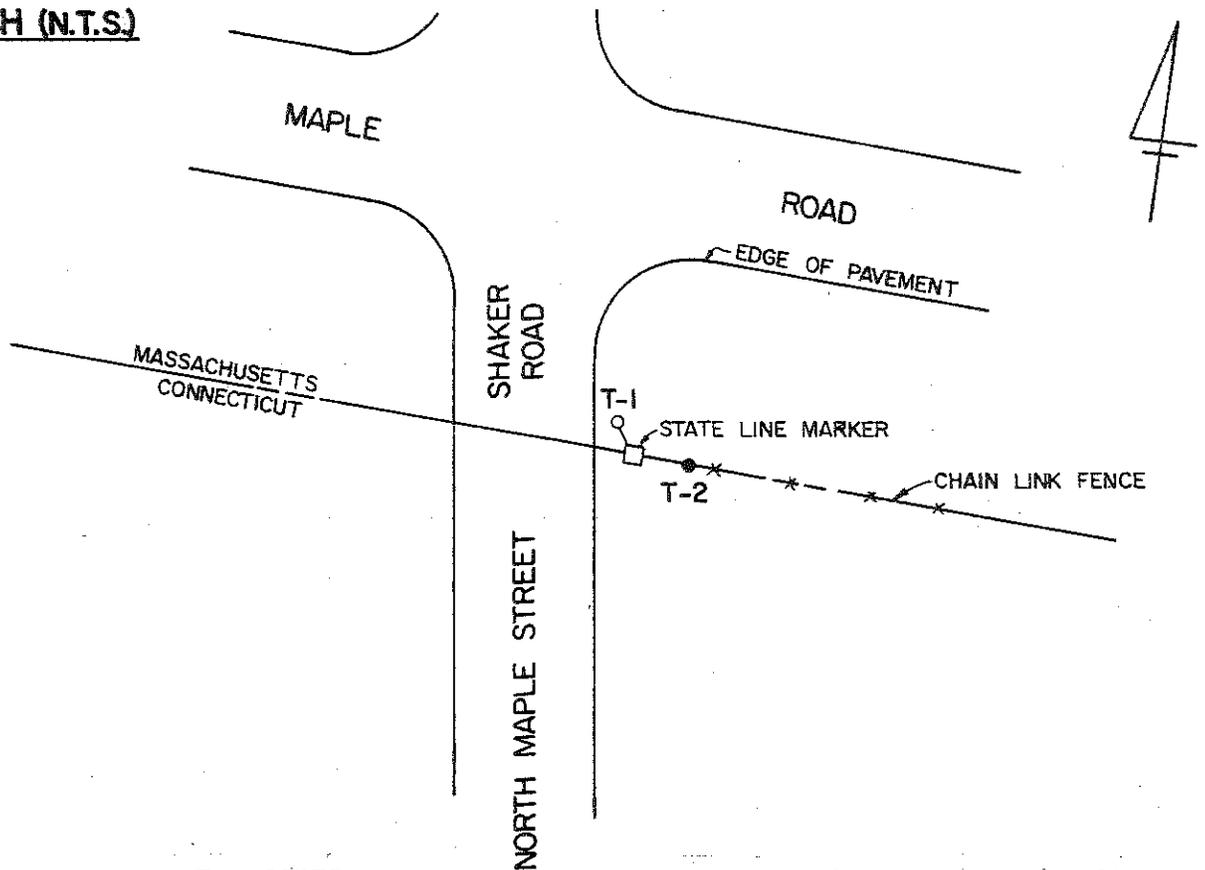
**STATION DESCRIPTION:** Top center line granite state line marker  
approximate 3.5' above ground.

**T-1** 1.76' : Chiseled cross in south side of a steel state  
line sign post approximately 4' above the  
ground.

**T-2** 9.83' : Chiseled cross in the west side of a steel  
fence post approximately 4' above the ground.

**T-3** \_\_\_\_\_ :

**SKETCH (N.T.S.)**



TOWN OF ENFIELD, CONNECTICUT  
VERTICAL SURVEY CONTROL

STREET:      Shaker Road

STATION:    119      Elev.= 227.74

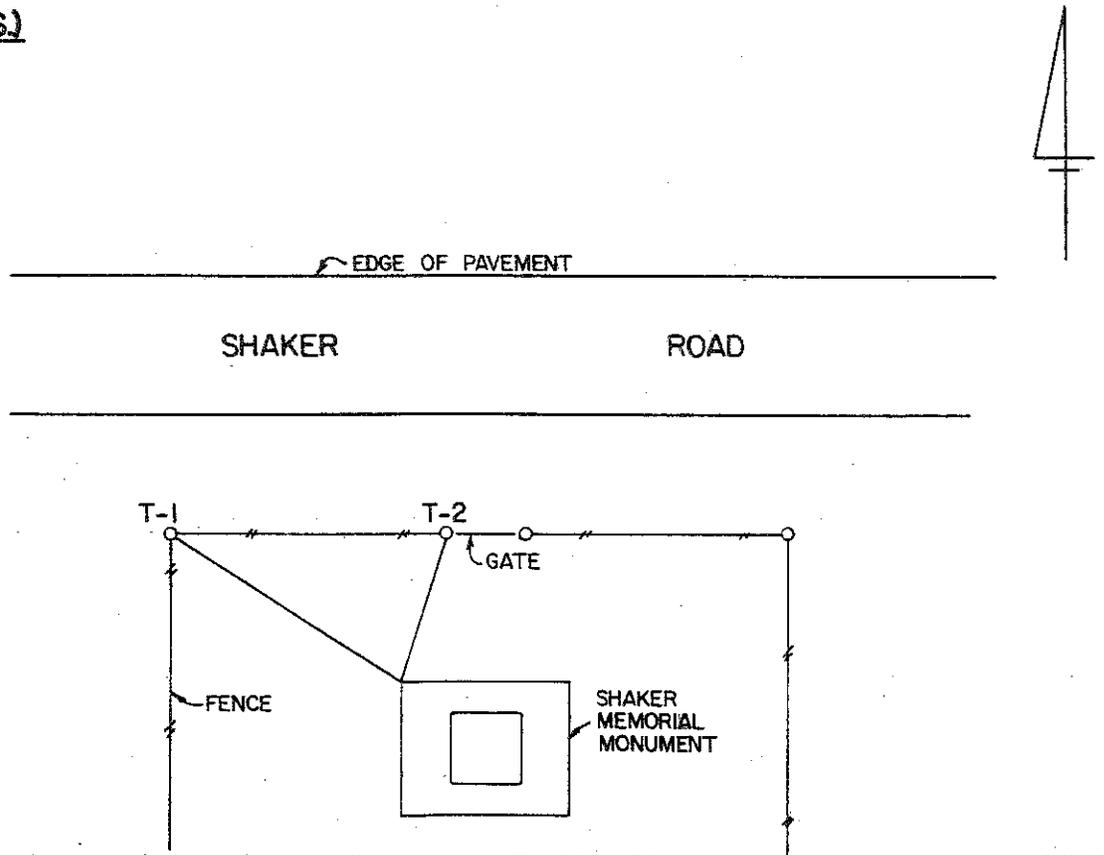
STATION DESCRIPTION:    Top of base for Shaker Memorial monument at north west corner.

T-1      77.08'      :    Top center line of steel post at northwest corner of fence.

T-2      20.00'      :    Top center line of westerly steel gate post.

T-3      \_\_\_\_\_ :    \_\_\_\_\_

SKETCH (N.T.S.)



TOWN OF ENFIELD, CONNECTICUT  
VERTICAL SURVEY CONTROL

STREET: Taylor Road

STATION: 120 Elev. = 234.95

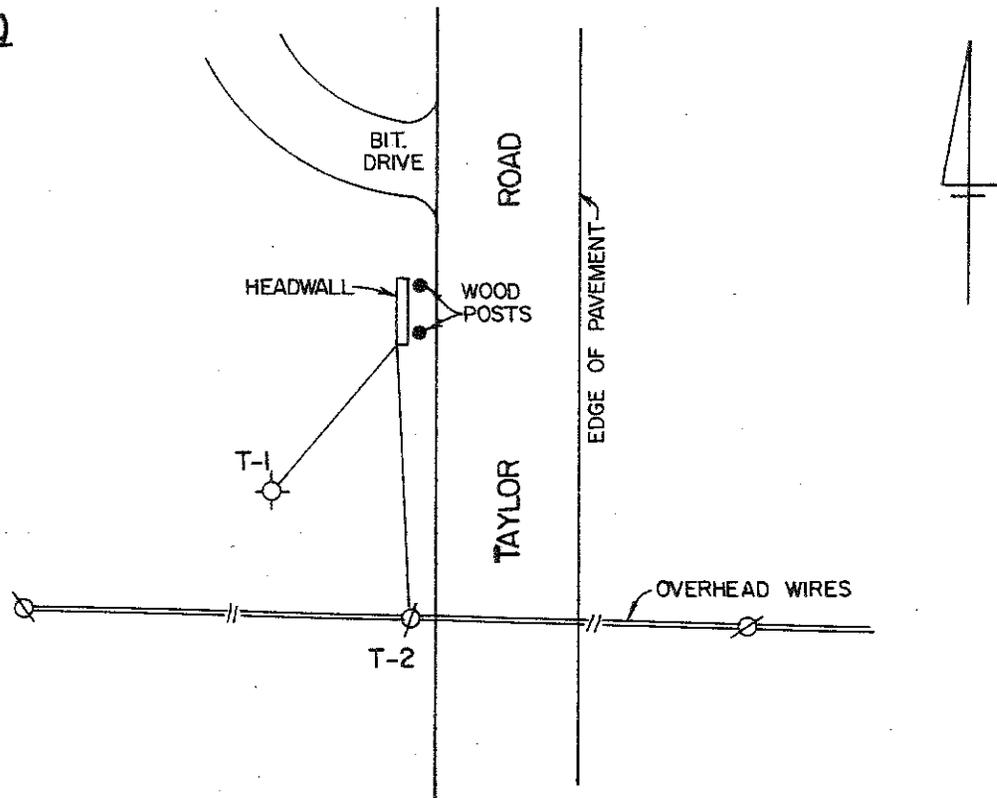
STATION DESCRIPTION: Top of concrete at southwest corner of concrete headwall at northerly end of prison property.

T-1 39.25' : Top center line of fire hydrant.

T-2 61.70' : PK in pole# 481.

T-3 \_\_\_\_\_ :

SKETCH (N.T.S.)



# TOWN OF ENFIELD, CONNECTICUT

## VERTICAL SURVEY CONTROL

STREET: Weymouth Road and  
Steele Road

STATION: 544 Elev.= 121.85

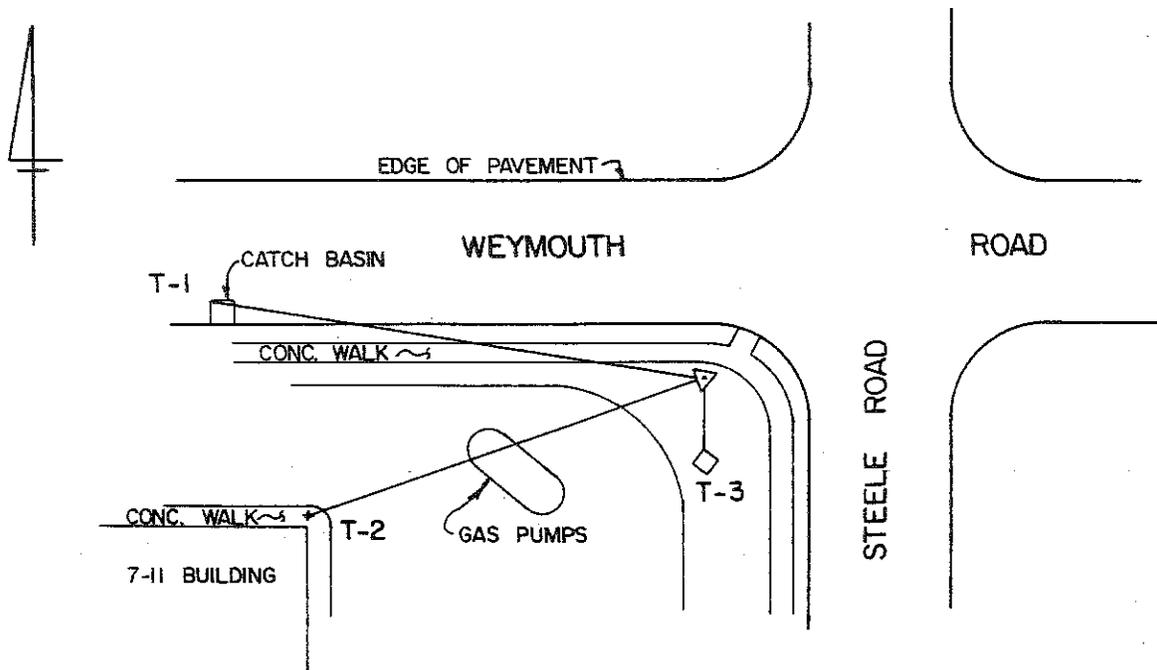
STATION DESCRIPTION: The station is 2" diameter disk set on top of a 36" rebar. The disk is recessed 1/2" into the ground. The station is located at the intersection of Weymouth Road and Steele Road.

T-1 104.93' : A cross cut in the northwest corner of the catch basin.

T-2 89.96' : A cross cut in the concrete sidewalk.

T-3 16.76' : A cross cut in the northwest corner of the 7-11 sign post.

### SKETCH (N.T.S.)



# TOWN OF ENFIELD, CONNECTICUT

## VERTICAL SURVEY CONTROL

**STREET:** Raffia Road

**STATION:** 548 Elev.= 142.04

**STATION DESCRIPTION:**

The station is a 2" diameter disk set on top of a 36" rebar. The disk is recessed 1/2" in the ground. To reach the station from the intersection of South Street and Raffia Road proceed south of Raffia Road 70'± to the station on the left (east).

**T-1** 65.39' :

A cross cut in the south corner of the walk signal.

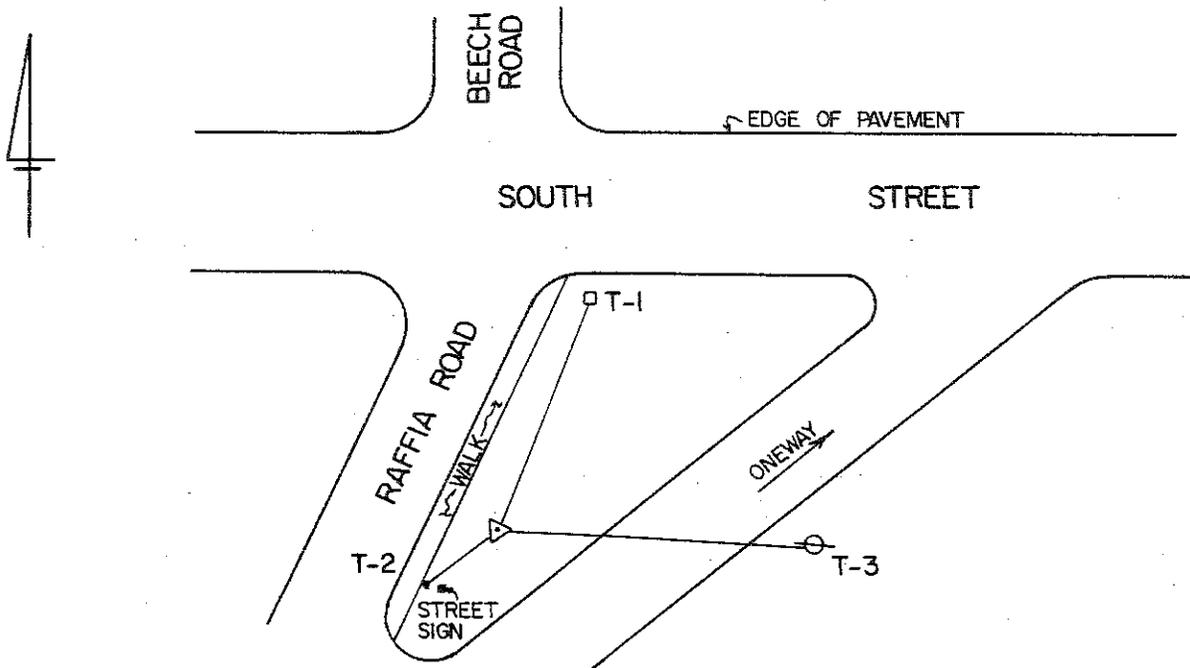
**T-2** 26.25' :

A pk nail in the bituminous curb opposite the street sign.

**T-3** 81.98' :

A pk nail on the east face of utility pole CL & P 11285.

**SKETCH (N.T.S.)**



TOWN OF ENFIELD, CONNECTICUT  
VERTICAL SURVEY CONTROL

STREET: Taylor Road \_\_\_\_\_

STATION: 1691 X Elev. = 228.12 \_\_\_\_\_

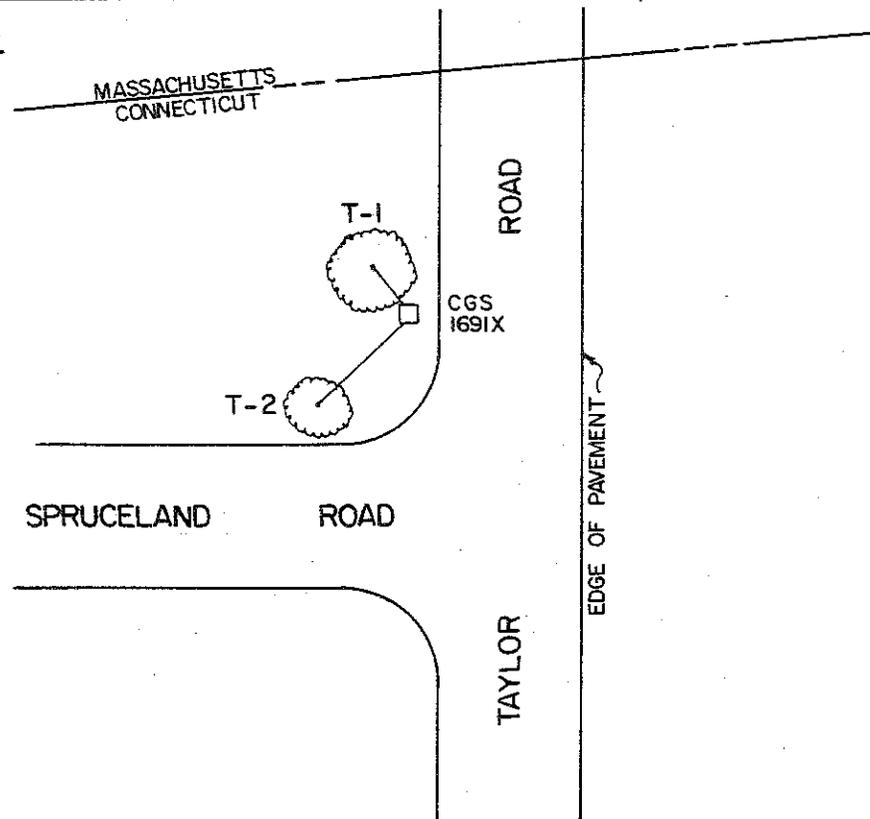
STATION DESCRIPTION: A concrete CGS monument with a brass disc# 1691 X in front yard of 637 Taylor Road.

T-1 7.89' \_\_\_\_\_ : PK in 30" Oak.

T-2 25.01' \_\_\_\_\_ : PK in 15" Maple.

T-3 \_\_\_\_\_ :

SKETCH (N.T.S.)





TOWN OF ENFIELD, CONNECTICUT  
VERTICAL SURVEY CONTROL

STREET: Maple Street

STATION: 6253 Elev.= 170.13

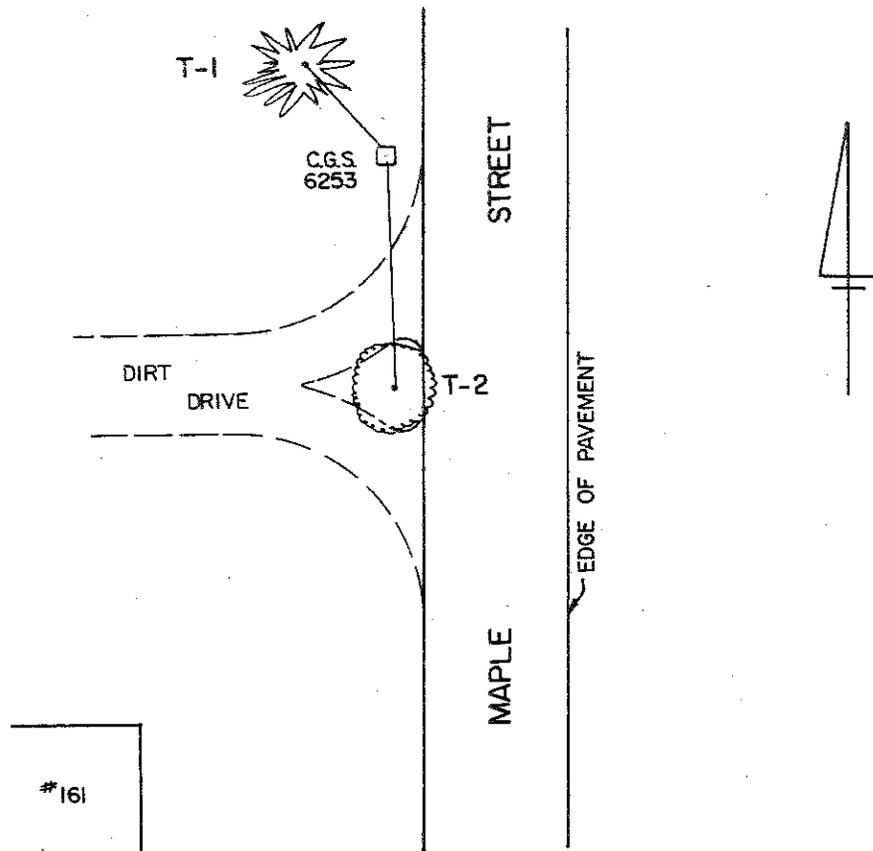
STATION DESCRIPTION: A concrete CGS monument set below the surface of the ground 50'± north of dirt drive to house# 161.

T-1 28.89' : PK in 24" pine.

T-2 47.96' : PK in 24" maple.

T-3 \_\_\_\_\_ :

SKETCH (N.T.S.)



ORDER OF ACCURACY: 3rd ORDER

DATUM: N.G.V.D. 1929

TOWN OF ENFIELD, CONNECTICUT  
VERTICAL SURVEY CONTROL

STREET:      Shaker Road

STATION:    6361      Elev.= 172.11

STATION DESCRIPTION:    A concrete CGS monument with brass disc# 6361

T-1      22.71'      :      A hex bolt with drill hole set in southeast corner concrete headwall.

T-2      8.30'      :      A hex bolt with drill hole set in concrete base of a railroad crossing light.

T-3      \_\_\_\_\_ :      \_\_\_\_\_

SKETCH (N.T.S.)

