

THIRD-ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1929

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

40-073-44
HARLEM QUADRANGLE
14 N.Y.-41 N.J.
N4045-W7345/15
DIAGRAM NK 18-12
NEW YORK

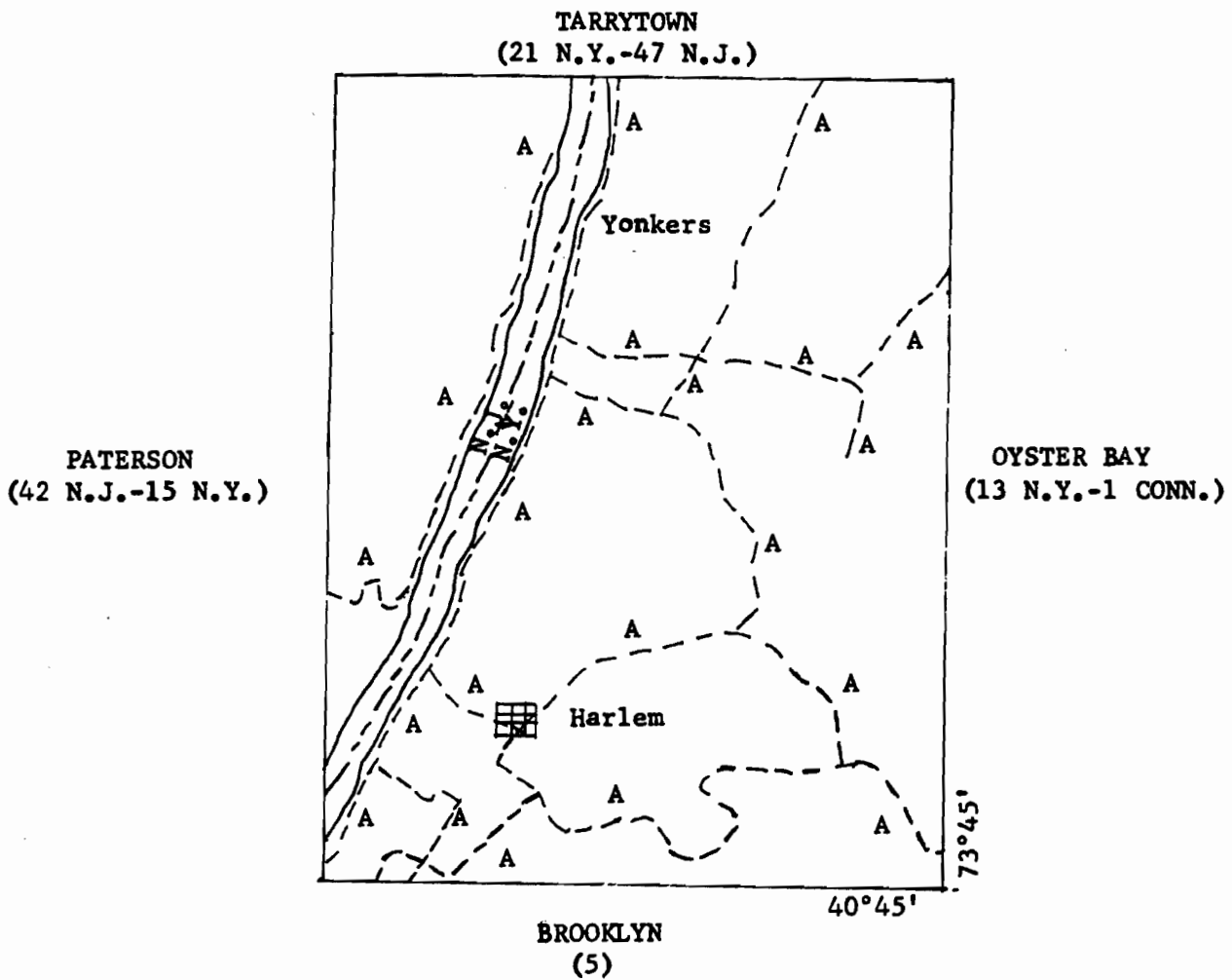
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Bergen, and Hudson Counties, N.J.;
Bronx, Kings, Nassau, Queens, & Westchester
Counties, N.Y.

Final adjustment of 1978

Edition of 8/3/78

PR: FJK/stc



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 400734

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<u>BOUNDARY MONUMENT</u>		<u>USCE</u>	
Not stamped (45.637)	3	26 G 3 1932	6
Not stamped (170.379)	4	<u>SAWMILL RIVER PKWY.</u>	
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<u>N.Y. CITY</u>		<u>COUNTY B.M.</u>	
Not stamped (390.898)	4	16	5

ISOLATED BENCH MARKS (By J. C. McGuire, 1932; Book B4285)Feet

Scarsdale, 2.0 mi. E. of; 160 ft SE. of center of triangle formed by forks of Saxon Woods rd. and Mamaroneck Road; in top of large rock outcrop; standard tablet stamped "TT 100 K 1932"	234.390
Scarsdale, 2.7 mi E. of, thence 0.5 mi S.; at stone viaduct of old Mamaroneck Rd. over Hutchinson River Parkway; 25 ft W. of centerline of rd.; 130 ft NW. of centerline of Parkway; at SE. end of stone fence; in top of concrete post; Westchester County Parkway Commission standard disk not stamped (boundary monument)	203.439
Tuckahoe, 3.0 mi E. of, thence 1.0 mi N.; at stone viaduct of Weaver Street over Hutchinson River Parkway; 25 ft W. of centerline of street; 180 ft NW. of centerline of parkway; in top of concrete post; W.C.P.C. standard disk not stamped (boundary monument)	221.217
New Rochelle, 2.9 mi N. of; on N. side of Quaker Ridge Road; 245 ft E. of junction of North Avenue and Quaker Ridge Road; in natural sandstone; standard tablet stamped "TT 50 K 1932"	154.161
Mount Vernon, at W. end of Lincoln Avenue viaduct over Hutchinson River Parkway, at W. end of N. stone coping, in sidewalk 5 ft S. of bldg. line of brick store adjacent to viaduct, in concrete monument 5-in. square and flush with sidewalk; W.C.P.C. standard disk not stamped (boundary monument)	45.637
Mount Vernon, at SE. corner of Gramatan and Lincoln Avenues, in top of N. header of stone steps at entrance to Columbus School; standard tablet stamped "TT 102 K 1932"	112.759
Mount Vernon, at SW. corner of hwy. bridge on S. 10th Avenue over New York, New Haven and Hartford RR.; at W. end of S. abutment and level with pavement of W. First Street; cut in top of NE. corner of large granite coping stone; chiseled square (Board of Estimate & Apportionment b.m. 1157)	150.247
Mount Vernon, on W. side of S. 10th Avenue, between W. First and W. Second Station, set horizontally in bluestone sill of first basement window S. of E. (main) entrance to Public School No. 3, about 16 ft from S. side of bldg., 4-in. from S. end of sill and 9-in. above ground; 3/4 in. copper bolt (Board of Estimate & Apportionment b.m. 1156)	151.331

ISOLATED BENCH MARKS (Cont'd.)Feet

Tuckahoe, 1.7 mi E. and 0.3 mi N. from, at stone viaduct of Mill Road over Hutchinson River Parkway, 36 ft E. of centerline of parkway, in top of concrete monument; W.C.P.C. standard disk not stamped (boundary monument)	170.379
By J. A. Anderson, 1932; Book B4277	
Ardsley, 1.6 mi SE. of; 70 ft S. of rd.; on point of curve on centerline of Catskill aqueduct; in concrete post; N.Y.C. standard disk not stamped	309.898
Greenville, 0.6 mi SW. of; in SW. corner of intersection Central Park Avenue and Ardsley Road; 130 ft W. of Central Park Avenue; 40 ft S. of Ardsley Road; in large granite outcrop; standard tablet stamped "TT 3 K 1932"	233.262
Bryn Mawr Park, about 0.25 mi E. of station (intersection of Central Park Avenue and Palmer Road); in center panel of E. abutment of Palmer Avenue bridge over Central Park Avenue; 50 ft E. of center of rd.; about 4.5 ft above level of Central Park Avenue; standard tablet stamped "TT 2 K 1932"	137.541
Bryn Mawr Park, on S. side of Palmer Avenue; about 700 ft E. of Putnam Division of New York Central and Hudson River Railroad; on line with prolongation of centerline of Maple Avenue; 5 ft S. of stone fence on S. side of Palmer Avenue; in top of natural rock; top of 1-in. iron bolt (Board of Estimate & Apportionment b.m. 1171)	246.107
Bryn Mawr Park, on NW. corner of Palmer Avenue and Putnam Division of New York Central & Hudson River RR., cut in SE. side of stone RR. station, in vertical face of large stone block 1.5 ft E. of S. window and 3 ft above cement platform; center of horizontal bar of "T" (Board of Estimate & Apportionment b.m. 1170)	231.262
Nepperhan, on NW. corner of Tuckahoe and Buckingham Roads; about 700 ft W. of Putnam Division of New York Central and Hudson River Railroad; on SW. corner of small stone and frame church, (corner stone inscribed "Memorial Methodist Episcopal Church"); center of horizontal bar of final "T" of work Methodist (Board of Estimate & Apportionment b.m. 1174)	150.302

ISOLATED BENCH MARKS (Cont'd.)Feet

Nepperhan, about 0.5 mi N. of Tuckahoe Road; 4.3 ft W. of W. rail of Putnam Division of New York Central & Hudson River RR.; in top of NW. abutment of RR. bridge over Sawmill River Road; 4.3 ft from SW. end of abutment; chiseled square (Board of Estimate & Apportionment b.m. 1175)	127.034
Nepperhan, S. of Odell Avenue; 18 ft E. of centerline of Sawmill River Road; 2.8 ft W. of base of steps to second house N. of RR. trestle; on N. edge of concrete walk; chiseled square (Sawmill River Parkway b.m. No. 104, elev. 115.345)	115.19
Hastings-on-Hudson, 2.0 mi S. of; 18 ft N. of Odell Avenue; 455 ft E. of North Broadway; in stone ledge S. of iron fence to Hudson Country Club grounds; standard tablet stamped "TT 51 K 1932"	258.660
Hastings-on-Hudson, on E. side of Farragut Road opposite Olinda Park; on corner stone in NW. corner of Union Free School (2-story red brick structure); 5.5 ft above ground and 3.17 ft from N. side of building; corner stone contains inscription "Union Free School District No. 4, Town of Greenburgh"; center of horizontal bar of the final letter "H" in Greenburgh (Board of Estimate & Apportionment b.m. 1181)	198.936
Yonkers, at junction of Central Park Avenue and Rutland Road, on top of stone wall; pointed stone (County b.m. No. 16)	197.34
Yonkers, on E. side of one-story stone head-house of Croton aqueduct near NW. corner of McLean Avenue and Jerome Avenue; about 60 ft N. of McLean Avenue and about 115 ft W. of Jerome Avenue; in top of SE. corner of blue stone doorsill; chiseled square (Board of Estimate & Apportionment b.m. 1161)	209.215
Van Cortlandt Park, NE. corner of; about 600 ft S. of New York City-Westchester County line; 375 ft W. of center of Jerome Avenue; on S. side of small draw; at highest point of granite ledge about 4 ft above surrounding ground; standard tablet stamped "TT 1 K 1932" (Reported destroyed, 1957)	224.056
Van Cortlandt Park, about opposite W. 246th Street and 675 ft E. of Broadway; about 16 ft N. of one-story (and attic) stone annex of Cortlandt House; in top of NW. corner of lowest granite step at base of bronze monument of Major General Porter, 1 ft from extreme NW. corner of step and 6-in. above ground; 3/4 in. copper bolt (Board of Estimate & Apportionment b.m. 1113)	35.672

ISOLATED BENCH MARKS (Cont'd.)Feet

Geddy (Geddes) Square, New York City, near SW. corner of Van Cortlandt Park; in NE. angle of intersection of Broadway and Spuyten Duyvil Parkway; 192 ft NE. of terminus of 7th Avenue subway (Interboro Rapid Transit 242nd Street Station); 64 ft SE. of centerline of Broadway; in lower step S. end of main entrance to one-story brick building used as public waiting room and comfort station; standard tablet stamped "TT 9 K 1932" (Reported destroyed, 1954)	30.714
Broadway and Kinsbridge Avenue, at Sw. corner of intersection; in top of marble city monument 0.5 in. above sidewalk; 1/2 in. copper bolt (Board of Estimate & Apportionment b.m. 1108)	17.609
Kings Point Village, 275 ft SW. of intersection of Kings Point Road and Stepping Stone Lane; on NW. side of Kings Point Road; 50 ft N. of pole marked "NYT 23", in ditch; in concrete post; U.S.C.E. copper disk stamped "26 G 3 1932"	26.426
By Edmund Garthe, 1934; Book B5099	
Harrington Park, 400 ft W. of concrete bridge over Hackensack River; 2.5 ft from W. end of masonry wall at water's edge; 62 ft N. and 48 ft E. of actual intersection of Harriot Avenue with Road S.; standard tablet stamped "G 9 1934"	24.427
Haworth, W.S.R.R. station, 45.5 ft S. of and 88 ft W. of centerline intersection of tracks and Haworth Avenue; in NE. corner of concrete base of War Memorial trench mortar, 8-in. from N.-and E. edges; standard tablet stamped "G 10 1934"	75.458
Borgenfield, at Harding School; at N. entrance; facing and about 100 ft from centerline of South Washington Avenue; about 125 ft from centerline of West Clinton Avenue; 0.75 ft from S. edge and about 1 ft from E. face of building; in sill; standard tablet stamped "G 16 1934"	81.734