

THIRD-ORDER LEVELING  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

34-077-34  
ROCKY POINT QUADRANGLE  
12 NORTH CAROLINA  
N3415-W7745/15  
DIAGRAM NI 18-4  
BEAUFORT

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

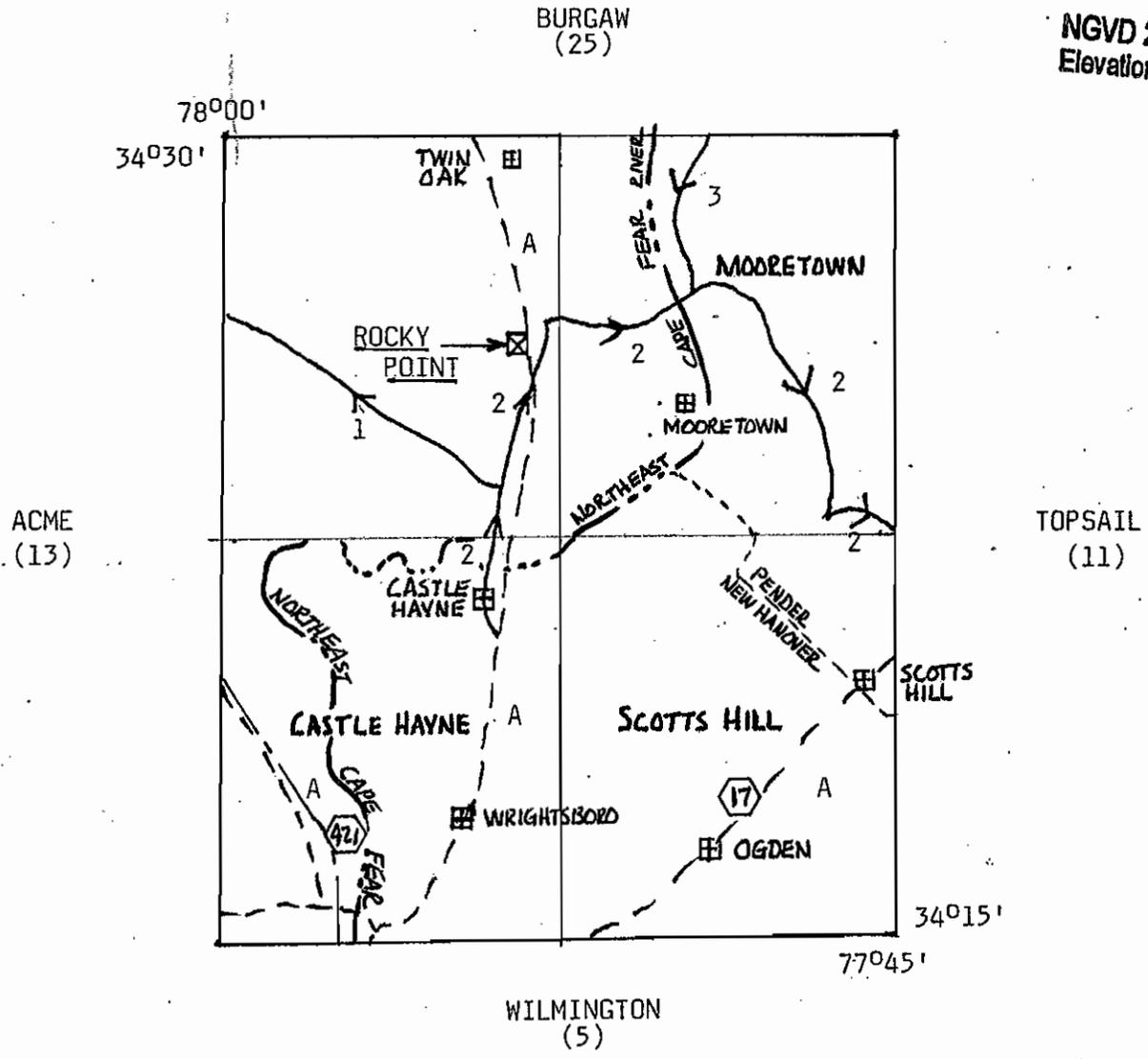
New Hanover and Pender Counties

Adjustment of 1981

Edition of 12/1/81

PR: LB/ymk

NGVD 29  
Elevations



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 340773

## INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>	<u>MARK (USGS)</u>	<u>PAGE NO.</u>
160 HLZ 1969	3,3	176 HLZ 1969	4
161 HLZ 1969	3	177 HLZ 1969	4
162 HLZ 1969	3	185 HLZ 1969	5
163 HLZ 1969	3		
164 HLZ 1969	3	<u>U.S. SOIL CONSERVATION</u>	
165 HLZ 1969	3	NOT STAMPED (20.433)	5
166 HLZ 1969	3	NOT STAMPED (24.595)	4
170 HLZ 1969	4	NOT STAMPED (37.331)	5
171 HLZ 1969	4		
172 HLZ 1969	4	<u>NGS</u>	
173 HLZ 1969	4,5		
174 HLZ 1969	4	BLOODWORTH RM NO 1 1932	4
175 HLZ 1969	4	G 82 1935	3

NGVD 29  
Elevations

LINE 1.

By H. L. Zohn, 1969; Book AV 1544

"G 82 1935" (NGS) (Reported destroyed, 1970) ELEV 17.595 feet

Castle Hayne, 1.7 mi N. of hwy. bridge over northeast Cape Fear River, along U.S. Highway 117; on east side of restaurant (Paul's Place); in south end of gas pump base; standard tablet stamped "160 HLZ 1969"

26.409 feet 8,0494

Castle Hayne, 1.7 mi N. of hwy. bridge over northeast Cape Fear River, along U.S. Highway 117, thence 1.3 mi NW. along State Highway 133; at 57-ft concrete bridge over Turkey Creek; in southeast end of southwest guardrail base; standard tablet stamped "161 HLZ 1969"

8.852 feet 2,6980

Castle Hayne, 1.7 mi N. of hwy. bridge over northeast Cape Fear River, along U.S. Highway 117, thence 2.5 mi NW. along State Highway 133; 1.5 ft W. of witness sign; 105 ft E. of, and about level with jct. of hwy. 133 and County rd. 1426; in concrete post projecting 0.1 ft; standard tablet stamped "162 HLZ 1969"

29.317 feet 8,9358

Castle Hayne, 1.7 mi N. of hwy. bridge over northeast Cape Fear River, along U.S. Highway 117, thence 3.6 mi NW. along State Highway 133; at 14-ft concrete culvert over small stream; 16 ft NE. of, and about 1.0 ft lower than centerline of hwy. opposite; in northwest end of culvert; standard tablet stamped "163 HLZ 1969"

16.890 feet 5,14808

Castle Hayne, 1.7 mi N. of hwy. bridge over northeast Cape Fear River, along U.S. Highway 117, thence 4.7 mi NW. along State Highway 133, thence 0.2 mi W. along State Highway 210; at St. Paul A. M. E. Church; in southwest end of third step at northwest entrance to church; standard tablet stamped "164 HLZ 1969"

52.590 feet 16,07946

Currie, 8.0 mi S. and SE. of Post Office, along State Highway 210; at Tileys Creek Baptist Church; in northeast end of fourth step at east entrance to church; standard tablet stamped "165 HLZ 1969"

52.505 feet 16,00355

Currie, 7.0 mi S. and SE. of Post Office, along State Highway 210; at 40-ft concrete culvert for Rileys Creek; 24 ft NNE. of, and about level with centerline of hwy. opposite; in west end of culvert; standard tablet stamped "166 HLZ 1969"

14.989 feet 4,56865

LINE 2.

By H. L. Zohn, 1969; Book AV 1544

"160 HLZ 1969" (Described in line 1) 26.409 feet

LINE 2 (Cont'd)

Rocky Point, 1.5 mi S. of jct. of U.S. Highway 117 and State Highway 210, along Highway 117; at 264-ft concrete bridge over RR.; in northeast end of southeast guardrail base; standard tablet stamped "170 HLZ 1969"

ELEV 59.260 feet 18.06248

Rocky Point, at Traveler's Gas Station; at north side of station; in top of walk; standard tablet stamped "171 HLZ 1969"

37.834 feet 11.5318

Rocky Point, 1.2 mi E. of jct. of State Highway 210 and U.S. Highway 117, along Highway 210; 0.5 ft NE. of witness sign; 80 ft SSW. of, and about 1.0 ft higher than jct. of Highway 210 and County rd. 1599; in concrete post projecting 0.2 ft; standard tablet stamped "172 HLZ 1969"

23.381 feet 7.1265

Rocky Point, 2.8 mi E. of jct. of State Highway 210 and U.S. Highway 117, along State Highway 210 at 570-ft concrete bridge over northeast Cape Fear River; in east end of south guardrail base; standard tablet stamped "173 HLZ 1969"

25.614 feet 7.80716

Rocky Point, 4.5 mi E. of jct. of U.S. Highway 117 and State Highway 210, along Highway 210; at bend in hwy.; 50 ft N. of, and 3.0 ft higher than centerline of hwy. opposite; 19 ft S. of centerline of dirt rd. east; in concrete post projecting 2.0 ft; NGS standard reference mark disk stamped "BLOODWORTH RM NO 1 1932"

20.034 feet 6.10637

Rocky Point, 5.7 mi E. and southeast of jct. of U. S. Highway 117 and State Highway 210, along Highway 210; 31 ft NE. of, and about level with jct. of Highway 210 and dirt rd. east; 1.5 ft W. of witness sign; in concrete post projecting 0.7 ft; U. S. Soil Conservation Service standard disk not stamped

24.595 feet 7.49657

Rocky Point, 7.1 mi E. and southeast of jct. of U. S. Highway 117 and State Highway 210, along Highway 210; 1 ft NE. of witness sign; 41 ft W. of, and about level with jct. of Highway 210 and dirt T-rd. southwest; in concrete post projecting 0.2 ft; standard tablet stamped "174 HLZ 1969"

21.036 feet 6.41178

Rocky Point, 8.6 mi E. and southeast of jct. of U. S. Highway 117 and State Highway 210, along Highway 210; at 72-ft concrete bridge over small stream; in north end of west guardrail base; standard tablet stamped "175 HLZ 1969"

10.077 feet 3.07147

Hampstead, 3.7 mi W. of jct. of U. S. Highway 17 and State Highway 210, along Highway 210, thence 0.1 mi W. along County rd. 1002; at 16-ft concrete culvert over small stream; 21 ft NW. of, and 1.0 ft lower than centerline of hwy. opposite; in northeast end of culvert; standard tablet stamped "176 HLZ 1969"

26.048 feet 7.93944

Hampstead, 2.9 mi W. of U. S. Highway 17 and State Highway 210, along Highway 210; at 25-ft concrete culvert over small stream; 18 ft SSW. of, and about level with centerline of hwy. opposite; in southeast end of culvert; standard tablet stamped "177 HLZ 1969"

23.751 feet 7.2393

LINE 3.

By H. L. Zohn, 1969; Book AV 1544

✓ Rocky Point, 3.4 mi E. of jct. of State Highway 210 and U. S. Highway 117, along Highway 210, thence 3.1 mi N. along County rd. 1520; 5 ft S. of witness sign; 42 ft E. of, and 2.0 ft higher than jct. of County rd. 1520 and dirt T-rd. southeast; in concrete post projecting 1.5 ft; USSCS standard disk not stamped

ELEV 20.433 feet 6,227.99

✓ Rocky Point, 3.4 mi E. of jct. of U. S. Highway 117 and State Highway 210, along Highway 210, thence 1.8 mi N. along County Rd. 1520; on right-of-way of H-frame powerline; 2 ft E. of witness sign; 35 ft W. of, and about 1.0 ft higher than center-line of rd. opposite; in concrete post projecting 1.0 ft; USSCS standard disk not stamped

37.331 feet 11,378.5

✓ Rocky Point, 3.4 mi E. of jct. of U. S. Highway 117 and State Highway 210, along Highway 210, thence 1.0 mi N. along County rd. 1520; 3 ft E. of witness sign; 89 ft NW. of, and 1.0 ft higher than jct. of County rd. 1520 and dirt rd. northwest; in concrete post projecting 0.2 ft; standard tablet stamped "185 HLZ 1969"

20.794 feet 6,338.02

"173 HLZ 1969" (Described in line 2)

25.614 feet

NGVD 29  
Elevations