

25

THIRD-ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1929

34-077-43
BURGAW QUADRANGLE
25 NORTH CAROLINA
N3430-W7745/15
DIAGRAM NI 18-4
BEAUFORT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

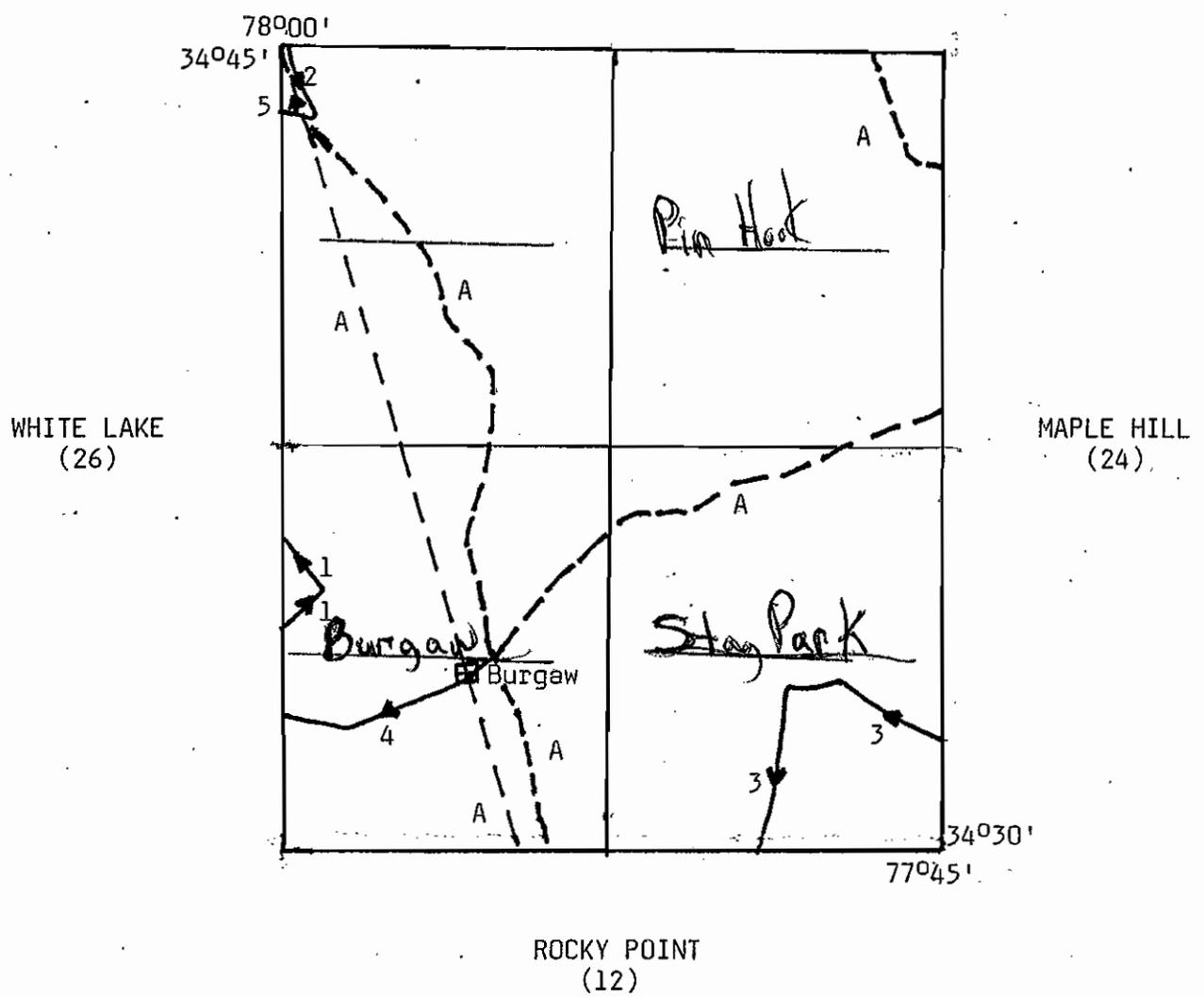
Duplin and Pender Counties

Final adjustment of 1981

Edition of 12/10/81

PR: CRV/lac

KENANSVILLE
(40)



GS (USC&GS) VERTICAL CONTROL DATA

NGVD 29
Elevations

A. Quadrangle 340774

INDEX OF PERMANENT MARKS

MARK (USGS) PAGE NO.

180 JJS 1951 52	3
183 HLZ 1969	3
184 HLZ 1969	3
63 MEA 1980	5

U. S. SOIL CONSERVATION SERVICE

NOT STAMPED (16.297)	3
NOT STAMPED (32.159)	3
NOT STAMPED (39.728)	3

NCGS

WALTON 2 1973	4
BURGAW 1973	4
BOWENS 1973	4
LENNON 1973	4
NICHOLS 1973	4
HERRING 1973	5
MORRIS 1973	5
MURPHY 1973	5

NGVD 29
Elevations

LINE 1.

By J. J. Spahr, 1951; Book AV 274

Ryhne Crossroads, 2.3 mi NE. of; 5.0 mi NW. of Burgaw; 45 ft of northeast corner of church; 46 ft SE. of centerline of east-west rd.; 240 ft SW. of crossroads; in concrete post; standard tablet stamped "180 JJS 1951 52" Elev 51.516 feet

Reference mark; 270 ft NE. of tablet; in south base of power pole; spike nail
52.17 feet

LINE 2.

By J. J. Spahr, 1951; Book AV 274

(There are no permanent marks in this line in this quadrangle.)

LINE 3.

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

Hampstead, 4.2 mi NE. of post office, along U. S. Highway 17, thence 15.5 mi NW., NE. and NW. along Lodge Road; 0.5 ft NE. of witness sign; 94 ft SE. of, and 1.5 ft lower than jct. of Lodge Road and T-rd. south; in concrete post flush with ground; standard tablet stamped "183 HLZ 1969" 32.204 feet *8.8*

Hampstead, 4.2 mi NE. of post office, along U. S. Highway 17, thence 17.5 mi NW., NE. and NW. along Lodge Road; 0.5 ft S. of witness sign; 11.5 ft N. of, and 0.8 ft higher than centerline of rd.; on east edge of clearing; in concrete post projecting 1.0 ft; USSCS standard disk not stamped 32.159 feet *9.8*

Rocky Point, 3.4 mi E. of jct. of U. S. Highway 117 and State Highway 210, along Highway 210, thence 7.2 mi N. along County Road 1520; 50 ft E. of, and 1.0 ft higher than jct. of County Road 1520 and Lodge Road; in concrete post projecting 1.5 ft; USSCS standard disk not stamped 39.728 feet *12.1*

Rocky Point, 3.4 mi E. of jct. of U. S. Highway 117 and State Highway 210, along Highway 210, thence 5.2 mi N. along County Road 1520; 3 ft W. of witness sign; 68 ft E. of, and 1.0 ft higher than jct. of County Road 1520 and dirt rd. southeast; in concrete post projecting 0.2 ft; standard tablet stamped "184 HLZ 1969" 28.235 feet *8.6*

Rocky Point, 3.4 mi E. of jct. of State Highway 210 and U. S. Highway 117, along Highway 210, thence 3.9 mi N. along County Road 1520; 7 ft SW. of witness sign; 40 ft SSE. of, and 1.5 ft higher than jct. of County Road 1520 and dirt T-rd. east; in concrete post projecting 1.0 ft; USSCS standard disk not stamped 16.297 feet *4.9*
5

LINE 4.

By Richard L. Meador, 1980; Book AV 1748

2 1 0.00

NCGS bench mark "WALTON 2 1973"

ELEV 48.015 feet

2 1 0.89

Burgaw, in center of; in southwest quadrant of intersection of NC 53 (Wilmington Street) with Seaboard Coastline RR.; 25.6 ft S. of centerline of NC 53 (Wilmington Street); 30.5 ft WSW. of centerline of west rail of main track; 58.2 ft E. of centerline of Dudley Street; 67.8 ft NNE. of telegraph pole with aluminum reference tag; 5.8 ft WNW. of west corner of concrete base of RR. warning signal; set in top of precast monument flush with ground; standard NCGS brass traverse disk stamped "BURGAW 1973"

50.858 feet

15.50

2 2 1.67

U. E., centerline of T-rd.. northeast; nail and cap

50.976 feet

2 3 3.05

Burgaw, 2.3 mi WSW. of; 2.1 mi W. along NC 53 from intersection with Seaboard Coastline RR.; 0.1 mi E. of intersection with SR. 1343; on projection of centerline of NC 53 from east; 28.8 ft NNW. of centerline of NC 53; 2.5 ft SSE. of power pole #421 with aluminum reference tag; set in top of concrete cylinder flush with ground; standard NCGS brass traverse disk stamped "BOWENS 1973"

50.218 feet

15.3

2 4 3.44

Burgaw, 2.7 mi WSW. of; 2.5 mi W. along NC 53 from intersection with Seaboard Coastline RR.; on left behind telephone service box; 250 ft E. of intersection with SR. 1430, and 200 ft SSW. of frame dwelling; 28.9 ft S. of centerline of NC 53; 3.4 ft SE. of telephone box #52; 4.2 ft SSW. of 6 inch post with aluminum reference tag; 65.8 ft E. of south projection of centerline of culvert under NC 53 for ditch north; set in top of concrete cylinder flush with ground; standard NCGS brass traverse disk stamped "LENNON 1973"

46.935 feet

14.3

2 5 4.02

Burgaw, 3.4 mi WSW. of; 3.05 mi W. along NC 53 from intersection with Seaboard Coastline RR. to "Y" intersection with SR. 1120, thence 150 ft W. on NC 53 to station on left shoulder across highway from brown house; 17.0 ft S. of centerline of NC 53; 137.6 ft NW. of centerline of SR. 1120 at south end of concrete island; 4.3 ft W. of south projection of centerline of east driveway; 94.5 ft WNW. of south end of culvert under NC 53; 59.5 ft WSW. of NC 53 sign post with aluminum reference tag; set in top of concrete cylinder 6 inches below ground; standard NCGS brass traverse disk stamped "NICHOLS 1973"

48.326 feet

14.73

LINE 4 (Cont'd)

2 6 4.76

Burgaw, 4.0 mi W. of; 3.75 mi W. along NC 53 from intersection with Seaboard Coastline RR. to "T" intersection with SR. 1340 and station in northwest quadrant; 25.3 ft NNE. of centerline of NC 53; 168.3 ft WNW. of centerline of SR. 1340; 58.5 ft WSW. of southwest corner of 2 story frame bldg.; 5.8 ft SSW. of power pole #15470 with aluminum reference tag; set in top of concrete cylinder flush with ground; standard NCGS brass traverse disk stamped "HERRING 1973" 50.868 feet

55

2 7 5.06

Burgaw, 4.3 mi W. of; 4.05 mi W. along NC 53 from intersection with Seaboard Coastline RR. on left; 0.3 mi W. of intersection with SR. 1340; on projection of centerline of NC 53 from west; 33.5 ft SSW. of centerline of NC 53; 45.5 ft ESE. of centerline of woods road; 85.6 ft SW. of power pole #15467 with aluminum reference tag; set in top of concrete cylinder flush with ground; standard NCGS brass traverse disk stamped "MORRIS 1973" 39.618 feet

12.05

LINE 5.

By Richard L. Meador, 1980; Book AV 1748

2 42 11.57

Wallace, in town; in northeast quadrant at intersection of U. S. 117 (Norwood Street) and NC 41 (Main Street) in Texaco sign base; 1.7 ft E. of edge of Norwood Street sidewalk; 4.3 ft N. of edge of Main Street sidewalk; 9.4 ft ESE. of power pole with street lamp and reference tag; 11.2 ft NW. of fire hydrant; 8.0 ft ENE. of metal street sign post; set in 3' X 3' concrete base in drill hole flush with ground; standard tablet stamped "63 MEA 1980" 48.075 feet

H. 65

2 43 11.93

NCGS bench mark "MURPHY 1973"

59.272 feet