

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

34-079-12
PEMBROKE QUADRANGLE
NORTH CAROLINA
N3430-W7900/15
DIAGRAM III 17-6
FLORENCE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Robeson County

Final adjustment of 1972

Edition of 4/16/75

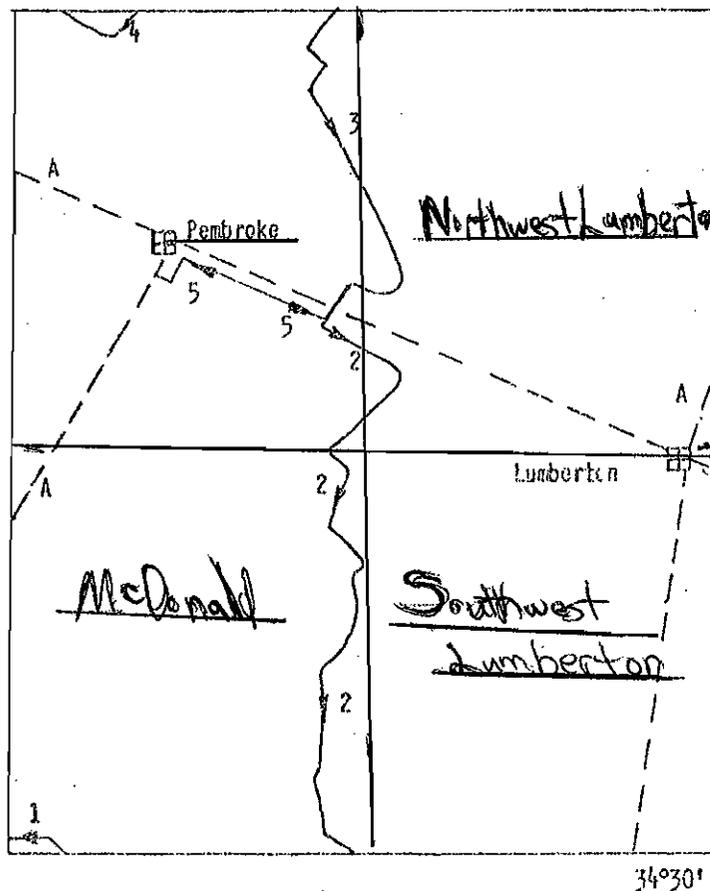
PR: WSM/jyk

NGVD 29
Elevations

RAEFORD
(45)

ROWLAND
(31 N.C.-114 S.C.)

BLADENBORO
(29)



FAIR BLUFF
(17 N.C.-97 S.C.)

NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 340791

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NGVD 29
Elevations

1956

LINE 1.

Feet

By W. D. Leech, 1956; Book AV 520

2	26	15.75	U.E., 60 ft NW. of crossroads; in power pole; spike	145.68
2	29	16.20	Hamer, 3 mi NE. of; 30 ft SE. of T-rd. N.; in concrete post; standard tablet stamped "205 WDL 1956 143"	142.629 NF

LINE 2.

By H. L. Zohn, 1971; Book AV 1614

2	21	0.00	"Z 79 1934 RESET 1968" (NGS) (Elevation by USGS) (Disturbed, 1971)	159.153
2	21	0.74	U.E., in junction of County Roads 1567 and 1572; copper nail and washer,	148.77
2	22	1.23	U.E., T-rd. NE. (PP. 6-37 C)	155.74
2	23	1.53	Pembroke, 5.1 mi SE. of, along State Highway 711 from city water tower; 55 ft NE. of, and 1 ft higher than junction of State Highway 711 and County Road 1567; 0.5 ft S. of witness post; in concrete post projecting 0.2 ft; standard tablet stamped "120 HLZ 1971 156"	156.264
2	24	2.21	U.E., in junction of State Highway 711 and County Road 1550; copper nail and washer	156.86
2	25	2.68	U.E., in junction of County Roads 1550 and 1585; copper nail and washer	151.62
2	26	3.08	Pembroke, 5.9 mi SE. of, along State Highway 711 from city water tower, thence 1.0 mi SW. along County Road 1550; in SW. end of NW. guardrail base of 85 ft concrete bridge over small stream; standard tablet stamped "121 HLZ 1971 140"	139.730
2	27	3.76	U.E., in junction of County Roads 1550 and 1339; copper nail and washer	148.93
2	28	4.20	U.E., in 215 ft bridge over Lumber River; copper nail and washer	139.08
2	29	4.45	Lumberton, 3.2 mi SW. of, along Interstate 95 from junction of State Highway 72, thence 2.0 mi W. along U. S. Highway 74; 62 ft N. of, and level with junction of Highway 74 and County Road 1159; 0.5 ft S. of witness post; in concrete post projecting 0.2 ft; standard tablet stamped "122 HLZ 1971 138"	137.885
2	30	5.13	U.E., in junction of U. S. Highway 74 and County Road 1164; copper nail and washer	135.14
2	31	5.47	U.E., rd. at drain (PP. 6-34 A)	133.90
2	32	5.92	U.E., in centerline of 60 ft bridge over drainage ditch; copper nail and washer	135.13

1971

LINE 2 (Cont'd.)

Feet

2	33	6.30	Lumberton, 4.7 mi SW. of, along Interstate 95 and U. S. Highway 301 from junction of State Highway 72, thence 0.6 mi NW. along County Road 1164; 75 ft NW. of, and 1 ft lower than junction of County Roads 1164, 1162 and 1161; 0.5 ft SE. of witness post; in concrete post projecting 0.2 ft.; standard tablet stamped "123 HLZ 1971 139", painted "BM 139.1"	139.118
2	34	6.93	U.E., centerline of rd. junction, painted "CL 143.9" (PP. 6-33 A)	143.86
2	35	7.37	U.E., centerline at drive W., painted "CL 145.3" (PP. 6-33 C)	145.29
2	36	8.35	Lumberton, 4.7 mi SW. of, along Interstate 95 and U. S. Highway 301 from junction of State Highway 72, thence 1.6 mi S. along County Road 2422; 57 ft S. and 40 ft E. of, and level with junction of County Roads 2239 and 2422; 0.5 ft W. of witness post; in concrete post projecting 0.1 ft.; USED standard disk stamped "66 ENGR CO 1963", painted "BM 141.3"	141.251
2	37	8.75	U.E., in junction of County Roads 2422 and 1003; copper nail and washer, painted "CL 147.6"	147.57
2	38	9.51	U.E., in junction of County Roads 2422 and 2424; copper nail and washer, painted "CL 141.5"	141.48
2	39	10.49	Lumberton, 4.7 mi SW. of, along Interstate 95 and U. S. Highway 301 from junction of State Highway 72, thence 3.8 mi S. along County Roads 2422 and 2424; 78 ft SW. of power pole 4478; at SE. corner of field; 33 ft W. of, and 1 ft higher than centerline of Road 2424; 2.5 ft NE. of witness sign; in concrete post projecting 0.2 ft.; standard tablet stamped "124 HLZ 1971 136", painted "BM 135.8"	135.802
2	40	11.13	U.E., in junction of County Roads 2426 and 2424; copper nail and washer, painted "CL 129.4"	129.43
2	41	11.77	U.E., in centerline of County Road 2428 at centerline of railroad crossing; copper nail and washer, painted "CL 140.4"	140.39
2	42	12.17	Fairmont, 1.0 mi NW. of, along State Highway 130 from junction of State Highway 41, thence 0.4 mi W. along County Road 2435, thence 1.0 mi N. along County Road 2428; 3 ft SW. of underground cable marker; 30 ft N. and 32 ft W. of, and level with junction of Roads 2433 and 2428; 0.5 ft E. of witness post; in concrete post projecting 0.2 ft.; standard tablet stamped "125 HLZ 1971 137", painted "BM 137.3"	137.281
2	43	13.15	U.E., in junction of County Roads 2435 and 2428; copper nail and washer, painted "CL 143.0"	142.96

1971

LINE 2 (Cont'd.)Feet

2 44 13.45 Fairmont; 29.5 ft S. of intersection of State Routes 2433 and 2435; 21.3 ft N. of telephone pole #396 with aluminum reference tag; 60.4 ft W. of power pole with aluminum reference tag; 22.7 ft E. of Stop sign with aluminum reference tag; 18.4 ft SW. of centerline of Route 2435; 27.5 ft SE. of centerline of Route 2433; 91.9 ft WNW. of 2- by 2-ft brick post at NW. corner of service station; in concrete cylinder 0.2 ft below surface of ground; North Carolina Geodetic Survey traverse station stamped "TURNERS 1966"

139.798

LINE 3.

H. L. Zohn, 1971; Book AV 1614

3 17 1.18 U.E., in centerline of 60-ft concrete bridge over small stream; copper nail and washer, painted "CL 159.4"

WL = 153 ft

3 18 1.91 Buie Methodist Church, 185 ft E. of E. entrance; 3 ft W. of fence corner; 34 ft W. of County Road 1509; in concrete post projecting 0.1 ft.; standard tablet stamped "116 HLZ 1971 189", painted "BM 179.9"

179.865

3 19 2.36 U.E., in junction of County Roads 1518 and 1513; copper nail and washer, painted "CL 176.9"

176.91

3 20 2.91 U.E., in centerline of 55-ft concrete bridge over small stream; copper nail and washer, painted "CL 161.2"

WL = 156 ft

3 21 3.79 Buie, 1.6 mi S. of, along County Road 1513 from junction of County Road 1318; at Union Chapel Elementary School; 1.5 ft W. of SW. corner of bldg.; in concrete post projecting 0.3 ft.; standard tablet stamped "117 HLZ 1971 172", painted "BM 172.0"

171.973

3 22 4.30 U.E., in junction of County Roads 1513 and 1516; copper nail and washer, painted "CL 168.8" (PP. 6-40 A)

168.79

3 23 4.98 U.E., in junction of County Roads 1513 and 1518; copper nail and washer, painted "CL 164.2" (PP. 6-40 C)

164.13

3 24 5.49 Buie, 3.3 mi S. and SE. of, along County Road 1513 from junction of County Road 1318; 2.5 ft E. of power pole; 32 ft S. and 136 ft W. of, and about 0.5 ft higher than junction of County Roads 1513 and 1517; 0.5 ft N. of witness post; in concrete post projecting 0.2 ft.; standard tablet stamped "118 HLZ 1971 164", painted "BM 163.8"

163.742

3 25 6.05 U.E., in junction of County Roads 1003 and 1513; copper nail and washer, painted "CL 159.8"

159.82

3 26 6.73 U.E., in centerline of County Road 1513 at drive W.; copper nail and washer, painted "CL 155.4"

155.37

1971

LINE 3 (Cont'd.)feet

3	27	7.26	Buie, 5.2 mi S. and SE. of, along County Road 1513 from junction of County Road 1318; 3 ft E. of power pole; 74 ft NW. of, and level with junction of State Highway 72 and County Road 1513; 0.5 ft SW. of witness post; in concrete post projecting 0.2 ft.; standard tablet stamped "119 HLZ 1971 154", painted "BM 154.0"	153.986
3	28	7.49	U.E., in junction of State Highway 72 and County Road 1573; copper nail and washer, painted "CL 155.6" (PP. 6-38 C)	155.58
3	29	8.17	U.E., in centerline of County Road 1572 at drive crossing; copper nail and washer, painted "CL 160.7"	160.64
3	30	8.66	Pembroke, 3.5 mi ESE. of, from T-intersection of North Carolina 72 and State Route 1572; SW. on dirt rd. (1572); 0.9 mi to crossing and station; go NW. on dirt rd. (1572) 0.4 mi to RR. crossing and station; 16.5 ft E. of centerline of State Route 1572; 4.2 ft N. of N. rail and 23.5 ft NE. of RR. signal with aluminum reference tag on SW. side of tracks; in concrete cylinder flush with surface of ground; HGS standard traverse disk stamped "DOVE 1965"	156.290
3	31	9.19	"Z 79 1934 RESET 1968" (NGS) (Also in line 2) (Elevation by USGS)	159.153

LINE 4.

H. L. Zohn, 1971; Book AV 1614

3	5	14.39	Red Springs, 5.1 mi S. of, along State Highway 710; 93 ft SW. of intersection of gravel rd.; 17 ft W. of white witness post; in concrete post projecting 0.3 ft.; HGS standard triangulation station disk stamped "PHIL 1949"	191.276
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LINE 5.

H. L. Zohn, 1971; Book AV 1614

2	49	0.00	"F 74 1934" (NGS)	172.030
2	49	1.25	Pembroke, 1.3 mi ESE. of; at grade crossing of Seaboard Airline Railroad and State Road 1564; 21 ft SW. of centerline of rd.; 25 ft NE. of SW. signal crossing light with reference tag; 17 ft SE. of State Road 1571; 4 ft E. of NE. rail; in concrete post; North Carolina Geodetic Survey standard disk stamped "BENTON 1965"	165.663
2	50	2.27	U.E., at Moss Neck; in centerline of County Road 1003 at centerline of RR. crossing; copper nail and washer, painted "Cl. 160.7"	160.65
2	51	2.99	"Z 79 1934 RESET 1968" (NGS) (Also in lines 2 and 3)	159.153