

THIRD-ORDER LEVELING
TIONAL GEODETIC VERTICAL DATUM OF 1929

34-078-42
ELIZABETHTOWN QUADRANGLE
28 NORTH CAROLINA
N3430-W7830/15
DIAGRAM NI 17-6
FLORENCE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

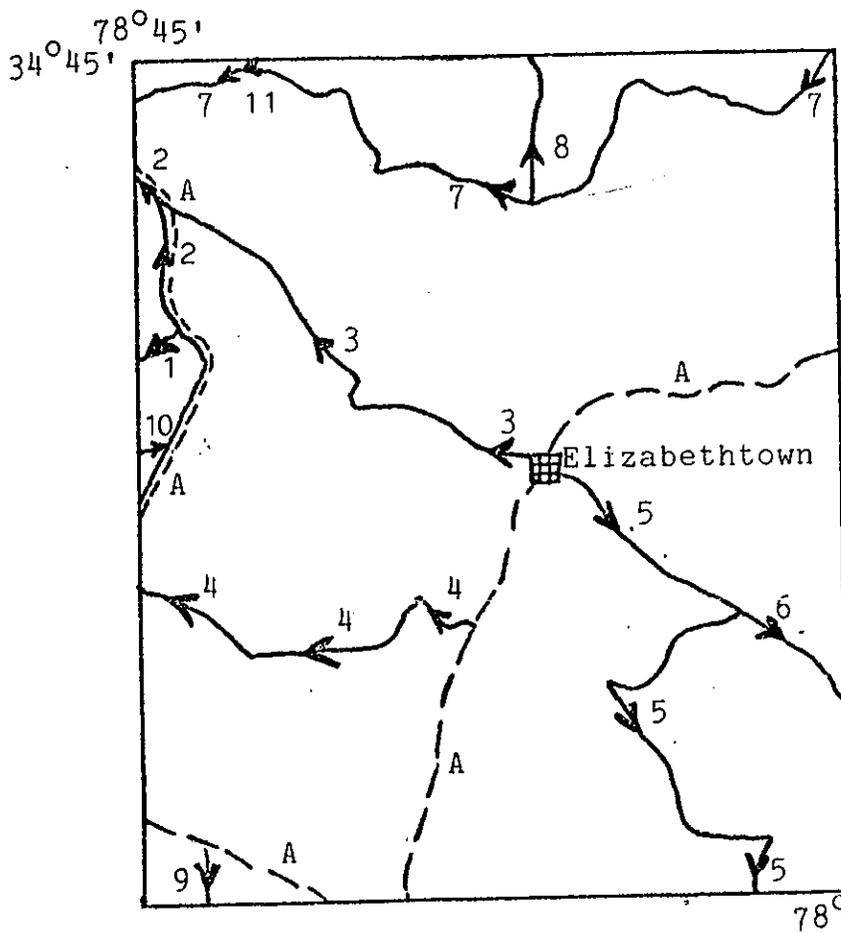
Bladen County, North Carolina

Adjustments of 1951, and 1982

Edition of 8/24/82

PR: MMH/jld

ROSEBORO
(43)



NGVD 29
Elevations

BLADENBORO
(29)

WHITE LAKE
(27)

WHITEVILLE
(15)

US (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 340784

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NGVD 29
 Elevations

LINE 1

FEET

- By R. E. Welty, 1951; Book AV 260 (1982 Adjustment, Book AV 1758a)
- Dublin, 2.0 mi S. of, along State Highway 410; 28 ft S. and 55 ft E. and about level with intersection of State Highway 410 and macadam rd.; 4 ft N. of power pole; in concrete post; standard tablet stamped "14 REW 1951 140" 140.442
- Reference mark, 220 ft W. of "14 REW" ; on north end of 24-in. concrete pipe; chiseled square 135.70
- U.E., Dublin, in west edge of; on south end of ~~Esso~~ gas pump base; chiseled square 130.86
- Dublin, just west of; on property of Mr. T. D. Hersey; 7 ft NE. of point of intersection of tangents of centerline of Route 21; 43 ft SW. of center of highway; 85 ft NW. of telegraph pole on west side of dirt rd. running southwest from Route 21 (this pole acts as corner pole for wires turning curve with highway, and for those going down dirt rd.); 30 ft E. of centerline of highway at point where it curves west; in concrete post; NGS triangulation reference disk stamped "DUBLIN NO 3 1933" 123.210
- ., Dublin, 0.7 mi N. of; on south end of Gulf gas pump base; at junction of State Highway 41 and State Highway 87; chiseled square 153.12

LINE 2.

- By R. E. Welty, 1951; Book AV 260 (1982 Adjustment, Book AV 1758a)
- U.E., Dublin, 0.7 mi N. of; chiseled square (Described in line 1) 153.12
- Dublin, 2.8 mi N. of, along State Highway 87; 95 ft S. and 48 ft W. and about level with center of State Highway 87 and junction of Y-rd. northeast; 10 ft S. of center of private entrance southwest; in concrete post; standard tablet stamped "16 REW 1951 162" 161.815

LINE 3.

- By R. E. Welty, 1951; Book AV 260 (1982 Adjustment, Book AV 1758a)
- "T 81 1935" (NGS) 84.731
- U.E., Elizabethtown, at west corner of curb at Broad and Robeson Streets; chiseled square 133.70

NORTH CAROLINA
ABETHTOWN QUADRANGLE

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LINE 3 (Cont'd.)

FEET

- Elizabethtown, 2.3 mi NW. of, along State Highway 87; about 105 ft SE. of T-rd. southwest; 45 ft SW. of center of State Highway 87; 3 ft SE. of power pole; 39 ft NW. of northwest corner of Cape Fear Wood Corp.; in concrete post; standard tablet stamped "21 REW 1951 129" 128.943
- Reference mark, 30 ft SE. of "21 REW"; on NE. corner of gas pump base; chiseled square 128.56
- Elizabethtown, 4.3 mi NW. of, along State Highway 87; 27 ft N.; 62 ft W. and about level with junction of State Highway 87 and rds. northwest and southwest; 1.0 ft W. of John Owen signpost; in concrete post; standard tablet stamped "22 REW 1951 136" 135.834
- Reference mark, 64 ft NW. of "22 REW"; 45 ft N. of center of State Highway 87; on top of concrete right-of-way post (mark not described) 136.02
- Elizabethtown, 4.3 mi W. of, along State Highways 87 and 41, thence 2.5 mi NW. along sand rd.; 300 ft NW. of Y-junction with rd. northwest 42 ft N. of center of sand rd. NW. and about 2 ft higher; 3 ft of power pole; in concrete post; standard tablet stamped "23 REW 1951 131" (Destroyed, 1951) 130.845
- Reference mark, 710 ft S. of "23 REW"; on north end of 24-in concrete pipe; chiseled square 125.50
- Elizabethtown, 4.3 mi NW. of, along State Highway 87, thence 4.8 mi NW. along sand rd.; 39 ft S.; 45 ft W. and about level with junction of T-rd. south to Dublin; 5 ft S. of 18-in oak tree; 100 ft E. of new white frame house; in concrete post; standard tablet stamped "24 REW 1951 163" 163.381
- Reference mark, 120 ft W. of "24 REW"; on southeast corner of east step to white frame house; chiseled square 163.52
- "16 REW 1951 162" (Described in line 2) 161.815

LINE 4.

- By R. E. Welty, 1951; Book AV 260 (1982 Adjustment; Book AV 1758a)
- "V 156 1935" (NGS) 106.768
- U.E., Elizabethtown, 3.5 mi S. of, along U. S. Highway 701, thence 1.6 mi NW. in center of west headwall of southernmost concrete culvert over drain; chiseled square 97.78

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NORTH CAROLINA
ELIZABETHTOWN QUADRANGLE

LINE 4 (Cont'd.)

FEET

- Elizabethtown, 2.2 mi S. of, along U. S. Highway 701, thence 3.9 mi SW. along State Highway 242; 27 ft N.; 60 ft W. and about level with intersection of State Highway 242 and sand rd.; 3 ft N. of corner fencepost; in concrete post; standard tablet stamped "18 REW 1951 132" (Destroyed, 1955) 132.432
- Reference mark, 27 ft E. of "18 REW"; on southwest corner of concrete gas pump base; chiseled square 132.40
- Elizabethtown, 2.2 mi S. of, along U. S. Highway 701, thence 6.3 mi SW. along State Highway 242; 51 ft N.; 30 ft E. and about 2 ft higher than Y-junction of State Highway 242 with rd. northwest; 3 ft E. of power pole; in concrete post; standard tablet stamped "19 REW 1951 134" 133.938
- Reference mark, 118 ft S. of "19 REW"; on top of E. step of banister of church; chiseled square 135.20
- Elizabethtown, 2.2 mi S. of, along U. S. Highway 701, thence 6.3 mi SW. along State Highway 242, thence 2.1 mi NW. along sand rd.; 6 ft S.; 15 ft E. and about 1.0 ft higher than Y-junction of sand rd. and rd. south; in edge of pine grove; 150 ft S. of power pole; in concrete post; standard tablet stamped "20 REW 1951 136" 136.350

LINE 5.

- By R. E. Welty, 1951; Book AV 260
- "T 81 1935" (NGS) (Also in Line 3) 84.731
- U.E., Elizabethtown, 0.7 mi SE. of; on northwest end of Shell Gas pump base; chiseled square 119.99
- Elizabethtown, 1.2 mi SE. of, along State Highway 87; 20 ft SW. of centerline; in NW. corner of traffic island at intersection of County Road 1704; standard tablet stamped "25 REW 1951 RESET 1962" 97.291
- Reference mark, 50 ft SE. of "25 REW"; on south end of concrete headwall; chiseled square 96.53
- U.E., Elizabethtown, 3.3 mi SE. of; 210 ft NW. of junction of State Highway 87 and T-fence row west; on center of southwest headwall at drain crossing; chiseled square 113.04
- Elizabethtown, 3.7 mi SE. of, along State Highway 87; 57 ft E. and about 2 ft lower than junction of State Highway 87 and private drive southwest; 27 ft NE. of center of highway; 10 ft W. of 24-inch cedar tree; in concrete post; standard tablet stamped "26 REW 1951 104" 104.423

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ELIZABETHTOWN QUADRANGLE

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LINE 5 (Cont'd.)

FEET

- Reference mark, 300 ft W. of "26 REW"; on center of concrete headwall;
chiseled square 103.03
- Elizabethtown, 5.3 mi SE. of, along State Highway 87; 81 ft E. and
about level with Y-junction of rd. west; 32 ft NE. of center of
State Highway 87; 3 ft W. of powerpole; in concrete post; standard
tablet stamped "27 REW 1951 111" 111.443
- Reference mark, 240 ft W. to "27 REW"; on center of W. headwall at
drain crossing; chiseled square 108.55
- Elizabethtown, 5.3 mi SE. of, along State Highway 87, thence 1.4 mi
SW. along macadam rd.; 80 ft S. and about 2 ft higher than
intersection of macadam rd.; 3 ft W. of power pole; in concrete
post; standard tablet stamped "28 REW 1951 78" 78.110
- U.E., Elizabethtown, 5.3 mi SE. of, along State Highway 87, thence
3.0 mi SW. along macadam rd.; on southwest corner of Pure Gas pump
base; chiseled square 94.21
- Elizabethtown, 5.3 mi SE. of, along State Highway 87, thence 3.4 mi
SW. along macadam rd.; 42 ft S.; 81 ft E. and about 2 ft lower
than T-junction of macadam rd. with sand rd. southeast; about
170 ft SE. of power pole; in concrete post; standard tablet
stamped "29 REW 1951 115" 114.761
- Elizabethtown, 5.3 mi SE. of, along State Highway 87, thence 3.4 mi
SW. along macadam rd., thence 1.8 mi SE. along sand rd.; 1.8 mi
W. and 3.6 mi N. of Lisbon; 45 ft N.; 12 ft W. and about 1.0 ft
higher than junction of sand rd. and private entrance northeast;
2 ft. E. of power pole; 57 ft SW. of west corner of frame house;-
in concrete post; standard tablet stamped
"30 REW 1951 121" 121.076
- Lisbon, 1.8 mi W. of, along macadam rd.; 42 ft S.; 30 ft E. and
about level with intersection of sand rd.; 90 ft S. of southwest
corner of frame house; in concrete post; standard tablet stamped
"31 REW 1951 105" 105.369
- U.E., Lisbon; on W. end of concrete Gulf gas pump base; chiseled
square 116.90
- Lisbon, in SW. corner of crossroads; 20 ft S. of center of rd. run-
ning east-west; 30 ft W. of center of rd. running north-south;
60 ft W. of northwest brick column of store of J. B. Priest; 5 ft W.
of 22-in oak tree; in concrete post projecting 0.3 ft above
surface; U.S.C.E. capped iron pipe stamped
"30 NC-1/CE NO 33/TT A 123/1943" 117.183

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LINE 5 (Cont'd.)

FEET

Lisbon, 1.3 mi S. of, along sand rd.; 120 ft S.; 21 ft W. and about
2 ft higher than junction of sand rd. and private drive west; 1.0 ft
E. of power pole; in concrete post; standard tablet stamped
"32 REW 1951 106" 106.291

LINE 6.

By R. E. Welty, 1951; Book AV 260

"27 REW 1951 111" (Described in line 5) 111.443

U.E., Elizabethtown, 6.4 mi SE. of; on center of concrete headwall;
on west side of State Highway 87; at drain crossing; chiseled
square 72.34

Elizabethtown, 7.5 mi SE. of, along State Highway 87; in top of
southwest wingwall of bridge over Hammonds Creek; standard tablet
stamped "34 REW 1951 RESET 1963" 49.927

Reference mark, 330 ft S. of "34 REW"; on west corner of curb guard
on concrete bridge over Hammond Creek; chiseled square 36.48

LINE 7.

By R. E. Welty, 1951; Book AV 260 (1982 Adjustment, Book AV 1758a)

Garland, 4.1 mi S. of, along U. S. Highway 701, thence 6.4 mi W.
along sand rd. to junction of dirt rd. southeast; 18 ft SW. of
center of dirt rd.; 55 ft NW. of telephone pole; 18 ft WNW. of
signpost; in concrete post projecting 0.6 ft above surface; U.S.C.E.
capped iron pipe stamped "30 NC 1/CE NO 57/3 TT A 107/43" 109.563

Garland, 4.1 mi S. of, along U. S. Highway 701, thence 7.9 mi W.
along sand rd. to left curve in rd.; 23 ft N. of center of dirt
rd.; 60 ft WSW. of triangular blazed pine tree; 60 ft NE. of
telephone pole; in concrete post projecting 0.4 ft above surface
U.S.C.E. capped iron pipe stamped "30 NC-1/CE 56/3 TT A 107/43" 97.025
(Not found, 1955)

Garland, 4.1 mi S. of, along U. S. Highway 701, thence 9.3 mi W.
along sand rd. to T-rd. N.; 5.5 mi N. of Elizabethtown, along
State Highway 242, thence 3.7 mi NE. along County Road 1509;
77 ft N. and 70 ft W. of intersection of County Roads 1505 and
1509; 73 ft E. of power pole; in concrete post; standard tablet
stamped "38 REW 1951 RESET 1967" 72.902

NORTH CAROLINA
ELIZABETHTOWN QUADRANGLE

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Elevations

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LINE 7 (Cont'd.)

FEET

Elizabethtown, 5.5 mi N. of, along State Highway 242, thence 1.2 mi NE. along sand rd. to Y-rd. northeast; 87 ft N. and about level with junction; 24 ft W. of center of north-south rd.; 3 ft E. of telephone pole; in concrete post; standard tablet stamped "39 REW 1951 81"	80.907
Elizabethtown, 5.5 mi N. of, along State Highway 242 to T-rd. west; 48 ft N.; 30 ft E. and about 1.0 ft lower than junction; 3 ft W. of telephone pole; in concrete post; standard tablet stamped "40 REW 1951 74"	73.979
Elizabethtown, 5.5 mi N. of, along State Highway 242, thence 1.7 mi W. along sand rd. to field rd. north; 33 ft N.; 18 ft W. and about 1.0 ft lower than junction; 3 ft E. of power pole; in concrete post; standard tablet stamped "41 REW 1951 76"	76.452
Elizabethtown, 5.5 mi N. of, along State Highway 242, thence 3.5 mi W. along sand rd.; 32 ft N.; 15 ft W. and about level with junction of sand rd. and Y-rd. east; 22 ft E. of power pole; in concrete post; standard tablet stamped "42 REW 1951 66"	66.295
Elizabethtown, 5.5 mi N. of, along State Highway 242, thence 3.5 mi W. along sand rd., thence 2.0 mi N. along another sand rd.; 42 ft N. and about 2 ft higher than junction of sand rd. with Y-rd. north; 2 ft E. of power pole; in concrete post; standard tablet stamped "43 REW 1951 73"	73.427
White Oak, 11.0 mi NW. of Elizabethtown, along State Highway 53; 94 ft S.; 63 ft W. and about 1.0 ft lower than junction of State Hwy. 53 and T-rd. west; 3 ft E. of power pole; 30 ft N. of store building; in concrete post; standard tablet stamped "44 REW 1951 58"	58.378
Reference mark, 520 ft N. of "44 REW"; on southeast corner of Esso Gas pump base; chiseled square	61.13

LINE 8.

By R. E. Welty, 1951; Book AV 260 (1982 Adjustment; Book AV 1758a) "40 REW 1951 74" (Described in line 7)	73.979
U.E., Elizabethtown, 6.6 mi N. of, along State Highway 242; on west end of 36-in. concrete pipe; chiseled square	61.31
Elizabethtown, 7.9 mi N. of, along State Highway 242 to Y-rd. east; 78 ft E. and about 1.0 ft higher than junction; 24 ft N. of center of sand rd.; 170 ft NW. of frame church; in concrete post; standard tablet stamped "47 REW 1951 78"	77.753
Reference mark, 200 ft SW. of "47 REW"; on west end of 48-in. concrete pipe; chiseled square	72.87

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ELIZABETHTOWN QUADRANGLE

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LINE 9.

FEET

By J. J. Spahr, 1951; Book AV 256

"N 80 1934" (NGS)

98.865

U.E., Abbotsburg, 1.1 mi S. of; 100 ft SE. of centerline of private
rd. southwest; on east end of concrete pipe culvert; chiseled
square

108.31

LINE 10.

By Richard L. Meador, 1980; Book AV 1750 (1982 Adjustment; Book AV 1758a)

NCGS brass traverse disk stamped "INSTITUTE 1973" (Preliminary
elevation by NGS, 1974)

145.393

LINE 11.

By Richard L. Meador, 1980; Book AV 1750 (1982 Adjustment; Book AV 1758a)

White Oak about 400 ft N. of intersection of NC 53 and SR 1318;
70.3 ft NW of the center line of NC 53; 5.5 ft S. of north end
of base of gasoline pump; 5.5 ft N. of south end of base; 23.8
ft SE. of northeast corner of store; set in drill hole; standard
tablet stamped "115 MEA 1980"

61.590

White Oak, 1.35 mi W. of; along SR 1318 from intersection with
NC 53; 48.3 ft N. of the center line of SR 1318; 54.0 ft SW. of
the centerline of SR 1320; 1.0 ft N. of telephone pole with
reference tag; set in concrete post flush with ground; standard
tablet stamped "114 MEA 1980"

76.455

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