

THIRD-ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1929

120 35-081-31
SHELBY QUADRANGLE
NORTH CAROLINA
N3515-W8130/15
DIAGRAM NI 17-2
CHARLOTTE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

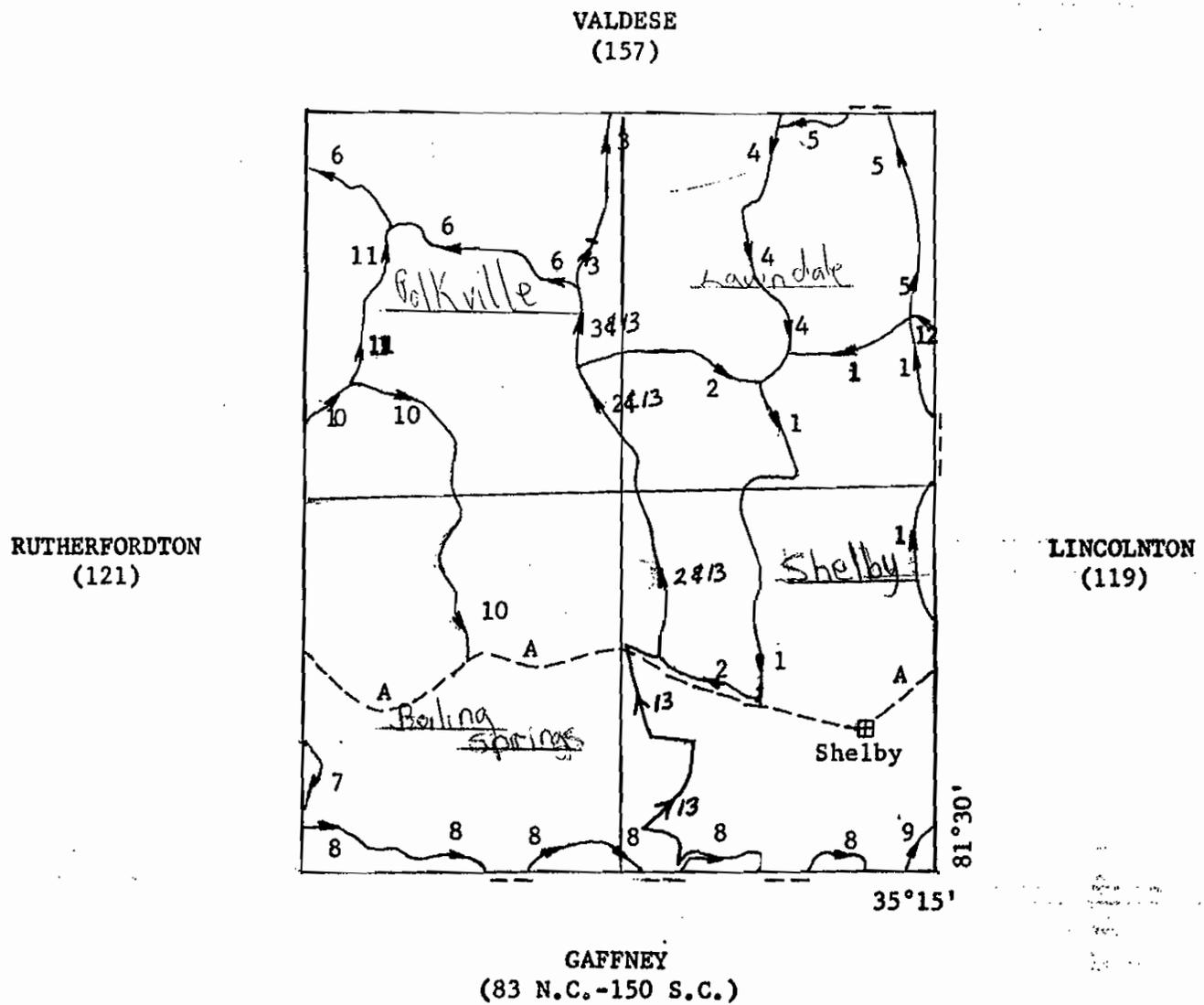
Cleveland and Rutherfordton Counties

Final adjustment of 1975

NGVD 29
Elevations

Edition of 9/9/80

PR: JRS/wjf



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 350813

120 NORTH CAROLINA
SHELBY QUADRANGLE

125
35-081-31
N3515-W8130/15

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NGVD 29
Elevations

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SHELBY QUADRANGLE

120 NORTH CAROLINA

NGVD 29
Elevations

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ISOLATED BENCH MARKS (By L. L. Lee, 1906; Book A6416, also Bulletin 646)

Feet

Zoar Church, 1.3 mi W. of, 50 ft W. of W. end of Weavers Bridge over First Broad River; at edge of rd. to Boiling Springs; in top of rock outcrop; standard tablet stamped "685"

684.061

Boiling Springs, 2.5 mi E. of; 0.4 mi E. of Beaverdam Creek; on Boiling Springs-Shelby Road; junction of T-rd. N.; in NW. angle of forks; on iron post; standard cap stamped "786"

785.329

LINE 1.

By R. L. Beitle, 1949; Book AV 90a

Shelby Post Office, 4.5 mi NE. of, along State Highway 18; 3.4 mi S. along Highway 18 from Beam Mill; 84 ft N. and 32 ft W. of T-rd. E.; 14 ft S. of centerline of driveway to house; 61 ft SE. of SE. corner of house; in concrete post projecting 6 in.; standard tablet stamped "RLB 32 1949 975"

974.507

Reference mark, 135 ft SE. of tablet; 33 ft E. of centerline of hwy. on NW. corner of concrete foundation of gas pumps at Carl McSwain and Sons general store; chiseled "U"

972.90

Beam Mill, 1.4 mi S. of, along State Highway 18; 41 ft N. and 34 ft W. of crossroads; 28 ft N. of centerline of rd. leading W.; 6.7 ft S. of Gulf signpost; in concrete post projecting 6 in.; standard tablet stamped "RLB 33 1949 990"

990.310

Reference mark, 144 ft E. of tablet; 38 ft N. of centerline of dirt rd. leading E.; in root on S. side of 14-in. twin oak tree; copper nail and washer

985.06

Jogs into Lincolnton Quadrangle

U.E., Beam Mill, 0.9 mi N. of; 2.0 mi S. of Fallston; at Walkers grocery store; on NW. corner of concrete gasoline pump base; chiseled "L"

982.77

Fallston, 1.3 mi S. of, along State Highway 18; 1.6 mi N. of Beams Mill, 158 ft W. of T-rd. W.; 22 ft N. of centerline of T-rd.; 65 ft SW. of SW. corner of one-story brick house; in concrete post; standard tablet stamped "RLB 34 1949 995"

995.430

Reference mark, 79 ft NE. of tablet; 46 ft N. of centerline of rd. leading W.; on SE. corner of concrete porch to house; chiseled "U"

995.28

Fallston, 54 ft N. of centerline of State Highway 180 leading W.; 45 ft W. of centerline of State Highway 18; 85 ft NW. of junction; 16 ft N. of center of entrance to Union Trust Co.; 2.4 ft E. of building; in concrete post; standard tablet stamped "RLB 35 1949 1025"

1025.098

LINE 1 (Cont'd.)NGVD 29
ElevationsFeet

Reference mark, 21 ft SW. of tablet; on NW. end of concrete approach to Union Trust Company Building; 5-in. SE. from wall; chiseled "U"	1025.84
Fallston, 2.3 mi W. of; along State Highway 180; 1.5 mi E. of Lawndale; 31 ft S. of junction of T-rd. N.; 19 ft W. of centerline of driveway; in concrete post; standard tablet stamped "RLB 36 1949 957"	956.602
Reference mark, 75 ft E. of tablet; 92 ft E. and 26 ft S. of T-rd. N.; in concrete post; iron rod	959.30
U.E., Lawndale, 0.4 mi E. of post office, along State Highway 18; at T-rd. intersection leading to Casar; 64 ft N. of centerline of fork to Lawndale; 54 ft W. of centerline of fork N.; 13.4 ft S. of SE. corner of theater; iron pipe projecting 1 in.	837.60
Lawndale, 48.2 ft W. of SW. corner of Union Trust Co. Building; 14 ft E. of SW. corner of portion of building housing Cleveland Mill and Power Co. offices; 5 ft N. of centerline of sidewalk leading to offices and bank; 2 ft S. of building in concrete post projecting 2-in.; standard tablet stamped "RLB 37 1949 817"	817.039
Reference mark, 57 ft SW. of tablet; 12 ft S. of centerline of street leading to Cleveland Mill and Power Co.; on E. end of concrete wall; chiseled "L"	819.67
Lawndale, 1.7 mi SE. of; 2.1 mi NW. of Double Shoals; 21 ft E. of centerline of rd.; 8.7 ft S. of SW. corner of Ben Pompey residence; on prolongation of W. side of house; 5 ft N. of power pole; in concrete post projecting 2 in.; standard tablet stamped "RLB 38 1949 876"	875.771
Reference mark, 146 ft NW. of tablet; 29 ft W. of centerline of rd.; 67 ft NE. of NE. corner of white frame house occupied by Curtis Ray; in concrete post; iron rod	878.81
Double Shoals, 0.5 mi SW. of; in SW. angle of crossroads; on curve and in line with rd. W.; 67 ft W. and 56 ft S. of junction of crossroads; 65 ft W. of centerline of rd. leading S.; in concrete post; standard tablet stamped "RLB 39 1949 851"	851.097
Reference mark No. 1, 20 ft E. of tablet; 74 ft SW. of junction of crossroads; in NE. root of 30-in. oak tree; copper nail and washer	851.46
Reference mark No. 2, 75 ft W. of tablet; 30 ft S. of centerline of hwy. on top of hwy. right-of-way post projecting 10-in.; chiseled triangle	850.85

NGVD 29
ElevationsLINE 1 (Cont'd.)Feet

U.E., Double Shoals, 0.9 mi SW. of; 5.2 mi N. of Dover Mills; on SE. wingwall of steel girder bridge over stream; chiseled "L"	753.87
U.E., Dover Mills, 4.3 mi N. of; on N. side of rd. at top of hill; 16 ft W. of centerline of rd.; 22 ft S. of house; on top of concrete retaining wall around yard; chiseled "U"	895.83
Dover Mills, 3.9 mi N. of, along State Highway 26; 90 ft N. of junction of Y-rd. forks; 34 ft E. of centerline of Highway 26; 34 ft NW. of centerline of dirt rd. leading N.; 8 ft NE. of NW. corner of service station; in concrete post; standard tablet stamped "RLB 40 1949 925"	925.462
Reference mark; 88 ft SW. of tablet; 26 ft W. of centerline of State Highway 26; in E. base of 24-in. lone white-oak tree; copper nail and washer	925.03
U.E., Dover Mills, 3.3 mi N. of; SE. angle of crossroads; on S. end of concrete culvert headwall and 30 ft S. of rd. junction at Wellmans Grocery Store; chiseled "L"	909.45
Dover Mills, 2.1 mi N. of, along State Highway 26; 39 ft S. and 43 ft E. of crossroads; 22 ft S. of centerline of rd. leading E. and about 3 ft below rd. grade; in concrete post projecting 6-in.; standard tablet stamped "RLB 41 1949 855"	854.683
Reference mark, 30 ft SW. of tablet; 69 ft S. of junction of crossroads; on N. end of E. concrete headwall over drain; chiseled "L"	853.42
"K 77 1934" (NGS)	750.891

LINE 2.

By R. L. Beitle, 1949; Book AV 90a

"J 77 1935" (NGS)	843.259
Latimore, 5.2 mi E. of, along Seaboard Airline RR.; about 50 ft N. of grade crossing on E. side of hwy.; on S. end of E. concrete culvert headwall of drain under rd.; chiseled "L"	882.69
Dover Mills, 3.1 mi NW. of, along macadam rd.; thence 1.0 mi N. along dirt rd.; 6.4 mi SE. along rds. from Polkville; 25 ft W. of centerline of rd.; 21 ft S. of bridge over Brushy Creek; in concrete post projecting 2 in.; standard tablet stamped "RLB 42 1949 787"	787.373

LINE 2 (Cont'd.)Feet

Reference mark, 80 ft N. of tablet; on SE. backwall of bridge over Brushy Creek; chiseled "L"	787.83
Polkville, 4.1 mi SE. of, along rd. S.; 2.3 mi N. of bridge over Brushy Creek; 22 ft W. of centerline of rd.; 14 ft N. of centerline of private lane leading W.; opposite large white house; 10 ft W. of 24-in. red-oak tree; in concrete post projecting 2 in.; standard tablet stamped "RLB 43 1949 987"	986.844
Reference mark, 51 ft NE. of tablet; 14 ft E. of centerline of rd.; in NW. root of 24-in. red-oak tree; copper nail and washer	988.61
Polkville, 3.3 mi SE. of, along rds.; in SE. angle of junction of rd. fork; on center of E. concrete headwall of culvert over drain; chiseled "U"	993.44
Polkville, 2.3 mi SE. of, along State Highway 26; in SE. angle of crossroads; 49 ft E. of centerline of hwy.; 32 ft S. of centerline of dirt rd. E.; about 210 ft SW. of SW. corner of Union Baptist Church; in concrete post; standard tablet stamped "RLB 44 1949 1013"	1012.694
Reference mark, 90 ft SW. of tablet; 15 ft E. of centerline of hwy.; on N. end of concrete culvert headwall; chiseled "L"	1007.74
Polkville, 1.5 mi SE. of, along State Highway 26; on W. side of rd. at private lane E.; on top of concrete culvert headwall; chiseled "L"	1028.06
Polkville, 1.1 mi SE. of, along State Highway 26; SW. side of rd. at junction of rd. SW.; at McEntire's Grocery Store; on S. corner of L-shaped concrete culvert; chiseled "L"	1054.57
Polkville, opposite high school, 180 ft S. and 25 ft E. of junction of State Highways 26 and 180; in yard of R. A. Johnson; 5 ft E. of hedge; 51.3 ft W. of NW. corner of house; 73 ft N. of SW. corner of yard; E. of N. side of main entrance of school; in concrete post flush with ground; standard tablet stamped "RLB 45 1949 1079"	1078.686
Reference mark, 192 ft NW. of tablet; 28 ft W. of junction of State Highways 26 and 180; on S. end of concrete culvert headwall; chiseled "L"	1079.70
Polkville, 0.6 mi E. of, along State Highway 180; on S. side of rd. opposite small brick house; in center of concrete culvert headwall; chiseled "U"	1035.39
Polkville, 1.0 mi E. of, along State Highway 180; 3.8 mi W. of Lawndale; on N. side of rd. at E. edge of L-shaped concrete culvert; chiseled "L"	1018.29

LINE 2 (Cont'd.)Feet

Lawndale, 2.2 mi W. of, along State Highway 180; 36 ft S. and 36 ft W. of junction of offset crossroads and Highway 180; 8.5 ft NW. of power pole; on 6 ft bank; in concrete post; standard tablet stamped "RLB 46 1949 1014" 1014.008

Reference mark, 350 ft NW. of tablet; 31 ft N. of centerline of State Highway 180; 40 ft NW. of T-rd. N., 24 ft SW. of centerline of lane NW.; in concrete post; iron rod 1020.56

Lawndale, 0.6 mi W. of, along State Highway 180; about 40 ft N. of centerline of hwy.; on SW. end of concrete headwall of bridge over stream (on old rd. grade); chiseled "L" 844.31

Reference mark to "RLB 37 1949 817"; chiseled "L" 819.67

LINE 3.NGVD 29
Elevations

By R. L. Beitle, 1949; Book AV 90a

"RLB 45 1949 1079" (Described in line 2) 1078.686

Polkville, on N. end of second concrete step of entrance to Polkville Methodist Church; chiseled "L" 1079.95

Polkville High School, 1.7 mi N. of, along State Highway 10; on E. side of rd. on S. end of L-shaped concrete culvert headwall; chiseled "L" 960.41

Polkville, 2.2 mi N. of along State Route 10 from crossroads; 16 ft E. of centerline of S. end of bridge; set in SE. wingwall of bridge over 1st Broad River; standard tablet stamped "47 RLB 1949 RESET 1980" (Book AV 1739a) 869.283

Reference mark, 710 ft N. of tablet; on SW. abutment of concrete bridge over First Broad River; chiseled "U" 869.24

Polkville High School, 2.8 mi N. of, along State Highway 10; on W. side of rd.; on S. end of concrete box culvert over stream; chiseled "L" 886.58

Polkville High School, 3.8 mi N. of, along State Highway 10; 3.5 mi S. of Casar; at top of hill; 161 ft N. and 40 ft E. of NW. fork of offset crossroads; 24 ft S. of centerline of drainage ditch E.; in concrete post; standard tablet stamped "RLB 48 1949 1026" 1025.650

Reference mark, 160 ft SW. of tablet; 22 ft N. and 31 ft W. of junction of rd. forks NW.; on S. corner of concrete culvert headwall; chiseled "L" 1025.29

SHELBY QUADRANGLE

120 NORTH CAROLINA

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NGVD 29
ElevationsLINE 3 (Cont'd.)Feet

- Casar, 2.7 mi S. of, along State Highway 10; on E. side of rd. on outside of curve at S. end of cut; on S. end of concrete culvert headwall; chiseled "L" 1049.15
- Casar, 1.9 mi S. of, along State Highway 10; 5.4 mi N. of Polkville High School; 118 ft S. and 31 ft E. of junction of T-rd. W.; 57 ft SE. of junction of driveway to brick house; 115 ft W. of NW. corner of house; on 3 ft bank; in concrete post; standard tablet stamped "RLB 49 1949 1084" 1084.074
- Reference mark, 150 ft NW. of tablet; 48 ft NW. of T-rd. W.; 24 ft N. of centerline of T-rd. W.; in E. base of 12-in. pine tree; rail spike 1078.45

LINE 4.

By R. L. Beitle, 1949; Book AV 90a

- Casar, 0.5 mi N. of, along State Highway 10, thence 4.2 mi SE. along dirt rd.; 0.7 mi N. of Pleasant Hill Church; 90 ft NW. of centerline of junction of T-rd. SW. on SE. corner of concrete base of gasoline pump; chiseled "L" 1050.48
- Lawndale, 4.2 mi N. of, along rd. to Casar, thence 2.4 mi NE. along dirt rd. at Pleasant Hill Church; 122 ft E. of centerline of rd.; 6.4 ft W. of NW. corner of church; in concrete post projecting 1 in.; standard tablet stamped "RLB 53 1949 1006" 1006.137
- Reference mark, 150 ft NW. of tablet; 21 ft NE. of centerline of rd.; on SE. corner of concrete foundation for well; chiseled "L" 1006.76
- U.E., Lawndale, 5.7 mi N. of; on NW. end of NW. wingwall of bridge over stream; chiseled "L" 850.30
- Lawndale, 4.2 mi N. of; 115 ft N. and 35 ft E. of T-rd. E.; 37 ft E. of centerline of rd. under powerline; in concrete post; standard tablet stamped "RLB 54 1949 1035" 1035.150
- Reference mark, 45 ft SE. of tablet; 68 ft N. and 51 ft E. of junction of T-rd. E.; on top and on SW. corner of concrete foundation block at site of old building; chiseled "L" 1034.93
- Lawndale, 2.3 mi N. of, along ^{52.1004} rd. to Casar; 76 ft S. and 39 ft E. of ⁵²⁻¹⁵⁴³ T-rd. W.; on top of 4 ft bank; 58 ft SE. of N. end of cut; ^{MAUNEY Rd} in concrete post; standard tablet stamped "RLB 55 1949 888" 887.974
- Reference mark, 75 ft NW. of tablet; 30 ft S. and 34 ft W. of T-rd. W.; 8 ft W. of W. edge of driveway; on top of concrete post projecting 6 in.; chiseled square 886.96

SHELBY QUADRANGLE
Book AV 90 a

120 NORTH CAROLINA

R. L. Beitle 35-081-31
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1949

LINE 5.

Feet

By R. L. Beitle, 1949; Book AV 90 a

"RLB 35 1949 1025" (Described in line 1) 1025.098

U.E., Fallston, 0.7 mi N. of, along State Highway 18, about 80 ft
E. of centerline of rd.; on SW. corner of concrete platform of
well; chiseled "L" 1002.63

U.E., Fallston, 1.0 mi N. of, along State Highway 18; in SW. angle
of T-rd. W.; on S. end of concrete pipe culvert; chiseled "U" 1013.50

Fallston, 1.7 mi N. of, along State Highway 18; 39 ft W. and 30 ft
N. of junction of T-rd. W.; 21 ft SW. of centerline of driveway;
27 ft W. of steel and concrete catch basin; in concrete post
projecting 1 in.; standard tablet stamped "RLB 56 1949 996" 995.818

Reference mark, 51 ft SE. of tablet; 37 ft W. and 23 ft S. of T-rd.
W.; top of concrete post projecting 2 in.; iron rod 997.06

U.E., Fallston, 2.9 mi N. of, along State Highway 18; in SE. angle
of crossroads; on S. end of L-shaped concrete headwall; chiseled
"L" 993.29

Fallston, 3.6 mi N. of, along State Highway 18; 2.1 mi S. of St.
Peters M.E. Church; 98 ft NW. of S. tip of large triangle formed
by rd. W. to Belwood; 33 ft W. of centerline of Highway 18; 188
ft S. of N. tip of triangle; 186 ft E. of W. tip of triangle;
58 ft S. of power pole; in concrete post projecting 6 in.;
standard tablet stamped "RLB 57 1949 1005" (Reported destroyed,
1973) 1004.620

Reference mark, 295 ft N. of tablet; 30 ft W. of centerline of
State Highway 18 at edge of concrete wall; on top of hwy.
boundary post; chiseled "U" 1008.52

U.E., Fallston, 5.0 mi N. of, along State Highway 18; in SW. angle
of junction of Y-rd. fork; on SE. end of concrete culvert;
chiseled "U" 1063.76

Jogs into Valdese quadrangle

Fallston, 3.6 mi N. of, along State Highway 18, thence 1.9 mi NW.
along black topped rd.; in SE. wingwall of concrete bridge over
Knob Creek; standard tablet stamped "RLB 59 1949 894" 893.950

NGVD 29
ElevationsLINE 5 (Cont'd.)Feet

- Reference mark, 62 ft SW. of tablet; 30 ft W. of centerline of rd.; 59 ft SW. of SW. end of bridge over Knob Creek; on top of hwy. boundary post; chiseled "U" 894.22
- U.E., Fallston, 3.6 mi N. of, along State Highway 18, thence 2.7 mi NW. along black top rd.; on N. side of rd.; at top of hill; at S. end of long flat boulder; chiseled "U" 993.79
- U.E., Casar, 0.5 mi N. of, along State Highway 10, thence 4.2 mi SE. along dirt rd.; 0.7 mi N. of Pleasant Hill Church; 90 ft NW. of centerline of junction of T-rd. SW.; on SE. corner of concrete base of gasoline pump; chiseled "L" (also in line 4) 1050.48

LINE 6.

By R. L. Beitle, 1949; Book AV 90 a

- "RLB 47 1949 RESET 1980" (Described in Line 3) 883.709
- Polkville, 2.5 mi NW. of, along State Highway 26; at rd. forks known as five points; 68 ft NE. and 35 ft SE. of NE. corner of small store; 64 ft NE. of centerline of Highway 26 leading SE.; in concrete post flush with ground; standard tablet stamped "RLB 60 1949 1043" 1043.336
- Reference mark, 75 ft NW. of tablet; 29 ft S. of NE. corner of store; in NE. corner of concrete well platform; chiseled "L" 1038.63
- * Polkville, 2.5 mi NW. of, along State Highway 26, thence 1.8 mi W.; 61 ft W. of junction of crossroads; ~~49 ft E. of NE. corner of frame house; 24 ft SW. of centerline of rd. leading NW.; 27 ft NW. of centerline of rd. leading SW.;~~ in concrete post; standard tablet stamped "RLB 61 1949 ~~1108~~ RESET 1981" 1106.495
~~1108.210~~
- Reference mark, 140 ft NE. of tablet; 18 ft N. of centerline of rd. leading NE.; 59 ft SW. of SW. corner of house; 13 ft SE. of centerline of driveway; in concrete post; iron rod 1106.60
- U.E., Polkville, 2.5 mi NW. of, along State Highway 26, thence 2.5 mi NW.; on SE. wingwall of bridge over stream; chiseled circle 950.79
- Polkville, 2.5 mi NW. of, along State Highway 26, thence 5.8 mi NW. along dirt rd.; 2.0 mi W. along dirt rd. from Golden Valley School; 43 ft S. of junction of T-rd. N.; 21 ft E. and 34 ft S. of T-rd. N.; 17 ft SW. of driveway; 28 ft E. of NE. corner of house; in concrete post; standard tablet stamped "RLB 63 1949 1087" 1087.185
- * IN SE QUADRANT OF SR 1378 & SR 1376
175' SSW OF CROSSROADS
26' ESE OF & SR 1376
5.4' N. OF A PP W/ TAG
1' WNW OF WITNESS POST & SIGN

NGVD 29
ElevationsLINE 6 (Cont'd.)Feet

Reference mark, 37 ft W. of tablet; on E. end of first concrete step to house; chiseled "L"

1089.01

Polkville, 2.5 mi NW. of, along State Highway 26, thence 3.6 mi W.; 2.5 mi N. of Hollis; 45 ft E. of Y-rd. forks; 27 ft NE. of centerline of rd. leading E.; 35 ft NW. of NW. corner of box bridge; in concrete post projecting 6-in.; standard tablet stamped "RLB 62 1949 974"

974.117

Reference mark, 87 ft SE. of tablet; 39 ft S. of centerline of rd.; 38.1 ft SE. of SE. corner of box bridge; in concrete post; iron rod

976.94

LINE 7.

By W. S. Monk, 1949; Book AV 88a

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

LINE 8.

By W. S. Monk, 1949; Book AV 88a

Trinity Church, 0.6 mi W. of, along Trinity Church-Rade Path Church Road; 400 ft W. of creek; near crest of hill; 45 ft S. of rd.; 5 ft N. of 9-in. oak tree; on bank; 4 ft above rd.; in concrete post projecting 6 in.; standard tablet stamped "74 WSM 1949 818"

818.354

Reference mark, 5 ft S. of tablet; in root on W. side of 9-in. oak tree; copper nail and washer

818.23

Boiling Springs, 1.7 mi W. of; 2.0 ft W. of Sandy Run Creek; 50 ft N. and 10 ft W. of junction of hwy. and rd. to sand pit; in concrete post projecting 4 in.; standard tablet stamped "75 WSM 1949 721" (Reported not found, 1971), ^{PROBABLY DESTROYED} 1976 720.442

Reference mark, 75 ft E. of tablet; on NW. concrete abutment of wooden bridge over creek; chiseled square

720.08

U.E., Boiling Springs, 1.1 mi W. of, along Boiling Springs-Cliffside Road; 30 ft N. and 480 ft W. of junction of hwy. and rd. N.; 30 ft N. and 15 ft E. of junction of hwy. and drive NW.; on concrete right-of-way marker projecting 4 in. above rd.; chiseled square

819.50

LINE 8 (Cont'd.)Feet

Boiling Springs, 400 ft N. and 200 ft W. of crossroads; in SE. concrete foundation at water tank; standard tablet stamped "76 WSM 1949 878" NOT FOUND, PROBABLY DESTROYED 1974 877.741

Reference mark, 25 ft S. and 20 ft E. of crossroads; on concrete curb; chiseled square 871.70

/Jogs into Gaffney quadrangle/

Boiling Springs, 2.1 mi E. of, along Boiling Springs-Shelby Road; 140 ft N. and 30 ft E. of junction of hwy. and rd. N.; 140 ft N. of NW. corner of building; 4 ft S. of power pole; in concrete post projecting 6 in.; standard tablet stamped "77 WSM 1949 716" (Reported not found, 1971) 716.121

Reference mark, 170 ft E. of tablet at NW. end of wooden bridge over Beaverdam Creek, in guard rail; copper nail and washer 705.98

U.E., Boiling Springs, 2.5 mi E. of, along Boiling Springs-Shelby Road; 70 ft N. and 45 ft E. of junction of hwy. and rd. N.; on W. end of concrete foundation for gasoline pump; chiseled square 769.06

Boiling Springs, 4.2 mi E. of, along Boiling Springs-Shelby Road; 0.4 mi E. of crossroads; 40 ft N. of hwy.; 110 ft NE. of NE. corner of store; in center of rock outcrop; 1 ft above rd.; standard tablet stamped "78 WSM 1949 825" 824.814

Reference mark, 160 ft W. of tablet; on E. end of concrete head-wall of culvert; chiseled square 824.37

U.E., Boiling Springs, 4.9 mi E. of, along Boiling Springs-Shelby Road; 1.4 mi W. of Zoar Church; 10 ft S. and 150 ft E. of junction of hwy. and rd. N.; on SW. concrete abutment of steel girder bridge over First Broad River; chiseled square 706.91

Zoar Church, 340 ft N. of NE. corner of church; 160 ft S. and 40 ft W. of junction of Boiling Springs-Shelby Road and Gaffney Road; in concrete post projecting 4 in.; standard tablet stamped "79 WSM 1949 824" (Reported not found, 1971) 823.446

Reference mark, 140 ft W. of tablet; in root on N. side of 14-in. oak tree; copper nail and washer 821.43

LINE 8 (Cont'd.)Feet

Zora Church, 1.1 mi S. of, along Shelby-Gaffney Road, thence 2.7 mi E. along Patterson Springs Road; 1.1 mi N. of Patterson Springs, thence 1.6 mi W.; 470 ft N. of Ry. Bridge; 75 ft N. and 35 ft W. of intersection of rd. and RR.; in concrete post projecting 6-in.; standard tablet stamped "80 WSM 1949 814"

813.593

LINE 9.

By W. S. Monk, 1949; Book AV 88 a

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

LINE 10.

By W. S. Monk, 1949; Book AV 88 a

Hollis, 1.8 mi SW. of, along Hollis-Bostic Rd.; 96 ft NE., 40 ft SE. and 3.2 ft lower than T-rd. E. to New House; 0.5 ft N. of metal witness post; set in top of concrete post; standard tablet stamped "87 WSM 1949 RESET 1980" (Book AV 1739a)

1259.850

New House, 1.3 mi NW. of; 30 ft N. and 130 ft E. of junction of New House-Hollis Road and rd. W.; 310 ft W. of rd. E. to Polkville; 15 ft SE. of corner of residence; in concrete post projecting 4 in.; standard tablet stamped "88 WSM 1949 1096"

1096.016

Reference mark, 60 ft W. of tablet; in root on E. side of 32-in. oak tree; rail spike

1093.83

New House, 70 ft N. and 30 ft W. of junction of New House Road and rd. S. to Mooresboro; 10 ft S. of power pole; in concrete post projecting 4 in.; standard tablet stamped "89 WSM 1949 1078"

1078.365

Reference mark, 240 ft NE. of tablet; in root on W. side of 32-in. oak tree; rail spike

1068.80

New House, 1.9 mi S. of, along New House-Mooresboro Road; 15 ft S. and 40 ft E. of junction of rd. NW. to Hopewell Church and Mooresboro Road; in concrete post projecting 4 in.; standard tablet stamped "90 WSM 1949 1001"

1001.155

Reference mark, 10 ft N. of tablet; in root on W. side of 14-in. oak tree; rail spike

1000.86

NGVD 29
ElevationsLINE 10 (Cont'd.)Feet

New House, 2.6 mi S. of, along New House-Mooresboro Road, thence 1.7 mi SE. along Lattimore Road; 2.4 mi NW. of Lattimore; 40 ft N. and 20 ft W. of junction of rd. W. to Mooresboro Road and Lattimore Road; 60 ft N. of NE. corner of gin house; in concrete post projecting 6-in.; standard tablet stamped "91 WSM 1949 909" 908.673

U.E., Lattimore, 1.3 mi NW. of; at steel girder ^{Railroad or Highway?} bridge over Sandy Run Creek; on NW. concrete abutment; chiseled square 785.57

"F 77 1935" (NGS) 887.472

LINE 11.

By W. S. Monk, 1949; Book AV 88 a

"RESET 1953" (Replaces "87 WSM 1949 1268") 1268.902

Hollis, 20 ft S. and 70 ft E. of junction of Hollis-Duncan Creek Road and Polkville Road; 65 ft S. of SE. corner of store; in concrete post projecting 4 in.; standard tablet stamped "92 WSM 1949 1190" 1189.635

U.E., Hollis, 1.8 mi N. of, along Duncan Creek Road; at NW. end of small bridge over creek; on concrete abutment; chiseled square 1028.25

"62 RLB 1941 974" (Described in line 6) 974.117

LINE 12.

By J. W. Gardner, 1973; Book AV 1680

1 51 9.31 "35 RLB 1949 1025" (Described in line 1) 1205.098
(Also in line 5)

LINE 13.

By Richard L. Meador, 1980; Book AV 1739

1 3 0.00 Boiling Springs, 4.2 mi E. of, along Boiling Springs-Shelby Rd.; 0.4 mi E. of crossroads; 40 ft N. of highway; 110 ft NE. of NE. corner of store; in center of rock outcrop; standard tablet stamped "78 WSM 1949 825" (also in line 8) 824.814

1 3 1.00 U.E., centerline of T-rd. NE.; nail and cap 790.535

LINE 13. (Cont'd)

Feet

1	4	1.58	U.E., centerline of T-rd. E.; nail and cap	816.633
1	5	2.04	Boiling Springs, 3.2 mi E. of along 5R150; then 1.1 mi N. to Sugar Branch NE. and 4.5 ft lower than centerline of rd.; set in center of concrete headwall; standard tablet stamped "1 MEA 1980 741"	740.485
1	6	2.88	U.E., centerline of T-rd. SE.; nail and cap	827.060
1	7	3.70	U.E., centerline of crossroads; nail and cap	860.994
1	8	4.84	Shelby, 1.3 mi W. of junction U. S. Highway 74 bypass and State Route 226 N., along U. S. Highway 74 bypass; 75 ft S., 55 ft W. and 0.5 ft lower than centerline of crossroad; set in top of concrete headwall; standard tablet stamped "2 MEA 1980 862"	862.011
				<i>Recovered 1984 GOOD</i>
1	10	5.81	U.E., centerline of crossroads; nail and cap	863.679
1	11	6.77	Shelby, 2.3 mi W. of junction U. S. Highway 74 bypass and State Route 226 N., along U. S. Hwy. 74; 3.0 mi W. of Holiday Inn, thence 1.0 mi N.; 48 ft N., 43 ft W. and 1.4 ft higher than centerline of T-rd. W.; 3.5 ft W. of pole; 0.5 ft E. of metal witness post; set in top of concrete post; standard tablet stamped "3 MEA 1980 889"	889.115
1	12	7.28	U.E., centerline of T-rd. W.; nail and cap	923.324
1	13	8.05	U.E., centerline of T-rd. N.; nail and cap	942.077
1	14	8.56	Shelby, 2.3 mi W. of junction U. S. Highway 74 bypass and State Route 226 N., along U. S. Hwy. 74; thence 2.3 mi NW.; thence 0.05 mi N.; 38 ft NW. and 1.9 ft higher than centerline of railroad crossing; 20 ft N. of N. rail; 300 ft N. of T-rd. N.; 0.5 ft E. of metal witness post; set in top of concrete post; standard tablet stamped "4 MEA 1980 932"	932.223
1	15	9.38	U.E., chiseled square; 17 ft W. and level with S. end of bridge; on SW. wingwall	788.928
1	16	10.03	U.E., centerline of T-rd. W.; nail and cap	874.617
1	17	10.59	Shelby, 2.3 mi W. of junction U. S. Highway 74 bypass and State Route 226 N., along U. S. Hwy. 74; thence 2.3 mi NW.; thence 2.1 mi N.; at offset crossroads; 39.4 ft N. and 1.6 ft higher than T-rd. N.; 10 ft N. of S. end of concrete medium strip; standard tablet stamped "5 MEA 1980 923"	923.035

LINE 13. (Cont'd)

NGVD 29
ElevationsFeet

1	18	11.57	U.E., centerline of T-rd. W.; nail and cap	985.197
1	19	12.47	Polkville, 2.8 mi SE. of, along State Route 226 from crossroads, thence 0.5 mi S.; 60 ft S. and 2.3 ft higher than T-rd. S.; 31 ft SE. of N. end of concrete medium strip; standard tablet stamped "6 MEA 1980 997"	996.618
1	20	13.36	Polkville, 2.3 mi SE. of, along State Highway 226; in SE. angle of crossroads; 49 ft E. of centerline of hwy.; 32 ft S. of centerline of rd. E.; about 210 ft SW. of SW. corner of Union Baptist Church; in NW. corner of cemetery; standard tablet stamped "RLB 44 1949 RESET 1980"	1013.011
1	21	14.20	U.E., centerline of T-rd. E.; nail and cap	1029.904
1	22	14.94	U.E., centerline of T-rd. NW.; nail and cap	1051.980
1	23	15.78	Polkville, in NE. corner of school yard; 46 ft S., 28 ft W. and 0.5 ft higher than centerline of crossroads; 2.8 ft W. of power pole; set in top of concrete block; standard tablet stamped "7 MEA 1980 1081"	1081.180
1	24	16.87	U.E., centerline of rd. at drain crossing; nail and cap	994.070
1	25	18.00	USGS bench mark "47 RLB 1949 RESET 1980" (Described in line 3)	869.283