

ADDER LEVELING
AL GEODETIC VERTICAL DATUM OF 1929

35-079-21
SANFORD QUADRANGLE
NORTH CAROLINA
N3515-W7900/15
DIAGRAM NI 17-3
RALEIGH

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Harnett, Hoke, Lee, and Moore Counties

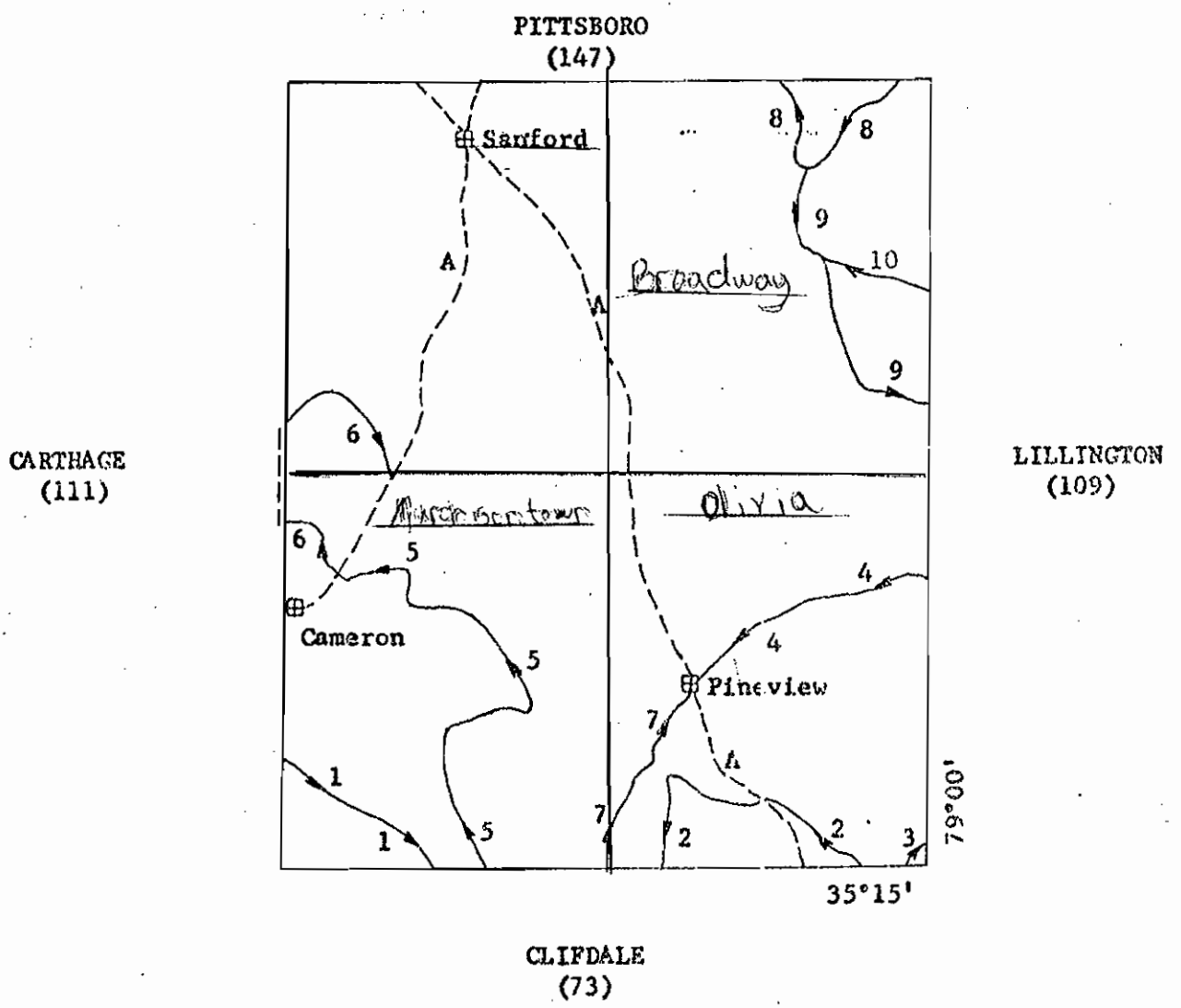
Final adjustment of 1973

Edition of 8/22/75

PR: WSM/ale

110

NGVD 29
Elevations



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 350792

INDEX OF PERMANENT MARKS

| <u>MARK (USGS)</u> | <u>PAGE NO.</u> | <u>MARK (NGS)</u> | <u>PAGE NO.</u> |
|--|-----------------|-----------------------------|-----------------|
| TT 1 HEM 1946 | 3 | C 11 1918 349.563 | 6,7,8 |
| TT 6 HEM 1946 | 3 | 333.290 0 23 DUF 1918 | 3 |
| TT 7 HEM 1946 | 3 | DUL 1918 278.864 T 23 | 4 |
| 6 NDS 1946 | 4 | PINEVIEW 1918 (Az. Mk.) | 4,9 |
| 167 WSM 1955 298 | 4 | BROADWAY 1957 | 10 |
| 168 WSM 1955 257 | 4 | BROADWAY 1957 (Az. Mk.) | 10 |
| 169 WSM 1955 384 | 5 | BROADWAY NO 2 1957 | 10 |
| 170 WSM 1955 485 | 5 | | |
| 171 WSM 1955 427 | 6 | | |
| 172 WSM 1955 429 | 6 | | |
| 173 WSM 1955 398 | 7 | <u>N.C. GEODETIC SURVEY</u> | |
| 174 WSM 1955 398 | 7 | | |
| 175 WSM 1955 448 | 7 | BARBER 1970 | 12 |
| 176 WSM 1955 377 | 8 | KNIGHT 1970 | 12 |
| 177 WSM 1955 355 | 8 | JOHNNY 1970 | 10 |
| 178 WSM 1955 405 | 9 | SAIL 1970 | 11,12 |
| 30 DRD 1960 474 | 9 | | |
| 31 DRD 1960 356 | 9,10 | | |
| 11 MLW 1973 317 | 11 | | |
| <u>USED</u> | | | |
| 30 NC-1/CE 26/3 TT-A-84/43 | 10 | | |
| 30 NC-1/C. OF E. MON. 89/3 TT-A-88/43 | 11 | | |

NOT FOUND 2/11/2002

See #111/p.4

NGVD 29
Elevations

1946

LINE 1.

Feet

By N. D. Smith, 1946; Book V 262

Vass, 3.0 mi NE. of; 4.4 mi NW. of Cypress Presbyterian Church, along dirt rd.; 4 ft SSW. of contrast of dark and white strip formed by N. side of brushy triangle and WNW.-ESE. graded strip; 68 ft WNW. of E. point of triangle; 19 ft ESE. of base of large lone pine tree; 79 ft E. of centerline of N.-S. rd.; 126 ft SSW. of SW. corner of building; in center of large triangular plot of ground; in concrete post; standard tablet stamped "TT 7HEM 1946"

NGVD 29
Elevations

385.280

Cypress Presbyterian Church, 2.9 mi NW. of, along dirt rd. to Vass; 230 ft E. of NE. corner of brick veneer house; 45 ft SE. of centerline of crossroads; 40 ft NE. of signpost of Hoke-Harnett County; in concrete post; standard tablet stamped "TT 6HEM 1946" (Reported destroyed, 1955)

321.277

Reference mark; 70 ft S. of tablet; in base on NE. side of 6-in. hickory tree; rail spike

318.87

LINE 2.

By N. D. Smith, 1946; Book V 262

Spout Springs, 2.0 mi NW. of, along Carthage-Cameron Road; 37 ft S. and 20 degrees W. of center of rd.; in triangle formed by T-rd. SW.; 7 ft N. of lone 20-in. pine tree; in concrete post; standard tablet stamped "TT 1HEM1946"

418.390

Reference mark; 70 ft W. of tablet; at edge of Y-rd.; in base on E. side of 12-in. red oak tree; rail spike

419.82

U.E., Spout Springs; on E. rd. curb; on S. end of concrete bridge over Atlantic Coast Line RR. tracks; chiseled and painted square

366.19

Spout Springs, 0.5 mi SE. of station, along A. C. L. RR.; 350 ft N. of S. point of tangency of first curve SE. of station; on prolongation of E. rail of S. tangent; 29 ft W. of 15-in. pine tree with triangular blaze and bout 10-in. underground; 17 ft NE. of NE. rail; in concrete post; NGS standard triangulation station disk stamped "333.290 0 23 DUF 1918" (Reported not found, 1957)

333.408

NGVD29⁴
FeetLINE 2 (Cont'd.)

- Spout Springs, 1.0 mi. SE. of, along State Highway 87; 5.8 mi NW. of Little River bridge at Manchester; 35 ft SE. of intersection of rd. and woods rd. NE.; 30 ft NE. of rd.; in concrete post; standard tablet stamped "6 NDS 1946" 376.110
- Reference mark; 33 ft SE. of tablet; in base on SW. side of 6-in. oak tree; rail spike 377.56

LINE 3.

By W. S. Monk, 1955; Book AV 432

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

LINE 4.NGVD 29
Elevations

By W. S. Monk, 1955; Book AV 432

- 2 72 7.16 Pineview, 1.7 mi NE. of; 90 ft W. and 35 ft N. of, and 1 ft higher than junction of T-rd. N.; 3 ft E. of power pole; 100 ft N. of NW. corner of Whites Store; in concrete post; standard tablet stamped "167 WSM 1955 298" 297.506
- 2 71 7.16 Reference mark; 120 ft W. of tablet; 20 ft S. of rd.; on S. end of concrete pipe culvert; chiseled cross 293.76
- 2 75 8.83 Pineview; 125 ft W. and 30 ft N. of, and 1 ft higher than crossroads; 40 ft NE. of, and 2 ft higher than RR. crossing; 31 ft SW. of SW. corner of store; in concrete post; NGS standard azimuth mark disk stamped "PINEVIEW 1918" (Reported not found, 1957) 320.389
- 2 76 8.83 Reference mark; 225 ft SW. of disk; on S. end of concrete pipe culvert; chiseled cross 314.12
- 2 79 10.57 "DUL 1918 278.864 T 23" (NGS) 278.963

LINE 5.

By W. S. Monk, 1955; Book AV 432

- 3 4 1.34 Lobelia, 1.2 mi E. of, thence 3.8 mi N.; 1.3 mi N. of Cypress Presbyterian Church; 200 ft N. and 20 ft E. of, and 8 ft higher than Y-rd. W.; 5 ft W. of R.E.A. pole No. D 15 C 16; in concrete post; standard tablet stamped "168 WSM 1955 257" 257.443

NGVD29

| <u>LINE 5 (Cont'd.)</u> | | | NGVD 29 Elevations | <u>Feet</u> |
|-------------------------|----|------|--|-------------|
| 3 | 3 | 1.34 | Reference mark; 240 ft S. of tablet; 70 ft SW. of Y-rd. W.; on S. end of concrete pipe culvert; chiseled cross | 243.99 |
| 3 | 5 | 1.89 | U.E., 30 ft S. and 30 ft E. of, and 2 ft higher than junction of drive E.; in front yard of residence; in root on NW. side of 10-in. oak tree; copper nail and washer | 320.69 |
| 3 | 6 | 2.60 | U.E., 70 ft N. and 20 ft E. of woods lane W.; in face on NW. side of 20-in. oak tree; rail spike | 367.48 |
| 3 | 8 | 3.20 | Lobelia, 1.2 mi E. of, thence 5.6 mi N.; 4.0 mi SW. of Cameron; 3.2 mi N. of Cypress Presbyterian Church; 150 ft S. and 37 ft W. of, and 2 ft lower than crossroads; 4.5 ft N. of power pole; in concrete post; standard tablet stamped "169 WSM 1955 384" | 383.917 |
| 3 | 7 | 3.20 | Reference mark; 240 ft NE. of tablet; 35 ft NW. of junction of rd. NW.; on W. end of concrete pipe culvert; chiseled cross | 386.84 |
| 3 | 11 | 4.68 | U.E., at drain 150 ft SW. of junction of drive S.; on S. end of concrete pipe culvert; chiseled cross | 409.14 |
| 3 | 13 | 5.90 | Cameron, 6.3 mi SE. of, along State Highway 27; 260 ft E. of, and 4 ft lower than Y-rd. NW.; 30 ft S. of hwy.; 190 ft S. of SW. corner of concrete block residence; in concrete post; standard tablet stamped "170 WSM 1955 485" | 485.513 |
| 3 | 14 | 5.90 | Reference mark; 230 ft NW. of tablet; 55 ft NE. of Y-rd. NW.; in root on SE. side of 8-in. oak tree; copper nail and washer | 489.47 |
| 3 | 15 | 6.42 | U.E., at drain; on E. end of concrete pipe culvert; chiseled cross | 467.13 |
| 3 | 17 | 7.53 | U.E., 40 ft SW. of, and level with woods lane NW.; in root on E. side of 10-in. pine tree; copper nail and washer | 458.34 |

| <u>LINE 5 (Cont'd.)</u> | | | NGVD 29 Elevations | <u>Feet</u> |
|-------------------------|----|-------|--|-------------|
| 3 | 20 | 8.17 | Cameron, 6.3 mi SE. of, along State Highway 27, thence 2.3 mi NW.; 5.0 mi SW. of Olivian; 290 ft W. and 20 ft N. of, and 3 ft lower than cross-roads; in line with powerline poles NE.; in concrete post; standard tablet stamped "171 WSM 1955 427" <u>(Reported disturbed, 1963)</u> | 427.075 |
| 3 | 19 | 8.17 | Reference mark; 200 ft SE. of tablet; 25 ft S. of rd.; in root on E. side of 10-in. pine tree; copper nail and washer | 429.68 |
| 3 | 21 | 8.67 | U.E., 30 ft SE. of, and level with drive S.; 230 ft N. of NE. corner of residence; in root on W. side of 12-in. pine tree; copper nail and washer | 419.28 |
| 3 | 22 | 9.29 | U.E., 120 ft SW. of, and level with T-rd. SE.; 27 ft SE. of rd.; 270 ft NW. of SW. corner of church; in root on SW. side of 12-in. pine tree; copper nail and washer | 418.70 |
| 3 | 25 | 10.20 | Cameron, 1.5 mi SE. of, along State Highway 27, thence 1.4 mi NW.; 125 ft SW. of, and level with junction of rd. SE.; 27 ft SE. of NE.-SW. rd.; 7 ft NW. of 16-in. stump; 49.5 ft S. of telegraph pole No. B 122; in concrete post; standard tablet stamped "172 WSM 1955 429" <i>FEB 11, 2002 - Not Found</i> | 429.295 |
| 3 | 24 | 10.20 | Reference mark; 7 ft SE. of tablet; in face on NW. side of 16-in. oak tree; rail spike <i>BELIEVED LOST TO HIGHWAY IMPROVEMENTS. (WLL)</i> | 430.07 |
| 3 | 27 | 11.04 | U.E., 90 ft NE. of, and 1 ft lower than junction of Y-rd.; in root on NW. side of 6-in. oak tree; copper nail and washer | 465.31 |
| 3 | 28 | 11.61 | U.E., 230 ft S. of residence; 20 ft W. of rd.; in root on S. side of 9-in. oak tree; copper nail and washer | 396.95 |
| 3 | 29 | 12.19 | U.E., 40 ft W. of, and 1 ft higher than Y-rd. E.; 0.1 mi SE. of RR. crossing; in root on SE. side of 25-in. oak tree; copper nail and washer | 364.19 |
| 3 | 30 | 12.68 | "C 11 1918 349.563" (NGS) | 349.629 |

1955

LINE 6.

NGVD 29
Elevations

Feet

By W. S. Monk, 1955; Book AV 432

| | | | | |
|---|----|------|--|---------|
| 3 | 31 | 0.00 | "C 11 1918 349.563" (NGS) (Also in line 5) | 349.629 |
| 3 | 31 | 0.32 | U.E., 120 ft NE. of RR. crossing; 17 ft SE. of E. rail; on concrete pipe culvert; chiseled cross | 340.07 |
| 3 | 32 | 0.94 | U.E., 50 ft SE. of, and 1 ft higher than junction of U. S. Highway 1 and rd. E.; in root on NW. side of 26-in. pine tree; copper nail and washer | 389.80 |
| 3 | 33 | 1.26 | U.E., 120 ft N. and 35 ft E. of, and 1 ft higher than junction of U. S. Highway 1 and Y-rd. NW. to Lemon Springs; on N. end of concrete pipe culvert; painted square | 406.48 |
| 3 | 35 | 1.62 | Cameron, 2.0 mi N. of; 9.0 mi S. of Sanford; 313 ft S. and 34 ft ESE. of, and 3 ft lower than crossroads; 110 ft SW. of SW. corner of two-story building; 25 ft NNE. of 4-ft high iron pipe on high pressure pipeline; 6 ft SW. of iron pipe sign post; in concrete post; standard tablet stamped "173 WSM 1955 398" | 398.234 |
| 3 | 36 | 1.62 | Reference mark No. 2; 58 ft NE. of tablet; 56.5 ft ESE. of N.-S. U. S. Highway 1; 9.4 ft NE. of pole No. C 208 60; 265 ft S. of intersection of N.-S. hwy. and NW.-SE. rd. to Lemon Springs; 315 ft SSW. of Tyler's Service Station; on concrete grease rack; chiseled cross | 403.30 |

Jogs into Carthage quadrangle

| | | | | |
|---|----|------|---|---------|
| 3 | 46 | 6.30 | White Hill, 2.9 mi E. of; 6.0 mi S. of Sanford; 760 ft SW. of junction of U. S. Highway 15 and U. S. Highway 501 (Carthage Road); 29 ft NW. of Highways 15 and 501; 54 ft N. of telephone pole No. 3810; in concrete post; standard tablet stamped "175 WSM 1955 448" | 448.220 |
| 3 | 45 | 6.19 | Reference mark; 580 ft S. of tablet; 28 ft W. of U. E. Highway 501; 35 ft N. of drive W.; on S. end of concrete headwall of culvert; chiseled cross | 430.59 |

rest of
X

| <u>LINE 6 (Cont'd.)</u> | | | NGVD 29 Elevations | <u>Feet</u> |
|-------------------------|----|-------|--|-------------|
| 3 | 48 | 7.50 | U.E., 40 ft SE. of, and 1 ft higher than drive W.; 80 ft E. of telephone pole No. C160; on center of W. side of 5- by 5- concrete base; chiseled cross | 484.78 |
| 3 | 50 | 8.52 | U.E., at small concrete bridge crossing little Juniper Creek; on guardrail at NE. end of bridge; chiseled cross | 379.02 |
| 3 | 52 | 8.93 | Lemon Springs, 0.8 mi SW. of, along S. A. L. RR.; 0.2 mi S. of Little Juniper Creek; 0.5 mi S. of milepost 206; on E. side of track; 44 ft ESE. of centerline of NNE.-SSW. RR. track; 63.5 ft SE. of SE. corner of wooden equipment shack; 57.5 ft ENE. of intersection of NNE.-SSW. RR. and E.-W. trail crossing; 30 ft N. of E.-W. trail; 35 ft N. of telephone pole; in concrete post; standard tablet stamped "176 WSM 1955 377" | 377.436 |
| 3 | 51 | 8.93 | Reference mark; 370 ft S. of tablet; on NE. corner of concrete base of signal No. 2064; chiseled square | 384.80 |
| 3 | 54 | 10.85 | U.E., 0.9 mi S. of RR. crossing; 0.5 mi S. of milepost 208; on SE. corner of concrete base for signal No. 2085; chiseled cross | 370.92 |
| 3 | 55 | 11.42 | "C 11 1918 349.563 " (NGS) | 349.629 |

LINE 7.

By W. S. Monk, 1955; Book AV 432

| | | | | |
|---|----|------|--|---------|
| 3 | 63 | 4.30 | U.E., at drain on W. end of concrete pipe culvert; chiseled cross | 388.74 |
| 3 | 65 | 4.70 | Cypress Presbyterian Church, 2.1 mi E. of, thence 2.6 mi N. along rds. to Pineview; 24 ft N. and 35 ft E. of, and 1 ft lower than junction of drive W.; 45 ft S. of telephone pole No. 130; 15 ft SE. of E. end of concrete pipe culvert; in concrete post; standard tablet stamped "177 WSM 1955 355" | 355.209 |
| 3 | 64 | 4.70 | Reference mark; 85 ft SW. of tablet; 60 ft SW. of drive W.; in root on E. side of 12-in. oak tree; copper nail and washer | 355.28 |

| <u>LINE 7 (Cont'd.)</u> | | | NGVD 29 Elevations | <u>Feet</u> |
|-------------------------|----|------|--|-------------|
| 3 | 66 | 5.50 | U.E., at drain; on W. end of concrete pipe culvert; chiseled cross | 294.55 |
| 3 | 68 | 6.51 | Cypress Presbyterian Church, 2.1 mi E. of, thence 4.1 mi N., thence 0.5 mi E.; 1.9 mi S. of Pineview; at Johnsonville; 300 ft W. and 35 ft N. of, and 1 ft higher than junction of State Highway 27 and rd. N.; 160 ft W. of SW. corner of store; 15 ft S. of power pole; in concrete post; standard tablet stamped "178 WSM 1955 405" | 404.545 |
| 3 | 69 | 6.51 | Reference mark; 280 ft E. of tablet; 30 ft SW. of junction of rd. N.; on S. end of concrete pipe culvert; chiseled cross | 399.53 |
| 3 | 70 | 7.06 | U.E., at drain; on W. end of concrete pipe culvert; chiseled cross | 381.52 |
| 3 | 73 | 8.50 | "PINEVIEW 1918" (Described in line 4) | 320.389 |

LINE 8.

By D. R. Deane, 1960; Book AV 816

| | | | | |
|---|----|-------|---|---------|
| 3 | 49 | 12.06 | Broadway, 0.8 mi NE. of; 115 ft SE. of, and 2 ft lower than rd.; 2 ft SW. of steps at front entrance to Juniper Springs Baptist Church; in concrete post; standard tablet stamped "30 DED 1960 474" (<u>Reported destroyed, 1974</u>) | 473.875 |
| 3 | 49 | 12.04 | Reference mark; 10 ft NE. of tablet; at front entrance to Juniper Springs Baptist Church; on first step; chiseled square | 473.97 |
| 3 | 52 | 13.69 | Broadway, 2.0 mi N. of; 4 ft lower than rd.; in S. end of E. headwall of concrete culvert over Fall Creek; standard tablet stamped "31 DED 1960 356" | 355.694 |
| 3 | 53 | 14.29 | U.E., on S. end of concrete drainpipe at drive W.; chiseled square | 381.14 |

1973

LINE 9.

Feet

By M. L. Webster, 1973; Book AV 1688

NGVD 29
Elevations

| | | | | |
|---|---|------|--|---------|
| 1 | 2 | 0.00 | "31 DRD 1960 356" (Described in line 8) | 355.694 |
| 1 | 3 | 1.15 | U.E., in centerline of Y-rd.; copper nail and washer | 479.70 |
| 1 | 4 | 1.69 | Broadway, 22 ft E. of, and about level with U. S. Highway 421 and rd. NE.; 3 ft W. of NW. corner of brick building; in NW. edge of sidewalk; USED standard disk stamped "30 NC-1/CE 26/3 TT-A-84/43" (Listed as MON. 26 30TH ENGRS) | 472.579 |
| 1 | 5 | 2.05 | Broadway; in NE. corner of Broadway school-grounds; about 8.0 mi SE. of Sanford; 80.5 ft NE. of flagpole; 50.5 ft SSE. of approximate centerline of driveway; 53 ft WNW. of centerline of U. S. Highway 421; in concrete post; NGS standard triangulation station disk stamped "BROADWAY 1957" | 483.793 |
| 1 | 6 | 2.07 | Reference mark No. 2; 81.5 ft SW. of triangulation station; 2 ft SW. of flagpole; 0.5 ft NE. of brick monument; in drill hole in concrete post; NGS standard reference mark disk stamped "BROADWAY NO 2 1957" | 484.599 |
| 1 | 7 | 2.57 | Broadway, 1.7 mi SE. of post office, along U. S. Highway 421; 78 ft N. and 24 ft W. of, and 0.5 ft lower than centerline of T-rd. E.; in concrete post; NGS standard azimuth mark disk stamped "BROADWAY 1957" | 475.107 |
| 1 | 8 | 2.90 | Seminole, 0.5 mi W. of, along U. S. Highway 421; 0.3 mi E. of Lee-Harnett County line; 45.7 ft NE. of hwy.; 43.6 ft E. of 15-in. culvert with headwall; 6.4 ft S. of aluminum reference tag on stopsign post; 94 ft S. of aluminum tag on power pole; in concrete post level with ground; North Carolina Geodetic Survey standard disk stamped "JOHNNY 1970" | 475.473 |

NGVD 29
ElevationsLINE 9 (Cont'd.)Feet

| | | | | |
|---|----|------|---|---------|
| 1 | 9 | 3.40 | Seminole; near SW. corner of U. S. Highway 421 and State Highway 1280; 47.6 ft S. of hwy.; 116 ft W. of aluminum reference tag on stop sign; 15 ft SW. of 24-in. culvert; 14 ft W. of power pole 2856; 29 ft W. of right-of-way marker; in concrete post; N.C. Geodetic Survey standard disk stamped "SAIL 1970" | 461.577 |
| 1 | 10 | 4.18 | Broadway, 1.7 mi E. of, along U. S. Highway 421, thence 0.75 mi S. along County Road 1280; 84 ft S. and 45 ft E. of, and 0.2 ft higher than drive E.; USED standard disk stamped "30 NC-1/C. of E. MON 89/3 TT-A-88/43" | 369.202 |
| 1 | 11 | 4.71 | U.E., in centerline of rd. at drain crossing; nail and washer | 312.24 |
| 1 | 12 | 5.12 | U.E., in centerline of T-rd. W.; nail and washer | 342.64 |
| 1 | 13 | 5.64 | U.E., in centerline of rd. at rd. SW.; nail and washer | 316.66 |
| 1 | 15 | 6.27 | Broadway, 1.7 mi E. of post office, along U. S. Highway 421, thence 2.8 mi S. and E. along County Road 1280 to junction with County Road 1229, thence 0.1 mi N. along County Road 1229 to Mt. Pisgah Presbyterian Church; in sidewalk leading to front entrance; 12 ft W. of centerline of rd.; standard tablet stamped "11 MLW 1973 317" | 316.550 |
| 1 | 17 | 7.08 | U.E., in centerline of rd. at rd. NE.; copper nail and washer | 336.31 |
| 1 | 18 | 7.43 | U.E., in centerline of rd. at drain crossing; nail and washer | 238.66 |

1974

LINE 10.

Feet

By H. L. Zohn, Jr., 1974; Book AV 1696

- 1 22 11.61 Seminole, 1.4 mi E. of; 0.5 mi W. of intersection of County Road 1265 and U. S. Highway 421 in community of Ryes, along Highway 421 to T-intersection of Highway 421 and County Road 1229 S., thence continue 0.2 mi W. of Highway 421; on W. side of power pole with telephone junction box attached; about 200 ft NE. of NE. edge of wooded area on S. side of hwy.; 0.3 mi E. of County Road 1273; 40.7 ft N. of centerline of Highway 421; 113.6 ft N. of aluminum reference tag on PP; 15.4 ft E. of aluminum reference tag on PP with transformer; 12.2 ft E. of top of TP junction box; 235.8 ft W. of dim rd. from Highway 421 to cultivated field; 15.5 ft S. of dim rd. between hwy. and cultivated field; in concrete cylinder flush with ground; North Carolina Geodetic Survey traverse disk stamped "KNIGHT 1970" (Photo 4-97) 472.963
- 1 23 12.21 Ryes, 1.3 mi W. of; 0.55 mi E. of intersection of County Road 1280 and U. S. Highway 421 in community of Seminole, along Highway 421 to County Road 1228, continue 0.15 mi E. of Highway 421; near NW. corner of grassy area between Highway 421 and McNeils Grocery Store; 0.3 mi E. of County Road 1273; 21.4 ft S. of centerline of Highway 421; 76.9 ft SW. of aluminum reference tag on power pole with transformer; 64.7 ft NW. of base of gas sign post; 68.4 ft N. of base of NE. corner of store building; 92.8 ft NE. of base of NW. corner of store building; in concrete cylinder 1 in. below surface of ground; NCGS standard traverse disk stamped "BARBER 1970" (Photo 4-97) 477.346
- 1 24 12.96 "SAIL 1970" (NCGS) (Described in line 9) 461.577

NGVD 29
Elevations

35-079-21
SANFORD QUADRANGLE
110 NORTH CAROLINA
N3515-W7900/15
DIAGRAM NI 17-3
RALEIGH

NGVD 29
Elevations

30TH ENGINEER TOPOGRAPHIC BATTALION

THIRD-ORDER LEVELING

ADJUSTED FIELD ELEVATIONS

DISTRIBUTED BY

UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

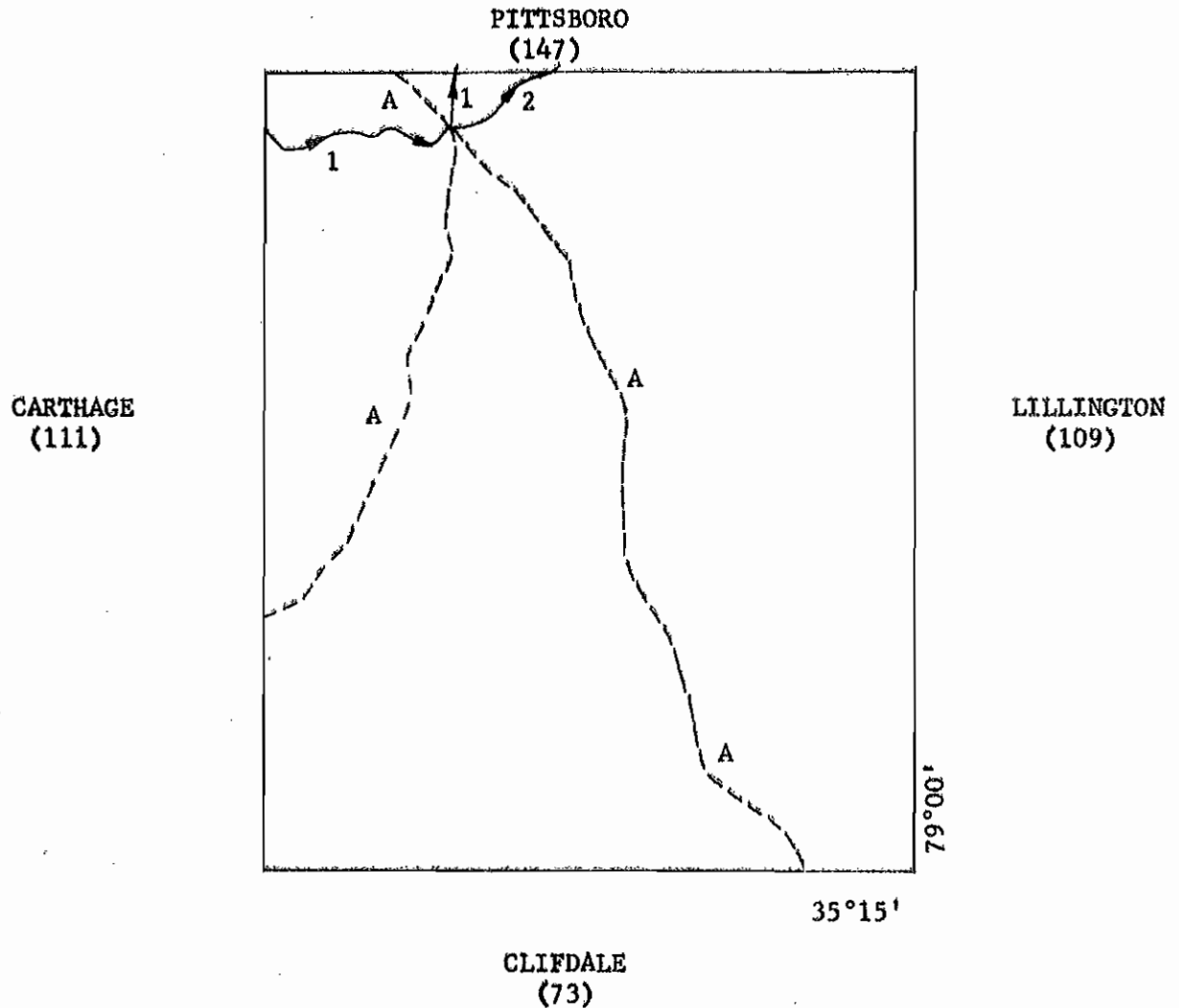
35-079-21
SANFORD QUADRANGLE
110 NORTH CAROLINA
N3515-W7900/15
DIAGRAM NI 17-3
RALEIGH

Final adjustment of 1972

Edition of 1973

PR: JRS

NGVD 29
Elevations



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 350792

110 NORTH CAROLINA
SANFORD QUADRANGLE

35-079-21
N3515-W7900/15

INDEX OF PERMANENT MARKS

| <u>MARK (USGS)</u> | <u>PAGE NO.</u> | <u>MARK (NGS)</u> | <u>PAGE NO.</u> |
|----------------------------|-----------------|-------------------|-----------------|
| B-18 30TH ENGRS 1963 382.4 | 1 | H 11 1918 | 1 |
| B-19 30TH ENGRS 1963 330.4 | 1 | | |
| P-1 30TH ENGRS 1963 350.0 | 2 | | |

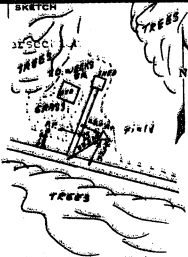
NGVD 29
Elevations

NGVD 29
Elevations

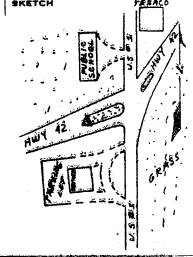
LINE 1

SANFORD QUADRANGLE

| COUNTRY USA | | TYPE OF MARK Std. tablet | | DESIGNATION OF MARK B-18 30TH | |
|---------------------------|----------------|--|----------------------------|-------------------------------|-------------|
| PROVINCE OR STATE | North Carolina | ESTABLISHED BY (AGENCY) | 30th Engrs. | ELEVATION | 382.519 ft |
| MUNICIPALITY | Sanford | AGENCY (CAST IN MARK) | U. S. Geological Survey | ORDER | Third |
| LINE | | MARK IS STAMPED | B-18 30TH ENGRS 1963 382.4 | DATUM | 1929 S.L.D. |
| DESCRIPTION: | | <p>Sanford, 0.6 mi S. of post office, along old U. S. Highway 1, thence 2.1 mi W. along State Highway 42; 32 ft N. and 23 ft E. of centerline of Highway 42 at junction of driveway N. to residence of T. D. Weeks, Jr.; in concrete post projecting 3 in.; standard tablet stamped "B-18 30TH ENGRS 1963 382.4"</p> | | | |
| DESCRIBED OR RECOVERED BY | | AGENCY | DATE | | |



| COUNTRY USA | | TYPE OF MARK Std. tablet | | DESIGNATION OF MARK B-19 30TH | |
|---------------------------|----------------|---|----------------------------|-------------------------------|-------------|
| PROVINCE OR STATE | North Carolina | ESTABLISHED BY (AGENCY) | 30th Engrs. | ELEVATION | 330.514 ft |
| MUNICIPALITY | Sanford | AGENCY (CAST IN MARK) | U. S. Geological Survey | ORDER | Third |
| LINE | | MARK IS STAMPED | B-19 30TH ENGRS 1963 330.4 | DATUM | 1929 S.L.D. |
| DESCRIPTION: | | <p>Sanford, 0.6 mi S. of post office, along old U. S. Highway 1; at intersection of hwy. and State Highway 42; in W. end of concrete traffic island in centerline of Highway 42; standard tablet stamped "B-19 30TH ENGRS 1963 330.4"</p> | | | |
| DESCRIBED OR RECOVERED BY | | AGENCY | DATE | | |



| COUNTRY USA | | TYPE OF MARK Std. disk | | DESIGNATION OF MARK H 11 1918 | |
|---------------------------|----------------|--------------------------|-------------|-------------------------------|------------|
| PROVINCE OR STATE | North Carolina | ESTABLISHED BY (AGENCY) | NGS | ELEVATION | 370.170 ft |
| MUNICIPALITY | | AGENCY (CAST IN MARK) | NGS (US&GS) | ORDER | |
| LINE | | MARK IS STAMPED | H 11 1918 | DATUM | |
| DESCRIPTION: | | <p>"H 11 1918" (NGS)</p> | | | |
| DESCRIBED OR RECOVERED BY | | AGENCY | DATE | | |

NGVD 29
Elevations

LINE 2

SANFORD QUADRANGLE

| | | | | | |
|---------------------------|----------------|---|---------------------------|---------------------|-------------|
| COUNTY | USA | TYPE OF MARK | Std. tablet | DESIGNATION OF MARK | P-1 30TH |
| PROVINCE OR STATE | North Carolina | ESTABLISHED BY (AGENCY) | 30th Engrs. | ELEVATION | 349.988 ft |
| MUNICIPALITY | Sanford | AGENCY (CAST IN MARK) | U. S. Geological Survey | ORDER | Third |
| LINE | | MARK IS STAMPED | P-1 30TH ENGRS 1963 350.0 | DATUM | 1929 S.L.D. |
| DESCRIPTION | | <p>Sanford, 2.0 mi NE. of post office, along County Road 1002; 43 ft W. of centerline of Road 1002 at junction of dirt rd. SW.; 27 ft from apex of rd.; in concrete post; standard tablet stamped "P-1 30TH ENGRS 1963 350.0"</p> | | | |
| | | <p>SKETCH</p> | | | |
| DESCRIBED OR RECOVERED BY | | AGENCY | | DATE | |

P9 2