

208

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

CASTALIA QUADRANGLE
208 NORTH CAROLINA
N3600-47800/15
DIAGRAM NJ 17-12
GREENSBORO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Franklin, Nash, Halifax and Warren Counties

Final adjustment of 1971

Edition of 12/10/71

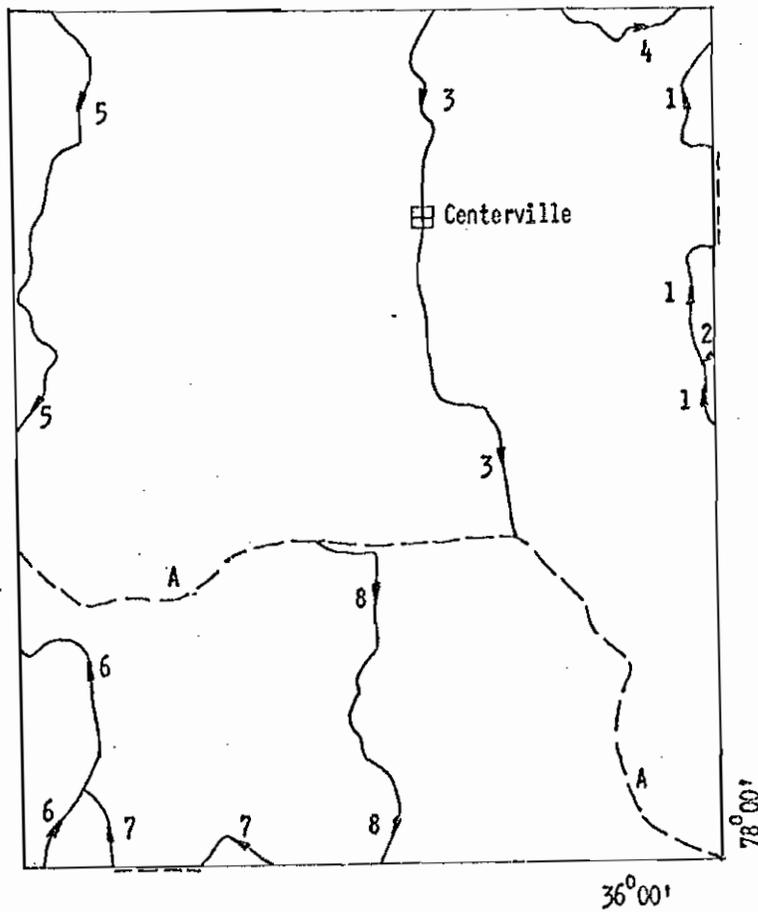
PR: GK/jyk

Only the permanent marks
are listed for lines
run more than 25 years
before edition date

NORLINA
(237)

LOUISBURG
(209)

ESSEX
(207)



SPRINGHOPE
(177)

NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 360782

CASTALIA QUADRANGLE

208
 N3600-W7800/15
 208 NORTH CAROLINA

INDEX OF PERMANENT MARKS

<u>MARK (USGS)</u>	<u>PAGE NO.</u>	<u>MARK (USGS)</u>	<u>PAGE NO.</u>
132 WSM 1955 287	3	41 MEA 1971 306	9
133 WSM 1955 259	3	57 MEA 1971 316	9
136 WSM 1955 170	3	61 MEA 1971 283	9 ✓
137 WSM 1955 265	3	62 MEA 1971 344	9
87 HLZ 1970	4	63 MEA 1971 349	9
88 HLZ 1970	4	64 MEA 1971 306	10
89 HLZ 1970	4	65 MEA 1971 227	10
90 HLZ 1970	5	66 MEA 1971 249	10
91 HLZ 1970	5	67 MEA 1971 332	10
92 HLZ 1970	5	68 MEA 1971 311	10
94 HLZ 1970	5	69 MEA 1971 311	10
95 HLZ 1970	6	70 MEA 1971 258	10
19 MEA 1971 407	6		
20 MEA 1971 397	6		
21 MEA 1971 332	6	<u>USED</u>	
22 MEA 1971 324	6		
23 MEA 1971 408	7	MON 142	3,3
24 MEA 1971 390	7		
25 MEA 1971 405	7	<u>N. C. GEODETIC SURVEY</u>	
26 MEA 1971 401	7		
27 MEA 1971 372	7	CENTERVILLE 1969	4
28 MEA 1971 360	7	LANCASTER 1969	4
29 MEA 1971 346	7		
36 MEA 1971 192 ✓	8	<u>NGS</u>	
37 MEA 1971 309	8		
38 MEA 1971 294 ✓	8	B 68 1934	5
39 MEA 1971 308	8	F 68 1934	9
40 MEA 1971 340	8	BUNH 1969 (AZ. MK.)	8,9

NGVD 29
 Elevations

208

3
CASTALIA
Book AV 424

NORTH CAROLINA

NGVD 29
Elevations

W. S. Monk

1955

LINE 1.

Feet

W. S. Monk, 1955; Book AV 424

Drake, 5.0 mi N. of; 3.4 mi W., thence 1.2 mi S. of Aventon; 20 ft E. of, level with, and in line with T-rd. W.; in concrete post; standard tablet stamped "132 WSM 1955 287" 286.719

Reference mark; 110 ft N. of tablet; in root on NW. side of 14-in. hickory tree; copper nail and washer 286.15

Aventon, 3.4 mi W. of; 80 ft S. and 30 ft E. of, and level with crossroads; in concrete post; on iron pipe; USED cap stamped "MON 142" 324.323

Reference mark; 140 ft S. of tablet; in root on W. side of 18-in. oak tree; copper nail and washer 323.52

U.E., White Swamp, 0.9 mi S. of; 350 ft N. of woods line W.; 18 ft W. of rd.; on concrete pipe culvert; chiseled cross 265.88

Aventon, 3.4 mi W. of, thence 2.2 mi N.; 20 ft W. of, and 1 ft above, and in line with T-rd. E.; 33 ft SE. of power pole; in concrete post; standard tablet stamped "133 WSM 1955 259" 259.020

Reference mark; 90 ft NE. of tablet; 100 ft N. and 28 ft E. of T-rd. E.; in root on NW. side of 10-in. hickory tree; rail spike 261.34

[Jogs into Essex-quadrangle]

Essex, 4.0 mi SW. of, along State Highway 561; 0.2 mi NE. of Fishing Creek; 220 ft NE. of, and 2 ft above junction of rd. NW.; 50 ft NW. of hwy.; in concrete post; standard tablet stamped "136 WSM 1955 170" (Reported not found, 1971) 169.987

Reference mark; 210 ft SW. of tablet; on E. end of concrete pipe culvert; chiseled cross 163.86

U.E., Essex, 4.0 mi SW. of, thence 1.4 mi NW.; 160 ft S. and 40 ft W. of, and 3 ft above junction of rd. W.; in root on E. side of 30-in. elm tree; copper nail and washer 232.36

Essex, 4.0 mi SW. of, along State Highway 561, thence 2.0 mi N.; 2.5 mi SW. of Bethlehem; 20 ft E. of, and 3 ft above junction of T-rd. W.; in concrete post; standard tablet stamped "137 WSM 1955 265" (Reported not found, 1971) 264.586

Reference mark; 0.2 mi N. of tablet; 35 ft W. of rd.; 50 ft W. of, and 2 ft above lane W.; in root on E. side of 16-in. oak tree; rail spike 266.74

LINE 2.

W. S. Monk, 1955; Book AV 424

"MON 142" (USED) (Described in line 1) 324.323

NGVD 29
Elevations

4
CASTALIA
Book AV 1574

NORTH CAROLINA

H. L. Zohn

1970

LINE 3.

Feet

H. L. Zohn, 1970; Book AV 1574

1	76	16.73	Centerville, 4.0 mi N. of junction of State Highways 58 and 561, along Highway 58; 26 ft SSE. of, and about 1 ft lower than centerline of hwy. at County Road 1627 NW.; 3 ft NW. of witness sign; in concrete post flush with ground; standard tablet stamped "87 HLZ 1970"	363.441
1	77	17.49	U.E., in centerline of hwy. at drive NE.; bottle cap and nail	318.51
1	78	18.10	Centerville, 2.5 mi N. of junction of State Highways 58 and 561, along Highway 58; 43 ft NW. of, and about 3 ft lower than centerline of hwy. at dirt rd. W.; 1 ft E. of witness sign; in concrete post projecting 0.2 ft.; standard tablet stamped "88 HLZ 1970"	292.598
1	80	19.10	Centerville, 1.5 mi N. of junction of State Highways 58 and 561, along Highway 58; at 45-ft concrete bridge over Shocco Creek; in top of S. end of W. guardrail base; standard tablet stamped "89 HLZ 1970"	198.954
2	6	19.50	U.E., in centerline of hwy. at County Road 1442 NW.; bottle cap and nail	271.59
2	7	20.23	U.E., in centerline of hwy. at drive E.; bottle cap and nail	318.98
2	8	20.57	Centerville, 0.05 mi E. of intersection of State Highways 58 and 561, along Highway 561 to first brick house; 225 ft N. of centerline of Highway 561; 98 ft NE. of NE. corner of one-story brick residence of Stanley Lancaster; 59 ft NE. of center of cover for well in backyard of house; 29 ft NE. of SE. corner of shop building with metal siding; 23 ft ENE. of lower N. corner of glass window in E. end of shop building; 3 ft S. of E. end post for board fence that extends E. of shop building; in concrete cylinder top of which is 0.2 ft below surface of ground; North Carolina Geodetic Survey traverse station disk stamped "LANCASTER 1969"	340.443
2	9	20.68	Centerville, 0.2 mi E. of intersection of State Highways 58 and 561, along Highway 561; 20 ft N. of centerline of Highway 561; across hwy. from W. side of driveway to one-story white frame house with green roof; midway between Lancaster Auto Sales and twin tobacco barns; 169 ft WSW. of SW. corner of southernmost of twin tobacco barns; 9 ft N. of N. edge of Highway 561; 112 ft ESE. of southernmost post for Pepsi-Cola and Jimmy's Grocery sign and with aluminum reference tag; 103 ft W. of 4- by 4-in. post with "Begin 45 MPH" sign on N. side of Highway 561 and with aluminum reference tag; 159 ft WSW. of telephone pedestal on N. side of Highway 561; in concrete cylinder top of which is 0.4 ft below surface of ground; NCGS standard traverse station disk stamped "CENTERVILLE 1969"	338.146
2	10	21.38	U.E., in centerline of hwy. at drive W.; bottle cap and nail	301.05
2	11	21.74	U.E., in centerline of hwy. at drain crossing; bottle cap and nail	231.24

NGVD 29
Elevations

5		CASTALIA	NORTH CAROLINA	H. L. Zohn	
		Book AV 1574		1970	
<u>LINE 3 (Cont'd.)</u>					<u>Feet</u>
2	12	22.39	Centerville, 1.6 mi S. of junction of State Highways 561 and 58, along Highway 58; at 88-ft concrete bridge over Sandy Creek; in top of N. end of W. guardrail; standard tablet stamped "90 HLZ 1970"		207.538
WL = 191 ft					
2	13	23.21	U.E., in junction of State Highway 58 and County Road 1449 W.; bottle cap and nail		286.25
2	14	23.57	U.E., in centerline of hwy. at drain crossing; bottle cap and nail		247.80
2	15	24.18	Castalia; 3.3 mi N. of junction of State Highways 56 and 58, along Highway 58; 104 ft WSW. of, and about 1 ft higher than junction of Highway 58 and County Road 1425; 2 ft N. of witness sign; in concrete post projecting 0.2 ft.; standard tablet stamped "91 HLZ 1970"		303.520
2	16	25.52	U.E., in junction of State Highway 58 and County Road 1463; bottle cap and nail		272.03
2	17	25.90	U.E., in centerline of 57-ft concrete bridge over Red Bud Creek; bottle cap and nail		213.51
WL = 200 ft					
2	18	26.33	Castalia, 1.2 mi N. of junction of State Highways 56 and 58, along Highway 58; 57 ft W. of, and about 4 ft higher than centerline of hwy. opposite; on H-frame powerline right-of-way; between two poles; 1 ft E. of witness sign; in concrete post projecting 0.2 ft.; standard tablet stamped "92 HLZ 1970"		282.113
2	19	27.54	U.E., in junction of State Highways 56 and 58; bottle cap and nail		315.91
2	20	27.79	"B 68 1934" (NGS)		319.061
<u>LINE 4.</u>					

H. L. Zohn, 1970; Book AV 1574

3	12	3.33	Inez, 3.1 mi E. and SE. of junction of State Highway 58 and County Road 1640, along Road 1640; at Fork Chapel Baptist Church; at NW. entrance at front of church; in SW. end of step; standard tablet stamped "94 HLZ 1970"		294.268
3	13	4.16	U.E., in junction of County Road 1640 and drive WSW.; bottle cap and nail		263.69

NGVD 29
Elevations

6

CASTALIA
Book AV 1574

NORTH CAROLINA

H. L. Zohn

1970

LINE 4 (Cont'd.)

Feet

3	14	4.62	Bethlehem, 2.7 mi W. and SW. of Mt. Bethel Baptist Church, along County Road 1640; 54 ft SSE. of, and about 1 ft lower than junction of county rd. and woods rd. NW.; 0.5 ft N. of witness sign; in concrete post projecting 0.2 ft.; standard tablet stamped "95 HLZ 1970"	174.553
3	15	4.73	U.E., in centerline of 140 ft wooden bridge over Fishing Creek; bottle cap and nail	172.44
3	16	5.40	U.E., in junction of County Road 1640 and drive NW.; bottle cap and nail	241.12
3	17	5.84	PANEL: K-11	269.89

LINE 5.

Richard L. Meador, 1971; Book AV 1606

1	32	1.76	U.E., in centerline of T-rd. SW.; copper nail and washer, painted "CL 417.1"	417.07
1	33	2.33	Kearney, 2.8 mi N. of, along U. S. Highway 401, thence 1.6 mi SE.; at junction of County Roads 1407 and 1410; 62 ft NE. and 83 ft SE. of, and 1.3 ft lower than T-rd. E.; 1.5 ft N. of power pole; 0.5 ft N. of metal witness post; in concrete post projecting 0.3 ft above ground; standard tablet stamped "19 MEA 1971 407", painted "BM 407.4"	407.371
1	34	3.40	Alert; 41 ft S. and 25 ft W. of, and 1 ft higher than centerline of T-rd. E.; 2 ft W. of power pole; 10.3 ft S. of Mountain Grove Church sign; in concrete post projecting 0.2 ft above ground; standard tablet stamped "20 MEA 1971 397", painted "BM 397.2"	397.124
1	35	4.20	Alert, 0.8 mi S. of, along County Road 1412; 31 ft E. of, and 1 ft higher than centerline of rd. opposite; at SW. corner of small field; 3 ft E. of N.-S. fence; 0.5 ft W. of metal witness post; in concrete post projecting 0.2 ft.; standard tablet stamped "21 MEA 1971 332", painted "BM 331.8"	331.780
1	36	4.81	U.E., in centerline of bridge over Sandy Creek; copper nail and washer, painted "CL 259.6"	259.53
1	37	5.43	Alert, 2.0 mi S. of, along County Road 1412; 2.7 mi SE. of Kearney, along County Road 1411; 36 ft N. and 138 ft W. of, and 2.8 ft lower than centerline of T-rd. NW.; 3 ft E. of power pole; 0.5 ft S. of metal witness post; in concrete post projecting 0.2 ft above ground; standard tablet stamped "22 MEA 1971 324", painted "BM 324.1"	324.093

NGVD 29
Elevations

7

CASALIA
Book AV 1606

NORTH CAROLINA

Richard L. Meador

1971

LINE 5 (Cont'd.)

Feet

1	38	5.78	U.E., in centerline of bridge over a small creek; copper nail and washer, painted "CL 263.8"	263.70
1	40	6.82	Alert, 3.4 mi S. of, along County Road 1412; at junction of County Roads 1412 and 1413; 198 ft N. and 74 ft W. of, and 1.5 ft higher than I-rd. W.; 9 ft N. of woods corner; 0.5 ft E. of metal witness post; in concrete post projecting 0.4 ft above ground; standard tablet stamped "23 MEA 1971 408", painted "BM 407.7"	407.624
1	41	7.59	Alert, 4.2 mi S. of, along County Road 1412; 0.9 mi E. of Moulton; at junction of County Roads 1412 and 1432; 88 ft N. and 50 ft W. of, and 3.3 ft lower than centerline of I-rd. N.; 2.5 ft SE. of power pole; 0.5 ft E. of metal witness post; in concrete post; standard tablet stamped "24 MEA 1971 390", painted "BM 390.0"	389.892
1	42	8.18	Moulton, 0.3 mi E. of, along County Road 1002; at junction of County Roads 1002 and 1412; 43 ft N. and 126 ft E. of, and 1.3 ft lower than centerline of I-rd. SE.; 2.5 ft SW. of power pole; 0.5 ft S. of metal witness post; in concrete post projecting 0.1 ft above ground; standard tablet stamped "25 MEA 1971 405", painted "BM 405.1"	405.012
1	43	9.20	Moulton, 1.3 mi SE. of, along County Road 1002; at junction of County Roads 1002 and 1418; 80 ft NW. and 35 ft SW. of, and about level with I-rd. SW.; 16 ft E. of power pole; 0.5 ft E. of metal witness post; in concrete post projecting 0.2 ft.; standard tablet stamped "26 MEA 1971 401", painted "BM 401.0"	400.934
1	44	10.04	Moulton, 2.1 mi SE. of, along County Road 1002; at junction of County Roads 1002 and 1430; 49 ft NW. and 84 ft SW. of, and 1.5 ft lower than centerline of crossroads; 1 ft S. of fence; 0.5 ft S. of metal witness post; in concrete post projecting 0.4 ft above ground; standard tablet stamped "27 MEA 1971 372", painted "BM 371.6"	371.532
1	45	10.96	Moulton, 2.1 mi SE. of, along County Road 1002, thence 0.9 mi SW. along County Road 1430; 97 ft S. and 39 ft W. of, and 2.6 ft lower than centerline of rd. at woods line SW.; 0.5 ft E. of metal witness post; in concrete post projecting 0.2 ft above ground; standard tablet stamped "28 MEA 1971 360", painted "BM 360.3"	360.180
1	46	11.70	Louisburg, 3.1 mi NE. of, along State Highway 561 from junction of U. S. Highway 401 and State Highway 561; at junction of State Highway 561 and County Road 1431; 52 ft N. and 71 ft W. of, and 5.0 ft higher than I-rd. N.; 18 ft S. of 42-in. pine tree; 0.5 ft SE. of metal witness post; in concrete post projecting 0.2 ft above ground; standard tablet stamped "29 MEA 1971 346", painted "BM 346.2"	346.066

[Jogs into Louisburg quadrangle]

8
CASTALIA
Book AV 1606

NORTH CAROLINA

NGVD 29
Elevations

Richard L. Meador

1971

LINE 6.

Feet

Richard L. Meador, 1971; Book AV 1606

1	58	0.90	Panel 36 A, Reference mark A; in centerline of rd. opposite panel	199.183
1	58	0.90	Bunn, 1.5 mi N. of, thence 1.9 mi NE. of, along County Road 1001; in SE. concrete wingwall of bridge over Tar River; standard tablet stamped "36 MEA 1971 192", painted "BM 192.2"	192.235
1	59	1.87	Bunn, 1.5 mi N. of, thence 2.9 mi NE. of, along County Road 1001; 62 ft SE. and 3.0 ft higher than centerline of rd. at drive S.; 2 ft N. of power pole; 0.5 ft NW. of metal witness post; in concrete post projecting 0.3 ft above ground; standard tablet stamped "37 MEA 1971 309", painted "BM 308.8"	308.797
1	60	2.88	Bunn, 1.5 mi N. of, thence 3.9 mi NE. of, along County Road 1001; at junction of County Roads 1001 and 1611; 106.5 ft SE. of SE. corner of Rogers Grocery; 35 ft W. of power pole; 38 ft S. and 3/4 ft E. of, and level with rd. junction; in concrete post; NGS standard azimuth mark disk stamped "BUNN 1969", painted "BM 328.2"	328.255
1	61	3.61	Panel 340; ground at center of panel	327.511
1	61	3.61	U.E., in centerline of Y-rds.; copper nail and washer, painted "CL 312.7"	312.73
1	62	4.16	Margaret, 0.5 mi N. of, along County Road 1001; at junction of County Roads 1001 and 1600; 27 ft N. and 3/4 ft W. of, and 2.4 ft lower than centerline of T-rd. W.; 8 ft W. of fence corner; 1 ft N. of fence; 0.5 ft E. of metal witness post; in concrete post projecting 0.1 ft above ground; standard tablet stamped "38 MEA 1971 294", painted "BM 294.1"	294.077
1	63	5.02	Margaret, 1.4 mi N. of, along County Road 1001; 18 ft N. and 44 ft E. of, and about level with centerline of rd. at drive E.; 1.5 ft N. of power pole; 0.5 ft W. of metal witness post; in concrete post projecting 0.3 ft.; standard tablet stamped "39 MEA 1971 308"	307.946
1	64	5.69	Margaret, 2.1 mi N. of, along County Road 1001; at junction of County Roads 1001 and 1601; 240 ft S. and 38 ft E. of, and 2.2 ft higher than T-rd. W.; 1.0 ft S. of power pole; 0.5 ft W. of metal witness post; in concrete post projecting 0.2 ft above ground; standard tablet stamped "40 MEA 1971 340", painted "BM 340.3"	340.355
1	65	6.39	U.E., in centerline of rd. at T-rd. N.; copper nail and washer, painted "CL 315.3"	315.27

9
CASTALIA
Book AV 1606

NORTH CAROLINA

NGVD 29
Elevations

Richard L. Meador

1971

LINE 6 (Cont'd.)

Feet

1 66 6.99 Louisburg, 0.6 mi E. of, along State Highway 56 from junction of U. S. Highway 401 and State Highway 56, thence 3.4 mi SE. of, along County Road 1600 and 1601; 41 ft S. and 160 ft W. of, and 6.0 ft lower than centerline of rd. at drive S.; 0.5 ft N. of metal witness post; in concrete post projecting 0.5 ft above ground; standard tablet stamped "41 MEA 1971 306" painted "BM 306.1" 306.159

[Joins into Louisburg quadrangle]

LINE 7.

Richard L. Meador, 1971; Book AV 1606

2 16 13.88 Peachtree Church, 3.3 mi W. of, along County Road 1320; 0.8 mi E. of Seven Paths; at junction of County Roads 1630 and 1629; 34 ft N. and 89 ft SW. of, and 0.8 ft higher than T-rd. SE.; 11 ft S. of large pine tree; 0.5 ft S. of metal witness post; in concrete post flush with ground; standard tablet stamped "57 MEA 1971 316", painted "BM 315.5" 315.484

[Joins into Springhope quadrangle]

2 21 17.43 Margaret, 0.7 mi S. of, along County Road 1001, thence 1.2 mi SE. along County Road 1611; 27 ft S. and 32 ft W. of, and lower than centerline of rd. at short woods line W.; 56 ft S. of ditch line W.; in concrete post projecting 0.2 ft above ground; standard tablet stamped "61 MEA 1971 283", painted "BM 282.9" 282.846

2 22 18.50 "BUNN 1969" (NGS) (Azimuth mark) (Described in line 6) 328.255

LINE 8.

Richard L. Meador, 1971; Book AV 1606

2 25 0.00 "F 68 1934" (NGS) 335.790

2 25 0.90 Cedar Rock Church, 204 ft N. of NW. corner of church; 6 ft N. of power pole; 471 ft N. and 57 ft E. of, and about level with centerline of State Highway 56 and County Road 1467; 0.5 ft W. of metal witness post; in concrete post projecting 0.2 ft above ground; standard tablet stamped "62 NEA 1971 344", painted "BM 343.6" 343.626

2 26 1.98 Panel 44; Reference point centerline of rd. opposite panel 349.98

2 26 1.98 Cedar Rock Church, 1.0 mi E. of, along State Highway 56; at junction of State Highway 56 and County Road 1617; 188 ft S. and 30 ft W. of, and 1 ft lower than T-rd. S.; 1 ft S. of E.-W. fence; 0.5 ft E. of metal witness post; in concrete post flush with ground; standard tablet stamped "63 NEA 1971 349", painted "BM 348.5" 348.534

10	CASTALIA	NGVD 29	NORTH CAROLINA	Richard L. Meador
Book AV 1606		Elevations		1971
<u>LINE 8 (Cont'd.)</u>				<u>Feet</u>
2 27	3.03	Cedar Rock Church, 1.0 mi E. of, along State Highway 56, thence 1.1 mi S. along County Road 1617; 83 ft NW. of NW. corner of white wood church; 121 ft N. and 24 ft E. of, and 4.0 ft lower than centerline of rd. at drive W.; 2 ft E. of power pole; 0.5 ft W. of metal witness post; in concrete post flush with ground; standard tablet stamped "64 MEA 1971 306", painted "BM 305.5"		305.493
2 28	4.07	Cedar Rock Church, 1.0 mi E. of, along State Highway 56, thence 2.1 mi S. of, along County Road 1617; 145 ft W. of centerline of bridge over Peachtree Creek; 55 ft S. of centerline of Road 1617; 0.5 ft N. of metal witness post; in concrete post projecting 0.1 ft above ground; standard tablet stamped "65 MEA 1971 227", painted "BM 226.7"		226.760
2 29	5.02	Cedar Rock Church, 1.0 mi E. of, along State Highway 56, thence 3.0 mi S. of, along County Road 1617; 129 ft N. and 45 ft W. of, and 5.1 ft higher than centerline of bridge; 2 ft N. of power pole; 0.5 ft E. of metal witness post; in concrete post projecting 0.2 ft above ground; standard tablet stamped "66 MEA 1971 249", painted "BM 249.2"		249.228
2 30	5.79	Edwards Crossroads, 2.9 mi NW. of; 0.9 mi NW. of Franklin-Nash County line; 433 ft N. and 45 ft W. of, and 1.8 ft higher than junction of County Roads 1639 and 1617; 0.5 ft E. of metal witness post; in concrete post projecting 0.2 ft above ground; standard tablet stamped "67 MEA 1971 332", painted "BM 332.1"		332.100
2 31	6.79	Edwards Crossroads, 2.0 mi NW. of; 40 ft N. and 118 ft W. of, and 1.5 ft higher than centerline of rd. at Nash and Franklin County line sign; 3 ft N. of power pole; 0.5 ft S. of metal witness post; in concrete post set flush with ground; standard tablet stamped "68 MEA 1971 311", painted "BM 310.9"		310.884
2 32	7.60	Mays Crossroads; 1.2 mi NW. of Edwards Crossroads; 2.0 mi N. of Peachtree Church; 50 ft S. and 64 ft W. of, and 1.5 ft higher than centerline of crossroads; 4.5 ft N. of cedar tree; 0.5 ft E. of metal witness post; in concrete post projecting 0.1 ft above ground; standard tablet stamped "69 MEA 1971 311", painted "BM 310.8"		310.824
2 33	8.68	Mays Crossroads, 1.1 mi S. of; 1.0 mi N. of Peachtree Church; 200 ft N. and 32 ft W. of, and 7.4 ft higher than centerline of rd. at drive W.; 2 ft N. of power pole; 0.5 ft E. of metal witness post; in concrete post projecting 0.2 ft above ground; standard tablet stamped "70 MEA 1971 258", painted "BM 257.8"		257.772

5/2000 Recoveries

208

3
CASTALIA
Book AV 424

NORTH CAROLINA

NGVD 29
Elevations

W. S. Monk

1955

LINE 1.

Feet

W. S. Monk, 1955; Book AV 424

EAST OF SR-1004 @ SR-1405

✓ Drake, 5.0 mi N. of; 3.4 mi W., thence 1.2 mi S. of Aventon; 20 ft E. of, level with, and in line with I-rd. W.; in concrete post; standard tablet stamped "132 WSM 1955 287" ✓ 286.719

MAY 16, 2000 - UPRIGHT BUT LOOSE IN GROUND - NO GPS (TREES) PROJECTS 10 INCHES - ABOUT LEVEL W/ SR-1004
Reference mark; 110 ft N. of tablet; in root on NW. side of 14-in. hickory tree; copper nail and washer 286.15

X Aventon, 3.4 mi W. of; 80 ft S. and 30 ft E. of, and level with crossroads; in concrete post; on iron pipe; USED cap stamped "MGN 142" MAY 16, 2000 - NOT FOUND - BELIEVED LOST TO HWY IMPROV. - REF AREA FALLS IN ROAD PITCH 324.323

Reference mark; 140 ft S. of tablet; in root on W. side of 18-in. oak tree; copper nail and washer 323.52

U.E., White Swamp, 0.9 mi S. of; 350 ft N. of woods line W.; 18 ft W. of rd.; on concrete pipe culvert; chiseled cross 265.88

Aventon, 3.4 mi W. of, thence 2.2 mi N.; 20 ft W. of, and 1 ft above, and in line with I-rd. E.; 33 ft SE. of power pole; in concrete post; standard tablet stamped "133 WSM 1955 259" 259.020

Reference mark; 90 ft NE. of tablet; 100 ft N. and 28 ft E. of I-rd. E.; in root on NW. side of 10-in. hickory tree; rail spike 261.34

[Jogs into Essex-quadrangle]

Essex, 4.0 mi SW. of, along State Highway 561; 0.2 mi NE. of Fishing Creek; 220 ft NE. of, and 2 ft above junction of rd. NW.; 50 ft NW. of hwy.; in concrete post; standard tablet stamped "136 WSM 1955 170" (Reported not found, 1971) 169.987

Reference mark; 210 ft SW. of tablet; on E. end of concrete pipe culvert; chiseled cross 163.86

U.E., Essex, 4.0 mi SW. of, thence 1.4 mi NW.; 160 ft S. and 40 ft W. of, and 3 ft above junction of rd. W.; in root on E. side of 30-in. elm tree; copper nail and washer 232.35

Essex, 4.0 mi SW. of, along State Highway 561, thence 2.0 mi N.; 2.5 mi SW. of Bethlehem; 20 ft E. of, and 3 ft above junction of I-rd. W.; in concrete post; standard tablet stamped "137 WSM 1955 265" (Reported not found, 1971) 264.586

Reference mark; 0.2 mi N. of tablet; 35 ft W. of rd.; 50 ft W. of, and 2 ft above lane W.; in root on E. side of 16-in. oak tree; rail spike 266.74

LINE 2.

W. S. Monk, 1955; Book AV 424

"MGN 142" (USED) (Described in line 1) 324.323

4
CASTALIA
Book AV 1574

NORTH CAROLINA

H. L. Zohn

1970

LINE 3.

feet

H. L. Zohn, 1970; Book AV 1574

1	76	16.73	Centerville, 4.0 mi N. of junction of State Highways 58 and 561, along Highway 58; 26 ft SSE. of, and about 1 ft lower than centerline of hwy. at County Road 1627 NW.; 3 ft NW. of witness sign; in concrete post flush with ground; standard tablet stamped "87 HLZ 1970"	363.441
1	77	17.49	<i>14.5' NNW OF POWER POLE (147 5 13) W/TWO GUY WIRES & TAG</i> U.E., in centerline of hwy. at drive NE.; bottle cap and nail	318.51
1	78	18.10	<i>12.0' ESE OF A 16-INCH OAK W/TAG</i> Centerville, 2.5 mi N. of junction of State Highways 58 and 561, along Highway 58; 18 ft NW. of, and about 3 ft lower than centerline of hwy. at dirt rd. W.; 1 ft E. of witness sign; in concrete post projecting 0.2 ft.; standard tablet stamped "88 HLZ 1970" <i>5/17-00 - GOOD - FAIR GPS</i>	292.598
1	80	19.10	Centerville, 1.5 mi N. of junction of State Highways 58 and 561, along Highway 58; at 45-ft concrete bridge over Shocco Creek; in top of S. end of W. guardrail base; standard tablet stamped "89 HLZ 1970" <i>MAY 17, 2000 - GOOD IN TOP OF 3 1/2' HIGH CONC RAIL POOR GPS</i>	198.954
2	6	19.50	U.E., in centerline of hwy. at County Road 1442 NW.; bottle cap and nail	271.59
2	7	20.23	U.E., in centerline of hwy. at drive E.; bottle cap and nail	318.98
2	8	20.57	Centerville, 0.05 mi E. of intersection of State Highways 58 and 561, along Highway 561 to first brick house; 225 ft N. of centerline of Highway 561; 98 ft NE. of NE. corner of one-story brick residence of Stanley Lancaster; 59 ft NE. of center of cover for well in backyard of house; 29 ft NE. of SE. corner of shop building with metal siding; 23 ft ENE. of lower N. corner of glass window in E. end of shop building; 3 ft S. of E. end post for board fence that extends E. of shop building; in concrete cylinder top of which is 0.2 ft below surface of ground; North Carolina Geodetic Survey traverse station disk stamped "LANCASTER 1969"	340.443
2	9	20.68	Centerville, 0.2 mi E. of intersection of State Highways 58 and 561, along Highway 561; 20 ft N. of centerline of Highway 561; across hwy. from W. side of driveway to one-story white frame house with green roof; midway between Lancaster Auto Sales and twin tobacco barns; 169 ft WSW. of SW. corner of southernmost of twin tobacco barns; 9 ft N. of N. edge of Highway 561; 112 ft ESE. of southernmost post for Pepsi-Cola and Jimmy's Grocery sign and with aluminum reference tag; 103 ft W. of 4- by 4-in. post with "Begin 45 MPH" sign on N. side of Highway 561 and with aluminum reference tag; 159 ft WSW. of telephone pedestal on N. side of Highway 561; in concrete cylinder top of which is 0.4 ft below surface of ground; NCGS standard traverse station disk stamped "CENTERVILLE 1969"	333.146
2	10	21.38	U.E., in centerline of hwy. at drive W.; bottle cap and nail	301.05
2	11	21.74	U.E., in centerline of hwy. at drain crossing; bottle cap and nail	231.24

NGVD 29
Elevations

5
CASTALIA
Book AV 1574

NORTH CAROLINA

H. L. Zohn

1970

LINE 3 (Cont'd.)

Feet

2	12	22.39	Centerville, 1.6 mi S. of junction of State Highways 561 and 58, along Highway 58; at 88-ft concrete bridge over Sandy Creek; in top of N. end of W. guardrail; standard tablet stamped "90 HLZ 1970" <i>MAY 17, 2000 - DESTROYED - BRIDGE REPLACED WL = 191 ft IN 1999</i>	207.538
2	13	23.21	U.E., in junction of State Highway 58 and County Road 1449 W.; bottle cap and nail	286.25
2	14	23.57	U.E., in centerline of hwy. at drain crossing; bottle cap and nail	247.80
2	15	24.18	Castalia; 3.3 mi N. of junction of State Highways 56 and 58, along Highway 58; 104 ft WSW. of, and about 1 ft higher than junction of Highway 58 and County Road 1425; 2 ft N. of witness sign; in concrete post projecting 0.2 ft.; standard tablet stamped "91 HLZ 1970" <i>5/17-00 - DESTROYED BASE OF MON W/TOP & DISK GONE FOUND @ REF SITE - DISK NOT FOUND</i>	303.520
2	16	25.52	U.E., in junction of State Highway 58 and County Road 1463; bottle cap and nail	272.03
2	17	25.90	U.E., in centerline of 57-ft concrete bridge over Red Bud Creek; bottle cap and nail WL = 200 ft	213.51
2	18	26.33	Castalia, 1.2 mi N. of junction of State Highways 56 and 58, along Highway 58; 57 ft W. of, and about 4 ft higher than centerline of hwy. opposite; on H-frame powerline right-of-way; between two poles; 1 ft E. of witness sign; in concrete post projecting 0.2 ft.; standard tablet stamped "92 HLZ 1970" <i>5/17-00 - DESTROYED - FOUND BASE OF MON W/TOP & DISK GONE - DISK NOT FOUND</i>	282.113
2	19	27.54	U.E., in junction of State Highways 56 and 58; bottle cap and nail	315.91
2	20	27.79	"B 68 1934" (NGS) <i>GOOD - SEE SEPARATE RECOVERY - 5/16-00</i>	319.051

LINE 4.

H. L. Zohn, 1970; Book AV 1574

3	12	3.33	Inez, 3.1 mi E. end SE. of junction of State Highway 58 and County Road 1640, along Road 1640; at Fork Chapel Baptist Church; at NW. entrance at front of church; in SW. end of step; standard tablet stamped "94 HLZ 1970"	294.268
3	13	4.16	U.E., in junction of County Road 1640 and drive WSW.; bottle cap and nail	263.69

NGVD 29
Elevations

6
CASTALIA
Book AV 1574

NORTH CAROLINA

H. L. Zohn

1970

LINE 4 (Cont'd.)

Feet

3	14	4.62	Bethlehem, 2.7 mi W. and SW. of Mt. Bethel Baptist Church, along County Road 1640; 54 ft SSE. of, and about 1 ft lower than junction of county rd. and woods rd. NW.; 0.5 ft N. of witness sign; in concrete post projecting 0.2 ft.; standard tablet stamped "95 HLZ 1970"	174.553
3	15	4.73	U.E., in centerline of 140 ft wooden bridge over Fishing Creek; bottle cap and nail	172.44
3	16	5.40	U.E., in junction of County Road 1640 and drive NW.; bottle cap and nail	241.12
3	17	5.84	PANEL: K-11	269.89

LINE 5.

Richard L. Meador, 1971; Book AV 1606

1	32	1.76	U.E., in centerline of T-rd. SW.; copper nail and washer, painted "CL 417.1"	417.07
1	33	2.33	Kearney, 2.8 mi N. of, along U. S. Highway 401, thence 1.6 mi SE.; at junction of County Roads 1407 and 1410; 62 ft NE. and 83 ft SE. of, and 1.3 ft lower than T-rd. E.; 1.5 ft N. of power pole; 0.5 ft N. of metal witness post; in concrete post projecting 0.3 ft above ground; standard tablet stamped "19 MEA 1971 407", painted "EM 407.4"	407.371

5/22-00 MON REINFORCED WITH CONC. COLLAR - DISK WAS NOT DISTURBED.

1	34	3.40	^{3 1/2} Alert; 41 ft S. and 25 ft W. of, and 1 ft higher than centerline of T-rd. E.; 2 ft W. of power pole; 10.3 ft S. of Mountain Grove Church sign; in concrete post projecting 0.2 ft above ground; standard tablet stamped "20 MEA 1971 397", painted "EM 397.2"	397.124
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Keyed ✓

1	35	4.20	Alert, 0.8 mi S. of, along County Road 1412; 31 ft E. of, and 1 ft higher than centerline of rd. opposite; at SW. corner of small field; 3 ft E. of N. S. fence; 0.5 ft W. of metal witness post; in concrete post projecting 0.2 ft.; standard tablet stamped "21 MEA 1971 352", painted "EM 351.8"	351.780
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1	36	4.81	U.E., in centerline of bridge over Sandy Creek; copper nail and washer, painted "CL 259.6"	259.53
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1	37	5.43	Alert, 2.0 mi S. of, along County Road 1412; 2.7 mi SE. of Kearney, along County Road 1411; 36 ft N. and 138 ft W. of, and 2.8 ft lower than centerline of T-rd. NW.; 3 ft E. of power pole; 0.5 ft S. of metal witness post; in concrete post projecting 0.2 ft above ground; standard tablet stamped "22 MEA 1971 324", painted "EM 324.1"	324.093
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Keyed ✓

MAY 15, 2000 - GOOD - GOOD GPS

NGVD 29
Elevations

7
CASTALIA
Book AV 1606

NORTH CAROLINA

Richard L. Meador

1971

LINE 5 (Cont'd.)

Feet

1	38	5.78	U.F., in centerline of bridge over a small creek; copper nail and washer, painted "CI 263.8"	263.70
1	40	6.82	Alert, 3.4 mi S. of, along County Road 1412; at junction of County Roads 1412 and 1413; 198 ft N. and 74 ft W. of, and 1.5 ft higher than I-rd. W.; 9 ft N. of woods corner; 0.5 ft E. of metal witness post; in concrete post projecting 0.4 ft above ground; standard tablet stamped "23 MEA 1971 408", painted "BM 407.7" <i>5/15-00 - GOOD - NO GPS (TREES)</i>	407.624
1	41	7.59	Alert, 4.2 mi S. of, along County Road 1412; 0.9 mi E. of Moulton; at junction of County Roads 1412 and 1432; 88 ft N. and 59 ft W. of, and 3.3 ft lower than centerline of I-rd. N.; 2.5 ft SE. of power pole; 0.5 ft E. of metal witness post; in concrete post; standard tablet stamped "24 MEA 1971 390", painted "BM 390.0" <i>5/15-00 - NOT FOUND BELIEVED LOST TO YARD IMPROVEMENTS</i>	389.892
1	42	8.18	Moulton, 0.3 mi E. of, along County Road 1002; at junction of County Roads 1002 and 1412; 43 ft N. and 126 ft E. of, and 1.3 ft lower than centerline of I-rd. SE.; 2.5 ft SW. of power pole; 0.5 ft S. of metal witness post; in concrete post projecting 0.1 ft above ground; standard tablet stamped "25 MEA 1971 405", painted "BM 405.1" <i>5/15-00 NOT FOUND BELIEVED LOST TO BACK SLOPE IMPROVEMENTS (NOW FLD)</i>	405.012
1	43	9.20	Moulton, 1.3 mi SE. of, along County Road 1002; at junction of County Roads 1002 and 1418; 80 ft NW. and 35 ft SW. of, and about level with I-rd. SW.; 16 ft E. of power pole; 0.5 ft E. of metal witness post; in concrete post projecting 0.2 ft.; standard tablet stamped "26 MEA 1971 401", painted "BM 401.0" <i>5/15-00 - GOOD - FAIR GPS</i>	400.934
1	44	10.04	Moulton, 2.1 mi SE. of, along County Road 1002; at junction of County Roads 1002 and 1430; 49 ft NW. and 84 ft SW. of, and 1.5 ft lower than centerline of crossroads; 1 ft S. of fence; 0.5 ft S. of metal witness post; in concrete post projecting 0.4 ft above ground; standard tablet stamped "27 MEA 1971 372", painted "BM 371.6" <i>5/15-00 GOOD - GOOD GPS</i>	371.532
1	45	10.96	Moulton, 2.1 mi SE. of, along County Road 1002, thence 0.9 mi SW. along County Road 1430; 97 ft S. and 39 ft W. of, and 2.6 ft lower than centerline of rd. at woods line SW.; 0.5 ft E. of metal witness post; in concrete post projecting 0.2 ft above ground; standard tablet stamped "28 MEA 1971 360", painted "BM 360.3"	360.180
1	46	11.70	Louisburg, 3.1 mi NE. of, along State Highway 561 from junction of U. S. Highway 401 and State Highway 561; at junction of State Highway 561 and County Road 1431; 52 ft N. and 71 ft W. of, and 5.0 ft higher than I-rd. N.; 18 ft S. of 42-in. pine tree; 0.5 ft SE. of metal witness post; in concrete post projecting 0.2 ft above ground; standard tablet stamped "29 MEA 1971 346", painted "BM 346.2"	346.066

[Jogs into Louisburg quadrangle]

9
CASTALIA
Book AV 1606

NORTH CAROLINA
NGVD 29
Elevations

Richard L. Meador
1971

LINE 6 (Cont'd.)

Feet

1 66 6.99 Louisburg, 0.6 mi E. of, along State Highway 56 from junction of U. S. Highway 401 and State Highway 56, thence 3.4 mi SE. of, along County Road 1600 and 1601; 41 ft S. and 160 ft W. of, and 6.0 ft lower than centerline of rd. at drive S.; 0.5 ft N. of metal witness post; in concrete post projecting 0.5 ft above ground; standard tablet stamped "41 MEA 1971 306" painted "BM 306.1" 306.159

[Joags into Louisburg quadrangle]
LINE 7.

Richard L. Meador, 1971; Book AV 1606

2 16 13.88 Peachtree Church, 3.3 mi W. of, along County Road 1320; 0.8 mi E. of Seven Paths; at junction of County Roads 1630 and 1629; 34 ft N. and 89 ft SW. of, and 0.8 ft higher than I-rd. SE.; 11 ft S. of large pine tree; 0.5 ft S. of metal witness post; in concrete post flush with ground; standard tablet stamped "57 MEA 1971 316", painted "BM 315.5" 315.484

[Joags into Springhope quadrangle]

2 21 17.43 Margaret, 0.7 mi S. of, along County Road 1001, thence 1.2 mi SE. along County Road 1611; 27 ft S. and 32 ft W. of, and lower than centerline of rd. at short woods line W.; 56 ft S. of ditch line W.; in concrete post projecting 0.2 ft above ground; standard tablet stamped "61 MEA 1971 283", painted "BM 282.9" 282.846

2 22 18.50 "BURN 1969" (HGS) (Azimuth mark) (Described in line 6) 328.255

LINE 8.

Richard L. Meador, 1971; Book AV 1606

2 25 0.00 "F 68 1934" (RGS) 335.790

2 25 0.90 Cedar Rock Church, 204 ft N. of NW. corner of church; 6 ft N. of power pole; 471 ft N. and 57 ft E. of, and about level with centerline of State Highway 56 and County Road 1467; 0.5 ft W. of metal witness post; in concrete post projecting 0.2 ft above ground; standard tablet stamped "62 MEA 1971 344", painted "BM 343.6" MAY 17, 2000 - 343.626

2 26 1.98 Panel 44; Reference point centerline of rd. opposite panel MON/DISK NOT FOUND 349.98

2 26 1.98 Cedar Rock Church, 1.0 mi E. of, along State Highway 56; at junction of State Highway 56 and County Road 1617; 188 ft S. and 30 ft W. of, and 1 ft lower than I-rd. S.; 1 ft S. of E. W. fence; 0.5 ft E. of metal witness post; in concrete post flush with ground; standard tablet stamped "63 MEA 1971 349", painted "BM 348.5" 348.534

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Kayed

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MAY 17, 2000 - GOOD - VERY GOOD GPS

1971

LINE 8 (Cont'd.)Feet

2	27	3.03	Cedar Rock Church, 1.0 mi E. of, along State Highway 56, thence 1.1 mi S. along County Road 1617; 83 ft NW. of NW. corner of white wood church; 121 ft N. and 24 ft E. of, and 4.0 ft lower than centerline of rd. at drive W.; 2 ft E. of power pole; 0.5 ft W. of metal witness post; in concrete post flush with ground; standard tablet stamped "64 MEA 1971 306", painted "BM 305.5"	305.493
2	28	4.07	Cedar Rock Church, 1.0 mi E. of, along State Highway 56, thence 2.1 mi S. of, along County Road 1617; 145 ft W. of centerline of bridge over Peachtree Creek; 55 ft S. of centerline of Road 1617; 0.5 ft N. of metal witness post; in concrete post projecting 0.1 ft above ground; standard tablet stamped "65 MEA 1971 227", painted "BM 226.7"	226.760
2	29	5.02	Cedar Rock Church, 1.0 mi E. of, along State Highway 56, thence 3.0 mi S. of, along County Road 1617; 129 ft N. and 45 ft W. of, and 5.1 ft higher than centerline of bridge; 2 ft N. of power pole; 0.5 ft E. of metal witness post; in concrete post projecting 0.2 ft above ground; standard tablet stamped "66 MEA 1971 249", painted "BM 249.2"	249.228
2	30	5.79	Edwards Crossroads, 2.9 mi NW. of; 0.9 mi NW. of Franklin-Nash County line; 433 ft N. and 45 ft W. of, and 1.8 ft higher than junction of County Roads 1639 and 1617; 0.5 ft E. of metal witness post; in concrete post projecting 0.2 ft above ground; standard tablet stamped "67 MEA 1971 332", painted "BM 332.1"	332.100
2	31	6.79	Edwards Crossroads, 2.0 mi NW. of; 40 ft N. and 118 ft W. of, and 1.5 ft higher than centerline of rd. at Nash and Franklin County line sign; 3 ft N. of power pole; 0.5 ft S. of metal witness post; in concrete post set flush with ground; standard tablet stamped "68 MEA 1971 311", painted "BM 310.9"	310.884
2	32	7.60	Mays Crossroads; 1.2 mi NW. of Edwards Crossroads; 2.0 mi N. of Peachtree Church; 50 ft S. and 64 ft W. of, and 1.5 ft higher than centerline of crossroads; 4.5 ft N. of cedar tree; 0.5 ft E. of metal witness post; in concrete post projecting 0.1 ft above ground; standard tablet stamped "69 MEA 1971 311", painted "BM 310.8"	310.824
2	33	8.68	Mays Crossroads, 1.1 mi S. of; 1.0 mi N. of Peachtree Church; 200 ft N. and 32 ft W. of, and 7.4 ft higher than centerline of rd. at drive W.; 2 ft N. of power pole; 0.5 ft E. of metal witness post; in concrete post projecting 0.2 ft above ground; standard tablet stamped "70 MEA 1971 258", painted "BM 257.8"	257.772