ONSLOW Beach Water Tank

N
302, 298.77

E
2,519,521.37

30,183,611.25
302,298.77
(29,881,312.48)^2 + (519,521.37)^2 =

892 892 835 527 403.7504
269 902 453 886.6769

2 | 893,162,737,981,290.4273 | 29,885,828.38
4
49 | 493
441
588 | 5216
4704
5968 | 51227
47744
59765 | 348337
298825
59770.8 | 4951298
4771664
5977162 | 16863412
11954324
59771648 | 4909088890
4781773184
5977165562 | 1273570642
1195433124
59771656.49 | 78137518.73
95790341

886,394 27
885,828.38
565.89
101.08900

Lat. 34° 34' 05.5979"

0173835 3
0173797 0
0383
485

519,521.37 / 29,885,828.38 = 0.01738353 =
0°59'45.7897"

1°00' 61 01.5456"
0°59' 45.7897
15.7559
.57717077

LONG. 77° 16' 27.2985"

CAMP LEJEUNE, N. C. PUBLIC WORKS DEPARTMENT

DESIGN DIVISION

PROJECT NO. _____ SUBJECT _____

DESIGN BY _____ CHECK BY _____ DATE _____ SHEET _____ OF _____

Conversion from N.C. Grid to Geodetic Position

Capehart 300,000 Gal. Water Tank.

N 352,741.02 E 2,495,789.40

$R = \sqrt[2]{(x)^2 + (y)^2}$

$= \sqrt{495,789.40^2 + 29,830,870.23^2}$

$=$

$R = 29,834,989.96$

30,183,611.25
352,741.02
29,830,870.23

Lat. = 34° 42' 28.5058"

$\sin x' = \frac{495,789.40}{29,834,989.96}$

$= .01661772$

$= 00° 57' 07.8082"$

$=$

Long. = 77° 21' 01.0156"

CAMP LEJEUNE, N. C.

PUBLIC WORKS DEPARTMENT

DESIGN DIVISION

PROJECT NO. _____ SUBJECT _____

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CAMP LEJEUNE, N. C. PUBLIC WORKS DEPARTMENT

DESIGN DIVISION

PROJECT NO. _____ SUBJECT _____

DESIGN BY _____ CHECK BY _____ DATE _____ SHEET _____ OF _____

Conversion from N.C. State Grid to Geodetic

U.S.M.C. Mon. #58 at Intersection of N.C. #172 and Bean Cr. Road

38.72

N 334,267.65 E 2,532,403.64

30,183,611.25
334,267.65
29,849,343.60

$$R = \sqrt{(x')^2 + (y')^2}$$
$$= \sqrt{532,403.64^2 + 29,849,343.60^2}$$
$$= \sqrt{891,266,766,986,746.2096}$$
$$= 29,854,091.29$$

Lat. 34° 39' 19.5500"

$$\sin X' = \frac{532,403.64}{29,854,091.29}$$
$$= .01783352$$
$$= 1°01'18.6227"$$

Long. = 77° 13' 46.4570"

CAMP LEJEUNE, N. C. PUBLIC WORKS DEPARTMENT

DESIGN DIVISION

1987 B.H. [illegible]

PROJECT NO. _____ SUBJECT _____

DESIGN BY _____ CHECK BY _____ DATE _____ SHEET _____ OF _____

Conversion from N.C. State Grid to Geodetic Position
Water Tank at Geiger - Old Tent Camp #1

N 361,948.98 E 2,465,532.87

30,183,611.25
361,948.98
29,821,662.27

$R = \sqrt[2]{(x')^2 + (y')^2}$
$= 29{,}821{,}662.27^2 + 465{,}532.87^2$
$= 29{,}825{,}295.66$

Lat. = 34° 44' 04.4046"

$\sin x' = \frac{465{,}532.87}{29{,}825{,}295.66}$

$= .01560866$

$= 00° 53' 39.6474"$

Long. = 77° 27' 01.6728"