

VALUABLE

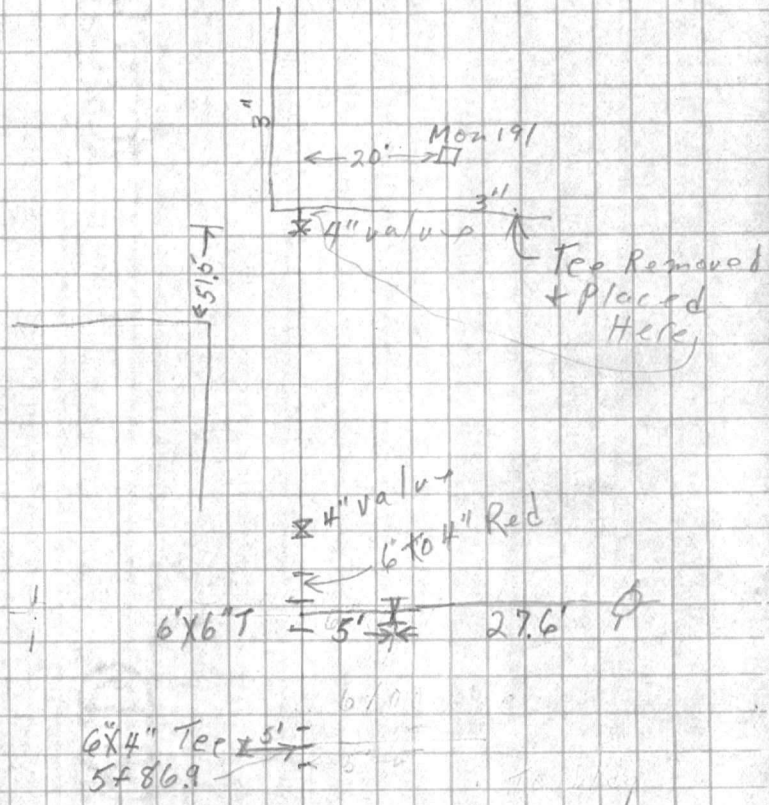
SUBJECT Loc. Water Lines to
Field House & Football Field

Return To
 Public Works
 Office
 Camp Lejeune
 North Carolina

FIELD PARTY
Turkington In Charge
 Instrument _____
 Notes _____
 Tape Read _____
 Tape or Rod _____
 Tape or Rod _____
 ment No. _____
 Tape No. _____

WEATHER
 Clear _____
 Cloudy _____
 Windy _____
 Rain _____
 Fair _____
 Snow _____
 Hot _____
 Moderate _____
 Cold _____
 Fog _____
 FILE No. 160-G
 Fldr. No. _____
 Sheet #6
 Date 9/8 1949
 Figured By _____
 Notes Checked By _____
 Plotted By _____
 Quad. No. _____

| Station | Dist. | Angle | H. I. Bearing | Ver: Ang. Diff. | Elevation |
|----------|-------|---|---------------|-----------------|-----------|
| Mon #191 | | | | | 28.32 |
| | | 3.60 | 31.92 | | |
| 5+86.9 | | 6"X4" Tee to Bldg | 6.85 | | 25.07 |
| 6+09.7 | | 6"X6" Tee to F.H. | 7.00 | | 24.9 |
| 6+11 | | 6" to 4" Reduct | Begin | | |
| 6+13.6 | | | Ends | | |
| 6+15.8 | | 4" valve | | | |
| +46.7 | | Bldg Line | 6.80 | | |
| 75' | | | 6.12 | | |
| 98.1 | | 4" Valve with T Behind with 3" line out | Right | | |
| Mon #191 | | | 3.60 | | |



ATTACHED

Page No.
Date
Time
Place

SUBJECT

Station

Date

Time

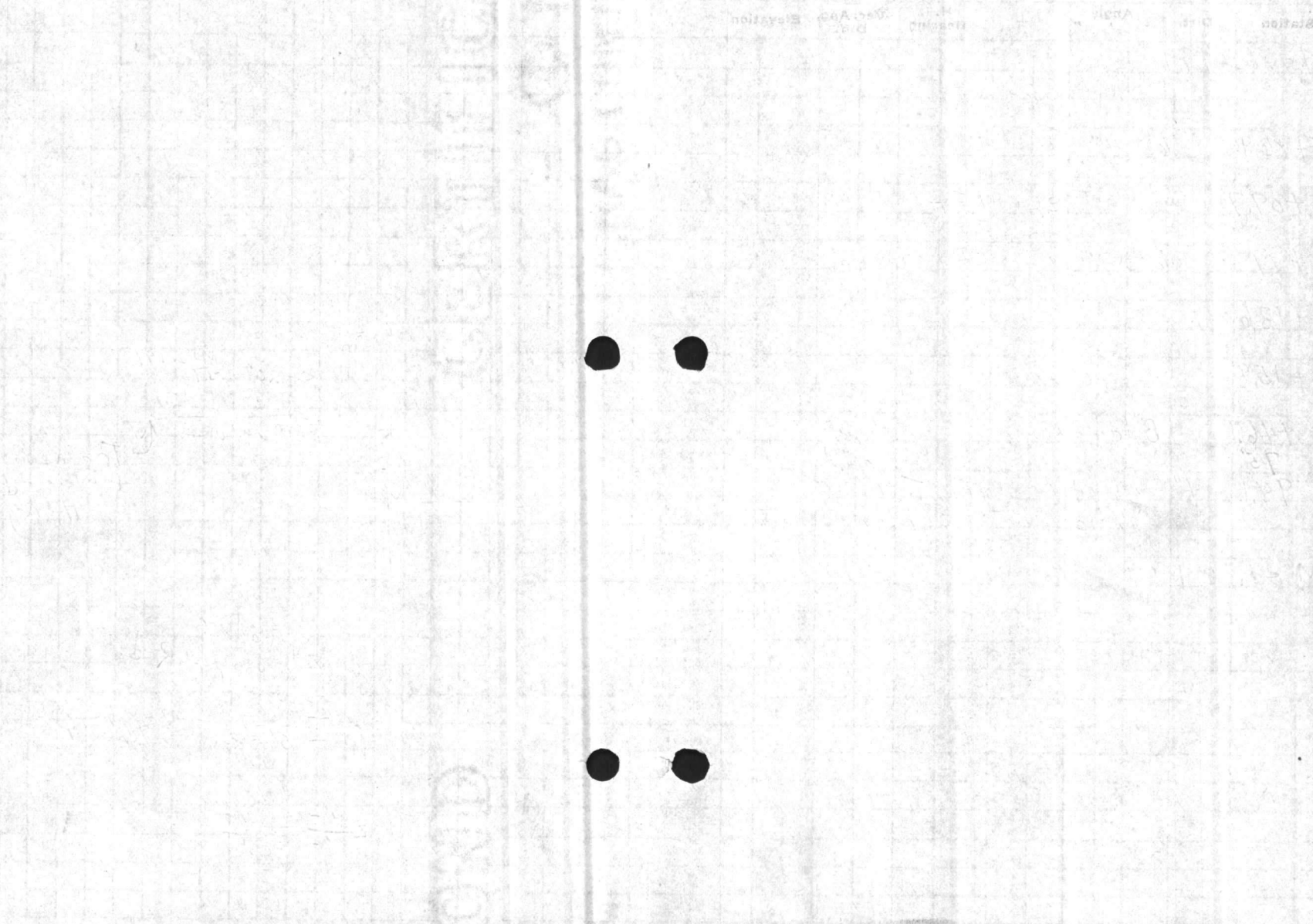
Place

Wind Dir. & Velocity

WEATHER
Clear
Partly Cloudy
Cloudy
Light Rain
Rain
Thunder
Snow
Fog
Mist
Ice
Hail

Wind Dir. & Velocity
Wind Speed
Pressure
Temperature
Relative Humidity
Barometric Pressure
Sea Level Pressure
Date
Time

Sheet No.
Page No.



VALUABLE

SUBJECT Water Dist. as built

Field House

Return To
Public Works
Office
Camp Lejeune
North Carolina

FIELD PARTY

____ In Charge
____ Instrument
____ Notes
____ Tape Read
____ Tape or Rod
____ Tape or Rod
____ Instrument No.
____ Tape No.

WEATHER

Clear _____
Cloudy _____
Windy _____
Rain _____
Fair _____
Snow _____
Hot _____
Moderate _____
Cold _____
Fog _____

FILE No. 160-G

Fldr. No. _____

Figured By _____ Sheet 1

Notes Checked By _____

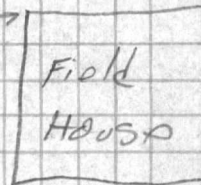
Plotted By _____ Date 9/19/49

Quad. No. _____

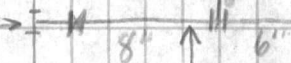
| Station | Dist. | Angle " | + | H. I. Bearing | Ver. Ang. Diff. | Elevation |
|---------|-------|---------|---|---------------|-----------------|-----------|
|---------|-------|---------|---|---------------|-----------------|-----------|

9417

← 258.1' →



7+45.3



SEE sheet 4+5

3+55.6

12' ← 180' →

Bldg 16

2+62.3

← 180' →

*

*

63'

Bldg A 25

VALUABLE

SUBJECT _____

Return To
 Public Works
 Office
 Camp Lejeune
 North Carolina

FIELD PARTY

_____ In Charge
 _____ Instrument
 _____ Notes
 _____ Tape Read
 _____ Tape or Rod
 _____ Tape or Rod
 _____ ument No.
 _____ Tape No.

WEATHER

Clear
 Cloudy
 Windy
 Rain
 Fair

Snow
 Hot
 Moderate
 Cold
 Fog

FILE No. 160-G
 Fldr. No. _____
 Sheet 2
 Date _____ 19____

Quad. No. _____

| Station | Dist. | Angle " | + | H. I. Bearing | Ver: Ang. Diff. | Elevation | | |
|---------|-----------|---------|---|---------------|-----------------|-----------|----------|----------|
| | | | | 354 | 31.08 ✓ | 27.54 | | |
| T.P. | | | | 416 | 29.17 ✓ | 25.01 ✓ | HUD IN Q | STA 1+98 |
| 0+00 | Top "T" | | | | | 12.67 | 16.50 | |
| +03 | | | | | | 10.67 | 18.50 | |
| +05 | Valve | | | | | 10.22 | 18.95 | |
| +20 | | | | | | 10.22 | 18.95 | |
| +40 | Edge Road | | | | | | | |
| +81 | | | | | | | 19.42 | |
| 1+06 | | | | | | 10.12 | 19.05 | |
| 2+10 | | | | | | 7.48 | 21.69 | |
| +62.3 | Bldg Line | | | | | 8.17 | 21.00 | |
| 3 | | | | | | 8.07 | 21.10 | |
| +86.8 | Bldg Line | | | | | 9.50 | 19.67 | |
| TP | | | | 660 | 32.12 | 3.65 | 25.52 | |
| 4+60 | | | | | | 11.56 | | |

RECEIVED
U.S. GEOLOGICAL SURVEY
WASHINGTON, D.C.

SUBJECT

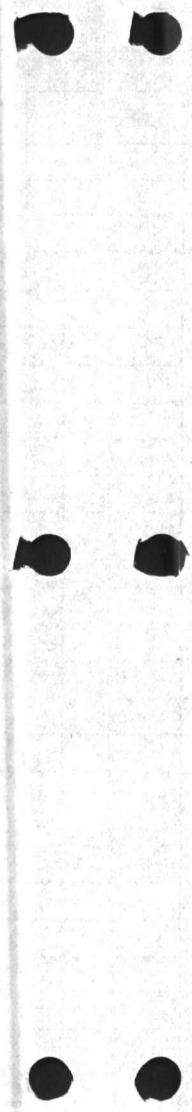
Station _____ Dist. _____
Date _____

U.S. GEOLOGICAL SURVEY

Form No. 1

WATER
Name of Well _____
Location _____
Depth _____
Type of Well _____
Date of Installation _____
Name of Installer _____
Name of User _____
Name of Agency _____
Name of State _____
Name of County _____
Name of Township _____
Name of Section _____
Name of Range _____
Name of Meridian _____
Name of Township _____
Name of Range _____
Name of Meridian _____
Name of Section _____
Name of Township _____
Name of Range _____
Name of Meridian _____
Name of Section _____

FILE NO.



VALUABLE

SUBJECT _____

Return To
Public Works
Office
Camp Lejeune
North Carolina

FIELD PARTY

_____ In Charge
_____ Instrument
_____ Notes
_____ Tape Read
_____ Tape or Rod
_____ Tape or Rod
_____ Instrument No.
_____ Tape No.

WEATHER

Clear _____
Cloudy _____
Windy _____
Rain _____
Fair _____
Snow _____
Hot _____
Moderate _____
Cold _____
Fog _____

FILE No. 160-G

Fldr. No. _____

Figured By _____ Sheet 3

Notes Checked By _____

Plotted By _____ Date _____ 19__

Quad. No. _____

| Station | Dist. | ° Angle " | + | H. I. Bearing | Ver: Ang. Diff. | Elevation |
|---------|--------|--------------|---|---------------|-----------------|-----------|
| 5+00 | | | | 3212 | 11 19 | |
| 450 | | | | | 10 61 | |
| 6 | | | | | 10 25 | |
| 450 | | | | | 9 28 | |
| 7+00 | | | | | 9 21 | |
| 45 | "T" 03 | Line to Bldg | | 10 00 | 22.12 | |
| 8 | | | | | 8 58 | |
| 50 | | | | | 8 60 | |
| 9 | | | | | 8 53 | |
| f06 | valve | Top stem | | | 6 40 | |
| +17 | | End line | | | 8 50 | |

RECEIVED
OFFICE
GENERAL INVESTIGATIVE
DIVISION

Section
Date

PROPERTY

Case No.
Inventory No.
Date Recd.

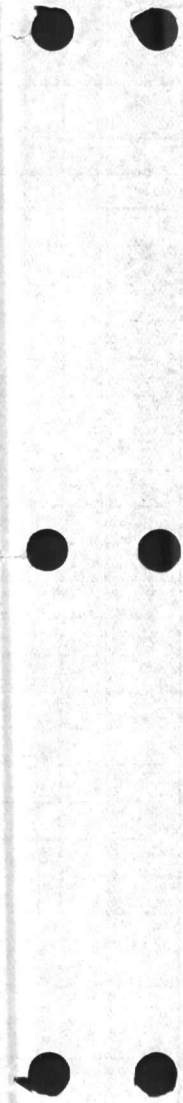
WEATHER

Temp.
Wind
Clouds
Precip.

Checked By
Plotted By

Date

FILE NO.
DATE
BY



VALUABLE

SUBJECT _____

Return To
Public Works
Office
Camp Lejeune
North Carolina

FIELD PARTY

_____ In Charge
_____ Instrument
_____ Notes
_____ Tape Read
_____ Tape or Rod
_____ Instrument No.
_____ Tape No.

WEATHER

Clear _____
Cloudy _____
Windy _____
Rain _____
Fair _____
Snow _____
Hot _____
Moderate _____
Cold _____
Fog _____
Figured By _____
Notes Checked By _____
Plotted By _____

FILE No. _____

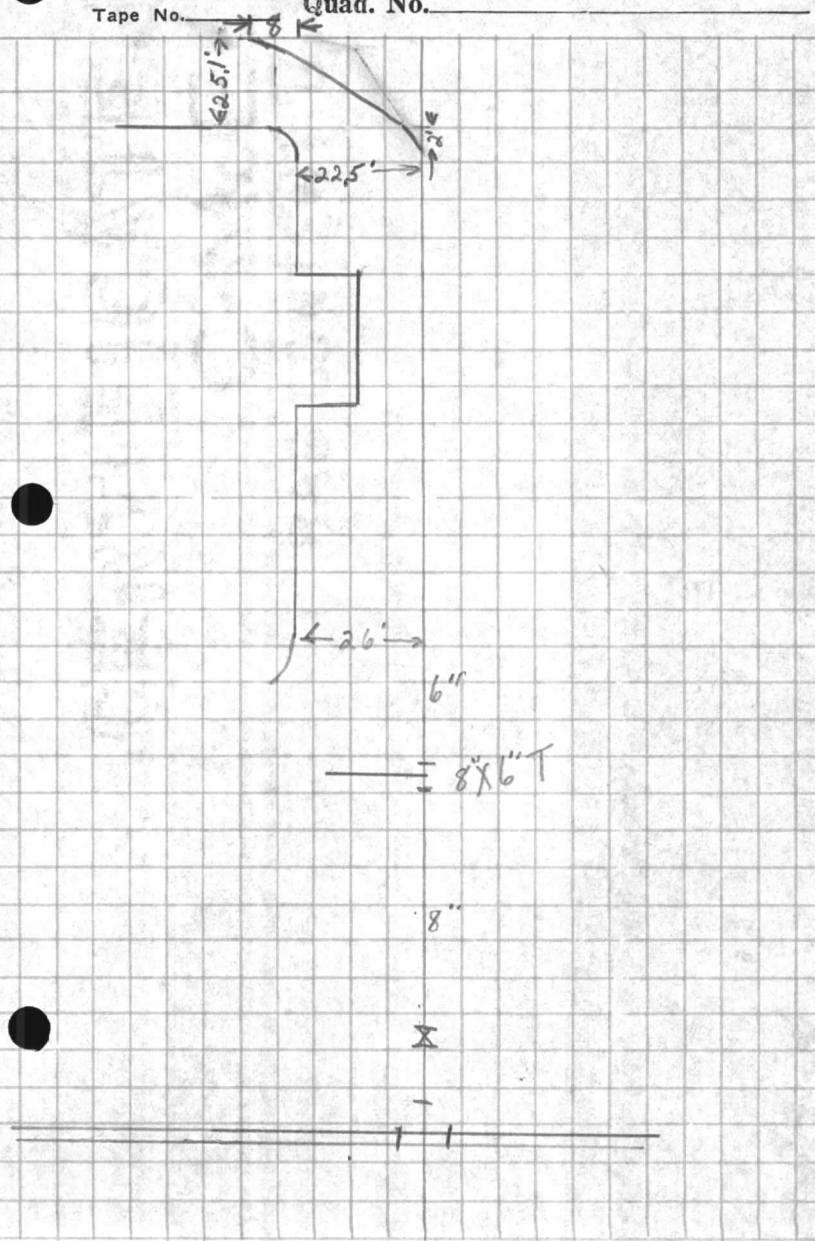
Fldr. No. _____

Sheet 4

Date _____ 19__

Quad. No. _____

| Station | Dist. | Angle " | + | H. I. Bearing | Ver: Ang. Diff. | Elevation |
|---------|---------------------------|---------|---|---------------|-----------------|-----------|
| 0+00 | no A = 7-1453 | | | 32 12 | | |
| 0+07 | Valve | | | | 10 22 | |
| +50 | | | | | 10 76 | |
| 1 | | | | | 10 60 | |
| +50 | | | | | 11 47 | |
| 1+855 | "8" x 8" T End 8-24-49 | | | | 10 80 | |
| BM | | | | | 4 56 27 52 | |
| | | | | | 4.42 31 94 | |
| 2+50 | | | | | 10 32 | |
| 3 | | | | | 9 84 | |
| +50 | | | | | 9 64 | |
| 4 | | | | | 8 95 | |
| +50 | | | | | 7 80 | |
| TP | | | | | 7.25 24 69 | |
| | | | | | 6.50 31 19 | |



ALABAMA
Return to
Public Works
Office
Cannons Station
North Carolina

SUBJECT

Station
Dist
Angle
M.L. 101
V.M.A. 101
D.M. 101
Elevation
Elevation

LD PARTY
In Charge
Instrument
Time
Date of Run
Name of Job
Number of
Time

WEATHER
Clear
Partly
Cloudy
Rain
Snow
Fog
Thunder
Lightning
Wind
Direction
Force
Temperature
Barometer
Humidity
Remarks

FILE NO

Station
Dist
Angle
M.L. 101
V.M.A. 101
D.M. 101
Elevation
Elevation

VALUABLE

SUBJECT _____

Return To
Public Works
Office
Camp Lejeune
North Carolina

FIELD PARTY

_____ In Charge
_____ Instrument
_____ Notes
_____ Tape Read
_____ Tape or Rod
_____ Tape or Rod
_____ Instrument No.
_____ Tape No.

WEATHER

Clear
Cloudy
Windy
Rain
Fair

Snow
Hot
Moderate
Cold
Fog

FILE No. _____

Fldr. No. _____

Sheet 5

Notes Checked By _____

Plotted By _____ Date _____ 19____

Quad. No. _____

| Station | Dist. | Angle " + | H. I. Bearing | Ver: Ang. Diff. | Elevation |
|-----------|-------|--------------|------------------|--------------------|-----------|
| | | | 31 19 | | |
| 4+61.5 | | 45° Bend | | 6.60 | |
| 5+01.6 | | 45° Bend | | 5.96 | |
| 50 | | | | 5.79 | |
| 83 | | | | 5.40 | |
| Men # 191 | | End work | 8-30-49 | 2.87 | 28.32 |

31.2
5.4

25.8

19.7

$$\begin{array}{r}
 29.00 \\
 4.56 \\
 \hline
 24.44 \\
 19.7 \\
 \hline
 4.74
 \end{array}$$

RECEIVED
 COUNTY OF
 ...
 ...
 ...

Station _____
 Date _____
 Office _____
 Name _____
 Title _____
 Address _____
 City _____
 State _____
 Zip _____

Date _____
 Time _____
 Location _____
 Name _____
 Title _____
 Address _____
 City _____
 State _____
 Zip _____

AMPLIFIED

FILE NO.

WEATHER

VALUABLE

Return To
Public Works
Office
Camp Lejeune
North Carolina

SUBJECT LOCATION TIE UNDER
GROUND POWER CABLE TO
CIRCLE

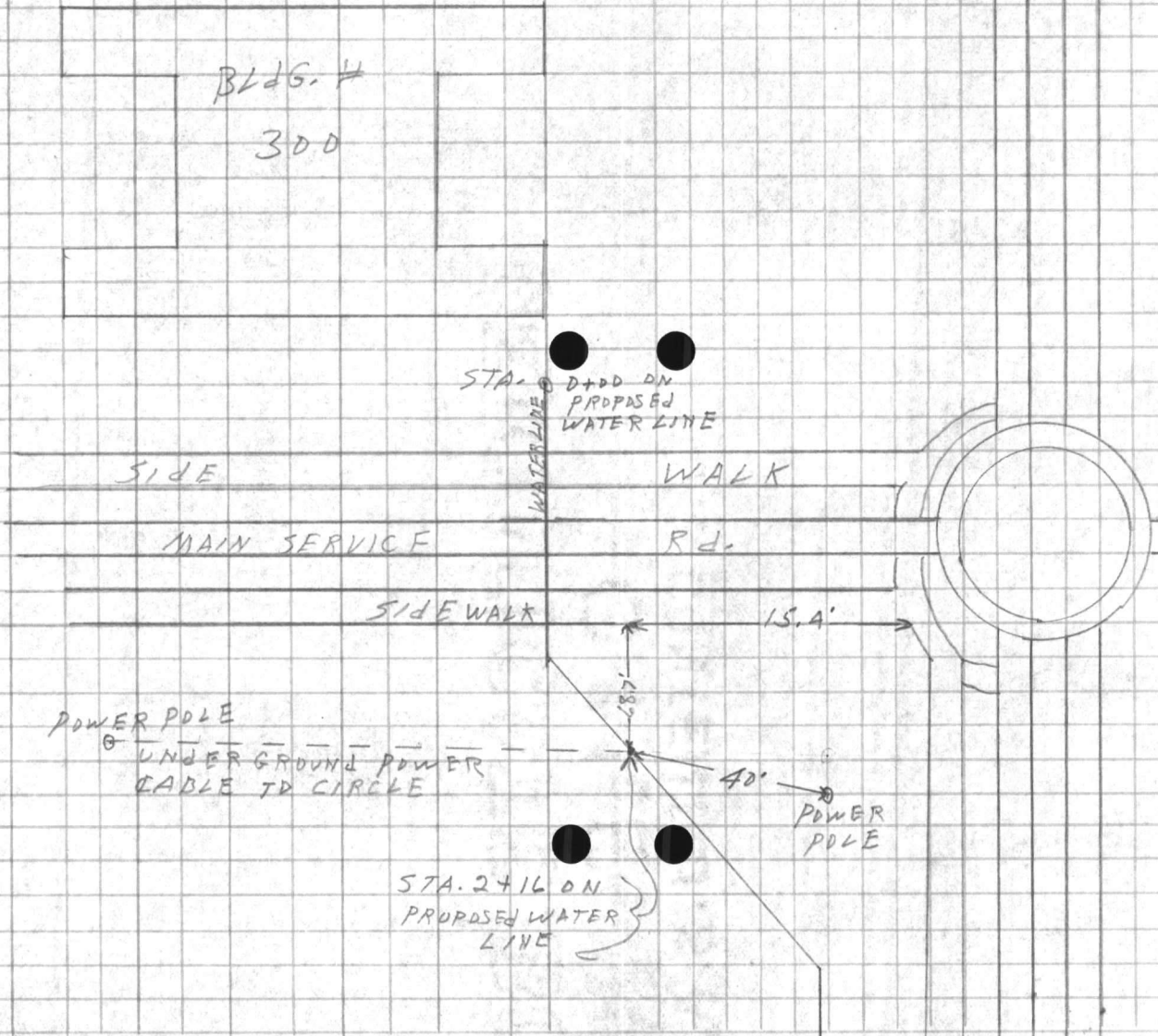
FIELD PARTY
DENNIS In Charge
____ Instrument
____ Notes
____ Tape Read
____ Tape or Rod
____ Tape or Rod
____ Instrument No.
____ Tape No.

WEATHER
Clear _____
Cloudy _____
Windy _____
Rain _____
Fair _____
Snow _____
Hot _____
Moderate _____
Cold _____
Fog _____
Figured By _____
Notes Checked By _____
Plotted By _____

FILE No. 160-G
Fldr. No. _____
Sheet 10F1
Date 10-A 1951

Quad. No. _____

| Station | Dist. | Angle ° ' " | + | H. I. Bearing | Ver: Ang. Diff. | Elevation |
|---------|-------|----------------|---|------------------|--------------------|-----------|
|---------|-------|----------------|---|------------------|--------------------|-----------|



VALUABLE
Public Works
Office
Car. Systems
V. P. Carolina

SUBJECT

Station _____
Dist. _____
M.I. _____
Sealing _____
Vernon - Elevation _____
Dist. _____

FIELD PARTY

_____ in Charge
_____ Instrument
_____ Notes
_____ Tape Plan
_____ Tape or Rod
_____ Tape or Rod
_____ Number
_____ Date

WEATHER

_____ Clear
_____ Snow
_____ Hot
_____ Cloudy
_____ Windy
_____ Moderate
_____ Cold
_____ Rain
_____ Fog

FILE No. _____

_____ Plan No.
_____ Sheet
_____ Notes Checked By
_____ Date



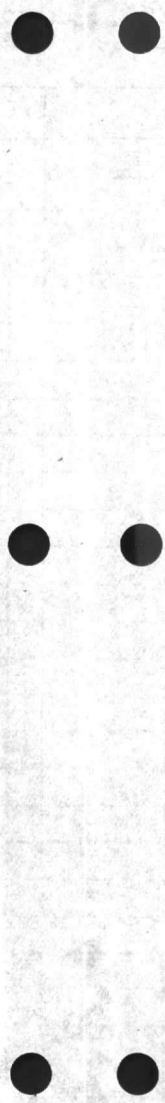
W. A. T. 1911
SUBJECT
NAME
DATE

W. A. T. 1911
SUBJECT
NAME
DATE

WEATHER
Clear
Cloudy
Rain
Fog
Thunder
Storm
Hail
Snow
Ice
Mist
Dew
Frost
Sleet
Haze
Mist
Fog
Thunder
Storm
Hail
Snow
Ice
Mist
Dew
Frost
Sleet
Haze

W. A. T. 1911
SUBJECT
NAME
DATE

W. A. T. 1911



VALUABLE

SUBJECT _____

Return To
Public Works
Office
Camp Lejeune
North Carolina

FIELD PARTY

____ In Charge
____ Instrument
____ Notes
____ Tape Read
____ Tape or Rod
____ Tape or Rod
____ Instrument No. _____
____ Tape No. _____

WEATHER

Clear
Cloudy
Windy
Rain
Fair

Snow
Hot
Moderate
Cold
Fog

FILE No. _____

Fldr. No. _____

Sheet 2 of 2

Date _____ 19__

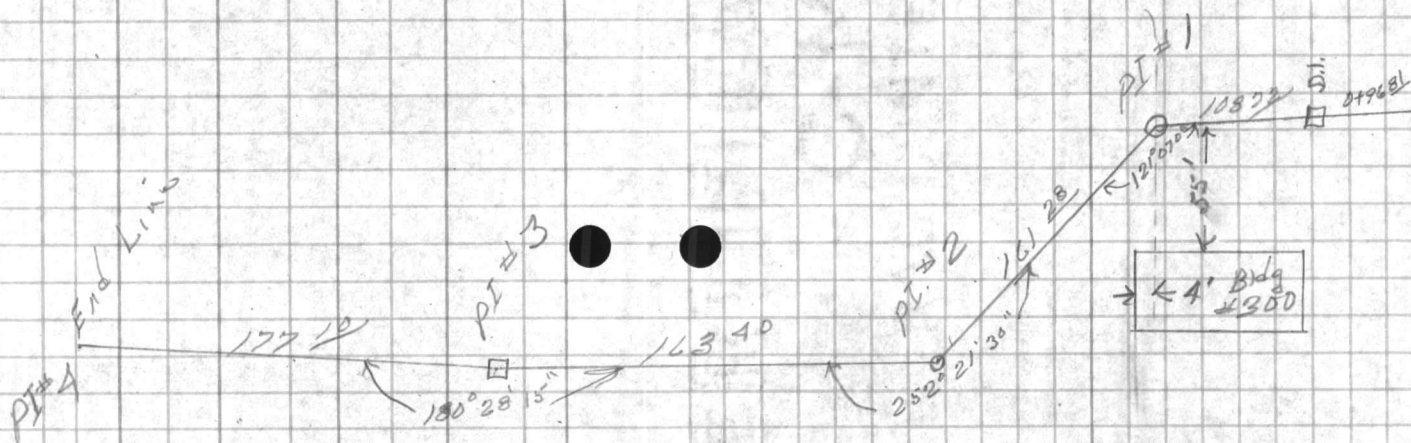
Figured By _____

Notes Checked By _____

Plotted By _____

Quad. No. _____

| Station | Dist. | Angle " + | H. I. Bearing | Ver: Ang. Diff. | Elevation |
|---------|-------|--------------|------------------|--------------------|-----------|
|---------|-------|--------------|------------------|--------------------|-----------|



E M S R

VALUABLE
Return To
Public Works
Office
General Services
Administration

Station: _____
Date: _____
Time: _____
Barometric Pressure: _____
Wind: _____
Direction: _____
Speed: _____
Temperature: _____
Dew Point: _____
Relative Humidity: _____
Clouds: _____
Visibility: _____
Remarks: _____

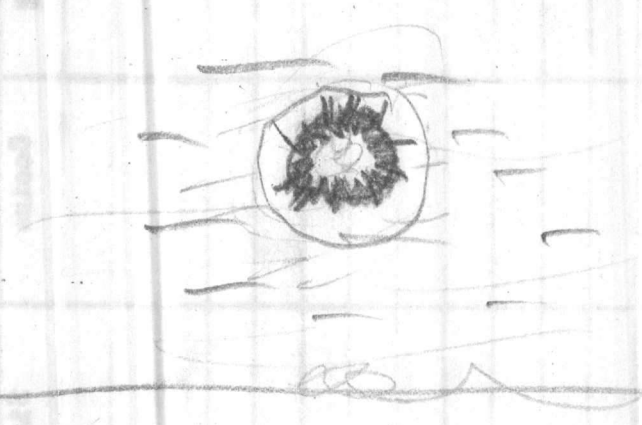
FIELD PARTY
In Charge: _____
Observer: _____
Notes: _____
Tape Book: _____
Tape Book: _____
Tape Book: _____
Tape Book: _____
Tape Book: _____
Tape Book: _____

WEATHER
Time: _____
Location: _____
Altitude: _____
Wind: _____
Direction: _____
Speed: _____
Temperature: _____
Dew Point: _____
Relative Humidity: _____
Clouds: _____
Visibility: _____
Remarks: _____

Field No. _____
Date: _____
Time: _____
Location: _____
Altitude: _____
Remarks: _____

64 29
1700
128
580

15
20
300



VALUABLE

SUBJECT STAKE OUT OF 2,000,000 GAL.
RESERVOIR
AT WATER TREATMENT PLANT

Return To
 Public Works
 Office
 Camp Lejeune
 North Carolina

FIELD PARTY

Cuthrie In Charge
 _____ Instrument
 _____ Notes
 _____ Tape Read
 _____ Tape or Rod
 _____ Tape or Rod
 _____ Instrument No.
 _____ Tape No.

WEATHER

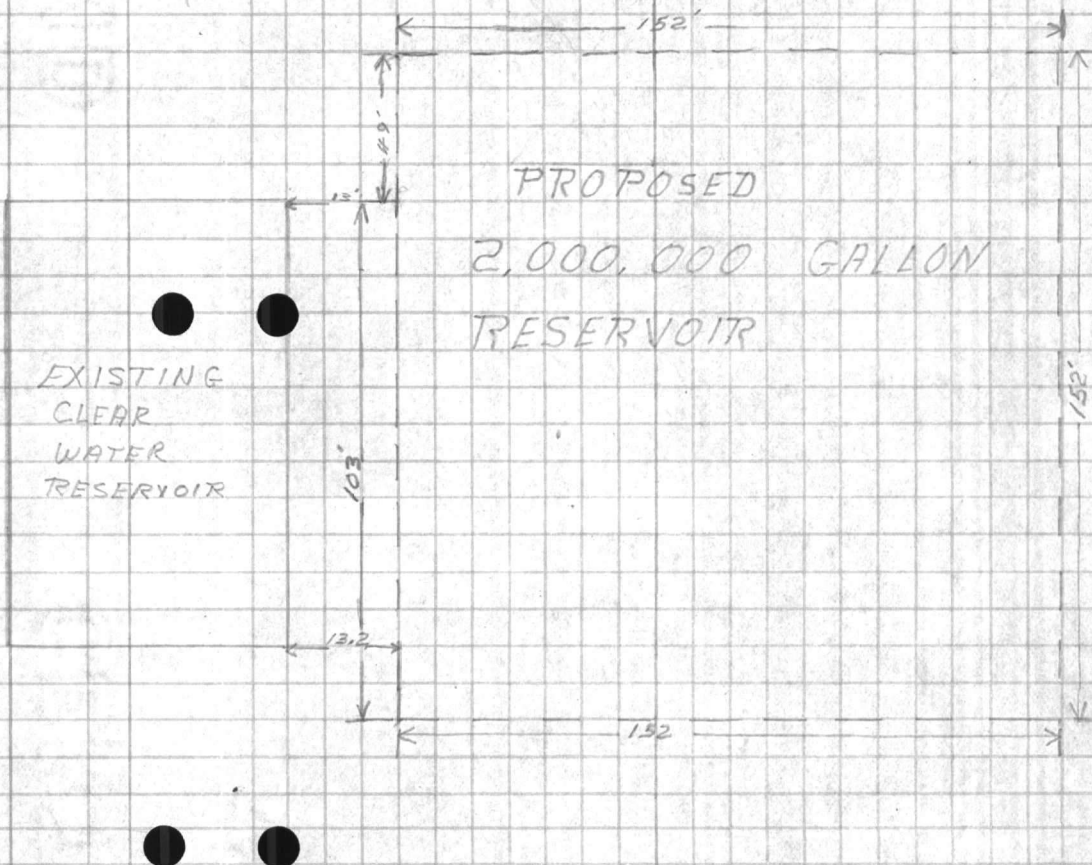
Clear
 Cloudy
 Windy
 Rain
 Fair

Snow
 Hot
 Moderate
 Cold
 Fog

FILE No. 160-G
 Fldr. No. _____
 Sheet 1 of 1
 Notes Checked By _____
 Plotted By _____
 Date 7/19 1951

Quad. No. _____

| Station | Dist. | Angle ° ' " | + | H. I. Bearing | Ver: Ang. Diff. | Elevation |
|---------|-------|----------------|---|------------------|--------------------|-----------|
|---------|-------|----------------|---|------------------|--------------------|-----------|



AVAILABLE

Region T
Public Works
District
Camp Johnson
North Carolina

SUBJECT

Station
Date
Area

W. L. Venable
Special Agent

FIELD PARTY

In Charge
In Charge
Notes

Type of Rod
Tension Rod

WEATHER

Clear
Partly
Cloudy
Wind
Moisture
Rain
Cold
Fog

Planted by
Notes
Planted by

(Inch)

FIELD NO.

Sheet

Date

VALUABLE

SUBJECT Sanitary sewer bypass
Location at water treatment
plant.

Return To
 Public Works
 Office
 Camp Lejeune
 North Carolina

FIELD PARTY
Kellum In Charge
 _____ Instrument
 _____ Notes
 _____ Tape Read
 _____ Tape or Rod
 _____ Instrument No.

WEATHER
 Clear _____
 Cloudy _____
 Windy _____
 Rain _____
 Fair _____
 Snow _____
 Hot _____
 Moderate _____
 Cold _____
 Fog _____
 Figured By _____
 Notes Checked By _____
 Plotted By _____

FILE No. 160-6
 Fldr. No. _____
 Sheet 1-2 of 4
 Date 7-20-1954

Tape No. New M.H. #1 Quad. No. _____
26

| Station | Dist. | Angle | + | H. I. Bearing | Ver: Ang. Diff. | Elevation |
|---------|-------|-------|---|---------------|-----------------|-----------|
|---------|-------|-------|---|---------------|-----------------|-----------|

| | | | | | | |
|-------------|-------|------------|--|--|--|--|
| New M.H. #2 | 1.247 | 19°30' | | | | |
| 2+89.34 | 2.21 | 58°30' | | | | |
| 79~ | 14.20 | 247°19'30" | | | | |

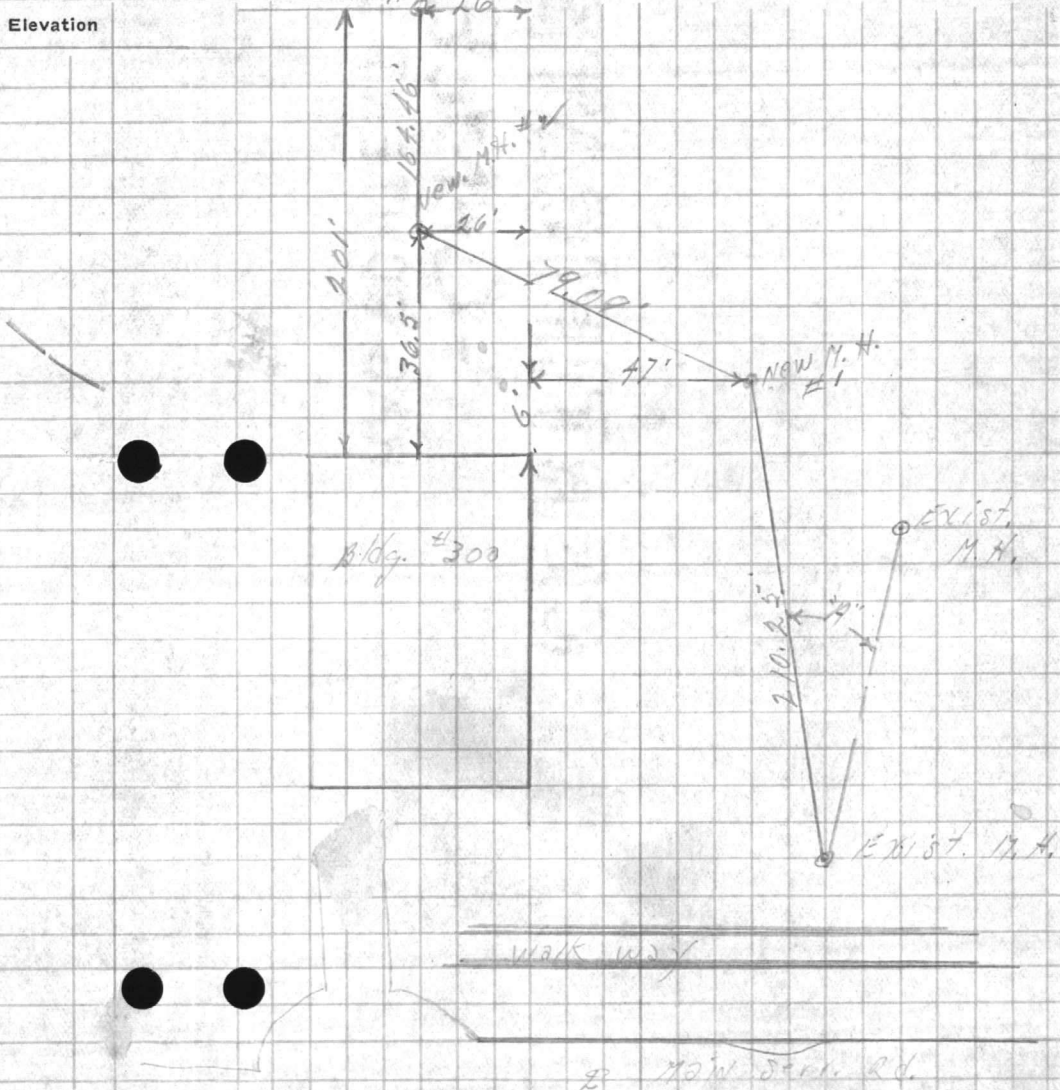
checked
 H.I.B.

| | | | | | | |
|-------------|-------|--------|--|--|--|--|
| New M.H. #1 | 1.112 | 30'00" | | | | |
| 2+10.25 | 3.327 | 30'00" | | | | |
| MEAN | 1.112 | 30'00" | | | | |

checked

| | | | | | | |
|------|------|--------|--|--|--|--|
| "A" | 1.9 | 53'45" | | | | |
| | 3.29 | 41'00" | | | | |
| MEAN | 9 | 53'40" | | | | |

checked



VALLEY

SUBJECT

Return to
Field Work
Office
Camp Station
Valley

FIELD PARTY

Mr. Officer

Mr. Assistant

Mr. Driver

Mr. Cook

Mr. Porter

Mr. Steward

Mr. Clerk

Mr. Treasurer

Mr. Secretary

Mr. Librarian

Mr. Messenger

Mr. Janitor

Mr. Watchman

Mr. Fireman

Mr. Carpenter

Mr. Blacksmith

Mr. Shoemaker

Mr. Tailor

Mr. Hatter

Mr. Saddler

Mr. Gunsmith

Mr. Jeweler

Mr. Druggist

Mr. Apothecary

Mr. Barber

Mr. Tailor

Mr. Hatter

Mr. Saddler

Mr. Gunsmith

Mr. Jeweler

Mr. Druggist

Mr. Apothecary

Mr. Barber

Mr. Tailor

Mr. Hatter

Mr. Saddler

Mr. Gunsmith

Mr. Jeweler

Mr. Druggist

Mr. Apothecary

Mr. Barber

Mr. Tailor

Mr. Hatter

Mr. Saddler

Mr. Gunsmith

Mr. Jeweler

Mr. Druggist

Mr. Apothecary

Mr. Barber

Mr. Tailor

WEATHER

Clear

Cloudy

Partly Cloudy

Light Rain

Heavy Rain

Snow

Ice

Fog

Mist

Thunder

Lightning

Storm

High Wind

Low Wind

Strong Wind

Weak Wind

Variable

Steady

Unsettled

Clear

Cloudy

Partly Cloudy

Light Rain

Heavy Rain

Snow

Ice

Fog

Mist

Thunder

Lightning

Storm

High Wind

Low Wind

Strong Wind

Weak Wind

Variable

Steady

Unsettled

Clear

Cloudy

Partly Cloudy

Light Rain

Heavy Rain

Snow

Ice

Fog

Mist

Thunder

Lightning

Storm

FIELD NO.

DATE

TIME

PLACE

NAME

NO.

CLASS

SECTION

GRADE

LEVEL

MARK

DESCRIPTION

REMARKS

SKETCH

SECTION

DESCRIPTION

REMARKS

SKETCH

SECTION

DESCRIPTION

REMARKS

SKETCH

SECTION

DESCRIPTION

REMARKS

SKETCH

SECTION

DESCRIPTION

REMARKS

SKETCH

SECTION

DESCRIPTION

REMARKS

Station

Dist.

Angle

Mag.

Time

Station

Dist.

Angle

Mag.

Time

Station

Dist.

Angle

Mag.

Time

Station

Dist.

Angle

Mag.

Time

Station

Dist.

Angle

Mag.

Time

Station

Dist.

Angle

Mag.

Time

Station

Dist.

Angle

Mag.

Time

Station

Dist.

Angle

Mag.

Time

Station

Dist.

Angle

Mag.

Time

Station

Dist.

Angle

Mag.

Time

Station

Dist.

Angle

Mag.

Time

Station

Dist.

Angle

Mag.

Time

Station

Dist.

Angle

Mag.

Time

Station

Dist.

Angle

Mag.

Time

Station

Dist.

Angle

Mag.

Time

Station

Dist.

Angle

Mag.

Time

Station

Dist.

Angle

Mag.

Time

Station

VALUABLE

SUBJECT sanitary sewer bypass
location cont'd.

Return To
 Public Works
 Office
 Camp Lejeune
 North Carolina

FIELD PARTY

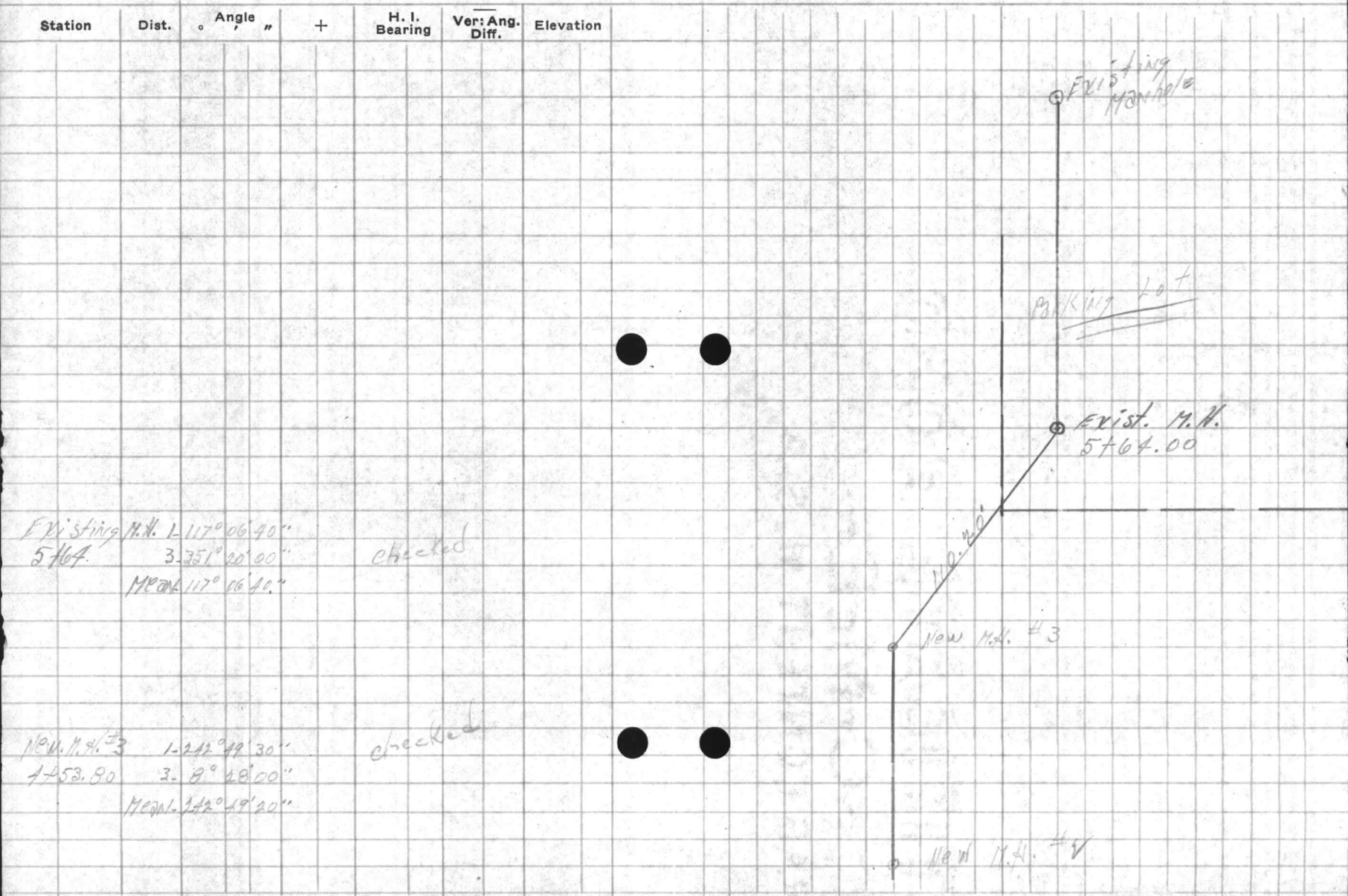
In Charge _____
 Instrument _____
 Notes _____
 Tape Read _____
 Tape or Rod _____
 Tape or Rod _____
 Instrument No. _____
 Tape No. _____

WEATHER

Clear _____
 Cloudy _____
 Windy _____
 Rain _____
 Fair _____
 Snow _____
 Hot _____
 Moderate _____
 Cold _____
 Fog _____

FILE No. _____
 Fldr. No. _____
 Sheet 2 of 4
 Date 7-20 19 51

Quad. No. _____



Existing M.N. 1 117° 06' 40"
 5764.00 3.751' 20' 00"
 Mean 117° 06' 40"

New M.N. #3 112° 49' 30"
 1453.80 3.8° 48' 00"
 Mean 112° 49' 20"

VALUE

Return to
Public Works
Office
Camp Station
North Carolina

SUBJECT

Station

Date

Angle

Dist

Vertical
Dip Elevation

| | | |
|-------|----|----|
| 123 | 07 | 00 |
| | | 3 |
| <hr/> | | |
| 369 | 21 | 00 |

FIELD PARTY

In Charge

Instrument

Notes

Time

Time of Rod

Time of Rod

Time of Rod

Time of Rod

WEATHER

Clear

Cloudy

Light

Time

Time of Rod

Time of Rod

Time of Rod

Time of Rod

FIELD NO.

Page No.

Sheet

Date

Time

Time

VALUABLE

Return To
Public Works
Office
Camp Lejeune
North Carolina

SUBJECT

Test Boring Locations
Proposed New Clear Water Storage Tank
Water Treatment Plant

FIELD PARTY

Farmer In Charge
____ Instrument
____ Notes
____ Tape Read
____ Tape or Rod
____ Tape or Rod
____ Instrument No.
____ Tape No.

WEATHER

Clear
Cloudy
Windy
Rain
Fair

Snow
Hot
Moderate
Cold
Fog

FILE No. 160-G

Fldr. No. _____

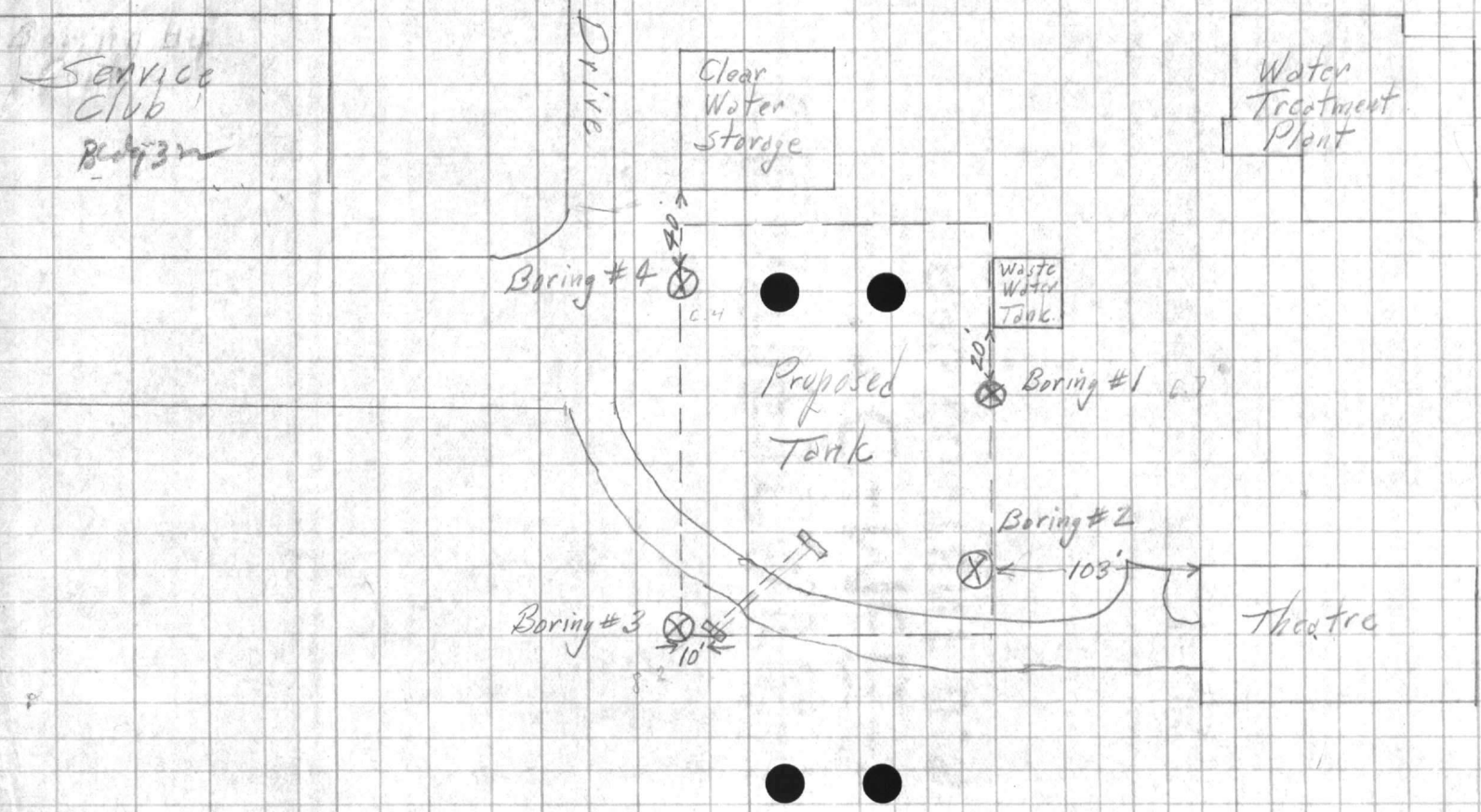
Figured By _____ Sheet 6 of 6

Notes Checked By _____

Plotted By _____ Date _____ 19____

Quad. No. _____

| Station | Dist. | Angle | " | + | H. I. Bearing | Ver: Ang. Diff. | Elevation |
|---------|-------|-------|---|---|------------------|--------------------|-----------|
|---------|-------|-------|---|---|------------------|--------------------|-----------|



WEATHER
 Clear
 Snow
 Cloudy
 Windy
 Misty
 Foggy
 Rain
 Sleet
 Hail
 Other

Filled By _____
 Checked By _____
 Date _____

TIME PARTY
 Time of Day _____
 Type of Trip _____
 Purpose of Trip _____
 Date _____

Return to _____
 Radio Work _____
 Other _____
 Camp Location _____
 Name of Station _____

Station _____ Dist _____ Area _____
 Elevation _____

NATIONAL BUREAU OF METEOROLOGY
 WASHINGTON, D. C.

VALUABLE

SUBJECT Test Borings In The
Water Treatment Plant Area

Return To
 Public Works
 Office
 Camp Lejeune
 North Carolina

FIELD PARTY

Garnier In Charge
 _____ Instrument
 _____ Notes
 _____ Tape Read
 _____ Tape or Rod
 _____ Tape or Rod
 _____ Instrument No.
 _____ Tape No.

WEATHER

Clear _____
 Cloudy _____
 Windy _____
 Rain _____
 Fair _____
 Snow _____
 Hot _____
 Moderate _____
 Cold _____
 Fog _____
 Figured By _____
 Notes Checked By _____
 Plotted By _____

FILE No. _____
 Fldr. No. _____
 Sheet 1 of 5
 Date 1-12 1957

Quad. No. _____

| Station | Dist. | Angle " | + | H. I. Bearing | Ver: Ang. Diff. | Elevation | |
|-----------|-------|---------|----|---------------|-----------------|-----------------|------------------------|
| Boring #1 | 146 | 26 | 21 | 24 | 75 | Fl. ele theater | Waste Water Tank |
| | | | | | | | S.W. 20m → |
| | | | | | | | 20' |
| | | | | 815 | 1816 | Ground ele | ↓ |
| | | | | 91 | 171 | | Coarse white sand |
| | | | | | | | Fine, black sandy loam |
| | | | | 102 | 160 | | |
| | | | | 109 | 153 | | Fine, white sand |
| | | | | | | | Coarse yellow sand |
| | | | | 114 | 148 | | |
| | | | | 152 | 110 | | Water table |
| | | | | | | | Fine, grey sand |
| | | | | 157 | 105 | | |
| | | | | | | | Fine, dark brown sand |
| | | | | 167 | 95 | | |
| | | | | | | | Fine, light brown sand |

MAIL ROOM
RECORDS
GENERAL INVESTIGATIVE
DIVISION
WASHINGTON, D.C.

SUBJECT

Station

Date

Time

Priority

Special Agent in Charge

FIELD PARTY

In Charge

First Name

Last Name

Address

City

State

Zip

WEATHER

Clear

Cloudy

Windy

Light

Fog

Snow

Rain

FILE No.

Page No.

Date

Station

Address

City

State

Zip

Case No.

VALUABLE

SUBJECT Test Borings ContiReturn To
Public Works
Office
Camp Lejeune
North Carolina

FIELD PARTY

_____ In Charge
 _____ Instrument
 _____ Notes
 _____ Tape Read
 _____ Tape or Rod
 _____ Instrument No.
 _____ Tape No.

WEATHER

Clear _____
 Cloudy _____
 Windy _____
 Rain _____
 Fair _____

Snow _____
 Hot _____
 Moderate _____
 Cold _____
 Fog _____

FILE No. _____

Fldr. No. _____

Sheet 2 of 5

Date _____ 19__

Figured By _____

Notes Checked By _____

Plotted By _____

Quad. No. _____

| Station | Dist. | Angle ° ' " | + | H. I. Bearing | Ver: Ang. Diff. | Elevation |
|---------|-------|----------------|---|------------------|--------------------|-----------|
|---------|-------|----------------|---|------------------|--------------------|-----------|

26 21

Boring #1
Conti

195 67

50% Fine brown sand
& blue clay

21 2 50

50% fine, light brown
sand & blue clay

WEATHER

Snow
Ice
Fog
Rain
Thunder
Lightning

WIND

Direction
Force
Gusts

TEMPERATURE

Air
Surface
Under

WIND

Direction
Force
Gusts

MOON

Phase
Age
Illumination

WIND

Direction
Force
Gusts

SEA

State
Direction
Force

WIND

Direction
Force
Gusts

SWELL

Direction
Force
Period

WIND

Direction
Force
Gusts

WAVES

Direction
Force
Period

WIND

Direction
Force
Gusts

ICE

Amount
Type
Location

WIND

Direction
Force
Gusts

CLIMATE

Season
Temperature
Precipitation

WIND

Direction
Force
Gusts

STORMS

Type
Direction
Force

WIND

Direction
Force
Gusts

OTHER

Notes
Remarks

WIND

Direction
Force
Gusts

NAVIGATION

Course
Speed
Position
Time
Distance

Altitude
Azimuth
Miles
Hours
Minutes

Latitude
Longitude
Miles
Hours
Minutes

Direction
Force
Gusts
Miles
Hours
Minutes

Direction
Force
Gusts
Miles
Hours
Minutes

Direction
Force
Gusts
Miles
Hours
Minutes

Direction
Force
Gusts
Miles
Hours
Minutes

Direction
Force
Gusts
Miles
Hours
Minutes

Direction
Force
Gusts
Miles
Hours
Minutes

VALUABLE

SUBJECT Test Borings Conti

Return To
Public Works
Office
Camp Lejeune
North Carolina

FIELD PARTY

_____ In Charge
_____ Instrument
_____ Notes
_____ Tape Read
_____ Tape or Rod
_____ Tape or Rod
_____ Instrument No.
_____ Tape No.

WEATHER

Clear _____
Cloudy _____
Windy _____
Rain _____
Fair _____
Snow _____
Hot _____
Moderate _____
Cold _____
Fog _____
Figured By _____
Notes Checked By _____
Plotted By _____

FILE No. _____
Fldr. No. _____
Sheet 3 of 5
Date _____ 19__

Quad. No. _____

| Station | Dist. | Angle " " | + | H. I. Bearing | Ver: Ang. Diff. | Elevation |
|---------|-------|--------------|---|------------------|--------------------|-----------|
|---------|-------|--------------|---|------------------|--------------------|-----------|

26 21

Boring # 2

Theater

Bldg #

NW
Cor

103'

9 3 16 9

Ground ele.

Fine, brown sandy
loam

10 2 16 0

Fine brown sand

11 3 14 9

Fine, light grey sand

11 8 14 4

Fine, brown sand

12 3 13 9

Impossible to get
auger below this ele.

15 3 10 9

Water table

Fine, yellow sand

18 8 → 7 4

probed to this ele.

21 5 → 5 7

sand

Firm substance

AVAILABLE

Return to
Public Works
Office
Camp Lejeune
North Carolina

SUBJECT

Station
District
Andis
Billing
Vol and
Elevation

FIELD PARTY

Mr. Ordan
Instrument
Notes
Type Read
Type or Rod
Type of Trip
Instrument No.
Case No.

WEATHER

Clear
Snow
Cloudy
Fog
Mist
Moderate
Rain
Cold
Fair

FILE No.

Field No.

Sheet

Notes Checked By

Date

Hand No.

Station

District

Andis

Billing

Vol and

Elevation



VALUABLE

SUBJECT Test Borings Cont.

Return To
Public Works
Office
Camp Lejeune
North Carolina

FIELD PARTY

_____ In Charge
_____ Instrument
_____ Notes
_____ Tape Read
_____ Tape or Rod
_____ Tape or Rod
_____ Instrument No.
_____ Tape No.

WEATHER

Clear
Cloudy
Windy
Rain
Fair

Snow
Hot
Moderate
Cold
Fog

Figured By _____
Notes Checked By _____
Plotted By _____

FILE No. _____

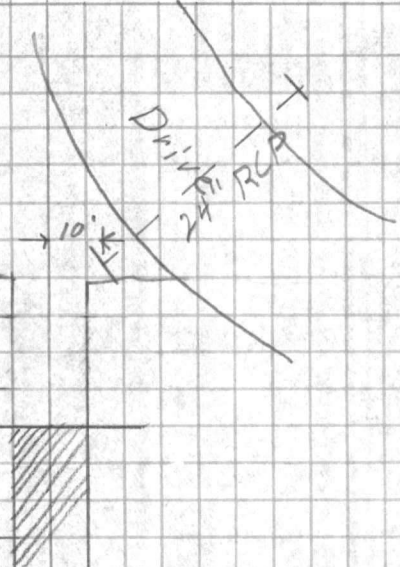
Fldr. No. _____

Sheet 4076

Date _____ 19____

Quad. No. _____

| Station | Dist. | Angle " | + | H. I. Bearing | Ver: Ang. Diff. | Elevation | |
|------------|-------|---------|---|---------------|-----------------|-----------|------------------------------|
| | | | | 26 21 | | | |
| Boring # 3 | | | | | | | |
| | 120 | 14 | 2 | | | | Ground ele. |
| | | | | | | | Fine yellow sand |
| | 145 | 11 | 7 | | | | Water table |
| | 155 | 10 | 7 | | | | Fine, black sand 15% clay |
| | 180 | 8 | 2 | | | | 50% fine sand & blue clay |
| | 200 | 6 | 2 | | | | Fine sand & 10% blue clay |
| | 210 | 5 | 2 | | | | |



VALUABLE
Return to
Public Works
Office
Camp (Station)
North Carolina

SUBJECT

SECTION

DEF.

ANGLE

DEPT.

YR. AND
SERIAL

FIELD PARTY

In Charge

Assistant

Notes

Your Name

Type of Rod

Type of Rod

Instrument No.

Date

WEATHER

Clear

Cloudy

Partly

Light

Notes

Remarks

Remarks

Field No.

Date

Time

Place

Remarks

VALUABLE

SUBJECT Test Borings Cont.

Return To
Public Works
Office
Camp Lejeune
North Carolina

FIELD PARTY

_____ In Charge
_____ Instrument
_____ Notes
_____ Tape Read
_____ Tape or Rod
_____ Tape or Rod
_____ Instrument No.
_____ Tape No.

WEATHER

Clear _____
Cloudy _____
Windy _____
Rain _____
Fair _____
Snow _____
Hot _____
Moderate _____
Cold _____
Fog _____
Figured By _____
Notes Checked By _____
Plotted By _____

FILE No. _____

Fldr. No. _____

Sheet 5 of 5

Date _____ 19__

Quad. No. _____

| Station | Dist. | Angle ° ' " | + | H. I. Bearing | Ver. Ang. Diff. | Elevation | |
|-----------|-------|----------------|---|------------------|--------------------|-----------|--------------------------------|
| | | | | 26 21 | | | |
| Boring #4 | | | | | | | |
| | | | | | | | Fresh Water Storage |
| | | | | | | | SW Cor. → |
| | | | | | | | 40' |
| | | | | | | 58 20 4 | Ground ele |
| | | | | | | 60 20 2 | Black sandy loam |
| | | | | | | | Back fill yellow sand |
| | | | | | | 10 3 15 9 | Fine yellow sand + 10% clay |
| | | | | | | 12 6 13 6 | Fine yellow sand |
| | | | | | | 13 1 13 1 | Water table |
| | | | | | | 16 8 9 4 | Fine white sand |
| | | | | | | 17 3 8 9 | Fine brown sand + 5% clay |
| | | | | | | 17 8 8 4 | |

UNITED STATES

OFFICE

Referred to
Public Works
Office
Civil Service
North Carolina

Station

Dist.

Angle

to Bearing

to Azim. Elevation

FIELD PARTY

In Charge

Assistant

Notes

Time Read

Type of Run

Kind of Rod

Instrument No.

Tap No.

WEATHER

Snow

Wind

Cloud

Barometer

Thermometer

Hygrometer

Other

FIELD No.

Project No.

Station

Check by

Date

Book No.

VALUABLE

SUBJECT Test Boring At WaterTreatment PlantReturn To
Public Works
Office
Camp Lejeune
North Carolina

FIELD PARTY

Gunner In Charge
 _____ Instrument
 _____ Notes
 _____ Tape Read
 _____ Tape or Rod
 _____ Tape or Rod
 _____ Instrument No.
 _____ Tape No.

WEATHER

Clear _____
 Cloudy _____
 Windy _____
 Rain _____
 Fair _____
 Snow _____
 Hot _____
 Moderate _____
 Cold _____
 Fog _____

FILE No. 160-6

Fldr. No. _____

Figured By _____ Sheet 1 of 4

Notes Checked By _____

Plotted By _____ Date 1-18 1957

Quad. No. _____

| Station | Dist. | Angle " " | + | H. I. Bearing | Ver: Ang. Diff. | Elevation |
|---------|-------|--------------|---|------------------|--------------------|-----------|
|---------|-------|--------------|---|------------------|--------------------|-----------|

#5

NCO Club

000 283

283 Top storage tank.

74 209 = Ground ele

Note: edge drive 0.5' lower
 than ground ele.
 at boring.

79 204

Top soil

91 194

Fine, grey sand

114 189

Fine, yellow sand
& 20% clay

134 149

Fine, light yellow
sand

149 134

Fine, yellow sand

186 97

Fine, light yellow
sandCoarse, very light
yellow sand

Drive

← 7' * 26' → Storage Tank

Water

Tank

FIELD PARTY

Return to
Public Works
Office
Camp Lejeune
North Carolina

SUBJECT

Station

Date

Route

Weather
Wind
Temp

Wind
Temp
Bar

FIELD PARTY

Wind

Temp

Bar

Humidity

Visibility

Clouds

Pressure

WEATHER

Snow

Fog

Rain

Clouds

Wind

Temp

Bar

Field No.

Station

Date

Route

Field No.

VALUABLE

SUBJECT Test Boring Conti

Return To _____
Public Works Office _____
Camp Lejeune _____
North Carolina _____

FIELD PARTY

____ In Charge
____ Instrument
____ Notes
____ Tape Read
____ Tape or Rod
____ Instrument No.
____ Tape No.

WEATHER

Clear _____
Cloudy _____
Windy _____
Rain _____
Fair _____
Snow _____
Hot _____
Moderate _____
Cold _____
Fog _____

FILE No. _____

Fldr. No. _____

Sheet 2 of 4

Date _____ 19____

Figured By _____
Notes Checked By _____
Plotted By _____

Quad. No. _____

Station Dist. ° Angle ' " + H. I. Bearing Ver: Ang. Diff. Elevation

283

194 89

Water table

202 81

Blue clay

209 74

" "



AVAILABLE

Report To
Public Works
Office
District
North Carolina

SUBJECT

Station _____ Dist. _____ Angle _____
H. I. _____
V. I. _____
D. I. _____
E. I. _____

FIELD PARTY

In Charge _____
Instrument _____
Level _____
Tape _____
Tape No. _____
Tape No. _____

WEATHER

Clear _____
Snow _____
Hazy _____
Moderate _____
Rain _____
Fog _____
Thunder _____
Lightning _____
Wind _____
Direction _____
Speed _____
Date _____
By _____

FILE NO.

RECEIVED
GENERAL INVESTIGATION
DIVISION
MAY 19 1954

27.5
2
2.6

VALUABLE

SUBJECT Test Borings Cont.

Return To
Public Works
Office
Camp Lejeune
North Carolina

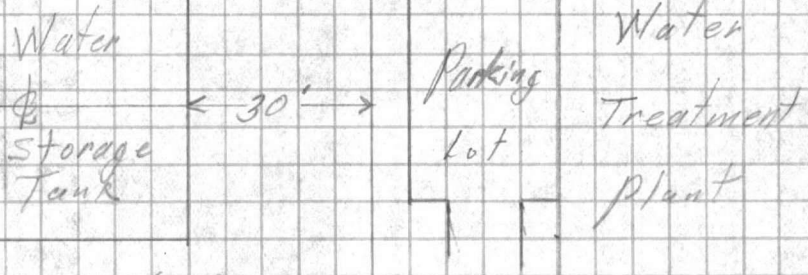
FIELD PARTY
In Charge _____
Instrument _____
Notes _____
Tape Read _____
Tape or Rod _____
Tape or Rod _____
Instrument No. _____
Tape No. _____

WEATHER
Clear _____
Cloudy _____
Windy _____
Rain _____
Fair _____
Snow _____
Hot _____
Moderate _____
Cold _____
Fog _____
Figured By _____
Notes Checked By _____
Plotted By _____

FILE No. _____
Fldr. No. _____
Sheet 3 of 4
Date _____ 19__

Quad. No. _____

| Station | Dist. | Angle " + | H. I. Bearing | Ver: Ang. Diff. | Elevation | | |
|---------|-------|--------------|------------------|--------------------|-----------|------------------------------------|---------------------------------|
| | | 9 00 | 29 5 | | 27 5 | Ft. elev. of treatment plant | Water Storage Tank |
| | | | | | 66 | 229 | Ground elev. |
| | | | | | 70 | 225 | Top soil |
| | | | | | 91 | 204 | Fine, yellow sand + 10% clay |
| | | | | | 11.4 | 181 | Fine, yellow sand + 30% clay |
| | | | | | 14.9 | 146 | Fine, yellow sand |
| | | | | | 15.8 | 137 | Fine, white sand |
| | | | | | 16.8 | 127 | Fine, yellow sand |
| | | | | | | | Fine, brown sand |



ADVISABLE

North Carolina
Camp I Station
Office
Rush Works
North Carolina

SUBJECT

FIELD PARTY

In Charge
Instrument
Dates
Time Read
Type of Rod
Type of Rod
Instrument Used
Trip No.

WEATHER

Clear
Snow
Fog
Windy
Moderate
Rain
Cold
Fog
Figured by
Notes Checked by
Pictorial by

FILE NO.

FIELD NO.

SHEET

DATE

Grid No.

Station
Date
Angle
M. S. Sighting
Elevation

VALUABLE

SUBJECT _____

Return To
Public Works
Office
Camp Lejeune
North Carolina

FIELD PARTY

_____ In Charge
_____ Instrument
_____ Notes
_____ Tape Read
_____ Tape or Rod
_____ Tape or Rod
_____ Instrument No.
_____ Tape No.

WEATHER

Clear
Cloudy
Windy
Rain
Fair
Snow
Hot
Moderate
Cold
Fog

FILE No. _____

Fldr. No. _____

Sheet 40 of 4

Date _____ 19____

Figured By _____
Notes Checked By _____
Plotted By _____

Quad. No. _____

| Station | Dist. | Angle ° ' " | + | H. I. Bearing | Ver: Ang. Diff. | Elevation |
|---------|-------|----------------|---|------------------|--------------------|-----------|
|---------|-------|----------------|---|------------------|--------------------|-----------|

29.5

146 99

Water table

Fine, brown sand

450% blue clay

22 1 77

11 11 11



Return to
Public Works
Office
Camp Lejeune
Housing Building

SUBJECT

Station

Date

H. H. BOALBY

Vol. App. Relation
Dir.

FIELD PARTY

in Charge

Instrument

Notes

Tap or Road

Tap or Road

Tap or Road

Tap No.

WEATHER

Snow

Fog

Moderate

Wind

Clear

Partly

Cloudy

W.P. No.

Field No.

Checked By

Station By

Date

Check No.

VALUABLE

SUBJECT CO-ORD TIE FOR
FIELD HOUSE

Return To
Public Works
Office
Camp Lejeune
North Carolina

FIELD PARTY
DENNIS In Charge
____ Instrument
____ Notes
____ Tape Read
____ Tape or Rod
____ Tape or Rod
____ Instrument No.
____ Tape No.

WEATHER
Clear _____
Cloudy _____
Windy _____
Rain _____
Fair _____
Snow _____
Hot _____
Moderate _____
Cold _____
Fog _____
Figured By _____
Notes Checked By _____
Plotted By _____

FILE No. 160-6
Fldr. No. _____
Sheet 1 of 1
Date 10/13 1950

Quad. No. _____

| Station | Dist. | Angle ° ' " | + | H. I. Bearing | Ver: Ang. Diff. | Elevation |
|---------------|-------|----------------|---|------------------|--------------------|-----------|
| T. Mon. # 191 | 1- | 122 47 00 | | | | |
| to cor. "A" | 3- | 08 20 30 | | | | |
| Mean | | 122 46 50 | | | | |
| T. Mon. # 191 | 1- | 165 26 00 | | | | |
| to cor. "B" | 3- | 136 17 30 | | | | |
| Mean | | 165 25 50 | | | | |

FIELD HOUSE

COR "B"

COR "A"

252.78

76.14

MON. # 191

MON. # 195

Form 100
Form 100
Form 100
Form 100
Form 100

SUBJECT

11/11/52

FIELD PARTY

In Charge
Instrument
Tape Read
Tape or Roll
Tape No.

WEATHER

Clear
Cloudy
Fog
Hot
Moderate
Cold
Rain
Thunder
Checked By
Rotted By

FILE No.

Plan No.

Sheet

Date

Grid No.

Vertical
Dist.

Section

Area

Dist.

Station

REPRODUCTION OF
ORIGINAL RECORD

VALUABLE

SUBJECT

Bldg. Dimensions

Field House

Return To
Public Works
Office
Camp Lejeune
North Carolina

FIELD PARTY

DENNIS In Charge

Instrument

Notes

Tape Read

Tape or Rod

Instrument No.

Tape No.

WEATHER

Clear
Cloudy
Windy
Rain
Fair

Snow
Hot
Moderate
Cold
Fog

Figured By

Notes Checked By

Plotted By

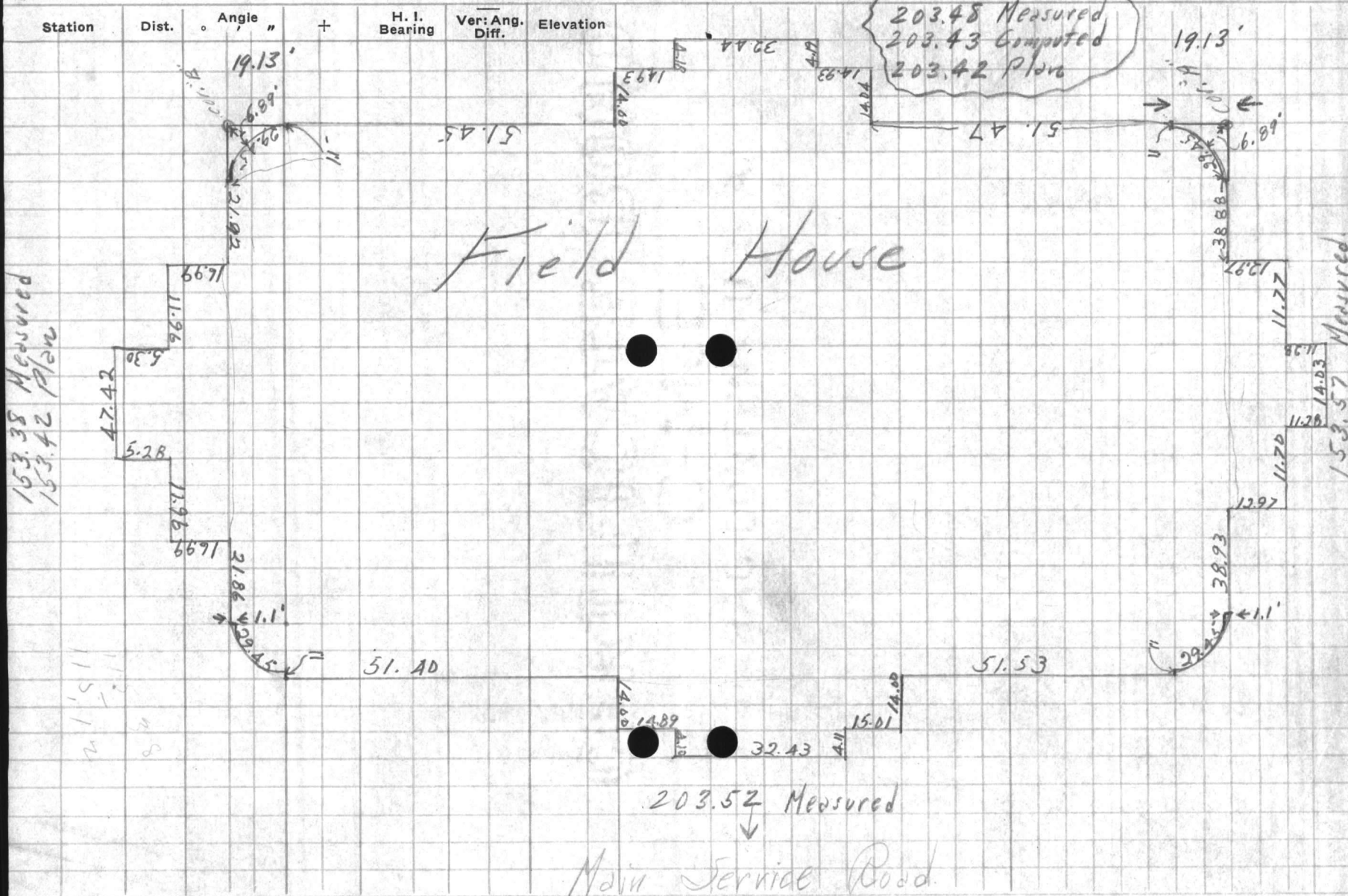
FILE No. 160-6

Fldr. No.

Sheet # 1 of 1

Date 10/13 1950

Quad. No.



ALBANY

Patrol
Public Works
Police
Capital Police
Local Police

SUBJECT

Station
Dist
Date

Hour

Verand
Dist

FIELD PARTY
In Charge
Instrument
Notes
Time Paid
Work on Road
Time on Road
Start and Mo
Trip No

WEATHER
Clear
Cloudy
Rain
Snow
Fog
Thunder
Lightning
Wind
Temp
Humidity
Barometer

FILE NO

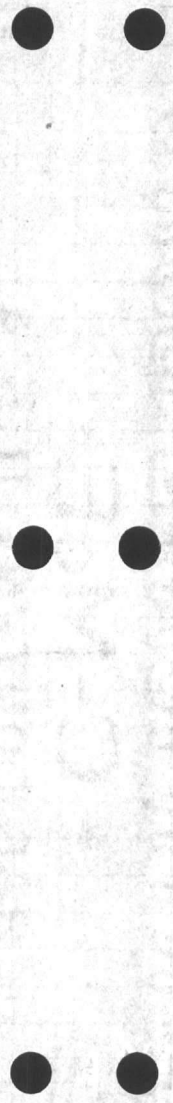
TRIP NO

DATE

BY

NO

ALBANY
STATE
ROAD
DISTRICT



VALUABLE

SUBJECT

Baseball Field Loc.

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

FIELD PARTY

Kellum IN CHARGE

INSTRUMENT

NOTES

TAPE READ

TAPE OR ROD

TAPE OR ROD

INSTRUMENT NO.

TAPE NO.

WEATHER

CLEAR
CLOUDY
WINDY
RAIN
FAIR

SNOW
HOT
MODERATE
COLD
FOG

FIGURED BY

NOTES CHECKED BY

PLOTTED BY

FILE No. 160 G

FLDR. No.

SHEET 1-0/1

DATE 4-17 59

Quad. No.

| STATION | DIST. | ANGLE ° ' " | + | H. I. BEARING | VER. ANG. DIFF. | ELEVATION |
|---------|-------|----------------|---|------------------|--------------------|-----------|
|---------|-------|----------------|---|------------------|--------------------|-----------|

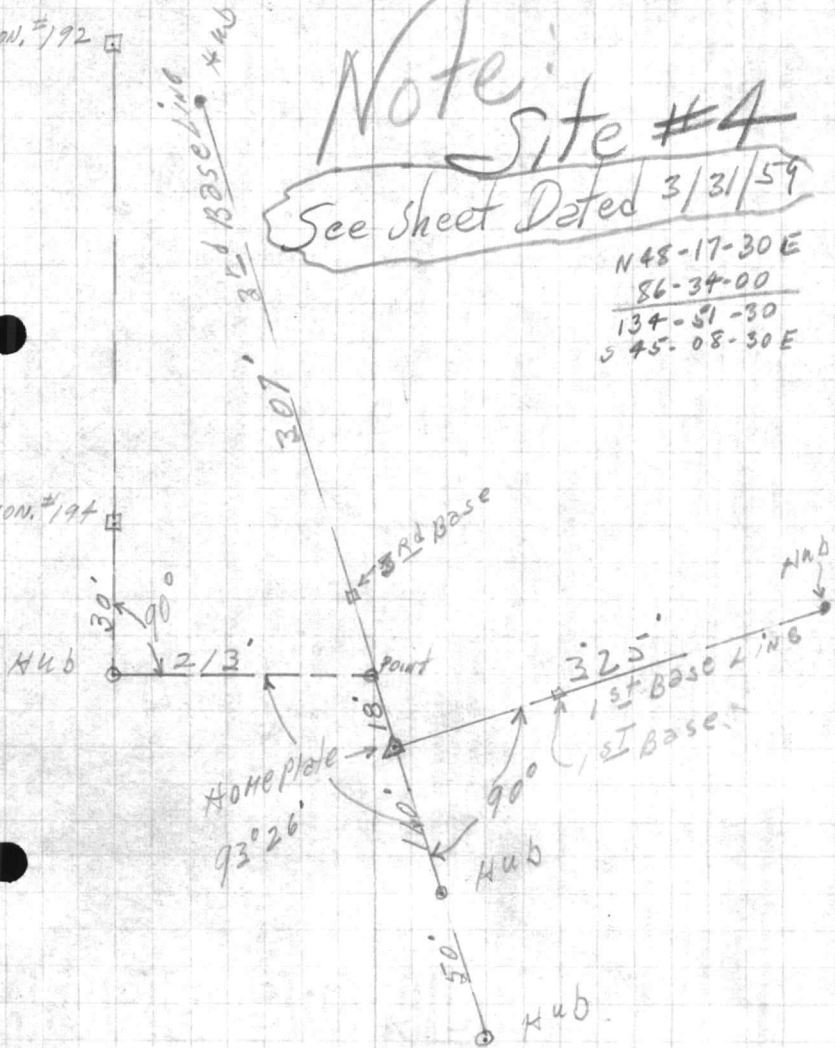
N 336,602.06
E 2,498,425.81

N 336,378.10
E 2,498,625.41

Used for
Construction

Mon. #192

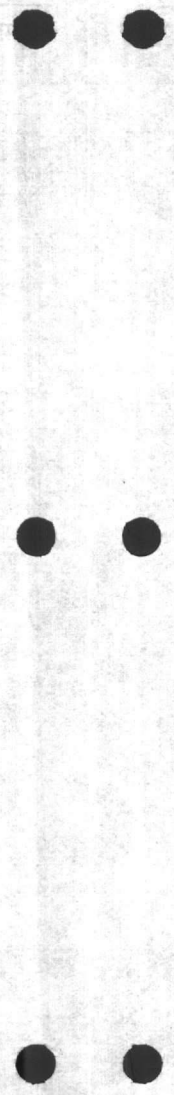
Mon. #194



NO. 1000
DATE
TIME
PLACE
WEATHER
WIND
SEA
SUN
MOON
CLOUDS
TEMPERATURE
HUMIDITY
PRESSURE
WIND DIRECTION
WIND VELOCITY
SEA DIRECTION
SEA VELOCITY
SUN POSITION
MOON POSITION
CLOUD POSITION
TEMPERATURE
HUMIDITY
PRESSURE
WIND DIRECTION
WIND VELOCITY
SEA DIRECTION
SEA VELOCITY
SUN POSITION
MOON POSITION
CLOUD POSITION

NO. 1000
DATE
TIME
PLACE
WEATHER
WIND
SEA
SUN
MOON
CLOUDS
TEMPERATURE
HUMIDITY
PRESSURE
WIND DIRECTION
WIND VELOCITY
SEA DIRECTION
SEA VELOCITY
SUN POSITION
MOON POSITION
CLOUD POSITION

NO. 1000
DATE
TIME
PLACE
WEATHER
WIND
SEA
SUN
MOON
CLOUDS
TEMPERATURE
HUMIDITY
PRESSURE
WIND DIRECTION
WIND VELOCITY
SEA DIRECTION
SEA VELOCITY
SUN POSITION
MOON POSITION
CLOUD POSITION



VALUABLERETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT

Proposed additional Ball Field
Baseball and Football at
Camp Athletic Field - Reg Area #3

FIELD PARTY

Dillon
IN CHARGE
INSTRUMENT
NOTES
TAPE READ
TAPE OR ROD
TAPE OR ROD
INSTRUMENT No.
TAPE No.

WEATHER

CLEAR
CLOUDY
WINDY
RAIN
FAIR
SNOW
HOT
MODERATE
COLD
FOG

FILE No. 160-G

FLDR. No. _____

SHEET _____

DATE 3/31 1959

FIGURED BY _____

NOTES CHECKED BY _____

PLOTTED BY _____

Quad. No. _____

| STATION | DIST. | ANGLE ° ' " | + | H. I. BEARING | VER: ANG. DIFF. | ELEVATION |
|---------|-------|----------------|---|------------------|--------------------|-----------|
|---------|-------|----------------|---|------------------|--------------------|-----------|

Drill Field - Back Troop Line
102'

Center Field Fence

375'

148° 03' 25"

Home Plate

391.88

202° 56' 10"

Mon. # 191

Mon. # 196

DRILL and REVIEW
FIELDBACK TROOP
LINE
$$\begin{array}{r} 227 \\ 126.0 \\ 72.0 \\ \hline 357.15 \end{array}$$
FENCE
55'

102'

500.40

55'

FENCE

FENCE

Not Approved
Relocated
Site # 2Used on
Site # 4

180'

320'

160'

180'

127.3

60.5

60.5

60.5

60.5

60.5

60.5

60.5

60.5

60.5

60.5

60.5

60.5

Back stop

Bleachers
15' width

#191

Existing
Football Field

AVAILABLE

RETURN TO
FBI WASH DC
FOIA
LAW CENTER
NORTH CAROLINA

STATION DIST

DATE

SEARCH

VER. AND
DICT. RELAYION

TYPE NO

NUMBER NO

TARRANT ROAD

THE CHEMICAL

TARRANT ROAD

FOOTING

IN CH. ROAD

CLARK

WEIGHT

BEOW

FOOTING

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PUBLIC WORKS DEPARTMENT
Camp Lejeune, North Carolina
Survey Department

File 160-6
Quadrangle _____
Date Mar. 31 1959
Sheet #1 of 1

Traverse Computation
Description

Athletic Field - Topog Controls - Location of 14" Raw Water Line

| Station | Distance | Bearing | Cosine | Sine | Latitude | Departure | Y Coordinate North | X Coordinate East |
|----------------------------|----------|-----------------------|-----------------|--------|----------|-----------|-----------------------|----------------------|
| Mon. # 191 | | N41°42'30"W | from Mon. # 196 | | | | 336,482.30 | 2,498,291.43 |
| P.I. #1 | 690' | " " " | 746541 | 665339 | 515.11 | 459.08 | 336,997.41 | 2,497,832.35 |
| P.I. #2 | 450 | N89-57-30W | 000727 | 999999 | 0.33 | 450.00 | 336,997.74 | 2,497,382.35 |
| | 1000' | N89-57-30W | 000727 | 999999 | 0.73 | 1000.00 | 336,998.14 | 2,496,832.35 |
| P.I. #1 | | | | | | | 336,997.41 | 2,497,832.35 |
| 14" Raw Water Transit Pipe | 169.05 | N16-46-00E | 95749 | 28847 | 161.86 | 48.77 | 337,159.27 | 2,497,881.12 |
| " " " " " | 456.45 | N77-19-30E | 21942 | 97563 | 100.15 | 445.33 | 337,097.56 | 2,498,277.68 |
| MON. # 191 | | N41°42'30"W | from Mon. # 196 | | | | 336,482.30 | 2,498,291.43 |
| HOME plate | 391.88 | N18-46-20W | 946805 | 321807 | 371.03 | 126.11 | 336,853.33 | 2,498,165.32 |
| center field fence | 375.00 | N50-42-55W | 633175 | 774009 | 237.44 | 290.25 | 337,090.77 | 2,497,875.07 |
| | 102.00 | " | | | | | | |

Return to
Public Works
Division
Camp Station
North Carolina

SUBJECT

Station

Date

Angle

Station

Vol. Amt.

Division

FIELD PARTY

In Charge
Inspector
Notes
Tape Head
Tape on Roll
Tape on Roll
Tape on Roll
Tape No.

WEATHER

Clear
Snow
Hot
Cloudy
Moderate
Wind
Cool
Rain
Fog
Fogged By
Checked By
Date

FILE No.

Field No.

Sheet

Date

Tag No.

RECEIVED
NOV 19 1944

VALUABLE

SUBJECT NEW WATER LINE
LOCATION CONTINUED

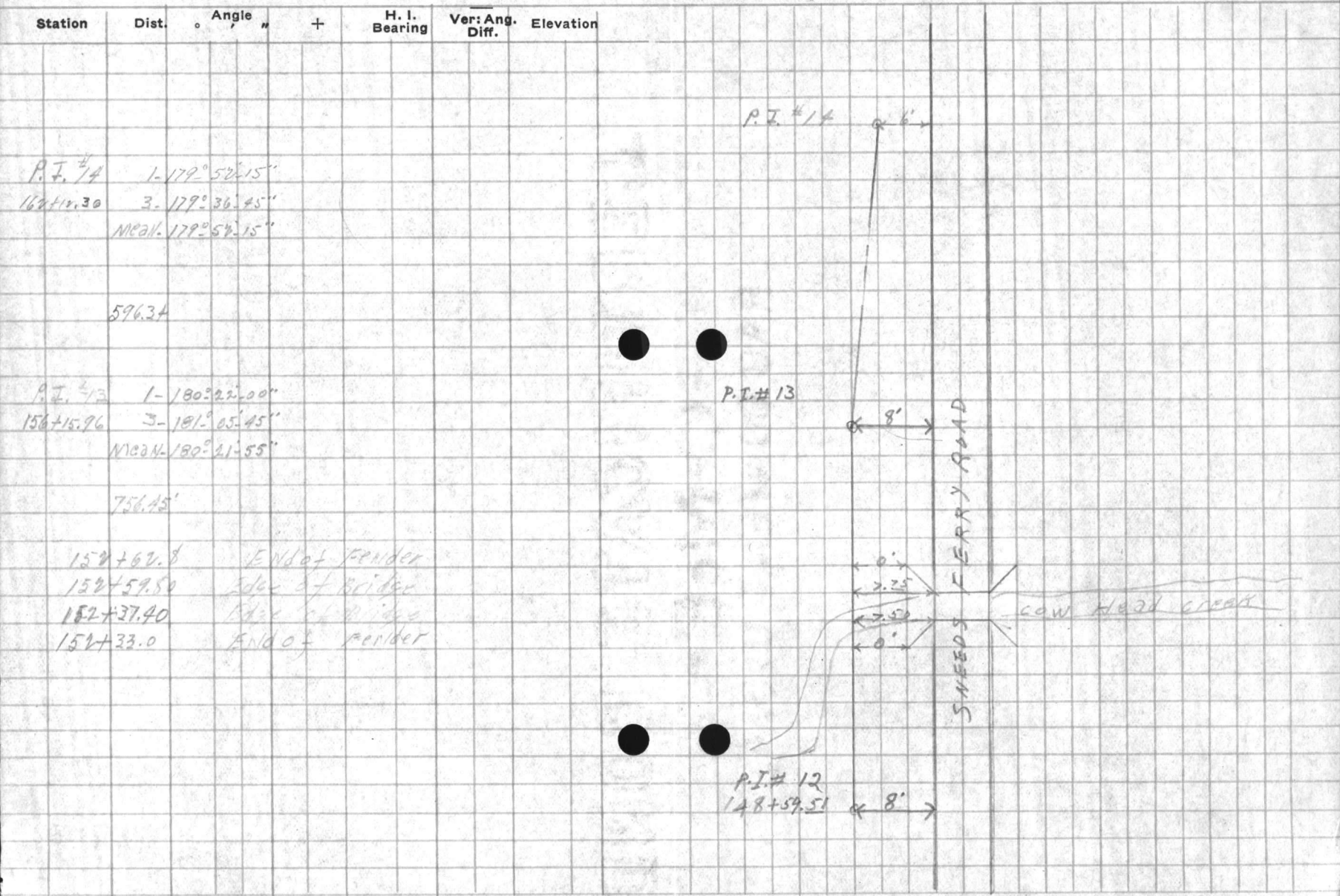
Return To
 Public Works
 Office
 Camp Lejeune
 North Carolina

FIELD PARTY
 _____ In Charge
 _____ Instrument
 _____ Notes
 _____ Tape Read
 _____ Tape or Rod
 _____ Tape or Rod
 _____ Instrument No.
 _____ Tape No.

WEATHER
 Clear _____
 Cloudy _____
 Windy _____
 Rain _____
 Fair _____
 Snow _____
 Hot _____
 Moderate _____
 Cold _____
 Fog _____
 Figured By _____
 Notes Checked By _____
 Plotted By _____

FILE No. _____
 Fldr. No. _____
 Sheet 5058
 Date 1-24-1957

Quad. No. _____



VALUABLE
Station To
Public Notice
Office
Camp Station
North Carolina

SUBJECT

Station
Date
Angle
H. A.
V. A.
Dist.
Elevation

FIELD PARTY

In Charge
Instrument
Notes
Tape Used
Type of
Station No.
Type No.

WEATHER

Clear
Snow
Hot
Cloudy
Foggy
Moderate
Rain
Cold
F. D.

FILE No.

Plotted by
Checked by
Notes

Sheet No.

REPRODUCTION
OF
OFFICIAL
RECORDS

VALUABLE

SUBJECT RAW water line location
contd.

Return To
 Public Works
 Office
 Camp Lejeune
 North Carolina

FIELD PARTY
 _____ In Charge
 _____ Instrument
 _____ Notes
 _____ Tape Read
 _____ Tape or Rod
 _____ Instrument No. _____
 _____ Tape No. _____

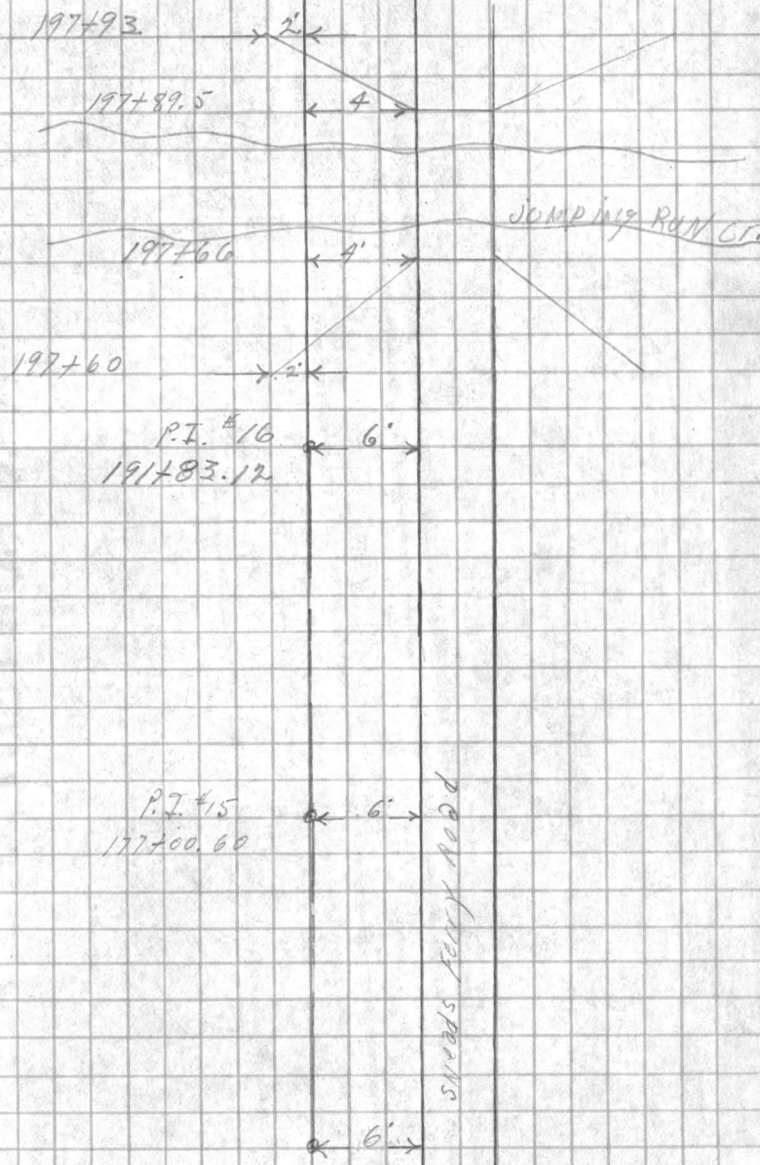
WEATHER
 Clear _____
 Cloudy _____
 Windy _____
 Rain _____
 Fair _____
 Snow _____
 Hot _____
 Moderate _____
 Cold _____
 Fog _____
 Figured By _____
 Notes Checked By _____
 Plotted By _____

FILE No. _____
 Fldr. No. _____
 Sheet 6-0/8
 Date 1-24-51

Quad. No. _____

| Station | Dist. | Angle | H. I. Bearing | Ver. Ang. Diff. | Elevation |
|---------|-------|-------|---------------|-----------------|-----------|
|---------|-------|-------|---------------|-----------------|-----------|

| | | | | | |
|-----------|----|--------------|--|--|--|
| P.I. #6 | 1- | 179° 58' 15" | | | |
| 197+83.14 | 3- | 179° 54' 15" | | | |
| MCAN- | | 179° 50' 05" | | | |
| 1481.54 | | | | | |
| P.I. #15 | 1- | 180° 01' 00" | | | |
| 177+00.60 | 2- | 180° 02' 45" | | | |
| NIPON- | | 180° 00' 55" | | | |
| 1488.30 | | | | | |



REMARKS
Location
Route
Office
Camp
Notes

SUBJECT

Station
Date
Angle
M. I.
Bearing
Ver. Ang.
Elevation

FIELD PARTY
In Charge
Instrument
Tape
Tape Pace
Type of
Tape of No.
Account No.
Tape No.

WEATHER
Clear
Snow
Cloudy
Fog
Rain
Thunder
Wind
Force
Direction
Barometer
Notes
Checked by
Date

FILE No.

UNITED STATES GOVERNMENT
GEOLOGICAL SURVEY

VALUABLE

Return To
Public Works
Office
Camp Lejeune
North Carolina

SUBJECT Proposed Raw Water Line
Location continued

FIELD PARTY

In Charge _____
Instrument _____
Notes _____
Tape Read _____
Tape or Rod _____
Tape or Rod _____
Instrument No. _____
Tape No. _____

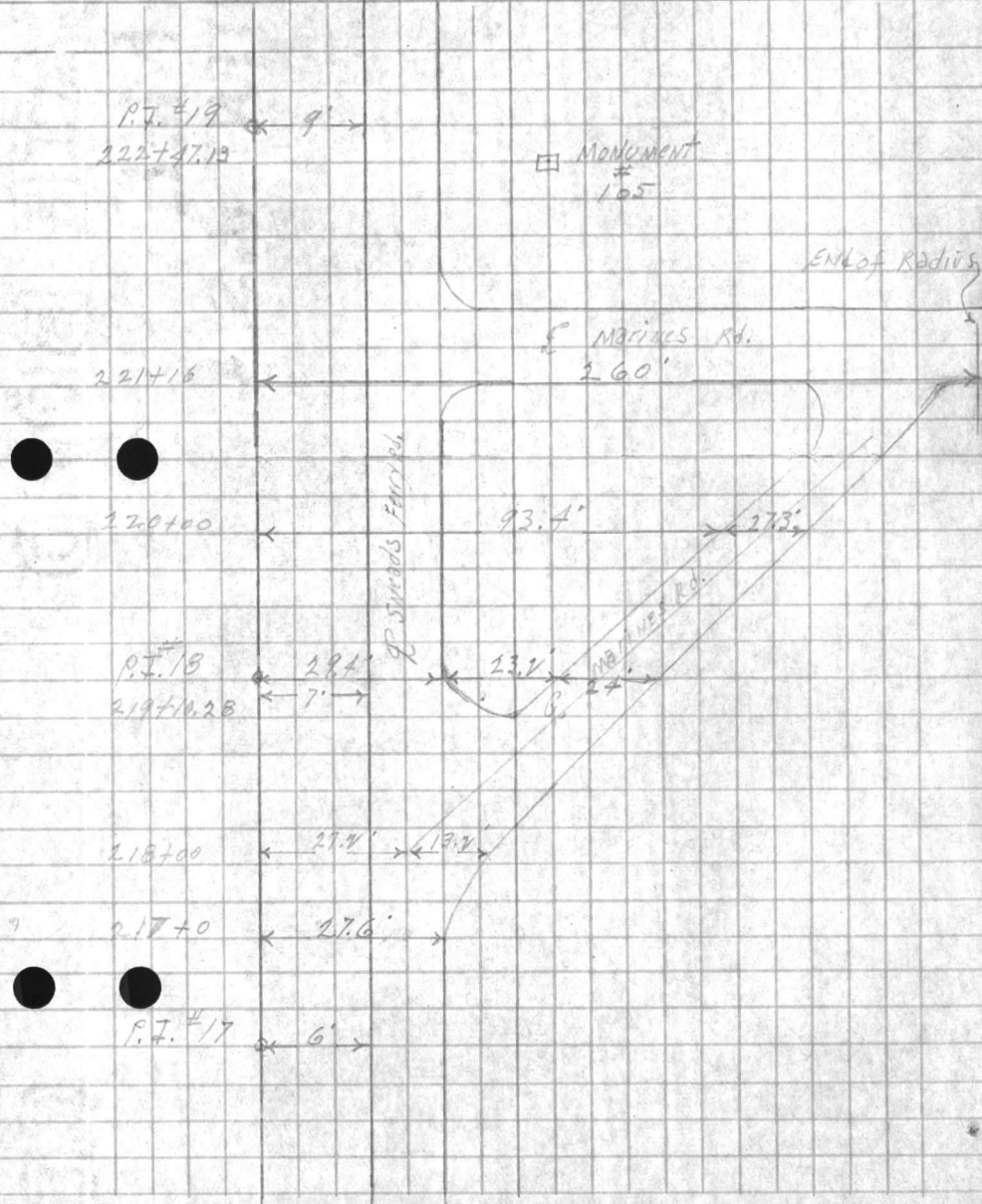
WEATHER

Clear _____
Cloudy _____
Windy _____
Rain _____
Fair _____
Snow _____
Hot _____
Moderate _____
Cold _____
Fog _____

FILE No. _____
Fldr. No. _____
Sheet 7 of 8
Date 1-25-1951

Quad. No. _____

| Station | Dist. | Angle | + | H. I. Bearing | Ver. Ang. Diff. | Elevation |
|---------------|--------------|-------|---|---------------|-----------------|-----------|
| P.I. #20 | 1-357°26'15" | | | | | |
| 236+00.00 | 3-352°18'15" | | | | | |
| END LINE MEAN | 357°26'05" | | | | | |
| | 1352.87' | | | | | |
| P.I. #19 | 1-185°43'45" | | | | | |
| 222+47.13 | 3-197°10'45" | | | | | |
| MEAN | 185°43'35" | | | | | |
| | 336.85' | | | | | |
| P.I. #18 | 1-184°51'00" | | | | | |
| 219+10.28 | 3-194°32'25" | | | | | |
| MEAN | 184°50'55" | | | | | |
| | 528.14' | | | | | |
| P.I. #17 | 1-180°12'45" | | | | | |
| 213+82.16 | 3-180°38'00" | | | | | |
| MEAN | 180°12'40" | | | | | |
| | 2199.04' | | | | | |



VAUGHAN
Return To
Public Works
Office
Camp Lejeune
North Carolina

SUBJECT

Station

Dist

Angle

Bearing

Vol. Area Elevation
Cm

Tag No.

Instrument No.

Date of Use

Date of Recd

Tool Hand

Notes

Remarks

Chip Desc

FIELD PARTY

WEATHER

Temp

Wind

Cloud

Humid

Bar

Wind

Temp

FILE No.

File No.

Sheet

Date

THE BOND

VALUABLE

Return To
Public Works
Office
Camp Lejeune
North Carolina

SUBJECT Water Line Location
tie.

FIELD PARTY

_____ In Charge
_____ Instrument
_____ Notes
_____ Tape Read
_____ Tape or Rod
_____ Tape or Rod
_____ Instrument No.
_____ Tape No.

WEATHER

Clear
Cloudy
Windy
Rain
Fair

Snow
Hot
Moderate
Cold
Fog

FILE No. _____

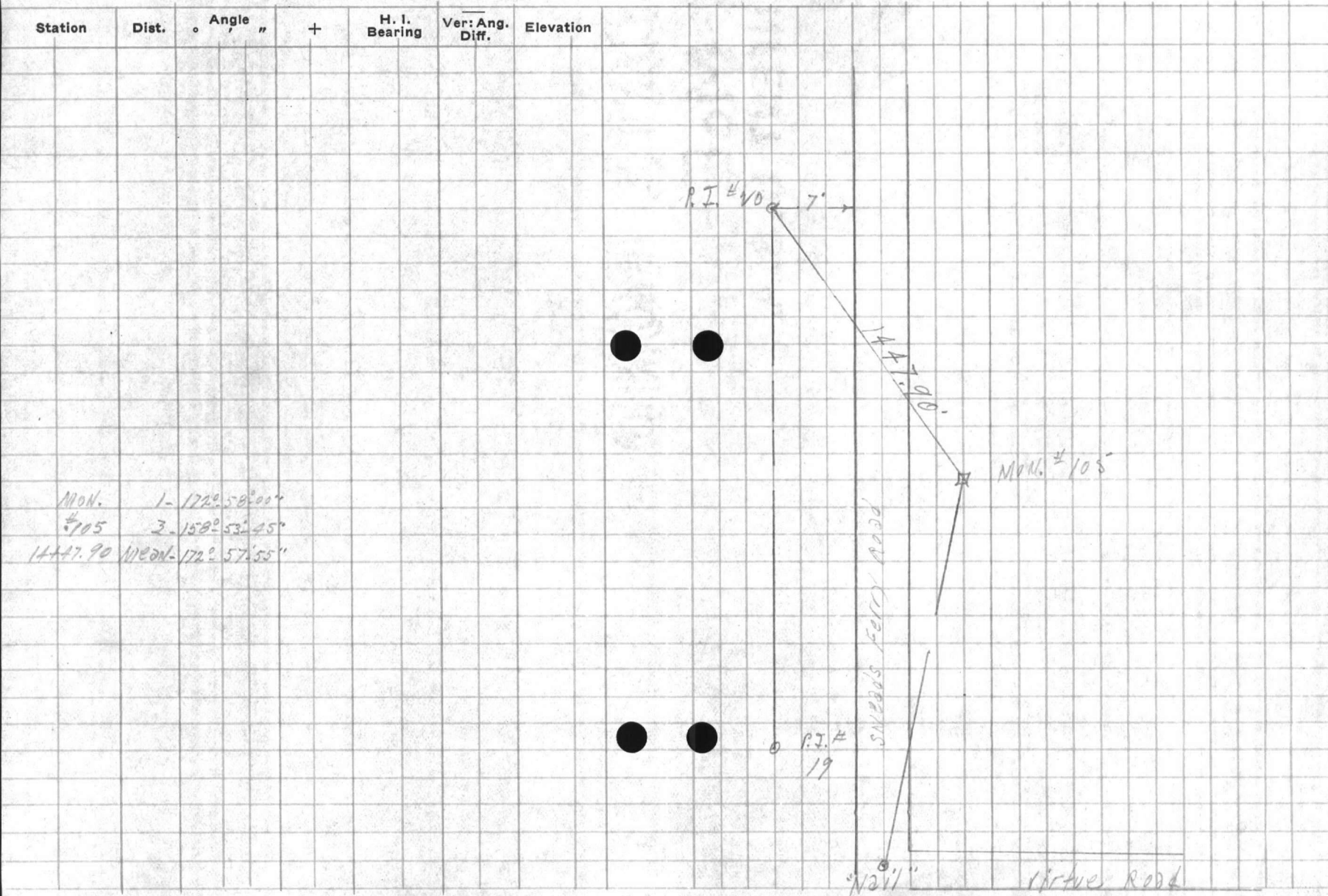
Fldr. No. _____

Figured By _____ Sheet 8 of 8

Notes Checked By _____

Plotted By _____ Date 1-25-1951

Quad. No. _____



100-100000

SUBJECT

Return to
Public Works
Office
Camp Lejeune
North Carolina

Station Dist.

ADIC

H. I. Year: Aug. Elevation
Dist.

FIELD PARTY

In Charge

Instrument

Notes

Time Read

Type of Run

Type of Rod

Notes

Time

WEATHER

Snow

Fog

Cloud

Wind

Temp

Barom

Humid

Notes

File No.

Sheet

Checked by

Date

Plotted by

Notes

Time

Type of Run

Type of Rod

Notes

Time

Type of Run

Type of Rod

Notes

Time

Type of Run

Type of Rod

Notes

Time

Type of Run

Type of Rod

Notes

Time

Type of Run

Type of Rod

Notes

Time

Type of Run

Type of Rod

Notes

Time

Type of Run

$$\begin{array}{r}
 36 \\
 36 \\
 \hline
 216 \\
 108 \\
 \hline
 1296 \\
 10841
 \end{array}$$

$$\begin{array}{r}
 47 \\
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 \end{array}$$

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 \end{array}$$

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 92 \\
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 79 \\
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 328 \\
 \hline
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 \hline
 318
 \end{array}$$

VALUABLE

SUBJECT Proposed Raw water Line
Location AND tie.

Return To
Public Works
Office
Camp Lejeune
North Carolina

FIELD PARTY

Medium In Charge
Instrument
Notes
Tape Read
Tape or Rod
Tape or Rod
Instrument No.
Tape No.

WEATHER

Clear
Cloudy
Windy
Rain
Fair

Snow
Hot
Moderate
Cold
Fog

FILE No. 160-6

Fldr. No. _____

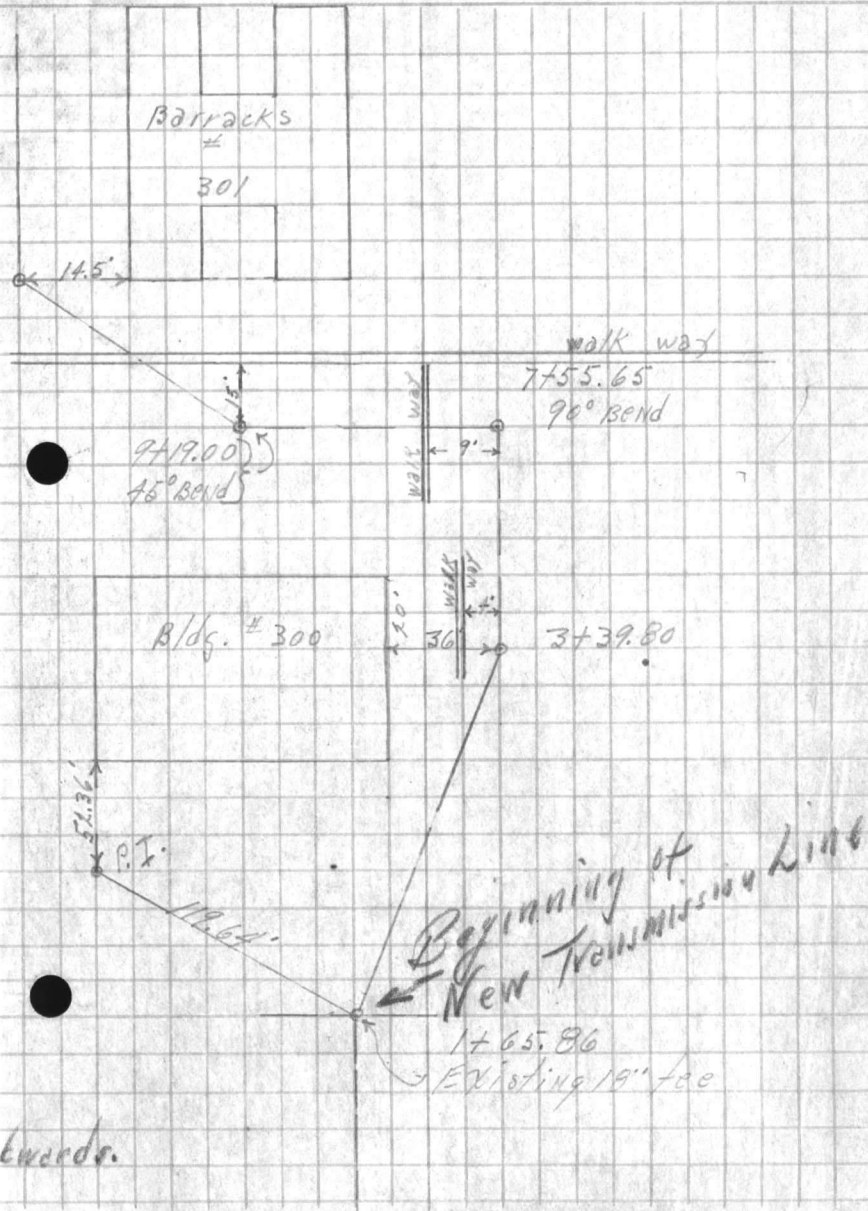
Sheet #104

Figured By _____
Notes Checked By _____
Plotted By _____

Date 1-23-1951

Quad. No. _____

| Station | Dist. | Angle | + | H. I. Bearing | Ver. Ang. Diff. | Elevation |
|---------------|---------------|-------|---|---------------|-----------------|---------------|
| P.I. 97489.36 | 1-45°-00'00" | | | | | |
| 15° BEND | 3-135°-00'00" | | | | | |
| MEAN | 45°-00'00" | | | | | |
| 70.36' | | | | | | |
| 9719.00 | 1-135°-00'00" | | | | | P.I. 97899.36 |
| 45° BEND | 3-45°-00'00" | | | | | 45° BEND |
| MEAN | 135°-00'00" | | | | | |
| 163.35' | | | | | | |
| 7755.65 | 1-269°-54'30" | | | | | |
| 90° BEND | 3-89°-37'15" | | | | | |
| MEAN | 269°-54'25" | | | | | |
| 115.85' | | | | | | |
| 3739.80 | 1-202°-31'30" | | | | | |
| | 3-272°-34'00" | | | | | |
| MEAN | 202°-31'30" | | | | | |
| 173.94' | | | | | | |
| 1765.86 | 1-272°-05'15" | | | | | |
| EXISTING | 3-702°-15'30" | | | | | |
| MEAN | 272°-05'10" | | | | | |
| P.I. | 1-245°-36'45" | | | | | |
| | 3-10°-50'30" | | | | | |
| MEAN | 245°-36'50" | | | | | |



Angles Reversed
Line was Produced Backwards.

WYOMING
Bureau To
Public Works
Office
Camp Johnson
Hardy, Wyoming

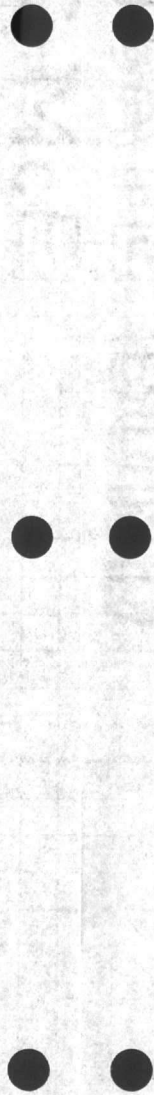
UNCLASSIFIED

EMERGENCY
In Charge
Inspector
No. 1
No. 2
No. 3
No. 4
No. 5
No. 6
No. 7
No. 8
No. 9
No. 10
No. 11
No. 12
No. 13
No. 14
No. 15
No. 16
No. 17
No. 18
No. 19
No. 20

WEATHER
Clear
Partly
Cloudy
Rain
Snow
Fog
Thunder
Storm
Hail
Sleet
Ice
Wind
Light
Moderate
Strong
Gale
Storm
Hurricane

FILE NO.
DATE
BY
REMARKS
APPROVED BY
DATE

Section
District
Area
H. I.
Manning
D. H.
Manning
D. H.



VALUABLE
Return To
Public Works
Office
Camp Lejeune
North Carolina

Station _____
Dist. _____
Ave. _____
Box No. _____
City _____
State _____
Zip _____

POST PARTY
Type _____
Time _____
Date _____
Address _____
City _____
State _____
Zip _____

WEATHER
Clear _____
Snow _____
Ice _____
Fog _____
Rain _____
Thunder _____
Wind _____
Temp _____

FILE NO. _____
Date _____
Checked By _____
Plotted By _____
Speed _____

56. 2/15/59

VALUABLE

Return To
Public Works
Office
Camp LeJeune
North Carolina

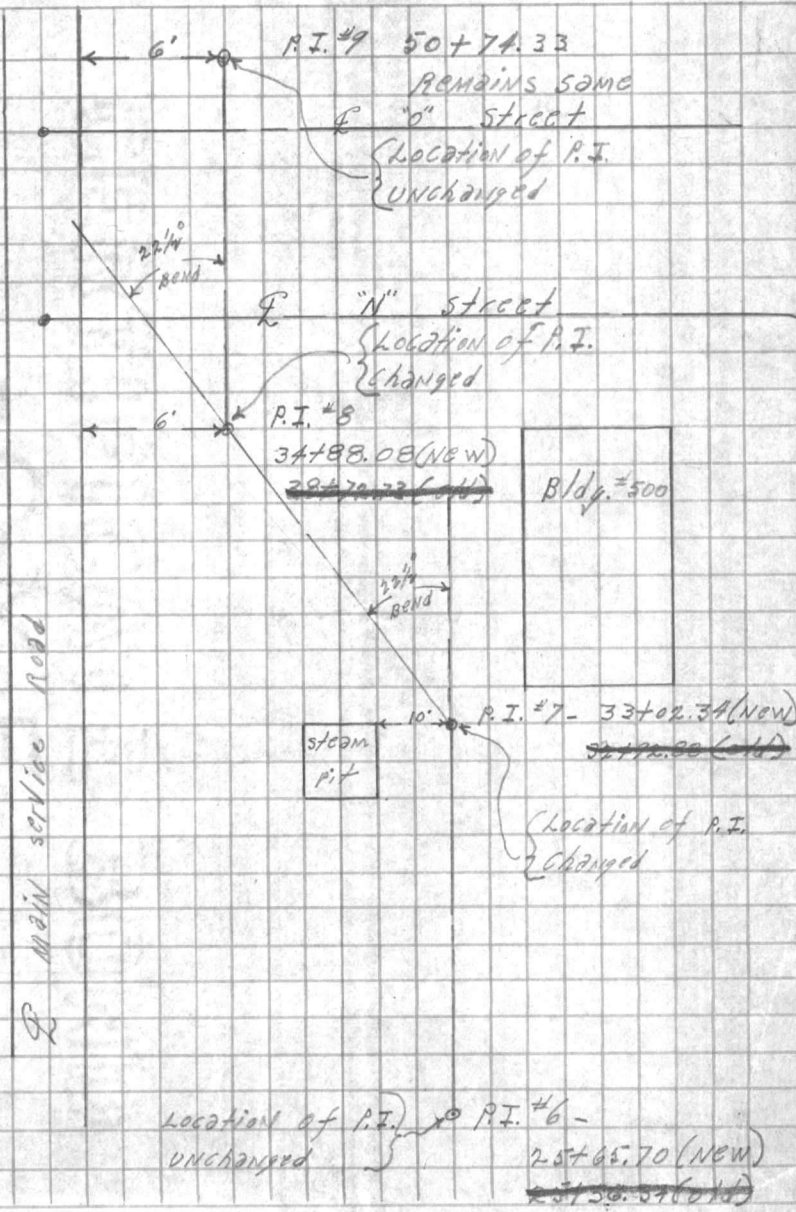
SUBJECT New Location of Proposed
ROW Water Line in Regimental Area
#5
see sheets dated 1-9-51
For tie.

FIELD PARTY
Kellum In Charge
Instrument _____
Notes _____
Tape Read _____
Tape or Rod _____
Tape or Rod _____
Instrument No. _____
Tape No. _____

WEATHER
Clear _____
Cloudy _____
Windy _____
Rain _____
Fair _____
Snow _____
Hot _____
Moderate _____
Cold _____
Fog _____
Figured By _____
Notes Checked By _____
Plotted By _____

FILE No. _____
Fldr. No. _____
Sheet 3 of _____
Date 1-22-1951
Quad. No. _____

| Station | Dist. | Angle " | + | H. I. Bearing | Ver: Ang. Diff. | Elevation |
|--|----------|--------------------------|---|---------------|-----------------|-----------|
| P.I. #9 50+74.33 to P.C. 65+14.43 | 1- 3- | 179°56'30" 179°49'15" | | | | |
| | | MEAN 179°56'25" | | | | 1586.25' |
| P.I. #8 34+88.08 | 1- 3- | 201°54'00" 145°41'30" | | | | |
| | | MEAN 201°53'50" | | | | 185.74' |
| P.I. #7 33+02.34 | 1- 3- | 157°30'15" 112°31'15" | | | | |
| | | MEAN 157°30'25" | | | | 736.64' |
| P.I. #6 25+65.70 | 1- 3- | 176°02'00" 168°06'30" | | | | |
| | | MEAN 176°02'10" | | | | |



FIELD NO. _____
DATE _____
SHEET _____
CHECKED BY _____
WEATHER _____
CLOUD _____
WIND _____
TEMP _____
PRESS _____
HUMID _____
RAIN _____
DRAINAGE _____
SLOPE _____
SOIL _____
ROCK _____
VEGETATION _____
ANIMALS _____
PLANTS _____
OTHER _____
COLLECTOR _____
LOCAL NAME _____
LOCAL USE _____
LOCAL VALUE _____
LOCAL PRICE _____
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LOCAL DISTRIBUTION _____
LOCAL ABUNDANCE _____
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LOCAL ADAPTABILITY _____
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LOCAL ADAPTABILITY _____
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FIELD NO. _____
DATE _____
SHEET _____
CHECKED BY _____
WEATHER _____
CLOUD _____
WIND _____
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PRESS _____
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LOCAL RESILIENCE _____
LOCAL ADAPTABILITY _____
LOCAL VULNERABILITY _____
LOCAL RESISTANCE _____
LOCAL TOLERANCE _____
LOCAL SENSITIVITY _____

Station _____
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H. I. _____
Base _____
Dist. _____
Elevation _____
Type No. _____
Date _____
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CHECKED BY _____
WEATHER _____
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WIND _____
TEMP _____
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LOCAL SUSTAINABILITY _____
LOCAL RESILIENCE _____
LOCAL ADAPTABILITY _____
LOCAL VULNERABILITY _____
LOCAL RESISTANCE _____
LOCAL TOLERANCE _____
LOCAL SENSITIVITY _____

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VALUABLE

Return To
Public Works
Office
Camp Lejeune
North Carolina

SUBJECT Proposed Water Line
Location
Tie Line from Transmission Line to
Water Storage Tank in Drill Field on
Holcomb Blvd.

FIELD PARTY

Kelton In Charge
Instrument _____
Notes _____
Tape Read _____
Tape or Rod _____
Tape or Rod _____
Instrument No. _____
Tape No. _____

WEATHER

Clear _____
Cloudy _____
Windy _____
Rain _____
Fair _____
Snow _____
Hot _____
Moderate _____
Cold _____
Fog _____

FILE No. 160-6

Fldr. No. _____

Figured By _____ Sheet 1 of 2

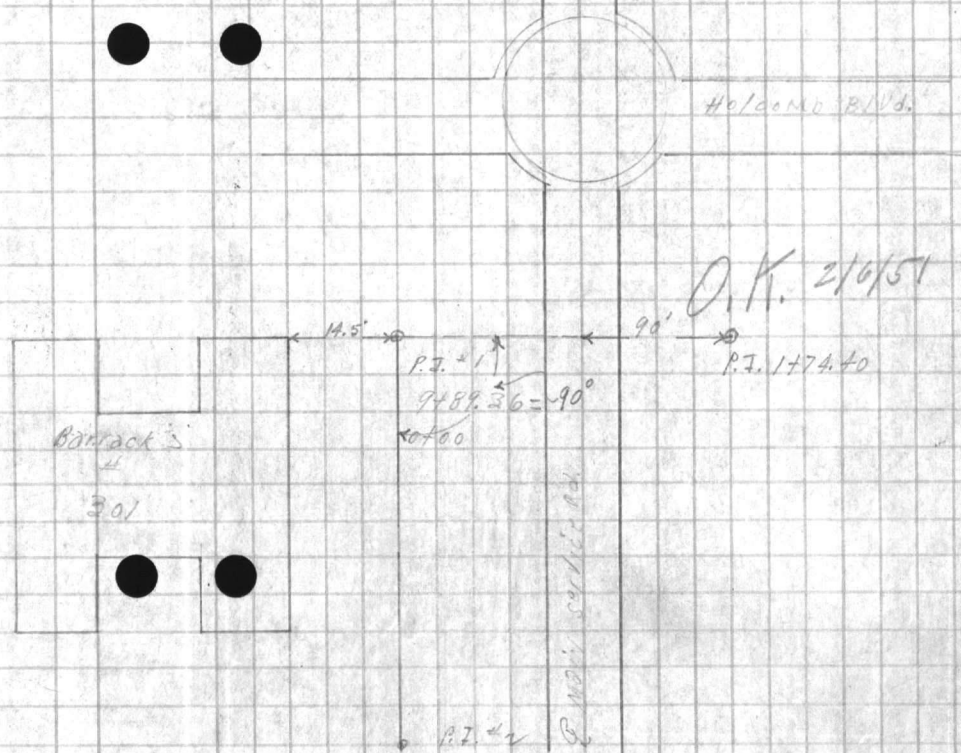
Notes Checked By _____

Plotted By _____ Date 1-26-51

Quad. No. _____

| Station | Dist. | Angle | + | H. I. Bearing | Ver: Ang. Diff. | Elevation |
|---------|-------|-------|---|---------------|-----------------|-----------|
|---------|-------|-------|---|---------------|-----------------|-----------|

1450



VALUABLE

SUBJECT Proposed water line location
Continued

Return To
 Public Works
 Office
 Camp Lejeune
 North Carolina

FIELD PARTY

_____ In Charge
 _____ Instrument
 _____ Notes
 _____ Tape Read
 _____ Tape or Rod
 _____ Tape or Rod
 _____ Instrument No.
 _____ Tape No.

WEATHER

Clear _____
 Cloudy _____
 Windy _____
 Rain _____
 Fair _____
 Snow _____
 Hot _____
 Moderate _____
 Cold _____
 Fog _____

FILE No. _____

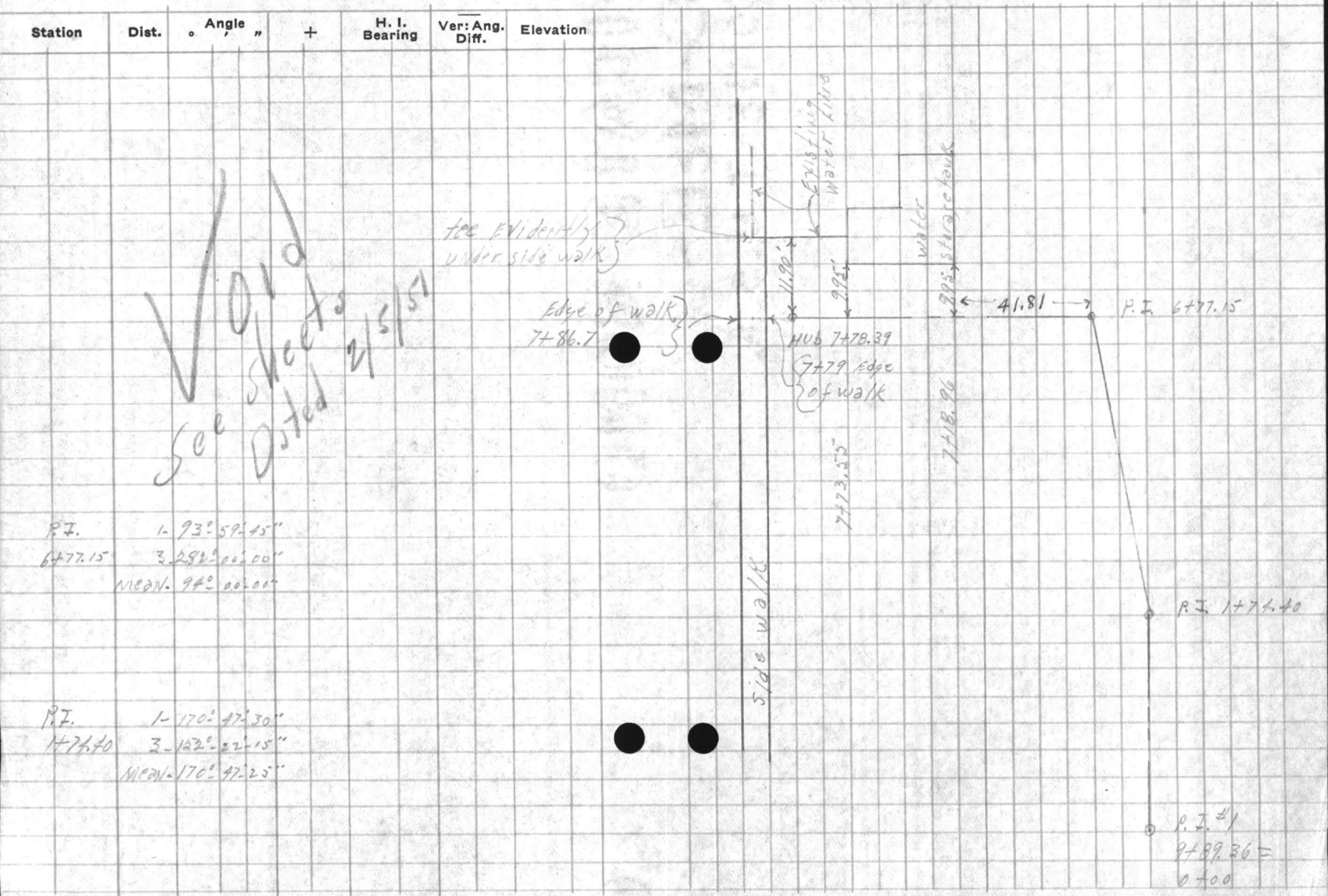
Fldr. No. _____

Figured By _____ Sheet 2 of 2

Notes Checked By _____

Plotted By _____ Date 1-26-1951

Quad. No. _____



VALUABLE

SUBJECT profile on proposed
water line to water storage
tanks

Return To
 Public Works
 Office
 Camp LeJeune
 North Carolina

FIELD PARTY

Kellum In Charge
 Instrument _____
 Notes _____
 Tape Read _____
 Tape or Rod _____
 Tape or Rod _____
 Instrument No. _____
 Tape No. _____

WEATHER

Clear _____
 Cloudy _____
 Windy _____
 Rain _____
 Fair _____

Snow _____
 Hot _____
 Moderate _____
 Cold _____
 Fog _____

FILE No. _____
 Fldr. No. _____
 Sheet 1 of 4
 Date 1-26- 1957
 Plotted By _____

Quad. No. _____

| Station | Dist. | Angle " | + | H. I. Bearing | Ver: Ang. Diff. | Elevation | |
|-----------|-------|---------|---|---------------|-----------------|-----------|-------------------------------------|
| B.M. | | | | 90 | | 26.30 | Finish Floor Barracks = 301 |
| 9+89.36 = | | | | 3.50 | 29.80 | | |
| 0+00 | | | | | 4.7 | 25.7 | |
| 0+10 | | | | | | | 9.5' left edge of steam pit |
| 0+15 | | | | | 6.75 | 23.05 | top of 12" steam main |
| 0+17 | | | | | 7.40 | 22.5 | top of 5" return |
| 0+21 | | | | | | | 10' left to edge of steam pit |
| 0+34 | | | | | 4.6 | 25.3 | Edge side walk |
| 0+41 | | | | | 4.6 | 25.3 | 12" G.I. water line under side walk |
| 0+47 | | | | | 9.1 | 20.8 | top of tel. conduit |
| 0+55 | | | | | 5.2 | 24.7 | 2' ditch |
| 0+64 | | | | | 4.0 | 25.9 | Bank - 11' left to fire hydr. |
| 0+73 | | | | | 3.5 | 26.4 | Edge of M.S. Rd. |
| 0+90 | | | | | 3.5 | 26.4 | " " " |
| 1+00 | | | | | 3.7 | 26.7 | |
| 1+08 | | | | | 4.1 | 25.8 | ditch |

Handwritten notes:
 2/6/51
 (Large scribble)

VALUABLE

SUBJECT Profile cont'd.

Return To _____
 Public Works _____
 Office _____
 Camp Lejeune _____
 North Carolina _____

FIELD PARTY

_____ In Charge
 _____ Instrument
 _____ Notes
 _____ Tape Read
 _____ Tape or Rod
 _____ Tape or Rod
 _____ Instrument No.
 _____ Tape No.

WEATHER

Clear _____
 Cloudy _____
 Windy _____
 Rain _____
 Fair _____

Snow _____
 Hot _____
 Moderate _____
 Cold _____
 Fog _____

FILE No. _____

Fldr. No. _____

Figured By _____ Sheet 2-044

Notes Checked By _____

Plotted By _____ Date 1-26-1951

Quad. No. _____

| Station | Dist. | Angle " | + | H. I. Bearing | Ver: Ang. Diff. | Elevation |
|--------------------|-------|---------|---|----------------------------------|-----------------|-------------------------|
| | | | | <u>29.90</u> 29.81 | | |
| 1420 | | | | | 2.6 | 26.3 |
| 1428 | | | | | 3.3 | 26.6 |
| 1435 | | | | | 3.2 | 26.7 |
| P.I. 1474.40 | | | | | 2.9 | 26.9 27.0 |
| 2400 | | | | | 2.7 | 27.2 |
| T.P. | | | | 970 | 2.83 | 26.97 |
| 4450 | | | | 5.90 | 3.1 | 27.5 |
| 3400 | | | | | 5.1 | 27.9 |
| 3750 top | | | | | 4.9 | 28.1 |
| 3788 1/3" stream | | | | | 7.25 | 25.72 |
| 3790 top 2" return | | | | | 2.22 | 25.55 |
| 4400 | | | | | 4.7 | 28.3 |
| 4450 | | | | | 4.8 | 28.2 |
| 5400 | | | | | 4.7 | 28.3 |
| 5450 | | | | | 4.8 | 28.2 |
| 6400 | | | | | 4.9 | 28.1 |

O.K.
 2/6/51
 Void
 See Sheets
 Dated 2/5/51

BANK
 Edge of walk

Note:
 Electric cable somewhere between 5400, 4450 and 5450. The way the cable goes through tunnel shows cable hitting water line at 4450. cable is about 30' deep.

See next sheet

FIELD PARTY
Station
Date
Angle
Bearing
Dist.
Elevation
V. Ang.
D.W.

SUBJECT

FIELD PARTY
In Charge
Instrument
Notes
Tape Rod
Tape or Rod
Tape or Rod
Tape or Rod
Tape or Rod

WEATHER
Clear
Partly
Cloudy
Windy
Rain
Fog
Snow
Hail
Mist
Thunder
Notes
Notes
Notes
Notes

FILE No.
Plot No.
Sheet
Date

FIELD PARTY

VALUABLE

SUBJECT

Profile contd.

Return To
Public Works
Office
Camp Lejeune
North Carolina

FIELD PARTY

In Charge
Instrument
Notes
Tape Read
Tape or Rod
Tape or Rod
Instrument No.
Tape No.

WEATHER

Clear
Cloudy
Windy
Rain
Fair
Snow
Hot
Moderate
Cold
Fog

FILE No.

Fldr. No.

Sheet

Date

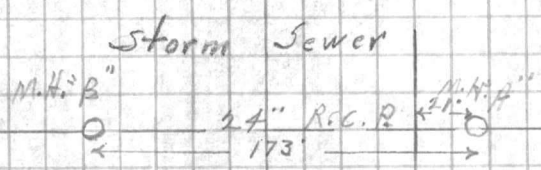
3-04

1-26-1951

Quad. No.

| Station | Dist. | Angle | H. I. Bearing | Ver. Ang. Diff. | Elevation |
|-----------------------------|-------|-------|---------------|-----------------|-----------|
| | | | 32.87 | | |
| 6+50 | | | | 5.0 | 28.0 |
| P.I. 6+77.15 | | | | 5.1 | 27.9 |
| INV. INM. H. "A" 24" R.C.P. | | | | 13.90 | 19.07 |
| INV. 24" R.C.P. IN M.H. "B" | | | | 14.36 | 18.61 |
| 6+88.6 | | | | 5.4 | 27.6 |
| STEAM PIT "A" | | | | 9.00 | 23.97 |
| top of 14" steam in pit "A" | | | | 9.10 | 23.87 |
| top of 8" return in pit "A" | | | | 9.70 | 23.27 |
| ON top 14" steam IN PIT "B" | | | | 8.65 | 24.32 |
| ON top 14" steam in PIT "B" | | | | 8.75 | 24.22 |
| ON top 8" return in PIT "B" | | | | 9.10 | 23.87 |
| 7+00 | | | | 4.8 | 28.2 |
| 7+05 | | | | 4.7 | 28.3 |
| 7+09 | | | | 4.32 | 28.45 |

Void



R between steam lines
Edge of steam tunnel

VALUABLE

SUBJECT

Profile contd.

Return To
Public Works
Office
Camp LeJeune
North Carolina

FIELD PARTY

_____ In Charge
 _____ Instrument
 _____ Notes
 _____ Tape Read
 _____ Tape or Rod
 _____ Tape or Rod
 _____ Instrument No.
 _____ Tape No.

WEATHER

Clear
 Cloudy
 Windy
 Rain
 Fair

Snow
 Hot
 Moderate
 Cold
 Fog

FILE No. _____

Fldr. No. _____

Figured By _____

Sheet

4 of 4

Notes Checked By _____

Plotted By _____

Date

1-26-1951

Quad. No. _____

| Station | Dist. | Angle | " | + | H. I. Bearing | Ver. Ang. Diff. | Elevation |
|----------------|-------|-------|---|---|------------------|--------------------|---------------|
| 7419 | | | | | 32.87 | 9.24 | 28.73 |
| | | | | | | | 24.04 |
| | | | | | | 8.93 | 22.74 |
| | | | | | | | 24.03 |
| | | | | | | 8.94 | 23.92 |
| | | | | | | | 26 |
| | | | | | | 9.71 | 23.76 |
| | | | | | | | 48 |
| | | | | | | 11.49 | 21.38 |
| 7455 | | | | | | 4.3 | 28.7 |
| 7470 | | | | | | 4.5 | 29.5 |
| 7478.39 | | | | | | 4.2 | 28.8 |
| | | | | | | | 47 |
| | | | | | | 2.30 | 27.27 |
| | | | | | | | 86 |
| | | | | | | 8.11 | 24.76 |
| B.M. | | | | | | 4.09 | 28.78 (28.88) |
| Floor Bldg. #1 | | | | | | 1.70 | 31.17 (31.30) |

Edge of steam tunnel

2' Right 8" Pipe 2.5' Left 10" Pipe

5' ± Electric cable

7' Right of Sta. 7478.39 TOP of 12" overflow pipe

on top of 12" existing water line at
Storage tankspike in guy pole on south side of Helcomb
Bldg. off S.W. cor. Bldg. #15

Void

RECEIVED

SUBJECT

Return to
Public Works
Office
Camp Johnson
North Carolina

WEATHER

FIELD PARTY

Blank No.

Snow
Ice
Fog
Rain
Cloud
Wind
Mist
Clear

in Charge

Instrument

Table Pass

Time of Day

Table of Day

Instrument No.

Table No.

Entered By

Notes Checked By

Entered By

Table No.

Vertical Elevation

Angle

Dist

Station

RECEIVED

RECEIVED

VALUABLE

SUBJECT PROPOSED RAW
WATER LINE STAKE OUT.
Tie to Existing 8" X 8" Tee at
Well # 9 on Snoods Ferry Road

Return To
 Public Works
 Office
 Camp LeJeune
 North Carolina

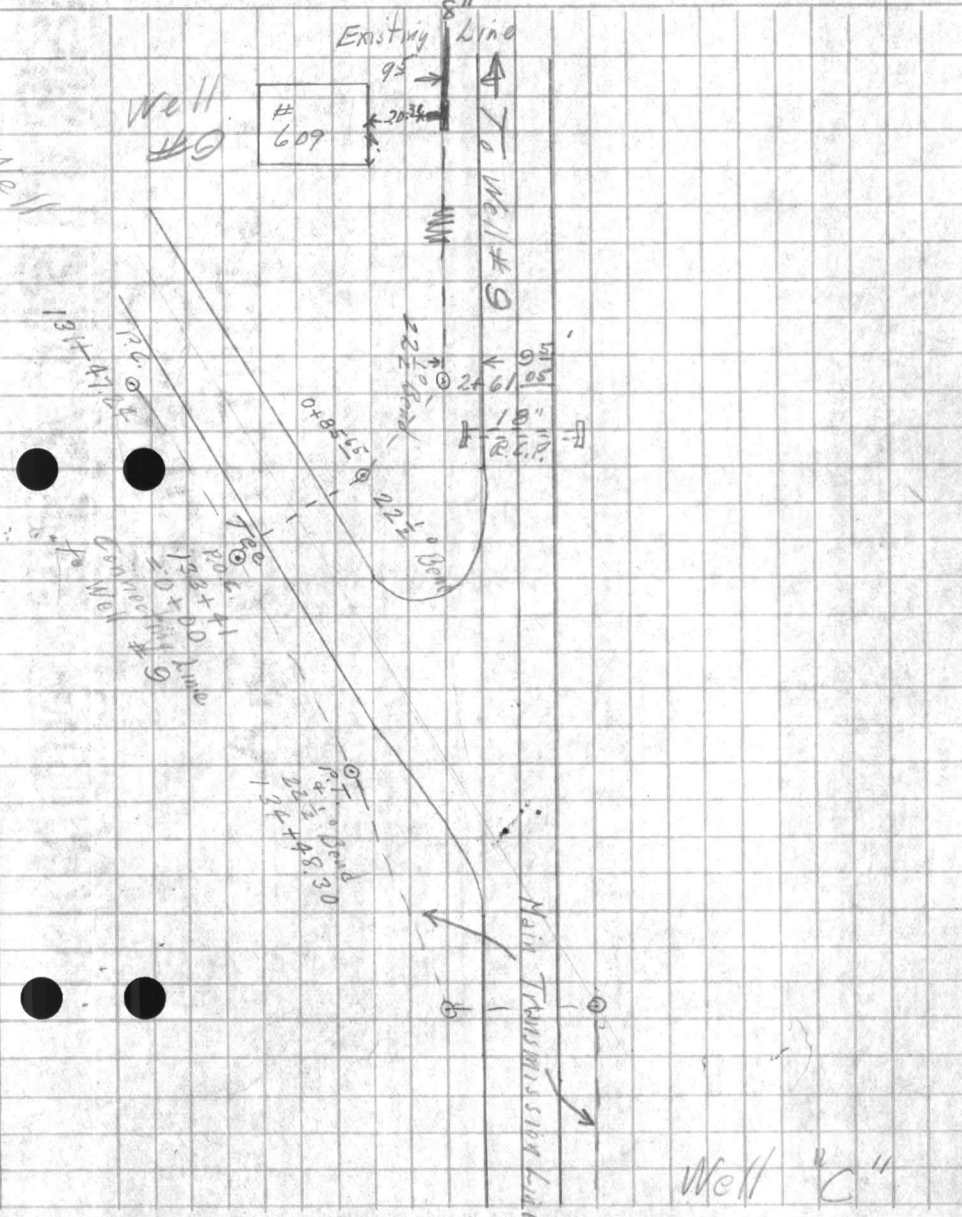
FIELD PARTY
DENNIS In Charge
 Instrument _____
 Notes _____
 Tape Read _____
 Tape or Rod _____
 Tape or Rod _____
 Instrument No. _____
 Tape No. _____

WEATHER
 Clear _____
 Cloudy _____
 Windy _____
 Rain _____
 Fair _____
 Snow _____
 Hot _____
 Moderate _____
 Cold _____
 Fog _____
 Figured By _____
 Notes Checked By _____
 Plotted By _____

FILE No. _____
 Fldr. No. _____
 Sheet 1 D F 1
 Date 1-27 1951

Quad. No. _____

| Station | Dist. | Angle | H. I. Bearing | Ver: Ang. Diff. | Elevation |
|-------------------------|---------------|-------------------|---------------|-----------------|-----------|
| 8" X 8" Tee 22+41.34 | | | | | |
| 22 1/2° Bend | 2+61.05 | 160° 20' 15" | | | 175.40 |
| 22 1/2° Bend | 0+85.65 | 157° 30' 00" | | | 85.65 |
| P.O.C. | 133+41 = 0+00 | 92° 35' = 90° Tee | | | |
| P.C. | 131+47.24 | 2° 35' Ret. | | | |



VALUABLE

SUBJECT

PROFILE DN
 PROPOSED RAW LINE
 TO Existing Well #9 on S.F. Rd.

Return To
 Public Works
 Office
 Camp LeJeune
 North Carolina

FIELD PARTY

DANNIS In Charge

Instrument

Notes

Tape Read

Tape or Rod

Tape or Rod

Instrument No.

Tape No.

WEATHER

Clear
 Cloudy
 Windy
 Rain
 Fair

Snow
 Hot
 Moderate
 Cold
 Fog

FILE No. _____

Fldr. No. _____

Sheet

1 OF 5

Date

1-27 1951

Figured By _____

Notes Checked By _____

Plotted By _____

Quad. No. _____

| Station | Dist. | Angle | H. I. Bearing | Ver. Ang. Diff. | Elevation | |
|---------------------|--------------------------|-------|---------------|-----------------|-----------|---|
| B.M. | | | 467 35 38 | | 30.71 | DN OAK TREE RIGHT OF SNEEDS Rd 8 M.S.R. INTERSECTION |
| 133+41 ² | Trans. Mark | | | | | |
| 0+00 | Lat. to Existing Well #9 | | | 6 1 | 29.3 | |
| 0+16 | | | | 5 0 | 30.4 | EDGE Rd. |
| 0+37 | | | | 5 0 | 30.4 | EDGE Rd. |
| 0+42 | | | | 5 2 | 30.2 | |
| 0+50 | | | | 5 7 | 29.7 | |
| 0+55 | | | | 6 4 | 29.0 | |
| 0+71 | | | | 4 1 | 31.3 | |
| 0+72 | 12' R | | 14" PINE | | | |
| 0+85 ² | | | | 3 5 | 31.9 | |
| 0+87 ² | 42' R | | TEL. POLE | | | |
| 1+00 | | | | 3 5 | 31.9 | |
| 1+06 | 13' LEFT | | 6" OAK | | | |
| 1+28 | 14' LEFT | | 10" PINE | 4 0 | 31.4 | |
| 1+40 | 13' LEFT | | 8" PINE | | | |
| 1+50 | | | | 4 4 | 31.0 | |

VALUABLE

SUBJECT

Region To
FBI to make
Office
Camp location
North Carolina

Station

Angle

+

H. Y.
Gearing

Alt. And
Elevation

Top

RECORDED

FIELD PARTY

In Charge

Instrument

Notes

Time Read

Time on Job

Time of Job

Instrument No.

Top No.

WEATHER

Clear

Hot

Moderate

Cold

Fog

Figured by

Notes checked by

Plotted by

FILE No.

Plot No.

Sheet

Date

19

AVAILABLE
Return to
Public Works
Office
Camp Lejeune
North Carolina

SUBJECT

Station
Dist.

Angle

Reading

Ver. A. 1. Elevate
Dist.

GENERAL

FIELD PARTY

In Charge

Assistant

Notes

Type of

Type of

Type of

Type of

WEATHER

Clear

Cloudy

Fog

Light

Notes Checked

Plotted

Grid No.

FILE NO.

FILE NO.

FILE NO.

FILE NO.

FILE NO.

VALUABLE

SUBJECT _____

Return To
Public Works
Office
Camp Lejeune
North Carolina

FIELD PARTY

 _____ In Charge
 _____ Instrument
 _____ Notes
 _____ Tape Read
 _____ Tape or Rod
 _____ Tape or Rod
 _____ Instrument No.
 _____ Tape No.

WEATHER

 Clear
 Cloudy
 Windy
 Rain
 Fair
 Snow
 Hot
 Moderate
 Cold
 Fog

FILE No. _____

Fldr. No. _____

Sheet 3055

Figured By _____

Notes Checked By _____

Plotted By _____ Date _____ 19____

Quad. No. _____

| Station | Dist. | Angle | H. I. Bearing | Ver. Ang. Diff. | Elevation | |
|---------|-------|-------|---------------|-----------------|-----------|--------------------|
| | | | 35 48 | | | |
| 6+50 | | | | 5 9 | 29.6 | |
| 7+00 | | | | 5 5 | 30.0 | |
| 7+50 | | | | 5 5 | 30.0 | |
| 8+00 | | | | 5 5 | 30.0 | |
| 8+50 | | | | 5 4 | 30.1 | |
| 9+00 | | | | 5 5 | 30.0 | |
| 9+50 | | | | 5 0 | 30.5 | |
| 10+00 | | | | 5 1 | 30.4 | |
| 10+50 | | | | 4 9 | 30.6 | |
| 11+00 | | | | 4 7 | 30.8 | |
| 11+11 | 19' | LEFT | TEL. POLE | | | |
| 11+50 | | | | 4 5 | 31.0 | |
| 11+80 | | | | 4 10 | 31.4 | EDGE TANK CROSSING |
| 11+88 | | | | 4 07 | 31.4 | EDGE TANK CROSSING |
| 12+00 | | | | 4 4 | 31.1 | |
| T.P. | | | | 3 46 | 32.02 | |
| | | 4 28 | 36 30 | | | |
| 12+50 | | | | 5 4 | 30.9 | |
| 13+00 | | | | 5 6 | 30.7 | |
| 13+50 | | | | 5 4 | 30.9 | |

VALUABLE
Return to
Public Works
Office
Camp Collins
Fort Collins

SUBJECT

FIELD PART
In Charge
Particulars
Notes
Type Road
Time of Day
Time of Day
Time of Day

WEATHER
Clear
Cloudy
Windy
Rain
Fog

FILE No.

Sheet No.

Sheet

Notes Checked By

Date

Grid No.

Station

Dist.

Angle

H. I.
bearing

Van And. Extension
Dist.

FIELD PART

VALUABLE

SUBJECT _____

Return To
Public Works
Office
Camp Lejeune
North Carolina

FIELD PARTY

_____ In Charge
_____ Instrument
_____ Notes
_____ Tape Read
_____ Tape or Rod
_____ Tape or Rod
_____ Instrument No.
_____ Tape No.

WEATHER

Clear
Cloudy
Windy
Rain
Fair

Snow
Hot
Moderate
Cold
Fog

FILE No. _____

Fldr. No. _____

Sheet 4055

Date _____ 19____

Figured By _____
Notes Checked By _____
Plotted By _____

Quad. No. _____

| Station | Dist. | Angle ° ' " | + | H. I. Bearing | Ver: Ang. Diff. | Elevation |
|---------|-------|----------------|---|------------------|--------------------|-----------|
| | | | | 36 30 | | |
| 14+00 | | | | | 5 6 | 30.7 |
| 14+50 | | | | | 5 5 | 30.8 |
| 15+00 | | | | | 5 6 | 30.7 |
| 15+50 | | | | | 5 5 | 30.8 |
| 16+00 | | | | | 5 6 | 30.7 |
| 16+50 | | | | | 5 6 | 30.7 |
| 17+00 | | | | | 5 8 | 30.5 |
| 17+50 | | | | | 5 7 | 30.6 |
| 18+00 | | | | | 5 7 | 30.6 |
| 18+50 | | | | | 5 5 | 30.8 |
| 19+00 | | | | | 5 A | 30.9 |
| T.P. | | | | | 4 74 | 31.56 |
| | | | | 3 91 | 35 40 | |
| 19+50 | | | | | 5 0 | 30.5 |
| 20+00 | | | | | 5 2 | 30.3 |
| 20+50 | | | | | 5 6 | 29.9 |

FILE NO.

SUBJECT

Reserve To
Public Works
Other
Camp Stations
North Carolina

Station

Dist

H.I.
Banding

Alt. And
D. A. Elevation

FIELD PARTY

In Charge

Instrument

Name

Lead

Type of Rod

Type of Rod

Remarks

WEATHER

Snow

Fog

Clouds

Wind

Temp

Pressure

Remarks

FILE NO.

DATE

TIME

BY

DATE

Vertical text in the center of the page, possibly a stamp or bleed-through, including the words "FIELD PARTY" and "STATION".

VALUABLE

SUBJECT _____

Return To
Public Works
Office
Camp LeJeune
North Carolina

FIELD PARTY

____ In Charge
____ Instrument
____ Notes
____ Tape Read
____ Tape or Rod
____ Tape or Rod
____ Instrument No.
____ Tape No.

WEATHER

Clear
Cloudy
Windy
Rain
Fair

Snow
Hot
Moderate
Cold
Fog

FILE No. _____

Fldr. No. _____

Sheet 5 DFS

Date _____ 19____

Figured By _____

Notes Checked By _____

Plotted By _____

Quad. No. _____

| Station | Dist. | Angle | " | + | H. I. Bearing | Ver: Ang. Diff. | Elevation |
|---------------------|-------|-------|---|---|------------------|--------------------|-----------|
| | | | | | 35 47 | | |
| 21+00 | | | | | 5 8 | | 29.7 |
| 21+50 | | | | | 6 3 | | 29.2 |
| 22+00 | | | | | 7 0 | | 28.5 |
| 22+41 ³⁴ | | | | | 7 3 | | 28.2 |
| | | | | | 12.3 | | 23.2 |
| B.M. #8 | | | | | 1 61 | | 33.86 |

Ground
Top of 8" x 8" Tee

ON 3rd Pole East of well #609

These
Elev. Checked by Two Runs of Check Levels.

AVAILABLE

Return to
Public Works
Office
Camp Lathrop
North Carolina

SUBJECT

Station

Date

Angle

Height
Sighting

Mag. And
Dist.

DATE
TIME
PLACE
NAME

TYPE
OF
FLOOD
HON
NO.

WATER
CHECKED
BY
PLACED
BY
DATE

WEATHER
Clear
Snow
Fog
Cloudy
Mist
Moderate
Rain
Cold
Cool

FILE NO.

DATE-BRIND

PUBLIC WORKS DEPARTMENT
Camp Lejeune, North Carolina
Survey Department

File _____
Quadrangle _____
Date 1/29/51
Sheet # 1 of 2

Traverse Computation
Description

Tie Line to Well House # 9 in Speeds Ferry Rd. " " " " " "
Tie Line to Water Storage Tank on Holcomb Blvd. from New Row Water Transmission Line

To Storage Tank

| Station | Distance | Bearing | Cosine | Sine | Latitude | Departure | Y Coordinate North | X Coordinate East |
|--------------------------------------|--|--------------|--------------------|--------|----------|-----------|--------------------|-------------------|
| P.I. 9+89.36 = 0+00 Tee | | N36°26'54" W | from P.I. 12+27.44 | | | | 336,779.06 | 2,496,717.42 |
| P.I. 1+74.40 11 1/4° Bend | 174.40 | N53-33-06 E | 594098 | 804393 | 103.61 | 140.29 | 336,882.67 | 2,496,857.77 |
| P.I. 6+77.15 Tee or 90° Bend | 502.75 | N44-20-31 E | 715181 | 698939 | 359.56 | 351.39 | 337,242.23 | 2,497,209.16 |
| P.I. 7+78.39 | 101.24 | N41-39-29 W | 747125 | 664684 | 75.64 | 67.29 | 337,317.87 | 2,497,141.87 |
| See Location Sheet for Tie ± | <div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block;"> Changed to New Location 2/6/51 See Attached sheet Date 2/6/51 </div> | | | | | | | |
| P.I. 12 to P.I. #11 | | N82°46'13" W | | | | | 332,376.19 | 2,507,712.29 |
| P.C. 131+47.24 | 150.43 | " | 125848 | 992049 | 18.93 | 149.23 | 332,395.12 | 2,507,563.06 |
| P.O.C. 133+41 = 0+00 Tee | 193.69 | S80-11-13 E | 170434 | 985369 | 33.01 | 190.86 | 332,362.11 | 2,507,753.92V |
| P.I. 0+85.65 22 1/2° Bend | 85.65 | N12-23-47E | 976686 | 214674 | 83.65 | 18.39 | 332,445.76 | 2,507,772.31 |
| P.I. 2+61.05 22 1/2° Bend | 175.40 | N10-06-13 W | 984492 | 175429 | 172.68 | 30.77 | 332,618.44 | 2,507,741.54 |
| P.I. 22+41.34 = 8"x8" Tee at Well #9 | 1980.29 | N29-45-58 W | 868059 | 496461 | 1719.01 | 983.14 | 334,337.45 | 2,506,758.40 |

74.40
25.60

0.0

D 20 40'
R 2148.79

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C. 20250

DATE
BY
CHECK NO.
2148.79

VALENTINE

SUBJECT

Row 1
Rolls
Over
Grand
New

Station

Dist

Angle

Boat

Dist

Wind

FIELD PARTY

In Charge

Instrument

Name

Time Read

Time on Rod

Time of Rod

Remarks

Time

WEATHER

Clear

Cloudy

Wind

Temp

Bar

Humidity

Pressure

FILE No.

Plot No.

Sheet

Date

FILE No.

FILED

VALUABLE

SUBJECT

Profile and topog. on
Relocation of water line Bldg. #1 Area.Return To
Public Works
Office
Camp Lejeune
North Carolina

FIELD PARTY

In Charge _____
Instrument _____
Notes _____
Tape Read _____
Tape or Rod _____
Tape or Rod _____
Instrument No. _____
Tape No. _____

WEATHER

Clear _____
Cloudy _____
Windy _____
Rain _____
Fair _____
Snow _____
Hot _____
Moderate _____
Cold _____
Fog _____

FILE No. _____

Fldr. No. _____

Sheet 2 of 4

Date 2-5-1951

Quad. No. _____

| Station | Dist. | Angle | " | + | H. I. Bearing | Ver: Ang. Diff. | Elevation | |
|---------|----------|-------|---|---|------------------|--------------------|-----------|--------------------------------------|
| B.M. | | | | | | ✓ | 28.89 | Spike in guy pole front of Bldg. #15 |
| | | | | | | ✓ | | |
| 1+74.40 | 45° Bend | | | | | 6.3 | 27.0 | |
| 2+00 | | | | | | 6.4 | 27.1 | |
| 2+32 | | | | | | | | Small planted tree 12' left |
| 2+50 | | | | | | 5.8 | 27.5 | |
| 2+56 | | | | | | | | Power pole 11' left |
| 2+56 | | | | | | 10.4 | 22.9 | top of 6" steam return |
| 2+59 | | | | | | 9.6 | 23.7 | top of 12" steam main |
| 2+65 | | | | | | | | 12' right to guy wire anchor |
| 2+88 | | | | | | | | 9' left 4" planted tree |
| 3+00 | | | | | | 8.5 | 27.8 | |
| 3+50 | | | | | | 5.2 | 28.1 | |
| 3+57 | P.I. | | | | | | | 8' left point of structure |
| 3+82 | | | | | | | | 9' left to 3" planted tree |
| 4+00 | | | | | | 4.8 | 28.5 | |
| 4+31 | | | | | | | | 9' left small planted tree |

SUBJECT

Return To
Public Works
Office
Camp Lejeune
North Carolina

Station

Date

AMSD

Reading

Veritas

Envision

LEAD PARTY

In Charge

Inspector

Name

Type Head

Type of Film

Type of Roll

Exposure No.

Take No.

WEATHER

Clear

Cloud

Wind

Moisture

Temp

Humidity

Pressure

Other

Film No.

Roll No.

Sheet

Date

(Ink No.)

VALUABLE

SUBJECT

Profile and Topog.

Return To
Public Works
Office
Camp Lejeune
North Carolina

FIELD PARTY

In Charge _____
Instrument _____
Notes _____
Tape Read _____
Tape or Rod _____
Tape or Rod _____
Instrument No. _____
Tape No. _____

WEATHER

Clear _____
Cloudy _____
Windy _____
Rain _____
Fair _____
Snow _____
Hot _____
Moderate _____
Cold _____
Fog _____
Figured By _____
Notes Checked By _____
Plotted By _____

FILE No. _____
Fldr. No. _____
Sheet *3 of 4*
Date *2-5-1937*

Quad. No. _____

| Station | Dist. | Angle | " | + | H. I. Bearing | Ver. Ang. Diff. | Elevation | |
|---------|-------|-------|---|---|---------------|-----------------|-----------|------------------------------------|
| | | | | | 33.31 | ✓ | | |
| 442 | | | | | | | | 10' Right End of steam tunnel pit |
| 456 | | | | | 9.6 | | 28.7 | 10' Right to Edge of Pit |
| 482 | | | | | | | | 9' Left 3" planted tree |
| T.B.M. | | | | | 1.74 | | 28.57 | |
| | | | | | 5.04 | | 33.69 | |
| 431 | | | | | 10.15 | | 23.54 | top of 14" steam main |
| 433.5 | | | | | 10.90 | | 23.29 | top of 8" return |
| 500 | | | | | 5.0 | | 28.6 | |
| 531 | | | | | | | | 9' Left to 3" planted tree |
| 532 | | | | | | | | 12' Right to angle in steam tunnel |
| 550 | | | | | 5.9 | | 28.3 | |
| 581 | | | | | | | | 9' Left to small planted tree |
| 600 | | | | | 5.3 | | 28.4 | |
| 637 | | | | | | | | 6" black gum on line |
| 650 | | | | | 5.3 | | 28.4 | |

Station
Camp Lejeune
North Carolina

SUBJECT

Barometric
Pressure

Other

Station

Dir.

Angle

Barang

Var. Ang.

Elevation

Tap No.
Instrument No.

Tap at End

Tap on Rod

Tap Lead

Notes

Instrument

In. Operate

FIELD PARTY

WEATHER

Cloud

Wind

Rain

Fog

Other

Remarks

Time

Date

FILE No.

Field No.

Sheet

Checked By

Plotted By

Date

VALUABLE

SUBJECT

Profile and topog. cont'd

Return To
Public Works
Office
Camp Lejeune
North Carolina

FIELD PARTY

In Charge _____
Instrument _____
Notes _____
Tape Read _____
Tape or Rod _____
Instrument No. _____
Tape No. _____

WEATHER

Clear _____
Cloudy _____
Windy _____
Rain _____
Fair _____
Snow _____
Hot _____
Moderate _____
Cold _____
Fog _____

FILE No. _____

Fldr. No. _____

Sheet

4 of 4

Date

2-5-1957

Figured By _____

Notes Checked By _____

Plotted By _____

Quad. No. _____

| Station | Dist. | Angle | " | + | H. I. Bearing | Ver: Ang. Diff. | Elevation |
|---------|-------|-------|---|---|------------------|--------------------|-----------|
|---------|-------|-------|---|---|------------------|--------------------|-----------|

33.69

✓

6+61

8' Right to 10" pine

6+75

1' Right to 8" Pine

P.I. 6+87

5.3

28.

 $\frac{4}{2}$

7+00

5.2

28.

 $\frac{5}{4}$

7+21

4.82

28.

 $\frac{87}{77}$

Edge of 8' sidewalk

7+31.10

1.89

28.

 $\frac{80}{72}$

7+41.10

4.92

28.

 $\frac{77}{67}$

on sidewalk over existing fee

8.87

24.

 $\frac{82}{74}$

top of existing 12" main

B.M.

1.80

28.81

(28.89)

spike in guy pole opposite B.M. #15

VALENTINE
Form for
Public Works
Office
Camp Lejeune
North Carolina

SUBJECT

Station Dist. Angle H. L. H. L. H. L. H. L.
Bearing Bearing Bearing Bearing Bearing Bearing Bearing

FIELD PARTY
In Charge _____
Instrument _____
Notes _____
Tape Rod _____
Type of Rod _____
Type of Rod _____
Instrument No. _____
Tape No. _____

WEATHER
Clear _____
Cloudy _____
Windy _____
Rain _____
Fog _____
Faintly _____
Notes Checked By _____
Placed By _____

FIELD NO. _____
Fid. No. _____
Sheet _____
Date _____

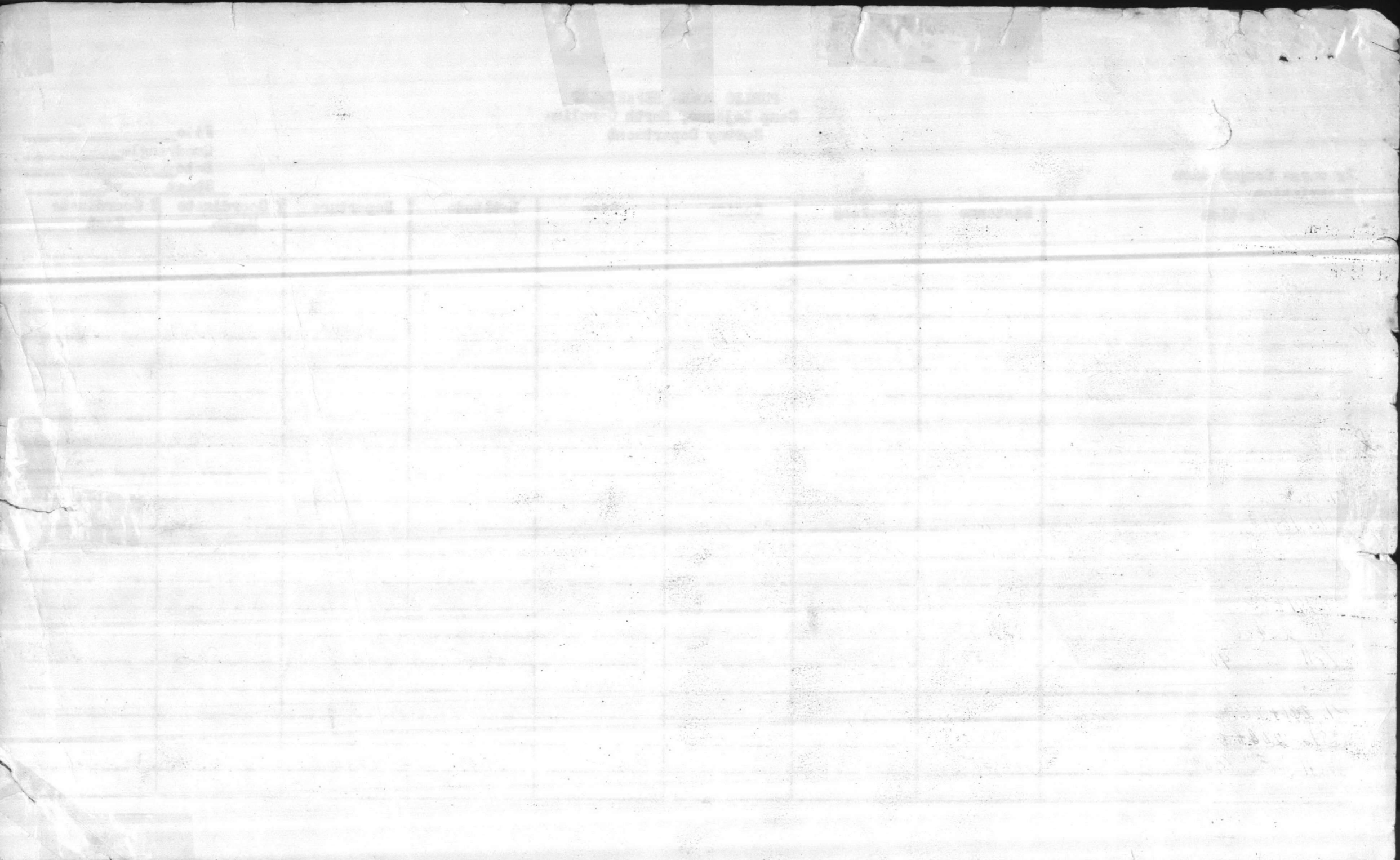
PUBLIC WORKS DEPARTMENT
Camp Lejeune, North Carolina
Survey Department

File 160-5
Quadrangle _____
Date _____
Sheet _____ of _____

Traverse Computation
Description

Proposed Well Sites - Main Service Road & Sweets Ferry Road.

| Station | Distance | Bearing | Cosine | Sine | Latitude | Departure | Y Coordinate North | X Coordinate East |
|--------------------------------------|----------|--------------------------------------|---------|---------|----------|-----------|--------------------|-------------------|
| * Well "A" See sheet Dated 1/22/51 - | | | | | | | * 333,733.27 | 2,503,588.39 |
| P.I. #10 95+33.96 | | Water Trans. Line to New Well Sites. | | | | | 332,850.13 | 2,503,978.66 |
| Sta. 109+00 | 1366.04 | 582°45'36"E to P.I. #11 | 126026 | 992027 | 172.16 | 1355.15 | 332,677.97 | 2,505,333.81 |
| * Well "B" 90° 85' 04" E Rd. | 68.00 | 57-14-24 W | 992027 | 126026 | 67.46 | 18.57 * | 332,610.51 | 2,505,325.24 |
| P.I. 135+86.23 | | 529°41'15"E to P.I. 145+58.51 | | | | | 332,293.66 | 2,507,969.40 |
| Sta. 140+00 | 413.77 | " | 8687396 | 195269 | 359.46 | 204.93 | 331,934.20 | 2,508,174.33 |
| * Well "C" 90° 108.5' 04" E Rd. | 91.5 | N60-18-45 E | 495269 | 8687396 | 45.32 | 79.49 * | 331,979.52 | 2,508,253.82 |
| P.I. 162+12.30 | | 528°58'06"E to P.I. 177+00.60 | | | | | 330,005.26 | 2,509,251.44 |
| Sta. 169+0 | 687.70 | " | 8748875 | 484326 | 601.66 | 333.07 | 329,403.60 | 2,509,585.51 |
| * Well "D" 90° 108.5' 04" E Rd. | 91.5 | N61-01-54 E | 484326 | 8748875 | 44.32 | 80.05 * | 329,447.92 | 2,509,669.56 |
| P.I. 191+83.12 | | 528°59'22"E to P.I. 213+82.16 | | | | | 327,406.48 | 2,510,694.71 |
| Sta. 204+0 | 1216.88 | " | 874709 | 484648 | 1064.42 | 589.76 | 326,342.06 | 2,511,284.87 |
| * Well "E" 90° 108.5' 04" E Rd. | 91.5 | N61-00-38 E | 484648 | 874709 | 44.35 | 80.04 * | 326,386.41 | 2,511,364.51 |
| P.I. 236+00.00 | | N18°12'38"W Back to P.I. 222+47.13 | | | | | 323,427.89 | 2,512,573.55 |
| Sta. 233+0 | 300.00 | " | 949914 | 312510 | 284.97 | 93.75 | 323,712.86 | 2,512,480.10 |
| * Well "F" 90° 108.5' 04" E Rd. | 91.5 | N71-47-22 E | 312510 | 949914 | 28.59 | 86.92 * | 323,741.45 | 2,512,566.02 |



Well Sites A, B, C, D, E, F, G

