

W. BATHUR
Snow
Cloudy
Wind
Temp
Bar
Humid
Wind
Temp
Bar
Humid
Wind
Temp
Bar
Humid

Station
Dist
Elev
Wind
Temp
Bar
Humid

ATTENTION
FACE DOWN
ENTIRE

VALUABLE

Return To
Public Works
Office
Camp Lejeune
North Carolina

SUBJECT U.S.F. "FISH" AND COURT HOUSE
RAIL ROAD TRAVERSE CONTINUED.

FIELD PARTY
KELLM In Charge
BALWIN Instrument
KELLM Notes
FRESHWATER Tape Read
PADETT 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 2-059
Date 2-12 1916

Quad. No. _____

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

455.73

455.75' -0.03

Mag. S. 75° 15' E

TEMP. 58° 10:15 A.M.

P.I.#4 1- 240° 06' 00"

240° 06' 30"

2+93.31 3- 0° 18' 30"

0° 20' 00"

MEAN-240° 06' 10"

240° 06' 40"

293.29

293.31' -0.03

TEMP. 52° 3:40 P.M.

P.I.#3 1- 182° 56' 45"

182° 56' 45"

4+82.62 3- 188° 50' 15"

188° 57' 00"

MEAN. 182° 56' 45"

182° 56' 40"

483.56

59
4+83.62' -0.05

Mag. N. 43° 15' E

TEMP. 52° 3:20 P.M.

P.I.#2 1- 159° 07' 15"

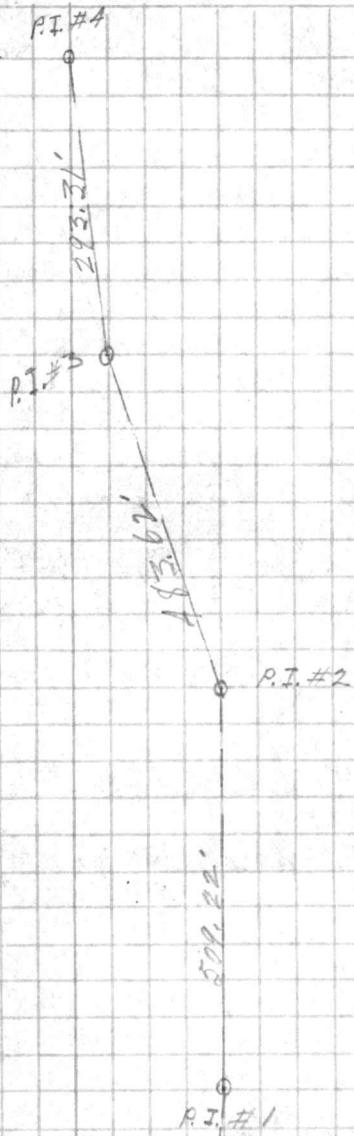
159° 07' 45"

5+09.22 3- 117° 22' 00"

117° 23' 15"

MEAN-159° 07' 20"

159° 07' 45"



ATLANTA

SUBJECT

Return To
Public Works
Office
Cann Latham
North Carolina

STATION

Dist.

Angle

Station

Dist.

M. I. Vertical Elevation

PRECIPITATION

Amount in Gauge

Direction of

Winds

Time of Day

Time of Day

Time of Day

Time of Day

WEATHER

Clear

Cloudy

Light

Drizzle

Light

Drizzle

Light

FILE NO.

FILE NO.

FILE NO.

FILE NO.

FILE NO.

Wind No.

WAVE NUMBER
10000

VALUABLE

SUBJECT

FISH TRAVERSE CONT.

Return To
Public Works
Office
Camp Lejeune
North Carolina

FIELD PARTY

KELLY In Charge
BALDWIN Instrument
KELLY Notes
FRESHWATER Tape Read
BRIGGETT Tape or Rod
Instrument No. _____
Tape No. _____

WEATHER

Clear
Cloudy
Windy
Rain
Fair

Snow
Hot
Moderate
Cold
Fog

FILE No. _____

Fldr. No. _____

Sheet

3-0F9

Date

2-13 1946

Figured By _____

Notes Checked By _____

Plotted By _____

Quad. No. _____

Station	Dist.	Angle " "	+	H. I. Bearing	Ver: Ang. Diff.	Elevation
		496.80				
	83					
	416.78'	-0.01		Mag. S. 26°-00' E		
				TEMP. 64° 11/10 P.M.		
P.T. #6	1-	321° 35' 45"		321° 36' 15"		
471.92	3-	241° 47' 45"		241° 48' 00"		
	MEAN.	321° 35' 35"		321° 36' 20"		
				180		
				101		
		471.94				
	97					
	415.75'	-0.01		TEMP. 64° 11/15 A.M.		
P.T. #5	1-	86° 02' 00"		86° 02' 00"		
415.75	3-	258° 06' 15"		258° 06' 00"		
	MEAN.	86° 02' 05"		86° 02' 00"		

NEW RIVER

WATER Edge HIGH WATER

W.

2nd Rd.

P.T. #6

374.0 MET. H.B.

274.0 MET. H.B.

374.0 MET. H.B.

P.T. #5

455.75'

P.T. #4

70 H.B. #1

VALUABLE

SUBJECT

"FISH" TRAVERSE CONTINUED

Return To
Public Works
Office
Camp Lejeune
North Carolina

FIELD PARTY

KELLY In Charge
BALLWIN Instrument
KELLY Notes
FRESHWATER Tape Read
MARSH Tape or Rod
Instrument No. _____
Tape No. _____

WEATHER

Clear
Cloudy
Windy
Rain
Fair

Snow
Hot
Moderate
Cold
Fog

FILE No. _____

Fldr. No. _____

Sheet

A-019

Figured By _____

Notes Checked By _____

Plotted By _____

Date

2-13 1946

Quad. No. _____

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

P.I. #9
1- 196° 11' 00"

791.27 3- 228° 34' 15"

MEAN- 196° 11' 05"

TEMP. 63° - 2:50 P.M.

196° 11' 30"

228° 34' 15"

196° 11' 25"

FROM P.I. #9
TO P.O.T. #1 1- 196° 11' 30"

3- 228° 34' 30"

MEAN- 196° 11' 30"

791.23

791.24 - 0.03

M.P. S. 30° 00' E

TEMP. 62° - 2:00 P.M.

P.I. #8 1- 141° 14' 30"

296.42 3- 63° 44' 15"

MEAN- 141° 14' 25"

141° 14' 45"

63° 44' 15"

141° 14' 45"

298.43

TEMP. 66° - 1:40 P.M.

P.I. #7 1- 214° 34' 30"

1496.78 3- 283° 48' 30"

MEAN- 214° 34' 30"

214° 34' 30"

283° 48' 45"

214° 34' 35"

25' 70' R. RD.

1670 R. ROAD.

P.I. #7

56.23

1670 R. ROAD.

P.I. #6

56.23

1670 R. ROAD.

P.I. #5

56.23

1670 R. ROAD.

P.I. #4

56.23

P.I. #9

63.53

72.57

57.72

791.27

791.27

791.27

791.27

791.27

791.27

791.27

791.27

791.27

791.27

791.27

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791.27

791.27

791.27

791.27

791.27

217 W 119 M

217 W 119 M

217 W 119 M

217 W 119 M

217 W 119 M

217 W 119 M

217 W 119 M

217 W 119 M

WIDTH OF ROAD IS

P.I. #6

ADDITIONAL

Return to
Quinto Works
OWO
Camp Lejeune
P.O. Box 9111
Beaufort, N.C.

SUBJECT

Station

Date

Abate

Section

W. H. 107

Elevation

FIELD PARTY

Members

Equipment

Notes

Map Read

Top of Hill

Type of Hill

Height in

Feet

WEATHER

Clear

Cloudy

Windy

Fog

Light

Dark

Other

W. H. No.

Map

Scale

Notes

Checked by

Date

Other

Notes

VALUABLE

SUBJECT "FISH" TRAVERSE CONT.

Return To
Public Works
Office
Camp Lejeune
North Carolina

FIELD PARTY

KELLY In Charge
BLUMIN Instrument
KELLY Notes
FRESHWATER Tape Read
PROBETT 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 5-0 F 9

Date 2-13 19 96

Quad. No. _____

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

3660.13

³⁸
3660.34'

MA9.S. 35°00' E

TEMP. 72° 9:25 A.M.

1628.71

P.I.#10-6 1- 159°37'45"

159°38'00"

16+28.64 3- 118°53'45"

118°54'00"

MEAN- 159°37'55"

159°38'00"

-0.05

-0.08

Discrepancy
in this Traverse

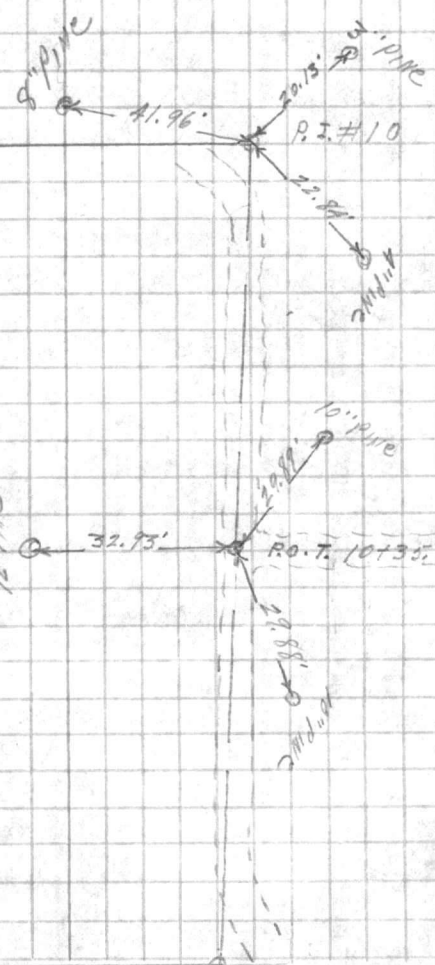
P.O.T.#1 1- 180°00'00"

10+35.80 3- 180°00'00"

MEAN- 180°00'00"

1628.71
1035.80
592.91

1628.64



P.I.#9

VALUABLE

SUBJECT

Return To
Public Works
Office
Grand Island
North Carolina

Station
Dist.

Bearing

Elevation

FIELD PARTY

Charge

Assistants

Notes

Time

Place

Date

Remarks

WEATHER

Clear

Cloudy

Windy

Fog

Thunder

Light

Other

FIELD NO.

Pub. No.

Sheet

Date

Time

Place

Date

Time

Place

Date

Time

Place

Date

Time

Place

Date

Time

Place

Date

Time

Place

Date

Time

Place

Date

Time

Place

Date

Time

Place

Date

Time

VALUABLE

SUBJECT FISH TRAVERSE CONT.

Return To
Public Works
Office
Camp Lejeune
North Carolina

FIELD PARTY

KELLMAN In Charge
BALDWIN Instrument
KELLMAN Notes
FRESHWATER Tape Read
PRYETT 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 6-01-9

Date 2-19 1926

Figured By _____
Notes Checked By _____
Plotted By _____

Quad. No. _____

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

978.37

46
976.52

MAG. S. 34° 00' E
TEMP. 59° 11:00 A.M.

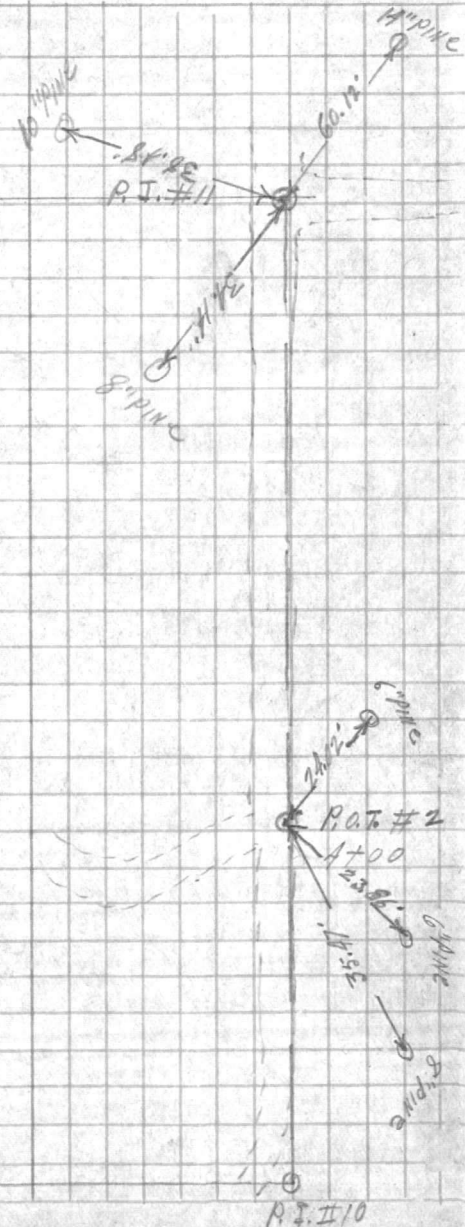
P.I. #11
36+60.34
1- 188° 40' 15"
3- 182° 01' 15"
MAG. 180° 40' 15"

180° 40' 30"
182° 01' 30"
180° 40' 30"

38 +0.08

P.O.T. #2
4+00

3660.58



TABLE

SUBJECT

Return to
Public Works
Office
Care of Liaison
Officer

Station

Angle

Station

Angle

Station

FIELD PARTY

Name

Position

Notes

Time

Remarks

Remarks

Remarks

WEATHER

Clear

Cloudy

Fog

Light

Notes

Remarks

Remarks

File No.

File No.

Sheet

Date

File No.

W
A
T
E
R

111

WEATHER
WIND
TEMP
PRESS
HUMIDITY
DIRECTION
SPEED
STATE

FIELD DATA
STATION NUMBER
DATE
TIME
OBSERVER
LOCAL TIME
TIME ZONE

VALUE

UNIT
SCALE
CORRECTION
REMARKS



VALUABLE

SUBJECT FISH TRVERSE CONT.

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NEW RIVER, N. C.

FIELD PARTY

KELLMAN IN CHARGE
BALDWIN INSTRUMENT
KELLMAN NOTES
FRESHWATER TAPE READ
PAQUETT TAPE OR ROD
TAPE OR ROD
INSTRUMENT No. _____
TAPE No. _____

WEATHER

CLEAR SNOW
CLOUDY HOT
WINDY MODERATE
RAIN COLD
FAIR FOG

FILE No.

FLDR. No.

SHEET 8-019

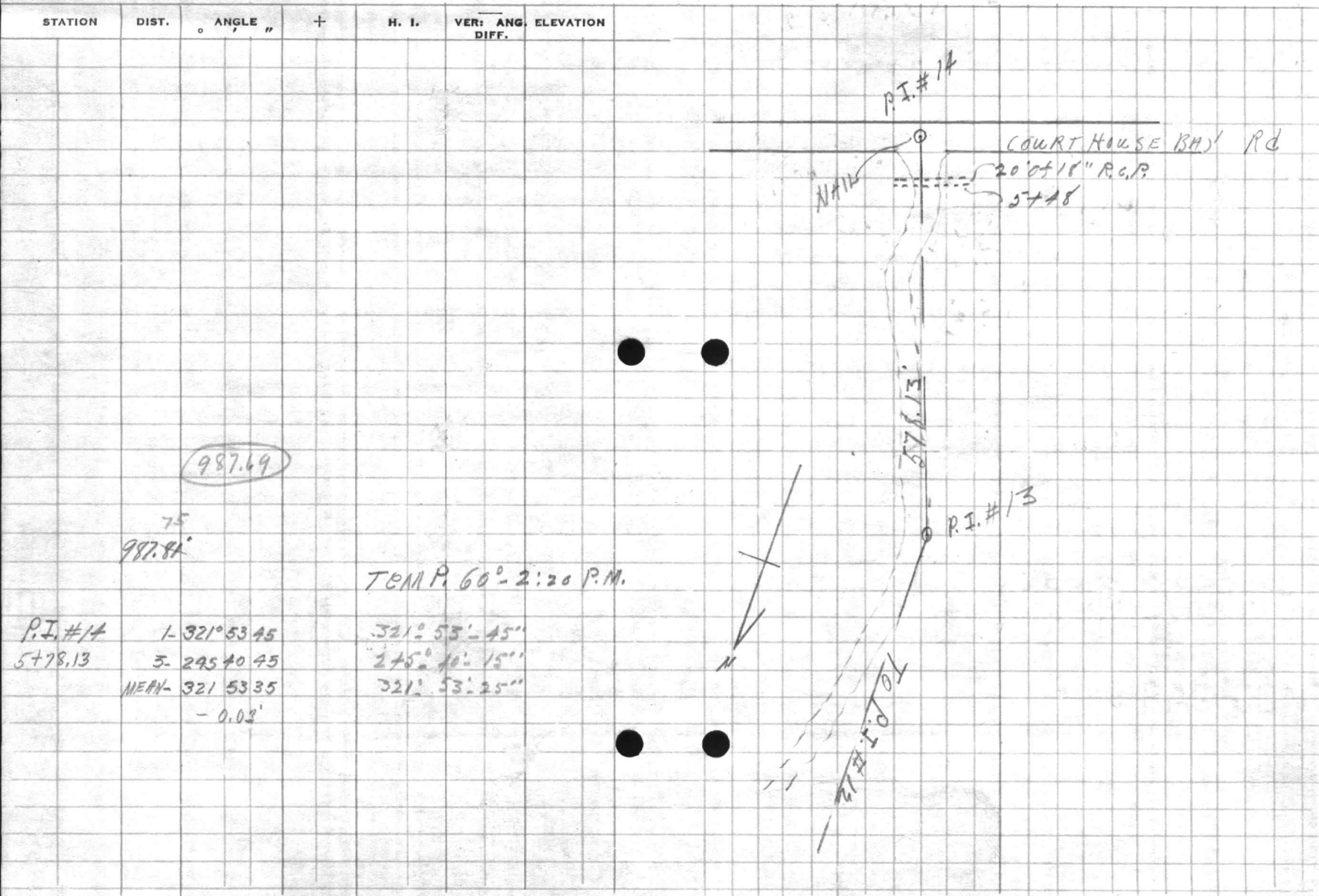
DATE 2-20-1946

FIGURED BY _____

NOTES CHECKED BY _____

PLOTTED BY _____

Quad. No.



STATION	DIST.	ANGLE "	+	H. I.	VER. ANG. DIFF.	ELEVATION
---------	-------	---------	---	-------	-----------------	-----------

987.69

75
987.81

TEMP. 60° - 2:20 P.M.

P.I. #14	1-321° 53' 45"	321° 53' 45"
5778.13	3-295° 40' 45"	275° 40' 15"
MEAN-	321° 53' 35"	321° 53' 25"
	- 0.02'	

VALUABLE

SUBJECT

PROPERTY
PUBLIC WORKS
OFFICE
CANTON, MASS.
NEW YORK, N.Y.

WEATHER

FIELD PARTY

THE N.Y.

CLERK
CHIEF
PROPERTY
OFFICE
CANTON, MASS.

PROPERTY
OFFICE
CANTON, MASS.

PROPERTY
OFFICE
CANTON, MASS.

PROPERTY
OFFICE
CANTON, MASS.

Good

PROPERTY
OFFICE
CANTON, MASS.

AND LOCATION

PROPERTY
OFFICE
CANTON, MASS.

VALUABLE

SUBJECT "FISH" TRAYORSE CONT.

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NEW RIVER, N. C.

FIELD PARTY

KELLY IN CHARGE
RAIDWIN INSTRUMENT
KELLY NOTES
FRESHWATER TAPE READ
PAQUETT TAPE OR ROD
TAPE OR ROD
INSTRUMENT No.
TAPE No.

WEATHER

CLEAR SNOW
CLOUDY HOT
WINDY MODERATE
RAIN COLD
FAIR FOG

FILE No.

FLDR. No.

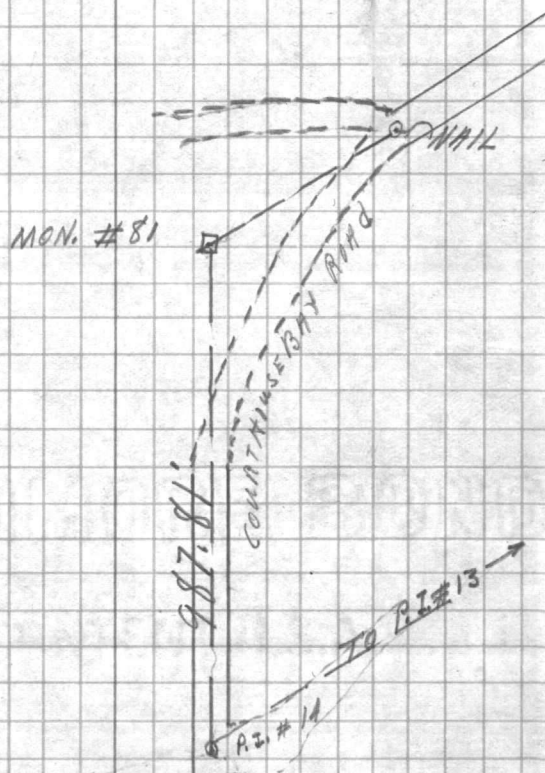
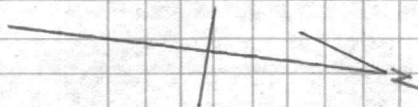
FIGURED BY _____ SHEET 9 OF 9

NOTES CHECKED BY _____

PLOTTED BY _____ DATE 2-20 1916

Quad. No.

STATION	DIST.	ANGLE "	+	H. I.	VER. ANG.	ELEVATION
		°			DIFF.	



MON. #81	1-211° 20' 15"	211° 20' 00"
9+87.81	3-274° 00' 30"	274° 00' 30"
MEAN-	211° 20' 10"	211° 20' 10"
	-0.06	

PUBLIC WORKS DEPARTMENT
Camp Lejeune, North Carolina
Survey Department

File 180-0
Quadrangle 180
Date 1/10/29
Sheet #1 of 3

Traverse Computation
Description

Control Traverse - Δ Fish thru Mon # 81 on Marines Rd. to Traverse "F" tied to Δ Duck Creek.

Station	Distance	Bearing	Cosine	Sine	Latitude	Departure	Y Coordinate North	X Coordinate East
Δ "Fish" to U.S.N. Hospital Cypole		N11°09'04"W					320,523.30	2,493,335.10
P.I.#1 5+44.26	544.17	N69-38-50 E	3477994	93756896	189. ²⁹ ₂₆ +.03	510.20	320,712.59	2,493,845.30
P.I.#2 5+09.22	509.10	N58-58-48 E	5153372	8579875	262. ⁴⁰ ₃₄ +.04	436.80	320,974.99	2,494,282.10
P.I.#3 4+83.62	483.56	N38-06-27 E	7868542	6171389	380. ⁵⁴ ₄₉ +.06	298. ⁴¹ ₄₂ -.01	321,355.53	2,494,580.51
P.I.#4 2+93.31	293.29	N41-03-00 E	7541368	6567174	221. ²¹ ₇₈ +.03	192.61	321,576.74	2,494,773.12
P.I.#5 4+55.75	455.73	S78-50-26 E	19353996	98109239	88. ¹⁹ ₂₀ -.01	447.11	321,488.55	2,495,220.23
P.I.#6 4+71.92	471.94	N7-11-27 E	9921347	1257745	468. ³⁰ ₂₃ +.07	59.07	321,956.85	2,495,279.30
P.I.#7 4+96.78	496.80	S31-12-19 E	8553165	5781058	424. ⁸⁶ ₄₂ -.06	257.39	321,531.99	2,495,536.69
P.I.#8 2+98.42	298.43	S3-22-09 W	9982716	0587692	297. ⁸⁷ ₉₁ -.04	17.54	321,234.12	2,495,519.15
P.I.#9 7+91.27	791.23	S35-23-12 E	8152626	5790915	644. ⁶⁴ ₉₆ -.10	458. ¹⁸ ₁₄ -.01	320,589.16	2,495,977.33
P.I.#10 16+28.64	1628.71	S19-11-54 E	9443859	3288392	153. ¹⁵ ₇₉ ₂₂ -.21	535.58	319,051.24	2,496,512.91
P.I.#11 36+60.34	3660.13	S39-34-00 E	7708839	6369756	2821. ³⁸ ₅₄ -.39	2331. ³⁹ ₄₁ -.01	316,230.09	2,498,844.30
P.I.#12 9+78.52	978.37	S38-53-37 E	7783132	6278763	761. ³⁸ ₄₈ -.10	614. ²⁹ ₃₀ -.01	315,468.71	2,499,458.59
P.I.#13 17+44.23	1744.06	S39-51-38 E	7676066	6409213	1338. ⁵⁷ ₇₅ -.18	1117. ⁸⁰ ₈₁ -.01	314,130.14	2,500,576.39
P.I.#14 5+78.13	577.94	S69-09-40 E	3557414	9345844	205. ⁵⁷ ₆₀ -.03	540.13	313,924.57	2,501,116.52
P.I.#15 = Mon. # 81 9+87.81	987.69	S72-43-39 W	2969166	9549034	293. ²² ₂₆ -.04	943. ¹⁶ ₁₅ +.01	313,631.35	2,500,173.36
To Nail in Inter of Marines Rd. + Firebreak Rd.		N75-56-18 W						

13,921.15

+ 1521.52
- 8414.85
- 6893.33
+ 7799.02
- 960.69
+ 6838.33

