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Camp Lejeune
North Carolina

SUBJECT traverse for Location of New power Line And New Road to Mouth of French's creek

FIELD PARTY	WEATHER	
Kelom In Charge	Clear	Snow
Instrument	Cloudy	Hot
Notes	Windy	Moderate
Tape Read	Rain	Cold
Tape or Rod	Fair	Fog
Tape or Rod	Figured By	
Instrument No.	Notes Checked By	
Tape No.	Plotted By	

FILE No. 180-C

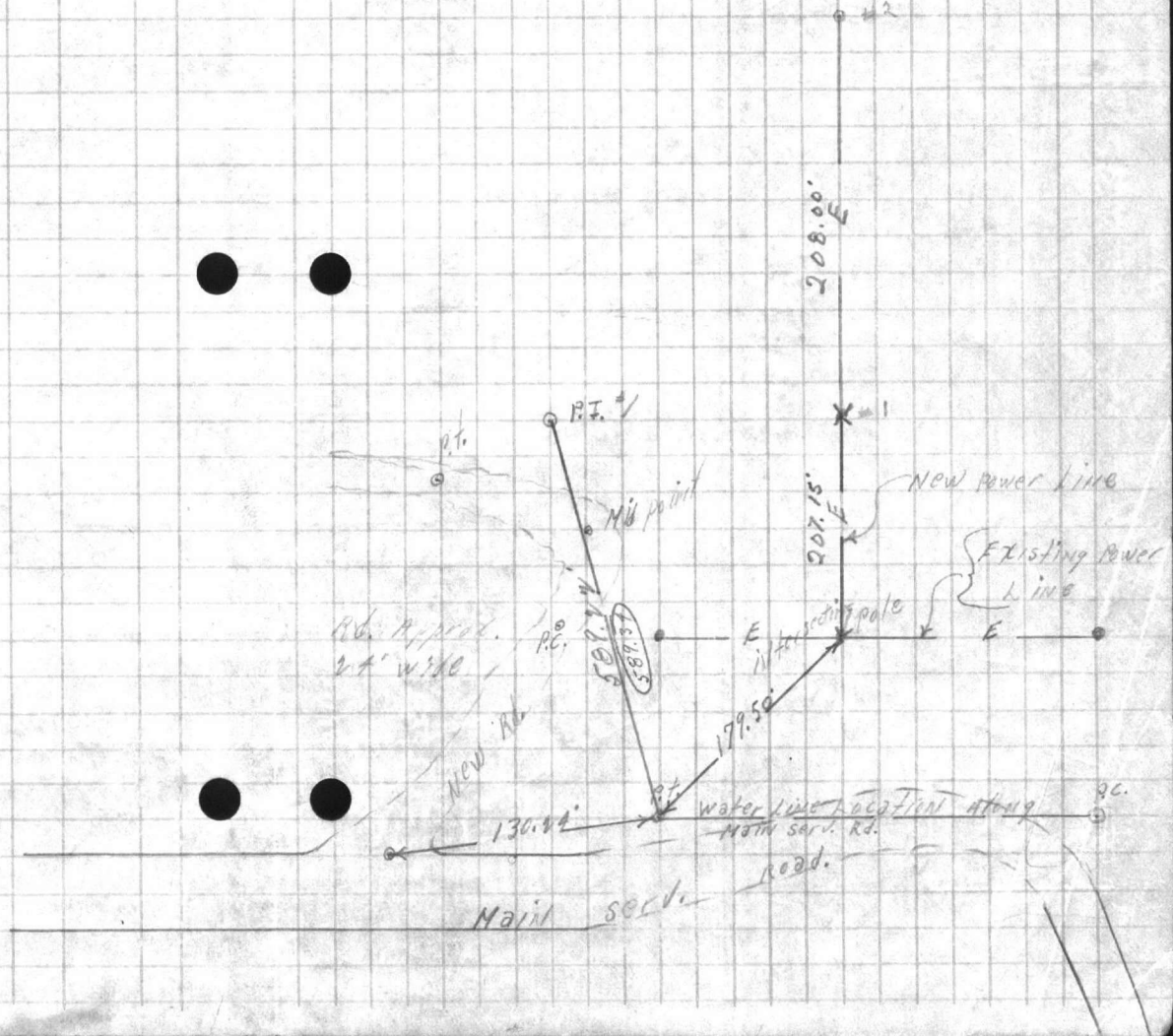
Fldr. No. 7

Sheet 1-of

Date 5-9- 1951

Quad. No.

Station	Dist.	Angle ° ' "	+	H. I. Bearing	Ver: Ang. Diff.	Elevation
to P.t.	1-	103 03 30				
	2-	206 07 00				
	Mean-	103 03 30				
	88.19'					
to Mid pt.	1-	36° 16' 00"				
	2-	72° 32' 00"				
	Mean-	36° 16' 00"				
	49.29'					
⊼ P.I. #1	1-	3° 55' 45"				
B.S. on P.t	2-	7° 51' 30" ← P.C.				
of water line	Mean-	3° 55' 45"				
Location.	138.52'					
to P.I. #1	1-	260° 52' 45"				
5+89.22	3-	62° 38' 00"				
	Mean-	260° 52' 40"				
to Edge of	1-	164° 32' 45"				
M.S.R. And	2-	329° 05' 30"				
℄ of New Rd.	Mean-	164° 32' 45"				
to inter-	1-	332° 59' 15"				
secting Pole	2-	305° 58' 00"				
	Mean-	332° 59' 00"				
⊼ P.t. on Water line Location B.S. on P.C. water Line Location						



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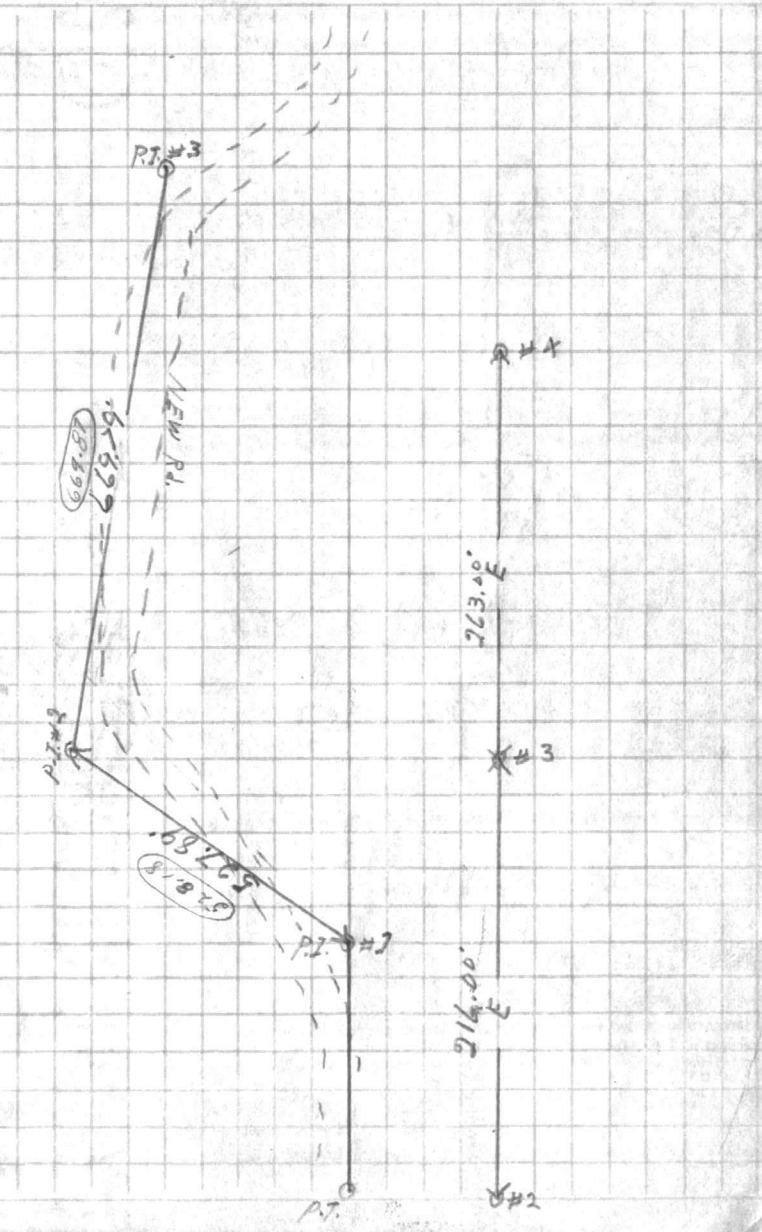
SUBJECT TRAVERSE CONT.

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 2 OF
Date 19
Quad. No.

Station	Dist.	Angle ° ' "	+	H. I. Bearing	Ver. Ang. Diff.	Elevation
	669.79'					
∠ AT P.I.#2	1-	256 08 00				
B.S. P.I.# 1	3-	48 23 45				
TO P.I.# 3	MEAN	256 07 55				
∠ AT P.I.#2	1-	266 09 00				
B.S. P.I.# 1	2-	272 17 00				
TO P.T.	MEAN	266 08 30				
	95.60'					
∠ AT P.I.#2	1-	294 45 00				
B.S. P.I.#1	2-	229 30 00				
TO. NW POINT	MEAN	294 45 00				
	54'					
∠ AT P.I.#2	1-	343 45 45				
B.S. P.I.#1	2-	327 31 30				
TO P.C. Rd.	MEAN	343 45 45				
	90'					
∠ AT P.I.#1	1-	114 20 15				
B.S. P.T.	3	343 01 00				
TO P.I.#2	MEAN	114 20 20				



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SUBJECT _____

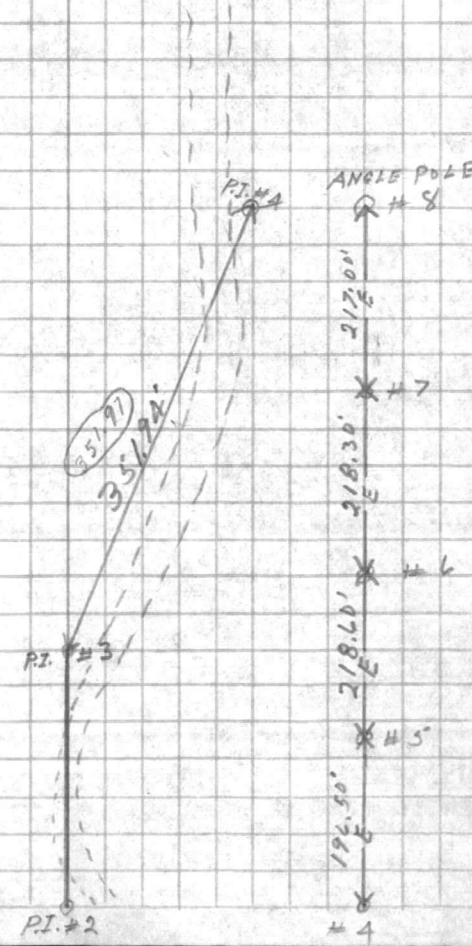
FIELD PARTY
_____ In Charge
_____ Instrument
_____ Notes
_____ Tape Read
_____ Tape or Rod
_____ Tape or Rod
_____ Instrument No.
_____ Tape No.

WEATHER
Clear Snow
Cloudy Hot
Windy Moderate
Rain Cold
Fair Fog

Figured By _____
Notes Checked By _____
Plotted By _____

FILE No. _____
Fldr. No. _____
Sheet 3 DF
Date _____ 19__
Quad. No. _____

Station	Dist.	Angle ° ' "	+	H. I. Bearing	Ver: Ang. Diff.	Elevation
P.I. # 4						
	351.94'					
∠ AT P.I. # 3	1	202 17 15				
B.S. P.I. # 2	3	246 51 30				
TO P.I. # 4	MEAN	202 17 10				
∠ AT P.I. # 3	1-	300 12 30				
B.S. P.I. # 2	2-	240 05 00				
TO P.T.	MEAN	300 12 30				
	26.05'					
∠ AT P.I. # 3	1-	1 01 45				
B.S. P.I. # 2	2-	2 03 30				
TO Mid. POINT	MEAN	1 01 45				
	109.81'					
∠ AT P.I. # 3	1-	1 59 45				
B.S. P.I. # 2	2-	2 59 30				
TO P.C.	MEAN	1 59 45				
	287.42'					



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SUBJECT TRAV. CON'T.

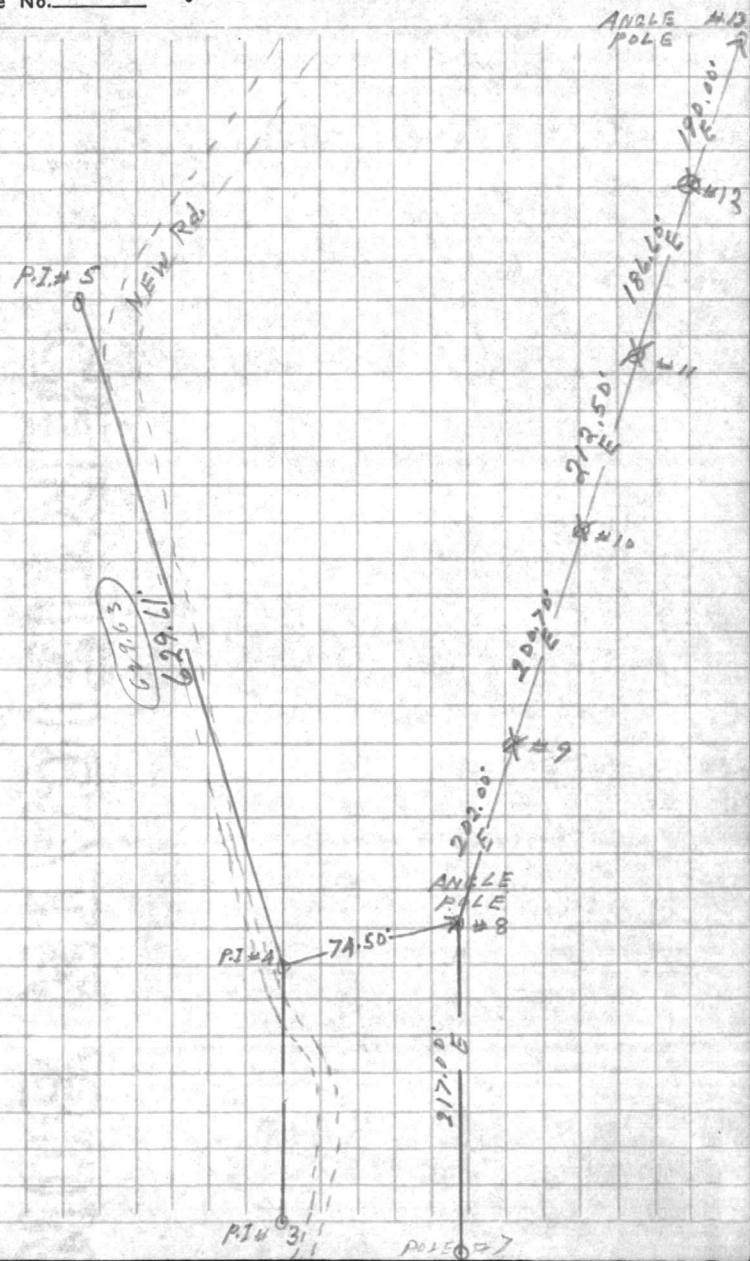
FIELD PARTY
DENNIS In Charge
____ Instrument
____ Notes
____ Tape Read
____ Tape or Rod
____ Tape or Rod
Instrument No. ____
Tape No. ____

WEATHER
Clear Snow
Cloudy Hot
Windy Moderate
Rain Cold
Fair Fog

Figured By ____
Notes Checked By ____
Plotted By ____

FILE No. ____
Fldr. No. ____
Sheet 4 OF ____
Date 5/10 19 51
Quad. No. ____

Station	Dist.	Angle ° ' "	+	H. I. Bearing	Ver: Ang. Diff.	Elevation
P.I.# 5						
	629.61'					
AT P.I.# 4	1-	157 06 15"				
B.S. P.I.# 3	3-	111 19 00				
TO P.I.# 5	MEAN	157 06 20				
AT P.I.# 4	1-	227 58 15"				
B.S. P.I.# 3	2-	95 56 30				
TO ANGLE POLE	MEAN	227 58 15"				
	74.50'					
AT P.I.# 4	1-	1 28 00				
B.S. P.I.# 3	2-	2 56 00				
TO P.T.	MEAN	1 28 00				
	63.90					
AT P.I.# 4	1-	353 15 15"				
B.S. P.I.# 3	2-	346 30 00				
TO MID. PT	MEAN	353 15 00				
	143'00					
AT P.I.# 4	1-	354 26 30				
B.S. P.I.# 3	2-	348 52 30				
TO P.C.	MEAN	354 26 15"				
	222.85'					



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North Carolina

SUBJECT _____

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
Date 5-10 1951
Quad. No. _____

Station	Dist.	° Angle ' "	+	H. I. Bearing	Ver. Ang. Diff.	Elevation
	563.55'					
∡ AT P.I.#6	1-	149 18 00				
B.S. P.I.#5	3-	87 53 30				
TO P.I.# 7	MEAN	149 17 50				
	707.43'					
∡ AT P.I.#5	1-	197 12 45				
B.S. P.I.#4	3-	231 37 30				
TO P.I.# 6	MEAN	197 12 30				
∡ AT P.I.#5	1.	214 19 30				
B.S. P.I.#4	2-	68 19 00				
TO P.I. Rd.	MEAN	214 19 30				
	81.65					
∡ AT P.I.#5	1-	303 17 15				
B.S. P.I.#4	2-	246 35 00				
TO MID. P.I.	MEAN	303 17 30				
	35.35					
∡ AT P.I.#5	1-	351 18 00				
B.S. P.I.#4	2-	342 36 00				
TO P.C. Rd.	MEAN	351 18 00				
	113.00'					

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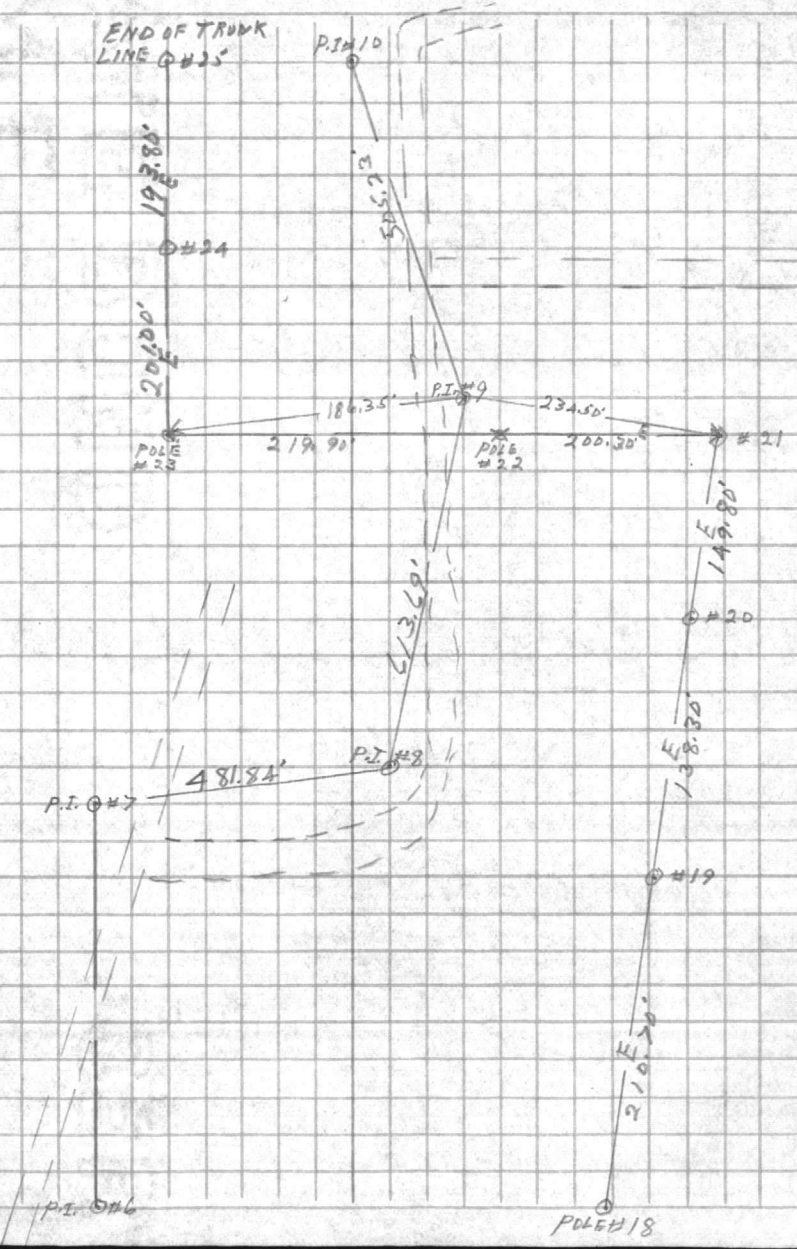
SUBJECT TRAVERSE CON.T.

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 6 OF
Date 5-10 19 51
Quad. No. _____

Station	Dist.	Angle ° ' "	+	H. I. Bearing	Ver: Ang. Diff.	Elevation
	505.23'					
AT P.I. # 9	1 -	164 42 00				
B.S. P.I. # 8	3 -	134 05 45				
TO P.I. # 10	MEAN	164 41 55				
AT P.I. # 9	1 -	266 17 15				
B.S. P.I. # 8	2 -	172 34 30				
TO ANGLE POLE	MEAN	266 17 15				
	234.50					
AT P.I. # 9	1 -	79 47 00				
B.S. P.I. # 8	2 -	159 34 00				
TO ANGLE POLE	MEAN	79 47 00				
	186.35'					
	613.69'					
AT P.I. # 8	1 -	131 18 00				
B.S. P.I. # 7	3 -	33 54 45				
TO P.I. # 9	MEAN	131 18 15				
	481.84'					
AT P.I. # 7	1 -	285 15 00				
B.S. P.I. # 6	3 -	135 45 00				
TO P.I. # 8	MEAN	285 15 00				



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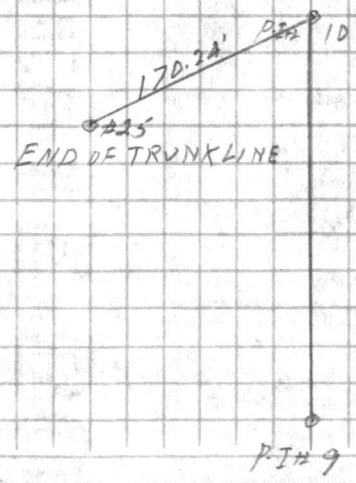
SUBJECT TRAVERSE CON'T.

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 #6-A
Date 5-14 19 51
Quad. No. ____

Station	Dist.	Angle ° ' "	+	H. I. Bearing	Ver: Ang. Diff.	Elevation
AT PI #10	1-	55 16 15		55°16'45		
B.S. PI #9	3-	165 48 45		3)165°48'45"		
TO POLE	MEAN	55 16 15		55°16'15"		
END TRUNK						
170.24'						



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SUBJECT TRAVERSE CON'T.

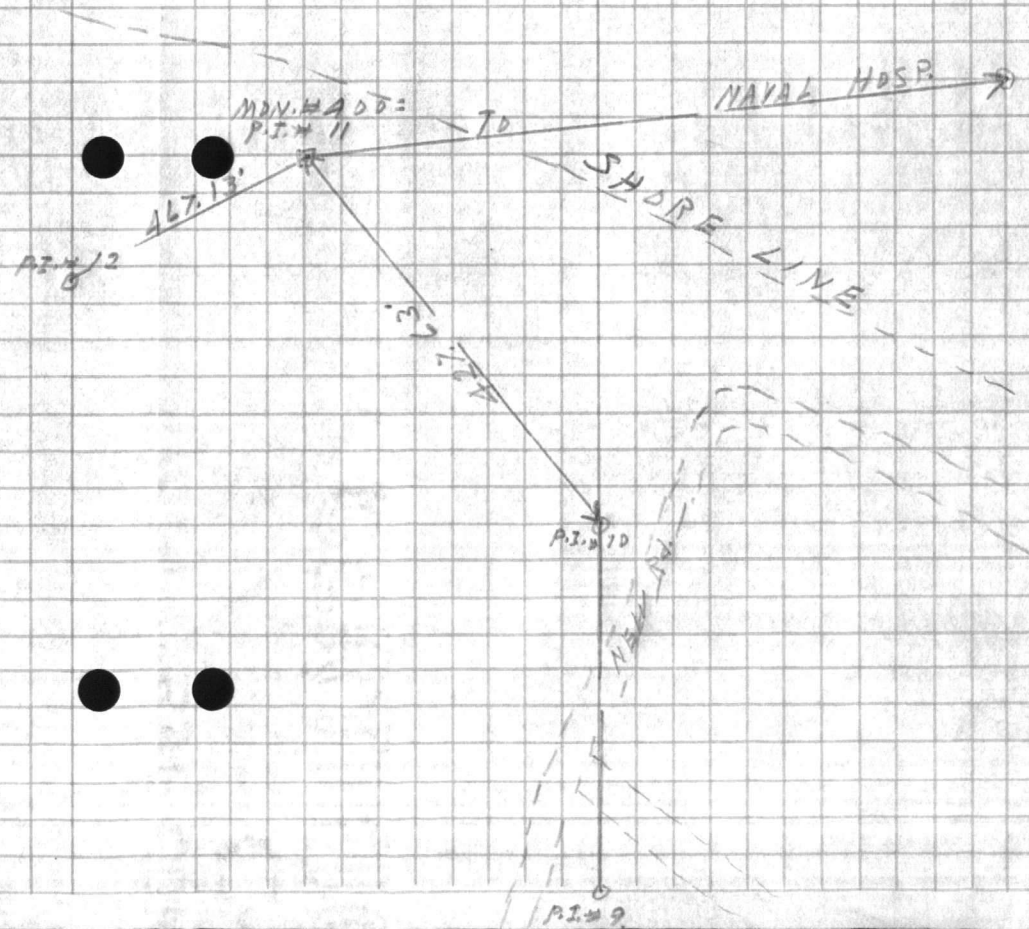
FIELD PARTY
_____ In Charge
_____ Instrument
_____ Notes
_____ Tape Read
_____ Tape or Rod
_____ Tape or Rod
Instrument No. _____
Tape No. _____

WEATHER
Clear, Cloudy, Windy, Rain, Fair, Snow, Hot, Moderate, Cold, Fog

Figured By _____
Notes Checked By _____
Plotted By _____

FILE No. _____
Fldr. No. _____
Sheet 7 OF
Date 5-11 19 51
Quad. No. _____

Station	Dist.	Angle ° ' "	+	H. I. Bearing	Ver. Ang. Diff.	Elevation
AT MON. ADD	1-	128 40 45				
B.S. P.I. #10	3-	26 02 15				
TO P.I. #12	MEAN	128 40 45				
AT MON. ADD	1-	326 07 15				
B.S. P.I. #10	3-	258 21 45				
TO CUPOLO	MEAN	326 07 15				
AT NAVAL HOSP.						
	42763					
AT P.I. #10	1-	124 25 45				
B.S. P.I. #9	3.	13 17 00				
TO MON. ADD	MEAN	124 25 45				
	505.23'					



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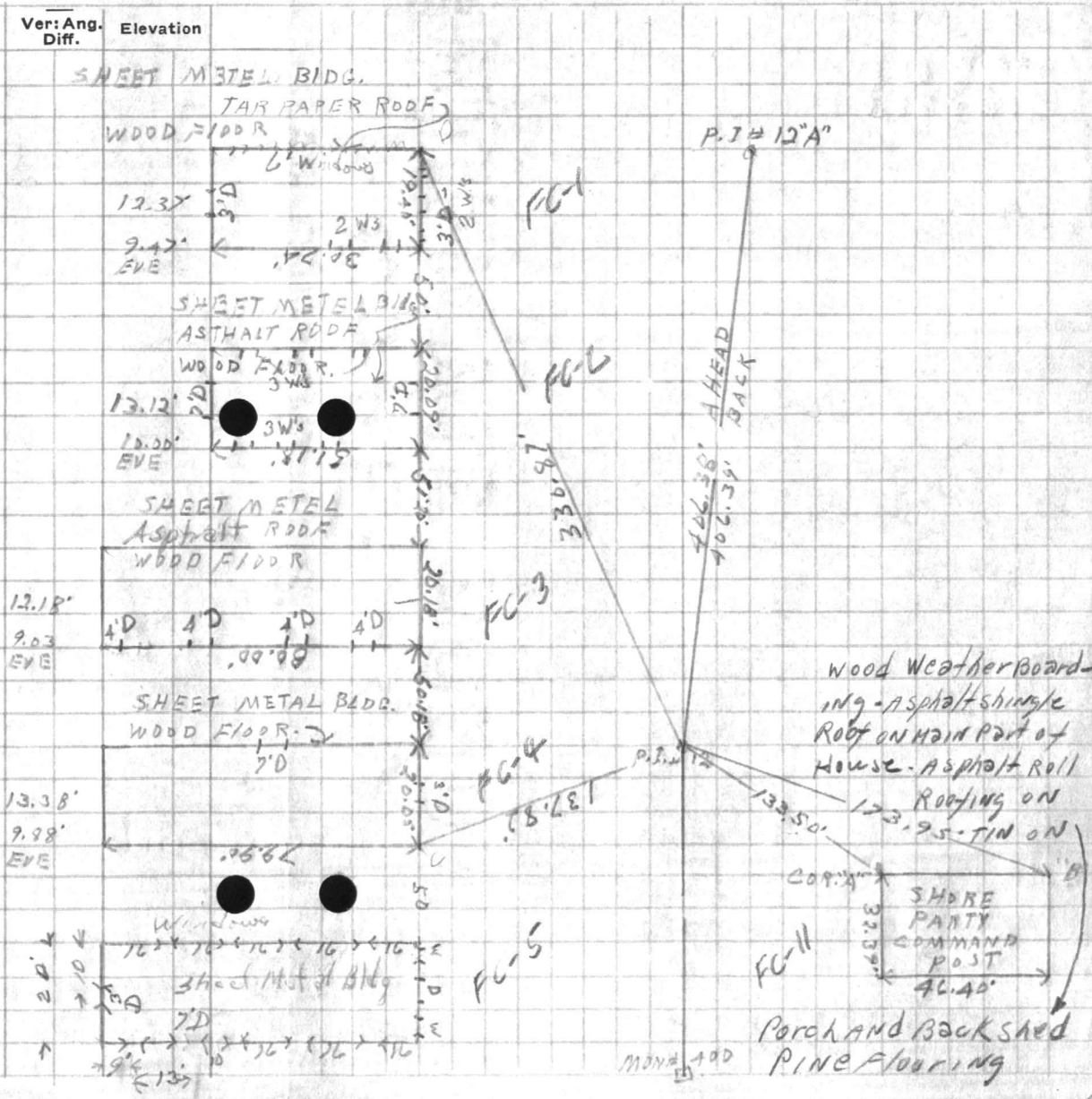
SUBJECT TRAVERSE CON'T.

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 8 OF _____
Date 5-11 19 51
Quad. No. _____

Station	Dist.	Angle ° ' "	+	H. I. Bearing	Ver: Ang. Diff.	Elevation
AT P.I #12	1 -	204 14 15				
B.S. MON. #ADD	3 -	252 42 30				
TO P.I #12 "A"	MEAN	204 14 10				
	406.38					
AT P.I #12	1	188 02 15				
B.S. MON. #ADD	3	204 06 15				
TO COR. "D"	MEAN	188 02 05				
	330.87'					
AT P.I #12	1	153 23 45				
B.S. P.I #	3	100 11 15				
TO COR. "C"	MEAN	153 23 45				
	137.82'					
AT P.I #12	1-	306 34 00				
B.S. MON. #ADD	3.	199 41 30				
TO COR. "B"	MEAN	306 33 50				
	173.95'					
AT P.I #12	1-	315 08 00				
B.S. MON. #ADD	3 -	225 24 15				
TO COR. "A"	MEAN	315 08 05				
	~~138.50'~~					
	133.50'					



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SUBJECT TRAVERSE CONT.

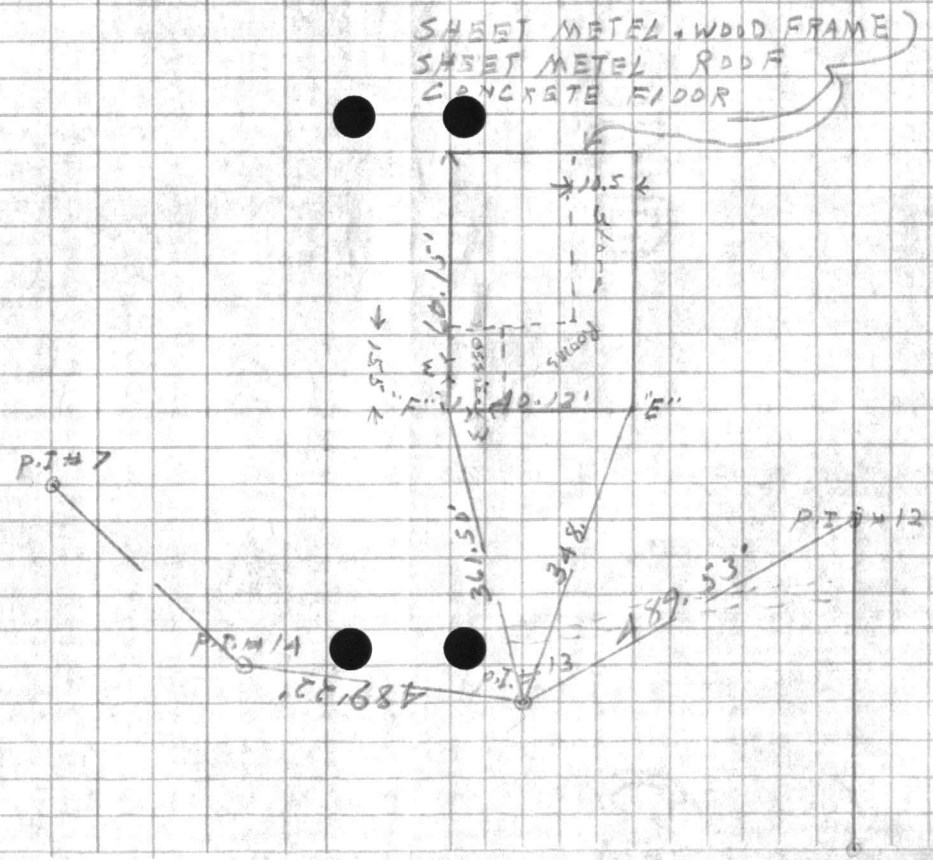
FIELD PARTY
DENNIS In Charge
____ Instrument
____ Notes
____ Tape Read
____ Tape or Rod
____ Tape or Rod
Instrument No. ____
Tape No. ____

WEATHER
Clear, Cloudy, Windy, Rain, Fair, Snow, Hot, Moderate, Cold, Fog

Figured By ____
Notes Checked By ____
Plotted By ____

FILE No. ____
Fldr. No. ____
Sheet 9 OF
Date 5-11 19 51
Quad. No. ____

Station	Dist.	Angle ° ' "	+	H. I. Bearing	Ver: Ang. Diff.	Elevation
AT P.I #14	1 -	167 46 15				
B.S. P.I. #13	3 -	1A3 18 30				
TO P.I. #7	MEAN	167 46 D				
	489.22'					
AT P.I. #13	1 -	208 51 45				
B.S. P.I. #12	3 -	266 35 30				
TO P.I. #14	MEAN	208 51 4 D				
AT P.I. #13	1 -	253 33 00				
B.S. P.I. #12	3 -	40 39 15				
TO COR. "F"	MEAN	253 33 05				
AT P.I. #13	1	259 35 15				
B.S. P.I. #12	3	58 46 00				
TO COR. "E"	MEAN	259 35 20				
AT P.I. #12	1.	83 29 30				
B.S. MON. AND	3.	250 28 30				
TO P.I. #13	MEAN	83 29 30				



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SUBJECT TRAVERSE CON.T.

FIELD PARTY 2082

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

WEATHER

Clear Snow
Cloudy Hot
Windy Moderate
Rain Cold
Fair Fog

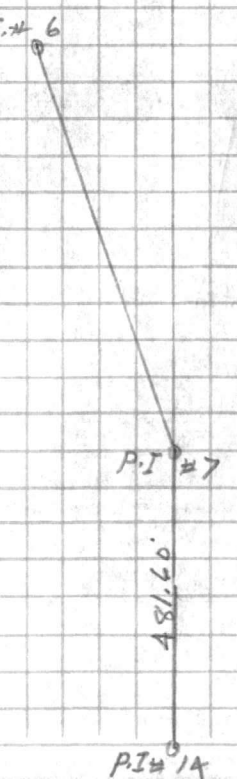
Figured By ____
Notes Checked By ____
Plotted By ____

FILE No. ____

Fldr. No. ____
Sheet 10 OF
Date 5-14 1951

Quad. No. ____

Station	Dist.	Angle ° ' "	+	H. I. Bearing	Ver: Ang. Diff.	Elevation
TAT. P.I. # 7	1-	145 31 15				
B.S. P.I. # 14	3-	72 33 45				
TO P.I. # 6	MEAN	145° 31' 15"				



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SUBJECT TRAVERSE CONT.

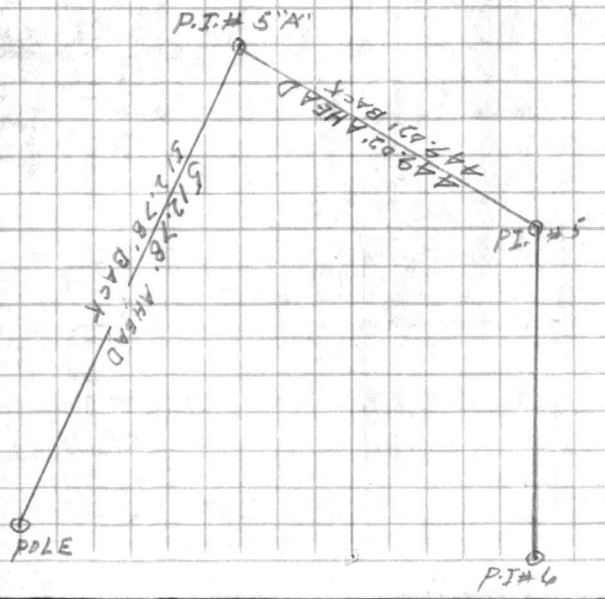
FIELD PARTY
DENNIS In Charge
_____ Instrument
_____ Notes
_____ Tape Read
_____ Tape or Rod
_____ Tape or Rod
Instrument No. _____
Tape No. _____

WEATHER
Clear Snow
Cloudy Hot
Windy Moderate
Rain Cold
Fair Fog

Figured By _____
Notes Checked By _____
Plotted By _____

FILE No. _____
Fldr. No. _____
Sheet 11 OF
Date 5-14 1951
Quad. No. _____

Station	Dist.	Angle ° ' "	+	H. I. Bearing	Ver: Ang. Diff.	Elevation
∠ AT P.I. #5 "A"	1-	101 48 15				
B.S. P.I. #5	3-	305 24 30				
TO ANGLE POLE, MEAN		101 48 10				
∠ AT P.I. #5	1-	105 03 15				
B.S. P.I. #6	3-	315 10 00				
TO P.I. #5 "A", MEAN		105 03 20				



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SUBJECT _____

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

WEATHER
Clear Snow
Cloudy Hot
Windy Moderate
Rain Cold
Fair Fog

Figured By _____
Notes Checked By _____
Plotted By _____

FILE No. _____

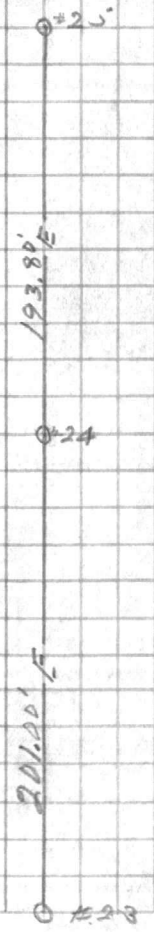
Fldr. No. _____

Sheet 12 OF

Date 5-14 1951

Quad. No. _____

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



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SUBJECT BENCH LEVELS ON TRAVERSE IN FRENCH CREEK AREA.

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 OF
Date 5-15 1951
Quad. No. ____

Station	Dist.	Angle ° ' "	+	H. I. Bearing	Ver: Ang. Diff.	Elevation	
B.M. MON.#40	0		3.58	24.40		20.82	
P.I.#10					5.76	18.64	
			8.63	27.27			
P.I.# 9					5.28	21.99	
			4.66	26.65			
P.I.# 8					3.44	23.21	
			5.23	28.44			
P.I.# 7					4.32	24.12	
			5.16	29.28			
P.I.# 6					5.27	24.01	
						24.01	P.I.#6
			5.22	29.23			
T.P.#1					7.32	21.91	
			3.38	25.29			
T.P.#2					4.89	20.40	
			3.77	24.17			

VALUABLE

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SUBJECT BENCH LEVELS CON.T.

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

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

FILE No.
Fldr. No.
Sheet 2 OF
Date 19
Quad. No.

Station	Dist.	Angle ° ' "	+	H. I. Bearing	Ver: Ang. Diff.	Elevation	
				24.17			
P.I.#14					3.02	21.15	
			6.95	28.10			
P.I.#13					2.85	25.25	
			4.00	29.25			
P.I.#12					10.18	19.07	
			1.80	20.87			
T.P.#3					11.96	8.91	
			1.63	10.54			
B.M. ON PINE NEAR P.I.#12"A"					5.76	4.78	
			5.83	10.61			
T.P.#4					1.84	8.77	
			10.03	18.80			
T.P.#5					0.10	18.70	
			.749	26.19			
MON.#400					.538	20.81	(20.82)

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Public Works
Office
Camp Lejeune
North Carolina

SUBJECT BENCH LEVELS ON P.I.'S ON TRAVERSE FROM MAIN SERVICE ROAD TO FRESH CREEK AREA.

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

WEATHER
Clear Snow
Cloudy Hot
Windy Moderate
Rain Cold
Fair Fog

Figured By_____
Notes Checked By_____
Plotted By_____

FILE No._____
Fldr. No._____
Sheet 1 OF 1
Date 5-23 1951
Quad. No._____

Station	Dist.	Angle ° ' "	+	H. I. Bearing	Ver: Ang. Diff.	Elevation
B.M. P.I.#6			6.10	30.11		24.01
P.I. # 5					4.98	25.13
			2.44	27.57		
P.I. # 4					3.88	23.69
			9.47	33.16		
P.I. # 3					3.61	29.55
			2.14	31.69		
T.P. #1					8.30	23.39
			4.30	27.69		
P.I. #2					2.53	25.16
			3.10	28.26		
P.I. #1					8.16	20.10
			7.11	27.21		
P.T. ON PROPOSED WATER LINE					7.49	19.72 (19.79)

PUBLIC WORKS DEPARTMENT
Camp Lejeune, North Carolina
Survey Department

File 180-C
Quadrangle
Date 5-23-51
Sheet 1 of 5

Traverse Computation Description: Traverse from main service road to Δ "Simes" on New River near mouth of French's Creek, showing power line and new road to Seabee Camp.

Station	Distance	Bearing	Cosine	Sine	Latitude	Departure	Y Coordinate North	X Coordinate East
P.C. to P.t. on M.S.R. water line location		S.68-40-36 E.					333,141.79	2,501,693.63
to intersecting pole	179.50'	S ~~N~~ 84-18-24 W	.0992040	.9950671	17.81	178.61	333,~~159.60~~ 124.98	2,501,515.02
to Edge of M.S.R. Road and ℄ of New Rd.	130.24'	S 84-07-51 E ~~N.75-52-09 E~~	102257 ~~.2441369~~	994758 ~~.9697408~~	13.32 ~~31.80~~	129.56 ~~126.30~~	333,~~173.59~~ 128.5	2,501,~~819.93~~ 823.2
P.I. #1	589.22'	S.12-12-04 W	.97741180	.21134375	576.16 ~~575.91~~ +.25	124.57 ~~53~~ +.04	332,565.63	2,501,569.06
to P.C. of Rd.	138.52'	N.16-07-49 E	.9606325	.2778223	133.07	38.48	332,698.70	2,501,607.54
to Mid Point on curve	49.29'	N.48-28-04 E	.6630411	.7485830	32.68	36.90	332,598.31	2,501,605.96
to P.t. of curve	88.19'	S.64-44-26 E	.4267178	.9043848	37.63	79.76	332,528.00	2,501,648.82
P.I. #2	527.89'	S.53-27-36 E	.59538384	.80344140	314.44 ~~30~~ +.14	423.98 ~~424.13~~ -.15	332,251.19	2,501,993.04
to P.C. of curve	90'	N.69-41-51 W	.3469766	.9378738	31.23	84.41	332,282.42	2,501,908.63
to Mid Pt. on curve	54'	S.61-17-24 W	.4803766	.8770623	25.94	47.36	332,225.25	2,501,945.68
to P.t. of curve	95.60'	S.32-40-54 W	8416836	.5399710	80.46	51.62	332,170.73	2,501,941.42
P.I. #3	669.79'	S.22-40-19 W	.92272694	.38545426	618.30 ~~03~~ +.27	258.26 ~~17~~ +.09	331,632.89	2,501,734.78
to P.C. of curve	287.42'	N.24-40-04 E	9087430	4173561	261.19	119.96	331,894.08	2,501,854.74
to Mid Pt. on curve	109.81'	N.23-42-04 E	9156548	4019655	100.55	44.14	331,733.44	2,501,778.92
to P.t. of curve	26.05'	N.37-07-11 W ~~E~~	7973762	6034825	20.77	15.72	331,653.66	2,501,~~[illegible]~~ 719.06
P.I. #4	351.94'	S.44-57-29 W	.70762424	.70658894	249.15 ~~04~~ +.11	248.77 ~~68~~ +.07	331,383.74	2,501,486.01
to P.C. of curve	222.85'	N.39-23-44 E	7727828	6346706	172.21	141.44	331,555.95	2,501,627.45
to Mid Pt. on curve	143.00'	N.38-12-29 E	7857699	6185189	112.36	88.45	331,496.10	2,501,574.46

PUBLIC WORKS DEPARTMENT
Camp Lejeune, North Carolina
Survey Department

File
Quadrangle
Date 5-23-51
Sheet 2 of 5

Traverse Computation
Description

Station	Distance	Bearing	Cosine	Sine	Latitude	Departure	Y Coordinate North	X Coordinate East
to P.T. of curve	63.90'	N.46-25-29 E	6893070	7244693	44.05	46.29	331,427.79	2,501,532.30
to Angle pole	74.50'	N.87-04-16 W	0510965	9986937	3.81	74.40	331,387.55	2,501,411.61
P.I. #5	629.61'	S.22-03-49 W	.92676739	.37563574	583.50 +.25	236.58 +.08	330,799.99	2,501,249.43
to P.C. of curve	113.00'	N.13-21-49 E	9729229	2311300	109.94	26.12	330,909.93	2,501,275.55
to Mid Pt. on curve	35.35'	N.34-38-41 W	8226929	5684861	29.08	20.10	330,879.07	2,501,229.33
to P.T. of curve	81.65'	S.56-23-19 W	553 5571	8328112	45.20	68.00	330,754.79	2,501,181.43
P.I. 5-A	499.02	N35-40-21 W	812364	.583151	405.39	291.00	331,205.38	2,500,958.4
Angle Pole	512.8'	N66-07-49 E	404658	914468	207.5	468.9	330,997.88 331,412.9	2,500,489.50 2,501,427.3
P.I. #6	802.43	S39-16-19 W	.77415026	.63300188	625.87 +.27	511.28 +.18	330,174.65	2,500,738.15
P.I. #7	563.55'	S.8-34-09 W	.98883671	.14900323	557.50 +.24	83.97 +.03	329,617.15	2,500,654.15
P.I. #8	181.84'	N.66-10-51 W	.40385135	.91487462	194.51 -.08	440.76 +.16	329,811.66	2,500,213.19
P.I. #9	613.69'	S.65-07-24 W	.42066639	.90721540	258.27 +.11	556.75 +.20	329,552.39	2,499,656.24
to Angle pole	186.35'	S.35-05-36 E	818 4166	5749100	152.47	107.13	329,400.92	2,499,763.37

PUBLIC WORKS DEPARTMENT
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Survey Department

File
Quadrangle
Date 5-23-51
Sheet 3 of 3

Traverse Computation
Description

Station	Distance	Bearing	Cosine	Sine	Latitude	Departure	Y Coordinate North	X Coordinate East
to Angle pole	234.50'	N.28-35-21 W	8780735	4785258	205.91	112.21	329,759.30	2,499,544.03
P.I. #10	505.23'	S.49-49-19 W	.6451651 0	.7640431 8	326.10 / 325.96 +.14	386.17 / 386.02 +.15	329,277.29	2,499,270.07
	170.24'	S.74-54-26 E	2603828	9653055	44.32	164.37	329,184.96	2,499,434.44
Mon. #400 A "Simes"	427.63'	S.5-45-01 E	.9949603	.1001989	425.66 / 425.48 +.18	42.83 / 42.85 -.02	328,801.63	2,499,312.90
							328,801.63	2,499,312.90
to Naval Hosp. Cupola		N.39-37-46 W						
		39-37.54						
		0°-0'-08" error not adj.			+ 194.59 / - 4532.71 / - 4338.12	- 2816.57 / + 466.98 / 2349.59	+2.04	+1.19 Adjusted

PUBLIC WORKS DEPARTMENT
Camp Lejeune, North Carolina
Survey Department

File
Quadrangle
Date 5-23-51
Sheet 4 of 5

Traverse Computation
Description Traverse Loop in Seabee Area.

Station	Distance	Bearing	Cosine	Sine	Latitude	Departure	Y Coordinate North	X Coordinate East
P.I. #10 to "Sines" (Mon. #400) Also P.I. #11		S. 5-45-01 E					328,801.63	2,499,314.90
P.I. #12	467.13'	S. 57-04-16 E	543 5977	8393459	253.93 -.09	392.08 +.14	328,547.79	2,499,705.12
Cor. "A"	133.50'	S. 78-03-49 W	206 8256	978 3778	27.61	130.61	328,520.18	2,499,574.51
Cor. "B"	173.95'	S. 69-29-34 W	350 3254	9366280	60.94	162.93	328,486.85	2,499,542.19
Cor. "C"	137.82'	S. 83-40-31 E	110 1632	9939135	15.18	136.98	328,534.61	2,499,842.10
Cor. "D"	330.87'	S. 49-02-11 E	655 5796	755 1261	216.91	249.85	328,330.88	2,499,954.97
P.I. 12-A	406.38'	S. 32-50-06 E	840 2355	542 2216	341.45	220.35	328,406.34	2,499,925.47 =
P.I. #13	489.53'	N. 26-25-14 E	895 5522	444 9565	438.57 +.17	217.80 +.08	328,886.36	2,499,923.02
Cor. "E"	348.00'	S. 73-59-26 E	275 7958	961 4162	95.98	334.50	328,890.38	2,500,257.52
Cor. "F"	361.50'	S. 80-01-41 E	173 1659	984 8927	62.60	356.04	328,923.76	2,500,279.06
P.I. #14	489.22'	N. 55-16-54 E	569 5496	821 9618	278.73 +.10	402.26 +.14	329,265.09	2,500,325.48

Wood Metal Buildings
Metal Bldgs.

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SUBJECT Tie for Stadia Location of 2" G.L. Water Supply Line to French Creek Amphibian Base

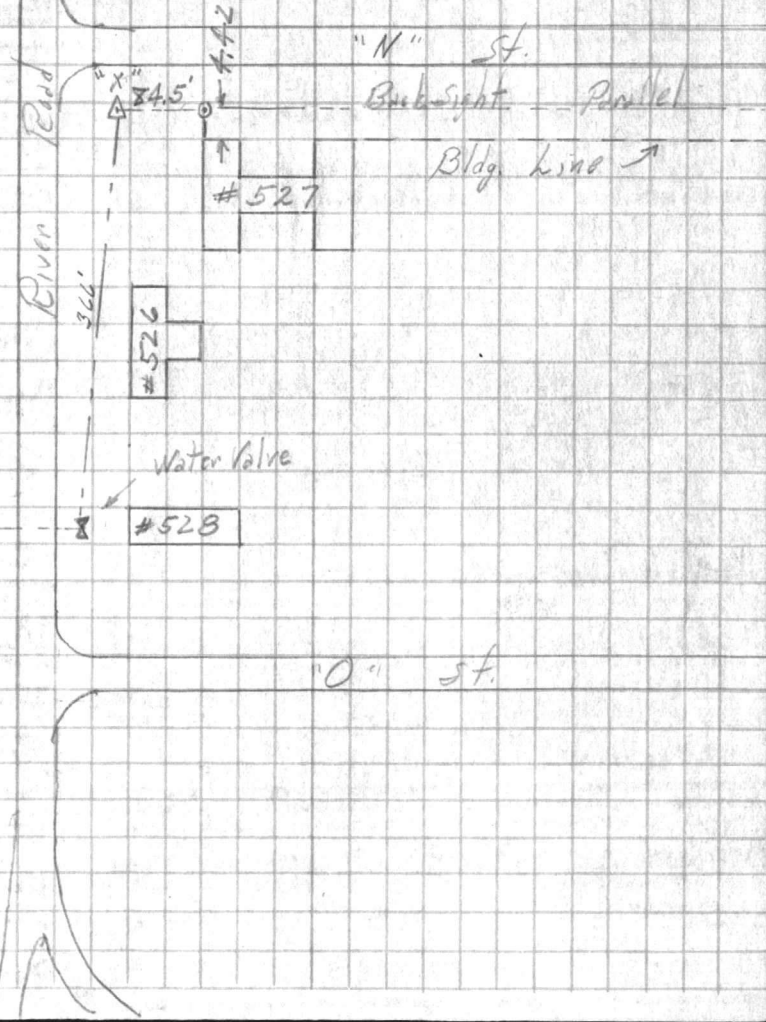
FIELD PARTY
Hamilton In Charge
____ Instrument
____ Notes
____ Tape Read
____ Tape or Rod
____ Tape or Rod
____ Instrument No.
____ Tape No.

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

FILE No. 180-GCN
Fldr. No. ____
Sheet #1-A
Date 8/27 1951
Quad. No. ____

Station	Dist.	Angle ° ' "	+	H. I. Bearing	Ver: Ang. Diff.	Elevation
P.I. #1			on Martin's Stadia Survey			
Water Valve		264° 42' 40"	on Martin's Initial Point			
P.I. "X"	366'	97° 21' 40"				
	84.5'	180°				
T at Offset Corner of Bldg. #527			D 4.42 on Bld. Line			
Back Sight Parallel to "N" St. Bldg. Line						

Abandoned 1951



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Camp Lejeune
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Stading.

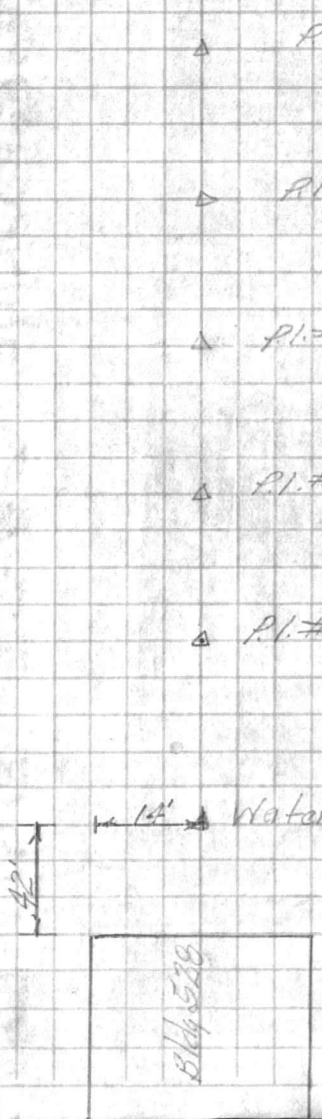
SUBJECT Location 2" Galvinized Water Line From 5th Area To Franches Creek

FIELD PARTY
Norden 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 4
Date 8/16 19 51
Quad. No. ____

Station	Dist.	Angle ° ' "	+	H. I. Bearing	Ver: Ang. Diff.	Elevation
Pl. #5						
	234' ✓					
		135 52 15				
Pl. #4						
	450'		✓ ✓	187°13'		
	~~151 15 00~~					
Pl. #3						
	254'		✓			
		173 55 30				
Pl. #2						
	30'					
		131 14 15	✓			
Pl. #1						
	146'		✓			
		134 00 30				
B.S. Water Valve						



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Camp Lejeune
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SUBJECT _____

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 2 of 2
Date _____ 19____
Quad. No. _____

Station	Dist.	Angle ° ' "	+	H. I. Bearing	Ver: Ang. Diff.	Elevation
P.I. #12						
	110					
		196 33 15				
P.I. #11						
	76'	~~171 41 30~~				
		171 41 30				
P.I. #10						
	190					
		160 58 30				
P.I. #9						
	166					
		132 57 00				
P.I. #8						
	219					
		196 00 00				
P.I. #7						
	206'					
		221 49 00				
P.I. #6						
	300'					
		175 49 30				
P.I. #5						

△ P.I. #12
△ P.I. #11
△ P.I. #10
△ P.I. #9
△ P.I. #8
△ P.I. #7
△ P.I. 6
△ P.I. #5

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North Carolina

SUBJECT _____

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
Pl. #19						
	230					
		129 43 00				
Pl. #18						
	213					
		222 05 30				
Pl. #17						
	120					
		170 44 00				
Pl. #16						
	162					
		170 37 30				
Pl. #15						
	198					
		193 47 00				
Pl. #14						
	136					
		182 00 00				
Pl. #13						
	218					
		196 23 45				
Pl. #12						

Water line is underground from this point △

△ Pl. #19
△ Pl. #18
△ Pl. #17
△ Pl. #16
△ Pl. #15
△ Pl. #14
△ Pl. #13
△ Pl. #12

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Camp Lejeune
North Carolina

SUBJECT _____

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 4 of 4
Date _____ 19__
Quad. No. _____

Station	Dist.	Angle ° ' "	+	H. I. Bearing	Ver. Ang. Diff.	Elevation
Hospitle Steaple						
Man 400	92'	330 25 30				
P.I. #21	375	187 55 00				
P.I. #20	320	190 59 30				
P.I. #19						

△ Hospitle Steaple
△ Man # 400
△ P.I. # 21
△ P.I. # 20
△ P.I. # 19

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Camp Lejeune
North Carolina

SUBJECT

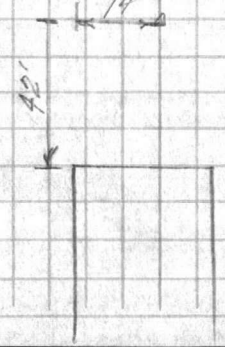
FIELD PARTY
In Charge
Instrument
Notes
Tape Read
Tape or Rod
Tape or Rod
Instrument No.
Tape No.

WEATHER
Clear, Cloudy, Windy, Rain, Fair, Snow, Hot, Moderate, Cold, Fog

Figured By
Notes Checked By
Plotted By

FILE No.
Fldr. No.
Sheet
Date 19
Quad. No.

Station	Dist.	Angle ° ' "	+	H. I. Bearing	Ver: Ang. Diff.	Elevation
	228'					
		187 13 00				
P.I. #4						
	~~426~~ 435'	173 ~~55 00~~ 55 15				
P.I. #3						
	249'					
		131 15 15				
P.I. #2						
	79'					
		134 03 00				
P.I. #1						
	~~146~~ 143					
B.S.						



Water Valve

PUBLIC WORKS DEPARTMENT
Camp Lejeune, North Carolina
Survey Department

File 180-C
Quadrangle
Date
Sheet of

Traverse Computation Description: Stadia Location Survey - Water Line to Amphibian Base at French Creek.

Station	Distance	Bearing	Cosine	Sine	Latitude	Departure	Y Coordinate North	X Coordinate East
Corner Bldg #527							332,820.0	2,497,403.5
P.I.	4.4'	N54-31W	58047	81428	2.5	3.6	332,822.5	2,497,399.9
P.I.	84.5'	S35-29W	81428	58047	68.9 +.1	49.0 +.6	332,753.6	2,497,350.3
Water Valve at New 2" Water Line	366'	S47-09E	68008	73314	249.4 +.5	268.5 -3.5	332,504.2	2,497,615.1
P.I. #1	146'	S37-34W	79264	60968	115.7 +.2	89.0 +1.2	332,388.3	2,497,524.9
P.I. #2	80'	S8-25E	98923	14637	79.2 +.2	11.7 -.1	332,309.0	2,497,536.5
P.I. #3	254'	S57-10E	54219	84025	137.7 +.5	213.4 -2.7	332,170.8	2,497,747.2
P.I. #4	450'	S63-14E	45036	89285	202.6 +.5	401.7 -5.2	331,967.7	2,498,143.7
P.I. #5	234'	S56-00E	55919	82904	130.8 +.3	194.0 -2.5	331,836.6	2,498,335.2
P.I. #6	300'	S50-08E	64100	76754	192.5 +.5	230.2 -2.9	331,643.8	2,498,562.5
P.I. #7	206'	S54-18E	58354	81208	120.2 +.3	167.3 -2.1	331,523.3	2,498,727.7
P.I. #8	249'	S12-33E	97611	21729	243.2 +.5	54.1 -.7	331,279.7	2,498,781.1
P.I. #9	166'	S6-33E	99347	11407	164.9 +.4	18.7 -.2	331,114.4	2,498,799.8
P.I. #10	190'	S3-35E	99804	06250	189.6 +.4	11.8 -.1	330,924.4	2,498,811.6
P.I. #11	76'	S22-36E	92321	38429	70.2 +.2	29.2 -.4	330,854.0	2,498,840.4
P.I. #12	110'	S30-54E	85806	51354	94.4 +.2	56.5 -.7	330,759.4	2,498,896.2
P.I. #13	218'	S14-20E	96887	24756	211.2 +.5	53.9 -.7	330,547.7	2,498,949.5
P.I. #14	130'	S17-56E	95142	30791	124.0 +.3	39.5 -.5	330,423.7	2,498,989.0
P.I. #15	198'	S5-56E	99464	10337	196.9 +.4	20.2 -.3	330,226.4	2,499,009.2
P.I. #16	162'	S2-08E	99931	03723	161.9 +.3	5.9 -.1	330,064.2	2,499,015.1
P.I. #17	120'	S11-33E	97975	20022	117.6 +.3	23.7 -.3	329,946.3	2,499,038.8

PUBLIC WORKS DEPARTMENT
Camp Lejeune, North Carolina
Survey Department

File
Quadrangle
Date
Sheet of

Traverse Computation
Description

Station	Distance	Bearing	Cosine	Sine	Latitude	Departure	Y Coordinate North	X Coordinate East
P.I. #17								
P.I. #18	218'	S20-49E	93472	35538	~~204.2~~ ~~203.8~~ +.4	~~76.5~~ ~~77.5~~ -1.0	329,747.1	2,499,115.3
P.I. #19	230'	S21-17W	93179	36298	~~214.8~~ +.5	~~84.6~~ ~~83.5~~ +1.1	329,527.3	2,499,030.7
P.I. #20	320'	S28-59E	87476	48456	~~280.5~~ ~~279.9~~ +.6	~~155.1~~ -2.0	329,246.8	2,499,183.8
P.I. #21	372'	S17-59E	95115	30874	~~354.6~~ ~~353.8~~ +.8	~~114.8~~ -1.5	328,897.2	2,499,297.1
Mon. #400	92'	S10-04E	98461	17479	90.~~68~~ +.2	~~15.9~~ ~~16.1~~ -.2	328,801.6	2,499,312.9
							328,801.63	2,499,312.90
To Hospital Dame		N39°37'42"W						
		N39-49-45W						
		Err. +0°12'03" Adj. to nearest Minute.						
					+ 2.5 - 4012.0 - 4009.5	- 225.1 + 2165.2 + 1940.1	+ 8.9	+ 30.7

Adjusted