FILE FOLDER

DESCRIPTION ON TAB:

water main

CapEHart Housing

☐ **Outside/inside of actual folder did not contain hand written information**

☒ **Outside/inside of actual folder did contain hand written information**
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egregius omnibus

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RETURN TO PUBLIC WORKS OFFICE CAMP LEJEUNE NORTH CAROLINA

SUBJECT STAKE OUT PROPOSED WATER EAST SIDE STONE ST. EXT.

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 4
DATE 1-19 1957
Quad. No.

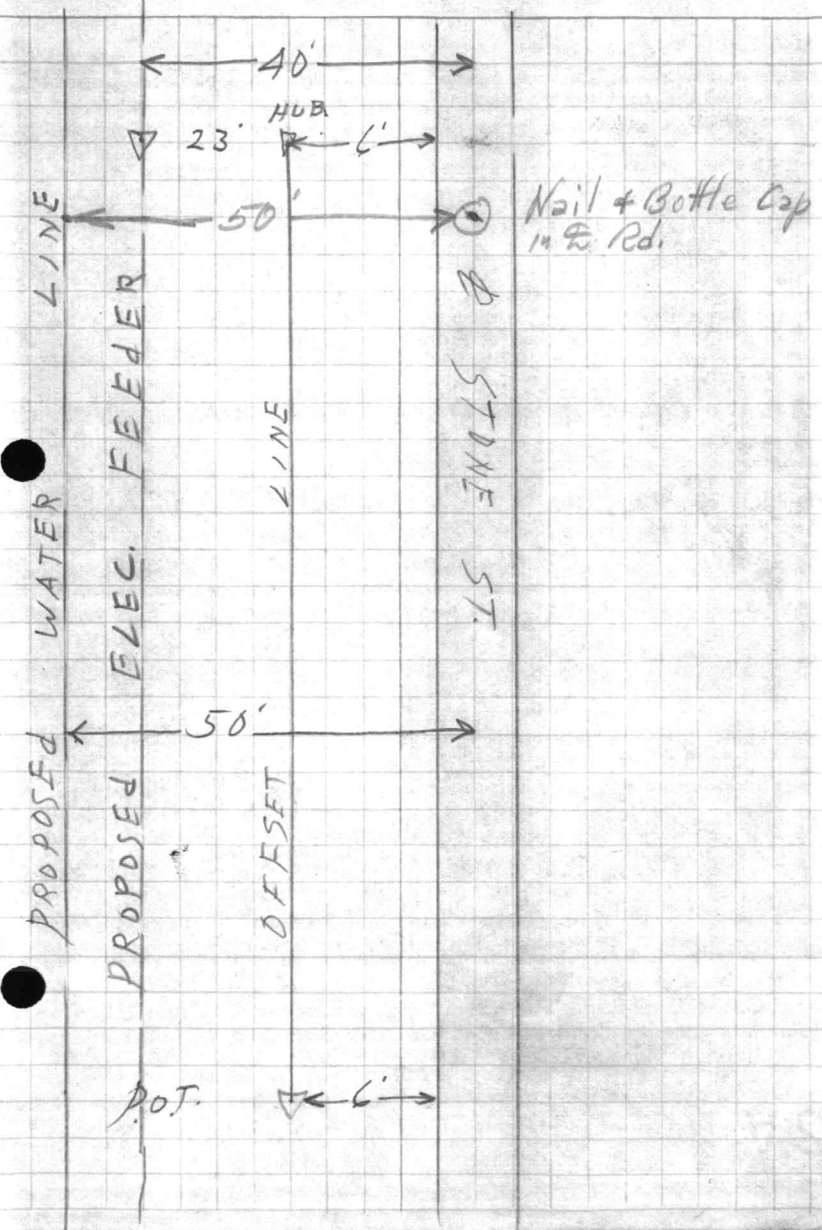
STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION

88+09.07 Sta. on Water Line = Tie to Old P.T. of Stone St. as set by using Plan Tangent Distance from Monument #411

P.C. 88+02.36

50+85.00 B.M.

P.O.T. 49+18.85



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NORTH CAROLINA

SUBJECT

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FILE No.
FLDR. No.
SHEET 2 of 4
DATE 19

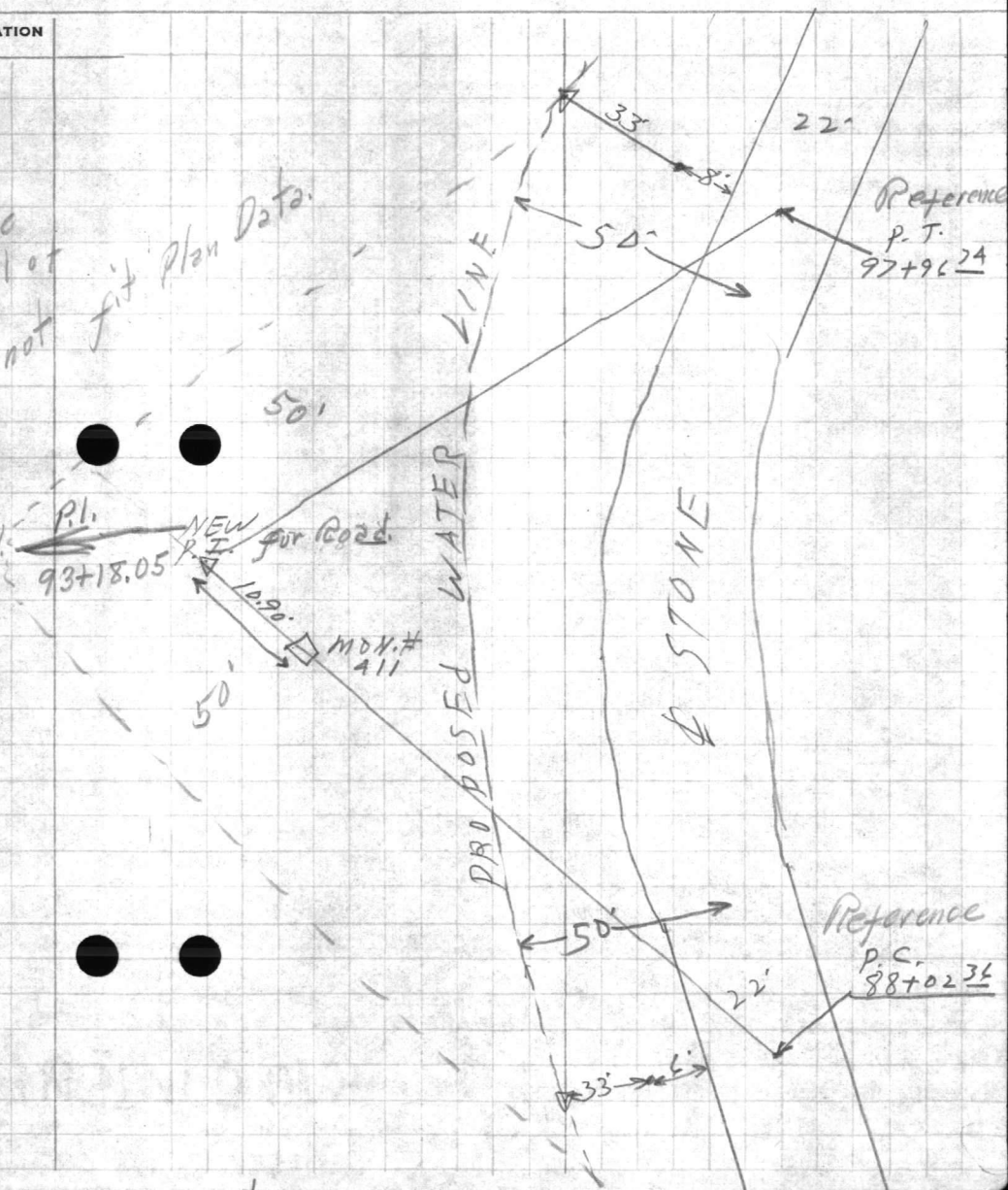
Quad. No.

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

P.I. 93+18.05
Δ 37°27'30" Rt.
D 3°46'04"
T 515.69
Lc 994.38
R 1520.98
Ext. 82.25
Defl. 1.1301 per ft.

Curve for Water Line worked from External of Stone St. as built. Stone St. Curve does not fit Plan Data.

132.25 to ℄ Rd.



1520.98
50
1470.98

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NORTH CAROLINA

SUBJECT

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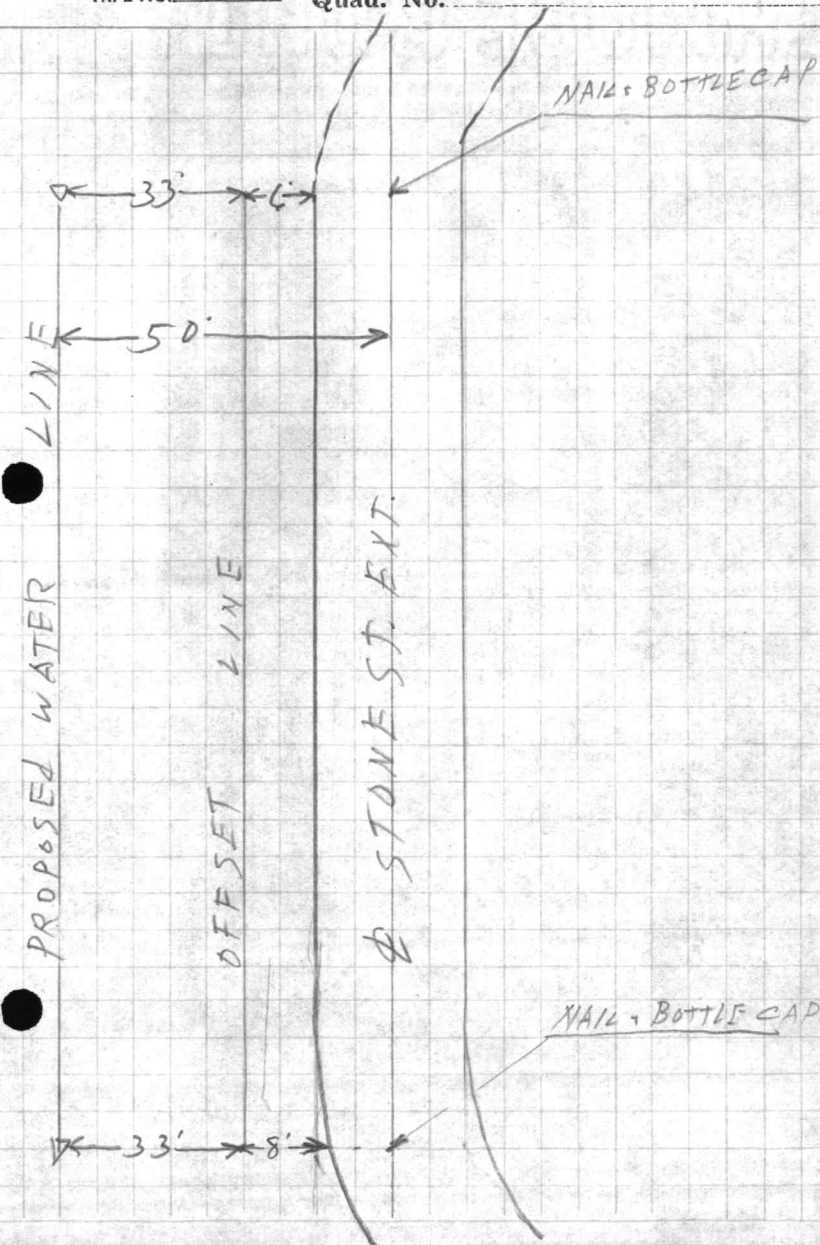
FLDR. No.
SHEET 3 of
DATE 19

Quad. No.

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



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NORTH CAROLINA

SUBJECT

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FILE No.
FLDR. No.
SHEET 4 of
DATE 19

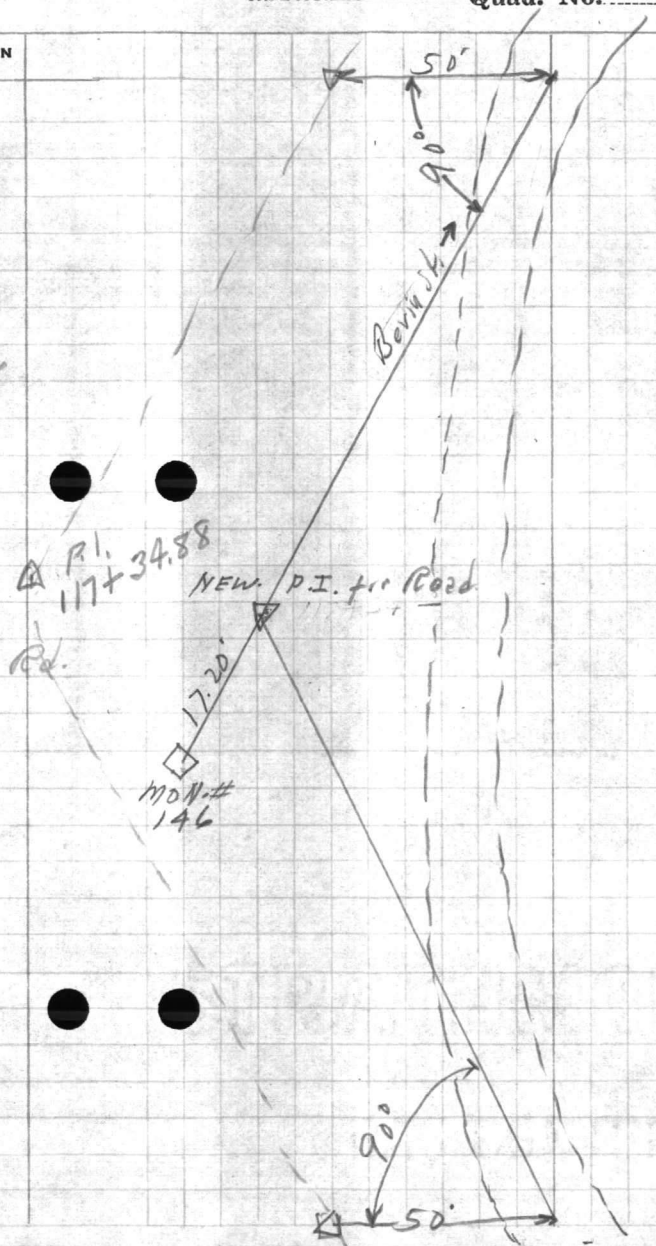
Quad. No.

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION
P.T.	927 + 78.80					

P.I 117 + 46.54
Δ 26° 14' 40" Rt.
D 1° 14' 54"
T 1069.74
La 2102.00
R 4589.00
Ext. 121.70
Defl. 0.3746' per ft.

Curve for Water line worked from external of stone St. as built.

171.70 to ℄ Rd.



P.C. 106 + 76.80

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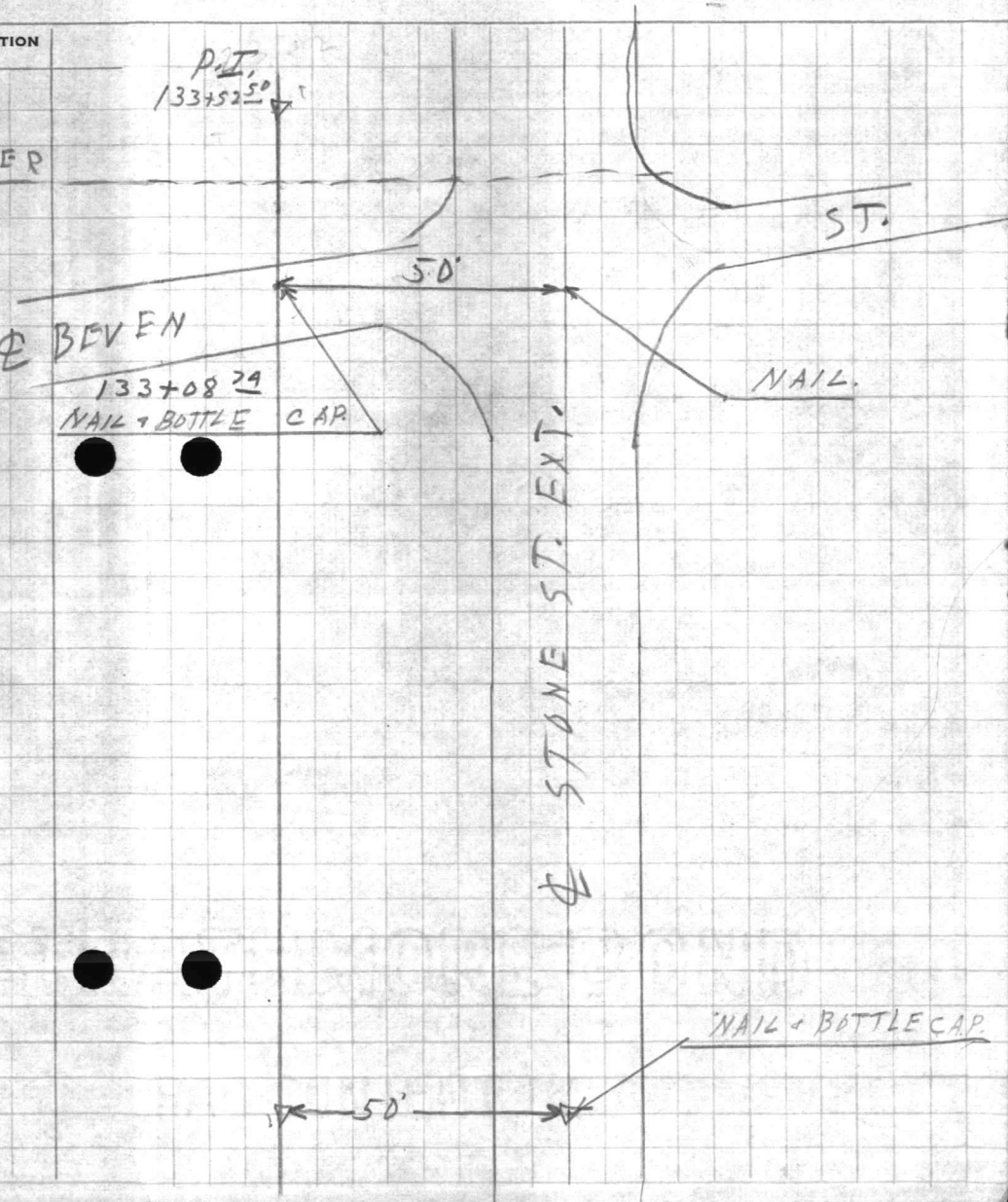
FLDR. No.
SHEET 5 of 4
DATE 19

Quad. No.

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



P.T. 127+78 80

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NORTH CAROLINA

SUBJECT

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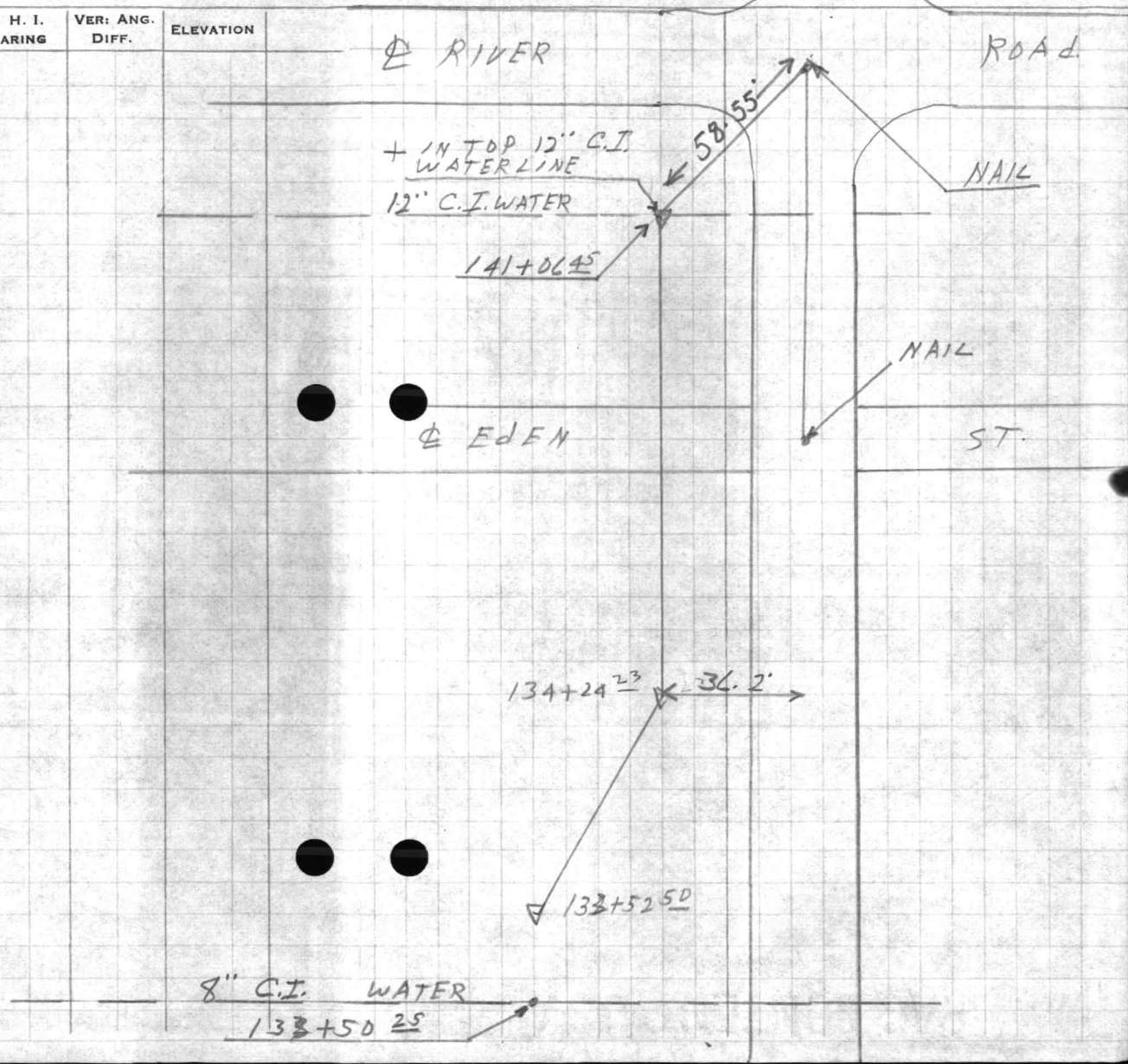
NOTES CHECKED BY
PLOTTED BY

Quad. No.

FILE No.
FLDR. No.
SHEET 6 of 6
DATE 19

STATION	DIST.	ANGLE ° ′ ″	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION
⊼ AT NAIL		321 41 30	1			
INT. STONE & RIVER.		245 64 00	2			
B.S. 141+06 45		321 41 20	M			
TO NAIL INT. STONE & EDEN						
⊼ AT 141+06 45		218 19 30	1			
B.S. 134+24 23		294 58 30	3			
TO NAIL INT. STONE & RIVER		218 19 30	M			
⊼ AT 134+24 23		168 45 00	1			
B.S. 133+52 50		337 30 00	2			
TO 141+06 45		168 45 00	M			
⊼ AT 133+52 50		191 15 00	1			
B.S. 127+78 20		22 30 00	2			
TO 134+24 23		191 15 00	M			



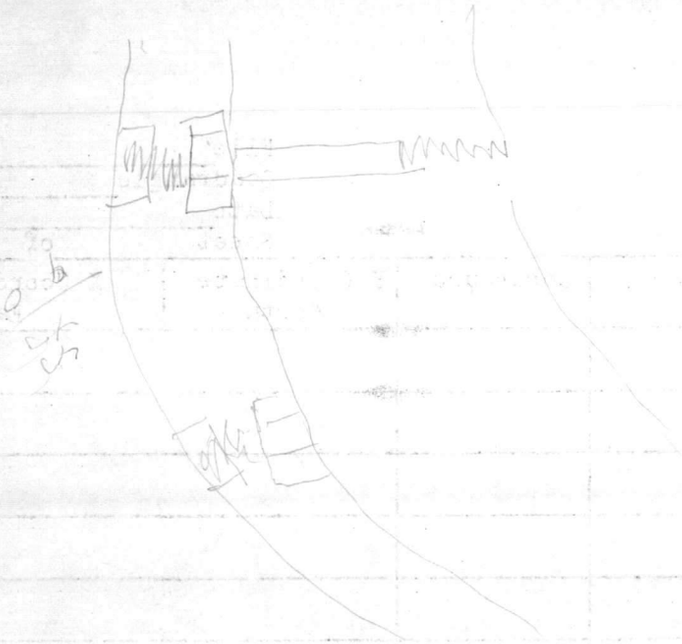
PUBLIC WORKS DEPARTMENT
Camp Lejeune, North Carolina
Survey Department

File
Quadrangle
Date
Sheet of

Traverse Computation
Description

Station	Distance	Bearing	Cosine	Sine	Latitude	Departure	Y Coordinate North	X Coordinate East
Int. Stone St. & Boring St.		N56° 44' E					346,015.73	2492,225.17
P.O.T 17+41.74	900'		54854	83612	493.69	752.51	346,509.42	2,492,977.68
P.I. 24+47.00							346,896.33	2,493,568.96
P.T. 34+80.51	1072.16	N30°08' E	86486	50201	927.27	538.24	347,823.60	2,494,107.20
P.O.T 37+08.51	228'	"	"	"	197.19	114.46	348,020.79	2,494 221.66
P.C. 43+57.32	648.81		"	"	561.13	325.71	348,581.92	2,494,547.37
P.I. 48+38.45		N6°59'30" W					348,998.10	2,494,789.86
P.T = 52+85.64 Bk. 53+07.22 Ah.	481.13	"	99256	12172	477.55	58.56	349,475.65	2,494,731.30
P.O.T. 58+67.22	560'	"	"	"	555.83	68.16	350,031.48	2,494,663.14
68+67.22	1000'	"	99256	12172	992.56	121.72	351,024.04	2,494,541.42
88+67.22	2000'	"	"	"	1985.12	243.44	353,009.16	2,494,297.98

2(385)
199



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SUBJECT Line References for Stake-out of Water Line to Capehart Housing. Holcomb Blvd.

FIELD PARTY
Morton IN CHARGE
INSTRUMENT
NOTES
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CLEAR, CLOUDY, WINDY, RAIN, FAIR, SNOW, HOT, MODERATE, COLD, FOG

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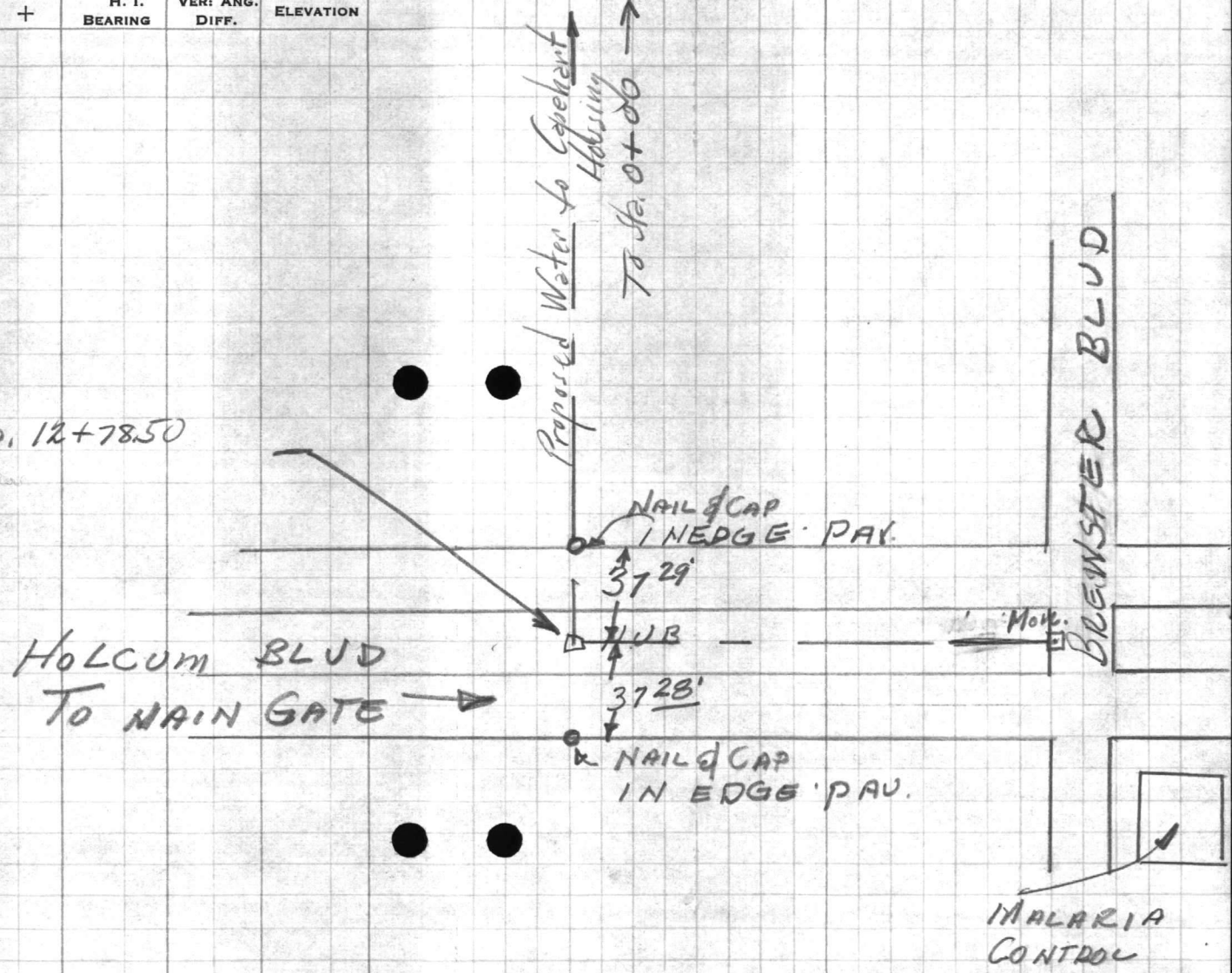
FILE No.
FLDR. No.
SHEET
DATE 8/4/1958
Quad. No.

STATION	DIST.	ANGLE ° ′ ″	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION



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NORTH CAROLINA

SUBJECT STAKE OUT PROPOSED WATER LINE CAPEHART HOUSING AREA NEAR SAW MILL AREA

FIELD PARTY
DENNIS IN CHARGE
INSTRUMENT
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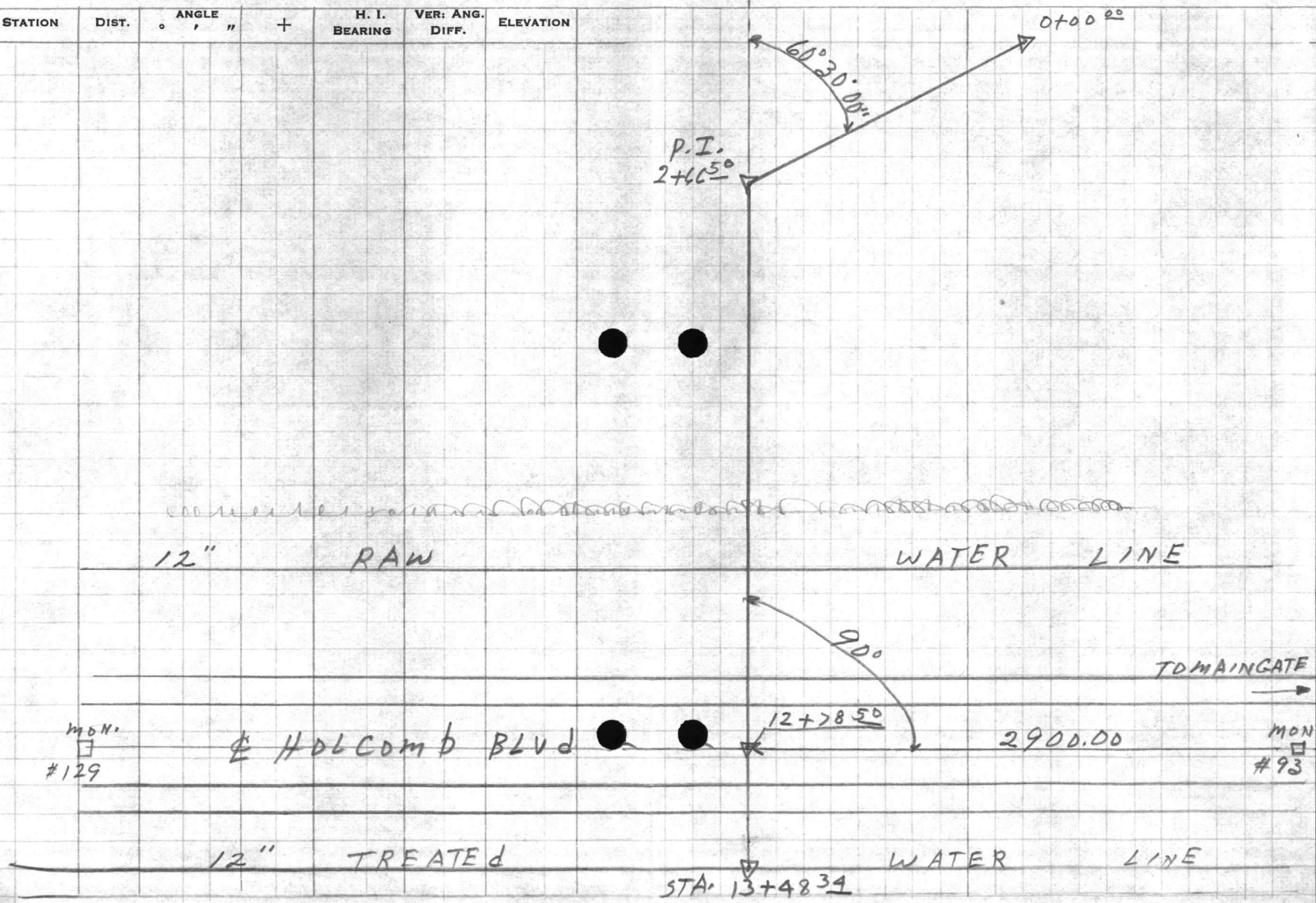
FILE No.
FLDR. No.
SHEET 1 of 1
DATE 4-21 1958
Quad. No.

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



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
U.S.M.C. MON. # 93		S21°43'14"E	TO	MON. #	129		356,365.52	2,497,986.35
POINT IN ℄ of HOLC. BLVd. 12+78.50 ON proposed water Line	2900.00'	" " "	929000	370080	2694.10	1073.23	353,671.42	2,499,059.58
P.I. 2+66.50 ON water Line	1012.00'	S68°16'46"W	370080	929000	374.52	940.15	353,296.90	2,498,119.43
0+00 ON water Line	266.50'	N51°13'14"W	626324	779563	166.92	207.75	353,463.82	2,497,911.68
12+78.50 ON water Line							353,671.42	2,499,059.58
Sta. 13+48.34 POINT ON EXISTING treated w. L.	69.84	N68°16'46"E	370080	929000	25.85	64.88	353,697.27	2,499,124.46

VALUABLE

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CAMP LEJEUNE
NORTH CAROLINA

SUBJECT PROFILE ON PROPOSED WATER LINE CAPEHART HOUSING SAWMILL AREA

FIELD PARTY
DENNIS IN CHARGE
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NOTES CHECKED BY
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FILE No.
FLDR. No.
SHEET 1 of
DATE 7. 21 1958
Quad. No.

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION	
B.m.			3.32	27.43		27.11	NAIL IN 14" PINE APPRO. 70' WEST OF R.R. TRACK ON Rd. TO SAWMILL.
T.P.					5.77	21.66	
			4.36	25.96			
T.P.					9.23	25.73	
			9.70	35.68			
T.P.					1.96	33.47	
			4.01	37.48			
T.P.					3.76	33.72	
			3.01	36.73			
T.P.					4.06	32.67	
			5.44	38.11			
B.m.				37.82	3.86	34.17 ~~34.25~~	see BENCH Level 4-22-58 R.R. SPIKE IN 8" PINE 17.50' RT. STA 0+75
			3.65	~~37.90~~ (37.8)		~~34.25~~	
0+00.00					4.5	33.3	
0+53.50							1.00' RT. 8" PINE
0+91.29							4.00' RT. 8" PINE
1+00					4.6	33.2	
1+40							16" PINE ON ℄ EDGE OF WOODS AND EDGE ~~BORROW~~ AREA
1+41					4.6	33.2	

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SUBJECT

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FILE No.
FLDR. No.
SHEET 2 of
DATE 19

Quad. No.

STATION	DIST.	ANGLE ° ′ ″	+	H. I. BEARING	VER. ANG. DIFF.	ELEVATION	
				~~37.82~~ ~~37.8~~			
1+48				(37.8)	5.3	32.5	
1+66					6.6	31.2	
1+84					7.4	30.4	BANK
1+90					9.6	28.2	
1+94					10.3	27.5	
1+98					11.6	26.2	DITCH
2+00					11.5	26.3	
2+04 80					11.4	26.4	DITCH
2+06					11.0	26.8	
2+14					10.0	27.8	
2+20					8.6	29.2	BANK
2+25					9.1	28.7	
2+45					8.0	29.8	
2+50					6.7	31.1	
2+66 50					6.0	31.8	P.I.

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FILE No.
FLDR. No.
SHEET 3 of
DATE 19

Quad. No.

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION	
				~~37.82~~ ~~37.90~~		31.92	
T.D.				37.82	5.90	~~32.00~~	TOP HUB
			5.90	~~37.90~~ (37.8)			
3+00					6.1	31.7	25' RT. EDGE Borrow AREA
3+31					6.4	31.4	
3+48					5.8	32.0	
3+49					4.8	33.0	EDGE Borrow AREA
3+52							2' RT- 12" PINE
4+00					4.7	33.1	
5+00					4.5	33.3	
5+34							7.50' LT. 20" Pine
5+37							12' LT. 12" Pine
5+96							3' RT. 8" Pine
6+00					4.4	33.4	
7+00					4.4	33.4	
						33.80	
T.P.				37.58	4.02	~~33.88~~	P.D.T. 6+78 50
			3.78	~~37.66~~ 37.6			
8+00					4.4	33.2	
9+00					4.2	33.4	

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FILE No.
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SHEET 4 of
DATE 19

Quad. No.

STATION	DIST.	ANGLE ° ′ ″	+	H. I. BEARING	VER. ANG. DIFF.	ELEVATION	
				~~37.66~~			
				37.58			
9+64				(37.6)			9.60' LT. 12" PINE
9+94							20" PINE ON ℄
10+00					4.2	33.4	
11+00					4.5	33.1	
11+							
11+55					4.5	33.1	
11+60					3.9	33.7	
11+90					3.8	33.8	WOOD LINE
12+00					4.3	33.3	
						34.28	
T.P.				34.73	3.30	~~34.31~~	
			0 45	~~34.81~~			
						31.38	(31.35)
B.M.					3.35	~~31.46~~	SPIKE IN 14" PINE APPRO. 50' RT. OF STA 13+48 34 IN EDGE OF WOODS.
			2 52	33.98			
T.P.					0.84	27.14	
			1 18	28.62			
T.P.					~~4.35~~	~~31.77~~	
			4 29	28.01			
					0 75	27.26	27.11

V 31.6

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SUBJECT

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PLOTTED BY

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SHEET 5 of
DATE 19
Quad. No. 8.47

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION	
B.M.			4 42	35.77		31.35	SPIKE IN 14" PINE APPRD. 50' RT. STA. 13+48 34
12+03					6.25	29.52	TOP RAW WATER LINE
12+08 50					6.02	29.75	TOP ELEC. CABLE
12+10 50							91.50' LT. P.P. A-55 88.50' RT. P.P. A-56
12+12					3.7	32.1	
12+18					4.6	31.2	
12+23					5.9	29.9	DITCH
12+24					5.9	29.9	DITCH
12+30					5.1	30.7	
12+36					4.5	31.3	
12+38					6.25	29.52	FIRE ALARM CABLE
12+41 20					4.31	31.46	WEST EDGE HOLCOMB BLVD.
12+52 40					4.11	31.66	℄ WEST LANE HOLCOMB BLVD.
12+63 20					4.30	31.47	EAST EDGE OF WEST LANE HOLCOMB
12+70					4.9	30.9	
12+78 50					5.5	30.3	
12+85					4.6	31.2	
12+93 26					4.05	31.72	WEST EDGE OF EAST LANE HOLCOMB
~~12+15 72~~ 13+04 20					4.12	31.65	℄ EAST LANE HOLCOMB BLVD.
13+15 22					4.34	31.43	EAST EDGE OF EAST LANE HOLCOMB
13+19 22					7.14	28.63	TEL. CABLE

℄ 28 50 / 26 20 / 4 70

E.1

VALUABLE

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CAMP LEJEUNE
NORTH CAROLINA

SUBJECT

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FILE No.
FLDR. No.
SHEET 6 of
DATE 19

Quad. No.

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION	
				35.77			
13+22 34					4 8	31.0	BANK
13+28 34					5 4	30.2	
13+33					6 2	29.6	DITCH
13+42 34					5 1	30.7	
13+48 34					8 47	27.30	TOP 12" TREATED WATER LINE
13+48 34					4 8	31.0	GROUND AT END of line
13							
Bm					4.42	31.35	SPIKE IN 14" PINE APPRO. 50' RT. STA. 13+48 34 4' IN EDGE WOODS
						31.35	

VALUABLE

RETURN TO PUBLIC WORKS OFFICE CAMP LEJEUNE NORTH CAROLINA

SUBJECT BENCH MARK CHECK ON PROPOSED WATER LINE CAPE HART HOUSING NEAR SAW MILL.

FIELD PARTY
DENNIS IN CHARGE
INSTRUMENT
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FILE No.
FLDR. No.
SHEET 1 of 1
DATE 4-22 1958
Quad. No.

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION	
B.m.			0 52	27 63		27 11	NAIL IN 14" PINE APPRD. 70' WEST R.R. ON Rd. LEADING TO SAW MILL
T.P.			4 18	25.68	6 13	21.50	
T.P.			10.25	35.64	0.29	25 39	
T.P.			3 82	37.28	2.18	33.46	
T.P.			2 67	36 35	3.60	33 68	
T.P.			5.18	37.73	3.80	32 55	
B.m.			3 64	37.81	3.56	34.17	R.R. SPIKE IN 8" PINE 17.50' RT. STA. 0+75 00
T.P.			5.44	37.75	5 50	32.31	
T.P.			3.75	37.85	3 65	34.10	
T.P.			1.45	35.71	3.59	34.26	
B.m.			2 55	33.90	4 36	31.35	R.R. SPIKE IN 14" PINE APPRD. 50' RT. STA. 13+48 34 IN EDGE WOODS

VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
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 2 of 2
DATE 19

Quad. No.

STATION	DIST.	ANGLE ° ′ ″	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION	
				33 90			
T. P.					6 88	27.02	
			2.07	29.09			
T. P.					7.30	21.79	
			5.94	27.73			
B.m.					0 61	27.12	NAIL IN 14" PINE APPRD. 70' WEST OF R.R. RD. LEADING TO SAWMILL

VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT COORDINATE TIE FOR CAPEHART WATER LINE (PROPOSED)

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 1-A
DATE 10-19 1956
Quad. No.

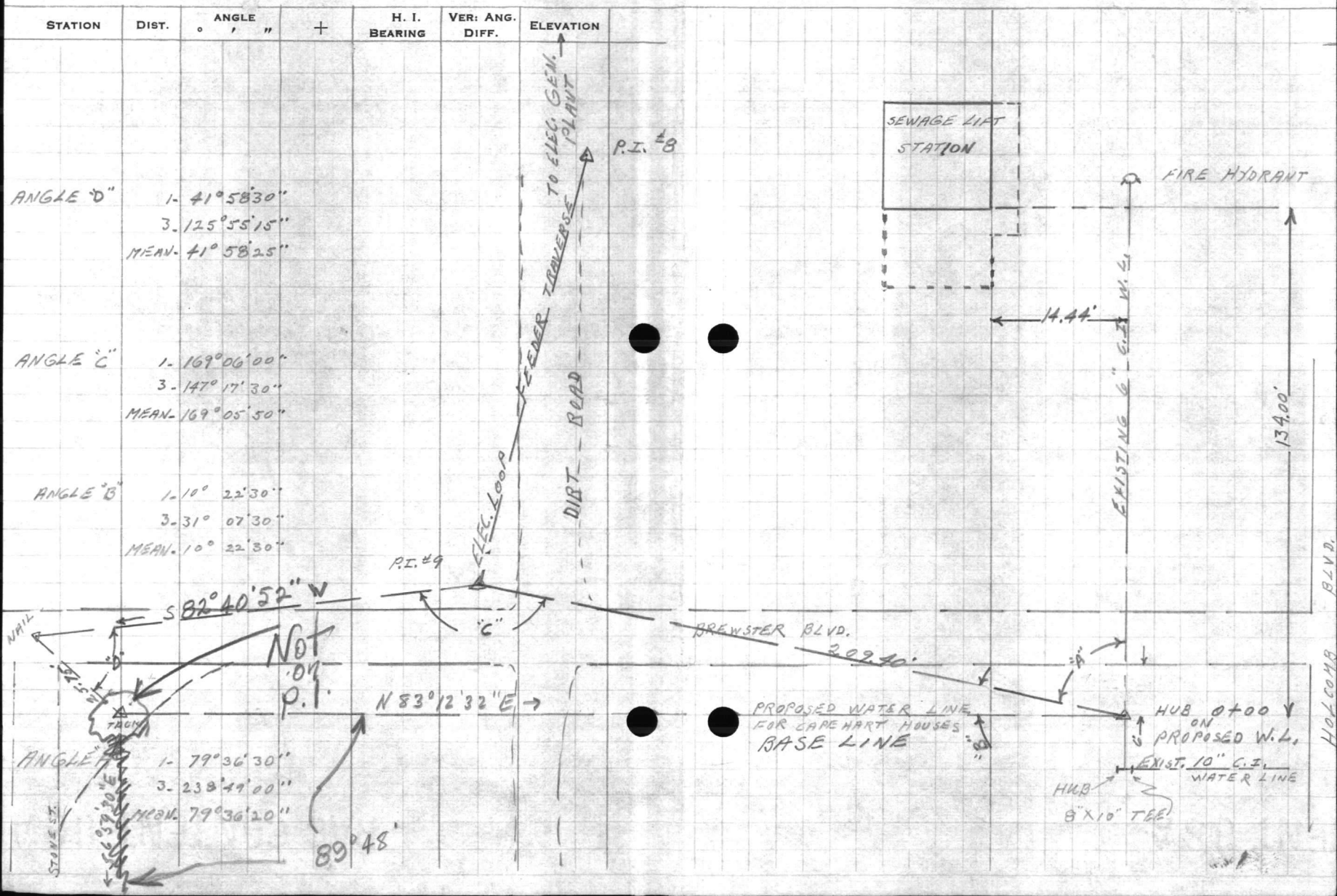
STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION

ANGLE "D"
1- 41°58'30"
3- 125°55'15"
MEAN- 41°58'25"

ANGLE "C"
1- 169°06'00"
3- 147°17'30"
MEAN- 169°05'50"

ANGLE "B"
1- 10° 22'30"
3- 31° 07'30"
MEAN- 10° 22'30"

ANGLE "A"
1- 79°36'30"
3- 238°49'00"
MEAN- 79°36'20"



VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT: WATER LINE
CAPEHART HOUSING

FIELD PARTY
SNIPES — IN CHARGE
SNIPES — INSTRUMENT
SZABO — NOTES
RAFFIEUR — TAPE READ
ANDREWS — TAPE OR ROD
— TAPE OR ROD
INSTRUMENT NO.
TAPE NO.

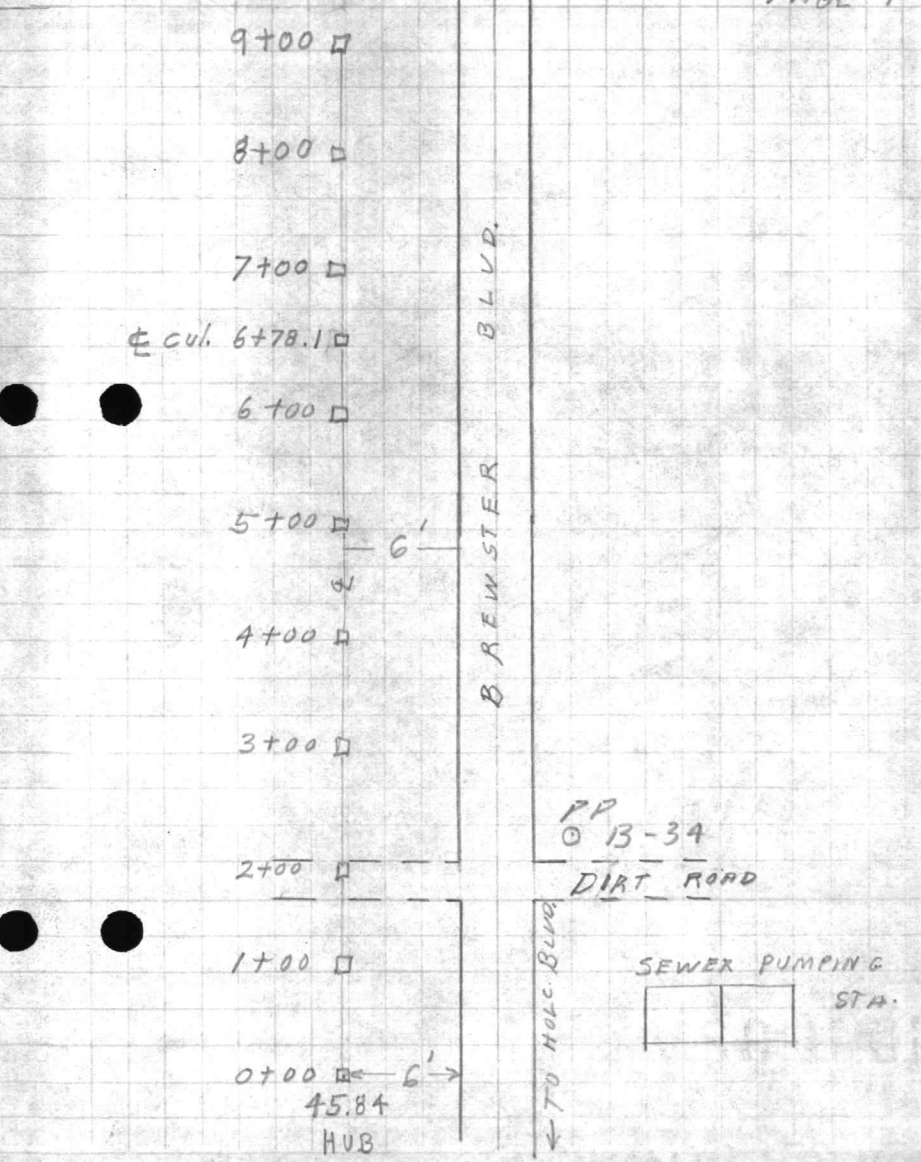
WEATHER
CLEAR, CLOUDY, WINDY, RAIN, FAIR, SNOW, HOT, MODERATE, COLD, FOG

FIGURED BY
NOTES CHECKED BY
PLOTTED BY

FILE No.
FLDR. No.
SHEET 1 OF
DATE 26 AUG 1956
Quad. No.

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

PAGE 1



446

VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT: WATER LINE
CAPEHART HOUSING

FIELD PARTY	
SNIPES	IN CHARGE
SNIPES	INSTRUMENT
SZABO	NOTES
BAFFLEUR	TAPE READ
ANDREWS	TAPE OR ROD
	TAPE OR ROD

INSTRUMENT NO.
TAPE NO.

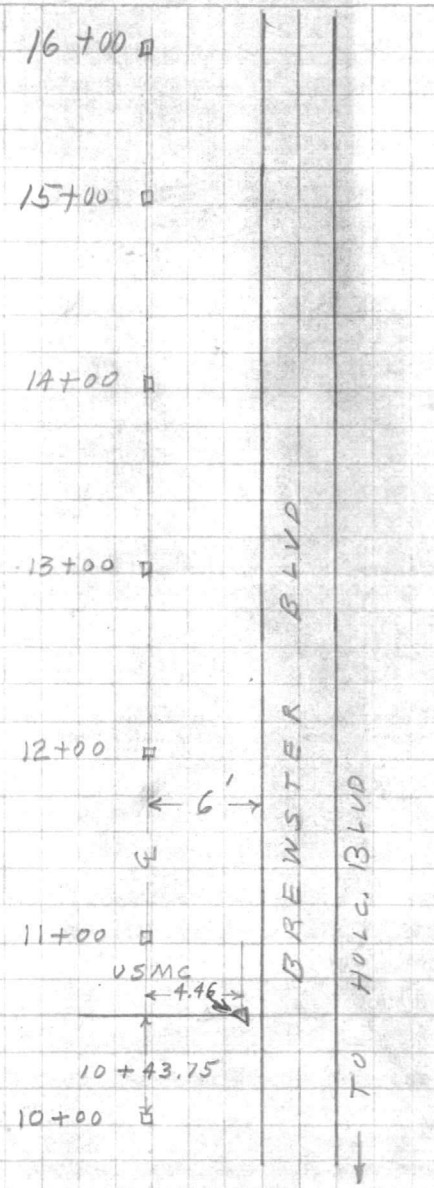
WEATHER: CLEAR, CLOUDY, WINDY, RAIN, FAIR, SNOW, HOT, MODERATE, COLD, FOG

FIGURED BY
NOTES CHECKED BY
PLOTTED BY

FILE No.
FLDR. No.
SHEET 2 OF
DATE 26 AUG 1956
Quad. No.

STATION	DIST.	ANGLE ° ′ ″	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION

PAGE 2



VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT: WATER LINE
CAPEHART HOUSING

FIELD PARTY
SNIPES — IN CHARGE
SNIPES — INSTRUMENT
SZABO — NOTES
RAFFLEUR — TAPE READ
ANDREWS — TAPE OR ROD
_____ — TAPE OR ROD
INSTRUMENT NO. _____
TAPE NO. _____

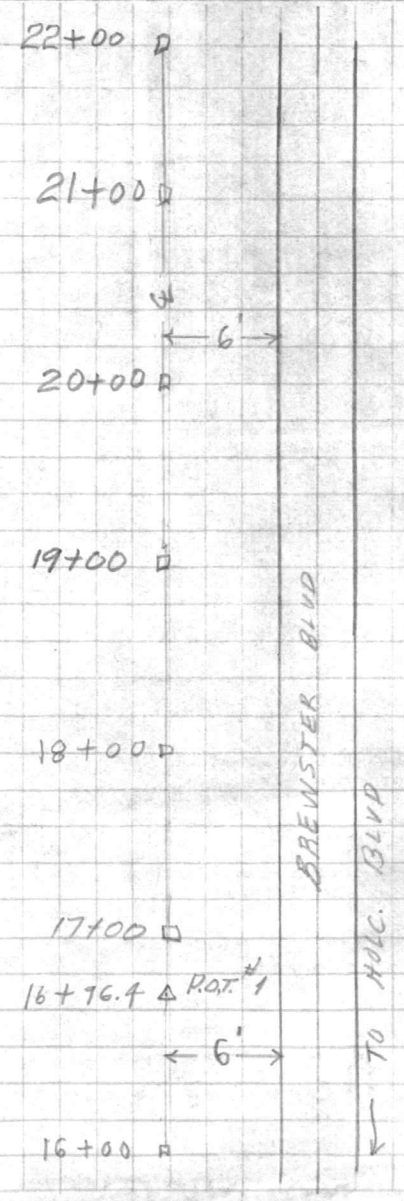
WEATHER
CLEAR, CLOUDY, WINDY, RAIN, FAIR, SNOW, HOT, MODERATE, COLD, FOG

FIGURED BY _____
NOTES CHECKED BY _____
PLOTTED BY _____

FILE No. _____
FLDR. No. _____
SHEET 3 OF
DATE 26 AUG 1956
Quad. No. _____

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

PAGE 3



23472.68

VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT: WATER LINE
CAPE HART HOUSING

FIELD PARTY

SNIPES — IN CHARGE
SNIPES — INSTRUMENT
SNIPES — NOTES
RAMMEL — TAPE READ
AMMOORE — TAPE OR ROD
ANDREWS — TAPE OR ROD

INSTRUMENT NO.
TAPE NO.

WEATHER

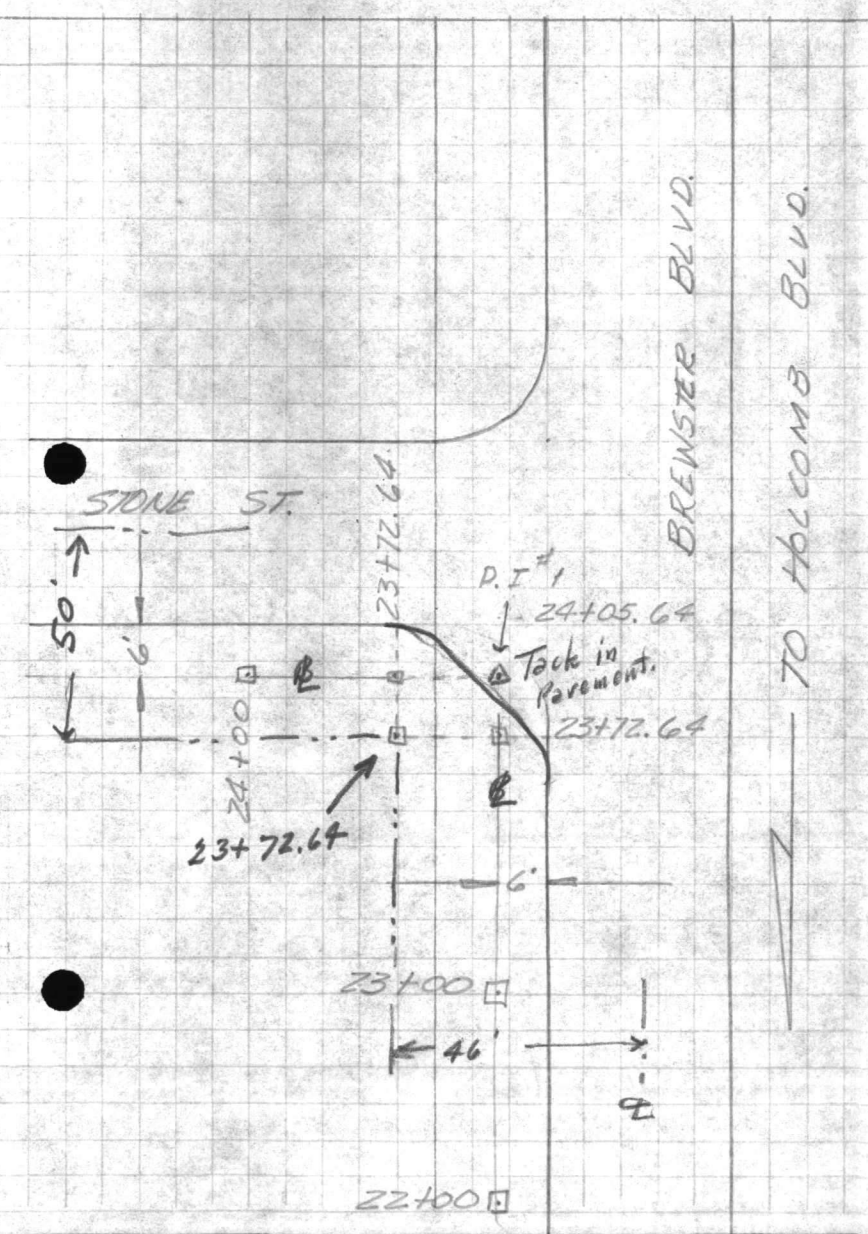
CLEAR, CLOUDY, WINDY, RAIN, FAIR, SNOW, HOT, MODERATE, COLD, FOG

FIGURED BY
NOTES CHECKED BY
PLOTTED BY

FILE No.
FLDR. No.
SHEET 4 OF
DATE 28 AUG 1952

Quad. No.

STATION	DIST.	ANGLE ° ′ ″	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION



VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT: WATER LINE
CAPE HART HOUSING

FIELD PARTY
SZABO — IN CHARGE
SZABO — INSTRUMENT
RAFROEF — NOTES
AMICONE — TAPE READ
ANDREWS — 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 27 AUG 1956
Quad. No. _____

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

PAGE-5

31+00

30+00

29+00

28+00

27+00

←6'→

26+00

25+00

24+00

STONE ST.

← TO OFFICERS COUNTRY

BREWSTER BLVD.

VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT: WATER LINE
CAPE HART HOUSING

FIELD PARTY	
SNIDES	IN CHARGE
SNIDES	INSTRUMENT
SNIDES	NOTES
RAFFLER	TAPE READ
AMICALE	TAPE OR ROD
ANDREWS	TAPE OR ROD

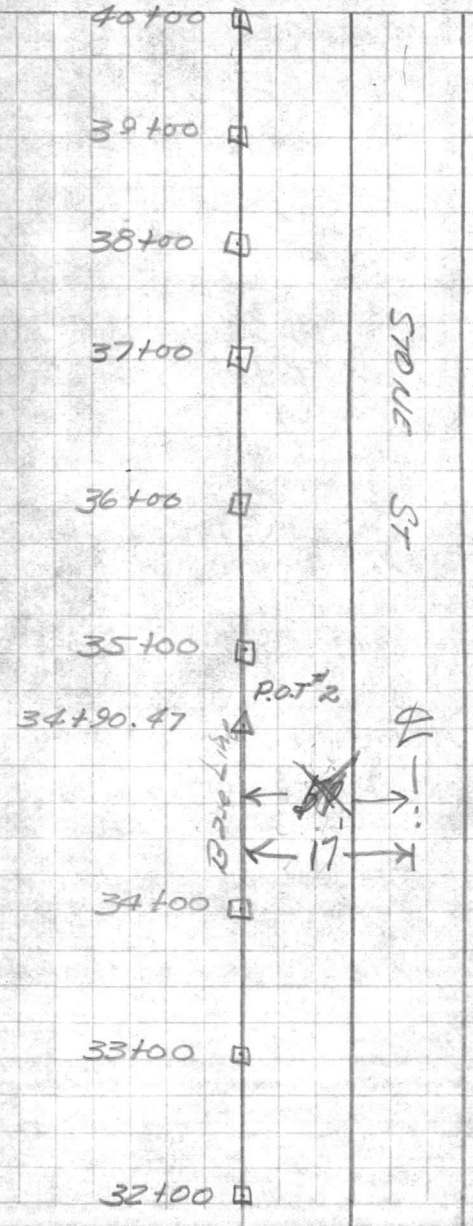
INSTRUMENT NO.
TAPE NO.

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 28 AUG 1956
Quad. No.

STATION	DIST.	ANGLE ° ′ ″	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION



VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT: WATER LINE
CAPEHART HOUSING

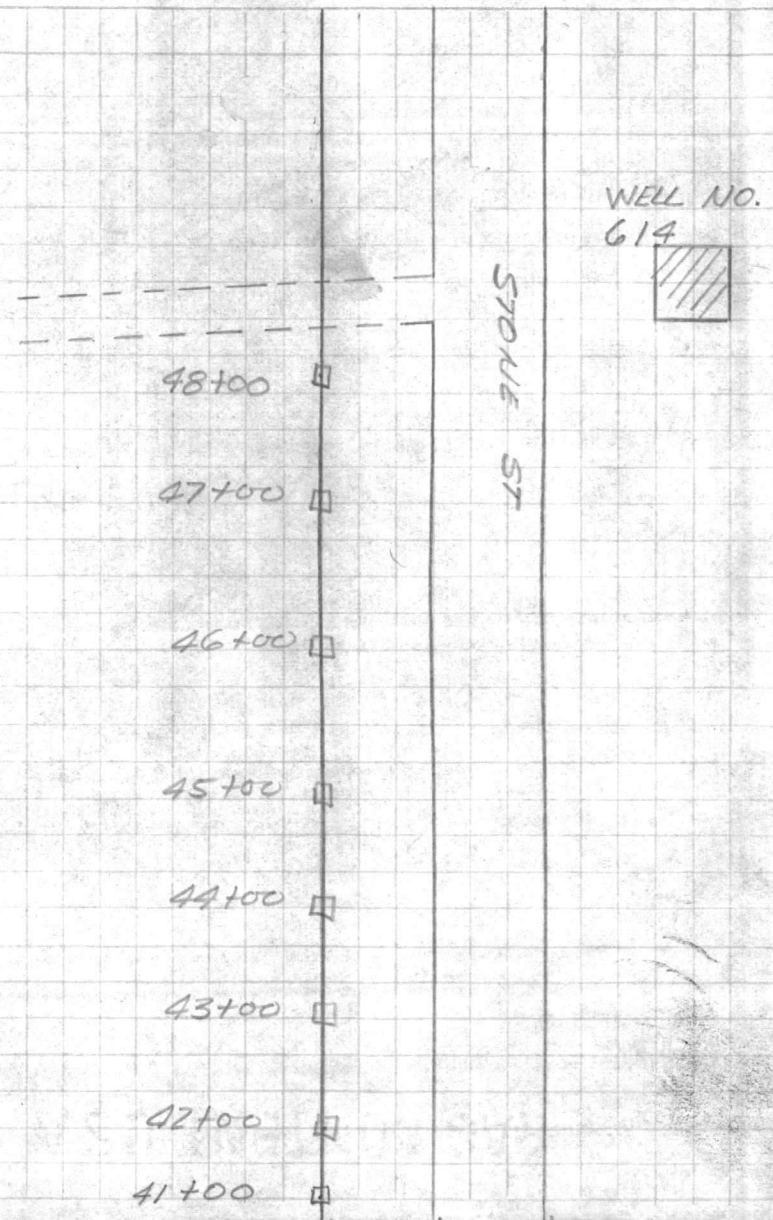
FIELD PARTY
SNIPES — IN CHARGE
SNIPES — INSTRUMENT
SNIPES — NOTES
RAFFLER — TAPE READ
AMICONE — TAPE OR ROD
ANDREWS — TAPE OR ROD
INSTRUMENT NO.
TAPE NO.

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 28 AUG 1956
Quad. No.

STATION	DIST.	ANGLE ° ′ ″	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION



PUBLIC WORKS DEPARTMENT
Camp Lejeune, North Carolina
Survey Department

File
Quadrangle
Date
Sheet of

Traverse Computation
Description Water Main — Capehart Housing, Brewster Blvd. - Stone St.

Station	Distance	Bearing	Cosine	Sine	Latitude	Departure	Y Coordinate North	X Coordinate East
P.I. #9 on Elec. Feeder Trav.		S82°40'52"W	to Int. of	Brewster	Blvd. + Stone	St.	356,190.59	2,496,143.50
0+00 Baseline @ 29.07' from W.L.	209.40	S86-24-58E	062251	998044	13.09	208.99	356,177.50	2,496,352.49
		S83-12-32W	To B.P.I.	Sta. 23+72.64				
Int. of Brewster + Stone		N82-40-52E	to P.I. #9	Elec. Feeder	Traverse.		355,907.98	2,493,943.14
Tack in Pavement 33 ft. Ahead of Base Line Sta. 23+72.64	25.75	S55-20-43E	568630	822594	14.64	21.18	355,893.34	2,493,964.32
Bearing South on Stone St.		S6°59'30"E						

83 0047
659-330
90-00-17

VALUABLE

RETURN TO PUBLIC WORKS OFFICE CAMP LEJEUNE NORTH CAROLINA

SUBJECT: Profile and Topography
Cape Fear Water Main
Brewster Blvd via Stone St.
to River Road

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 8-28 19
Quad. No.

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER. ANG. DIFF.	ELEVATION	
B.m.			4 73	33.27		28 54	SPIKE IN P.P. # B-34 INT. BREWSTER BLVD. & DIRT RD. GEN. PLANT.
0+00					7.9	25.4	9' LT. WOOD LINE
0+40				33.3	7 7	25.6	
0+51							10.1 RT. GUY WIRE
0+76							10.1' RT. POWER POLE # AA-71
1+00					5.2	28.1	10' LT. WOOD LINE
1+83					3.0	30.3	
1+87					5.5	27.8	Edge of Earth Road
2+06					5.4	27.9	" " " "
2+10							10.1' RT. P.P. # B-35 31' LT. GUY POLE B-35S
2+20							10.1' RT. CONC. POST (TEL.)
2+25					3.2	30.1	9' LT. WOOD LINE
3+00					2 1	31.2	6' LT. WOOD LINE
3+43							10.1' RT. P.P. B-36
4+00					2.9	30.4	7' LT. WOOD LINE
5+00					2.7	30.6	7' LT. WOOD LINE
5+17 Sp							10.1' RT. P.P. B-37

VALUABLE

RETURN TO PUBLIC WORKS OFFICE 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 2 of
DATE 19
Quad. No.

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION	
				33 27			
					3 73	29.54	
			4 33	33.87			
5+80				33.9	4.7	29.2	
6+00					5.9	28.0	3.40' LT. WOOD LINE
6+23					9.1	24.8	
6+78				PIPE	9.9	24.0	8.60' RT. END 18" R.C.P.
6+78					10.0	23.9	
6+92							10.1 RT. P.P. B-38
7+00					8.8	25.1	7' LT. WOOD LINE
7+72					4.4	29.3	
8+00					3.8	30.1	7' LT. WOOD LINE
8+68					~~3.9~~		10.1' RT. P.P. # B-39
9+00					3.9	30.0	4' LT. WOOD LINE
10+00					3.8	30.1	4' LT. WOOD LINE
						31.61	
T.P.				35 43	2.24	~~31.01~~	
			3 82	~~34.84~~			

VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
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 30
DATE 19
Quad. No.

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION	
				~~34 84~~ 35 43			
10+44				(35.5)			10.1' RT. P.P. B-40
11+00					5 4	30.1	4' LT. WOOD LINE
11+02							2.6' RT. CONC. POST. (TEL.)
12+00					4 7	30.8	5' LT. WOOD LINE
12+20							10.1' RT. P.P. B-41
13+00					3 7	31.8	3' LT. WOOD LINE
13+23							10.1' RT. GUYWIRE
13+94							10.1' RT. P.P. B-42 11' LT. GUYWIRE
					~~4 2~~		
14+00					4 2	31.3	7' LT. WOOD LINE
14+15							10.1' RT. GUYWIRE
15+00					3 9	31.6 32.58	3' LT. WOOD LINE
T.P.				34 64	2.85	~~31.99~~	
			2 06	~~34.05~~			
15+45					7.1	27.6	
15+52				(34.7)	4.5	30.2	
15+59					3 5	31.2	
15+69							10.1' RT. P.P. B-43

VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
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
DATE 19

Quad. No.

STATION	DIST.	ANGLE ° ′ ″	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION	
				~~3405~~ 3464 ✓			
16+00				3466	3 0	31.7	34' LT. WOOD LINE
17+00					3 2	31.5	34' LT. WOOD LINE
17+44			34.7				10.1' RT. P.P.B. 44
18+00					3 2	31.5	3.4' LT. WOOD LINE
18+60					3 7	31.0	
19+00					4 7	30.0	4.4' LT. WOOD LINE
19+19							10.1' RT. P.P. # B. 45
19+34							9' LT. COR. WOODS
19+88							3.60' RT. SEWER M.H.
19+92					9 15	25.51	TOP 15" SEWER LINE (T.C.) ON ℄
20+00					5 3	29.4 ✓	31.4' LT. WOOD LINE
				✓		3028	
T.P.				3230	4 36	~~29.69~~	
			2 02	~~3171~~			
20+93							10.1' RT. P.P. B. 46
			32.3				
21+00					3 8	28.5	11' LT. WOOD
22+00					3.2	29.1	12' LT. WOOD LINE
22+70							10.1' RT. P.P. B. 47

VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
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 50
DATE 19
Quad. No.

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER. ANG. DIFF.	ELEVATION	
				32.30 ~~31.71~~			
23+00					3.9	28.4	12.4' LT- COR. WOODS
23+08			32.3		4 2	28.1	
23+15					5 2	27.1	
23+20					4 9	27.4 ✓	
						27.55 (27.60)	
B.M.				33 ~~72~~ ✓77	4 75	~~26.91~~	STONE ⊥ BREWSTER
			617	~~33.13~~			
23+72	64	33' OFF SET.			6.1	27.7	
24+00			33.8		6 2	27.6	
24+15					6.3	27.5	
24+21					6.8	27.0	DITCH
24+33					5 5	28.3	
24+51							1.00' RT- COR. WOODS
25+00					4 0	29.8	7' RT. WOOD LINE
25+93							4' RT. COR. WOODS
26+00					3.9	29.9	
26+36							8' LT. COR. WOODS
27+00					6 0	27.8	6' RT. WOOD LINE
27+10					6 6	27.2	

26+09.5 Top 15" T.C. Sewer Elev. 25.14

VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT Radius Location

Int. Stme St. & Brewster Blvd.

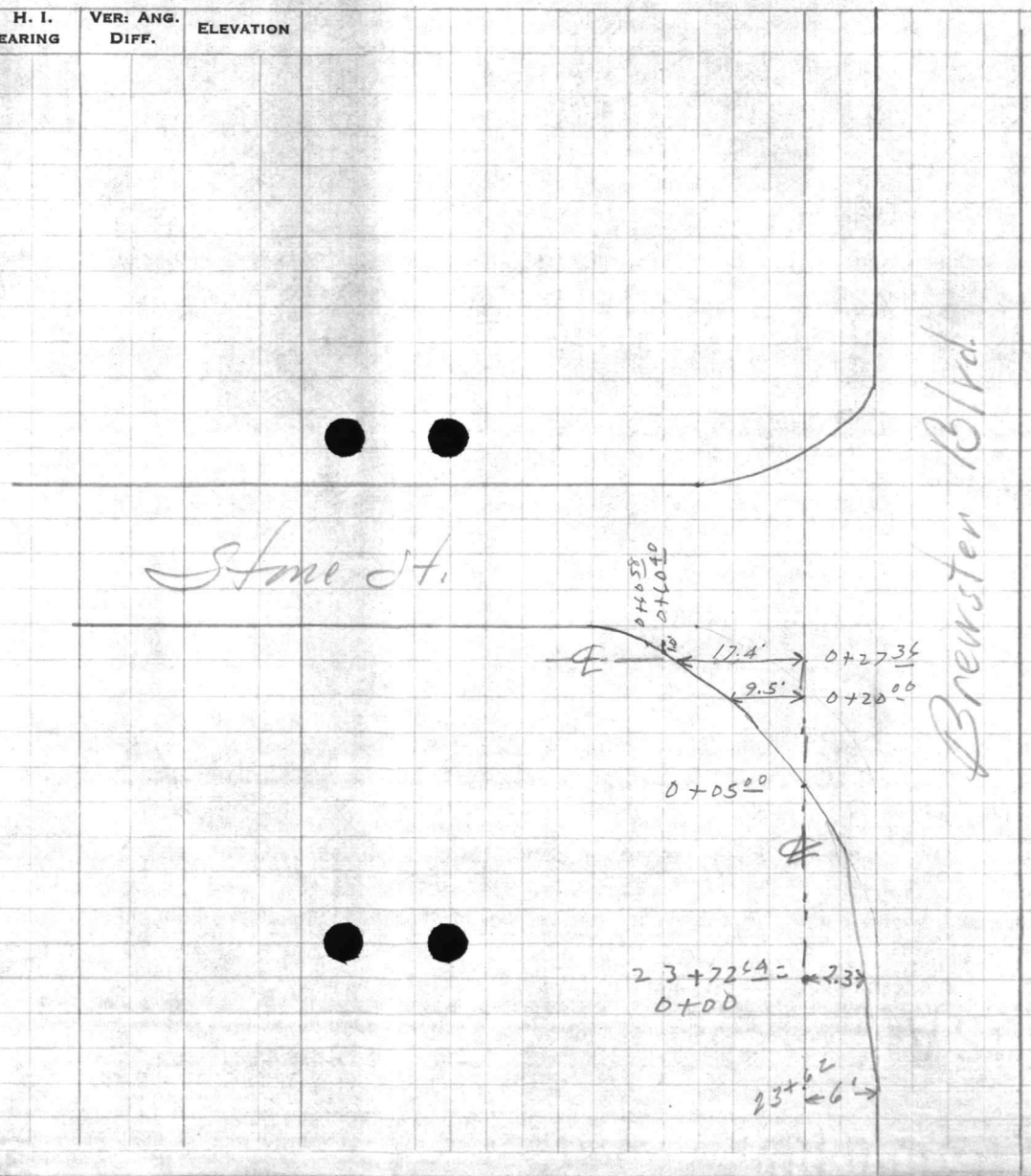
FIELD PARTY
Dennis IN CHARGE
INSTRUMENT
NOTES
TAPE READ
TAPE OR ROD
TAPE OR ROD
INSTRUMENT NO.
TAPE NO.

WEATHER
CLEAR SNOW
CLOUDY HOT
WINDY MODERATE
RAIN COLD
FAIR FOG

FIGURED BY
NOTES CHECKED BY
PLOTTED BY

FILE No.
FLDR. NO.
SHEET 5-A
DATE 19
Quad. No.

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



VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
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 6 of
DATE 19
Quad. No.

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION	
				33.77 ~~33.72~~			
27+21					8.6	25.2	DITCH
				33.8			
27+31					10.5	23.3	19' RT. 24" C. M. PIPE →
27+33					6.5	27.3	BANK
						25.34 ~~25.29~~	
T.P.				32.84 ~~32.79~~	8.43	~~24.70~~	
			7.50	~~32.20~~			
							H.I. 32.84 ~~33.20~~ 26+09.50 ON ℄ TOP SEWER LINE
							7.70 ~~24.50~~ 25.14
				32.8			
28+00					3.6	29.2	5' RT. WOOD LINE
29+00					3.3	29.5	5' RT. WOOD LINE
30+00					2.9	29.9	8' RT. WOOD LINE
30+24.50							29' RT. TEL. CABLE SPICE MARKER
31+00					2.4	30.4	10' RT. WOOD LINE
						30.08 ~~30.03~~	
T.P.				34.43 ~~34.38~~	2.76	~~29.44~~	
			4.35	~~33.89~~			
32+00					4.2	30.2	5' RT. WOOD LINE
				34.4			
33+00					3.6	30.8	8' RT. WOOD LINE
34+00					2.9	31.5	9' RT. WOOD LINE
35+00					3.1	31.3	8' RT. WOOD LINE

VALUABLE

RETURN TO PUBLIC WORKS OFFICE 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 7 of
DATE 19
Quad. No.

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER. ANG. DIFF.	ELEVATION	
				~~34 38~~ 43 ~~33 89~~			
36+00					3 0	31.4	7' RT. WOOD LINE
						31 ~~06~~ 11	
T.P.				35 ~~73~~ 78	3.32	~~30 57~~	
			4 67	~~35.24~~			
37+00			35.8		4 4	31.4	6' RT. WOOD LINE
38+00					4.4	31.4	3' RT. WOOD LINE
39+00					4 9	30.9	3' LT. WOOD LINE
40+00					4 4	31.4	5' LT. WOOD LINE
40+63							4' LT. CONC. POST. (TEL.) Splice Marker
41+00					4 8	31.0	5' LT. WOOD LINE
						32 ~~02~~ 07	
T.P.				36 ~~01~~ 06	3.71	~~31.53~~	
			3 99	35 ~~52~~			
42+00			36.1		4 2	31.9	3' RT. WOOD LINE
43+00					4 5	31.6	5' RT. WOOD LINE
44+00					4 0	32.1	8' RT. WOOD LINE
45+00					4 3	31.8	10' RT. WOOD LINE
45+18.20							32' RT. TEL. M.H.
46+00					4 3	31.8	11' RT. WOOD LINE

52 x 30

40 x 70

VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT

FIELD PARTY
IN CHARGE
INSTRUMENT
NOTES
TAPE READ
TAPE OR ROD
TAPE OR ROD
STRUMENT NO.
TAPE NO.

WEATHER
CLEAR, CLOUDY, WINDY, RAIN, FAIR, SNOW, HOT, MODERATE, COLD, FOG

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NOTES CHECKED BY
PLOTTED BY

FILE No.
FLDR. No.
SHEET 8 of
DATE 19
Quad. No.

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER. ANG. DIFF.	ELEVATION	
				~~36.01~~ 36.06 ~~35.52~~			
				35.88 ~~35.63~~		32.11 ~~32.06~~	
T.P.			3.77	~~35.34~~	3.95	~~31.57~~	TOPSTAKE 46+00
47+00					4.7	31.2	11' RT. WOOD LINE
47+88			35.9				105' LT- P.P. # AB-25
47+94							11' RT- COR. WOODS
48+00					5.0	30.9	
48+07							104' RT- P.P. # AB-26
48+20							24.50' RT. END. 15" R.C.P.
48+27		Get later				?	WATER LINE ON ℄
48+44							24.50' RT. END 15" R.C.P.
48+48							13' RT. COR. WOODS
49+00					4.8	31.1	13' RT. WOOD LINE
T.P.					~~5.96~~	~~29.38~~ ~~29.48~~	
B.M.			3.15	35.26 ~~35.21~~ ~~34.72~~		32.11 ~~32.06~~ ~~31.57~~	TOP STAKE 26+00
~~T.P.~~				34.13 ~~34.04~~	4.71	30.55 ~~30.50~~ ~~30.01~~	
			3.58	~~33.59~~		32.70 ~~32.15~~ (32.18)	
B.M.					1.93	~~31.66~~	SPIKE IN 12" PINE STA 90+23 60' Rt. STONE ST. EXT.

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PUBLIC WORKS
OFFICE
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 9 of
DATE 19
Quad. No.

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION	
B.M.			236	34.~~54~~		32.~~15~~	SPIKE IN 12" PINE STA. 90+ STONE ST. EXT.
50+00					3.2	31.3	16' RT. WOOD LINE
51+00					3.5	31.0	16' RT- WOOD LINE
52+00					3.6	30.9	14' RT- WOOD LINE
53+00					4.0	30.5	13' RT- WOOD LINE
54+00					4.3	30.2	14' RT- WOOD LINE
T.P.			402	34.~~25~~ 28	4.28	30.~~23~~ 26	
55+00					4.1	30.4	14' RT- WOOD LINE
55+29							25' RT. END 18" R.C.P.
56+00					4.2	30.3	16' RT. WOOD LINE
57+00					4.2	30.3	15' RT- WOOD LINE
T.P.					479	29.~~41~~ 49	

VALUABLE

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SUBJECT: Profile - Capehart Water Main - Stone Street

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 10 of; DATE 19

Quad. No.

STATION	DIST.	ANGLE ° ' "	+	H. I. / BEARING	VER: ANG. DIFF.	ELEVATION	
B.M.			2.39	34.57		32.18	SPIKE IN 12" PINE 90+23 60' RT. STONE ST.
T.P.					3 40	31.17	
			2.46	33.63			
T.P.					3.16	30.47	
			3.18	33.65			
58+00					3 6	30 65	17/27/34 W. 16' RT. wood
59+00					3 8	29 85	17/20/37 W. 13' RT. wood.
60+00					3 8	29 55	17/27/38 12' RT. wood
B.M					2.24	31.41	SPIKE IN PINE 60+50 ±
			3.12	34.53			
61+00					4 5	30 03	18/17/35 15' RT. wood
62+00					5 0	29 53	17 13' RT. wood.
63+00					4 3	30 23	17/27/35 12' RT. wood
64+00					4 6	29 93	17 13' RT. wood
T.P.					4 15	30.38	
			4.25	34.63			
65+00					4.2	30 43	12' RT. wood
66+00					4.4	30 23	13' RT. wood

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RETURN TO
PUBLIC WORKS
OFFICE
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 11 of
DATE 19
Quad. No.

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION		
				34.63				
67+00					4 8	29 83	17	13' RT- WOOD.
68+00					4.8	29 83	18 17 35	15' RT- WOOD.
T.P.					4.89	29.74		
			1.80	31.54				
69+00					2 3	29 24		12' RT- WOOD.
69+50					3.3	28 24		
70+00					4 7	26 84	17 35	18 RT. WOOD.
70+16							11 12 23	22' RT- END 18" R.C.D.
70+25					5.6	25 94		
70+60					4 5	27 04	17	15.5' RT. CONC. POST. (TEL)
71+00					4 5	27 04	17 18 35	14' RT. WOOD.
72+00					2 6	28 94	17	16' RT- WOOD.
T.P.				34 03	3.01	28 53		
			5.50	~~33.03~~				
73+00					4 1	29 93	17 12 34	16' RT- WOOD.
74+00					4 4	29 63	17	16. RT- WOOD.
75+00					4 0	30 03	17	13' RT- WOOD.

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RETURN TO
PUBLIC WORKS
OFFICE
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 12 of
DATE 19
Quad. No.

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION		
				~~33 03~~				
76+00				34 03	3 6	30 43	22/38	12' RT. WOOD.
T.P.				35	4 23	29 ~~28~~ 80		
			5 67	~~34~~.47				
77+00					4 7	30 77	17	13' RT. WOOD.
78+00					4.6	30 87	13/21	12' RT. WOOD.
79+00					4 5	30 97	17	13' RT. WOOD.
80+00					4 6	30 87		13' RT. WOOD
T.P.				34	4.86	30 ~~29~~.61		
			3 97	~~33~~ 58				
81+00					3 8	30 78	19/17/36	14' RT. WOODS
82+00					4.0	30 58	17/21	13' RT. WOOD.
82+50					5.1	29 48		
83+00					6 8	27 78		14' RT. WOOD
83+50					7 7	26 88		
83+85							10'	EARTH RD. ON ℄
T.P.				34	5 16	29 ~~28~~ 42		
			5.13	~~33~~ .55				

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RETURN TO
PUBLIC WORKS
OFFICE
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

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NOTES CHECKED BY
PLOTTED BY

FILE No.
FLDR. No.
SHEET 13 of
DATE 19

Quad. No.

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER. ANG. DIFF.	ELEVATION	
				~~33 55~~			
84+00				34 55	5 9	29 45	
84+14							39' RT. & 10' EARTH Rd. EDGESTONE ST.
84+45					7 6	26 95	
85+00					5 6	28 95	15' RT. wood
85+50					6 2	28 35	
86+00					8.0	26 55	13' RT. wood.
T. P.			4 02	33 ~~32~~ 66	4 91	29 ~~28~~.64	
86+50					5 6	28 00	
87+00					5 3	28 36	15' RT. wood.
87+50					6 8	26 86	
87+75					7 3	26 36	
88+00					6 8	26 86	12' RT. wood.
T. P.			7.88	35 ~~34~~.51	6.03	27 ~~26~~ 63	TOP HUB. 64+80 30 ON ELEC. FEEDER
89+00					8 7	26 81	16' RT. woods

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RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT

FIELD PARTY
IN CHARGE
INSTRUMENT
NOTES
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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 14 of
DATE 19

Quad. No.

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION	
				~~3[illegible]~~			
90+00				3551	5 8	29 71	15' RT. WOOD
91+00					5 4	30 11	12' RT. WOOD
92+00					5 7	29 81	8' RT. WOOD.
93+00					5 5	30 01	10' RT. WOOD
93+56							WOOD LINE
94+					6 0	29 51	
						3147	
T.P.				3321	4.04	~~28 99~~	
			1 74	~~3073~~			
94+22							℄ WOOD RD
94+42							12' RT. 14" PINE
94+80							WOOD LINE ON ℄
95+00					3 4	29 81	10' RT. WOOD LINE 25' RT. ℄ WOODS RD.
96+00					3 5	29 71	18' RT. WOOD.
97+00					3 6	29 61	17' RT. WOODS
98+00					4.1	29 11	13' RT. WOOD
99+					5 1	28 11	13' RT. WOOD LINE
						2888	
T.P.				3268	4.33	~~26 40~~	
			3.80	~~30.2~~			

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RETURN TO
PUBLIC WORKS
OFFICE
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 15 of
DATE 19

Quad. No.

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION		
				~~30.20~~				
100+00				32.68	3.9	29.78		15' RT. WOOD
100+83								14' RT. CONC. POST
101+00					4.4	28.28		15' RT. WOOD.
101+56								℄ WOODS RD. 90° TO LINE
102+00					5.9	27.78		17' RT. WOOD
102+28						27.22		24' RT. END 18" R.C.P.
T.P.				32.28	5.46	~~24.74~~		STA 102+28' ON N. END H.W.
			5.06	~~29.80~~				
103+00					6.8	25.48		17' 15' RT. WOOD
104+00					4.2	28.08		17' 13' RT. WOOD
105+00					3.8	28.48		17 11' RT. WOOD.
105+35 20								33' RT. TEL. m. H.
105+57								8' LT. WOOD.
105+83								27' LT. COR. WOODS
106+00					4.6	27.68		
						28.41	28.58	
T.P.				32.39	3.87	~~25.93~~		TOP HUB P.C. 106+76 80
			3.98	~~29.91~~				
						26.64		
T.P.				29.09	5.75	~~24.16~~		
			2.45	~~26.61~~				
						23.25	23.42	MON. # 164
B.M.					5.84	~~23.79~~	23.25	

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SUBJECT

FIELD PARTY
IN CHARGE
INSTRUMENT
NOTES
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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 16 of
DATE 19

Quad. No.

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION	
B.M on Hub P.C Sta 106+78.80							
			3.98	32.56 ✓		28.58	
				(32.6)			
107+0					4.4	28.2	
+88							Edge Woods
108					4.6	28.0	10' Rt. Edge Woods & 23' Lt. Edge Woods
+68							Edge Woods
109					4.1	28.5	11' Lt. Edg Woods
+19							℄ Rd.
+58							Edge Woods On ℄
110					4.8	27.8	℄ 10' Earth Rd.
111					3.9	28.7	
T.P.				✓	5.68	24.88 ✓	
			3.33	30 21			
112				(30.2)	2.0	28 2	
113					4.7	25.5	16' Lt ℄ 15' Marl Rd.
+19					6.0	24.2	
+29					6.9	23.3	℄ Ditch
+33					6.8	23.4	Edge Marl Rd.
114					8.1	22 1	Edge " " 24' Rt End 15' RCP
+25							22' " " " "
115					10.3	19.9	
T.P.				✓	7.06	23.15 ✓	
			3.62	26.77			
+09				(26.8)	8.8	18.0	Cluster 4 12" Gums ONE
+24					10.6	16.2	

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RETURN TO
PUBLIC WORKS
OFFICE
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

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NOTES CHECKED BY
PLOTTED BY

FILE No.
FLDR. No.
SHEET 17 of
DATE 19
Quad. No.

STATION	DIST.	ANGLE ° ′ ″	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION	
				26 77			
+26 MON.					3.37	23.40	MON. 164 (23.42) 2 10.4 ℄ 13.5 2 11.7
B.M.			3 06	26 48 (26.5)		23.42	MON. (164)
115+45					14 4	12.1	
115+46							7' RT. END H.W.
115+50					11 3	15.2	BANK
115+58					16 9	9.6	DITCH
115+61							14.7' RT. END H-W
115+67					16 9	9.6	DITCH
115+71					11 5	15.0	BANK
115+78							WOOD LINE ON ℄
116+00					11 2	15.3	
116+35					8.5	18.0	13' RT. COR. WOODS
116+51					7 6	18.9	
116+71					4 7	21.8	8' RT. WOOD LINE
117+00					3 5	23.0	
117+20					1 8	24.7	

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PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT

FIELD PARTY
IN CHARGE
INSTRUMENT
NOTES
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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 18 of
DATE 19
Quad. No.

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION	
				26 48			
T.P.					2 12	24.36	
			5 84	30 20			
117+20				30.2			4' RT. WOOD LINE
117+31					4 3	25 9	
117+42					3 1	27 1	
117+62							9' RT. WOOD LINE
118+00					4 0	26 2	12' RT. WOOD LINE
118+43							12' RT. COR. WOOD.
118+50					6 0	24.2	
118+55							WOOD LINE ON ℄
118+62							47' LT. COR. WOOD
119+00					5.8	24 4	
119+33					4.8	25 4	35' LT. COR. WOOD.
119+45					4.4	25 8	
119+54					5 4	24.8	℄ Rd. (10')
119+66					4 8	25.4	
120+00					5 3	24 9	℄ Rd. (10')
120+28					4 7	25 5	
121+00					4 2	26 0	65' LT. ℄ 10' Rd.
+50					4 3	25 9	
122+00					4 5	25 7	15' LT. COR. SMALL PINE FIELD.
T.P.					3 54	26 66	

3,60 30 .26

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RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT

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INSTRUMENT
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PLOTTED BY

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FLDR. No.
SHEET 19 of
DATE 19
Quad. No.

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION	
				30 26			
123+00				30.3	5 0	25 3	9' LT. WOOD
124+00					4 5	25 8	7' LT. WOOD
125+00					4.8	25 5	5' LT. WOOD
126+00					5 5	24 8	4' LT. WOOD
126+69					6 4	23.9	4' LT. GUY WIRE
126+93 50							1' RT. B-156
127+00					7 1	23 2	℄ (10') Rd. 90° TO LINE
127+29					6 9	23 4	4' LT. WOOD.
127+63					6 7	23 6	BANK
+73					8 9	21.4	DITCH
127+78 80					7 0	23.3	BANK & P.T.
T.P.			4 87	28 08	7 05	23 21	TOP HUB P.T. 127+78 80
				28.1			
127+91					~~5 1~~		20' RT. END 18" R.C.P.
128+00					5 1	23 0	15' LT. WOOD.
129+00					5.3	22.8	

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RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT

FIELD PARTY
IN CHARGE
INSTRUMENT
NOTES
TAPE READ
TAPE OR ROD
TAPE OR ROD
TRUMENT 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 20 of
DATE 19
Quad. No.

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION	
				28 08 ✓			
129+22				(28.1)			WOOD LINE
130+00					4.6	23.5	4' RT- WOOD
+05					4 4	23.7	
+09					5 6	22.5	
+12					4 9	23.2	
130+89							12' RT- CONC. POST
130+92							7' RT. COR. WOODS
131+00					3 8	24.3	
131+50					3 7	24.4	
131+90							9' LT. COR. WOOD
132+00					4 4	23.7	
132+32							2.50' PJA.4 92' RT. PJA-3
132+69					4 6	23.5	BANK
T.P.				✓	3 35	24.73	
			4 31	29 04			
				(29.0)			
132+78					6 8	22.2	14' RT- End. 18" R.C.P.
132+83							10' RT- End WING WALL
132+87					4 9	24.1	BANK
132+89 30					4 7	24.3	GROUND
132+89 30					6 75	22.29	TOP TEL. CABLE

475
200
5.75

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RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT

FIELD PARTY
IN CHARGE
INSTRUMENT
NOTES
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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 21 of
DATE 19

Quad. No.

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION	
				29.04			
132+93.30				(29.0)	4.84	24.20	EDGE BEVINS
133+00					4.64	24.40	
133+06					4.63	24.41	℄ BEVINS
133+12.50					4.75	24.29	EDGE BEVINS
133+26					4.9	24.1	BANK
133+29							16' RT. END WINGWALL
133+34					7.1	21.9	13' RT. END 18" R.C.P.
133+39					6.0	23.0	
133+48					4.8	24.2	
133+50.25					9.55	19.49	TOP 8" C.I. WATER
133+52.50					4.6	24.4	P.I. 133+52.50
B.M.					4.25	24.79	(24.72) NAIL INT. BEVIN & STONE
B.M.			4.55	29.27 (29.3)		24.72	NAIL INT. BEVIN & STONE.
133+66							2' LT. 4" OAK
134+00					4.9	24.4	
134+09							12' LT. 2' CONC. WALK
134+15							7.5' LT. 2' CONC. WALK

VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
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 22 of
DATE 19

Quad. No.

STATION	DIST.	ANGLE ° ′ ″	+	H. I. BEARING	VER. ANG. DIFF.	ELEVATION	
				29 27 ✓			
P.I. 134+24	23			29.3	4 7	24.6	24' LT. 2' CONC. WALK
134+40	73						2' LT. 3" OAK
134+50	00						3.50 RT. END H.W.
134+57					4 5	24 8	EDGE MARL DR. 9.2' LT. END 2' CONC. WALK
134+70					4 6	24 7	" " "
134+74	50						4' RT. END H.W.
134+85							13.5' LT. 6" C. MORE
135+00					4.9	24 4	
135+00	50						3.70' RT. END H.W.
135+06							0.80' RT. 3" TREE ?
135+13	00				4 6 6	24.61	EDGE SER. DR. ASPH
135+22	60				4 6 0	24.57	
135+29	50		4.80				.05' RT. 2" TREE CHERRY.
135+33	80		1.5				3.50' LT. P.J B-1
135+36	15		5.30		6 3 0	22.97	TOP TEL. CABLE
135+39	50						3.80' RT. END H.W.
135+79							4' LT. 3" TREE ?
136+00					4 2	25 1	
136+13	50						8' LT. END 2' CONC. DR.
136+55	50						2' LT. 2" OAK
136+83	20		3.32 / 4.90 / 8.22		8 2 2	21.05	8" C.I. WATER.
136+94							12.50' LT. END 2' CONC. DR. + END ASPHALT

VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
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 23 of
DATE 19
Quad. No.

STATION	DIST.	ANGLE ° ′ ″	+	H. I. BEARING	VER. ANG. DIFF.	ELEVATION	
				29 27			
137+00				29.3	3 0	26 3	
T. P.					2 99	26.28	
			4.49	30 77			
				30.8			
137+09 50					4 22	24 55	EDG. EDEN DR.
+29					3 75	27.02	& EDEN
+46 40					3 92	26.85	EDGE E DR.
137+64 50					4 7	26 1	14' LT. END ASPHALT + 2' CONC. DR.
138+00					4.6	26 2	
138+07							5.50' LT. 2" OAK
138+42							6.20. LT. 2" DOGWOOD.
138+44							20.20' LT. END 2' CONC. DR.
138+73 50							6.30' LT. 3" TREE ?
139+00			4.00		4 7	26 1	
139+21 50					5 50	25 27	TOP TEL. CABLE
139+22							4' RT. END H.W.
139+24 20							4' LT. P.P. P.J C-1
139+31 60					3 98	26.79	EDGE SER. DR.

VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
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 24 of 24
DATE 19
Quad. No.

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION		
				30 77				
139+45				(30.8)	389	26.88		EDGE SER. DR.
139+59								370' RT. ~~370~~ H. W.
139+62								9' LT. 2" DOGWOOD.
139+96								9.50' LT. 6" TREE ?
140+00					5 1	25 7		
140+34 50								21' LT. END 2' CONC. DR.
140+41 20								10' LT. 2" DOGWOOD.
140+70 50					5 7	25 1		10.50' LT. 2" OAK
140+88					6 6	24 2		
141+00					7 4	23 4		
141+06 45					8 21	22.56		ON TOP EXISTING 12" C.I.
B.M.					6.79	23.98	(23.97)	NAIL IN I. RIVER & STONE

VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
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

Brewster Blvd
Sewer (Face manhole from school)

1+47.6

1+30.7

1+12.7

0+94.6

0+76.3 ← 4.9' Above ground

0+58.1

0+39.7

0+21.7

0+00 ○ M.H.

Measurments Are from center Manhole to center of Each Pier

Brick Piers

Brick Piers 2.1' X 1.1'

4.4' Above ground

Ditch

18" R.C.P. under Rd. with End wall

No. 4 Pier 1.5' Lft. from Ditch Bank

No. 3 Pier 3.0' Rt. from Ditch Bank

6.5' from Bottom of Ditch to Bottom of water line

3.5' Ditch

17

VALUABLE

RETURN TO PUBLIC WORKS OFFICE CAMP LEJEUNE NORTH CAROLINA

SUBJECT End Wall Dimensions on Culvert at Stone St. & Brewster Blvd.

Capehart Housing

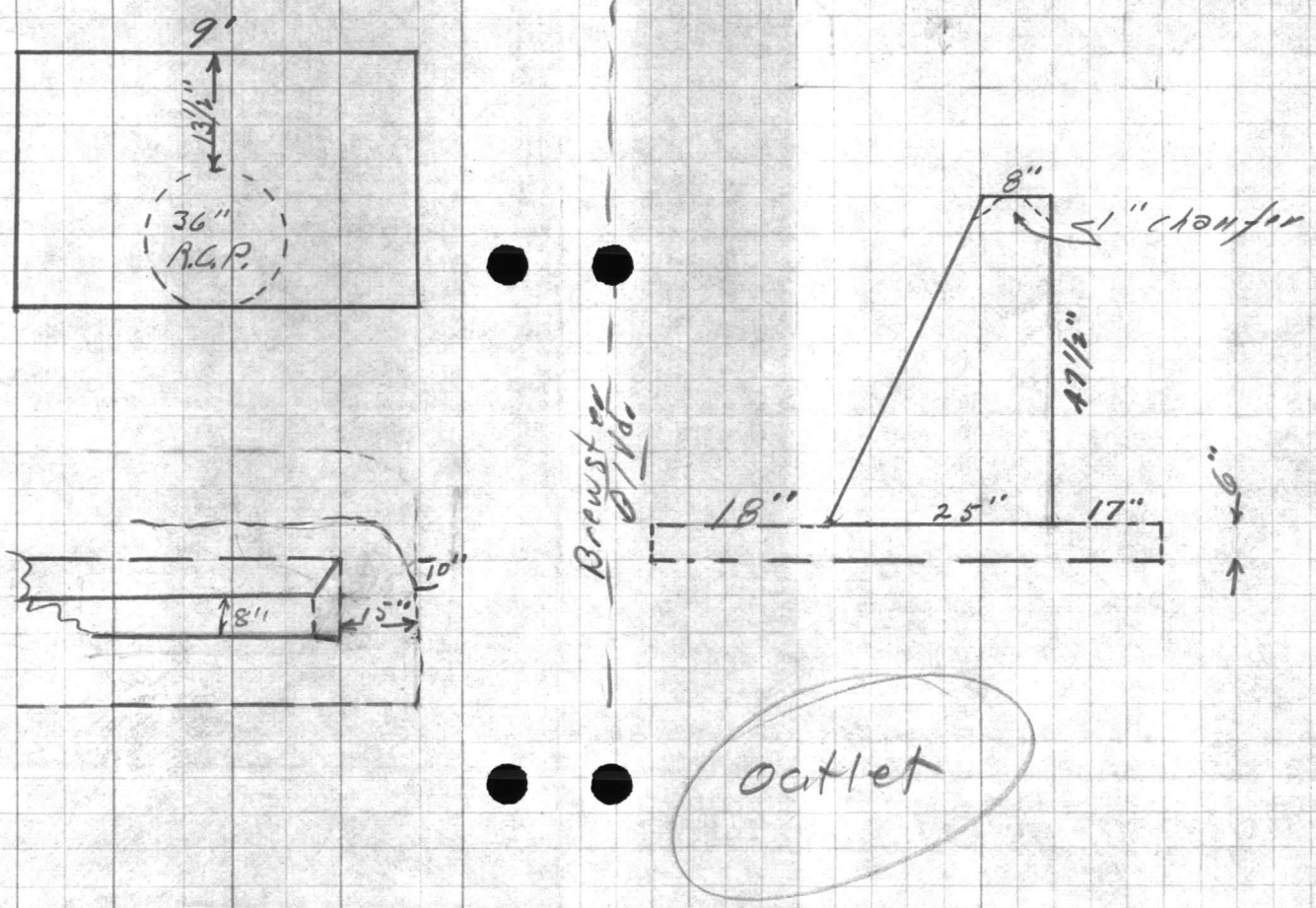
FIELD PARTY
Kellum In Charge
Instrument
Notes
Tape Read
Tape or Rod
Tape or Rod
Instrument No.
Tape No.

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

Figured By
Notes Checked By
Plotted By

FILE No.
Fldr. No.
Sheet 1 of 1
Date 8-18 1958
Quad. No.

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



VALUABLE

RETURN TO PUBLIC WORKS OFFICE CAMP LEJEUNE NORTH CAROLINA

SUBJECT Headwall Dimensions AT stone st. & Brewster Blvd. Capehart Housing

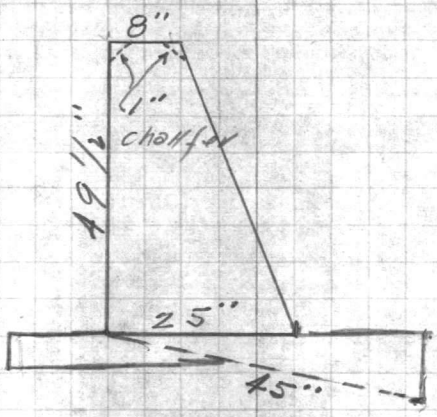
FIELD PARTY
Kellum IN CHARGE
INSTRUMENT
NOTES
TAPE READ
TAPE OR ROD
TAPE OR ROD
INSTRUMENT NO.
TAPE NO.

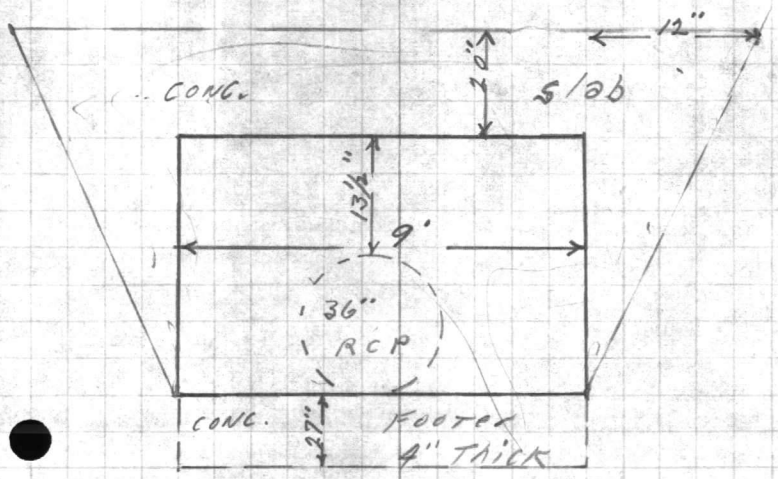
WEATHER
CLEAR, CLOUDY, WINDY, RAIN, FAIR, SNOW, HOT, MODERATE, COLD, FOG

FIGURED BY
NOTES CHECKED BY
PLOTTED BY

FILE No.
FLDR. No.
SHEET 1 of
DATE 8-18 1958
Quad. No.

STATION	DIST.	ANGLE ° ′ ″	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION





inlet

VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT: Ditch Profile from End of 36" culvert under Brewster Blvd. at stone St. to Natural Fall.

FIELD PARTY

Bellamy — 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

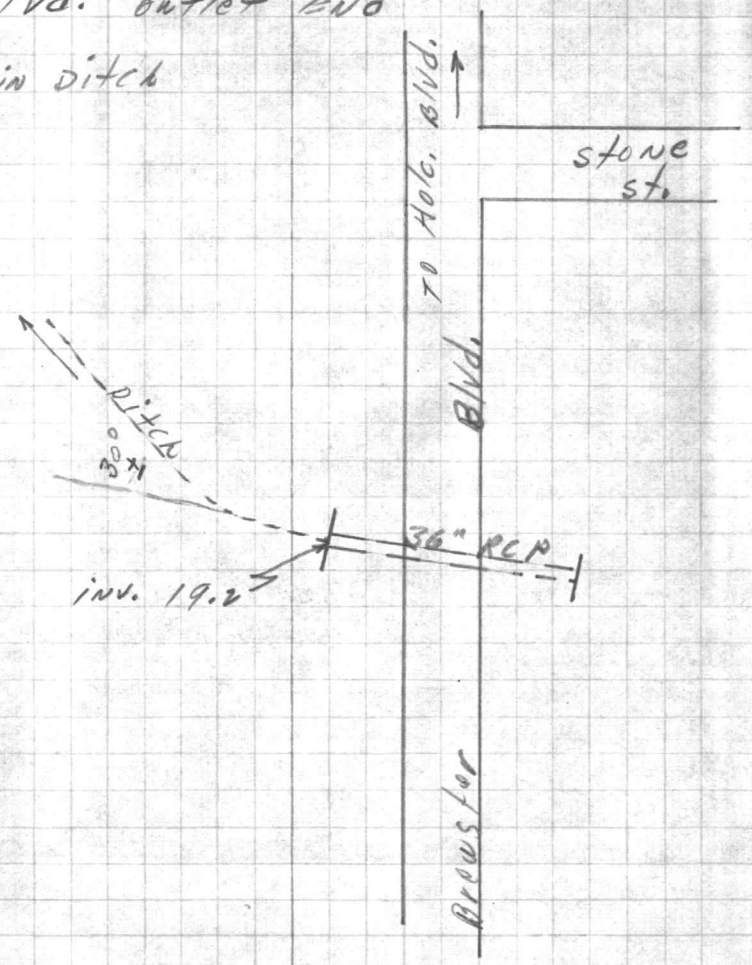
Figured By
Notes Checked By
Plotted By

FILE No.
Fldr. No.
Sheet 2 of
Date 8-18 1958
Quad. No.

Station	Dist.	Angle ° ' "	+	H. I. Bearing	Ver. Ang. Diff.	Elevation
B.M.	0+00					19.2
			9.25	28.45		
0+36					8.4	20.0
0+50					8.3	20.1
1+0					8.5	19.9
1+50					8.8	19.6
2+0					9.1	19.3
2+50					9.4	19.0
3+0					10.2	18.2

inv. 36" RCP under Brewster Blvd. outlet end

Bend in ditch



VALUABLE

RETURN TO PUBLIC WORKS OFFICE CAMP LEJEUNE NORTH CAROLINA

SUBJECT: PROFILE
FROM SEWER M.H. #270
across Drainage Ditch from
24" Metal Pipe under Stone St.

FIELD PARTY	
Denny	IN CHARGE
Morton	INSTRUMENT
Morton	NOTES
Morton	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 8-12 1958
Quad. No.

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER. ANG. DIFF.	ELEVATION	
B.M.			5.48	33.18		27.70	Int. Stone St. & Brewster Blvd.
0+00	M.H. #270			33.2			Sewer M.H. #270 Inv. 23.63
0+22					7.0	26.2	
0+33					8.1	25.1	
0+37.7	1st Bell C.I. or Pipe Joint						
0+43					9.1	24.1	
0+53					8.4	24.8	ditch bank
	Top of Pipe					24.9	Exposed Pipe
0+54					10.5	22.7	Bottom ditch
0+56	2nd Bell C.I. or Pipe Joint				10.5	22.7	" "
0+58					7.8	25.4	ditch bank ?
0+65					9.6	23.6	
0+72					7.4	25.8	
0+74	3rd Bell C.I. or Pipe Joint						
0+87					8.0	25.2	
BM					5.48	27.70	
1+30	M.H. #269						Inv. 23.49

0+37.7
18.0
0+55.7
0+73.7

23.63
-.06
23.57

23.63
23.49
.14

24.92
-.04
24.88

23.63
1.25
24.88

23.63

VALUABLE

RETURN TO PUBLIC WORKS OFFICE CAMP LEJEUNE NORTH CAROLINA

SUBJECT: Profile Across Bender's Branch on Capehart Water Line.

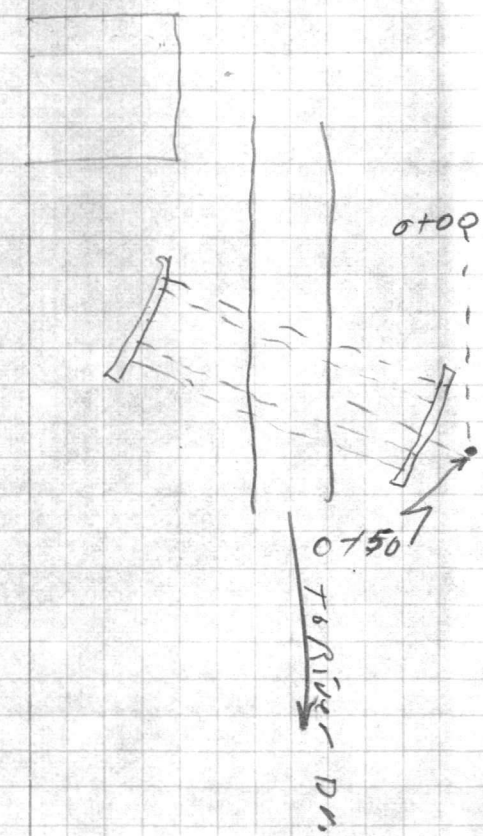
FIELD PARTY
- In Charge
- Instrument
- Notes
- Tape Read
- Tape or Rod
- Tape or Rod
- Instrument No.
- Tape No.

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

Figured By
Notes Checked By
Plotted By

FILE No.
Fldr. No.
Sheet 1-of
Date 6-19 1958
Quad. No.

Station	Dist.	Angle ° ' "	+	H. I. Bearing	Ver. Ang. Diff.	Elevation	
B.M.						23.42	Mon. #164
			3.27	26.69			
0+0					8.6	18.1	
0+14					10.4	16.3	
0+24					14.5	12.2	
0+36					14.0	12.7	
0+41					11.0	15.7	Bank
0+48					~~17.5~~ 16.5	9.2	Ditch Edge
0+53					17.7	9.0	E Ditch
0+58					17.2	9.5	Edge ditch
0+63					11.7	15.0	Bank
0+82					10.7	16.0	
1+0					10.7	16.0	
1+35					8.1	18.6	



VALUABLE

RETURN TO PUBLIC WORKS OFFICE CAMP LEJEUNE NORTH CAROLINA

SUBJECT Water Line Location AT Sewer Lift Sta. Wallace creek

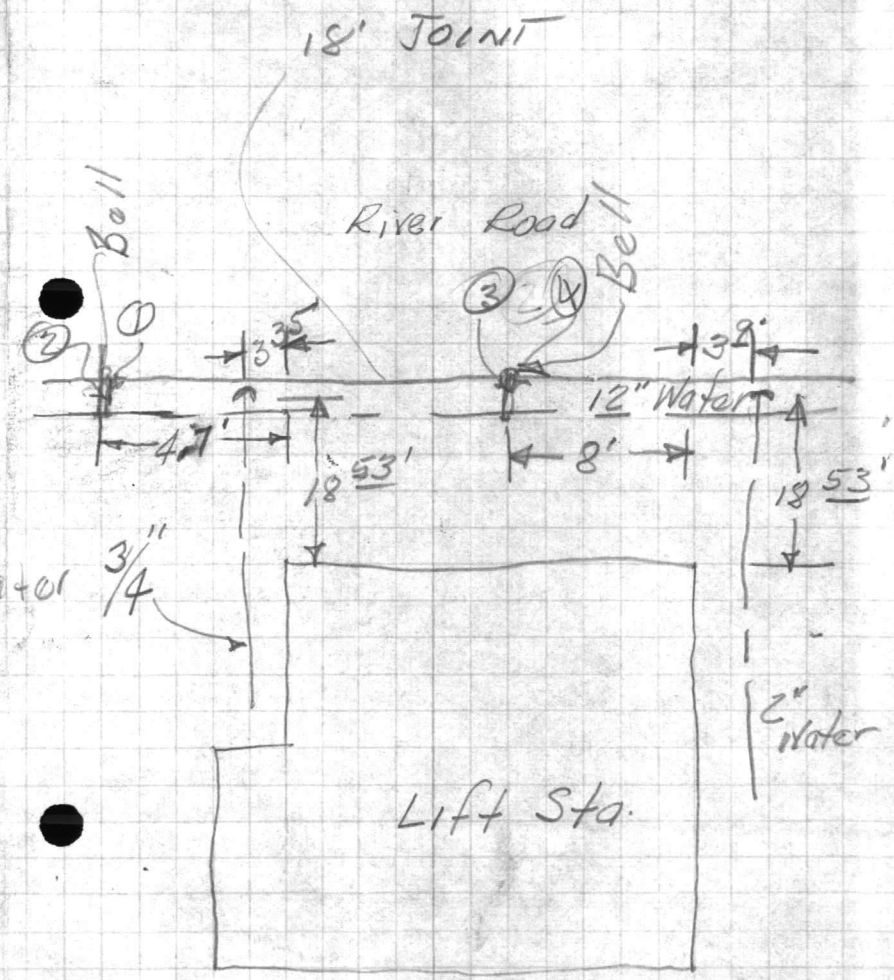
FIELD PARTY
Norton IN CHARGE
INSTRUMENT
NOTES
TAPE READ
TAPE OR ROD
TAPE OR ROD
INSTRUMENT NO.
TAPE NO.

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 1
DATE 6-10 1958
Quad. No.

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION
BM			2.79	11.22		8.43
1	Top	12"	Water		7.65	3.57
2	"	"	Bell		7.52	3.70
3	"	"	"		7.02	4.20
4	"	"	Water		7.15	4.07



VALUABLE

RETURN TO PUBLIC WORKS OFFICE CAMP LEJEUNE NORTH CAROLINA

SUBJECT: LOCATION ELEC. LINE TO LIFT STA. # 47

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. 139-T

Fldr. No.

Sheet 1 of 1

Date 6-2 1958

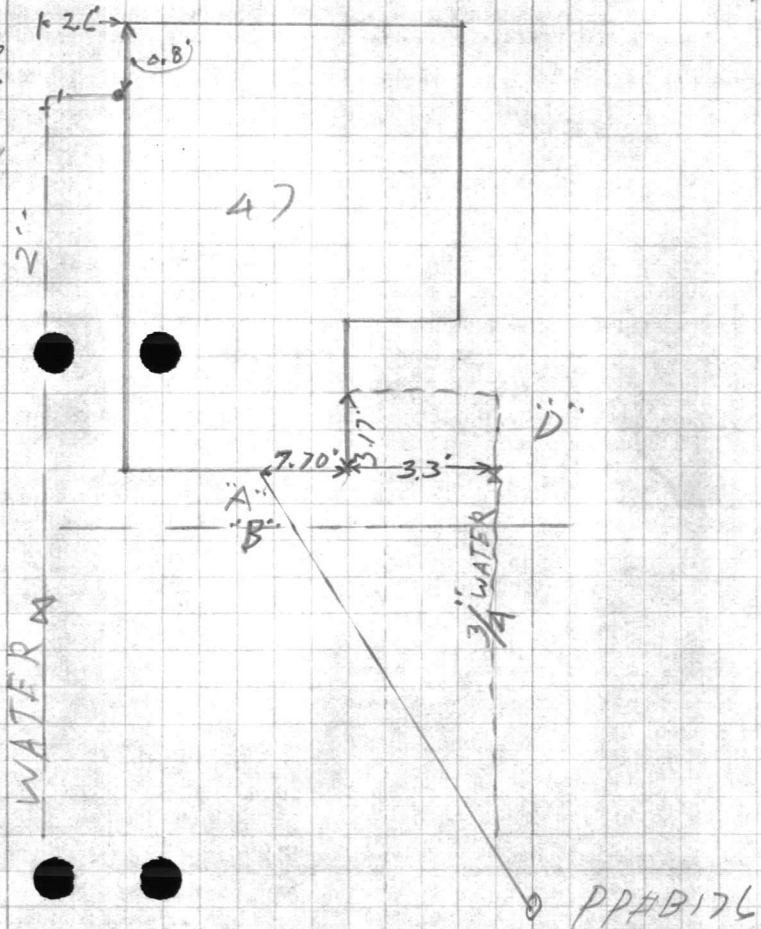
Quad. No.

Station	Dist.	Angle ° ' "	+	H. I. Bearing	Ver. Ang. Diff.	Elevation
B.M.			2 90	11 33		8 43
"A"	ELEC				7 17	4.16
"B"	TOP C" T.C.				6 69	4.64
"C"					~~11 06~~	
"D" TOP					9 95	1.38

SPIKE IN PP #B125

3.51
2.50
1.06

2.50
.53
3.17



4.85
3.33

VALUABLE

RETURN TO PUBLIC WORKS OFFICE CAMP LEJEUNE NORTH CAROLINA

SUBJECT: LOCATION GAS TANK & 6" T.C. DRAIN BLDG. # 47 LIFT STA.

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.

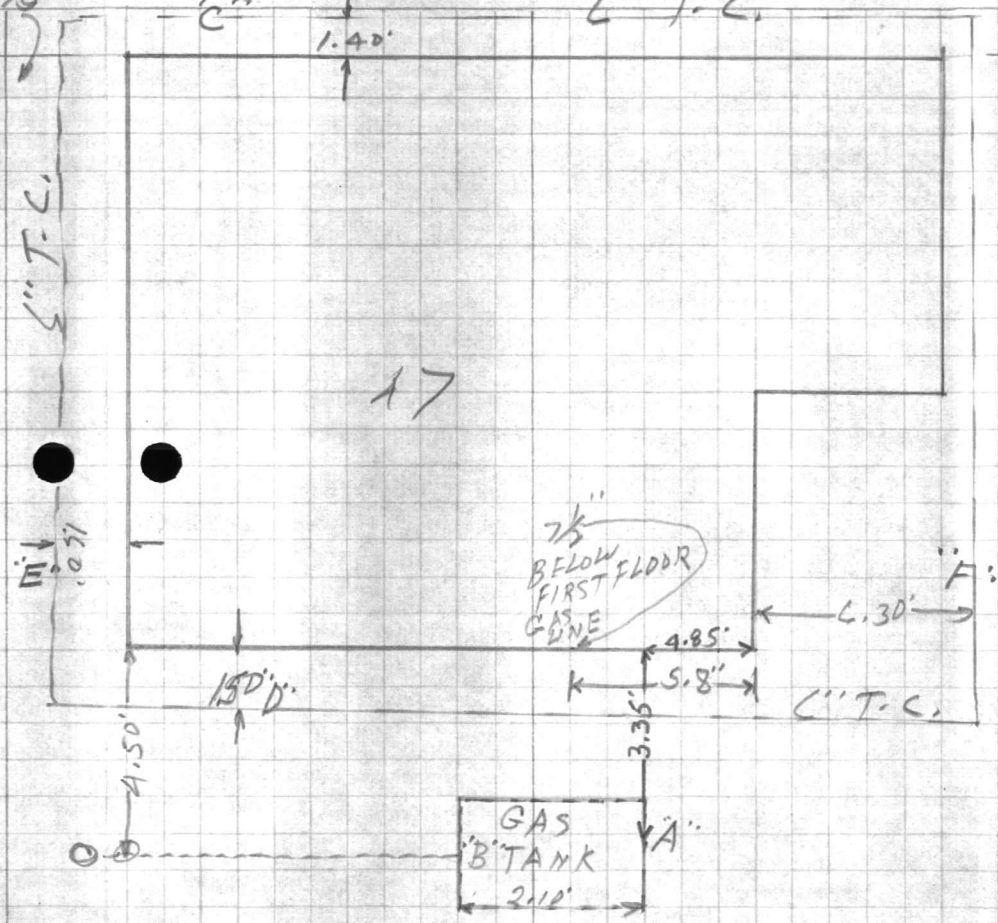
SHEET 1 of 2

DATE 6-2 1958

Quad. No.

P.P.#B175

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER. ANG. DIFF.	ELEVATION
B.M			2.90	11.33		8.43
"A" TOP TANK					11.06	0.3
B TOP TANK					11.19	0.1
"C" TOP 6" T.C.					6.65	
D TOP 6" T.C.					6.55	
E TOP 6" T.C.					6.58	
F TOP 6" T.C.					7.05	



VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT: LOCATION 12" SEWER LINE

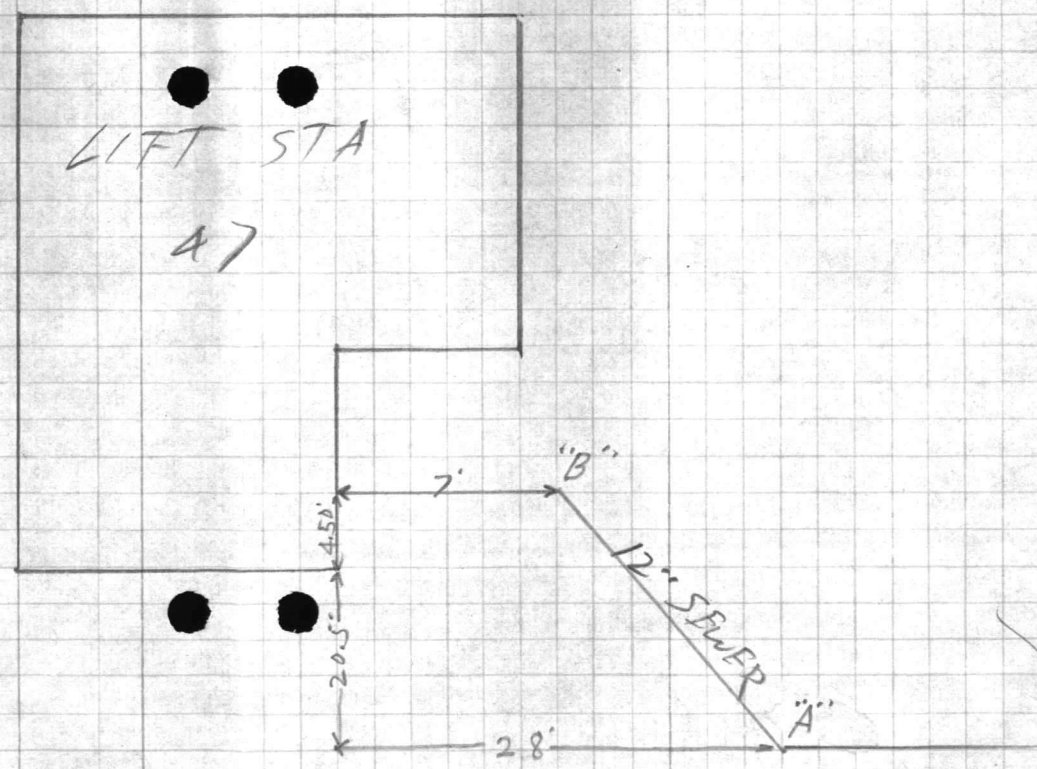
FIELD PARTY
DENNIS — IN CHARGE
INSTRUMENT
NOTES
TAPE READ
TAPE OR ROD
TAPE OR ROD
INSTRUMENT NO.
TAPE NO.

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 1
DATE 5-30 1958
Quad. No.

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION	
B.M			3 22	11 65		8 43	SPIKE IN P.P. #B175
"A"					10 65		
B.					13 92		



P.P. #B176

VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT Water valve Location
AT sewage Lift sta.
AT wallace creek

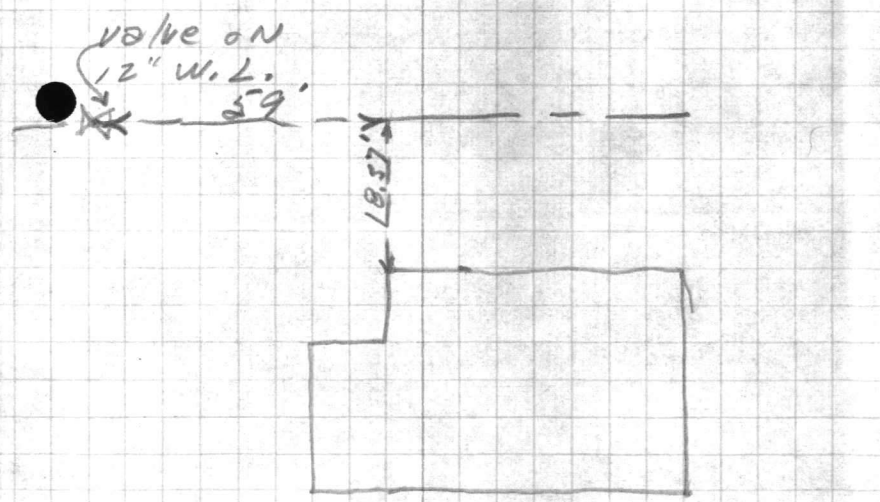
FIELD PARTY
_____ In Charge
_____ Instrument
_____ Notes
_____ Tape Read
_____ Tape or Rod
_____ Tape or Rod
Instrument No. _____
Tape No. _____

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

Figured By _____
Notes Checked By _____
Plotted By _____

FILE No. _____
FLDR. No. _____
SHEET 1-of
DATE 6-10 1958
Quad. No. _____

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



VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT _____

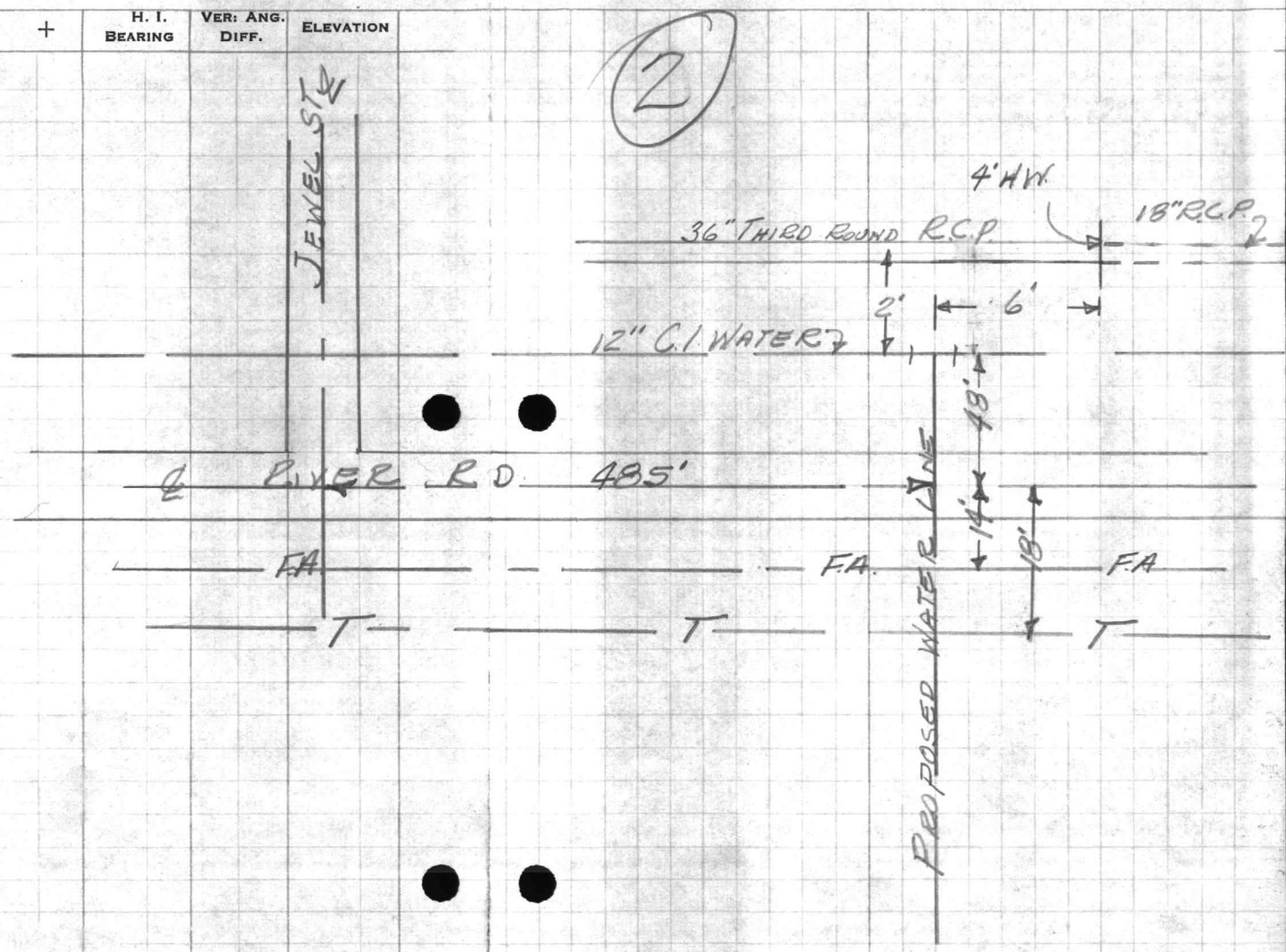
FIELD PARTY
_____ In Charge
_____ Instrument
_____ Notes
_____ Tape Read
_____ Tape or Rod
_____ Tape or Rod
Instrument No. _____
Tape No. _____

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



VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT: Under ground utilities
Loc. Paradise Point
Area.

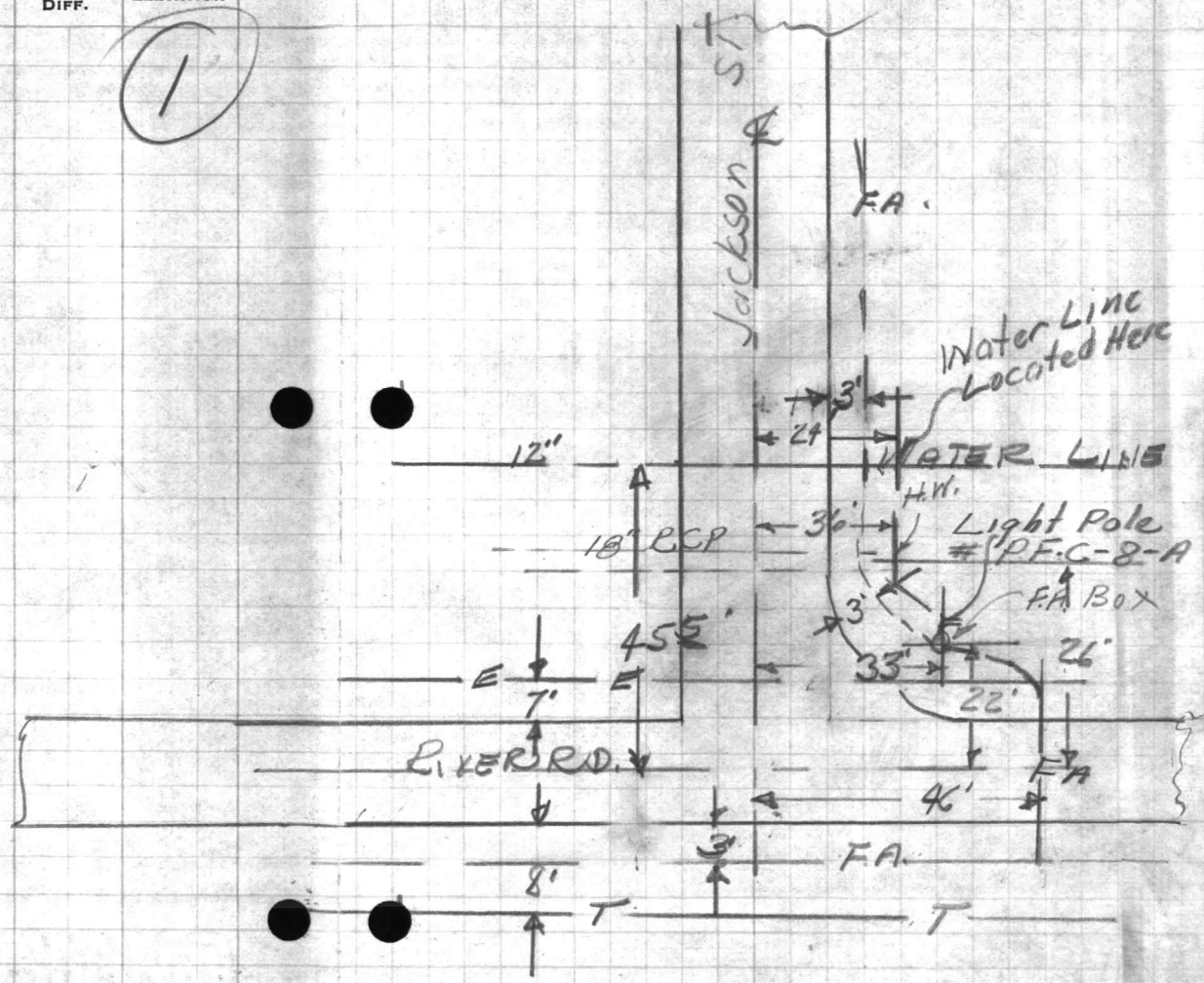
FIELD PARTY
_____ In Charge
_____ Instrument
_____ Notes
_____ Tape Read
_____ Tape or Rod
_____ Tape or Rod
Instrument No. _____
Tape No. _____

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

Figured By _____
Notes Checked By _____
Plotted By _____

FILE No. _____
Fldr. No. _____
Sheet 11-of-
Date 8-1 1958
Quad. No. _____

Station	Dist.	Angle ° ' "	+	H. I. Bearing	Ver. Ang. Diff.	Elevation
						1



VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT

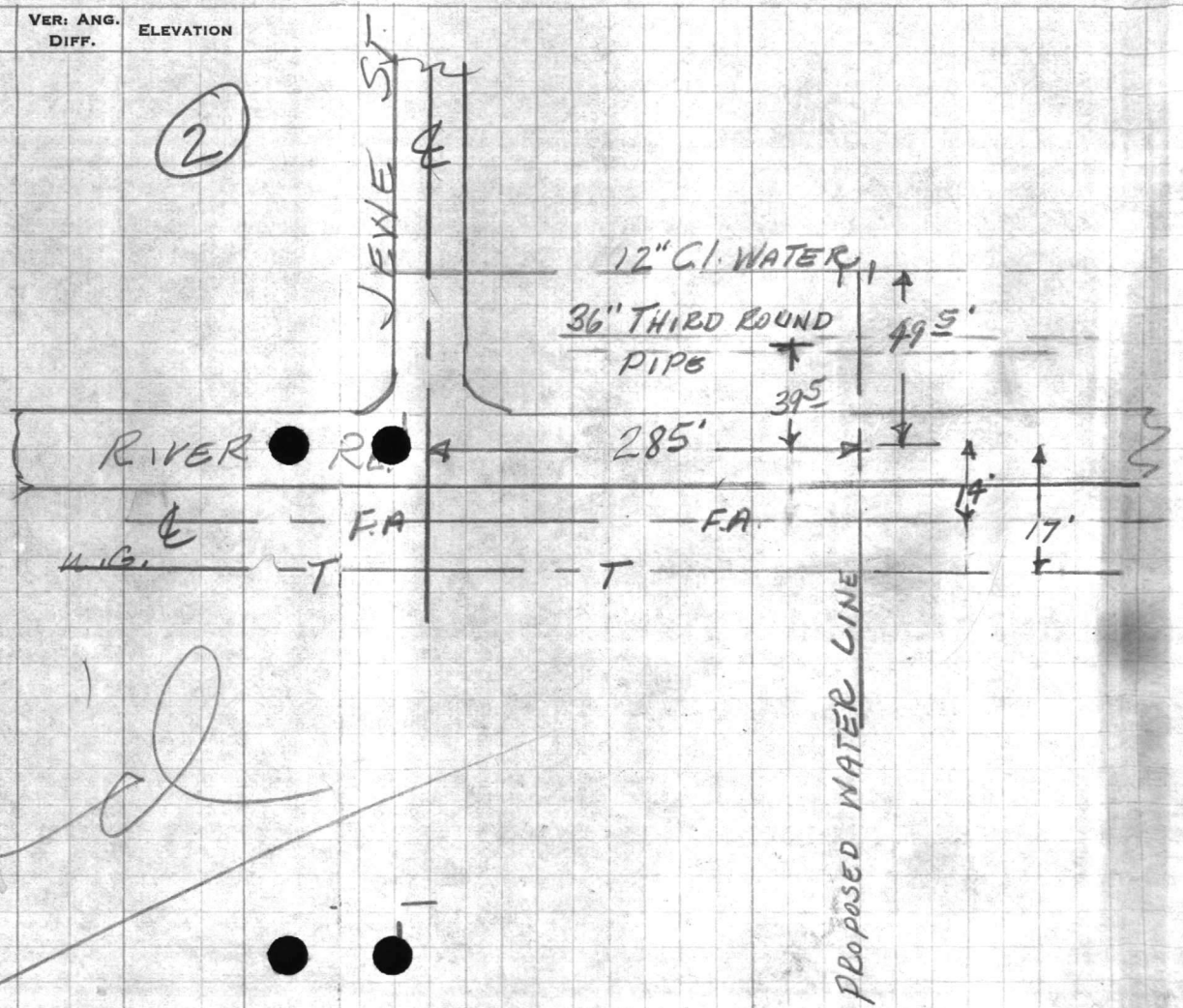
FIELD PARTY
IN CHARGE
INSTRUMENT
NOTES
TAPE READ
TAPE OR ROD
TAPE OR ROD
INSTRUMENT NO.
TAPE NO.

WEATHER
CLEAR, CLOUDY, WINDY, RAIN, FAIR, SNOW, HOT, MODERATE, COLD, FOG

FIGURED BY
NOTES CHECKED BY
PLOTTED BY

FILE No.
FLDR. No.
SHEET 2-of
DATE 8-1 1958
Quad. No.

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



Void

VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT

FIELD PARTY
IN CHARGE
INSTRUMENT
NOTES
TAPE READ
TAPE OR ROD
TAPE OR ROD
INSTRUMENT NO.
TAPE NO.

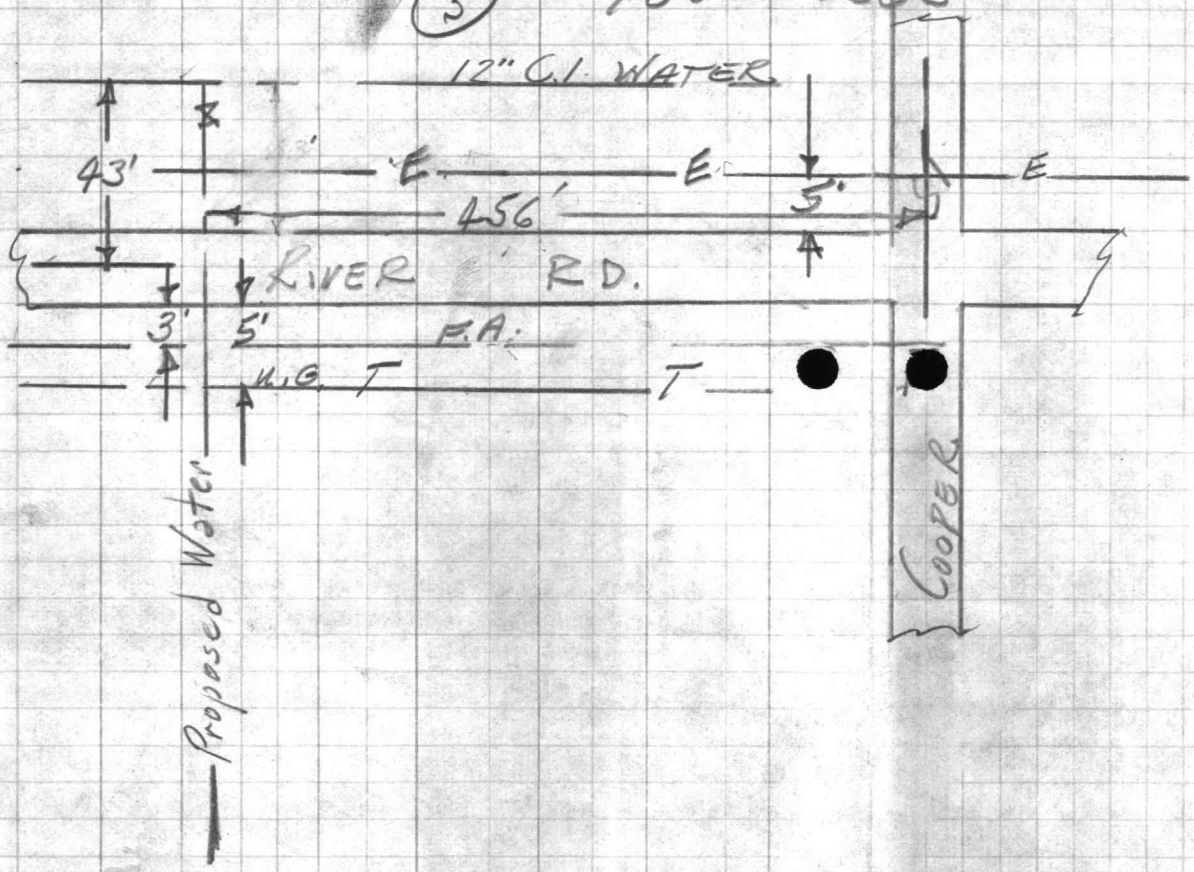
WEATHER
CLEAR, CLOUDY, WINDY, RAIN, FAIR, SNOW, HOT, MODERATE, COLD, FOG

FIGURED BY
NOTES CHECKED BY
PLOTTED BY

FILE No.
FLDR. No.
SHEET 3 of
DATE 8-1-38

Quad. No.

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



Wallace Creek →

VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT

FIELD PARTY
IN CHARGE
INSTRUMENT
NOTES
TAPE READ
TAPE OR ROD
TAPE OR ROD
INSTRUMENT NO.
TAPE NO.

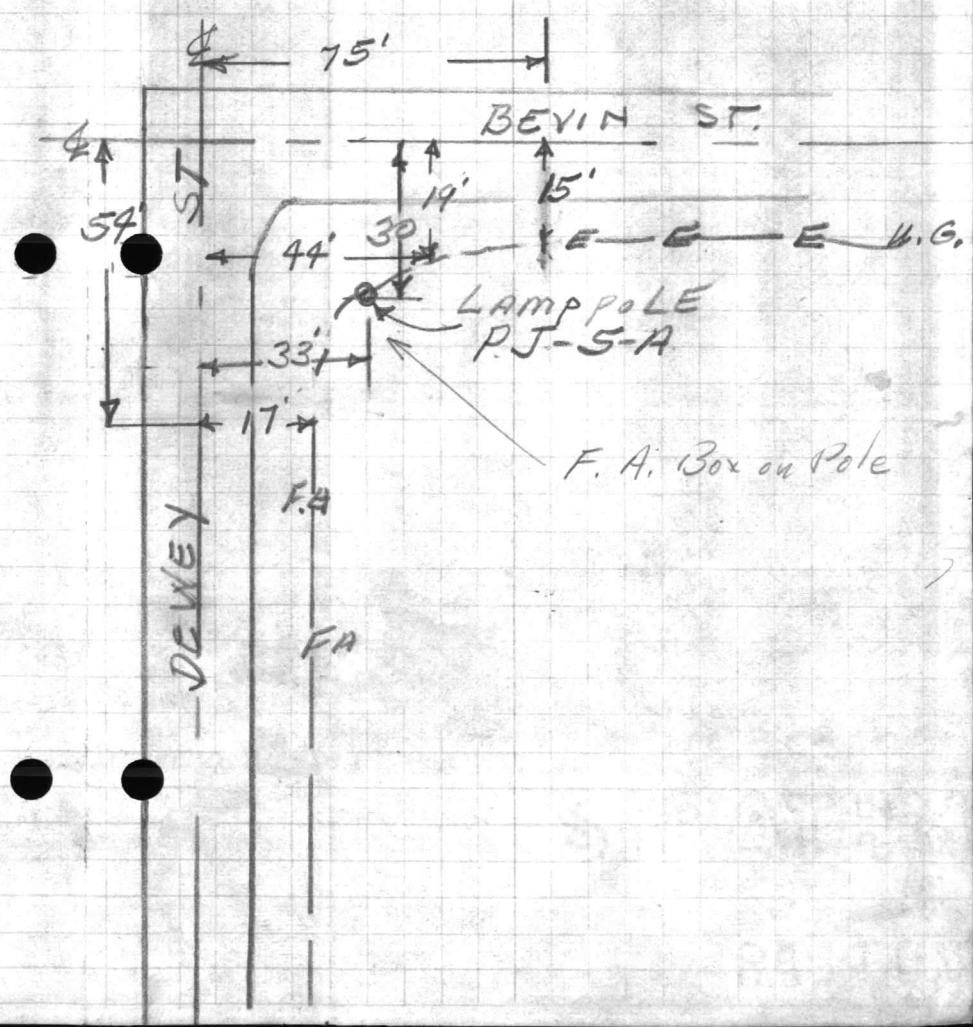
WEATHER
CLEAR, CLOUDY, WINDY, RAIN, FAIR, SNOW, HOT, MODERATE, COLD, FOG

FIGURED BY
NOTES CHECKED BY
PLOTTED BY

FILE No.
FLDR. No.
SHEET 4-of
DATE 8-1 1928

Quad. No.

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION
					4	



VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT

FIELD PARTY
IN CHARGE
INSTRUMENT
NOTES
TAPE READ
TAPE OR ROD
TAPE OR ROD
INSTRUMENT NO.
TAPE NO.

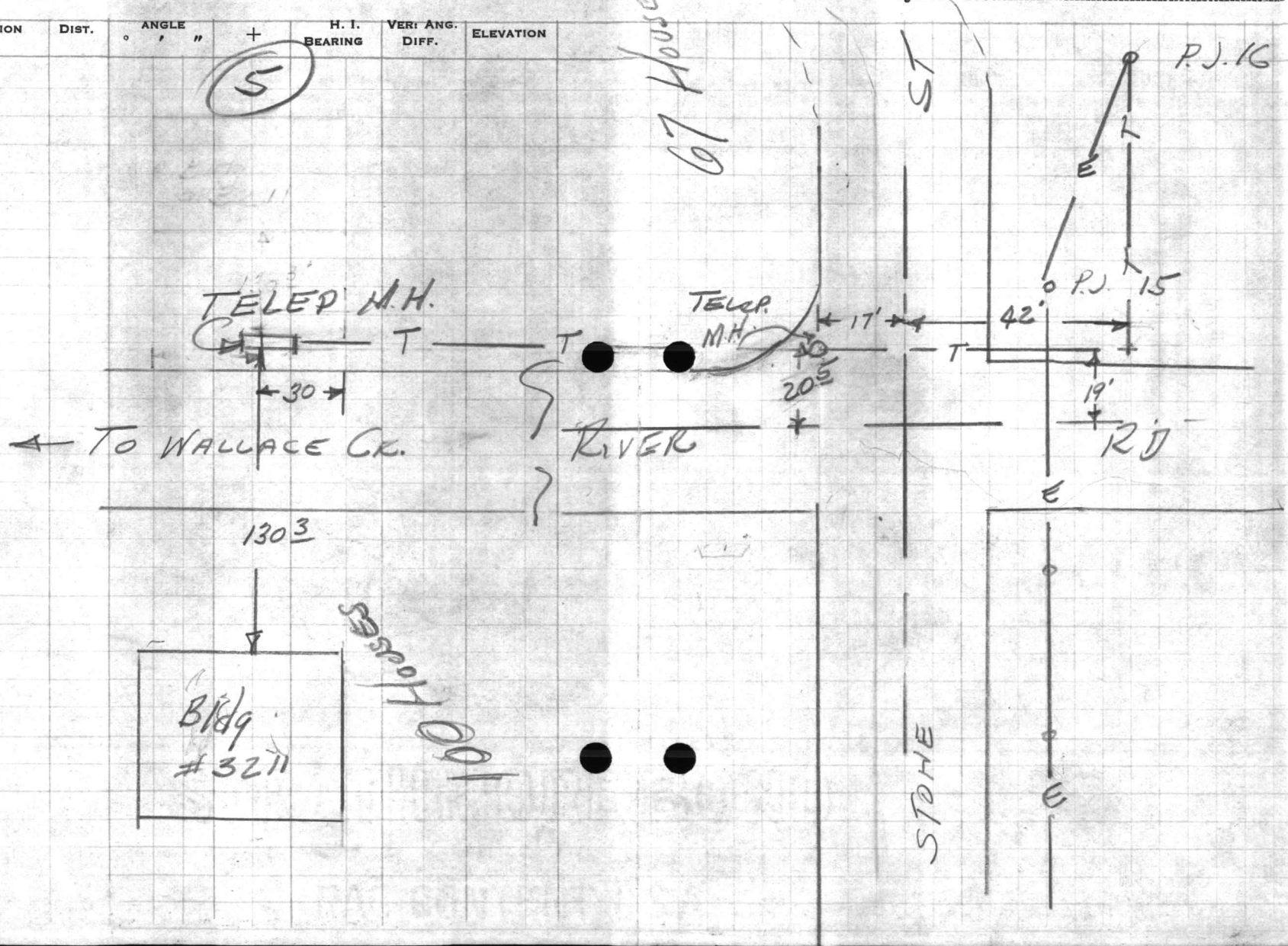
WEATHER
CLEAR, CLOUDY, WINDY, RAIN, FAIR, SNOW, HOT, MODERATE, COLD, FOG

FIGURED BY
NOTES CHECKED BY
PLOTTED BY

FILE No.
FLDR. No.
SHEET 5 of
DATE 8-1 19 58
Quad. No.

STATION	DIST.	ANGLE ° ' " +	H. I. BEARING	VERT ANG. DIFF.	ELEVATION

5



VALUABLE

RETURN TO PUBLIC WORKS OFFICE CAMP LEJEUNE NORTH CAROLINA

SUBJECT: Existing water Line Loc. & Elev.s Near Camp School. Offsite utilities for Copeland Housing

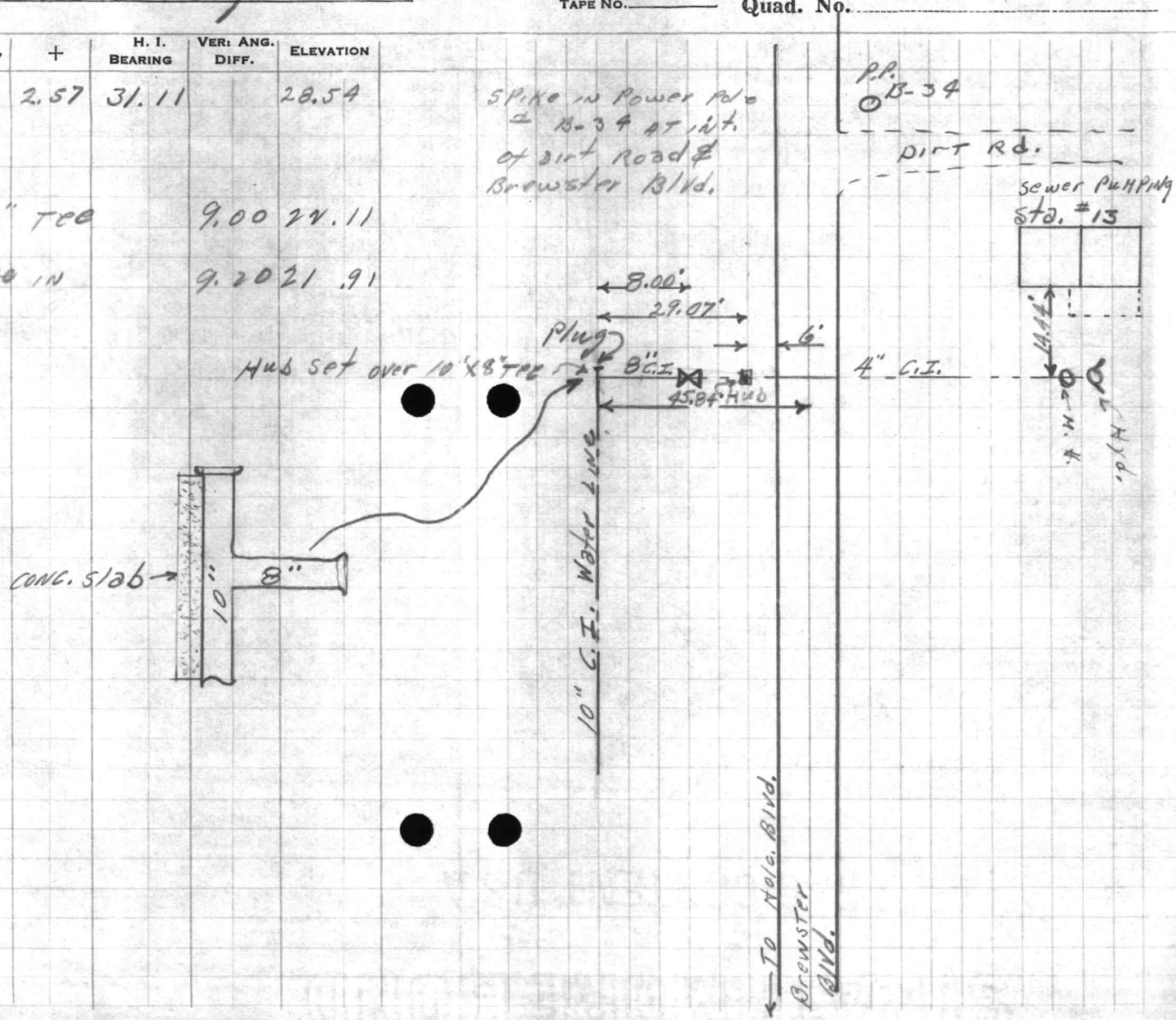
FIELD PARTY
Kelly — IN CHARGE
INSTRUMENT
NOTES
TAPE READ
TAPE OR ROD
TAPE OR ROD
INSTRUMENT NO.
TAPE NO.

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 1
DATE 8-24 1956
Quad. No.

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER. ANG. DIFF.	ELEVATION
B.M.			2.57	31.11		28.54
Top of		10" X 8" Tee			9.00	22.11
Top of 4" C.I. Pipe in Rd. Ditch					9.20	21.91



VALUABLE

RETURN TO PUBLIC WORKS OFFICE CAMP LEJEUNE NORTH CAROLINA

SUBJECT: Bench Levels To Area of 0+0 on Cophart Housing Water Line

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 1 of 1
Date 8-24 1956
Quad. No.

Station	Dist.	Angle ° ' "	+	H. I. Bearing	Ver: Ang. Diff.	Elevation	
B.m.			3 37	~~34~~ 33.65		30 28	MON.
T.P.			2.44	30 ~~31~~.31	5.78	28.87	
B.m.			1.80	30 ~~31~~.34	1.77	28 ~~29~~.54	SPIKE IN POWER POLE B-34 INTERSECTION BREWSTER BLVD. & DIRT ROAD TO CAMP GEN. PLANT
T.P.			5 72	33 ~~34~~.64	2.42	27 ~~28~~.92	
B.m.					3 36	30 28	30.28 MON.

100.00
52.05
48.95

35 + 52.05
61.58
34/96.47