

VALUABLE

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

SUBJECT

Traverse for Water System  
at Nursery on River Road  
between Wallace Creek & Paradise Pt.

FIELD PARTY

Pierce 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  
RAINFOG FOG

FILE No. 139-0

FLDR. No.

SHEET

#1 of 3

FIGURED BY

NOTES CHECKED BY

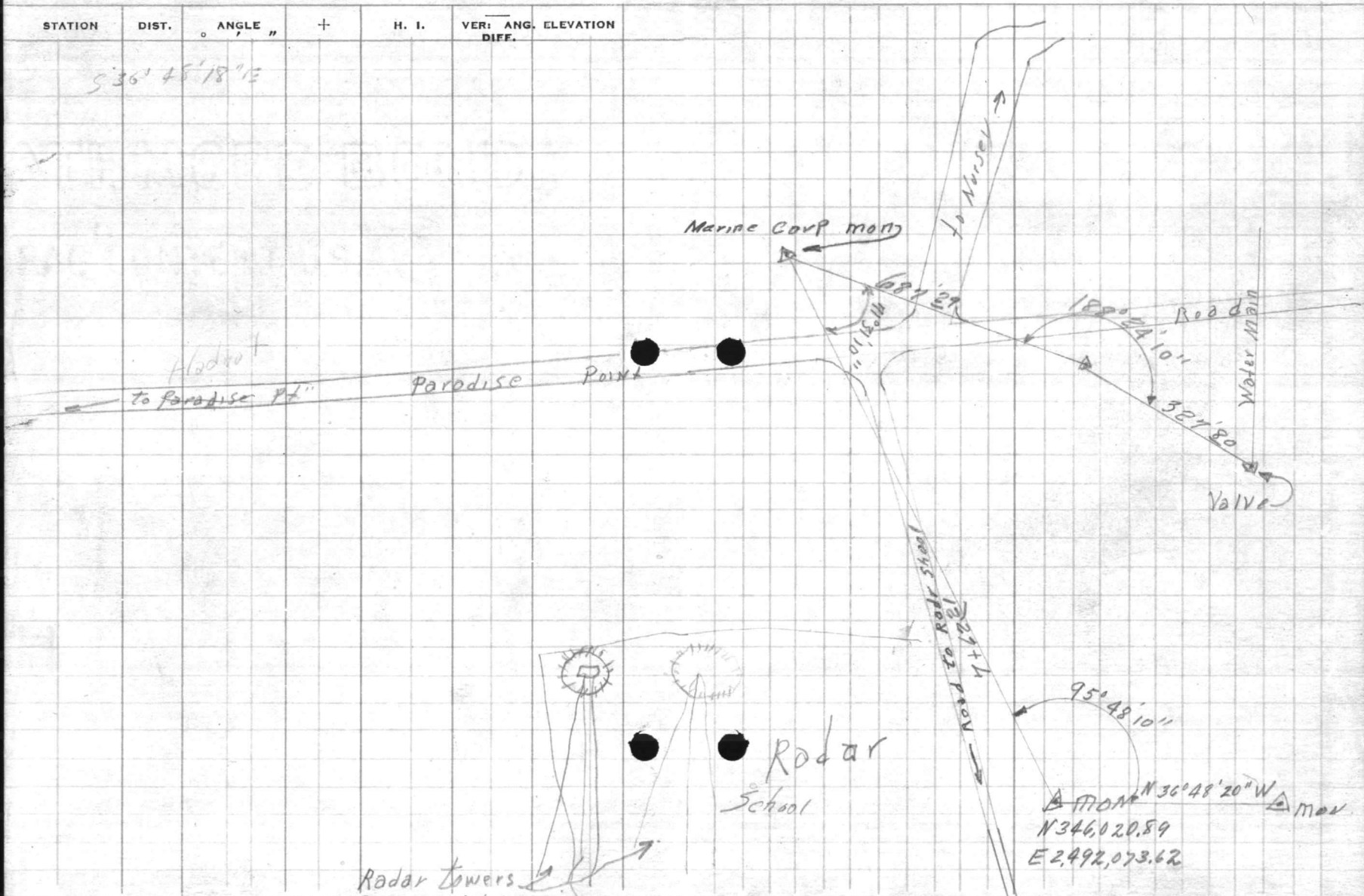
PLOTTED BY

DATE

4/16 1945

Quad. No. 139

STATION	DIST.	ANGLE "	+	H. I.	VER. ANG. DIFF.	ELEVATION
		536° 48' 18" E				



Radar towers  
Drawn by L.W. Pierce  
Very good

$\Delta$  FROM  $N 36^{\circ} 48' 20'' W$   $\Delta$  MAR  
N 346.020.89  
E 2.492.073.62

FILE NO.

SEARCHED  
SERIALIZED  
INDEXED  
FILED

17

SEARCHED  
SERIALIZED  
INDEXED  
FILED



**VALUABLE**

RETURN TO  
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CAMP LEJEUNE  
NEW RIVER, N. C.

SUBJECT LOCATION OF WATER LINE  
AT NURSERY.

FIELD PARTY  
DILLON IN CHARGE  
KELLM INSTRUMENT  
NOTES  
TAPES READ  
TAPES OR RODS  
TAPES OR RODS  
INSTRUMENT NO.  
TAPE NO.

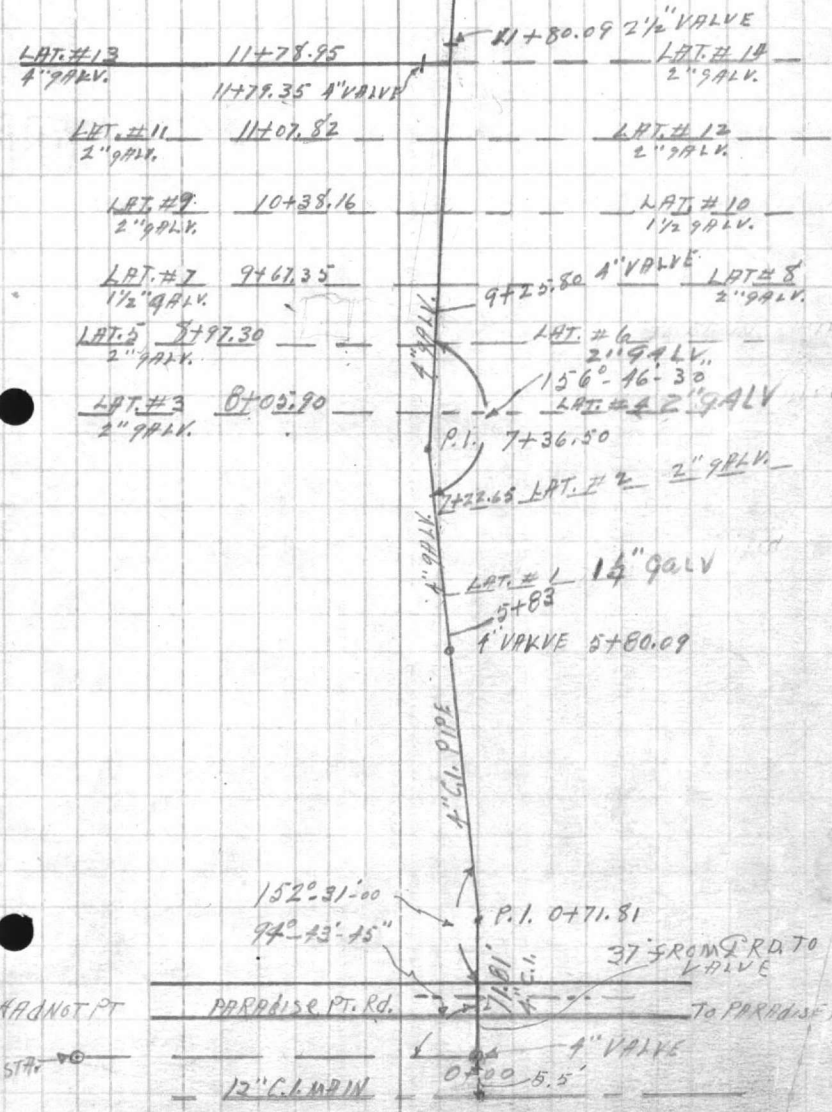
WEATHER  
CLEAR  
CLOUDY  
WINDY  
RAIN  
FAIR  
SNOW  
HOT  
MODERATE  
COLD  
FOG

FILE No. 139-0  
FLDR. No. \_\_\_\_\_  
SHEET 209 B  
FIGURED BY \_\_\_\_\_  
NOTES CHECKED BY \_\_\_\_\_  
PLOTTED BY \_\_\_\_\_ DATE 2-17-1945  
Quad. No. 139

Lat #1 153' 107° W Right ?

STATION	DIST.	ANGLE	+	H. I.	VER. ANG. DIFF.	ELEVATION
LAT #2 7+22.65	221'	66° 53'	Left	FROM 0+00	?	15" DEPTH.
LAT #3 8+05.90	268'	90° 01' 30"	Left	FROM 18+09.73		
LAT #4	226'	89° 56'	Right			
LAT #5	308'	89° 41' 30"	"			
LAT #6	226'	90° 05'	Right			
LAT #7	367'	89° 59' 30"	"			
" #8	260'	89° 05' 30"	Right			
LAT #9	361'	90° 04'	Left			
" #10	300'	89° 01' 30"	Right			
LAT #11	402'	89° 59'	Left			
" #12	280'	89° 57'	Right			
LAT #13	319'	90° 10'	Left			
LAT #14	313'	90° 10'	Right			

Line incomplete  
to greenhouse. Notes obtain  
from trench for pipe to  
green house



VALUABLE

STATION NO.  
ROUTE NO.  
OFFICE  
IN CHARGE  
DATE

272  
666

**VALUABLE**RETURN TO  
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NEW RIVER, N. C.SUBJECT LOCATION OF WATER LINES  
AT NURSERY

## FIELD PARTY

 \_\_\_\_\_ IN CHARGE  
 \_\_\_\_\_ INSTRUMENT  
 \_\_\_\_\_ NOTES  
 \_\_\_\_\_ TAPE READ  
 \_\_\_\_\_ TAPE OR ROD  
 \_\_\_\_\_ TAPE OR ROD  
 \_\_\_\_\_ INSTRUMENT NO.  
 \_\_\_\_\_ TAPE NO.

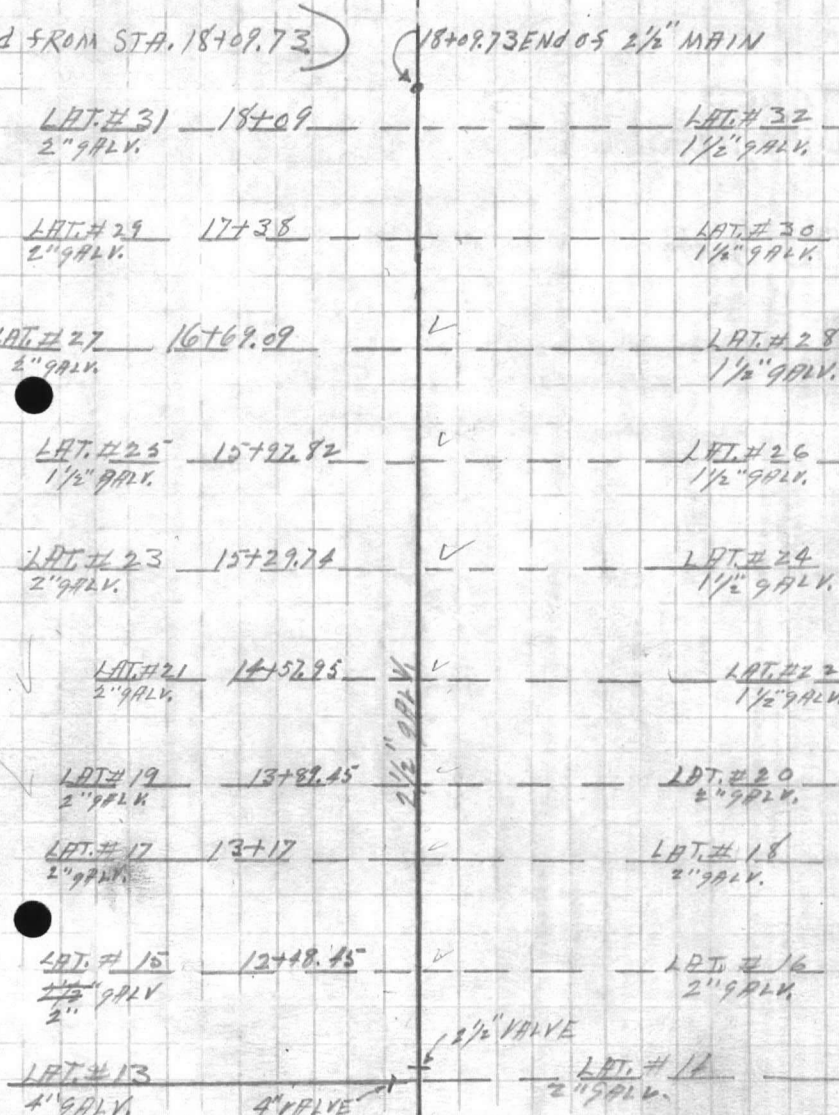
## WEATHER

 CLEAR \_\_\_\_\_ SNOW \_\_\_\_\_  
 CLOUDY \_\_\_\_\_ HOT \_\_\_\_\_  
 WINDY \_\_\_\_\_ MODERATE \_\_\_\_\_  
 RAIN \_\_\_\_\_ COLD \_\_\_\_\_  
 FAIR \_\_\_\_\_ FOG \_\_\_\_\_  
 FIGURED BY \_\_\_\_\_  
 NOTES CHECKED BY \_\_\_\_\_  
 PLOTTED BY \_\_\_\_\_
FILE No. 139-0

FLDR. No. \_\_\_\_\_

SHEET 305BDATE 4-17 1945Quad. No. 139
 Note: For closure see sheet 19+14.73 EDGE OF WATER  
of U.S. G.A. Monument # 67. dated 4/18/45 for replacement

STATION	DIST.	ANGLE "	+	H. I.	VER. ANG. DIFF.	ELEVATION
Lat # 15	302'	89° 58'	Left			
" # 16	359'	90° 01' 30"	Right			
(NOTE: ALL ANGLES TURNED FROM STA. 18+09.73)						
Lat # 17	434'	89° 59' 30"	Left			
" # 18	393'	90°	Right			
Lat # 19	485'	90° 10'	Left			
" # 20	407'	89° 56' 30"	Right			
Lat # 21	490'	90° 07'	Left			
" # 22	395'	89° 59'	Right			
Lat # 23	525'	90° 05'	Left			
" # 24	350'	90° 01'	Right			
Lat # 25	507'	90° 00' 30"	Left			
" # 26	390'	90° 04' 30"	Right			
Lat # 27	525'	89° 44'	Left			
" # 28	351'	90° 14'	Right			
Lat # 29	508'	89° 58'	Left			
" # 30	292'	90° 05'	Right			
Lat # 31	560'	89° 55'	Left			
" # 32	241'	90° 13'	Right			



Water System  
Nursery

**VALUABLE**

SUBJECT Profile notes for watermain for nursey sprinkling system

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NEW RIVER, N. C.

FIELD PARTY  
H.L. Water IN CHARGE  
G.E.K. 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 Ydw FLD. No. \_\_\_\_\_  
SHEET # 10x1  
NOTES CHECKED BY \_\_\_\_\_  
PLOTTED BY \_\_\_\_\_ DATE 4-18 1944  
Quad. No. 139

STATION	DIST.	ANGLE "	+	H. I.	VER. DIFF.	ANG. ELEVATION
B.M. #387		6.35		17.30		10.95? <u>J.K.</u>
0+00					8.1	9.2
1+00					7.3	10.0
2+00					6.9	10.4
3+00					8.5	8.8
4+00					10.8	6.5
5+00					10.8	6.5
6+00					11.6	5.7
T.P.		5.93		14.96	8.27	9.03
				15.00		
7+00					7.8	7.2
8+00					6.1	9.9
9+00					4.9	10.1
10+00					4.8	10.2
11+00					4.5	10.5
T.P.		4.64		15.58	4.02	10.94
12+00				15.6	5.3	10.3
13+00					5.2	10.4
14+00					8.0	7.6
15+00					8.9	6.7
16+00					7.5	8.1
T.P.		4.60		13.64	6.54	9.04
16+62				13.6	4.7	8.9
17+00					5.6	8.0
18+00					8.1	5.5
18+09.73					8.0	5.6
T.P.		4.97		14.71	3.90	9.74
on monument #67 of shore line-traverse					6.68	8.03
						80.5 - 80.3 = .02 off

THE NATIONAL ARCHIVES  
COLLECTIONS  
SERIALS  
SECTION  
1000





O.K. for [unclear]  
 Not corrected

Quad #1

F.W.O.  
 GARR & J. E. GREINER CO.  
 ARCHITECT - ENGINEERS

Traverse Computation  
 Description:

Water Service to + including Nursery Area

Marine Barracks, New River, N. C.  
 Sheet # / of /

Station	Distance	Bearing	Cosine	Sine	Latitude	Departure	Y Coordinate North	X Coordinate East
Monument		N36°48'20"W					346,020.89	2,492,073.62
P.I.	762.21	S47°23' <sup>15</sup> 40"W	.6770366	.7359494	516.04	560.95	345,504.85	491,512.67
P.I.	687.29	N24°47' <sup>05</sup> 40"W	.9125767	.4089057	627.20	281.04	346,132.05	491,231.63
P.I. Water Valve 5.5' off Main.	327.80	N15°43' <sup>04</sup> 20"W	.9625137	.2712305	315.51	88.91	346,447.56	491,142.72
P.I. Bend 0+71.81	71.81	S79°20' <sup>28</sup> 15"W	.1910231	.9815855	13.72	70.49	346,433.84	491,072.23
P.I. Bend 7+36.50	664.69	S51°31' <sup>30</sup> 15"W	.6224577	.7826534	413.74	520.22	346,020.10	490,552.01
End of Main 18+09.73	1073.23	S74°44' <sup>43</sup> 45"W	.2635223	.9646533	282.82	1035.29	345,737.28	489,516.72
Monument # 67	672.43	S19°41' <sup>43</sup> 55"E	.9671446	.2542268	650.34	170.95	345,086.94	489,687.67
		S36°57' <sup>57</sup> 35"E						
		N36°59'37"W					345,087.36	2,489,689.07
		0.12"					- 0.42	- - 1.40
P.I. Bend 7+36.50		S51°30'15"W	.2635223				346,020.10	2,490,552.01
Valve Sta. 9+25.80	189.30	S74°43'15"W		.9646533	49.88	182.61	345,970.22	2,490,319.40
Corner (N.W.) of Green House	200.33	S45°48'45"W	.6970087	.7170627	139.63	143.65	345,830.59	2,490,225.75
" (N.E.) " " "	224.37	S36°08'15"W	.807604	.589725	181.20	132.32	345,789.02	2,490,237.08

