

30-28

VALUABLE

SUBJECT

Traverse for Topog
Mock-up Road.

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

Sneads Ferry Road to Tri Sta. "Baker"

FIELD PARTY

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

WEATHER

CLEAR
CLOUDY
WINDY
RAIN
FAIR
SNOW
HOT
MODERATE
COLD
FOG

FILE No. 221-H

FLDR. No.

SHEET 105

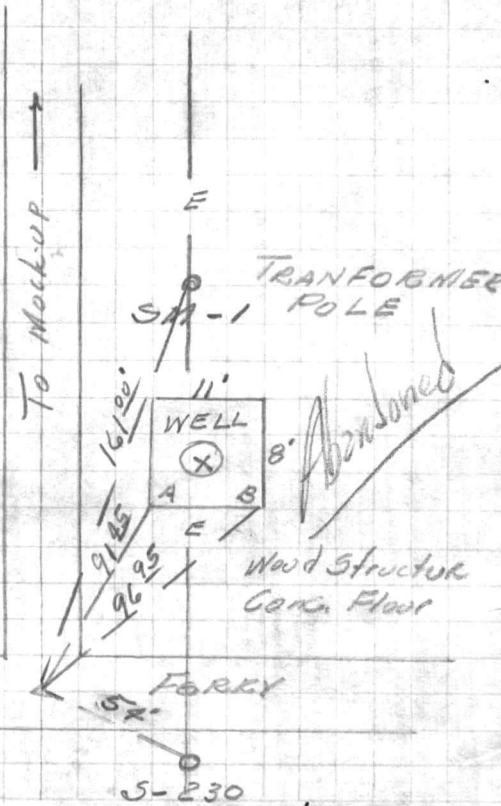
FIGURED BY
NOTES CHECKED BY
PLOTTED BY

DATE 4/29 1955

Quad. No.

STATION	DIST.	ANGLE " "	+	H. I. BEARING	VER. ANG. DIFF.	ELEVATION
	161 ⁰⁰					
To Pole SM-1	110	41	15			
	54 ⁰⁰					
To Pole S-230	232	16	15			
	96 ⁹⁵					
To Cor "B"	141	26	15			
	91 ⁴⁵					
To Cor "A"	137	46	30			
	1803 ⁸⁷					
Not Nail S.F.	97	05	45	(1)		
AND Mock-up	291	17	00	(2)		
B.S. Int. BEACH	97	05	55	(M)		
S.F. Rd						
TO P.I. #1						

161⁰⁰



① 970545

③ 2911700

$$\begin{array}{r} 3 \overline{) 29197} \\ \underline{27} \\ 21 \end{array}$$

$$\begin{array}{r} 3 \overline{) 1775} \\ \underline{15} \end{array}$$

$$\begin{array}{r} 120 \\ 45 \\ 3 \overline{) 16555} \\ \underline{15} \\ 10 \end{array}$$

VALUABLE

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NORTH CAROLINA

FIELD PARTY

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CLEAR
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FOG

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

Quad. No. _____

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

TRK P.I. 2		192	47	45	①		
APPRO. P.T.		218	23	00	③		
		192	47	40	④		

73'

SM 9 327 46 30

143⁰⁰

SM-10 197 16 00

141⁵⁰

SM-10-S 166 21 00

55⁴⁵

Cor "D" 196 21 00

56'

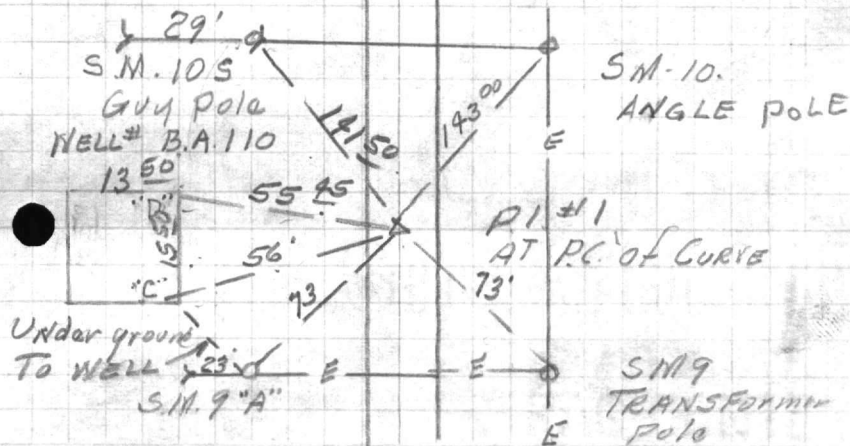
Cor "C" 80 29 00

73'

To SM 9A 30 49 00

511⁰²

TRK P.I. #1		192	43	30	①		
APPRO. P.C.		218	10	30	③		
		192	43	30	④		



$$\textcircled{1} 192 \ 43 \overset{30}{\cancel{30}}$$

$$\textcircled{3} \begin{array}{r} 248 \ 10 \ 30 \\ 300 \\ \hline 3 \overline{) 56818} \\ \underline{3} \\ 26 \\ \underline{24} \\ 28 \end{array}$$

$$\begin{array}{r} 218 \\ 360 \\ \hline 3 \overline{) 578} \ 192 \\ \underline{3} \\ 27 \\ \underline{27} \\ 8 \\ \underline{6} \end{array}$$

$$\begin{array}{r} 120 \\ 10 \\ \hline 3 \overline{) 130743} \\ \underline{12} \\ 10 \\ \underline{9} \end{array}$$

$$\textcircled{1} 19247 \ 45 \checkmark$$

$$\textcircled{3} \begin{array}{r} 218 \ 23 \ 00 \\ 300 \end{array}$$

$$3 \overline{) 578} \ 192$$

$$\begin{array}{r} 27 \\ 27 \end{array}$$

$$\begin{array}{r} 120 \\ 23 \\ \hline 3 \overline{) 193} \ 47 \\ \underline{12} \\ 23 \\ \underline{21} \end{array}$$

$$\begin{array}{r} 60 \\ 30 \\ \hline \end{array}$$

$$2 \overline{) 120} \ 40$$

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WINDY
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COLD
FOG

FILE No. _____

FLDR. No. _____

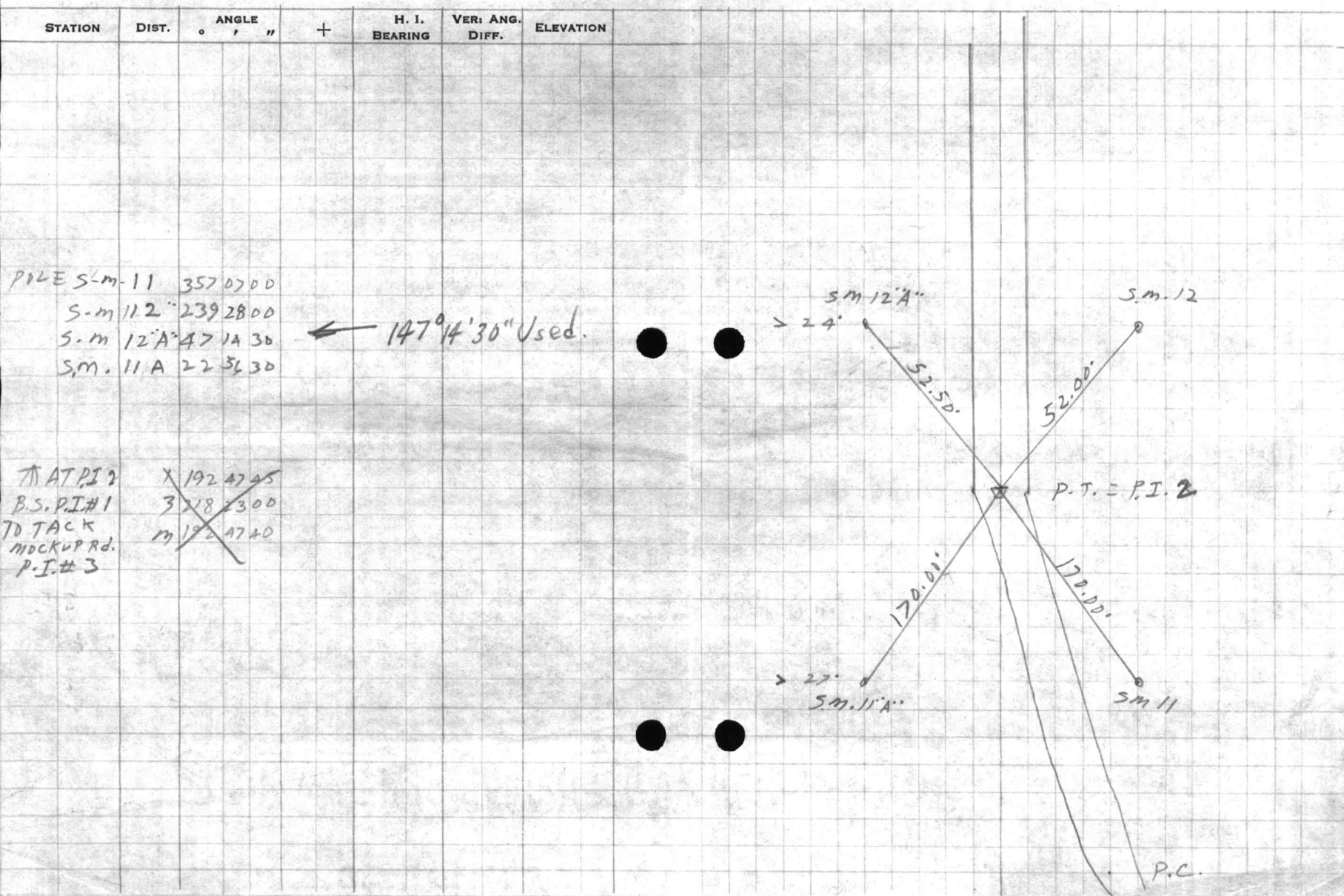
SHEET 3 of

NOTES CHECKED BY _____

FIGURED BY _____ DATE _____ 19____

PLOTTED BY _____

Quad. No. _____



~~AT P.I. 2 X 192 47 45
 B.S. P.I. #1 3 18 23 00
 TO TACK
 MOCKUP RD.
 P.I. #3 17 192 47 40~~

P.C.

NO. 101
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
PUBLIC WORKS
SECTION OF HIGHWAYS

WEATHER
OTHER
WIND
TEMP.
MOON
CLOUDS
RAIN
FOG
HAIL
ICE
SLEET
MIST
SMOG
SMOKE
DUST
VOLCANIC ASH
OTHER

18x8993
15x8687

STATION
ANGLE
ELEVATION

VALUABLE

SUBJECT _____

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

FIELD PARTY

IN CHARGE

INSTRUMENT

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CLOUDY
WINDY
RAIN
FAIR

SNOW
HOT
MODERATE
COLD
FOG

FILE No. _____

FLDR. No. _____

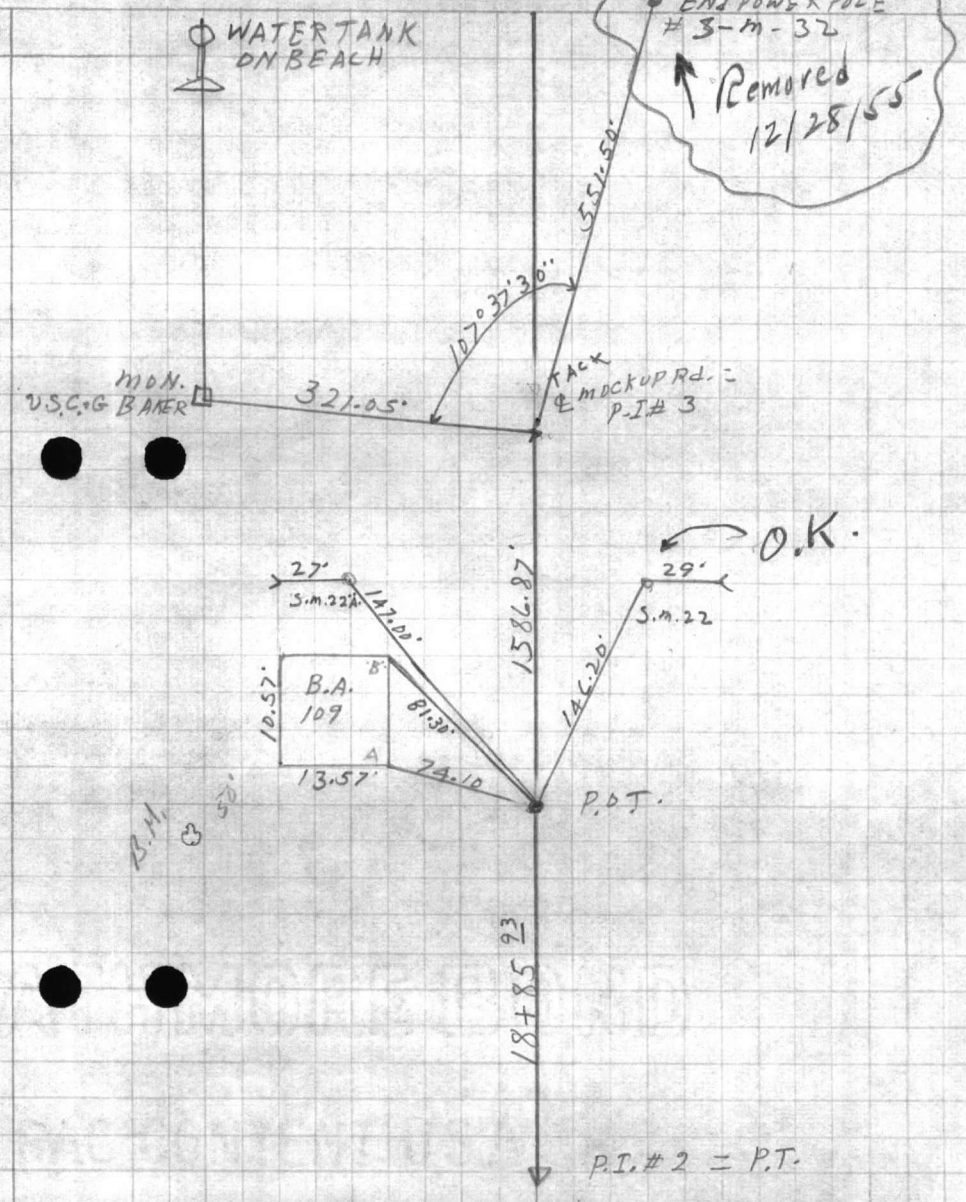
FIGURED BY _____ SHEET _____

NOTES CHECKED BY _____

PLOTTED BY _____ DATE _____ 19____

Quad. No. _____

STATION	DIST.	ANGLE " "	+	H. I. BEARING	VER. ANG. DIFF.	ELEVATION
AT MON BAKER WATER TANK TO TACK MOCKUP ROAD.	1 3 M	08" 92 21 00				
AT TACK MOCKUP RD. B.S. P.T. TO MON. BAKER		76° 21' 15"				
AT P.O.T. SIGHT TACK AHEAD	1 2 M	310 06 15 260 12 30 310 06 15				
COR. B. "	1 2 M	315 48 45 271 37 30 315 48 45				
POLE S.M. 22-	15	11 30				
POLE S.M. 22'A	339	39 00				



P.I.# 2 = P.T.

283° 38' 45"
 3
 850 5615
 720
 130 5615

6

~~83° 38' 45"~~
~~3~~ 114
~~60~~
~~54~~
 250° 54' 15"

130° 56' 45"

354-59-60
 283-38-45
 76-21-15

ATTACK
 SIGHT ON BAKER
 TO END POLE

107° 37' 30"

5+51 50

5-m 32

VALUABLE

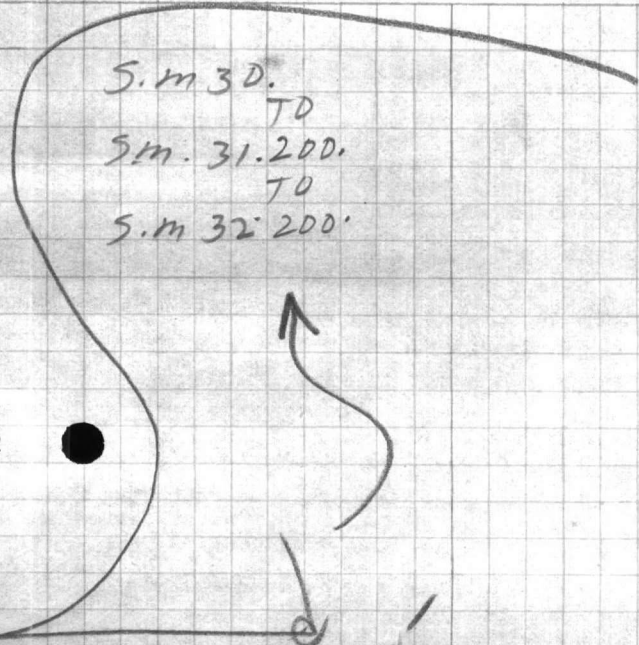
SUBJECT DIST. BETWEEN POWER
POLES ON MOCK UP ROAD

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

FIELD PARTY
DENNIS IN CHARGE
____ INSTRUMENT
____ NOTES
____ TAPE READ
____ TAPE OR ROD
____ TAPE OR ROD
____ INSTRUMENT No.
____ TAPE No.

WEATHER
CLEAR _____
CLOUDY _____
WINDY _____
RAIN _____
FAIR _____
SNOW _____
HOT _____
MODERATE _____
COLD _____
FOG _____
FILE No. _____
FLDR. No. _____
FIGURED BY _____
SHEET 1 of 1
NOTES CHECKED BY _____
PLOTTED BY _____
DATE 5-13 1955
Quad. No. _____

STATION	DIST.	ANGLE " "	+	H. I. BEARING	VER. ANG. DIFF.	ELEVATION
FROM POLE				S.m. 15		
S-230 TO					TD	
S.m. 1	194.5			S.m. 16	198.0	
	TD				TD	
S.m. 2	198.5			S.m. 17	198.5	
	TD				TD	
S.m. 3	197.5			S.m. 18	200.199.2	
	TD				TD	
S.m. 4	200.0			S.m. 19	200.199.2	
	TD				TD	
S.m. 5	197.5			S.m. 20	200.199.2	
	TD				TD	
S.m. 6	197.5			S.m. 21	200.50' 200.1	
	TD				TD	
S.m. 7	198.5			S.m. 22	200.199.7	
	TD				TD	
S.m. 8	197.8			S.m. 23	199.50'	
	TD				TD	
S.m. 9	197.8			S.m. 24	200.70'	
	TD				TD	
S.m. 10	198.5			S.m. 25	199.50'	
	TD				TD	
S.m. 11	200.			S.m. 26	201'	
	TD				TD	
S.m. 12	199.60			S.m. 27	199.	
	TD				TD	
S.m. 13	198.7			S.m. 28	200'	
	TD				TD	
S.m. 14	197.3			S.m. 29	199.	
	TD				TD	
S.m. 15	198.3			S.m. 30	200.	



Removed
12/28/55

VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT BENCHMARKS & FLOOR
ELEV. WELL HOUSE'S ON
MOCKUP ROAD, BEACH
AREA.

FIELD PARTY
DENNIS IN CHARGE
DENNIS INSTRUMENT
DENNIS NOTES
____ TAPE READ
PATRICK 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. 221-H
FLDR. No. _____
SHEET 1 of 3
DATE 5/11 1955

Quad. No. _____

STATION	DIST.	ANGLE " +	H. I. BEARING	VER. ANG. DIFF.	ELEVATION	
B.M.# 659		4 39	28.38		23.99	NAIL IN PINE INT. SNEEDS FERRY & MOCKUP Rd. NORTHEAST COR.
NAIL		4.01	28.61	3.78	24.60 ^{.59}	INT. SNEEDS FERRY & MOCKUP Rd. ← +0.08 for Paving Course.
(Well Abandoned)				4.95	23.66 ^{.65}	(SIDE SHOT FLOOR ELEV. WELL HOUSE X) (CHECKED)
B.M.# 1		1 85	28.82	1.64	26.97 ^{.96}	NAIL IN TRUNK 24' PINE 258' down MOCKUP Rd. APPRD. 60' FROM & MOCKUP Rd. SOUTH SIDE
T.P.# 1		2 71	26.39	5.14	23.68 ^{.66}	
T.P.# 2		2 03	22.59	5.83	20.56 ^{.54}	
T.P.# 3		3 81	20.91	5.49	17.40 ^{.69}	NAIL IN & MOCKUP Rd. AT APPRD. P.C. = P.I.# 1
B.M.# 2		3 61	20.05	4.47	16.44 ^{.01}	SIDE SHOT FL. ELEV. WELL HOUSE # B.A. 110 (CHECKED)
T.P.# 4		2 75	19.11	3.69	16.36 ^{.32}	NAIL IN TRUNK 16' PINE APPRD. 40' NORTHEAST FROM NORTH EAST COR. WELL HOUSE B.A. 110
T.P.# 5		3 57	16.09	6.59	12.52 ^{.47}	NAIL @ MOCKUP Rd. APPRD. P.T. = P.I.# 2
T.P.# 6		5 34	17.63	3.80	12.29 ^{.27}	SPIKE @ MOCKUP Rd. AT INT. SECOND DIRT TO RT. BETWEEN P.I.# 2 & P.O.T.# 1

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NORTH CAROLINA

FIELD PARTY

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INSTRUMENT

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TAPE OR ROD

INSTRUMENT NO.

TAPE NO.

WEATHER

CLEAR
CLOUDY
WINDY
RAIN
FAIR

SNOW
HOT
MODERATE
COLD
FOG

FILE No. _____

FLDR. No. _____

SHEET 2 of 3

FIGURED BY _____

NOTES CHECKED BY _____

PLOTTED BY _____ DATE _____ 19__

Quad. No. _____

STATION	DIST.	ANGLE " "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION	
				17 63			
T.P.#7	1 89			16.05	3 47	14.16	^{.10} .0610 .020
T.P.#8	4 19			15.09	5 15	10.90	^{.0671} .022 NAIL IN MOCKUP RD SWEST WELLHOUSE #
					4 12	10.97	SIDE SHOT FL ELEV. WELLHOUSE # B.A.109 (CHECKED)
B.M.#3	3 66			15.02	3 73	11.36	^{.0732} .024 NAIL IN TRUNK 8" PINE APPROX. 60' NORTH. MOST NORTHERN COR. B.A.#109
T.P.#9	2 60			13.80	3 82	11.20	^{.0793} .026
T.P.#10	3 75			13.41	4 14	9.66	^{.0654} .025 Continued on Water Line Profile for Treated water to Onslow Beach, Sheets Dated 12/12/55
T.P.#11	3 51			11.48	5 44	7.97	^{.0915} .030 TACKLE MOCKUP RD. 320' SOUTH MON. BAKER = P.I.#3
MON. U.S.C. + G BAKER	4 32			12.33	3 47	8.01	^{.032}
T.P.#12	3 37			13.33	2 37	9.96	^{.034}
T.P.#13	4 53			14.84	3 02	10.31	^{.036}
T.P.#14	4 54			15.25	4 13	10.71	^{.038}

VALENTIA
SHERIFF
COUNTY
OFFICE
SHERIFF
COUNTY
OFFICE

STATION 1 DAY

STATION 1 DAY

WEATHER
CLEAR
TEMP
WINDY
MOON
SUN



VALUABLE

SUBJECT _____

RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

FIELD PARTY

 IN CHARGE

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 INSTRUMENT NO.

 TAPE NO. _____

WEATHER

CLEAR
 CLOUDY
 WINDY
 RAIN
 FAIR

SNOW
 HOT
 MODERATE
 COLD
 FOG

FILE No. _____
 FLDR. No. _____
 SHEET 343
 DATE _____ 19____
 FIGURED BY _____
 NOTES CHECKED BY _____
 PLOTTED BY _____
 Quad. No. _____

STATION	DIST.	ANGLE " "	+	H. I. BEARING	VER. ANG. DIFF.	ELEVATION	
				15 25			
T.P.#14		4 30		17 94	1 61	13.64	060
T.P.#15		2 58		16.44	4 08	13.86	042
T.P.#16		4 62		17.21	3 85	12.59	044
T.P.#17		4 54		20.77	0.98	16.23	044
T.P.#18		4 21		21.20	3 78	16.99	068
T.P.#19		5 22		24.02	2.40	18.80	050
T.P.#20		4 93		26 27.75	2 20	21 22.82	052
T.P.#21		4 41		28 29.32	2 84	23 24.91	054
T.P.#22		3 41		28 29.52	3.21	25 26.11	056
Bm#659					4 47	24 25.05	058 <u>23.99</u>

NORTHEAST COR. SNEEDS FERRY
 MUCKUP RD.

STATION
STATION
STATION
STATION
STATION

STATION

STATION

WEATHER
CLEAR
CLOUDY
WINDY
RAIN
MIST
FOG
HAIL
THUNDER

LEAD PARTY

IN CHARGE
DATE
TIME
PLACE
ROUTE
MILEAGE
DIRECTION

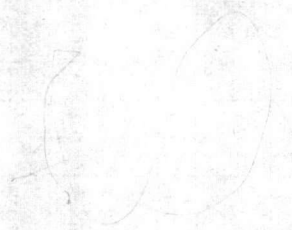
WIND

WIND
DIRECTION
SPEED
TEMPERATURE
HUMIDITY
PRESSURE
WIND
DIRECTION
SPEED

● ●

● ●

● ●



2658.11
56.30
1.81

PUBLIC WORKS DEPARTMENT
Camp Lejeune, North Carolina
Survey Department

File 221-H
Quadrangle _____
Date 5/6/55
Sheet # 1 of 2

Traverse Computation
Description

Control Traverse on E of Mock-up Road.

Station	Distance	Bearing	Cosine	Sine	Latitude	Departure	Y Coordinate North	X Coordinate East
Int. of S. F. & Mock-up Roads.		530°08'20"W			from Int. of S. F. & Beach Rd.		307,765.14	2,514,888.06 ✓
A Cor. Well X	91.45	S12-05-10 E	97783	20938	89.42	19.15	307,675.72	2,514,907.21 ✓
B " " "	96.95	S8-25-25 E	98921	14649	95.90	14.20	307,669.24	2,514,902.26 ✓
Pole S-230	54'	S82-24-35 W	13209	99124	7.13	53.53	307,758.01	2,514,834.53 ✓
Pole SM-1	161'	S39-10-25 E	77524	63167	124.81	101.70	307,640.33	2,514,989.76 ✓
P.I. #1 Approx. P.C.	1803.87	S52°45'30"E	6051782	7960900	1091.68	1435.15	306,673.49	2,516,323.21 ✓
C Cor. Well B.A.110	56'	N27-43-30 E	88519	46523	49.57	26.05	306,723.06	2,516,349.26 ✓
D " " "	55.45	N43-35-30 E	72427	68951	40.16	38.23	306,713.65	2,516,361.44 ✓
Pole S.M.10	143'	S35-29-30 E	81420	58058	116.43	83.02	306,557.06	2,516,406.23 ✓
" S M 10 S	141.5'	S66-24-30 E	40022	91642	56.63	129.67	306,616.86	2,516,452.88 ✓
" S.M. 9	73'	N85-01-00 W	08687	99622	6.34	72.72	306,679.83	2,516,250.49 ✓
" S M 9 A	73'	N21-56-30 W	92756	37366	67.71	27.28	306,741.20	2,516,295.93 ✓
P.I. #2 Approx. P.T.	511.02	S40-01-45 E	7657171	6431775	391.30	328.48	306,282.19	2,516,651.69 ✓

+
-

PUBLIC WORKS DEPARTMENT
Camp Lejeune, North Carolina
Survey Department

File 221-H
Quadrangle _____
Date _____
Sheet 42 of 2

Traverse Computation
Description

Mock-up Road

Station	Distance	Bearing	Cosine	Sine	Latitude	Departure	Y Coordinate North	X Coordinate East
P.I. #2							306,282.19	2,516,651.69 ✓
Pole SM-11	170.0	N42-54-45W	73239	68088	124.51	1157.75	306,406.70	2,516,535.94 ✓
" SM-12	52.0	S19-26-15W	94301	33278	49.04	17.30	306,233.15	2,516,634.39 ✓
" SM-12A	52.5	^{572-47-15E} N7-12-45E	²⁹⁵⁹ 94209	⁹⁵⁵² 12555	^{15.5} 52.08	^{50.1} 6.59	^{266.7} 306,334.27	^{701.8} 2,516,658.28 ✓
" S.M.-11A	170.0	N17-25-15W	95413	29939	162.20	50.90	306,444.39	2,516,600.79 ✓
P.O.T. Nail & Cap	1885.93	S27-13-50E	8891725	4575722	1676.42 ⁹⁰	862.45 ⁴¹	304,605.29	2,517,514.10 ✓
Cor. Well BA 109 ✓	74.1	S77-07-35E	22280	97486	16.51	72.24	304,588.78	2,517,586.34 ✓
" " "	81.3	S71-25-05E	31866	94787	25.91 ✓	77.06 ✓	304,579.38	2,517,591.16 ✓
Pole S.M. 22	146.2	S12-02-20E	97801	20858	142.98	30.49	304,462.31	2,517,544.59 ✓
" SM 22 A	147.0	S47-34-50E	67455	73823	99.16	108.52	304,506.13	2,517,622.62 ✓
P.I. #3	1586.87	S27-13-50E	8891725	4575722	1410.98 ⁹⁰ 1411.80 ¹²	725.66 ⁴⁵ 726.11 ⁴⁵	303,194.31	2,518,239.76
End Pole SM 32	551.5	S23-14-50E	91881	39470	506.72	217.68	302,687.59	2,518,457.44 ✓
Mun. "Baker"	321.05	N49-07-40E	6543743	7561708	210.09	242.77 ⁶²	303,404.40	2,518,482.38 ✓
"Swamp" to "Baker"		N49°07'55"E					303,404.35	2,518,484.61
To Water Tank		S43°13'13"E						
		Ev. + 00°01'15" Adj.						
					+ 210.09	+ 3596.55	- 0.05	+ 2.23
					- 4570.88	-		
					- 4360.79			

