

SJM:lp
3 June 1958

MEMORANDUM

Discussion between Messrs. R. Hall and J. Edwards of Leif Valand's (A&E) Office and A. E. Ellington and S. J. Morris Public Works Office, Marine Corps Base, Camp Lejeune, North Carolina

Ref: Capehart Housing

Subj: Utilities Layout: Water Facilities, Sewerage, Storm Drainage and Boundary

1. Water. The discussion on the water was as follows:

a. Elevated tank: A&E was requested to have a maximum tank range of 30 feet and an overflow elevation of 161.0 feet. It was also requested that the altitude valve be of a throttling type.

b. Distribution system:

1. The tie-ins to the MOQ area adjacent to the "Off-site" main will be furnished under the "Off-site" contract to the "On-site" boundary.

2. Tie-ins to the MOQ area that go into existing mains will be furnished under the "On-site" contract across easements to the existing main.

3. Tie-ins to the MEMQ area adjacent to Stone Street will be furnished by the "Off-site" contract to include the isolation valve adjacent to the main only.

4. The Holcomb Boulevard tie-ins will be furnished by the "Off-site" contract from Holcomb Boulevard to a point to be determined by the A&E.

5. The Stone Street 12" "Off-site" main will terminate on the south side of Colorado Street.

6. The location for the tie-ins tees on the "Off-site" 12" main adjacent to Stone Street will be furnished by the A&E

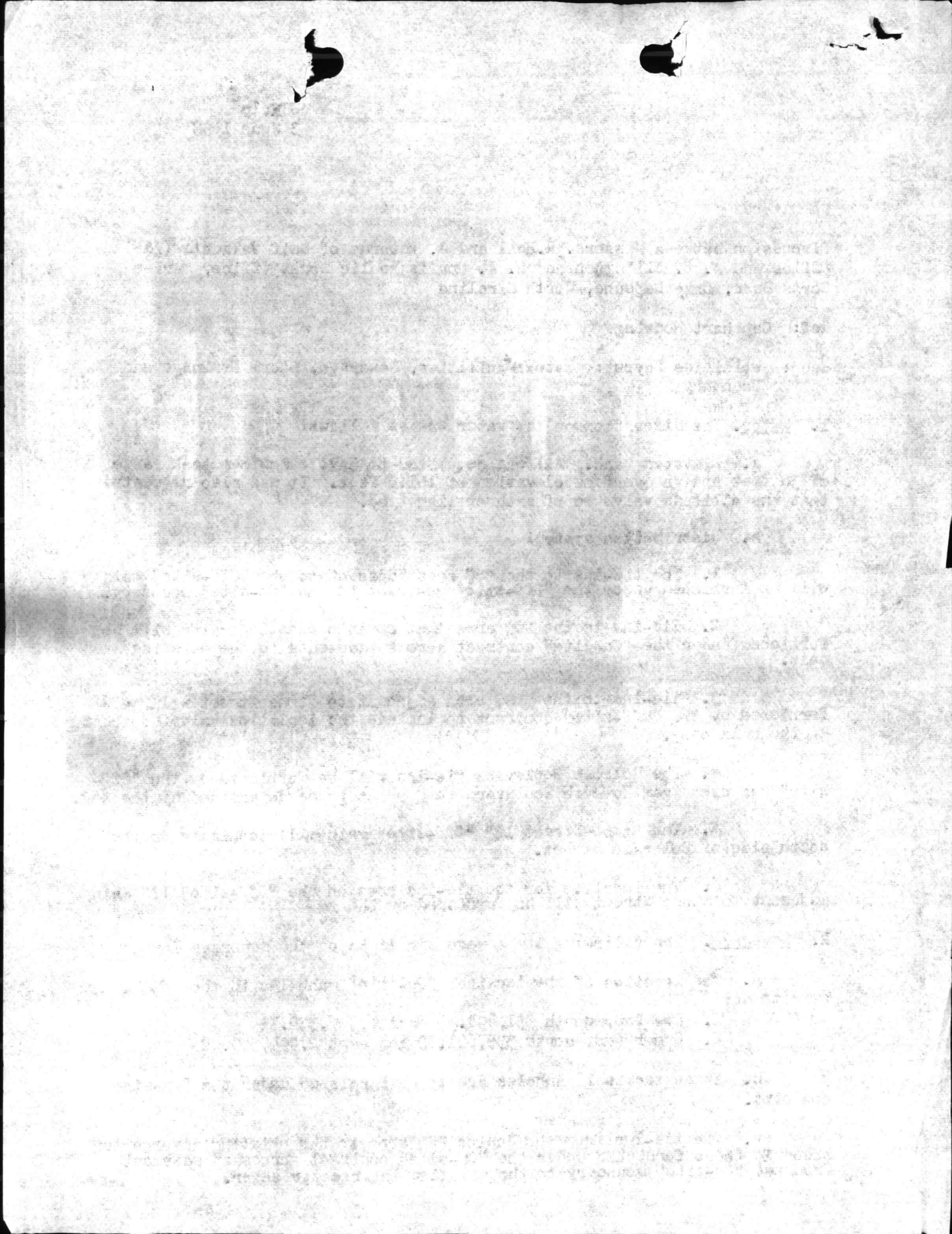
2. Sewerage. The following items were agreed to on the sewerage layout:

a. The location of the terminal "On-site" manholes in the MEMQ areas were to be:

1. Low End, north 351,494.34 east 2,497,338.12
2. Upper End, north 355,601.83 and east 2,494,549.06

b. These terminal manholes are to be furnished under the "On-site" contract.

c. The tie-ins from the Junior MOQ area to the existing interceptor sewer is to be furnished under the "On-site" contract across an easement from the "On-site" boundary to the existing interceptor sewer.



SJM:lp
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3. Drainage. Drainage plans were not available and Mr. Hall said that another visit would be made relative to drainage.

4. Boundaries. Mr. Hall said that new plans reflecting boundary adjustments to include the "On-site" location of the switching station and the elevated tank and easements as required for other utilities would be forwarded.

1941

1941

The first part of the report is devoted to a description of the work done during the year. It is divided into two main sections, the first of which deals with the work done in the laboratory and the second with the work done in the field.

The work done in the laboratory is described in detail in the following pages. It is divided into two main sections, the first of which deals with the work done in the laboratory and the second with the work done in the field.

VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT SEWER M.H. LOC.
Near Redcross Bldg. #41

~~DOWN~~ 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 10-16 1956

Quad. No. _____

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER. ANG. DIFF.	ELEVATION
<u>B.M.</u>				<u>04429.24</u>		<u>28 80</u>
<u>STA. 32+35²⁰</u>		<u>5'LT.</u>			<u>10 55 18 69</u>	

NORTHMOST BOLT IN NORTHMOST PIER
WATERTANK IN AREA #1

SEWER M.H.

Outlet invert of 6" T.C. sewer
Pipe in M.H.

UNITED STATES BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C. 20250
OFFICE OF THE ASSISTANT ATTORNEY GENERAL
LAND ACQUISITION DIVISION
WASHINGTON, D. C. 20530

DATE: _____ TIME: _____
TO: _____ FROM: _____
SUBJECT: _____

FIELD NO. _____
DATE: _____ TIME: _____
TO: _____ FROM: _____
SUBJECT: _____
WEATHER: _____
CLOUDS: _____
WIND: _____
TEMP: _____
HUMIDITY: _____
PRESSURE: _____
VISIBILITY: _____
NOTES: _____
PLANT LIFE: _____
ANIMAL LIFE: _____
SOIL: _____
ROCKS: _____
OTHER: _____



Gravity
Line from
Lift Sta. to
"onsite" M.H.



VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT PROFILE & T.O.P.O.
PROPOSED SEWER FROM
EXISTING LIFT. STA. # 47
TO STA. 98+94.20 ON
CAPEHART SEWER

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

Gravity Line

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 10
DATE 6-9-58

Quad. No. _____

STATION	DIST.	ANGLE " "	+	H. I. BEARING	VER. ANG. DIFF.	ELEVATION	
B.m.				163	10.06	8.43	SPIKE IN PP# B-175 NEAR LIFT STA. #47
54+25	08				2.96	7.10	ON M.H.
54+28	08				2.95	7.11	ON M.H.
54+36					4.0	6.1	ON GROUND
54+45					3.8	6.3	10' CART RD.
54+57					3.8	6.3	WOOD LINE
54+61					4.2	5.9	
54+65					4.6	5.5	
57+00	0-09				5.6	4.5	BORING # 1
B.m. #1	0+00				6.3	3.8	
Sta.					6.3	3.7	
					5.97	4.09	# 1
PT 57+67.2					5.72	9.81	
58+00	0+91				6.7	3.1	
59+00	1+91				7.3	2.5	
59+13	2+04				6.9	2.9	BORING # 2
59+30	2+21				6.3	3.5	
					5.0	4.8	BORING # 3

54+45
TO 59+00
THICK GUMS 8" TO 16"
THIN UNDER BRUSH

STATION NAME
STATION NUMBER
DATE
TIME
WEATHER
WIND
TEMPERATURE
PRESSURE
HUMIDITY
VISIBILITY
CLOUDS
REMARKS



VALUABLE

SUBJECT _____

RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

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 201
 DATE _____ 19__

Quad. No. _____

STATION	DIST.	ANGLE " "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION	
	<u>Sta.</u>			9 81			
59147	2+58				3 4	6.4	✓
60+00	2+91			(9.8)	2 9	6.9	✓
3+44.86					2 8	7.0	✓
P.I. 60+53	P.I. #2					4.655	# 4
B.m. #2					5 17	4.64	# 2
	<u>Sta.</u>			9 36 14.00			
60+72	3+63				5 3	8.7	✓
61+00	3+91			(14.0)	4 2	9.8	✓
61+08	3+99				4 8	9.2	✓
61+18	4+09				3 8	10.2	✓
61+53	4+44				5 0	9.0	✓
							Φ CART RD.
62+00	4+91				5 4	8.6	✓
T.P.					4 48	9.52 ⁵³	3
				3 49 13.01			
62+86	5+77			(13.0)	4 6	8.4	✓
							10' LT. Φ CART RD.
63+00	5+91				5 4	7.6	✓
63+27	6+18.71				6 8	6.2	✓
	P.I. #3						BORING. #5

60+53
 15
 2

59+00 TO
 74+50 THICK
 GROWTH PINES
 10" TO 20"
 MED. GROWTH
 UNDER BRUSH

W. H. HALL
SUBJECT
STATION
ELEVATION
DATE
TIME
WIND
TEMP.
PRESS.
HUMIDITY
DIRECTION
SPEED
STATE

FIELD PART
NO. OF
STATION
ELEVATION
DATE
TIME
WIND
TEMP.
PRESS.
HUMIDITY
DIRECTION
SPEED
STATE

WEATHER
CLEAR
PARTLY
CLOUDY
WINDY
RAINY
FOG
THUNDER
STORMY
OTHER

WIND
DIRECTION
SPEED
STATE

STATION
ELEVATION
DATE
TIME
WIND
TEMP.
PRESS.
HUMIDITY
DIRECTION
SPEED
STATE

VALUABLE

SUBJECT _____

RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

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. _____
 FLDR. No. _____
 SHEET 3 of _____
 DATE _____ 19__

FIGURED BY _____
 NOTES CHECKED BY _____
 PLOTTED BY _____

Quad. No. _____

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION	
B.m. #3				13 01		11.305 Use 11.39	27
Sta.				1.37 12.74	1 49	11.37 4 #3	
63+50	6+42				4 9	5.8	✓
63+77	6+69			(12.7)	7 7	5.0	✓ BORING # 6
67+00	6+91				7 2	5.5	✓
64+26	7+17				5 3	7.4	✓
64+48	7+39				5 4	7.3	✓
64+68	7+59				3 7	9.0	✓
65+00	7+91				2 3	10.4	✓
65+20	8+11				2 0	10.7	✓
65+30	8+21				3 2	9.5	✓ E CART RD.
65+43	8+34				3 4	9.3	✓
65+74	8+65				5 6	7.1	✓
66+00	8+91				6 4	5.3	✓
T.P.					5 32	7.43	5
66+50	9+41			4 74 12.18	5 5	4.7	✓

REPORT TO
PUBLIC WORKS
OFFICE
CAMP BUSHING
NORTH DAKOTA

STATION
DATE

BRANCH
H. I. VAN AND
L. I. VAN AND

TAPE NO.
INSTRUMENT NO.

DATE OF TO
TAPE OR RUN

NOTES

IN CHARGE

FIELD PARTY

FIXED BY

NOTES CHECKED BY

READING BY

DATE

WEATHER
CLEAR
CLOUDY
WINDY
RAIN
SNOW
FOG

WILLIAM

NO.

VALUABLE

SUBJECT _____

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

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. _____

F.LDR. No. _____

SHEET 40A

DATE _____

19__

Quad. No. _____

STATION	DIST.	ANGLE " "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION
	Sta.			12 18		
67+00	9+91				4 9	7.3 ✓
67+50	10+41			(12.2)	4 7	7.5 ✓
68+00	10+91				4 8	7.4 ✓
68+75	11+66.99 P.I. #4				4 6	7.6 ✓
B.m. #4					2 11	10.07 Use 10.09 # 4
			2 02	12 09		
69+00	11+91				4 0	8.1 ✓
69+50	12+41			(12.1)	3.5	8.6 ✓
70+00	12+91				2 7	9.4 ✓
70+50	13+41				2 3	9.8 ✓
71+00	13+91				1.6	10.5 ✓
T.P.					11.48 11.49 10.18 7	
			3 56	15 09 14 09	4 6	10.4 ✓
71+50	14+41			(15.0)	4 6	10.4 ✓
72+00	14+91				5 1	9.9 ✓
	15+19.80					
P.I. 72+28.51	P.I. #5				5.4	9.6 ✓
B.m. #5					4 50	10.55 10.57 9.54 # 5
			3 47	14.01		

RETURN TO
RURAL WORKS
DEPT.
CAMP CAMPUS
SOUTH CAROLINA

SUBJECT

WEATHER
CLEAR
CLOUDY
Hazy
FOG
RAIN
SNOW
MIST
THUNDER
STORM
OTHER

FILE NO.
DATE
BY
CHECKED BY
DATE

STATION

DATE

TIME

WIND

TEMP

REL. HUM.

SEA LEVEL

BAROMETER

WIND DIRECTION

WIND VELOCITY

WIND FORCE

WIND STATE

WIND CHARACTER

WIND DURATION

WIND FREQUENCY

WIND PERIOD

WIND RANGE

WIND VARIATION

WIND FLUCTUATION

WIND TENDENCY

WIND CHARACTERISTICS

WIND BEHAVIOR

WIND ACTION

WIND EFFECT

WIND INFLUENCE

WIND IMPACT

WIND CONSEQUENCE

WIND RESULT

WIND EFFECTS

WIND IMPACTS

WIND CONSEQUENCES

WIND RESULTS

WIND EFFECTS

WIND IMPACTS

WIND CONSEQUENCES

WIND RESULTS

WIND EFFECTS

WIND IMPACTS

WIND CONSEQUENCES

WIND RESULTS

VALUABLE

SUBJECT _____

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

FIELD PARTY

IN CHARGE

INSTRUMENT

NOTES

TAPE READ

TAPE OR ROD

TAPE OR ROD

INSTRUMENT NO.

TAPE NO.

WEATHER

CLEAR
CLOUDY
RAIN
FAIR
SNOW
HOT
MODERATE
COLD
FOG
FIGURED BY _____
NOTES CHECKED BY _____
PLOTTED BY _____

FILE No. _____

FLDR. No. _____

SHEET 5 of

DATE _____ 19__

Quad. No. _____

STATION	DIST.	ANGLE " "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION	
73+00	Sta. 15+91			14.0)	4.6	9.4	✓
73+67	16+58			(14.0)	3.6	10.4	✓
73+75	16+66				4.2	9.8	✓ & CART RD
74+00	16+91				4.0	10.0	✓
74+33	17+24				6.2	7.8	✓
74+44	17+35				8.1	5.9	✓ BANK
74+57	17+48				11.5	2.5	✓ EDGE SWAMP BORING # 9
74+80	17+71				12.2	1.8	✓
75+00	17+91				12.9	1.1	✓
T. P.				730 9 68	11.63	2.345 2.38	✓
75+29	18+20			(9.7)	7.9	1.8	✓ EDGE CK.
75+30	18+21				10.0	-0.3	✓ IN CK
75+51	18+42				9.7	0.0	✓ IN CK
75+52	18+43				7.2	2.5	✓ EDGE CK.
75+62	18+53				6.2	3.5	✓
75+79	18+70				3.0	6.7	✓

74+57 TO
76+00
CREEK
SWAMP AREA

VALUABLE

SUBJECT _____

RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

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	
25+90		Sta. 18+81		9 67 (9.7)	5 2	4 5	
26+00		18+91			6 4	3 3	
P.I. 25+117		19+09.08 P.I. #6			5 9	3 8	
B.m. #6					4 35	5.32 10	Use 5.36
				C 44 11 76			
26+28		19+19		(11.8)	6.8	5 0	
26+50		19+41			5 9	5 9	
27+00		19+91			4 4	7 4	
27+50		20+41			3 5	8 3	
28+00		20+91			3 5	8 3	
T.P.					2 76	9.00 9.02	
28+50		21+41	3 20	12 20 (12.2)	3 7	8 5	
29+00		21+91			2 6	9 6	
29+25		22+16			2 7	9 5	
29+50		22+41			3 1	9 1	
30+00		22+91			4.9	7.3	

76+30 TO
 92+35
 THICK GROWTH
 PINE 10" TO 16"
 THICK GROWTH
 UNDER BRUSH

STATION
DATE
TIME
WIND DIRECTION
WIND FORCE
WIND VELOCITY
WIND VELOCITY
WIND VELOCITY

STATION
DATE
TIME
WIND DIRECTION
WIND FORCE
WIND VELOCITY
WIND VELOCITY
WIND VELOCITY

FIELD PARTY
IN CHARGE
INSTRUMENTS
WINDS
TAPES
TAPES
TAPES OR ROPS
TAPES OR ROPS

WEATHER
CLEAR
CLOUDY
WINDY
RAIN
FOG
THUNDER
HAIL
MIST
SMOG
DRIZZLE
ICE
SNOW
SLEET
OTHER

THE NO.



VALUABLE

SUBJECT _____

 RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

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. _____

FLDR. No. _____

SHEET 7 of
 FIGURED BY _____
 NOTES CHECKED BY _____
 PLOTTED BY _____

DATE _____ 19__

Quad. No. _____

STATION	DIST.	ANGLE " "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION	
				12 20			
80+30	Sta. 23+21			(12.2)	5 5	6 7	✓
80+50	23+41				6 6	5 6	✓
80+78	23+69				6 7	5 5	✓
81+00	23+91				5 1	7 1	✓
81+13 34	24+04.63 P.I. # 7				4 2	8 0	✓
B.M. # 7					6.73	5.47	Use 5.50 # 5
			11 24	16 71			
81+50	24+41			(16.7)	6 7	10 0	
81+78	24+69				4 5	12 1	
82+00	24+91				2.1	14 6	✓
T.P.					0 07	16.66 16 64	13
			9 33	25 97			
82+50	25+41			(26.0)	8 0	18 0	
83+00	25+91				5 6	20 4	✓
83+50	26+41				4 7	21 3	✓
84+00	26+91				3 8	22 2	✓

RE MISSION TO
PUBLIC WORKS
CAMP LEONARD
NORTH CAROLINA

STATION
DATE

ANGLE

STARTING DATE

H. I. VES. ANG.

INSTRUMENT NO.
TAP NO.

TAP ON ROAD
DATE OF ROAD

TAP READ

NOTE

IN CHARGE

WIND PARTY

COVER

MEASURED BY

DATE

WATER

CLEAR

NOT

RECORDED BY

DATE

WIND

NO.

WIND

WIND

FILE NO.

FILE NO.

FILE NO.

VALUABLE

SUBJECT _____

 RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

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. _____
 FLDR. No. _____
 SHEET 8 of
 DATE _____ 19__

FIGURED BY _____
 NOTES CHECKED BY _____
 PLOTTED BY _____
 Quad. No. _____

STATION	DIST.	ANGLE " +	H. I. BEARING	VER: ANG. DIFF.	ELEVATION		
Sta. 84+25	27+17		25 97 (26.0)	4 1 21 9	✓		⊕ CART RD.
P.O.T. 84+47	27+38			4.0 22 0 22.155	✓		
T.P.		0 04	22 17	3 84 22.13	✓		
84+73	27+64		(22.2)	1 7 20 5	✓		
85+00	27+91			5 3 16 8 9	✓		
85+15	28+06			8 4 13 8	✓		
85+33	28+24			12 2 10 0 9.675	✓		
T.P.		0 88	10 53	12 52 9.65	✓		
85+55	28+46		(10.5)	2 9 7 6	✓		
85+68	28+59			4 7 5 8	✓		BORING
86+00	28+91			5 0 5 5	✓		
86+50	29+41			5 2 5 3	✓		
86+71	29+62			5 2 5 3	✓		
87+00	29+91			6.0 4.5 5.365	✓		
T.P.		5 25	10 59	5 19 5.34	✓		

REAR

TO BE USED FOR
REAR VIEW
MOUNTING
OF LIGHTS

STATION DIST

ANGLE

BEARING

WHEEL

AXLE

APPROXIMATE
LOCATION

TYPE OF
ROAD

NAME OF
ROAD

IN CHARGE

FIELD PARTY

WEATHER

LOCATION BY

DATE

TIME

WIND

TEMP

MOON

CLOUDS

VALUABLE

SUBJECT _____

RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

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	
87+50		Sta. 30+41		10 59 (10.6)	5 8	4 8	✓ BORING
87+78		30+69			4 7	5 9	✓
88+00		30+91			4 0	6 6	
88+35		31+26.54 P.I. #8			2 8	7 8	✓ Use
B.M. #8					4 28	37	17 #
			6 17	12 48			
88+50		31+41		(12.5)	4 8	7 7	✓
89+00		31+91			5 2	7 3	✓
89+50		32+41			5 6	6 9	✓
T.P.					3 02	9 46	18
			4 97	14 40			
90+00		32+91		(14.0)	6 8	7 6	✓
90+50		33+41			5 4	9 0	✓
91+00		33+91			4 4	10 0	
91+25		34+16			4 1	10 3	✓
91+47		34+38			4 8	9.6	✓

STATION
DATE
TIME
LATITUDE
LONGITUDE
ELEVATION

STATION DATE TIME LATITUDE LONGITUDE ELEVATION

FIELD PARTY
LEADER
MEMBERS
DATE
TIME
LATITUDE
LONGITUDE
ELEVATION

WEATHER
TEMPERATURE
WIND
HUMIDITY
CLOUDS
PRECIPITATION
VISIBILITY

WIND DIRECTION
WIND VELOCITY
WIND FORCE
WIND STATE
WIND EFFECT

VALUABLE

SUBJECT _____

 RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

FIELD PARTY

 _____ IN CHARGE
 _____ INSTRUMENT
 _____ NOTES
 _____ TAPE READ
 _____ TAPE OR ROD
 _____ TAPE OR ROD
 _____ INSTRUMENT NO.
 _____ TAPE NO.

WEATHER

 CLEAR
 CLOUDY
 RAIN
 FAIR
 SNOW
 HOT
 MODERATE
 COLD
 FOG

FILE No. _____

FLDR. No. _____

FIGURED BY _____

NOTES CHECKED BY _____

PLOTTED BY _____

SHEET 10 of

DATE _____

19__

Quad. No. _____

STATION	DIST.	ANGLE " +	H. I. BEARING	VER: ANG. DIFF.	ELEVATION	
91+74		572.0 34+6543 P.I. #9	1440 (1A.4)	58	86 1.38	
B.m. #9				505	935	Use P.I. 9.37
			4361371 (13.7)			
92+00	34+91			49	88	✓
92+50	35+41			48	89	✓
93+00	35+91			53	84	✓
93+50	36+41			50	87	✓
94+00	36+91			63	74	✓
T.P.				554	8.205 8.17	20
			7681585 (15.9)			
94+28	37+19			89	70	✓ BORING
94+43	37+34			84	7.5 5.5	✓
94+55	37+46			73	86	✓
94+68	37+59			68	91	✓ E CART Rd.
94+75	37+66			62	97	✓
95+00	37+91			44	113	✓

STATION
DIST
RANGE
MILES
TO
RETURN TO
MOUNTAIN
OFFICE
MOUNTAIN
CAROLINA

STATION DIST RANGE MILES TO RETURN TO MOUNTAIN OFFICE MOUNTAIN CAROLINA

FIELD PARTY
IN CHARGE
INSTRUMENT
NOTE
LEAVE READ
DATE OF RPT
DATE OF TRIP
INUMENT NO
TABLE

WEATHER
CLEAR
CLOUDY
WINDY
MOORING
FOG
MIST
RAINY
OTHER

FILE NO
DATE

VALUABLE

SUBJECT _____

 RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

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. _____
 FLDR. No. _____
 SHEET 16 of
 DATE _____ 19__

FIGURED BY _____
 NOTES CHECKED BY _____
 PLOTTED BY _____
 Quad. No. _____

STATION	DIST.	ANGLE ' "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION	
	38+19.16			15 85			
P.I. #10	95+27.82	P.I. #10		(15.9)	3 8	12 1	✓
B.M. #10					0 68	15.205 15 17	Use 15.20
			1 94	17.11			
96+00	38+91			(17.1)	4.1	13 0	✓
96+50	39+41				3 6	13 5	✓
97+00	39+91				3 4	13 7	✓
97+35	40+26				3 6	13 5	✓ EDGE CLEARING POWER LINE
97+37	40+28						102' RT. P.P. # C-100
T.P.					2 95	^{14.195} 14.16	22
			2 89	17 05			
97+71	40+62			(17.1)	4 4	12 7	✓ OVERHEAD POWER LINE
98+00	40+91				4 8	12 3	✓ EDGE CLEARING
98+50	41+41				4 7	12 4	✓
98+94 ²⁰	41+85.99 New = P.I. #11 Old.				5 4	11 5	✓
B.M. #11					5 47	11.58 11.62	Use (18.48) Changed 6/12/58
			7 43	19.01			
Med. U.S.N. #17					0 57	18 44	18.48

98+00 TO
 98+94²⁰ THICK
 UNDER BRUSH
 MED. GROWTH
 OAKS AND PINES
 10" TO 16"

TABLE
FIELD NO.
DATE
CAMP ELEVATION
NORTH CAROLINA

SUBJECT

FIELD PARTY
IN CHARGE
IN CHARGE
NOTES
TAPES READ
TAPES ON ROB
TAPES ON ROB
TAPES ON ROB
TAPES ON ROB

WEATHER
CLEAR
CLOUDY
WINDY
RAIN
FOG
THUNDER BY
HOURS
DATE

FIELD NO.

DATE

STATION DATA
ANGLE
HEADING
DIST.
H. I. V. AND ELEVATION

WEST

100

100

100

Faint handwritten notes and data entries, including station numbers and measurements, covering the right half of the page.

VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT Profile on Proposed
Capertown Housing sewer

FIELD PARTY

Kelly 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 _____ SHEET 1
NOTES CHECKED BY _____
PLOTTED BY _____ DATE 8-29-56

FILE No. _____

FLDR. NO. _____

Quad. No. _____

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

B.M.

0.65 19.19 ✓

18.54

18.48 MON. # 17

Revalued June 1958 - Dillon

4.06 16.26 ✓

6.99 ~~12.28~~ OK

1 Nail in 6" Holly tree 25 ft. T.
of sta 98+00

Grade on
500 600 700

P.I. 96+4.70 For Profile Back 9.8 ✓

Left sta.

E Woods Rd.

~~97+~~ ~~+107~~ ~~+128~~ ~~+150~~ ~~98+~~ ~~+50~~
Sewer ~~Profile~~
Line 98+44.70 ~~Profile~~

5.5 10.8 ✓

5.0 11.3 ✓

4.5 11.8 ✓

4.7 11.6 ✓

6.7 9.6 ✓

5.2 11.1 ✓

4.4 11.9 ✓

3.69 12.57 .0025

3.45 16.02 ✓

2 12.515

Medium Heavy
Light Woods
Underbrush.

12.285

4.7 11.3 ✓

6.4 9.6 ✓

6.7 9.3 ✓

4.6 11.4 ✓

3.2 12.8 ✓

3.9 12.1 ✓

6.2 9.8 ✓

4.5 11.5 ✓

3.68 12.34 .00375

5.88 18.22 ✓

4.4 13.8 ✓

4.1 14.1 ✓

4.1 14.1 ✓

4.7 13.5 ✓

103+ 45+91
+50 46+41
104+ 46+91

P.I. 104+39.58 = 47+30.87 New

6.19 2.19 8.19

STATION
DATE
TIME
OFFICER
REMARKS

STATION
DATE
TIME
OFFICER
REMARKS

WIND DIRECTION
WIND VELOCITY
TEMPERATURE
RELATIVE HUMIDITY
SEA STATE
VISIBILITY
CLOUDS
PRESSURE
WAVE HEIGHT
ICE
REMARKS

WEATHER
SEA STATE
WIND DIRECTION
WIND VELOCITY
TEMPERATURE
RELATIVE HUMIDITY
SEA STATE
VISIBILITY
CLOUDS
PRESSURE
WAVE HEIGHT
ICE
REMARKS

VALUABLE

SUBJECT sewer Profile contd.

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

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 ✓

DATE 8-29 1956

Quad. No. _____

STATION	DIST.	ANGLE " "	+	H. I. BEARING	VER. ANG. DIFF.	ELEVATION	Grade
104+50	47+41			18.22 18.2	5.4	12.8	6.19 " 8.19
105+	47+91				7.0	11.2	
750	48+41				6.7	11.5	
174	48+65				6.1	12.1	
106+	48+91				6.5	11.7	
T.P.					5.63	12.59	12.54 .005 4
			2.68	15.27			
106+50	49+41			15.3	5.9	9.4	
107+	49+91				5.6	9.7	
150	50+41				4.4	10.9	
P.I. 107+79.58	50+70.87	#10			3.7	11.6	
<u>B.M.</u> (T.P.)					1.87	13.40	Elev. 13.35 6/7/58 5 (NEW) NAIL IN 8" PINE TREE 35' L/T. 5+2.70870
			2.06	15.46		10.8	
108+	50+91				4.7	11.8	
130	51+23	Edge clearing			4.1	11.4	E woods Rd.
150	51+41				5.3	10.2	
192	51+83				3.1	12.4	Edge Clearing
109+	51+91				2.7	12.8	
114	52+05				5.0	10.5	
140	52+31				8.8	6.7	
170	52+63				11.4	4.1	
184	52+75				8.43	7.55	52+75 ON HUB P.O.T. 109+68.64
T.P.			6.64	13.67			

STATION DIS. ANGLE. BEARING. DIST. FROM ANGLE. DATE. TIME. NAME OF OBSERVER. NAME OF VESSEL. POSITION. COURSE. SPEED. WIND DIRECTION. WIND FORCE. SEA STATE. WEATHER.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.



01444
 01720

VALUABLE

SUBJECT Profile on sewer line
contd.

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

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. _____

FLDR. No. _____

FIGURED BY _____ SHEET 3

NOTES CHECKED BY _____

PLOTTED BY _____ DATE 8-30 1956

Quad. No. _____

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER: ANG.
DIFF. | ELEVATION |
|------------------------------------|-------------------|----------------|---|------------------|--------------------|-----------|
| | | | | 13.67 | ✓ | |
| 110+ | 52+91 | | | 13.7 | 11.0 | 2.7 ✓ x |
| 110+05 | 52+96 | | | | 11.6 | 2.1 ✓ x |
| 110+08 | 52+99 | | | | 12.6 | 1.1 ✓ x |
| 110+15 | 53+06 | | | | 12.5 | 1.2 ✓ x |
| 110+17 | 53+08 | | | | 11.7 | 2.0 ✓ x |
| 110+26 | 53+17 | | | | 10.5 | 3.2 ✓ x |
| +37 | 53+28 | | | | 9.8 | 3.9 ✓ x |
| +44 | 53+35 | | | | 8.4 | 5.3 ✓ x |
| +50 | 53+41 | | | | 7.5 | 6.2 ✓ x |
| +67 | 53+60 | | | | 4.9 | 8.8 ✓ x |
| P.O.T. 110+79.58 | P.O.T. | | | | 3.7 | 10.0 |
| 111+ | | | | | 2.9 | 10.8 |
| +50 | | | | | 2.5 | 11.4 |
| +70 | | | | | 2.9 | 9.8 |
| 112+ | | | | | 5.1 | 8.6 |
| +40 | | | | | 7.4 | 6.3 |
| +66 | | | | | 6.3 | 7.4 |
| +84 | | | | | 4.5 | 9.2 |
| 113+ | | | | | 4.1 | 9.6 |
| T.P. | | | | | 3.26 | 10.41 |
| | | | | 10.43 | 20.84 | |
| +29 | | | | | 10.0 | 10.8 |
| +40 | | | | | 10.3 | 10.5 |
| +50 | | | | | 8.2 | 12.6 |
| 114+ | | | | | 5.0 | 15.8 |
| P.O.T. 114+24.53 (T.P.) | | | | | 2.77 | 17.94 |
| | | | | 10.42 | 28.36 | |

BANK
Bottom creek
Bottom "
BANK

on Hub

VALLEY
STATION
DATE
TIME
WIND
TEMP
HUMIDITY
PRESSURE
SEA LEVEL

STATION
DATE
TIME
WIND
TEMP
HUMIDITY
PRESSURE
SEA LEVEL

WIND PARTY
WIND DIRECTION
WIND FORCE
WIND VELOCITY
WIND STATE
WIND CHARACTER
WIND QUALITY
WIND COLOR
WIND TASTE
WIND SMELL
WIND SOUND
WIND TOUCH
WIND TASTE
WIND SMELL
WIND SOUND
WIND TOUCH

WEATHER
CLEAR
PARTLY CLEAR
CLOUDY
MIST
FOG
SMOKE
DUST
SAND
RAIN
SLEET
SNOW
ICE
HAIL
DRIZZLE
MIST
FOG
SMOKE
DUST
SAND
RAIN
SLEET
SNOW
ICE
HAIL
DRIZZLE

FILE NO.
PAGE NO.
DATE
TIME
WIND
TEMP
HUMIDITY
PRESSURE
SEA LEVEL



VALUABLE
 SUBJECT Profile contd.

 RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

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 1
 DATE 8-30-1956

Quad. No. _____

| STATION | DIST. | ANGLE
" " | + | H. I.
BEARING | VER: ANG.
DIFF. | ELEVATION |
|---------------------------|--------|--------------|---|------------------|--------------------|------------------|
| 118+60 | | | | 28.56 | 7.3 | 11.1 |
| +70 | | | | 28.4 | 5.7 | 22.7 |
| 115+ | | | | | 4.8 | 23.0 |
| +50 | | | | | 4.0 | 24.4 |
| 116+ | | | | | 4.4 | 24.0 |
| +50 | | | | | 4.9 | 23.5 |
| 117+ | | | | | 4.9 | 23.5 |
| P.T. 117+17.58 | | | | | 4.65 | 23.71 |
| T.O.M. | | | | 6.86 | 13.89 | |
| 1170 | 53+91 | | | | 2.7 | 11.2 |
| P.T. 54+14.29 | (T.P.) | | | | 2.43 | 11.46 |
| 111+50 | | | | | 5.3 | 13.6 |
| +75 | | | | | 4.7 | 13.2 |
| 112+ | | | | | 5.5 | 12.0 |
| +50 | | | | | 4.8 | 10.8 |
| +60 | | | | | 6.9 | 11.0 |
| 113+ | | | | | 5.2 | 12.7 |
| +50 | | | | | 3.6 | 14.3 |
| P.T. 113+23.50 | T.P. | | | | 1.57 | 16.28 |
| 114+ | | | | 7.31 | 23.59 | |
| +35 | | | | | 7.5 | 16.1 |
| +60 | | | | | 6.7 | 16.9 |
| 112+ | | | | | 5.7 | 17.9 |
| | | | | | 4.6 | 19.0 |

on hub o.k. for ground shot

Hub - P.O.T. 109+68.64

o.k. for ground shot

o.k. for ground shot

VALUABLE

SUBJECT Profile cont'd.

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

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

DATE 8-30 1956

Quad. No. _____

| STATION | DIST. | ANGLE
" + | H. I.
BEARING | VER: ANG.
DIFF. | ELEVATION |
|-------------------|-------|-----------------|------------------|--------------------|-----------------|
| 115+50 | | | 23.59 | 4.0 | 19.6 |
| 116+ | | | 23.6 | 4.0 | 19.6 |
| P.I. 116+ | 35.28 | T.B.M. | | 4.93 | 18.66 |
| 116+50 | | 7.49 | 26.15 | 6.5 | 19.7 |
| 117+ | | | | 5.5 | 20.7 |
| +50 | | | | 5.4 | 20.8 |
| 118+ | | | | 5.1 | 21.1 |
| +50 | | | | 4.7 | 21.5 |
| 119+ | | | | 3.3 | 22.9 |
| +50 | | | | 3.0 | 23.2 |
| 120+ | | | | 1.7 | 24.5 |
| P.I. 120+ | 30.00 | (T.P.) | | 1.77 | 24.36 |

Void

ON Hub - OK for ground shot

ON Hub - OK for ground shot

STATION
DATE
TIME

STATION
DATE
TIME
ELEVATION
DIRECTION
WIND
TEMPERATURE
RELATIVE HUMIDITY
PRESSURE
SEA LEVEL

FIELD PARTY
IN CHARGE
INSTRUMENT
DATE
TIME
TYPED BY
CHECKED BY
DATE

WEATHER
CLEAR
CLOUDY
FOG
RAIN
SNOW
MIST
THUNDER
HAIL
CALM
WINDY
BREEZY
STORMY

WIND NO.
WIND DIRECTION
WIND VELOCITY
WIND FORCE



VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT

*Profile on capelart
Housing sewer location*

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 _____

FILE No. _____

FLDR. No. _____

FIGURED BY _____

SHEET 5

NOTES CHECKED BY _____

PLOTTED BY _____

DATE 5-31 1956

Quad. No. _____

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER: ANG.
DIFF. | ELEVATION | |
|---------------------------|----------|----------------|---|------------------|--------------------|--------------------------|---|
| T.B.M. | | | | | | | |
| P.T. 111+23.00 | 54+14.29 | | | 6.02 17.48 | ✓ | 11.46 11.415 | ? on hub P.I. # 11 Sta. 111+23.00 54+14.29 |
| 111+50 | 54+41 | | | | | 5.0 12.5 | ✓ X |
| 112+00 | 54+91 | | | | | 3.8 13.7 | ✓ X |
| +38 | 55+29 | | | | | 2.6 14.9 | ✓ X |
| +50 | 55+41 | | | | | 2.9 14.6 | ✓ X |
| 113+00 | 55+91 | | | | | 6.8 ^{10.7} 9.7 | ✓ X |
| +44 | 56+35 | | | | | 8.7 8.8 | ✓ X |
| +59 | 56+50 | | | | | 9.9 7.6 | ✓ X |
| +74 | 56+65 | | | | | 6.7 10.8 | ✓ X |
| +88 | 56+79 | | | | | 2.6 14.9 | ✓ X |
| 113+91.65 | 56+82.94 | | | | | 2.0 15.5 | ✓ P.I. # 12 |
| T.P. | | | | | | 1.9 ^{5.2} 15.57 | ✓ +.01 8 on hub P.I. # 12 56+82.94 113+91.65 |
| | | | | 2.79 18.30 | ✓ | | |
| 114+7 | 56+91 | | | | | 2.5 15.8 | ✓ X |
| +50 | 57+41 | | | | | 1.2 17.1 | ✓ X |
| +82 | 57+73 | | | | | 3.0 15.3 | ✓ X |
| 115+7 | 57+91 | | | | | 6.1 12.2 | ✓ X |
| +18 | 58+09 | | | | | 9.7 8.6 | ✓ X |
| +25 | 58+16 | | | | | 11.5 6.8 | ✓ X |
| +36 | 58+27 | | | | | 9.8 8.5 | ✓ X |

VALUABLE

SUBJECT

Profile on sewer
cont'd

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

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 6-

DATE 8-31 1956

Quad. No. _____

| STATION | DIST. | ANGLE
" " | + | H. I.
BEARING | VER: ANG.
DIFF. | ELEVATION | | |
|--------------------|-------------------------------|--------------|---|-----------------------|--------------------|------------------------|---|---|
| | | | | 18.30 | ✓ | | | |
| 115 53 | 58+44 | | | | 7.2 | 11.1 | ✓ | x |
| 116 79 | 58+70 | | | | 4.9 | 13.4 | ✓ | x |
| 117 16 | 58+91 | | | | 5.4 | 12.9 | ✓ | x |
| 118 17 | 59+08 | | | | 7.0 | 11.3 | ✓ | x |
| 119 28 | 59+19 | | | | 9.1 | 9.2 | ✓ | x |
| 120 50 | 59+41 | | | | 7.0 | 11.3 | ✓ | x |
| 121 73 | 59+64 | | | | 5.3 | 13.0 | ✓ | x |
| 122 77 | 59+91 | | | | 4.5 | 13.8 | ✓ | x |
| P.I. #13 | 117+53.32 60+44.61 | | | | 3.38 | 14.92 | ✓ | |
| (B.M.) (T.P.) | | | | 4.51 | ✓ | 15.29 | | |
| | | | | 4.67 20.40 | | 15.29 15.44 | | |
| 123 87 | 60+91 | | | | 4.5 | 15.9 | ✓ | x |
| 124 50 | 61+41 | | | | 5.5 | 14.9 | ✓ | x |
| 125 97 | 61+91 | | | | 5.8 | 14.6 | ✓ | x |
| 126 50 | 62+41 | | | | 5.1 | 15.3 | ✓ | x |
| 127 207 | 62+91 | | | | 4.8 | 15.6 | ✓ | x |
| 128 50 | 63+41 | | | | 5.4 | 15.0 | ✓ | x |
| P.I. #14 | 121+44.23 (T.P.) | | | | 5.94 | 14.425 | ✓ | |
| | 63+59.57 | | | 6.57 | | 21.03 | | |
| 129 77 | 63+91 | | | | 6.7 | 14.3 | ✓ | x |
| 130 45 | 64+36 | | | | 6.1 | 14.9 | ✓ | x |
| 131 64 | 64+55 | | | | 8.0 | 13.0 | ✓ | x |
| 132 71 | 64+62 | | | | 9.7 | 11.3 | ✓ | x |
| 133 82 | 64+73 | | | | 7.8 | 13.2 | ✓ | x |
| 134 27 | 64+91 | | | | 6.6 | 14.4 | ✓ | x |
| 135 19 | 65+10 | | | | 5.0 | 16.0 | ✓ | x |
| 136 50 | 65+41 | | | | 4.2 | 16.8 | ✓ | x |
| 137 34 | 65+91 | | | | 5.1 | 15.9 | ✓ | x |
| 138 35 | 66+26 | | | | 7.5 | 13.5 | ✓ | x |

Elev. 15.85
ON Hub - O.K. for ground shot.
+01125
9 NAIL IN 20" WHITE OAK 18' RT. STA. ~~117+80~~ 60+71

10 ON Hub - OK for ground shot

STATION

SUBJECT

DATE

TIME

STATION

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WEATHER

THE BAR

IN CHARGE

CREW

SNOW

MIST

WINDY

RAIN

ICE

SMOKE

FOG

DRIZZLE

THUNDER

HAIL

SUN

CLOUDS

MOON

STARS

PLANETS

COMETS

METEORS

AURORA

HALO

GLAUCIOUS

IRIDISCENT

OPULENT

SCINTILLATING

STELLAR

PLANETARY

COMETARY

METEORIC

AURORAL

HALO

GLAUCIOUS

IRIDISCENT

OPULENT

SCINTILLATING

STELLAR

PLANETARY

COMETARY

METEORIC

AURORAL

HALO

GLAUCIOUS

IRIDISCENT

OPULENT

SCINTILLATING

STELLAR

PLANETARY

COMETARY

METEORIC

AURORAL

HALO

FILE NO.

LOG NO.

DATE

TIME

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VALUABLE

SUBJECT

Profile contd.

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

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*

DATE *8-31* 19*56*

Quad. No. _____

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

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER: ANG.
DIFF. | ELEVATION |
|----------------------|-------|----------------------|------|------------------|--------------------|---|
| | | | | 21.03 | | |
| 123+50 | | 66+41 | | | 9.6 | 11.4 ✓ X |
| +61 | | 66+52 | | | 13.2 | 7.8 ✓ X |
| +74 | | 66+65 | | | 10.2 | 10.8 ✓ X |
| 124+ | | 66+91 | | | 7.7 | 19.3 ✓ X |
| P.I. #15 | | 124+22.79 | | T.B.M. | 6.68 | 14.35 14.315 .01375 |
| | | 67+14.08 | | | | " ON Hub OK for ground shot |
| | | | 3 21 | 17 56 | | |
| 124+50 | | 67+41 | | 17.4 | 3.3 | 14.3 ✓ X |
| 125+00 | | 67+91 | | | 1.9 | 15.7 ✓ X |
| 125+50 | | 68+41 | | | 1.9 | 15.7 ✓ X |
| 125+82 | | 68+73 | | | 4.1 | 13.5 ✓ X BANK OF RAVINE |
| 126+00 | | 68+91 | | | 6.9 | 10.7 ✓ X |
| 126+12 | | 69+03 | | | 9.2 | 8.4 ✓ X BOTTOM OF RAVINE |
| 126+29 | | 69+20 | | | 9.4 | 8.2 ✓ X BOTTOM OF RAVINE |
| 126+50 | | 69+41 | | | 7.4 | 10.2 ✓ X |
| 126+69 | | 69+60 | | | 5.6 | 72.0 ✓ X BANK OF RAVINE |
| 127+00 | | 69+91 | | | 6.0 | 11.6 ✓ X BANK OF RAVINE |
| 127+26 | | 70+17 | | | 7.4 | 10.2 ✓ X |
| 127+37 | | 70+28 | | | 8.4 | 9.2 ✓ X BOTTOM OF RAVINE |
| 127+55 | | 70+46 | | | 8.5 | 9.1 ✓ X BOTTOM OF RAVINE |
| 127+71 | | 70+62 | | | 6.0 | 11.6 ✓ X BANK OF RAVINE |
| 128+00 | | 70+91 | | | 3.5 | 19.1 ✓ X |
| T.P. | | | | | 2.65 | 14.97 14.88 .015 TOP STAKE 128+00 |
| | | | 6.18 | 21.09 | | |
| 128+28 | | 71+19 | | (21.1) | 5.0 | 16.1 ✓ X |
| 128+61.25 | | P.I.#16 | | | 4.2 | 16.9 ✓ X |
| | | 71+52.54 | | | | |
| B.M. | | | | | 2.98 | 18.11 18.08 .01625 |
| | | | | | | 13 NAIL IN. 10' PINE 22.50' RT. P.I.#16 |

Natural Ravine
V shaped Ditch (Can be blocked)
ON Hub OK for ground shot

STATION
DATE
TIME
OFFICE
OFFICER
REMARKS

STATION
DATE
TIME
OFFICE
OFFICER
REMARKS

FILE NO.
TITLE PARTY
THE CHARGE
DESCRIPTION
NOTES
DATE READ
JAMES R. BOB
JAMES R. BOB
JAMES R. BOB

WEATHER
CLEAR
CLOUDY
WINDY
RAINY
FOG
HAIL

FILE NO.
TITLE PARTY
THE CHARGE
DESCRIPTION
NOTES
DATE READ
JAMES R. BOB
JAMES R. BOB
JAMES R. BOB

VALUABLE

SUBJECT _____

RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

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 _____ 19__

Quad. No. _____

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER. ANG.
DIFF. | ELEVATION | | | | |
|----------------------|-------|----------------|------|----------------------|--------------------|----------------------------|---|---|---------|--------|
| | | | | 1 25 19.36
(19.4) | | 18.13
18.08 | | | | |
| 129+00 | | 71+91 | | | 3.2 | 15 2 | ✓ | X | | |
| 129+50 | | 72+41 | | | 5.0 | 14 4 | ✓ | X | | |
| 130+00 | | 72+91 | | | 7.2 | 12 2 | ✓ | X | BANK OF | RAVINE |
| 130+15 | | 73+06 | | | 9.9 | 9.5 | ✓ | X | BOTTOM | " " |
| 130+32 | | 73+13 | | | 9.8 | 9.6 | ✓ | X | " " | " " |
| 130+35 | | 73+26 | | | 7.9 | 11 5 | ✓ | X | BANK | " " |
| 130+50 | | 73+41 | | | 6.6 | 12 8 | ✓ | X | | |
| 131+00 | | 73+91 | | | 3.1 | 14 3 | ✓ | X | | |
| 131+50 | | 74+41 | | | 2.1 | 17.3 | ✓ | X | | |
| 131+86.58 | | = P.I.#17 | | | 2.1 | 17.3 | ✓ | | | |
| 74+77.87 | | | | | 1.74 | 17.52
17.59 | ✓ | | | .0175 |
| T.P. | | | | | | | | | | |
| | | | 4 50 | 22.12
22.12 | | | | | | |
| 132+00 | | 74+91 | | | 5.3 | 16.8 | ✓ | X | | |
| 132+33 | | 75+24 | | | 7.1 | 15 0 | ✓ | X | | |
| 132+49 | | 75+40 | | | 7.2 | 14.9 | ✓ | X | | |
| 132+79 | | 75+70 | | | 5.9 | 16.2 | ✓ | X | | |
| 133+00 | | 75+91 | | | 4.7 | 17 4 | ✓ | X | | |
| 133+50 | | 76+41 | | | 5.0 | 17 1 | ✓ | X | | |
| 134+00 | | 76+91 | | | 4.7 | 17 4 | ✓ | X | | |
| 134+53.5 | | = P.I.#18 | | | 4.9 | 17.2 | ✓ | | | |
| 77+44.44 | | | | | 4.97 | 17.16
17.125 | ✓ | | | .01875 |
| T.P. | | | | | | | | | | |
| | | | 5 07 | 22 22 | | | | | | |
| 135+00 | | 77+91 | | | 5.3 | 16 9 | ✓ | + | | |
| 135+50 | | 78+41 | | | 6.2 | 16 0 | ✓ | + | | |
| 136+00 | | 78+91 | | | 6.3 | 15 9 | ✓ | X | | |
| 136+50 | | 79+41 | | | 5.0 | 17 2 | ✓ | X | | |

BANK OF RAVINE
 BOTTOM " "
 " " "
 BANK " "

13795.10
 13453.5

 341.6

77+44
 134+53.5
 IS TOP HUB

FIELD PARTY
IN CHARGE
DATE
TAP NO.
TAP POSITION
TAP DATE
TAP TYPE
TAP SIZE
TAP LOCATION
TAP COMMENTS
TAP STATUS
TAP OWNER
TAP TYPE
TAP SIZE
TAP LOCATION
TAP COMMENTS
TAP STATUS
TAP OWNER

STATION
DATE
TIME
TAP NO.
TAP POSITION
TAP DATE
TAP TYPE
TAP SIZE
TAP LOCATION
TAP COMMENTS
TAP STATUS
TAP OWNER



VALUABLE

SUBJECT _____

RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

FIELD PARTY

 IN CHARGE

 INSTRUMENT

 NOTES

 TAPE READ

 TAPE OR ROD

 TAPE OR ROD

 INSTRUMENT No. _____
 TAPE No. _____

WEATHER

CLEAR _____
 CLOUDY _____
 RAIN _____
 FAIR _____
 SNOW _____
 HOT _____
 MODERATE _____
 COLD _____
 FOG _____
 FIGURED BY _____
 NOTES CHECKED BY _____
 PLOTTED BY _____

FILE No. _____
 FLDR. No. _____
 SHEET 90A
 DATE _____ 19__

Quad. No. _____

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER. ANG.
DIFF. | ELEVATION | | |
|-------------------|---------|----------------|---|------------------|--------------------|-----------|---|----------|
| | | | | 22 22 | | | | |
| 137+00 | | 79+91 | | | 2 0 | 20 2 | ✓ | X |
| 137+50 | | 80+41 | | | 1 3 | 20 9 | ✓ | X |
| 137+95 | | = P.I. 19 | | | 3 0 | 18 9 | | |
| 80+86.39 | | | | | 19.39 | | | |
| T.P. | | | | 3.22 | 22.49 | | | |
| | | | | | 2 95 | | | |
| | | | | | 19.245 | | | |
| | | | | | 160 N HUB | | | P.I.# 19 |
| | | | | | 18.14 | | | |
| | | | | | 02.125 | | | |
| | | | | 4 33 | | | | |
| | | | | 4 28 | 22 44 | | | |
| | | | | | 22 9 | | | |
| | | | | | 4 33 | 19.0 | ✓ | X |
| 138+00 | 80+91 | | | | 5.1 | 17.3 | ✓ | X |
| 138+50 | 81+41 | | | | 7 6 | 14.8 | ✓ | X |
| 139+00 | 81+91 | | | | 7 8 | 14 6 | ✓ | X |
| 139+20 | 82+11 | | | | 5 6 | 16 8 | ✓ | X |
| 139+47 | 82+38 | | | | 3 5 | 18 9 | ✓ | X |
| 139+67 | 82+58 | | | | 3 48 | 18.96 | ✓ | X |
| T.P. | | | | 6 88 | 25 84 | | | |
| | | | | | 25.8 | | | |
| 140+00 | 82+91 | | | | 4 0 | 21 8 | ✓ | X |
| 140+27 | 83+18 | | | | 3 6 | 22 2 | ✓ | X |
| 140+45 | 83+36 | | | | 4 2 | 21 6 | ✓ | X |
| 140+68 | 83+59 | | | | 6 0 | 19 8 | ✓ | X |
| 140+87 | 83+78 | | | | 7 2 | 18 6 | ✓ | X |
| 141+00 | 83+91 | | | | 7 4 | 18 4 | ✓ | X |
| 141+25 | P.I. 20 | | | | 5 5 | 20.3 | ✓ | X |
| 84+16.83 | | | | 3 90 | | | | |
| | | | | 6 01 | 28 05 | | | |
| | | | | | 3 80 | 22.025 | ✓ | X |
| | | | | | 19 | 02.375 | | |

B.M.

ERAVINE HILL SIDE
 DRAIN →

VALLEY

STATION
DISTANCE
BEARING
ELEVATION

STATION

DISTANCE

BEARING

ELEVATION

TABLE

FIELD PARTY

IN CHARGE

DATE

TIME

PLACE

OBJECT

DESCRIPTION

REMARKS

TABLE

WEATHER

WIND

TEMP

MOON

STAR

PLANET

OTHER

TABLE

TABLE

TABLE

TABLE

TABLE



VALUABLE

SUBJECT _____

RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

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. _____
 FLDR. No. _____
 SHEET 10 of
 DATE _____ 19__

FIGURED BY _____
 NOTES CHECKED BY _____
 PLOTTED BY _____
 Quad. No. _____

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

28 05 ✓
 28.1

| | | | | | | |
|-------------------|--|-------|--|-----|------|-----|
| 141+45 | | 84+36 | | 5 6 | 22.5 | ✓ X |
| 141+70 | | 84+61 | | 4 4 | 23.7 | ✓ X |
| 142+00 | | 84+91 | | 5 2 | 22.9 | ✓ X |
| 142+50 | | 85+41 | | 8 4 | 19.7 | ✓ X |
| 143+00 | | 85+91 | | 6 1 | 22.0 | ✓ X |
| 143+50 | | 86+41 | | 4 3 | 23.8 | ✓ X |
| 144+00 | | 86+91 | | 3 8 | 24.3 | ✓ X |

HILL DRAIN →

T.P.

3 23 28.42

2.86

25.79

25.175
 .025

TOP STAKE

~~144+00~~

| | | | | | | |
|-------------------|--|-------|--|-----|------|-----|
| 144+50 | | 87+41 | | 4.5 | 23.9 | ✓ X |
| 145+00 | | 87+91 | | 4 9 | 23.5 | ✓ X |
| 145+50 | | 88+41 | | 4 1 | 24.3 | ✓ X |
| 146+00 | | 88+91 | | 2 7 | 25.7 | ✓ X |

~~146+25~~ P.O.T. 89+21

1.7

26.2

26.80
 .02625

T.P.

4.88

31.79

1.41

26.91

| | | | | | | |
|---------------------------------|--|----------|--|-----|------|-----|
| 146+50 | | 89+41 | | 4.5 | 27.2 | ✓ X |
| 147+00 | | 89+91 | | 3.9 | 27.8 | ✓ X |
| 147+50 | | 90+41 | | 4 2 | 27.5 | ✓ X |
| 147+50 | | 90+45 | | | | |
| 148+00 | | 90+91 | | 4 6 | 27.1 | ✓ X |
| 148+45 | | 91+36 | | 6 0 | 25.7 | ✓ X |
| 148+77 ³⁰ | | P.I.# 21 | | 7.9 | 23.8 | ✓ |

E WOODS ROAD APPROX. 12'

91+68.59

11

REVENUE
STATE OF
NEW YORK
OFFICE OF
THE COMPTROLLER

SECTION
DATE

NO.

BEARING

AND
LOCATION

TAXPAYER'S NO.

TAXPAYER'S NAME

PROPERTY

DATE

TAXPAYER'S

ADDRESS

CITY

STATE

IN CHARGE

NAME

ADDRESS

CITY

FIRST PART

WEATHER

FILE NO.

VALUABLE

SUBJECT _____

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

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 | | |
|----------|----------|----------------|---|-----------------------------------|--|--|----|--|
| (B.m.) | | | | 31 ⁶⁹
77 | 6 91 | 21.72 ^{24.77}
.0275 | 22 | NAIL IN 16" PINE 25" RT. STA. ⁹¹⁺⁶¹
11770 |
| | | | | 2 93 | 27.71 | | | |
| 149100 | 91+91 | | | 5 5 | 22.2 | ✓ | X | |
| 149127 | 92+18 | | | 5 6 | 22.1 | ✓ | X | (HILL SIDE DRAIN →) |
| 149150 | 92+41 | | | 4 8 | 22.9 | ✓ | X | |
| 150108 | 92+91 | | | 3 4 | 24.3 | ✓ | X | |
| 150150 | 93+41 | | | 4 0 | 23.7 | ✓ | X | |
| 150181 | 93+72 | | | 5 2 | 22.5 | ✓ | X | |
| 151100 | 93+91 | | | 7 2 | 20.5 | ✓ | X | |
| 151113 | 94+04 | | | 8 5 | 19.2 | ✓ | X | |
| 151125 | 94+16 | | | 8.8 | 18.9 | ✓ | X | HILL SIDE DRAIN → |
| 151140 | 94+31 | | | 8 0 | 19.7 | ✓ | X | |
| 151151 | 94+42 | | | 6 6 | 21.1 | ✓ | X | |
| 151170 | 94+61 | | | 6 1 | 21.6 | ✓ | X | |
| 151173.2 | P.I.# 22 | | | 7.3 | 20.4 | ✓ | X | |
| 94+84.59 | T.P. | | | 7.24 | 20.45 ^{20.445}
.02875 | ✓ | 23 | TOP HUB P.I.# 22 |
| | | | | 4 66 | 25.11 | ✓ | | (25.1) |
| 152100 | 94+91 | | | 5 2 | 19.9 | ✓ | X | |
| 152117 | 95+08 | | | 6 4 | 18.7 | ✓ | X | |
| 152132 | 95+23 | | | 7 6 | 17.5 | ✓ | X | |
| 152151 | 95+42 | | | 7 8 | 17.3 | ✓ | X | |
| 152176 | 95+67 | | | 5 6 | 19.5 | ✓ | X | |
| 153106 | 95+91 | | | 3 5 | 21.6 | ✓ | X | |
| 153136 | 96+27 | | | 4 3 | 20.8 | ✓ | X | |
| 153150 | 96+41 | | | 5 5 | 19.6 | ✓ | X | |
| 153173 | 96+64 | | | 6 0 | 19.1 | ✓ | X | |
| 154100 | 96+91 | | | 5 3 | 19.8 | ✓ | X | |

STATION
DIST
DATE
TIME
REMARKS

WATER
WIND
TEMP
PRESS
HUMIDITY
DIRECTION
SPEED
STATE



VALUABLE

SUBJECT _____

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

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. _____

FLDR. No. _____

SHEET 12 of

FIGURED BY _____

NOTES CHECKED BY _____

PLOTTED BY _____

DATE _____

19__

Quad. No. _____

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER. ANG.
DIFF. | ELEVATION | | |
|--|----------------|----------------|---|----------------------|--------------------|-----------|---------------|---|
| 154+40.25
97+32.21
T.P. | P.I.# 23 | | | 25 11 ✓ | 3 8 | 21.3 ✓ | | |
| | | | | | 3 7 | 21.2 ✓ | 21.315
.03 | 24 TOP HUB P.J.# 23 |
| | | | | 3 07 24 39
(24.9) | | 20.5 | | |
| 154+67
+83 | 97+58
97+74 | | | | 3 9 | 21.5 ✓ | X | |
| 155+00 | 97+91 | | | | 6 8 | 17.6 ✓ | X | |
| 155+18 | 98+09 | | | | 11 0 | 13.4 ✓ | X | |
| 155+52 | 98+43 | | | | 12 3 | 12.1 ✓ | X | |
| 155+74 | 98+65 | | | | 12 5 | 14.7 ✓ | X | |
| 155+90 | 98+81 | | | | 6 8 | 17.6 ✓ | X | |
| 156+00 | 98+91 | | | | 4 2 | 20.2 ✓ | X | |
| 156+28 | 99+19 | | | | 2 9 | 21.5 ✓ | X | |
| 156+55 | 99+46 | | | | 1 8 | 22.6 ✓ | X | |
| 156+79 | 99+70 | | | | 3 3 | 21.1 ✓ | X | |
| 157+00 | 99+91 | | | | 3 7 | 20.7 ✓ | X | |
| 157+04.24
99+95.53 | P.I.-24 | | | | 3 3 | 21.2 ✓ | X | 21.29
.03125 |
| | | | | 5 26 26.55
(24.9) | 3 10 | 21.29 ✓ | X | 25 T.P. TOP HUB P.I.# 24 |
| 157+50 | 100+41 | | | | | 22.7 ✓ | X | |
| 158+00 | 100+91 | | | | 3 9 | 22.7 ✓ | X | |
| 158+50 | 101+41 | | | | 4 8 | 21.8 ✓ | X | |
| 159+00 | 101+91 | | | | 3 3 | 23.3 ✓ | X | |
| 159+50 | 102+41 | | | | 2 9 | 23.7 ✓ | X | |
| 159+60.21
102+60.30
T.P. | P.I.# 25 | | | | 3 6 | 23.0 ✓ | X | |
| | | | | | 3 8 | 22.8 ✓ | X | |
| | | | | 0 65 25 14 | 2 06 | 24.29 ✓ | 24.49
26 | |
| (B.m.) | | | | | 5 03 | 20.11 ✓ | 27 | NA 1/2 IN 12" GUM. 15' RT. STA. 159+54 102+45 |

VALUABLE

SHIPPED

FIELD PARTY

WEATHER

FIELD NO.

DATE

TIME

LOCATION

NAME

NO.

NO.

DATE

TIME

LOCATION

NAME

NO.

NO.

DATE

TIME

LOCATION

NAME

NO.

NO.

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

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REMARKS

REMARKS

VALUABLE

SUBJECT _____

RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

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. _____

FLDR. No. _____

FIGURED BY _____

NOTES CHECKED BY _____

PLOTTED BY _____

SHEET 13 of

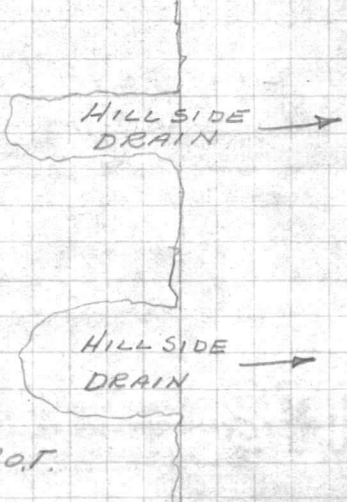
DATE _____

19__

Quad. No. _____

| STATION | DIST. | ANGLE
" " | + | H. I.
BEARING | VER: ANG.
DIFF. | ELEVATION | | |
|----------------------|---------------|--------------|------|------------------|--------------------|---------------------------|---|----------------------|
| B.M. | | | 4.98 | 25.09
(25.1) | ✓ | 20.14
20.11 | | 15' RT. |
| 140+00 | 102+91 | | | 4.3 | 20.8 | ✓ | X | |
| +31 | 103+22 | | | 4.1 | 21.0 | ✓ | X | |
| +50 | 103+41 | | | 3.1 | 22.0 | ✓ | X | |
| +70 | 103+61 | | | 1.7 | 23.4 | ✓ | X | |
| 141+00 | 103+91 | | | 2.6 | 22.5 | ✓ | X | |
| +38 | 104+29 | | | 5.8 | 19.3 | ✓ | X | |
| +50 | 104+41 | | | 6.0 | 19.1 | ✓ | X | |
| 142+00 | 104+91 | | | 6.1 | 19.0 | ✓ | X | |
| 142+26.74 | P.I. # 25 | | | 6.1 | 19.0 | ✓ | X | |
| 105+18.05 | | | | 6.03 | 19.0 | ✓ | X | 28 TOP HUB P.I. # 25 |
| T.P. | | | 7.71 | 26.77
26.8 | ✓ | 19.0
19.035 | | |
| 162+50 | 105+41 | | | 5.0 | 21.8 | ✓ | X | |
| +69 | 105+60 | | | 3.5 | 23.3 | ✓ | X | |
| +88 | 105+79 | | | 5.4 | 21.4 | ✓ | X | |
| 163+00 | 105+91 | | | 6.6 | 20.2 | ✓ | X | |
| +17 | 106+08 | | | 6.9 | 19.9 | ✓ | X | |
| +45 | 106+36 | | | 4.2 | 22.6 | ✓ | X | |
| +73 | 106+64 | | | 3.5 | 23.3 | ✓ | X | |
| 164+00 | 106+91 | | | 6.3 | 20.5 | ✓ | X | |
| +58 | 107+29 | | | 8.7 | 18.1 | ✓ | X | |
| +71 | 107+62 | | | 11.3 | 15.5 | ✓ | X | |
| 165+00 | 107+91 | | | 9.4 | 17.4 | ✓ | X | |
| 165+38.55 | P.O.T. 108+30 | | | 4.3 | 22.3 | ✓ | X | 22.46 ± |
| T.P. | | | 8.22 | 30.68 | ✓ | 22.3
22.36 | | 29 Top Hub P.O.T. |

THICK WOODS
 WITH LARGE TIMBER



VALUABLE

SUBJECT

STATION TO
STATION FROM
DATE

STATION

DATE

CLASS

TYPE

REMARKS

DATE OF ISSUE

ISSUE NO.

DATE

NO.

FORM 77

REMARKS

FIELD NO.

LOCALITY

PLANT

COLLECTOR

DATE

NO.

ISSUE NO.

DATE

NO.

ISSUE NO.

DATE

NO.

ISSUE NO.

DATE

NO.

ISSUE NO.

DATE

NO.

ISSUE NO.

DATE

NO.

ISSUE NO.

DATE

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ISSUE NO.

DATE

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ISSUE NO.

DATE

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ISSUE NO.

DATE

NO.

ISSUE NO.

DATE

NO.

ISSUE NO.

DATE

NO.

ISSUE NO.

DATE

NO.

ISSUE NO.

DATE

NO.

ISSUE NO.

DATE

NO.

49-27.29
48.50

S. R. IN BOSTON 12" 5/4
6' 4" ft. sta. 48+80

B.M. #688- 31.41

B.M. ON STOOP #612
30.56

VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT

47-129
Elev. check from T.B.M.
AT sta. 167+80.83 ON capchart
SEWER TO WELL HOUSE #612

Method

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. 14 A
SHEET 1-071
DATE 10-8 1956

Quad. No. _____

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER: ANG.
DIFF. | ELEVATION | |
|-------------|-------|----------------|---|------------------|--------------------|---------------------------|--|
| T.B.M. | | | | | | 22.44
22.43 | 167+80.83 |
| T.P. | | 4.16 | | 26.59 | | | |
| T.P. | | 4.94 | | 21.23 | 10.30 | 16.29 | 31 |
| T.P. | | 5.90 | | 23.09 | 4.04 | 17.19 | 32 |
| T.P. | | 3.45 | | 21.77 | 4.77 | 18.32 | 33 |
| T.P. | | 11.76 | | 29.43 | 4.11 | 17.66 | 34 |
| T.P. | | 8.49 | | 35.32 | 2.60 | 26.82 | |
| B.M. (T.P.) | | 3.78 | | 35.29 | 3.81 | 31.51 | Elev. 31.525
ON DOOR stoop of well House # 612 |
| T.P. | | 5.03 | | 35.67 | 4.65 | 30.64 | 37 |
| T.P. | | 3.81 | | 34.17 | 5.31 | 30.36 | 38 |
| T.P. | | 4.80 | | 34.01 | 4.96 | 29.21 | 39 |
| T.P. | | 5.02 | | 35.35 | 3.68 | 30.33 | |
| | | | | | 4.50 | 30.85 | B.M. 31.79 (31.84) 40 |
| B.M. | | 3.21 | | 35.05 | | 31.81 | on door stoop well House # 611
Nail in 15" Pine 400'± west of well House # 612
Elev. 31.81 |
| T.P. | | 4.93 | | 35.35 | 4.63 | 30.42 | Revalued 6/12/58 |
| B.M. | | | | | 3.79 | 31.56 | ON door stoop well House # 612 |

Transposed

Revalued 6/12/58

STATION

SUBJECT

STATION NO.
POST OFFICE
COUNTY
STATE

STATION

DIST.

ANGLE

M. I.

BEARING

DIST.

ELEVATION

VERT. ANG.

NO.

STATION

NO.

STATION

STATION

STATION

STATION

STATION

STATION

VALUABLE

SUBJECT _____

RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

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. _____
 FLDR. No. _____
 SHEET 14 of
 DATE _____ 19__

Quad. No. _____

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER. ANG.
DIFF. | ELEVATION |
|-----------|-------|----------------|---|------------------|--------------------|-----------|
| 165+50 | | | | 30.68 | 6.2 | 24.5 ✓ |
| +65 | | | | 30.7 | 4.9 | 25.8 ✓ |
| 166+00 | | | | | 4.9 | 25.8 ✓ |
| +50 | | | | | 4.6 | 26.1 ✓ |
| 166+75.83 | | | | | 4.6 | 26.1 ✓ |
| 167+00 | | | | | 5.4 | 25.3 ✓ |
| +50 | | | | | 6.9 | 23.8 ✓ |
| 167+80.83 | | | | | 8.3 | 22.4 ✓ |
| T.P. | | | | | 8.25 | 22.4 ✓ |
| | | | | 91 | 8.25 | 22.4 ✓ |
| | | | | 5.44 | 27.87 | ✓ |
| 168+00 | | | | | 7.7 | 20.2 ✓ |
| +19 | | | | | 9.5 | 18.4 ✓ |
| +40 | | | | | 8.7 | 19.2 ✓ |
| +63 | | | | | 6.5 | 21.4 ✓ |
| +83 | | | | | 4.7 | 23.2 ✓ |
| 168+75.83 | | | | | 3.9 | 24.0 ✓ |
| 169+00 | | | | | 4.0 | 23.9 ✓ |
| +15 | | | | | 4.4 | 23.5 ✓ |
| +28 | | | | | 6.4 | 21.5 ✓ |
| +47 | | | | | 9.2 | 18.7 ✓ |
| +53 | | | | | 10.3 | 17.6 ✓ |
| +66 | | | | | 11.3 | 16.6 ✓ |
| +77 | | | | | 10.4 | 17.5 ✓ |
| +85 | | | | | 8.7 | 19.2 ✓ |
| 170+00 | | | | | 6.8 | 21.1 ✓ |
| 170+20.83 | | | | | 4.5 | 23.4 ✓ |
| T.P. | | | | | 4.40 | 23.4 ✓ |
| | | | | 594 | 29.4 | ✓ |
| 170+50 | | | | | 5.3 | 24.1 ✓ |
| 171+00 | | | | | 4.8 | 24.6 ✓ |

THICK WOODS
 WITH LARGE TIMBER

TOP HUB P.O.T. Sta 167+80.83

HILLSIDE
 DRAIN →

On Site
 Construction

Sta 169+66
 LONG DRAIN L.T. →

23.52

29.4

VALENTINE
RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEONARD
NORTH CAROLINA

SUBJECT

STATION

Dist.

ANGUL

HEARING

H. T.

Year

ELEVATION

FIELD PARTY
IN CHARGE
INSTRUMENT
DATE
TAPES READ
TAPES ON HAND
TAPES ON FILE
MOUNTING NO.
TYPE NO.

WEATHER
CLEAR
DRY
WINDY
Hazy
High
Low

FIELD No.
DATE
TIME



VALUABLE
 RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

SUBJECT

 Capdiant Sewer
 Soil Borings

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

 CLEAR
 CLOUDY
 WINDY
 RAIN
 FAIR

WEATHER

 SNOW
 HOT
 MODERATE
 COLD
 FOG

FILE No. _____

FLDR. No. _____

SHEET

101

NOTES CHECKED BY _____

PLOTTED BY _____

DATE

1-9

19

57

Quad. No. _____

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

0+0

0.0

Dark Gray Sand

- 1.0

Yellow Sand.

- 1.9

Gray Sand.

- 2.5

(55)

VALLEY

STATION
DIST
ANGLE
BEARING
M
V
L
D
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A
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D
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V
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L
I
N
G

FIELD PARTY

IN CHARGE

MEMBERS

DATE

TIME

PLACE

OBJECT

REMARKS

WEATHER

WIND

TEMP

HUMIDITY

MOON

STAR

PLANETS

OTHER

1112 40



VALUABLE

SUBJECT

Capehart Sewer

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

FIELD PARTY

Mortey

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 _____

NOTES CHECKED BY _____

PLOTTED BY _____

DATE _____

19__

Quad. No. _____

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER: ANG.
DIFF. | ELEVATION |
|---------|--------|----------------|---|------------------|--------------------|--------------------------------------|
| | | | | | | Sta. 14+0 |
| | 0.0 | | | | | 0.0 |
| | -10' | | | | | Gray Sand |
| | -2.2' | | | | | Fine Black Dirt |
| | -5.4' | | | | | Yellow Sand
Clay 75% |
| | -7.1' | | | | | White Sand |
| | -8.6' | | | | | Yellow Sand
Clay 30% |
| | -12.2' | | | | | Yellow Sand |
| | | | | | | Water Table 7.3'
Hole Open 45 Min |
| | | | | | | 0.0 |
| | -1.8' | | | | | Gray Sand |
| | -4.2' | | | | | Yellow Sand |
| | -5.1' | | | | | White Sand |
| | -9.0' | | | | | Yellow Sand |
| | -10.5' | | | | | Yellow Sand |
| | 10.9' | | | | | Dark Gray Sand |

VALUABLE

RETURN TO
PUBLIC WORKS
DIVISION
CITY OF WASHINGTON
WASHINGTON, D.C.

STATION

ANGLE

BEARING

N. I. V. L. S. E. STATION

FIELD PARTY

IN CHARGE

DATE

NOTE

TAP HEAD

TAP OR ROD

TAP OR ROD

NO. END NO.

TAP NO.

WEATHER

WIND

TEMP.

MOON

BAROMETER

WIND DIRECTION

WIND VELOCITY

WIND FORCE

WIND STATE

WIND DIRECTION

WIND VELOCITY

WIND FORCE

WIND STATE

WIND DIRECTION

WIND VELOCITY

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WIND DIRECTION

WIND VELOCITY

WIND FORCE

WIND STATE

VALUABLE

SUBJECT

Capehart Sewer

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

FIELD PARTY

Moran 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.

SHEET

DATE

19

Quad. No.

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

Sta. 17+0

0.0

-3.1'

-4.1'

-8.4'

H. I.

BEARING

VER. ANG.
DIFF.

ELEVATION

Yellow Sand.

*Yellow Sand
& Clay 10%*

Yellow Sand.

Wet Sand

Sta. 22+0

0.0

-1.4'

-3.2'

-4.5'

-6.0'

-6.7'

*Dark Top
Soil*

White Sand

*Dark Gray
Sand.*

*Yellow Sand
& Clay 20%*

Yellow Sand.

STATION NO. _____
ELEVATION _____
DATE _____
TIME _____
OBSERVER _____

WIND DIRECTION _____
WIND VELOCITY _____
TEMPERATURE _____
RELATIVE HUMIDITY _____
PRESSURE _____
WEATHER _____



VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT SOIL BORING
STA. 30+00 CAPE -
HART TRUNK SEWER

FIELD PARTY
DEANNS IN CHARGE

INSTRUMENT

NOTES

TAPE READ

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 1
DATE 1-11 1957

Quad. No. _____

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER. ANG.
DIFF. | ELEVATION |
|---------|-------|----------------|---|------------------|--------------------|-----------|
| 30+00 | | | | | | |

| GROUND | |
|-------------|-----------------|
| GRAY SAND | 100%
- 2.50' |
| WHITE SAND | - 4.0' |
| YELLOW SAND | 90% |
| YELLOW CLAY | 10% |
| | - 9.0' |

STATE OF TEXAS
COUNTY OF ...
I, the undersigned, Clerk of the County, do hereby certify that the within and foregoing is a true and correct copy of the original as the same appears in the records of the County.

WITNESSED my hand and the seal of the County at the City of ... this ... day of ... 19...

STATE PARTY
I, the undersigned, Clerk of the County, do hereby certify that the within and foregoing is a true and correct copy of the original as the same appears in the records of the County.

WEATHER
I, the undersigned, Clerk of the County, do hereby certify that the within and foregoing is a true and correct copy of the original as the same appears in the records of the County.



VALUABLE

SUBJECT

Capehart Sewer

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

FIELD PARTY
Morton 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 *1-3* 19*57*

Quad. No.

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

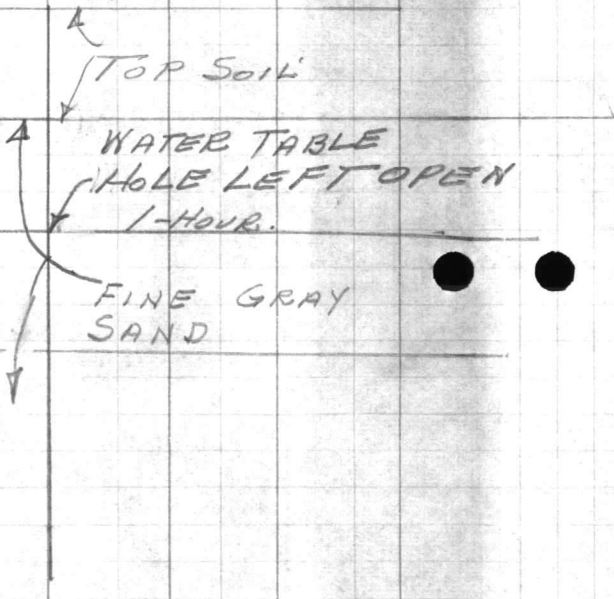
STA 35+40

0.0'

-1.8'

-4.9

-6.0



STATION

DATE

TIME

OFF

STATION

OFF

STATION

WEATHER

FIELD PARTY

Clear
Cloudy
Rain
Snow
Fog

W. Chamber
J. Chamber
R. Chamber
S. Chamber
T. Chamber

WIND

WIND

TEMP.

TEMP.

MOON

MOON

BAROMETER

BAROMETER

WATER

WATER

SOIL

SOIL

ROCK

ROCK

PLANT

PLANT

ANIMAL

ANIMAL

OTHER

OTHER

REMARKS

REMARKS

CONCLUSION

CONCLUSION

SIGNATURE

SIGNATURE

DATE

DATE

TIME

TIME

OFF

OFF

STATION

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VALUABLE

SUBJECT BORRINGS FOR
CAPABO SEWER TRUNK

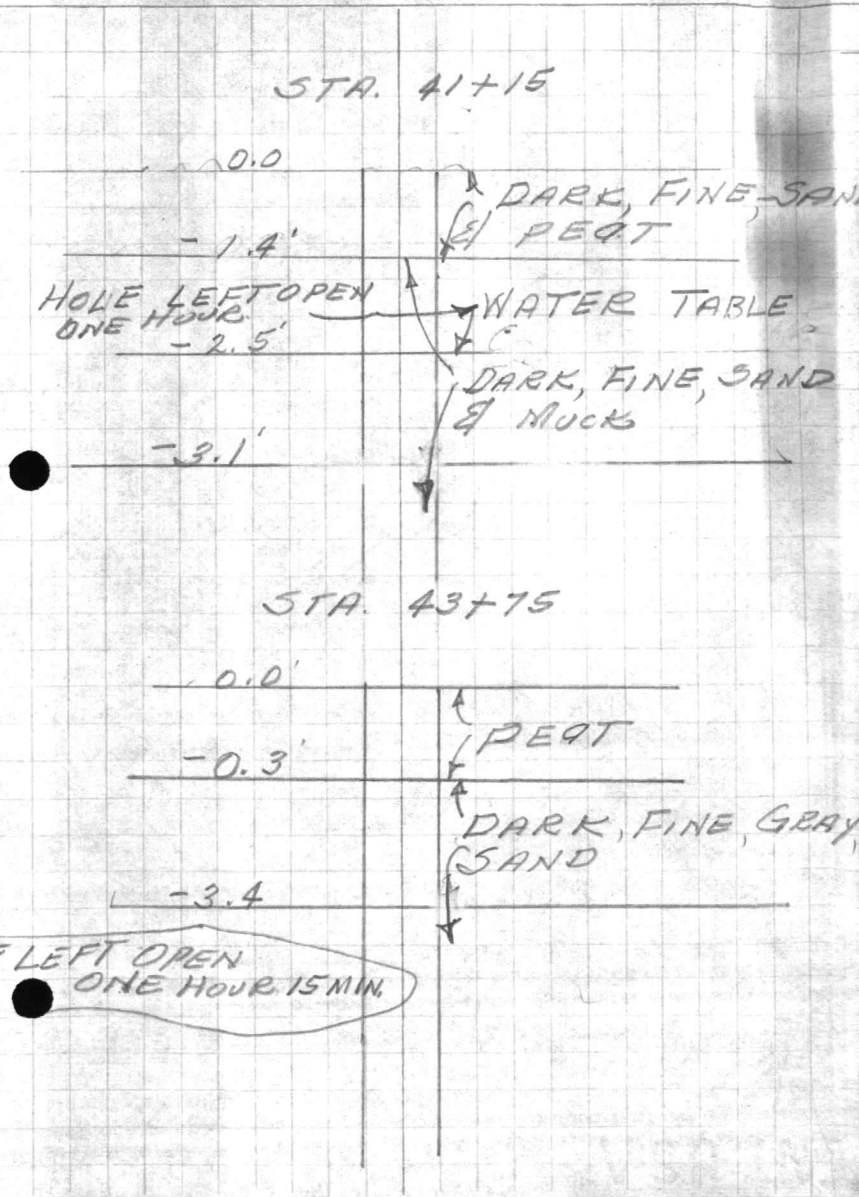
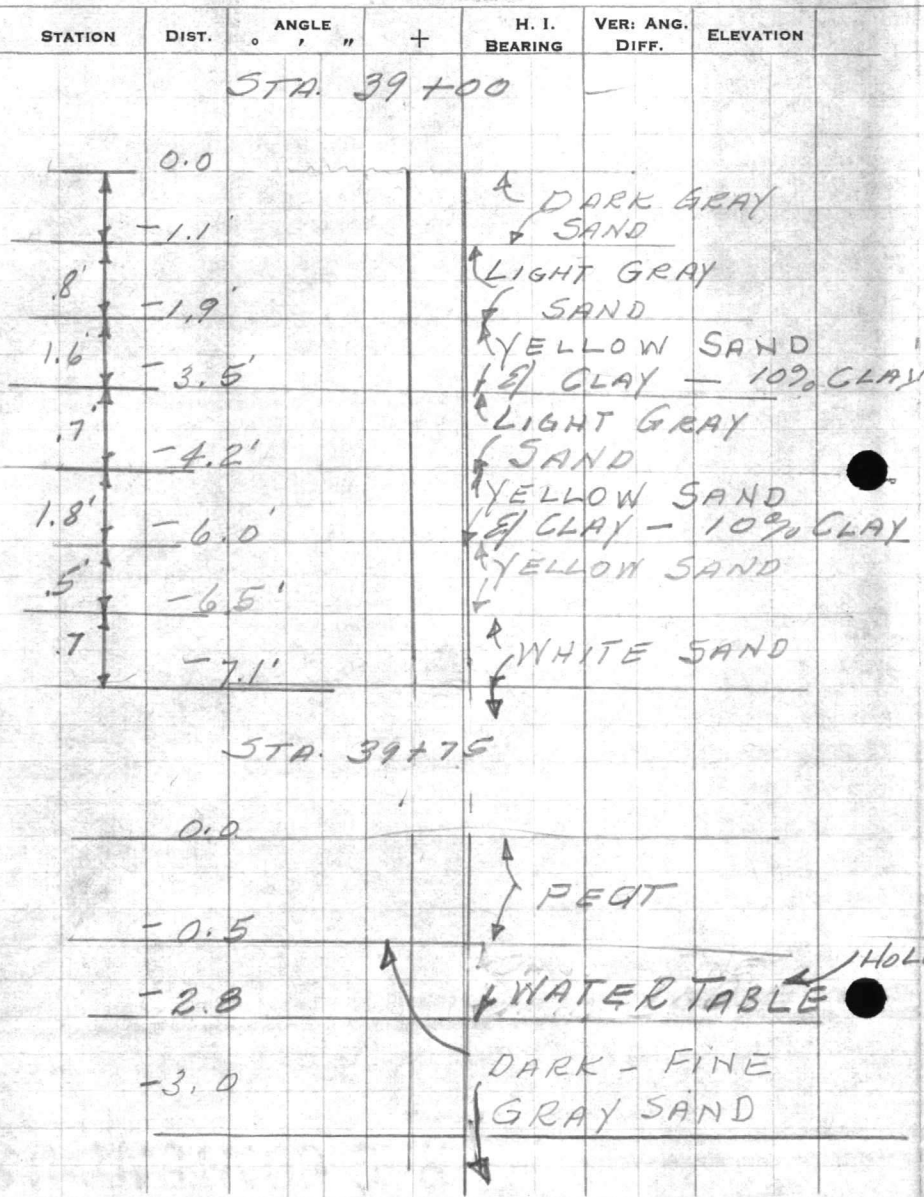
RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

FIELD PARTY
Morton 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 _____
DATE _____ 19__

Quad. No. _____



RECORDS
PUBLIC WORKS
OFFICE
CAMP LEWIS
MONTAGANA

STATION DATE TIME ALT. VIB. ANG. ELEVATION
DIP BEARING DIST

FIELD PARTY
CLASSIFIED
CLOUDY
WINDY
TEMP.
FAIR
TAPE MAG.
TAPOR MAG.
TAPOR MAG.
TAPOR MAG.

11/1/20

7

11/1/20

VALUABLE

SUBJECT

Capehart Sewer

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

FIELD PARTY

Morton
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

FILE No.:

FLDR. No.

SHEET

FIGURED BY

NOTES CHECKED BY

PLOTTED BY

DATE 1-4-1957

Quad. No.

| STATION | DIST. | ANGLE
' " | + | H. I.
BEARING | VER. ANG.
DIFF. | ELEVATION |
|---------|-------|--------------|---|------------------|--------------------|---------------------------------|
| | | | | | | STA. 46+00 |
| | 0.0 | | | | | |
| | -0.3 | | | | | PEAT |
| | -1.0 | | | | | FINE DARK GRAY SAND |
| | -1.5' | | | | | FINE LIGHT GRAY SAND |
| | -2.0 | | | | | BROWN HARD PAN |
| | -4.0 | | | | | FINE YELLOW SAND & CLAY 10% |
| | -5.4 | | | | | FINE LIGHT GRAY SAND & CLAY 10% |
| | 6.1 | | | | | FINE LIGHT GRAY SAND |

| STATION | DIST. | ANGLE
' " | + | H. I.
BEARING | VER. ANG.
DIFF. | ELEVATION |
|---------|-------|--------------|---|------------------|--------------------|------------------------|
| | | | | | | STA. 52+00 |
| | 0.0 | | | | | |
| | -1.4 | | | | | YELLOW SAND & CLAY |
| | -6.0 | | | | | RED CLAY |
| | | | | | | STA. 57+00 |
| | 0.0 | | | | | |
| | -1.6 | | | | | YELLOW SAND & CLAY 10% |
| | -6.3 | | | | | YELLOW SAND & CLAY 80% |

VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP BELLEVILLE
MOUNT CARMEL

STATION

ANGLE

H. I. VORHARDT

STATION

FIELD PARTY

IN CHARGE

INSTRUMENTS

NOTES

TABULAR RECORD

TABULAR RECORD

TABULAR RECORD

TABULAR RECORD

TABULAR RECORD

WEATHER

SKY

WIND

TEMP.

MOISTURE

WIND

TEMP.

MOISTURE

FIELD NO.

DATE

TIME

PLACE

OBJECT

REMARKS

DATE

TIME

PLACE

OBJECT

REMARKS

DATE

TIME

PLACE

OBJECT

REMARKS

DATE

TIME

PLACE

OBJECT

REMARKS

DATE

TIME

PLACE

OBJECT

REMARKS

DATE

TIME

PLACE

OBJECT

REMARKS

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TIME

PLACE

OBJECT

REMARKS

DATE

TIME

PLACE

OBJECT

REMARKS

DATE

TIME

PLACE

OBJECT

REMARKS

DATE

TIME

PLACE

VALUABLE

SUBJECT

Capehart Sewer

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

FIELD PARTY

Morton

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

NOTES CHECKED BY

PLOTTED BY

DATE

19

Quad. No.

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

STA 58+50

STA 63+00

0.0

0.0

-1.0

-2.0'

-3.0

-4.5

-10.0

FINE
BROWN SAND

SAND & CLAY 75%

FINE YELLOW
SAND & CLAY 15%

YELLOW SAND
& CLAY 80%

YELLOW CLAY

ADDRESS

SUBJECT

STATION TO

STATION FROM

CITY

STATE

ZIP

STATION

DIST

ANGLE

BEARING

ELEVATION

DATE

TIME

OPERATOR

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

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REMARKS

REMARKS

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REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

REMARKS

H. I. VER BRON
ELEVATION

TABLE NO. 101
TABLE OF DATA

TABLE NO. 102
TABLE OF DATA

TABLE NO. 103
TABLE OF DATA

TABLE NO. 104
TABLE OF DATA

TABLE NO. 105
TABLE OF DATA

TABLE NO. 106
TABLE OF DATA

TABLE NO. 107
TABLE OF DATA

TABLE NO. 108
TABLE OF DATA

TABLE NO. 109
TABLE OF DATA

TABLE NO. 110
TABLE OF DATA

VALUABLE

SUBJECT

Capehart Sewer

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

FIELD PARTY

Murphy 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.

SHEET

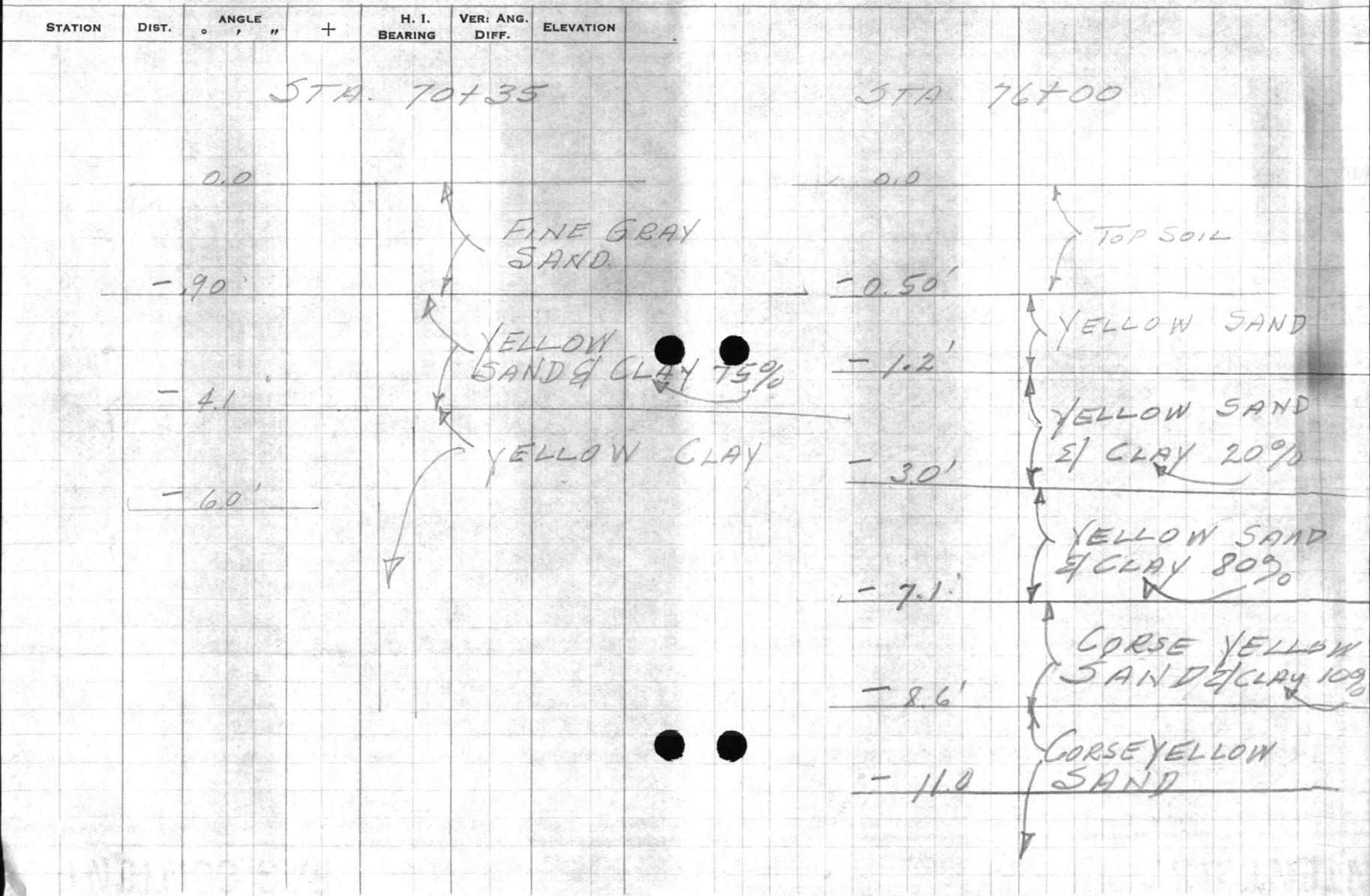
NOTES CHECKED BY

PLOTTED BY

DATE

19

Quad. No.



AVAILABLE

SUBJECT

STATION TO
RADIO NUMBER
DESIGN
CAMP LOCATION
MOUNT COORDINATE

STATION

DATE

ANGLE

BRACING

DIR

ELEVATION

STATION
RADIO NUMBER
DESIGN
CAMP LOCATION
MOUNT COORDINATE
STATION TO
RADIO NUMBER
DESIGN
CAMP LOCATION
MOUNT COORDINATE
STATION TO
RADIO NUMBER
DESIGN
CAMP LOCATION
MOUNT COORDINATE

WEATHER
TEMP
WIND
MOON
CLOUDS
PRECIP
VISIBILITY
STATE
COUNTRY
MOUNTAIN RANGE
CAMP LOCATION
MOUNT COORDINATE



VALUABLE

SUBJECT Capehart Sewer

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

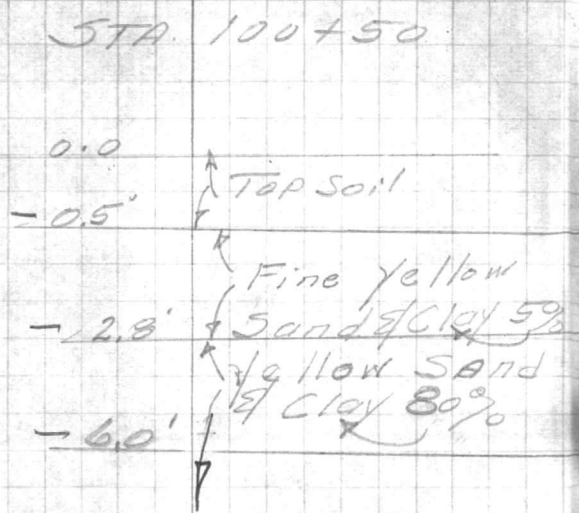
FIELD PARTY
Morton IN CHARGE
INSTRUMENT
NOTES
TAPE READ
TAPE OR ROD
TAPE OR ROD
INSTRUMENT NO.
TAPE NO.

WEATHER
CLEAR
CLOUDY
WINDY
RAIN
FAIR
SNOW
HOT
MODERATE
COLD
FOG
FIGURED BY
NOTES CHECKED BY
PLOTTED BY

FILE No.
FLDR. No.
SHEET
DATE

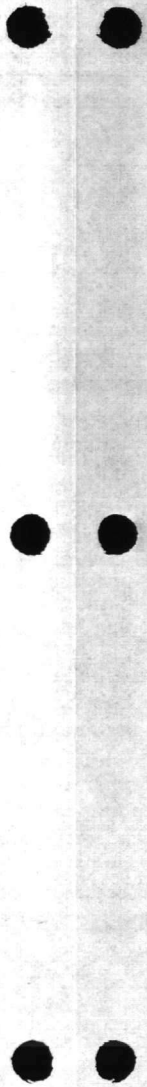
Quad. No.

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER: ANG.
DIFF. | ELEVATION |
|---------|-------|----------------|---|------------------|--------------------|-----------------------------|
| | | | | | | STA 80+00 |
| | 0.0 | | | | | 0.0 |
| | 0.5' | | | | | TOP SOIL |
| | 1.1 | | | | | FINE WHITE SAND |
| | 3.4 | | | | | YELLOW SAND
1/2 CLAY 30% |
| | 7.3 | | | | | YELLOW SAND
1/2 CLAY 80% |
| | 8.1 | | | | | YELLOW COARSE SAND |



FIELD PARTY
MEMBERS
DATE
PLACE
TIME
WEATHER
MILEAGE
DIRECTION
ELEVATION
TEMPERATURE
WIND
MOON
STAR
PLANETS
OTHER

DATE
PLACE
TIME
WEATHER
MILEAGE
DIRECTION
ELEVATION
TEMPERATURE
WIND
MOON
STAR
PLANETS
OTHER



VALUABLE

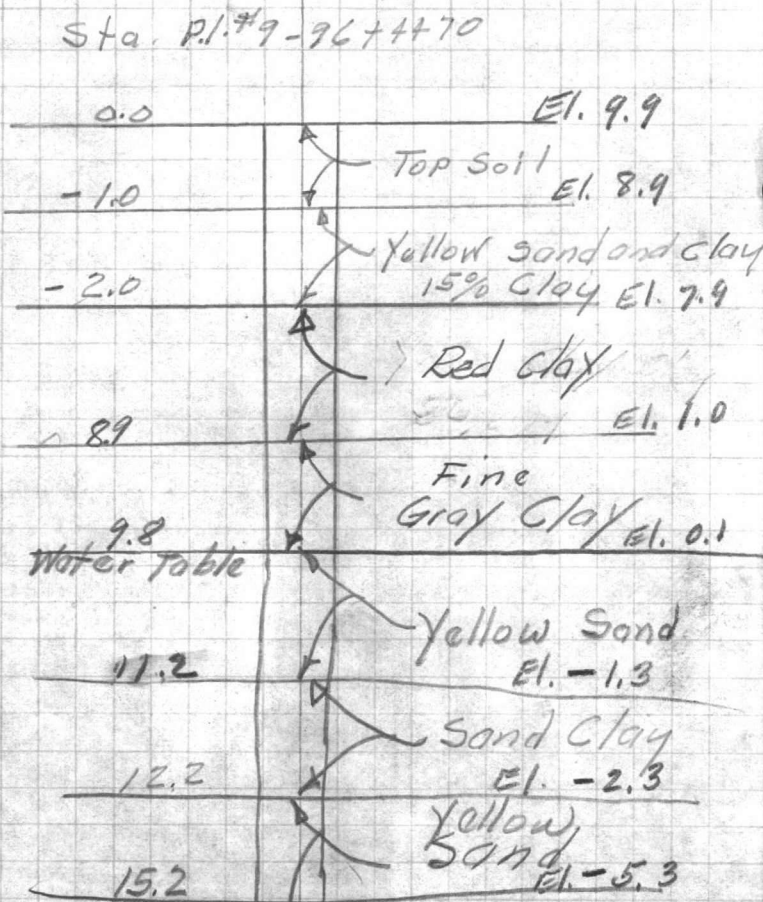
SUBJECT Soil Boring at P.I. #9-A
Lift Sta. site.

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

FIELD PARTY
Morton 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 6/22/1956
Quad. No. _____

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



Hole runs & shut from water
and sand

NORTH CAROLINA

DAVE LITTLE

STATE OF

RECORDS

WALTON COUNTY

STATION

THIS

WELL

DRILLING

OPERATION

CONTRACT

DATE

NUMBER

YAS & OR

APP HEAD

IN CHARGE

PERMIT

WARRANT

DATE

FILE NO

BY

FILE NO

FILE NO

VALUABLE

SUBJECT Soil Borings
Capehart Truck Sewer
Wallace Creek to Brewster Blvd.

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 _____ SNOW _____
 CLOUDY _____ HOT _____
 WINDY _____ MODERATE _____
 RAIN _____ COLD _____
 FAIR _____ FOG _____
 FIGURED BY _____
 NOTES CHECKED BY _____
 PLOTTED BY _____

FILE No. _____
 FLDR. No. _____
 SHEET 1 of
 DATE 10-9 1954

Quad. No. _____

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER: ANG.
DIFF. | ELEVATION |
|------------|-------|----------------|---|------------------|--------------------|-----------|
| BORING # 4 | | | | STA. 103+50 | | |

| | |
|---------------------|-----------------|
| GROUND ELEV' | |
| TOP SOIL | -0.4' |
| WHITE SAND
100% | -1.5' ✓ |
| YELLOW SAND
100% | -9.5' DAMP SAND |
| | -10.1' |

| | | | | | | |
|------------|--|--|--|-------------|--|--|
| BORING # 5 | | | | STA. 109+00 | | |
|------------|--|--|--|-------------|--|--|

| | |
|----------------------|-----------------|
| WHITESAND 100% | -1.0' |
| YELLOW SAND
100% | -5.0' ✓ |
| WHITE SAND
100% | 6.1' |
| YELLOW SAND.
100% | -8.5' DAMP SAND |

VALLEY...

STATION
DIST
ELEVATION

STATION DIST ELEVATION

FIELD PARTY

IN CHARGE

DATE

TIME

PLACE

TYPE OF SOIL

TEMPERATURE

WEATHER

WIND

MOON

STAR

PLANETS

CONSTELLATIONS

OTHER

FLOW NO.



VALUABLE

SUBJECT

Capehart Sewer

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

FIELD PARTY

Donnis 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. _____

SHEET

2 of

FIGURED BY _____

NOTES CHECKED BY _____

PLOTTED BY _____

DATE

19

Quad. No. _____

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

BORING #6 STA. 109+82⁰⁰

GROUND ELEV.

TOP SOIL ----- - 0.6'

GREY SAND,

----- - 4.6' WATER TABLE

100%

----- - 8.0'

WHITE SAND

100%

----- = 10.0'

BORING #7 STA. 110+05⁰⁰

GROUND ELEV.

----- = 1.5' WATER TABLE

MUCK

100%

----- - 4.9'

WHITE SAND,

100%

----- = 10.0'

FILE NO.

WEATHER

FIELD PARTY

NO.

DATE

IN CHARGE

NO.

DATE

DEPARTMENT

NO.

DATE

NO.

NO.

DATE

NO.

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DATE

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DATE

NO.

NO.

DATE

NO.

NO.

DATE

NO.

NO.

DATE

NO.

NO.

DATE

NO.

REMARKS

NO.

DATE

NO.

DATE

NO.

DATE

ELEVATION

BEARING

ANGLE

DIST.

STATION



VALUABLE

SUBJECT Capehart Sewer

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

FIELD PARTY

Dennis IN CHARGE
INSTRUMENT
NOTES
TAPE READ
TAPE OR ROD
TAPES 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 304
DATE _____ 19__

Quad. No. _____

| STATION | DIST. | ANGLE
° ' " + | H. I.
BEARING | VER. ANG.
DIFF. | ELEVATION |
|------------|-------|-----------------------------|------------------|--------------------|---------------------------------|
| BORING # 8 | | STA. 110 + 25 ⁰⁰ | | | |
| | | | | | GROUND ELEV. |
| | | | | | - 3.5' WATER TABLE |
| | | | | | MUCK
100%
- 6.3' |
| | | | | | WHITE SAND
100% ✓ |
| | | | | | - 10.0' |
| BORING # 9 | | STA. 112 + 40 ⁰⁰ | | | |
| | | | | | GROUND ELEV. |
| | | | | | TOP SOIL
0.4' |
| | | | | | WHITE SAND
100%
- 7.0' |
| | | | | | YELLOW SAND
100% ✓
- 9.0' |

ATLANTA

SUBJECT

RETURNED

TO THE

POST OFFICE

ATLANTA

POST OFFICE

ATLANTA

TELE PARTY

IN CHARGE

INSURANCE

MATTER

STATE ROAD

STATE STREET

STATE OR

STATE

LETTER

WORK

TYPE

ADDRESS

PHONE

TELE

STATE

STATE

STREET

PHONE

TELE

STATE

STATE

STATE

STATE

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VALUABLE

SUBJECT

*Capehart Sewer*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
FAIRSNOW
HOT
MODERATE
COLD
FOG

FILE No.

FLDR. No.

SHEET

DATE

19

FIGURED BY

NOTES CHECKED BY

PLOTTED BY

Quad. No.

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

BORING#12

STA. 115+25

GROUND ELEV.

GREY SAND
100%

-3.1'

Dry? ✓

BORING#13

STA. 116+27

GROUND ELEV.

GREY SAND

-3.5' WATERTABLE ✓

BORING#14

STA. 119+00

GROUND ELEV.

TOP SOIL

0.5'

WHITE SAND

100%

-2.0'

YELLOW SAND

100%

-5.0' ✓

WHITE SAND

100%

-7.5'

GUMBO

-8.7'

VALUABLE

RECEIVED
OFFICE
MAY 19 1900

DATE
DRAWING
BY
SCALE

DATE OF JOB

SCALE



VALUABLE

SUBJECT Capehart Sewer

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

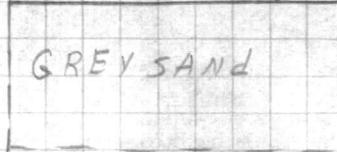
FILE No. _____
FLDR. No. _____
SHEET 6 of
DATE _____ 19____

Quad. No. _____

| STATION | DIST. | ANGLE | | | H. I.
BEARING | VER: ANG.
DIFF. | ELEVATION |
|-------------------|-------|-------|---|----------|------------------|--------------------|-----------|
| | | ° | ' | " | | | |
| <u>BORING #15</u> | | | | | | | |
| | | | | <u>+</u> | | | |
| | | | | | | | |

STA 123+62

GROUND FEEL.



CLAY

- 3.2'

AVAILABLE

STATION
STATION
STATION
STATION
STATION

STATION
STATION
STATION
STATION
STATION



VALUABLE

SUBJECT Capehart Sewer

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
FIGURED BY _____
NOTES CHECKED BY _____
PLOTTED BY _____

FILE No. _____
FLDR. No. _____
SHEET 70
DATE 10-12-56

Quad. No. _____

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER: ANG.
DIFF. | ELEVATION |
|------------|-------|---------------------------|---|------------------|--------------------|--|
| BORING #16 | | STA# 125+00 ⁰⁰ | | | | |
| | | | | | | GROUND ELEV. |
| | | | | | | WHITE SAND.
100%
-1.0' ✓ |
| | | | | | | YELLOW SAND.
100%
-6.5' DAMP SAND. |
| | | | | | | WHITE SAND.
100%
-8.2' WATERTABLE |
| | | | | | | -8.3' |
| BORING #17 | | STA# 126+20 | | | | |
| | | | | | | GROUND ELEV. |
| | | | | | | TOP SOIL
-0.3' ✓ |
| | | | | | | GREY SAND.
100%
-3.5' |
| BORING #18 | | 127+45 | | | | |
| | | | | | | GROUND ELEV. |
| | | | | | | GREY SAND
100%
-3.2' ✓ |
| BORING #19 | | 130+20 | | | | |
| | | | | | | GROUND ELEV. |
| | | | | | | GREY SAND.
-3.4' DAMP SAND ✓ |

VALUABLE

PROPERTY
STOCKS
BONDS
CASH
REAL ESTATE

STATION

DATE

REMARKS

AMOUNT

PROPERTY

AMOUNT

DATE

REMARKS

PROPERTY

AMOUNT

DATE

FIELD

STATION

DATE

REMARKS

PROPERTY

AMOUNT

DATE



VALUABLE

BUSINESS

STATION
DATE
TIME
PLACE

STATION
DATE
TIME
PLACE



VALUABLE

SUBJECT Capehart Sewer

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

FIELD PARTY

Morton 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 |
|---------|-------|----------------|---|------------------|--------------------|-----------|
|---------|-------|----------------|---|------------------|--------------------|-----------|

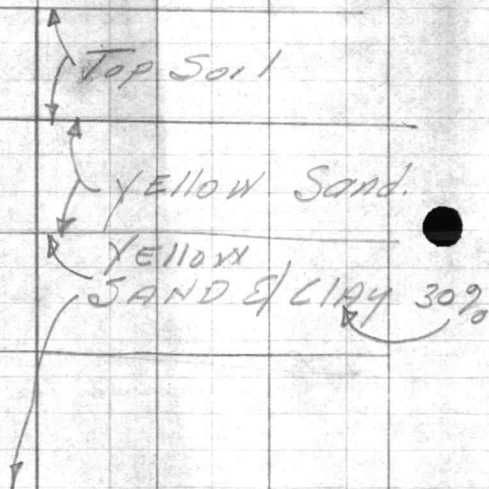
STA. 139+20

0.0

- 0.3'

- 2.3

- 4.4'



STA 159+0

0.0

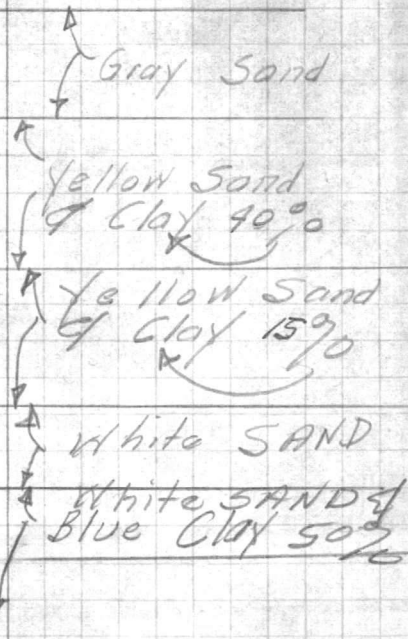
- 0.8

- 3.7

- 9.1

- 10.1

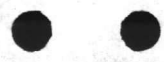
- 10.5



STATE OF ALABAMA
SHERIFF'S OFFICE

SEARCHED INDEXED
SERIALIZED FILED

FILE NO. _____
CHARGE _____
ARRESTED BY _____
DATE OF ARREST _____
MUNICIPALITY _____
COUNTY _____



VALUABLE

SUBJECT

*Soil Borings**Capehart Trunk Sewer*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. _____

SHEET

9 of

DATE

10/12/1953

FIGURED BY _____

NOTES CHECKED BY _____

PLOTTED BY _____

Quad. No. _____

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

BORING# 22 STA. 141+50

GROUND ELEV.

TOP SOIL _____ 0.5'

YELLOW SAND 100% _____ -2.0'

WHITE SAND 100% _____

Dry Hole _____ -13.5'

BORING# 23 STA. 154+40

GROUND ELEV.

TOP SOIL _____ 0.6'

YELLOW CLAY 90%
YELLOW SAND 10% _____ -2.0'YELLOW SAND 90%
YELLOW CLAY 10% _____ -6.5'YELLOW SAND 50%
YELLOW CLAY 50% _____ -10.0'

Dry Hole

BORING# 24 STA. 155+18

GROUND ELEV.

GREY SAND _____ -2.5'

WHITE SAND 100% _____ -4.5'

Dry Hole

WESTERN
IN CHARGE
INSTRUMENT
DATE
TAKE UP
TAKE ON
TAKE OF
TAKE NO.

RETURN TO
BY THE
OFFICE
CAMPBELL
JOHN CAMPBELL



1950

REPLY TO
ADDRESS
CITY
STATE

NO. 1

FIELD OFFICE

WEATHER

TEMPERATURE
WIND
MOON

PRECIPITATION
HUMIDITY
WIND DIRECTION

WIND VELOCITY
WIND FORCE
WIND STATE

WIND DIRECTION
WIND VELOCITY
WIND FORCE

WIND STATE
WIND DIRECTION
WIND VELOCITY

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WIND STATE
WIND DIRECTION

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WIND FORCE
WIND STATE
WIND DIRECTION

WIND VELOCITY
WIND FORCE
WIND STATE

WIND DIRECTION
WIND VELOCITY
WIND FORCE

VALUABLE
 SUBJECT _____

 RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

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. _____

FLDR. No. _____

SHEET 20 of 3

DATE _____ 19__

Quad. No. _____

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

| | | | | | | |
|------------|--|------|--|--------|--|--|
| BORING # 2 | | STA. | | 147+00 | | |
|------------|--|------|--|--------|--|--|

GROUND ELEV.

TOP - 5614

- 0.8'

WHITE
SAND

100%

- 3.0'

YELLOW SAND
CLAY

80% - 50%

4.5'

YELLOW
SAND

- 9.0'

YELLOW
SAND & CLAY

50-50

- 13.5'

YELLOW
CLAY

100%

- 15.0'

 No sign of water
 ✓

STATION NO. DIST. STATE. COUNTY. TOWNSHIP. SECTION. RANGE. MERIDIAN. DATE. TIME. NAME OF PARTY. POSITION. HEIGHT. DISTANCE. BEARING. MAGNETIC. TRUE. CORRECTION. OBSERVATION. NAME OF PARTY. POSITION. HEIGHT. DISTANCE. BEARING. MAGNETIC. TRUE. CORRECTION. OBSERVATION.

STATION NO. DIST. STATE. COUNTY. TOWNSHIP. SECTION. RANGE. MERIDIAN. DATE. TIME. NAME OF PARTY. POSITION. HEIGHT. DISTANCE. BEARING. MAGNETIC. TRUE. CORRECTION. OBSERVATION.

NAME OF PARTY
POSITION
HEIGHT
DISTANCE
BEARING
MAGNETIC
TRUE
CORRECTION
OBSERVATION

NAME OF PARTY
POSITION
HEIGHT
DISTANCE
BEARING
MAGNETIC
TRUE
CORRECTION
OBSERVATION

STATION NO. DIST. STATE. COUNTY. TOWNSHIP. SECTION. RANGE. MERIDIAN. DATE. TIME. NAME OF PARTY. POSITION. HEIGHT. DISTANCE. BEARING. MAGNETIC. TRUE. CORRECTION. OBSERVATION.

STATION NO. DIST. STATE. COUNTY. TOWNSHIP. SECTION. RANGE. MERIDIAN. DATE. TIME. NAME OF PARTY. POSITION. HEIGHT. DISTANCE. BEARING. MAGNETIC. TRUE. CORRECTION. OBSERVATION.

STATION NO. DIST. STATE. COUNTY. TOWNSHIP. SECTION. RANGE. MERIDIAN. DATE. TIME. NAME OF PARTY. POSITION. HEIGHT. DISTANCE. BEARING. MAGNETIC. TRUE. CORRECTION. OBSERVATION.

VALUABLE

SUBJECT Capehart Sewer

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

FIELD PARTY
Murton 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 _____
DATE 1-7 1957

Quad. No. _____

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER. ANG.
DIFF. | ELEVATION |
|---------|-------|----------------|---|------------------|--------------------|-----------|
| | | 57a | | 164+70 | | |
| | 0.0 | | | | | |
| | -0.5 | | | Top Soil | | |
| | -2.3 | | | Dark Gray Sand | | |
| | -3.7 | | | Light Gray Sand | | |

| | | | | | | |
|--|-------|-----|--|------------------------------|--|--|
| | | 57a | | 166+00 | | |
| | 0.0 | | | | | |
| | -0.9 | | | Dark Gray Sand | | |
| | -1.4 | | | Dark Brown Hard pan | | |
| | -2.3 | | | Light gray Sand | | |
| | -7.2 | | | Brown Sand & Clay 50% | | |
| | -8.3 | | | Brown Sand & Clay 30% | | |
| | -11.0 | | | Brown Course Sand & Clay 10% | | |

60
35
100

VALUABLE SUBJECT

REPORT NO.
DATE
BY

CLASSIFICATION
DATE

QUALITY

TYPE OF TAP
MATERIAL NO.
TAP OR TAP

WEATHER
TEMPERATURE
WIND
HUMIDITY
DIRECTION
SPEED

DATE

TIME

LOCATION

OBJECT

REMARKS



VALUABLE

SUBJECT

Capehart Sewer

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

FIELD PARTY

Morton IN CHARGE

INSTRUMENT

NOTES

TAPE READ

TAPE OR ROD

TAPE OR ROD

INSTRUMENT No.

TAPE No.

WEATHER

CLEAR
CLOUDY
WINDY
RAIN
FAIRSNOW
HOT
MODERATE
COLD
FOG

FIGURED BY

NOTES CHECKED BY

PLOTTED BY

FILE No.

FLDR. No.

SHEET

DATE 1-7-1957

Quad. No.

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

Sta 169+65

0.0

-1.1

-3.1

TOP Soil

Dark Gray
Sand

Sta. 172+0

0.0

-0.8

-2.2

-3.8

-9.8

-10.1

Gray Sand

Brown Sand

Brown Sand &
Clay 25%

Yellow Clay

Gray Sand
& Clay 25%

FIELD CARD
NO. 1
DATE
LOCALITY
PLANT
COLLECTOR
SPECIES
VARIETY
CULTURE
DISEASE
INSECT
OTHER



VALUABLE

SUBJECT

Capehart Sewer

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

FIELD PARTY

Mertus 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 1-2-1957

Quad. No.

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

Sta. 178+50

0.0

- 1.0

- 1.6

- 3.2

- 6.2

- 11.3

Gray Sand

Yellow Sand

Yellow Clay

Yellow Sand

Yellow Sand
of Clay 10%

Sta. 182+0

0.0

- .80

- 2.5

- 3.7

- 10.1

Gray Sand

Yellow Sand
of Clay 5%

Yellow Sand
of Clay 85%

Yellow Sand
of Clay 25%

VALUABLE

SUBJECT

*Capehart Sewer*RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

FIELD PARTY

Murphy

IN CHARGE

INSTRUMENT

NOTES

TAPE READ

TAPE OR ROD

TAPE OR ROD

INSTRUMENT NO.

TAPE NO.

WEATHER

CLEAR
CLOUDY
WINDY
RAIN
FAIRSNOW
HOT
MODERATE
COLD
FOG

FIGURED BY

NOTES CHECKED BY

PLOTTED BY

FILE No.

FLDR. No.

SHEET

DATE *1-8* 19*57*

Quad. No.

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

*Sta. 183+00**0.0**Dark gray sand
& peat**- 1.0**Dark gray
Sand.**- 2.7**Black clay**- 6.3**Sta. 184+00**0.0**Dark Gray Sand
& peat**- 1.1**Dark gray
Sand.**- 3.1**Gray Sand
& Clay 35%**- 4.0**Gray Sand &
Clay 55%**- 6.2*

RECEIVED
FEDERAL BUREAU OF INVESTIGATION
U. S. DEPARTMENT OF JUSTICE
WASHINGTON, D. C.

DATE
TIME
BY

DATE

BY

RECEIVED
FEDERAL BUREAU OF INVESTIGATION
U. S. DEPARTMENT OF JUSTICE
WASHINGTON, D. C.

DATE
TIME
BY

RECEIVED
FEDERAL BUREAU OF INVESTIGATION
U. S. DEPARTMENT OF JUSTICE
WASHINGTON, D. C.



VALUABLE

SUBJECT Capehart Sewer

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

FIELD PARTY

Martini IN CHARGE

INSTRUMENT

NOTES

TAPE READ

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INSTRUMENT NO. _____
TAPE NO. _____

WEATHER

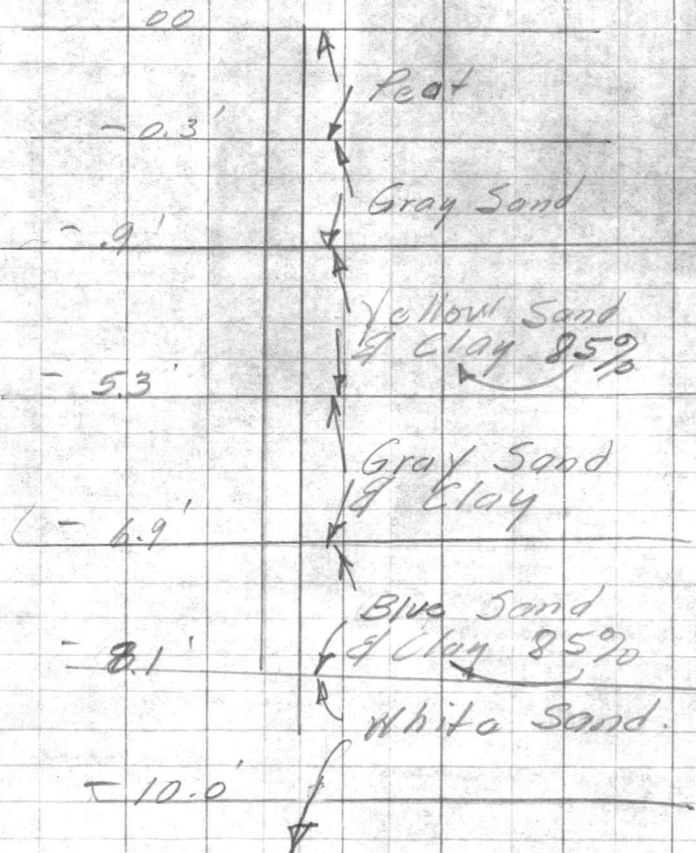
CLEAR _____ SNOW _____
CLOUDY _____ HOT _____
WINDY _____ MODERATE _____
RAIN _____ COLD _____
FAIR _____ FOG _____

FILE No. _____
FLDR. No. _____
FIGURED BY _____ SHEET _____
NOTES CHECKED BY _____
PLOTTED BY _____ DATE 1-8 1957

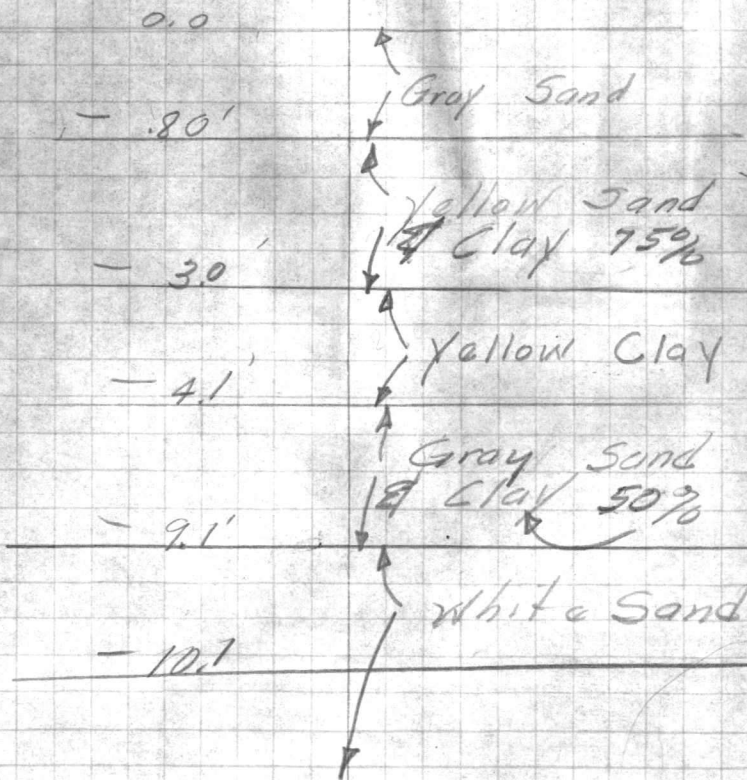
Quad. No. _____

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

Sta. 185+0



Sta. 192+00



VALUABLE

SUBJECT Capehart Sewer

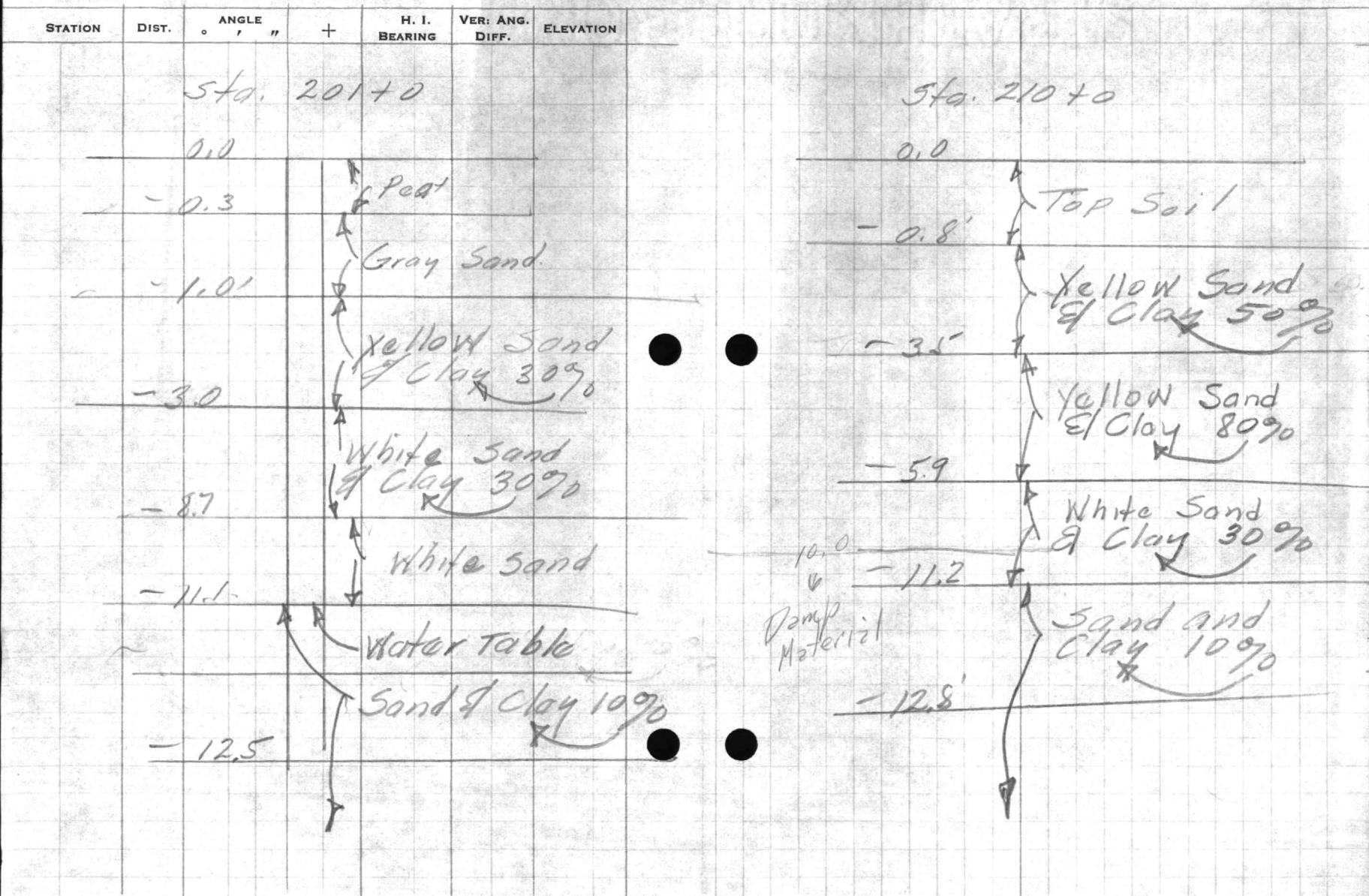
RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

FIELD PARTY
Manly 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 1-8 1957

Quad. No. _____



WILLIAM V.

SUBJECT

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEONE
NORTH CAROLINA

STATION / DIST

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FIELD PARTY

IN CHARGE

INSTRUMENT

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WEATHER

TEMP.

WIND

MOON

RAIN

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FIELD NO.

DATE

TIME

PLACE

MAP

SCALE

UNIT

TYPE

CLASS

NO.

DATE

TIME

PLACE

MAP

SCALE

UNIT

TYPE

CLASS

NO.

DATE

TIME

PLACE

MAP

SCALE

UNIT

TYPE

CLASS

NO.

DATE

TIME

PLACE

MAP

VALUABLE

SUBJECT

Capehart SewerRETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

FIELD PARTY

Martan IN CHARGE

INSTRUMENT

NOTES

TAPE READ

TAPE OR ROD

TAPE OR ROD

STRUMENT NO.

TAPE NO.

WEATHER

CLEAR
CLOUDY
WINDY
RAIN
FAIRSNOW
HOT
MODERATE
COLD
FOG

FILE No. _____

FLDR. No. _____

SHEET _____

NOTES CHECKED BY _____

PLOTTED BY _____

DATE 1-9 1957

Quad. No. _____

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

Sta. 217+0

0.0

- 1.4'

- 4.6'

- 5.5'

10.0

Dark gray Sand

Light Gray Sand

Yellow Sand
& Clay 10%

Gray Sand

Water Table - 5.3
Hole Open 12'

Sta. 223+0

0.0

- 1.0'

- 4.4'

- 5.5'

- 9.5'

Top Soil

Dark Gray Sand

Yellow Sand

Gray Sand

Water Table - 5.9
Hole Open 35 min.

ALABAMA

SUBJECT

STATION
DISTRICT
COUNTY
TOWNSHIP
SECTION
RANGE
MERIDIAN

STATION DISTRICT COUNTY TOWNSHIP SECTION RANGE MERIDIAN

FIELD PARTY
DATE READ
NOTE

WEATHER
CLEAR
CLOUDY
MIST
FOG
RAIN
WIND
TEMPERATURE
DIRECTION

DATE
TIME
PLACE



VALUABLE

SUBJECT

Capehart Sewer

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

FIELD PARTY

Morton

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.

SHEET

NOTES CHECKED BY

PLOTTED BY

DATE *1-9-57*

Quad. No.

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

Water Table 7.0'

Sta. 220+0

0.0

-1.3

-2.0

-11.0

*Black
TOP Soil*

Gray Sand

*Loose
Blue Clay
Sand*

Sta. 228+0

0.0

1.0

1.8

-3.4

-6.0

-7.2

-8.0

Gray Sand

Brown Hard Pan

Yellow Sand

Gray Sand

Yellow Sand

*Yellow Sand &
Clay 85%*

VALLEJO

STATION
DIST.
MILE
NORTH
WEST
EAST
SOUTH

STATION DIST. MILE
NORTH WEST EAST SOUTH
MILE
NORTH WEST EAST SOUTH

FIELD PARTY
IN CHARGE
INSTRUMENT
NOTE
TAPES
TAPES OR RODS
TAPES OR RODS
TAPES OR RODS

WEATHER
CLEAR
CLOUDY
WINDY
FOG
RAIN
HAIL
MIST
THUNDER
LIGHTNING

DATE
TIME
PLACE
ELEVATION
MAGNETIC
DECLINATION



VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT LINE & TOPO. TRUNK
SEWER EXISTING SEWER
BETWEEN M.H. #59-60 TO
INTERSECTION VIRGINIA
DARE DR. & M.S.P.

FIELD PARTY
DENNIS IN CHARGE

INSTRUMENT

NOTES

TAPE READ

TAPE OR ROD

TAPE OR ROD

INSTRUMENT NO. _____
TAPE NO. _____

CLEAR
CLOUDY
WINDY
RAIN
FAIR

WEATHER
SNOW
HOT
MODERATE
COLD
FOG

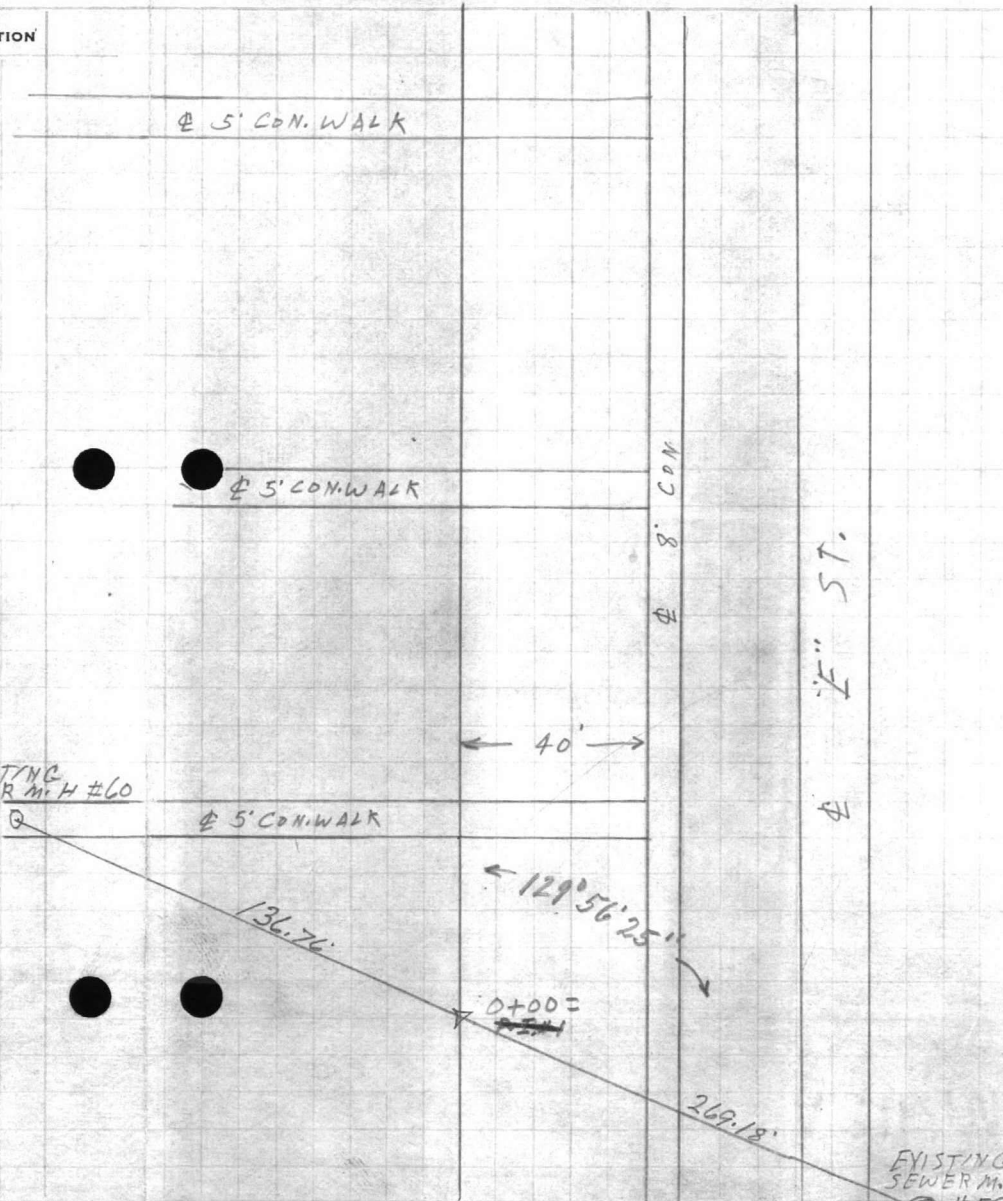
FILE No. _____
FLDR. No. _____
SHEET 1 of 1
DATE 5-21 1956
FIGURED BY _____
NOTES CHECKED BY _____
PLOTTED BY _____

Quad. No. _____

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER: ANG.
DIFF. | ELEVATION |
|---------------------------------------|-----------|----------------|----|------------------|--------------------|-----------|
| 7+72 | <u>25</u> | | | | | |
| 7+47 | <u>25</u> | | | | | |
| 5' CON. WALK ✓ | | | | | | |
| 4+31 | <u>82</u> | | | | | |
| 4+26 | <u>82</u> | | | | | |
| 5' CON. WALK ✓ | | | | | | |
| 0+90 | <u>86</u> | | | | | |
| 0+85 | <u>86</u> | | | | | |
| 5' CON. WALK ✓ | | | | | | |
| 0+70 | <u>85</u> | | | | | |
| 0+17 | <u>29</u> | | | | | |
| 25' RT. 8" OAK ✓
29' RT. 12" OAK ✓ | | | | | | |
| AT 0+00 | 1 | 230 | 03 | 45 | | |
| BS. SEWER | 3 | 330 | 10 | 45 | | |
| M.H. #59 | M | 230 | 03 | 35 | | |
| TD P.I. # | | | | | | |
| # | | | | | | |

7 72
25
1 27 75

354-59-60
230-03-35
129-56-26



EXISTING SEWER M.H. #59

AT 0+00 =

P.I. # 1

① 230° 03' 45"

③ 330° 10' 45"

| | | | |
|---|--------------|-----------------|---------------|
| 3 | 690° 10' 45" | ^{10'S} | ⁴⁵ |
| | | <u>60</u> | <u>45</u> |
| | | | 105 |
| | | | 230° 03' 35" |

VALUABLE

SUBJECT _____

RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

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 204
 DATE _____ 19__

Quad. No. _____

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

12+64⁹⁸
 12+59⁹⁸ 5' CON. WALK.

⊕ 5' CON. WALK

TRUNK

SEWER

PROPOSED

WALK.

CON.

8'

ST.

5'

10+18⁹⁷
 10+13⁹⁷ 5' MARL WALK ✓

⊕ 5' MARL WALK.

⊕

VALUABLE

SUBJECT _____

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

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 _____ 19__

Quad. No. _____

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

~~P.I. #1 14+17.12~~ ~~5' 04" LINE BACK~~ ~~RT GUY WIRE~~

Revision
15+97.00 Old
= 63+65.18 New

16+34 54' RT. P.P. A189

16+15 36.70' RT. 7" OAK

16+11.60 EDGE 8' CON. WALK.

16+03.25 EDGE 8' CON. WALK

63+80 15+80 50.60 RT. P.P. R.ZA 18 57.60' RT. EDGE 8' CON. WALK

63+86 15+74 EDGE M.S.R.

64+09.40 15+50.60 EDGE M.S.R.

64+26 15+36.19 39' 1/4" INTERSECTION M.S.R. & 8' CON. WALK.

64+45 17.00 EDGE 10' CON. WALK.

64+53 108.80 EDGE 10' CON. WALK

64+62 03.50 51' TEL. M.H

64+65 120 34.90' WATER VALVE

64+69 197 40.30' WATER VALVE

64+74 74 39' 2/4" INTERSECTION 10' X 8' CON. WALK.

64+77 34+89 43.70' RT. WATER VALVE 50.60' RT. P.P. R.ZA 17

64+77 44+86 25.30' RT. 5" OAK

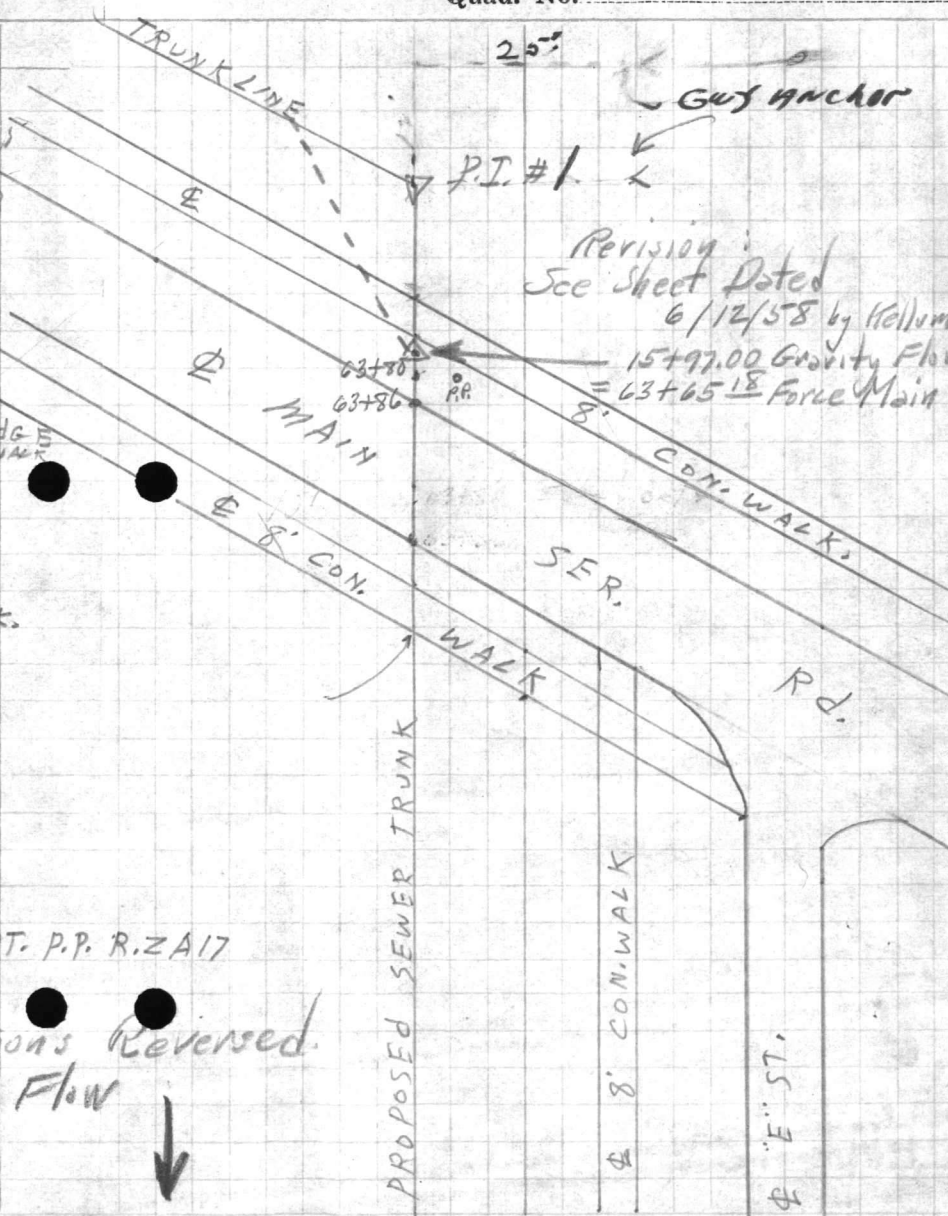
= 64+82.18 Force Main

Sta. 14+80 Beginning of Gravity Flow

Back toward 0+00

↑ Stations Reversed.

↓



ALABAMA
RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEONARD
SOUTH CAROLINA

WEATHER
CLEAR
DRY
WIND
TEMP
HUMIDITY
PRESSURE
WIND DIRECTION
WIND VELOCITY
WIND FORCE
WIND STATE
WIND EFFECT
WIND CHARACTER
WIND DIRECTION
WIND VELOCITY
WIND FORCE
WIND STATE
WIND EFFECT
WIND CHARACTER

WIND VELOCITY
WIND DIRECTION
WIND FORCE
WIND STATE
WIND EFFECT
WIND CHARACTER
WIND DIRECTION
WIND VELOCITY
WIND FORCE
WIND STATE
WIND EFFECT
WIND CHARACTER

STATION
DATE
TIME
ELEVATION
DIRECTION
ANGLE
MAGNITUDE
H. I. V. A. S. E.



VALUABLE

SUBJECT _____

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

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 4th

DATE _____

19 _____

Quad. No. _____

21-63
20+27.54
1+35.40

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER: ANG.
DIFF. | ELEVATION |
|---------|-------|----------------|---|------------------|--------------------|-----------|
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| | | | | | | |
|---------------|-----------|--|--|------------------------|-------|--|
| | | | | | 28.46 | |
| P.I.# 2 | | | | | | |
| 32 | 20+54 | | | L.H. | | |
| 2-9+30 | 20+54 | | | 9' RT. A 193 | | |
| 59+42 | 20+39 | | | 20' RT. 8' OAK | | |
| 60+21 | 19+65 | | | 20' RT. 10' OAK | | |
| 60+33 | 19+50 | | | 10' RT. P.P. A 192 | | |
| 60+29 | 18+92 | | | 20' RT. 4' OAK | | |
| 61+26 | 18+58 | | | 4' RT. 20' CHERRY TREE | | |
| 61+66 | 18+20 | | | 10' RT. P.P. A 191 | | |
| 61+77 | 18+07 | | | EDGE 5' CON. WALK | | |
| 61+55 | 18+02 | | | EDGE 5' CON. WALK | | |
| 62+31 | 17+92 | | | 61+93 | | |
| 17+54 | 17+86 | | | EDGE 5' CON. WALK | | |
| 10' RT. P.P. | 17+41 | | | 20' RT. 6' OAK | | |
| PECON. | 17+67 | | | 11' RT. P.P. A 190 | | |
| Revision: 570 | 16+48 | | | 19.40' RT. 5' OAK | | |
| 17+22 | 16+31.3 | | | on old stationing | | |
| AT P.I.# 1 | 106 57 30 | | | | | |
| B.S. #0+00 | 320 53 00 | | | | | |
| To # 2 | 106 57 40 | | | | | |

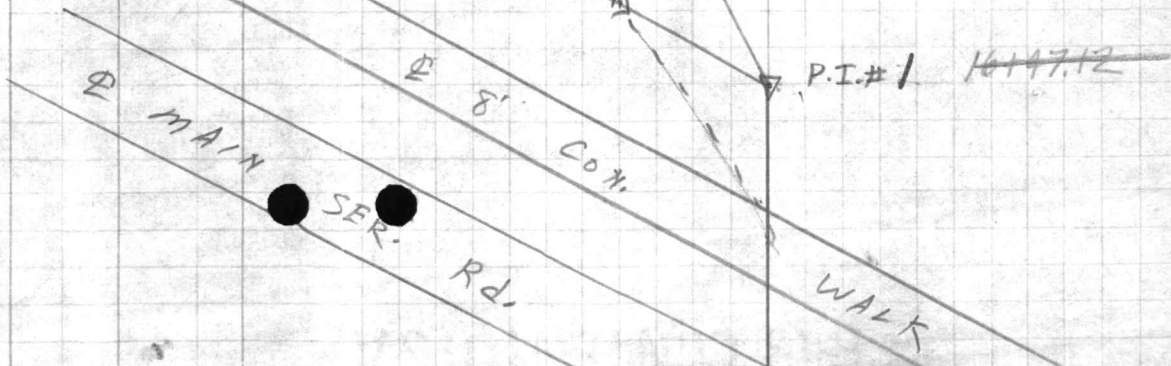
MON.# 326

P.I.# 2

Revision:
Old Sta. 16+99.05
= 62+63.13 New

P.I.# 1

16+47.12



① 104 57 30

③
$$\begin{array}{r} 3 \overline{) 320} \\ \underline{300} \\ 20 \\ \underline{20} \\ 00 \end{array}$$

104 57 40

VALUABLE

SUBJECT _____

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

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. _____

FLDR. No. _____

FIGURED BY _____

SHEET 4A

NOTES CHECKED BY _____

PLOTTED BY _____

DATE _____

19__

Quad. No. _____

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

Area #1
Water Tank

MON. #326

327.99

P.I.# 1

TO D+00 = P.I.#1

AT MON. #326 1 153 27 30
B.S. P.I.#1 3 100 22 45
TO WATER TANK #1 AREA 7 153 27 35

327.99

AT P.I.#1 (1) 130 23 15
B.S. P.I.#0+00 (3) 31 09 15
TO MON.#326 (M) 130 23 05

①
$$\begin{array}{r} 130\ 23\ 15 \\ \quad \quad \quad 3 \\ \hline 391\ 09\ 45 \end{array}$$

③ $310\ 09\ 15''$

$$\begin{array}{r} 3 \overline{) 391^{\circ} 09' 15''} \\ \underline{130\ 23\ 05''} \end{array}$$

VALUABLE

SUBJECT

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

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

DATE

19

Quad. No. _____

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

P.I. # 3

18.26
~~55+76.44~~
24+67.44

| | | | | | | |
|---------------------|-------|--------|-----|-----|-------------------|--|
| 55+38 28 | 24+57 | 19.50' | RT. | 10" | DAK | |
| 55+70 | 24+15 | 10' | RT. | | P.P. A196 | |
| 55+79 | 24+06 | | | | EDGE POST LANE | |
| 56+01 | 23+83 | 21' | | | EDGE POST LANE | |
| 56+18 | 23+44 | 9.60' | RT. | | Φ DRDP INLET | |
| 56+29 | 23+55 | 31' | | | EDGE L' CON. WALK | |
| 56+33 | 23+49 | 31' | | | EDGE C' CON. WALK | |
| 56+48 | 23+34 | 16.40' | RT. | 12" | DAK | |
| 57+01 | 22+83 | 44.60' | RT. | | GUY POLE A195A | |
| 57+01 | 22+83 | 14.70' | RT. | | P.P. A195 | |
| 57+24 | 22+40 | 17' | RT. | 12" | DAK | |
| 57+51 | 21+87 | 18' | RT. | 12" | DAK | |
| 58+22 | 21+43 | 11' | RT. | | P.P. A19A | |
| 58+35 | 21+12 | 18.50' | RT. | 12" | DAK | |

RD.

SER.

Φ MAIN

Φ 8' CON. WALK

PROPOSED SEWER TRUNK

2467.44
2057.24

410.20

PI. # 2 59+28.46

ATPI # 2 (1) 178 22.00
B.S. # 1 (3) 175 05.45 ✓
TO # 3 (M) 178 21.55

ALABAMA

SUBJECT

STATION TO
STATION FROM
DATE
TIME

STATION

AND

REPORTING OFFICER

ENCLOSURE

FIELD PARTY
IN CHARGE
INSTRUMENT
NOTE
TYPE READ
DATE OF FCU
TYPE OF LOG
SHEET NO.
TAP NO.

WEATHER
CLEAR
CLOUDY
WINDY
RAIN
FOG
HUMIDITY
TEMPERATURE
WIND DIRECTION
WIND VELOCITY
WIND FORCE
WIND STATE
WIND TYPE
WIND COLOR
WIND TASTE
WIND SMELL
WIND SOUND
WIND TOUCH
WIND TASTE
WIND SMELL
WIND SOUND
WIND TOUCH

FIELD NO.
DATE
TIME
PLACE



VALUABLE

SUBJECT

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

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. _____

176-19-50
352-39-40

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

96.80
50+7501
P.I.# 4 28+88.99
2

51+31 28+55 → EDGE VIR. DARE DR

51+53 28+32.92 EDGE VIR DARE DR.

51+78 28+15 10.70' LT. P.P. A199

51+78 28+15 24.70' RT. FIREALARM BDX.

51+78 28+05.87 EDGE 5' CON. WALK

51+85 28+00.82 EDGE 5' CON. WALK

51+90 27+96 17' RT. 8" OAK

52+75 27+14 16' RT. 6" OAK

52+93 26+93 13.50' LT. P.P. A198

53+70 26+24 17' RT. 10" OAK

54+31 25+55 10' LT. P.P. A197

24+51 25+35 18.40' RT. 6" OAK

AT P.I.#3 1 176 20 00

B.S #2 3 168 59 30 ✓

T.O #4 17 176 19 50

MAIN SER. Rd.

5' CON. WALK.

♀ VIRGINIA DARE DR.

♀ 5' CON. WALK.

▽ P.I.# 4
34'

▽ P.I.# 3 55+18.26

$$\begin{array}{r} \textcircled{1} \quad 176 \ 20 \ 00 \\ \underline{ 5 \ 29 \ 00 \ 0 \ 0} \\ \end{array}$$

$$\textcircled{3} \quad 168 \ 59 \ 30$$

$$\begin{array}{r} 3/5 \ 2'8 \ 59 \ 30'' \\ \underline{ 1 \ 76 \ 19 \ 50''} \\ \end{array}$$

VALUABLE

SUBJECT _____

 RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

FIELD PARTY

 IN CHARGE

 INSTRUMENT

 NOTES

 TAPE READ

 TAPE OR ROD

 TAPE OR ROD

 INSTRUMENT No. _____
 TAPE No. _____

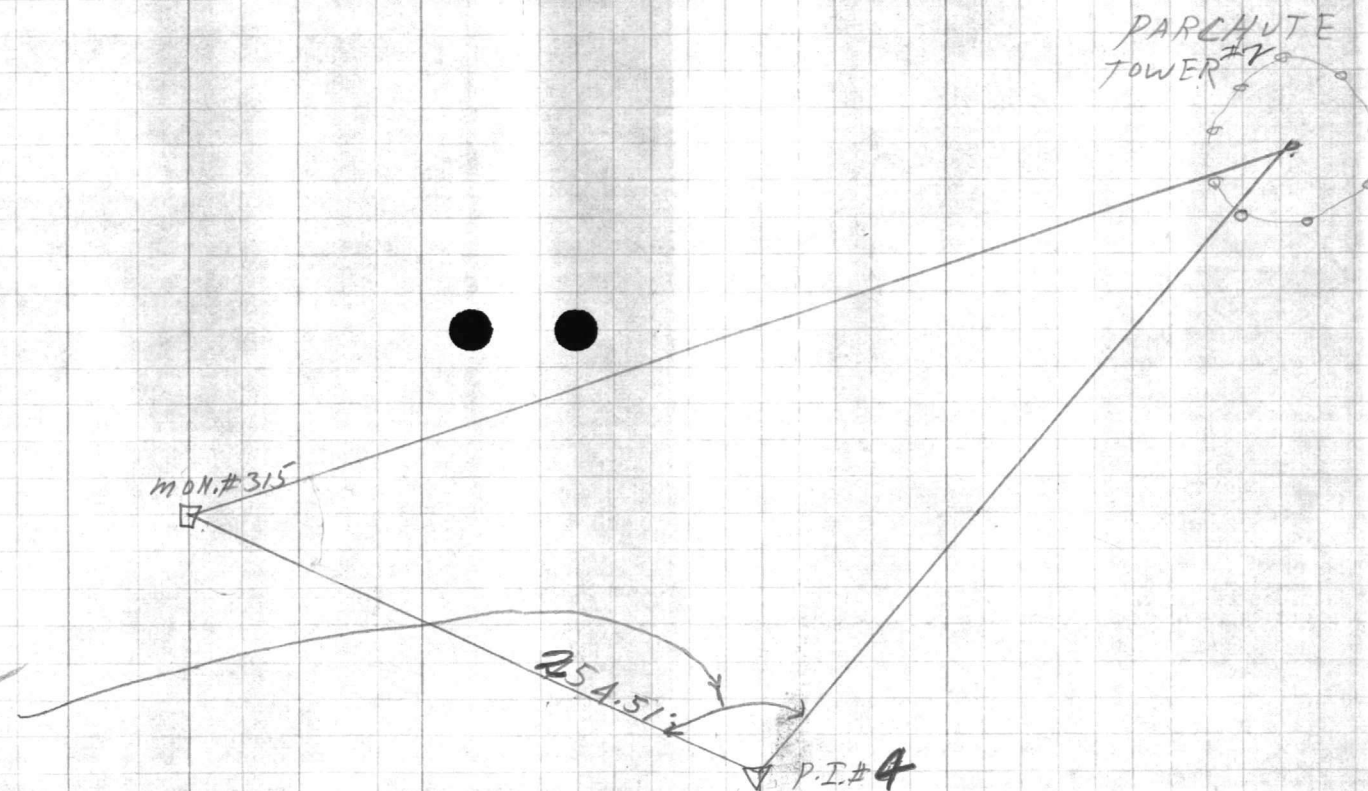
WEATHER

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 |
|-----------------------|-------|----------------|---|------------------|--------------------|-----------|
| ✓
TAT MON
315 | 1 | 320 31 30 | | | | |
| B.S. P.I.#4 | 3 | 241 34 15 | | | | |
| TO PARACHUTE
TOWER | M | 320 31 25 | | | | |
| NEAREST H.D. COMB | | | | | | |
| ✓
TAT P.I.#4 | 1 | 138 19 45 | | | | |
| B.S. MON
#315 | 3 | 54 59 00 | | | | |
| TO PARACHUTE
TOWER | M | 138 19 40 | | | | |
| ✓
TAT #4 | 1 | 114 05 00 | | | | |
| B.S. #3 | 3 | 372 15 00 | | | | |
| TO MON.
315 | M | 114 05 00 | | | | |



$$\begin{array}{r}
 \textcircled{1} \quad 320 \quad 31 \quad 30 \\
 \hline
 961 \quad 34 \quad 30 \\
 920 \\
 \hline
 241 \quad 94 \quad 75 \\
 3 \overline{) 961 \quad 34 \quad 15} \\
 \hline
 320 \quad 31 \quad 25
 \end{array}$$

$$\begin{array}{r}
 \textcircled{1} \quad 114 \quad 05 \quad 00 \\
 \hline
 \textcircled{3} \quad 342 \quad 15 \quad 00
 \end{array}$$

$$\textcircled{M} \quad 114^\circ \quad 05' \quad 00''$$

$$\begin{array}{r}
 \textcircled{1} \quad 138 \quad 19 \quad 45 \\
 \hline
 414 \quad 59 \quad 15 \\
 340 \\
 \hline
 54 \quad 59 \quad 15 \\
 3 \overline{) 414 \quad 59 \quad 00} \\
 \hline
 138 \quad 19 \quad 40
 \end{array}$$

PUBLIC WORKS DEPARTMENT
Camp Lejeune, North Carolina
Survey Department

100.00
2888.90
11.10
310

File 160-F
Quadrangle 160-140-120
Date 5/21/56
Sheet #1 of 1

Traverse Computation
Description

Proposed Trunk Sewer - Reg. Area #2 to Brewster Blvd.

| Station | Distance | Bearing | Cosine | Sine | Latitude | Departure | Y Coordinate North | X Coordinate East |
|--|--------------------|-------------|-----------|--------------------|------------|---------------|--------------------|-------------------|
| W.S.H.G. MON. # 326 | | 516°46'56"E | from | Area #1 | WATER TANK | | 338,763.67 | 2,496,167.05 |
| P.I. #1 Proposed Trunk sewer | 327.94 | 59-45-29 W | 985.5322 | 169.4881 | 323.20 | 55.58 | 338,440.47 | 2,496,111.47 |
| * P.I. #0 = int. of exist. sewer | 1647.12 | 59-22-24 W | 509.4420 | 860.5050 | 839.11 | 1417.35 | 337,601.36 * | 2,494,694.12 * |
| Existing M.H. # 59 | 269.18 | 59-18-49 W | 986.8173 | 161.8384 | 265.63 | 43.56 | 337,335.73 | 2,494,650.56 |
| P.I. #0 = intersection of existing sewer and 0+00 Proposed Trunk sewer | 1647.12 | N9-18-49 E | from | Existing M.H. # 59 | | | 337,601.36 * | 2,494,694.12 * |
| P.I. #1 (Revised) | 1647.12 | N59-22-24 E | 509.4420 | 860.5050 | 839.12 | 1417.35 + .15 | 338,440.47 | 2,496,111.47 |
| P.I. #2 #2 59+ ^{28.46} 1675.66 | 410.12 | N13-39-56 W | 971.6913 | 236.2540 | 398.56 | 96.89 + .05 | 338,838.98 | 2,496,019.58 |
| P.I. #3 #3 55+ ^{19.26} 1694.92 | 410.20 | N15-18-01 W | 964.5561 | 263.8777 | 395.66 | 108.24 + .05 | 339,234.64 | 2,495,906.37 |
| P.I. #4 #4 50+ ^{76.80} 1771.72 | 421.46 | N18-58-11 W | 945.6905 | 325.0684 | 398.62 | 137.00 + .05 | 339,633.41 | 2,495,769.34 |
| MON. # 315 | 254.51 | N84-53-11 W | 089.1309 | 996.0199 | 22.69 | 253.50 + .03 | 339,656.16 | 2,495,516.05 |
| Parachute tower #2 | | N55°39'16"E | | | | | 339,655.89 | 2,495,516.05 |
| | | | | | | | .27 | .21 |
| | | 55-38-14 | -0°01'02" | Error NOT Adjusted | | | | |
| P.I. #5 TO Parachute tower #2 | 27.31 | N53-26-29 E | | | | | | |

* worked backwards to arrive AT coord. of initial takeoff. intersection of existing sewer and proposed trunk sewer

3143 ÷ 20.27² + 0.21² = 119,244
STATIONS IN RED WORKED BACKWARDS FROM WALLACE CREEK LIFT STA.

Use ↓

PUBLIC WORKS DEPARTMENT
Camp Lejeune, North Carolina
Survey Department

File 160-F
Quadrangle 160-140-120
Date 6/21/56
Sheet #2 of

Traverse Computation
Description

Proposed Trunk Sewer - Reg. Area # 2 to Brewster Blvd.

| Station | Distance | Bearing | Cosine | Sine | Latitude | Departure | Y Coordinate North | X Coordinate East |
|--|----------|-------------|--------|--------|--------------------------------------|--|--------------------|-------------------|
| P.I. #4 at ^{Main Service Rd.} + Virginia Dare Drive | | N53°27'31"E | | | | | 339,633.47 | 2,495,769.52 |
| P.I. #5 32+56.7 | 367.80 | N4-44-43 E | 996572 | 082726 | 366.54 ⁵⁵ _{.01} | 30.43 ⁵⁸ _{.15} | 340,000.02 | 2,495,800.10 |
| P.I. #6 43+37.7 | 1081' | N2-05-58 E | 999329 | 036634 | 1080.27 ²⁹ _{.02} | 39.60 ⁸⁰ _{.20} | 341,080.31 | 2,495,839.90 |
| P.I. #7 51+79.7 | 842' | N13-01-26 E | 974276 | 225357 | 820.34 ³⁶ _{.02} | 189.75 ^{190.71} _{.96} | 341,900.67 | 2,496,030.61 |
| P.I. #8 82+34.7 | 3055' | N00-35-50 W | 999946 | 010423 | 3054.84 ⁹¹ _{.07} | 31.84 ⁶⁹ _{.15} | 344,955.58 | 2,495,998.92 |
| P.I. #4 Lift Station 96+44.70 | 1410' | N9-42-06 W | 985699 | 168518 | 1389.84 ⁸⁷ _{.03} | 237.61 ^{236.40} _{1.20} | 346,345.45 | 2,495,762.52 |
| Mon. #17 | 339.35 | N4-33-08 W | 996845 | 079368 | 338.28 ²⁹ _{.01} | 26.93 ⁷⁹ _{.14} | 346,683.74 | 2,495,735.73 |
| | | | | | | | 346,683.58 | 2,495,732.92 |
| To Mon #16 | | N22°55'56"E | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

7095 Err +00°03'39" Adj.

+ 7050.11 + 259.78 - 0.16 - 2.81
- 296.38
- 36.60

$7,095 \div \sqrt{0.16^2 + 2.81^2} = 11.2525$

RESEARCH DEPARTMENT
Camp Lejeune, North Carolina
Army Department

10.13.99
9.00

1.13.99

14 00 00
12 64 98

1 35 02

9 00 00
7 72 25

1 27 25

9 00 00
1 27 25

2 72 25

7 72 25
1 27 25

9 00 00

14 00 00
12 64 98

1 35 02

12 64 98

1 35 02

14 00 00

VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT Profile ON trestle
Supporting water & sewer
Lines Across Wallace
Creek AT Main Service Rd.

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 1-07
DATE 6-13 1958

Quad. No. _____

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER. ANG.
DIFF. | ELEVATION |
|---------|---------|----------------|------|------------------|--------------------|-----------|
| B.M. | | | | | | 8.79 |
| Bent #1 | 1+87.76 | | 0.52 | 9.31 | 5.46 | 3.85 |
| " #2 | 2+05.53 | | | | 5.27 | 4.04 |
| " #3 | 2+23.69 | | | | 5.16 | 4.15 |
| " #4 | 2+41.57 | | | | 5.07 | 4.24 |
| " #5 | 2+59.69 | | | | 4.88 | 4.43 |
| " #6 | 2+77.74 | | | | 4.78 | 4.53 |
| " #7 | 2+96.19 | | | | 4.60 | 4.71 |
| " #8 | 3+13.76 | | | | 4.52 | 4.79 |
| " #9 | 3+31.92 | | | | 4.34 | 4.97 |
| " #10 | 3+49.76 | | | | 4.20 | 5.11 |
| " #11 | 3+67.96 | | | | 4.07 | 5.24 |
| " #12 | 3+85.88 | | | | 3.99 | 5.32 |
| " #13 | 4+03.75 | | | | 3.81 | 5.50 |
| " #14 | 4+21.88 | | | | 3.69 | 5.62 |

ON BACK Bolt of Fire Hyd. near North
End of Wallace Creek Bridge

NOTE:

Elevations shown are
ON EAST END of
PI/B Cap over Pile.
BENT NUMBERS ARE
SAME AS SHOWN ON
NOTES DATED 6-3-58

STATION
DATE
TIME
OFFICE
NAME

STATION
DATE
TIME
OFFICE
NAME

NAME
ADDRESS
CITY
STATE
ZIP
PHONE

STATION
DATE
TIME
OFFICE
NAME

VALUABLE

SUBJECT

Trestle Profile contd.

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

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. _____

FLDR. No. _____

FIGURED BY _____

SHEET

2-07

NOTES CHECKED BY _____

PLOTTED BY _____

DATE

6-13-58

Quad. No. _____

| STATION | DIST. | ANGLE | | H. I.
BEARING | VER. ANG.
DIFF. | ELEVATION |
|----------|-------|-------|-------|------------------|--------------------|-----------|
| | | ° | ' " | | | |
| | | | | 9.31 | | |
| BENT #15 | | 4 | 39.73 | | 3.52 | 5.79 |
| " #16 | | 4 | 57.85 | | 3.44 | 5.87 |
| " #17 | | 4 | 75.82 | | 3.26 | 6.05 |
| " #18 | | 4 | 93.90 | | 3.09 | 6.22 |
| " #19 | | 5 | 11.30 | | 2.97 | 6.34 |
| " #20 | | 5 | 29.31 | | 2.86 | 6.45 |
| " #21 | | 5 | 47.00 | | 2.76 | 6.55 |
| " #22 | | 5 | 65.14 | | 2.62 | 6.69 |
| " #23 | | 5 | 83.08 | | 2.45 | 6.86 |
| " #24 | | 6 | 01.25 | | 2.29 | 7.02 |
| " #25 | | 6 | 19.15 | | 2.18 | 7.13 |
| " #26 | | 6 | 37.14 | | 2.04 | 7.27 |
| " #27 | | 6 | 55.23 | | 2.00 | 7.31 |
| " #28 | | 6 | 73.22 | | 1.85 | 7.46 |
| " #29 | | 6 | 91.16 | | 1.81 | 7.50 |

ATTENTION

RETURN TO
DEPT. OF COMMERCE
OFFICE
OF THE SECRETARY
WASHINGTON, D.C.

STATION: _____
DATE: _____
TIME: _____
FROM: _____
TO: _____

FILE NO. _____
CLASSIFICATION _____
DATE OF ISSUE _____
ISSUED BY _____
TABLE NO. _____
TABLE ON _____
TABLE NO. _____



GOVERNMENT PRINTING OFFICE
WASHINGTON, D.C.

VALUABLE

SUBJECT

Trestle Profile
contd.RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

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. _____

FLDR. No. _____

FIGURED BY _____

SHEET

3-04

NOTES CHECKED BY _____

DATE

6-13-58

PLOTTED BY _____

Quad. No. _____

| STATION | DIST. | ANGLE | | + | H. I.
BEARING | VER. ANG.
DIFF. | ELEVATION |
|-----------|---------|-------|---|---|------------------|--------------------|-----------|
| | | ° | " | | | | |
| BENT # 30 | 7+09.11 | | | | 9.31 | 1.70 | 7.61 |
| " # 31 | 7+26.96 | | | | | 1.62 | 7.69 |
| " # 32 | 7+44.96 | | | | | 1.59 | 7.72 |
| " # 33 | 7+62.86 | | | | | 1.53 | 7.78 |
| T. P. | | | | | 4.3012.08 | 1.53 | 7.78 |
| BENT # 34 | 7+81.02 | | | | | 4.28 | 7.60 |
| " # 35 | 7+99.06 | | | | | 4.24 | 7.84 |
| " # 36 | 8+16.77 | | | | | 4.23 | 7.85 |
| " # 37 | 8+34.75 | | | | | 4.18 | 7.90 |
| " # 38 | 8+52.92 | | | | | 4.19 | 7.89 |
| " # 39 | 8+70.69 | | | | | 4.25 | 7.83 |
| " # 40 | 8+88.67 | | | | | 4.27 | 7.81 |
| " # 41 | 9+06.65 | | | | | 4.19 | 7.89 |
| " # 42 | 9+24.88 | | | | | 4.25 | 7.83 |

VALUABLE

SUBJECT

*Trestle profile contd.*RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

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. _____

FLDR. No. _____

FIGURED BY _____

SHEET

4-07

NOTES CHECKED BY _____

PLOTTED BY _____

DATE

6-13 1958

Quad. No. _____

| STATION | DIST. | ANGLE | | + | H. I.
BEARING | VER. ANG.
DIFF. | ELEVATION |
|-----------------|-------|-----------|--------------|---|------------------|--------------------|-------------|
| | | ° | " | | | | |
| | | | | | <i>12.08</i> | | |
| <i>BPNT #43</i> | | <i>9</i> | <i>43.05</i> | | | <i>4.21</i> | <i>7.87</i> |
| <i>" #44</i> | | <i>9</i> | <i>60.86</i> | | | <i>4.09</i> | <i>7.99</i> |
| <i>" #45</i> | | <i>9</i> | <i>78.87</i> | | | <i>4.08</i> | <i>8.00</i> |
| <i>" #46</i> | | <i>9</i> | <i>96.99</i> | | | <i>4.07</i> | <i>8.01</i> |
| <i>" #47</i> | | <i>10</i> | <i>14.83</i> | | | <i>4.05</i> | <i>8.03</i> |
| <i>" #48</i> | | <i>10</i> | <i>33.11</i> | | | <i>4.03</i> | <i>8.05</i> |
| <i>" #49</i> | | <i>10</i> | <i>53.24</i> | | | <i>4.01</i> | <i>8.07</i> |
| <i>" #50</i> | | <i>10</i> | <i>68.79</i> | | | <i>3.97</i> | <i>8.11</i> |
| <i>" #51</i> | | <i>10</i> | <i>86.57</i> | | | <i>3.99</i> | <i>8.09</i> |
| <i>" #52</i> | | <i>11</i> | <i>04.44</i> | | | <i>3.99</i> | <i>8.09</i> |
| <i>" #53</i> | | <i>11</i> | <i>22.82</i> | | | <i>4.03</i> | <i>8.05</i> |
| <i>" #54</i> | | <i>11</i> | <i>40.86</i> | | | <i>3.98</i> | <i>8.10</i> |
| <i>" #55</i> | | <i>11</i> | <i>58.47</i> | | | <i>3.96</i> | <i>8.12</i> |
| <i>" #56</i> | | <i>11</i> | <i>76.56</i> | | | <i>3.93</i> | <i>8.15</i> |

VALUABLE

ISSUED TO
BY
OFFICE
DATE
BY

STATION DIST

WIND VELOCITY
DIRECTION
ELEVATION

FIELD PARTY
IN CHARGE
INSTRUMENT
DATE
TYPE OF JOB
TYPE OF ROD

WEATHER
TEMPERATURE
WIND
MOISTURE
CLOUDS
STATE OF SKY
STATE OF GROUND

FIELD NO.
E.O.M. NO.
DATE



VALUABLE

SUBJECT

*Trestle profile cont'd.*RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

FIELD PARTY

IN CHARGE

INSTRUMENT

NOTES

TAPE READ

TAPE OR ROD

INSTRUMENT NO.

TAPE NO.

WEATHER

CLEAR
CLOUDY
WINDY
RAIN
FAIR
SNOW
HOT
MODERATE
COLD
FOG

FILE No. _____

FLDR. No. _____

SHEET *5-01*DATE *6-13 1958*

FIGURED BY _____

NOTES CHECKED BY _____

PLOTTED BY _____

Quad. No. _____

| STATION | DIST. | ANGLE | | | H. I.
BEARING | VER. ANG.
DIFF. | ELEVATION |
|------------------|-------|-----------|-----------|---|------------------|--------------------|-------------|
| | | ° | ' | " | | | |
| | | | | + | <i>12.08</i> | | |
| <i>BENT # 57</i> | | <i>11</i> | <i>44</i> | | | <i>3.92</i> | <i>8.16</i> |
| <i>" # 58</i> | | <i>12</i> | <i>12</i> | | | <i>3.92</i> | <i>8.16</i> |
| <i>" # 59</i> | | <i>12</i> | <i>30</i> | | | <i>3.90</i> | <i>8.18</i> |
| <i>" # 60</i> | | <i>12</i> | <i>48</i> | | | <i>3.86</i> | <i>8.22</i> |
| <i>" # 61</i> | | <i>12</i> | <i>46</i> | | | <i>3.87</i> | <i>8.21</i> |
| <i>" # 62</i> | | <i>12</i> | <i>44</i> | | | <i>3.86</i> | <i>8.22</i> |

B.M. *3.98* *8.10*
(8.08)

*BACK BOLT ON FIRE HYD. NEAR
SOUTH END OF WALLACE CREEK BRIDGE*

VALUABLE

SUBJECT Water Line Elev.
Under side walk in
Area # 2
Capelart sewer Loc.

RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

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 1-0/1
 DATE 7-1 1938

Quad. No. _____

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER: ANG.
DIFF. | ELEVATION |
|---------|-------|----------------|---|------------------|--------------------|--------------|
| B.M. | | | | | | 28.90 |
| | | 2.78 | | 31.68 | | |
| | | | | 4.28 | | |
| | | | | .33 | | |
| | | | | 2.51 | | |
| | | | | <u>8.12</u> | | <u>23.56</u> |

Sta. 64 + 52.38

"E" Street

Spike in power pole RZA-17

Top of side walk
 Thickness of slab
 Bottom of slab to top of
 12" water main

TYPE 72

PLATE

SHEET

DATE

WEATHER
 WIND
 CLOUDS
 MOON
 TEMPERATURE
 HIGHS
 LOWS
 WIND DIRECTION
 WIND VELOCITY
 VISIBILITY
 STATE OF SKY
 NAME OF OBSERVER
 PLACE
 DATE

WIND DIRECTION
 WIND VELOCITY
 VISIBILITY
 STATE OF SKY
 NAME OF OBSERVER
 PLACE
 DATE

STATION

NO.

DATE

TIME

PLACE

NAME

STATION

NO.

TABLE

REVENUE
PUBLIC WORKS
OFFICE
AND
CITY

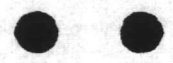
DATE

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FIELD PARTY
IN CHARGE
DATE
PLACE
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MATERIALS
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OTHER

REMARKS
CLOUD
WIND
TEMP.
MOON
STAR
PLANET
OTHER

DATE
TIME
PLACE
MILEAGE
MATERIALS
EQUIPMENT
OTHER



REVENUE ENGINEERING DEPARTMENT
CITY OF WASHINGTON

VALUABLE

RETURN TO
BUREAU OF LANDS
OFFICE
CAROL RICHMOND
NORTH CAROLINA

STATION DIST. ANGLE

BEARING DIST.

W. T. VER. BR. DIVISION

FIELD PARTY

IN CHARGE

INSTRUMENT

DATE

TAPED READ

TAPED OR NOT

TAPED OR NOT

TRUMENT. NO.

DATE

WEATHER

WIND

TEMP.

MOISTURE

COND.

FOR

THROUG BY

NOTED CHECKED BY

DATE

FIELD NO.

PLANT NO.

SHEET

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PLANT NO.

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FIELD NO.

PLANT NO.

SHEET


DATE

FIELD NO.

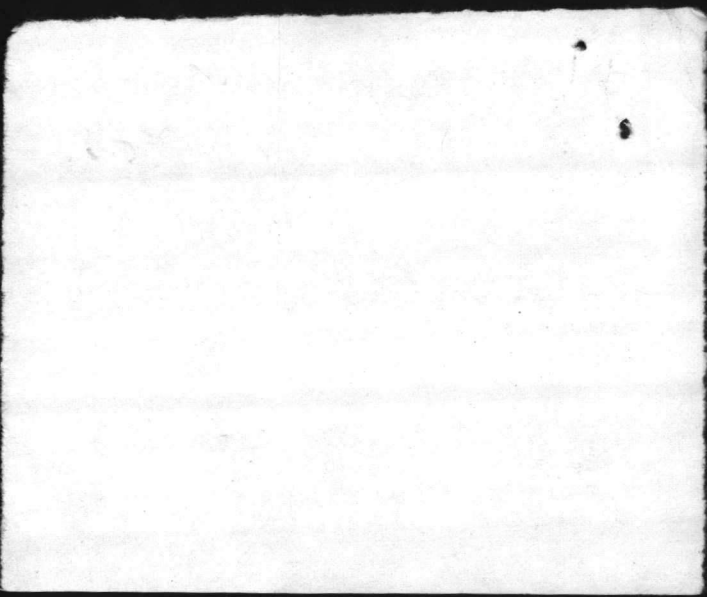
PLANT NO.

SHEET

DATE



Force Main
From Lift Sta.
to "E" Street



VALUABLE

SUBJECT

Miscell. Utility

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

Elevations
on Force Main

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 _____

DATE _____

20

Quad. No. _____

050
220
50

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER. ANG.
DIFF. | ELEVATION | | |
|-------------------------------|-------|----------------|----------|------------------|--------------------|-----------|----------------------------------|---------------------|
| B. m. | | | 419 | 29 98 | | 25 79 | SPIKE IN PP# A-205 | |
| 32+72⁵⁰ | | | 46+93.20 | | 7 61 | 22.37 | TOP TEL. CABLE | 755
112
557 |
| 33+97 | | | 45+88.70 | | 8 05 | 21.93 | TOP 3" C.I. WATER | 355
33
2 |
| 35+48⁵⁰ | | | 44+37.20 | | 8 57 | 21.31 | TOP STEAM | 755
263
520 |
| 35+50²⁰ | | | 44+35.70 | | 8 47 | 21.31 | TOP STEAM | |
| 37+8T | | | 42+04.70 | | 7 20 | 22.78 | TOP 6" SEWER (T.C.) | 288
750 |
| 38+06 | | | 41+79.70 | | 8 20 | 21.78 | TOP 3" C.I. WATER | 1043 |
| 38+13 | | | 41+72.70 | | 7 20 | 22.78 | TOP ANCHOR | 24.5
22.8
1.8 |
| B. m. | | | 42228 | 55 | | 24 33 | MON.# 309 | |
| 45+156⁰ | | | 34+70.10 | ✓ | 8 10 | 20.45 | TOP 2'x6" BOARD OVER FLEC. CABLE | |
| B. m. | | | 301 | 27 68 | | 24 67 | SPIKE IN PP# B-192 | |
| 49+18⁵⁰ | | | 30+17.20 | | 7 22 | 20 46 | TOP BLACKOUT FLEC. CABLE | |
| B. m. | | | 3.66 | 24.02 | | 20 36 | SPIKE IN PP# B-189 | |
| 55+59²⁰ | | | 24+25.80 | | 10 43 | 13.59 | TOP 6" C.I. | |

FILE NO.

DATE
GROUP
NO. 10

FIELD NO.
DATE
GROUP

SHEET

NO. 10

DATE

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FILE NO.

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GROUP
NO. 10

SHEET

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DATE

NO. 10

VALUABLE
 RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

 SUBJECT ELEV. & LOCATION
UNDER GROUND CABLES
& PIPES
- Force Main -

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

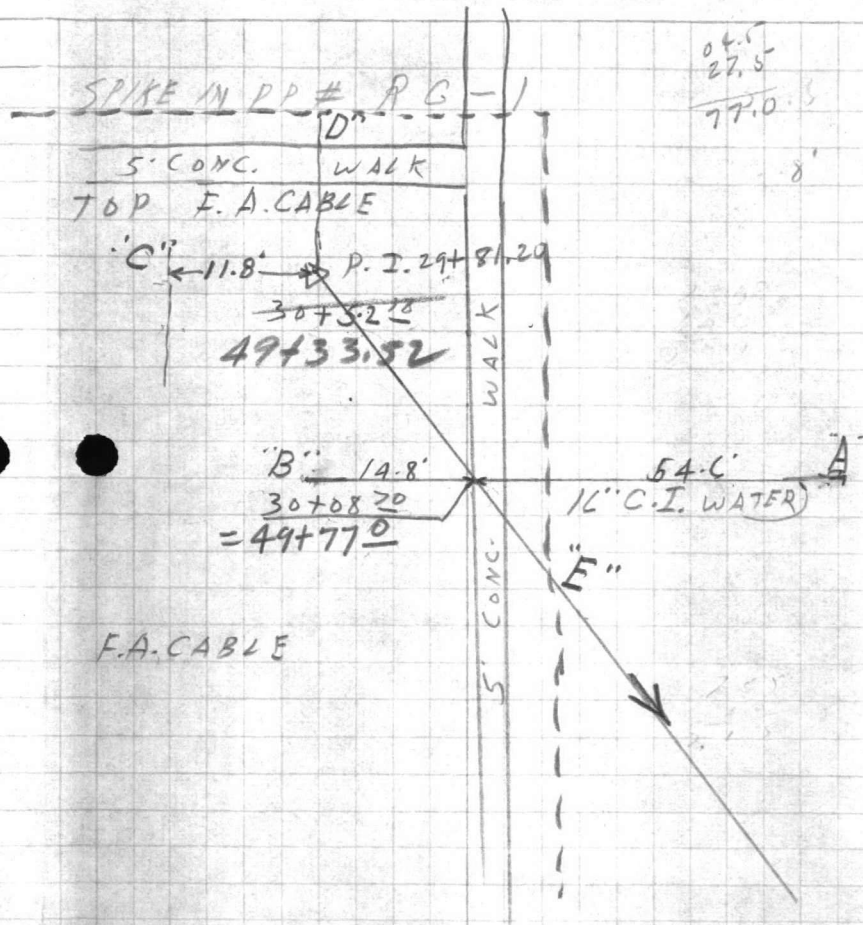
FILE No. _____

FLDR. No. _____

SHEET 1 of 5DATE 6-19-59

Quad. No. _____

| STATION | DIST. | ANGLE | | H. I.
BEARING | VER. ANG.
DIFF. | ELEVATION |
|---------------------|--------------------------|-------|---|-------------------|--------------------|-----------|
| | | ° | " | | | |
| B. M. | | | | 41629.67 | | 25.51 |
| 29+81.20 | | | | "E" 50+04.50 | 622 | 23.95 |
| 49+77.0 | | | | 16" WATERLINE 6N4 | | |
| 30+08.20 | | | | | 715 | 22.52 |
| "A" | | | | | 901 | 20.66 |
| "B" | | | | | 703 | 22.64 |
| "C" | | | | 48+82.20 | | |
| "D" | STA. 31+03.50 | | | | 697 | 22.70 |



VALIANCE

EMERGENCY

FIELD BIRTH

IN CHARGE

ADDRESS

PHONE

DATE

TIME

LOCATION

REMARKS

SIGNATURE

DATE

TIME

LOCATION

REMARKS

SIGNATURE

DATE

TIME

LOCATION

REMARKS

SIGNATURE

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TIME

LOCATION

REMARKS

SIGNATURE



RECEIVED

RECEIVED

VALUABLE

SUBJECT _____

RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

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. _____

FLDR. No. _____

SHEET 304

DATE _____ 19__

FIGURED BY _____
 NOTES CHECKED BY _____
 PLOTTED BY _____
 Quad. No. _____

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER. ANG.
DIFF. | ELEVATION | |
|-------------------------|-------|----------------|---|------------------|--------------------|------------|---|
| B.M. | | | | 3 50 23 86 | | 20 36 | SPIKE IN P.P.# B-189 |
| 55+82.50 | | | | 24+03.20 ✓ | | 9 07 14.79 | TOP C.T.C. SEWER |
| 51+85 | | | | 28+00.70 | | | ^{At.}
33' LF. TEL. CABLE |
| STA 67+72.50 | | | | 12+13.20 | | | ^{At.}
28.75' LF. TEL. UNDERGROUND CABLE
TURNS 90° AND CROSSES
RIVER DRIVE |

1.52
 25.5
 9.07

28.75
 3.0
 4

RETURN TO
PUBLIC WORKS
DEPARTMENT
COLUMBIA, S. C.

SUBJECT

STATE OF S. C.
DEPARTMENT OF PUBLIC WORKS

FILED PARTY
IN CHARGE
ADDRESS
CITY
STATE

DATE
BY
OFFICE

STATE OF S. C.
DEPARTMENT OF PUBLIC WORKS

VALUABLE
 SUBJECT _____

 RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

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. _____

FLDR. No. _____

SHEET 1 of 1

FIGURED BY _____ NOTES CHECKED BY _____

PLOTTED BY _____ DATE 6. 20 1958

Quad. No. _____

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

| | | | | | | | |
|------|--|--|--|--|------------|--|-------|
| B.M. | | | | | 4 21 29.72 | | 25 51 |
|------|--|--|--|--|------------|--|-------|

| | | | | | | | |
|--------------------|--|--|--|--|----------|--|------------|
| 28+0830 | | | | | 51+77.40 | | 8 32 21.40 |
|--------------------|--|--|--|--|----------|--|------------|

| | | | | | | | |
|------------------|--|--|--|--|----------|--|--|
| 29+31 | | | | | 50+54.70 | | |
|------------------|--|--|--|--|----------|--|--|

| | | | | | | | |
|------------------|--|--|--|--|----------|--|--|
| 29+42 | | | | | 50+43.70 | | |
|------------------|--|--|--|--|----------|--|--|

| | | | | | | | |
|------------------|--|--|--|--|----------|--|--|
| 29+98 | | | | | 49+95.70 | | |
|------------------|--|--|--|--|----------|--|--|

| | | | | | | | |
|------------------|--|--|--|--|----------|--|--|
| 41+72 | | | | | 35+13.70 | | |
|------------------|--|--|--|--|----------|--|--|

SPIKE IN DD#

TOP F.A. CABLE

^{L.H.}
 25' RT. DD# A-200

OVERHEAD ELEC.

^{RT.}
 107.50' RT. DD# RC-1

^{L.H.}
 16' RT. - MON.# 309 (B.M) 24.335

$$\begin{array}{r} 28+8890 \\ 8060 \\ \hline 28+0830 \end{array}$$

$$\begin{array}{r} 28+8890 \\ 8290 \\ \hline 06 \end{array}$$

STATION

DATE

TIME

WIND

TEMP

HUMID

SEA

SKY

MOON

STARS

PLANETS

COMETS

AURORA

OTHER

REMARKS

BY

NO.

DATE

TIME

WIND

TEMP

HUMID

SEA

SKY

STATION

DATE

TIME

WIND

TEMP

HUMID

SEA

SKY

MOON

STARS

PLANETS

COMETS

AURORA

OTHER

REMARKS

BY

NO.

DATE

TIME

WIND

TEMP

FIELD PARTY

CHARACTER

INSTRUMENT

DATE

TIME

WIND

TEMP

HUMID

SEA

SKY

MOON

STARS

PLANETS

COMETS

AURORA

OTHER

REMARKS

BY

NO.

DATE

TIME

WIND

TEMP

HUMID

SEA

SKY

MOON

STARS

PLANETS

COMETS

AURORA

OTHER

REMARKS

BY

NO.

DATE

TIME

WIND

TEMP

HUMID

SEA

SKY

MOON

STARS

PLANETS

COMETS

AURORA

OTHER

REMARKS

WEATHER

WIND

TEMP

HUMID

SEA

SKY

MOON

STARS

PLANETS

COMETS

AURORA

OTHER

REMARKS

BY

NO.

DATE

TIME

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COMETS

AURORA

OTHER

REMARKS

BY

NO.

DATE

TIME

VALUABLE

SUBJECT _____

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

FIELD PARTY

IN CHARGE

INSTRUMENT

NOTES

TAPE READ

TAPE OR ROD

TAPE OR ROD

INSTRUMENT NO.

TAPE NO.

WEATHER

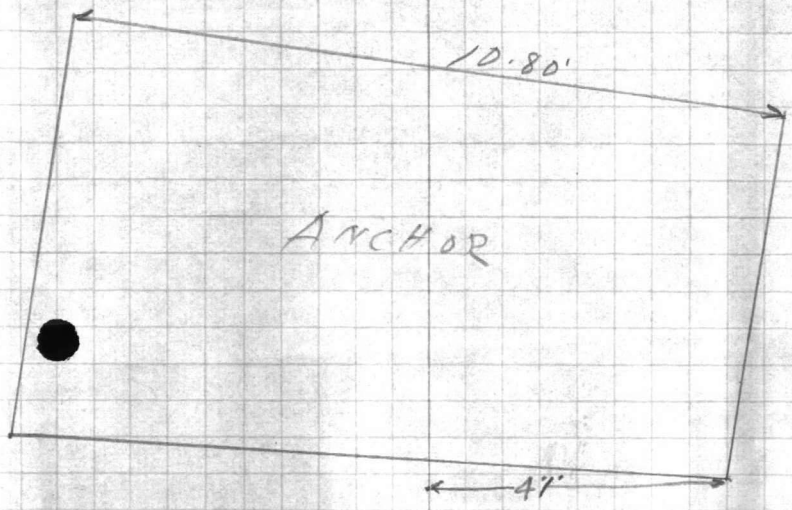
CLEAR SNOW
CLOUDY HOT
WINDY MODERATE
RAIN COLD
FAIR FOG
FIGURED BY _____
NOTES CHECKED BY _____
PLOTTED BY _____

FILE No. _____
FLDR. No. _____
SHEET 5 of 5
DATE _____ 19__

Quad. No. _____

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

38+12.10 ← 41+73.60
EDGE ANCHOR
38+11 ← 41+74.70
4.10' ^{LT.} COR. ANCHOR



VALUABLE

RETURN TO
RUBEN WARD
415 E
DANA COLLEGE
MILWAUKEE WISCONSIN

STATION DAY

NOV 11 1951

RECEIVED

W. J. VAN DER BEEK
E. VAN DER BEEK

POST OFFICE

IN CHARGE

POSTAGE

PAID

NOV 11 1951

NOV 11 1951

NOV 11 1951

NOV 11 1951

POSTAGE

PAID

NOV 11 1951

NOV 11 1951

NOV 11 1951

NOV 11 1951

NOV 11 1951

NOV 11 1951

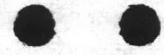
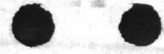
NOV 11 1951

NOV 11 1951

NOV 11 1951

NOV 11 1951

NOV 11 1951



VALUABLE

SUBJECT _____

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

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. _____

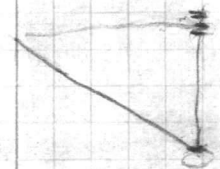
SHEET 5 of

DATE _____ 19__

Quad. No. _____

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER: ANG.
DIFF. | ELEVATION | |
|------------------------------|-------|----------------|------|---------------------------|--------------------|---------------------------|---|
| 13+119 ⁰ | | | | 30.2 | 4.8
6.00 | 25.4
24.19 | GROUND
TOP STEAM TUNNEL |
| 13+19 ³⁰ | | | | | 4.8
6.00 | 25.4
24.19 | GROUND
TOP STEAM TUNNEL |
| 13+50 | | | | | 4.6
6.00 | 25.6 | TOP 4" C.I. WATER |
| 13+53 | | | | | 4.6
8.68 | 25.6
21.51 | |
| 14+00 | | | | | 4.4 | 25.8 | |
| 14+50 | | | | | 3.8 | 26.4 | |
| 14+80 = 64+82.18 | | | | | | 26.8 ± | |
| 15+00 64+62.18 | | | | | 3.0 | 27.2 | |
| T.P. | | | 4.47 | 31.56
32.28 | 3.10 | 27.09
27.81 | BACK BOLT FIRE HYD. NORTHEAST COR. # 202 |
| 15+08 ⁸⁰ 64+53.38 | | | | 31.6 | 4.16 | 27.40 | x EDGE WALK |
| 15+09 ⁸⁰ 64+52.38 | | | | | 7.74 | 23.82 | TOP 12" C.I. WATER MAIN. 37.50' ^{2 ft.} 37 IN M. H. |
| 15+17 ⁰⁰ 64+45.18 | | | | | 4.33 | 27.23 | 23.56
EDGE WALK |
| 15+22 64+40.18 | | | | | 4.2 | 27.4 | x GROUND |
| 15+22 64+40.18 | | | | | 6.11 | 25.45 | + TOP TEL. CABLE |

19.30
11 8.0
7.40
1.50
7.70
1.30
1.30
1.30



VIOLABLE

STATION NO. DIST. ANGLE
STATION NO. DIST. ANGLE
STATION NO. DIST. ANGLE
STATION NO. DIST. ANGLE

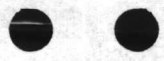
STATION NO. DIST. ANGLE
STATION NO. DIST. ANGLE
STATION NO. DIST. ANGLE
STATION NO. DIST. ANGLE

FIELD PARTY
IN CHARGE
INSTRUMENT
DATE OF JOB
NAME OF JOB
TAB. NO.

WEATHER
TEMP.
WIND
MOON
BAR.
RAIN
FROST
HOURS OBSERVED
PLANTING DATE

THE No.

STATION NO. DIST. ANGLE
STATION NO. DIST. ANGLE
STATION NO. DIST. ANGLE
STATION NO. DIST. ANGLE



VALUABLE

SUBJECT _____

RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

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 6 of

DATE _____ 19__

Quad. No. _____

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER: ANG.
DIFF. | ELEVATION | | |
|-------------------------------|---------------------|----------------|---|------------------|--------------------|-----------|---|----------------------------------|
| 15+27 | 64+35.18 | | | 31.56 | 4 0 | 27.6 | X | BANK |
| 15+34 | 64+28.18 | | | 31.6 | 4.5 | 27.1 | | DITCH |
| 15+43 | 64+19.18 | | | | 3 5 | 28.1 | | BANK |
| 15+50⁶⁰ | 64+11.58 | | | | 3.14 | 28.42 | | EDGE M.S.R. |
| 15+63 | 63+99.18 | | | | 3.06 | 28.50 | | Φ M.S.R. |
| 15+74⁰⁰ | 63+88.18 | | | | 3.42 | 28.14 | | EDGE M.S.R. |
| 15+84 | 63+78.18 | | | | 3.7 | 27.9 | | BANK |
| 15+90 | 63+72.18 | | | | 4.8 | 26.8 | | DITCH |
| 16+00 | 63+65.18 | | | | 4.1 | 27.5 | | BANK |
| 16+03²⁵ | | | | | 4.14 | 27.42 | | EDGE WALK |
| 16+11⁶⁰ | | | | | 4.10 | 27.46 | | EDGE WALK |
| 16+30 | | | | | 3.9 | 27.7 | | |
| 16+47¹² | P.I. 63+ | | | | 3.7 | 27.9 | | GROUND |
| | | | | | 6.70 | 24.86 | | TOP POWER CABLE 3.30' RT. P.I.#1 |
| 17+00 | 62+85.70 | | | | 3.9 | 27.7 | | |

STATION DIST. NO. 11
OFFICE
SOUTH CAROLINA

STATION DIST. NO. 11

DATE
TIME

TABLE READ
LAT OR LONG
MAGNETIC

PROCESSED BY
CHECKED BY

WEATHER
CLEAR
CLOUDY
WINDY
RAIN
FOG

LEAD PARTY
IN CHARGE
ASSISTANT
NOTES

WIND
TEMP
PRESS



VALUABLE

SUBJECT Profile on Revised
sewer Line.

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

see Revised Line on sheet
Dated 6-17-58

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

FILE No. _____

FLDR. No. _____

FIGURED BY _____

SHEET _____

NOTES CHECKED BY _____

PLOTTED BY _____

DATE 6-17 1958

Quad. No. _____

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER: ANG.
DIFF. | ELEVATION |
|------------------------|-------|----------------|---|------------------|--------------------|-----------|
| B.M. | | | | | | |
| B.M. | | | | | | 28.90 |
| | | | | | 3.39 | 27.29 |
| P.I. +19.7 | | | | | 5.0 | 27.3 |
| +10.2 | | | | | 4.9 | 27.4 |
| +10.2 | | | | | 4.95 | 27.34 |
| +26.7 | | | | | 5.00 | 27.129 |
| +23.3 | | | | | 6.94 | 25.35 |
| +11 | | | | | 4.8 | 27.5 |
| +73 | | | | | 5.0 | 27.3 |
| P.I. +19.05 | | | | | 4.6 | 27.7 |
| B.M. | | | | | 3.39 | 28.90 |

~~at steam pit near theatre Bldg. #201~~

spike in Power pole RZA-17

Edge of 8' side walk

" " " " "

TOP of Fire Alarm cable

8.5' ^{Left} ~~at~~ 8" Planted oak tree

86 120
3) 109-26
36-28-40

27.50

VALUABLE

SUBJECT _____

 RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

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 701
 DATE _____ 19__

Quad. No. _____

| STATION | DIST. | ANGLE
" " | + | H. I.
BEARING | VER: ANG.
DIFF. | ELEVATION | | |
|--------------------------------|------------------------|--------------|---|---------------------------|--------------------|-----------|------------------|------|
| 17+50 | 62+35.70 | | | 31.56
32.28 | 3.9 | 27.7 | | |
| 17+84 ⁵⁹ | 61+99.11 | | | (31.6) | 4.50 | 27.06 | EDGE | WALK |
| 17+92 ⁰⁵ | 61+93.65 | | | | 4.44 | 27.12 | EDGE | WALK |
| 18+00 | 61+85.70 | | | | 4.3 | 27.3 | | |
| 18+02 ¹⁰ | 61+83.60 | | | | 4.35 | 27.21 | EDGE | WALK |
| 18+07 ³⁵ | 61+78.35 | | | | 4.39 | 27.17 | EDGE | WALK |
| 18+11 | 61+74.70 | | | | 4.6 | 27.0 | | |
| 18+19 | 61+66.70 | | | | 5.3 | 26.3 | | |
| 18+50 | 61+35.70 | | | | 6.0 | 25.6 | | |
| 19+00 | 60+85.70 | | | | 7.8 | 23.8 | | |
| T.P. | | | | 2.87 | 26.10 | 8.33 | 23.23 | |
| | | | | 26.82 | | | 23.95 | |
| 19+50 | 60+35.70 | | | (26.1) | 2.8 | 23.3 | | |
| 20+00 | 59+85.70 | | | | 3.7 | 22.4 | | |
| 20+50 | 59 59+35.70 | | | | 4.1 | 22.0 | | |
| 20+57 ²⁴ | 59+28.46 | | | | 4.3 | 21.8 | | |
| | | | | | C.16 | 19.94 | | |

TOP POWER CABLE 3.00' RT P.I.# 21

VALUABLE

SUBJECT _____

RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

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 84
 DATE _____ 19__

Quad. No. _____

| STATION | DIST. | ANGLE
" " | + | 26.10
H.I.
BEARING
26.82 | VER: ANG.
DIFF. | ELEVATION | |
|--------------------------------|-----------|--------------|---|--|--------------------|-----------|--|
| 21+00 | | 58+85.70 | | | 4.4 | 21.7 | x |
| 21+50 | | 58+35.70 | | | 5.1 | 21.0 | x |
| 22+00 | | 57+85.70 | | | 5.0 | 21.1 | x |
| 22+50 | | 57+35.70 | | | 5.0 | 21.1 | x |
| 23+00 | | 56+85.70 | | | 4.8 | 21.3 | + |
| 23+49 ³¹ | Edge Walk | 56+36.39 | | | 4.44 | 21.66 | x |
| 23+51 | | 56+34.60 | | | 9.78 | 16.32 | x Top of 8" C.I. Water |
| 23+55 ³¹ | Edge Walk | 56+30.39 | | | 4.53 | 21.57 | |
| 23+66 ⁰⁰ | | 56+19.70 | | | 4.6 | 21.5 | x GROUND |
| 23+66 ⁰⁰ | | 56+19.70 | | | 5.5 | 20.6 | + |
| | | | | | | | TerraCotta
TOP 10" R.C.P. STORM SEWER. |
| 23+74 | | 56+09.70 | | | 4.0 | 22.1 | x BANK |
| 23+83 ⁷¹ | | 56+01.99 | | | 3.80 | 22.30 | x EDGE POST LANE |
| 24+00 | | 55+85.70 | | | 3.55 | 22.55 | |
| 24+04 | | 55+79.70 | | | 3.58 | 22.52 | EDGE POST LANE |
| 24+13 | | 55+72.70 | | | 3.7 | 22.4 | x BANK |

STATION
DISTANCE
ANGLE
DATE
TIME
ELEVATION
MAGNETIC
DECLINATION
CORRECTION
MAGNETIC
DECLINATION
CORRECTION

STATION
DISTANCE
ANGLE
DATE
TIME
ELEVATION
MAGNETIC
DECLINATION
CORRECTION

FIELD PARTY
IN CHARGE
INSTRUMENT
MOUNT
LEVEL
TAPES OR RODS
TAPES OR RODS
TAPES OR RODS

WEATHER
CLAR
CLOUD
WIND
TEMP
MOISTURE
WIND
TEMP
MOISTURE
WIND
TEMP
MOISTURE

FIELD No.



VALUABLE

SUBJECT _____

RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

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 9
 DATE _____ 19__

Quad. No. _____

| STATION | DIST. | ANGLE
° ' " | + | VER: ANG.
BEARING | DIFF. | ELEVATION | |
|---------------------|-------------|----------------|---|---------------------------|-------|------------------------------------|---------------------------------|
| 24+21 | 55+64.70 | | | 26.10
26.82 | 4 4 | 21.7 | X DITCH |
| 24+50 | 55+35.70 | | | | 4 0 | 22.1 | X BANK |
| 24+61 | 55+PT 18.26 | | | | 3 7 | 22.4 | X |
| T.P | | 5 01 | | 27.43
28.15 | 3 58 | 19.86
23.14
22.42 | TOP POWER CABLE 180' RT. P.I.#3 |
| 25+00 | 54+85.70 | | | | 5 0 | 22.4 | X |
| 25+50 | 54+35.70 | | | | 4 6 | 22.8 | X |
| 25+87 ⁸⁰ | 53+98.70 | | | | 4 5 | 22.9 | X GROUND |
| 25+87 ⁸⁰ | 53+97.90 | | | | 11 34 | 16.09 | X TOP 10" T.C. SEWER |
| 26+00 | 53+85.70 | | | | 4 3 | 23.1 | X |
| 26+50 | 53+35.70 | | | | 4 8 | 22.6 | X |
| 27+00 | 52+85.70 | | | | 4 9 | 22.5 | X |
| 27+50 | 52+35.70 | | | | 5 0 | 22.4 | X |
| 28+00 | 51+85.70 | | | | 4 3 | 23.1 | X |
| 28+00 ⁸⁷ | 51+84.83 | | | | 4 30 | 23.1 | X WALK |

STATION
DATE
TIME
ELECTRIC
METER NO.

STATION DATE TIME
BEARING DIST
VIR AND BEAMON

FIELD PARTY
IN CHARGE
METER NO.
METER
TYPE OR NO.
TYPE OF ROD
SERIAL NO.
TAG NO.

WEATHER
CLEAR
CLOUDY
WIND
TEMP
HUMIDITY
MOISTURE CHECK
NOTES

FIELD NO.
TAG NO.
STREET

VALUABLE

SUBJECT _____

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

FIELD PARTY

IN CHARGE

INSTRUMENT

NOTES

TAPE READ

TAPE OR ROD

TAPE OR ROD

STRUMENT 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 10

DATE _____ 19__

Quad. No. _____

| STATION | DIST. | ANGLE
° ' " | + | 27.43
BEARING | VER: ANG.
DIFF. | ELEVATION | |
|-------------------------------|------------------|----------------|---|------------------|--------------------|------------------|--|
| 28+11 | 51+74.70 | | | 28.15 | 4 3 | 23.1 | X BANK |
| 28+17 | 51+68.70 | | | | 4 7 | 22.7 | X DITCH |
| 28+27 | 51+58.70 | | | | 3 4 | 24.0 | BANK |
| 28+32⁹² | 51+52.78 | | | | 3 17 | 24.26 | X EDGE VIRGINIA DARE DR. |
| 28+55²⁰ | 51+30.50 | | | | 2 64 | 24.79 | EDGE VIRGINIA DARE DR. |
| 28+60 | 51+25.70 | | | | 2 7 | 24.7 | X BANK |
| 28+73 | 51+12.70 | | | | 4 1 | 23.3 | X DITCH |
| 28+88²² | P.I. + 450+96.80 | | | | 3 | 25.1 | 4.85' 2.9' Elec. Cable 2.9 below ground |
| T.P. 1 | | | | | | 25.08 | |
| | | | | 4 14 | 29.22 | 2 35 | 25.90 |
| | | | | 29.94 | | | |
| B.m. | | | | | 4 00 | 25.94 | |
| | | | | | | 25.22 | 25.22 MON.# 315 |

VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT PROFILE & TOPO. ON
PROPOSED SEWER LINE
STA. 28+88.20 TO SOUTH
SHORE WALLACE CR.

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 15
DATE 6-17-58

Quad. No. _____

| STATION | DIST. | ANGLE
" " | + | H. I.
BEARING | VER. ANG.
DIFF. | ELEVATION | |
|---------------------|----------|--------------|-----|---------------------------------|--------------------|------------------------|--|
| B.M. | | | 394 | 27 45
<u>29.4</u> | | 25
22.51 | RR SPIKE IN PP# RC-1 ON WESTSIDE RIVER Rd.
NEAR VIRGINIA DARE DR. |
| 28+88.20 | 50+96.80 | | | | 4.6 | 24.8 | P.I.
P.I. |
| 29+10 | 50+85.70 | | | | 4.2 | 25.2 | 31+00.00
137.0
86.90 |
| 29+50 | 50+35.70 | | | | 4.5 | 24.9 | |
| 29+68 | 50+17.70 | | | | 4.57 | | L.H.
7' RT. 5" DAK |
| 29+92 | 49+93.70 | | | | 4.52 | 24.93 | EDGE 8' CONC. WALK |
| 30+00 | 49+85.70 | | | | 4.56 | 24.89 | |
| 30+17 | 49+68.70 | | | | 4.68 | 24.77 | EDGE 8' CONC. WALK |
| 30+33 | 49+52.70 | | | | 4.9 | 24.5 | 4.85
5.0
5.35
4.98
5.0
5.98 |
| 30+52.18 | 49+33.52 | | | | 5.5 | 23.9 | P.I.
L.H. |
| 30+78.48 | 49+07.02 | | | | | | 9' RT. PP# A-201A
30+52.18
25.30
58.65 |
| 30+86.20 | 48+98.80 | | | | 5.35 | 24.10 | L.H.
0.30 RT. FL. LINE 6" T.C. PIPE. |
| 30+86.90 | 48+98.80 | | | | 4.45 | 25.00 | EDGE 5' CONC. WALK |
| 30+91.20 | 48+93.80 | | | | 4.45 | 25.00 | EDGE 5' CONC. WALK |
| 30+91.20 | 48+93.80 | | | | 5.48 | 23.97 | L.H.
0.30 RT. FL. LINE 6" T.C. PIPE |
| 31+00 | 48+85.70 | | | | 5.2 | 24.2 | |

VALUABLE

SUBJECT _____

RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

FIELD PARTY

 IN CHARGE

 INSTRUMENT

 NOTES

 TAPE READ

 TAPE OR ROD

 TAPE OR ROD

 INSTRUMENT NO. _____
 TAPE NO. _____

WEATHER

 CLEAR

 CLOUDY

 WINDY

 RAIN

 FAIR

 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 | |
|---------|----------|----------------|---|---|--------------------|-----------|--|
| 31+15 | 48+70.70 | | | ²⁹
26 45
29.4 | | | OVERHEAD ELEC. GUY WIRE 38.5' RT. NEW P.P. |
| 31+17 | 48+68.70 | | | | 5 6 | 23.8 | |
| 31+36 | 48+49.70 | | | | 6 5 | 22.9 | BANK |
| 31+36 | 48+49.70 | | | | | | 9' RT. 20" DAK (OVERHANG 25') |
| 31+39 | 48+46.70 | | | | 7 1 | 22.3 | DITCH 2.40' RT. |
| 31+39 | 48+46.70 | | | | 7 6 | 21.76 | 2.40' RT. 18" R.C.P. 9'H.W. |
| 31+42 | 48+43.70 | | | | 6 1 | 23.3 | BANK |
| 31+50 | 48+35.70 | | | | 5 8 | 23.6 | |
| 31+75 | 48+10.70 | | | | 5 4 | 24.0 | |
| 32+00 | 47+85.70 | | | | 5 0 | 24.4 | |
| 32+50 | 47+35.70 | | | | 4 7 | 24.7 | |
| 32+75 | 47+10.70 | | | | 4 6 | 24.8 | |
| 32+88 | 46+98.70 | | | | 4 0 | 25.4 | |
| 32+87 | 46+98.70 | | | | | | 11' RT. 14" GUM (11' OVER HANG) |
| 32+94 | 46+91.70 | | | | 4 0 | 25.4 | |
| 33+00 | 46+85.70 | | | | 3 4 | 26.0 | |

STATION

REMARKS
WIND
TEMP
PRES
HGT

STATION

REMARKS

WIND
TEMP
PRES
HGT

NO. OF
IN CHARGE
WIND
TEMP
PRES
HGT

WEATHER
CLEAR
CLOUDY
WINDY
CALM
FOG
SMOKE
DUST
RAIN
SNOW

TIME
DATE

VALUABLE

SUBJECT _____

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

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 32f

DATE _____ 19__

Quad. No. _____

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER: ANG.
DIFF. | ELEVATION | |
|------------------|----------|----------------|------|----------------------------------|--------------------|---------------|---|
| T.P | | | | 28
26.45 | ✓ | 27 ✓
24.07 | |
| | | | 2.58 | 29 ✓
26 65
29.7 | 2.38 | | |
| 33+10 | 46+75.70 | | | | 3.55 | 26.10 | |
| 33+50 | 46+35.70 | | | | 3.38 | 26.27 | |
| 33+56 | 46+29.70 | | | | 3.4 | 26.3 | |
| 33+66 | 46+19.70 | | | | 3.9 | 25.8 | |
| 33+66 | 46+19.70 | | | | | | Lft.
10.50' RT. P.P.# A-203 A |
| 33+66 | 46+19.70 | | | | | | 79.50' RT. P.P.# RZ-1 |
| 33+74 | 46+11.70 | | | | 4.2 | 25.5 | |
| 33+93 | 45+92.70 | | | | | | Lft.
13' RT. 10" OAK (9.50' OVERHANG) |
| 34+00 | 45+85.70 | | | | 4.2 | 25.5 | |
| 34+29 | 45+56.70 | | | | | | Lft.
11' RT. 14" OAK (18' OVERHANG) |
| 34+49 | 45+36.70 | | | | 4.5 | 25.1 | |
| 34+50 | 45+35.70 | | | | | | Lft.
12.50' RT. 14" PINE |
| 34+77 | 45+08.70 | | | | | | Lft.
11' RT. 20" PINE (18' OVERHANG) |
| 34+96 | 44+89.70 | | | | | | Lft.
10.6' RT. 20" PINE (17' OVERHANG) |

VALUABLE

SUBJECT _____

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

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 | |
|---------------------|---------------------|----------------|---|---------------------------------|--------------------|-----------|--|
| 35+0 | 44+85.70 | | | 29.65
<u>29.7</u> | ✓ | 48 24.9 | |
| 35+27 | 44+58.70 | | | | | 52 24.5 | |
| 35+40 | 44+45.70 | | | | | | 11.80' ^{L.H.} RT. 20" PINE (19' OVERHANG) |
| 35+43 | 44+42.70 | | | | | 49 24.8 | |
| 35+74 | 44+11.70 | | | | | 49 24.8 | |
| 36+00 | 43+85.70 | | | | | 51 24.6 | |
| 36+04 | 43+81.70 | | | | | | ^{L.H.} 10' RT. 20" PINE (21.50' OVERHANG) |
| 36+50 | 43+35.70 | | | | | 50 24.7 | |
| 36+92 | 42+93.70 | | | | | | ^{L.H.} 10' RT. PP# A 204A |
| 36+92 | 42+93.70 | | | | | | LC RT PP# A-205 (B.M.) |
| 37+00 | 42+85.70 | | | | | 47 25.0 | |
| 37+02.50 | 42+83.20 | | | | | 25 ✓ | ^{L.H.} OVERHEAD ELEC. |
| B.M. | | | | | | 382 22.83 | PP# A-205 |
| B.M. | | | | | | 25 ✓ | |
| | | | | 30 ✓ | | 22 79 | PP# A-205 |
| | | | | <u>27.37</u> | | | |
| | | | | <u>30.4</u> | | | |
| 37+40 | 42+45.70 | | | | | 465 23.72 | FL. LINE 18" R.C.P. |
| 37+40 | 42+45.70 | | | | | 376 26.61 | TOD 9' HEAD WALL 9" H.W. |
| 37+41 | 42+43.70 | | | | | 39 26.5 | |

515
150
55

RECEIVED TO
FEDERAL WORKS
PROJECT
CAMBLEDUNE
NORTH AUSTRALIA

DATE: 1941
DISC: 1

10/10/41
10/11/41
10/12/41
10/13/41
10/14/41
10/15/41
10/16/41
10/17/41
10/18/41
10/19/41
10/20/41
10/21/41
10/22/41
10/23/41
10/24/41
10/25/41
10/26/41
10/27/41
10/28/41
10/29/41
10/30/41
10/31/41

FIELD PARTY
IN CHARGE
PROPERTY
NOTE
DATE
TOTAL
DATE



VALUABLE

SUBJECT _____

RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

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. _____

FLDR. No. _____

SHEET 5 of

FIGURED BY _____

NOTES CHECKED BY _____

PLOTTED BY _____

DATE _____ 19__

Quad. No. _____

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER. ANG.
DIFF. | ELEVATION | |
|---------------------|----------|----------------|---|------------------|--------------------|------------|--------------------------------|
| | | | | 27° 37' | ✓ | | |
| 37+45 ³⁰ | 42+36.40 | | | 30° 4' | | 3.80 26.57 | EDGE 8' CONC. WALK |
| 37+57 ³⁰ | 42+28.40 | | | | | 3.83 26.54 | EDGE 8' CONC. WALK |
| 37+63 | 42+22.70 | | | | | 4.1 26.3 | |
| 37+64 | 42+21.70 | | | | | 4.00 26.37 | TOP 9' H.W. |
| 37+64 | 42+21.70 | | | | | 4.85 23.52 | FL. LINE 18" R.C.P. |
| 37+75 | 42+10.70 | | | | | 4.0 24.4 | |
| 38+00 | 41+85.70 | | | | | 5.8 24.6 | |
| 38+22 | 41+63.70 | | | | | 4.2 24.2 | |
| 38+22 | 41+63.70 | | | | | | RT.
3.70' LF. END WING WALL |
| 38+25 ⁵⁰ | 41+60.20 | | | | | 4.92 23.45 | FL. LINE 18" R.C.P. |
| 38+25 ⁵⁰ | 41+60.20 | | | | | 4.38 25.99 | TOP HEAD W 180' |
| 38+25 ⁵⁰ | 41+60.20 | | | | | | 5' RT. END H.W. |
| 38+26 ⁰⁰ | 41+59.70 | | | | | | RT.
1.80' LF. END WING WALL |
| 38+26 ⁵⁰ | 41+59.20 | | | | | 4.4 26.0 | |
| 38+40 | 41+45.70 | | | | | 4.64 25.73 | EDGE DR. |

5.35
 1.50
 6.85

5.42
 1.50
 6.92

STATE OF NORTH CAROLINA
COUNTY OF _____
IN SENATE,
THIS _____ DAY OF _____, 19____.

STATE OF NORTH CAROLINA
COUNTY OF _____
IN SENATE,
THIS _____ DAY OF _____, 19____.

STATE OF NORTH CAROLINA
COUNTY OF _____
IN SENATE,
THIS _____ DAY OF _____, 19____.

STATE OF NORTH CAROLINA
COUNTY OF _____
IN SENATE,
THIS _____ DAY OF _____, 19____.

VALUABLE

SUBJECT _____

 RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

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. _____

 450
 92
 5.57
 150
 7.07

| STATION | DIST. | ANGLE
" " | + | H. I.
BEARING | VER. ANG.
DIFF. | ELEVATION | |
|-------------------------------|---------------------|--------------|---|--------------------------------------|--------------------|-----------|---|
| 38+83 | 41+02.70 | | | 30
2937
<u>30.4</u> | ✓ | 47225.65 | |
| 38+90 | 40+95.70 | | | | | | 12' ^{Lt.} RT. 10" OAK (13' OVERHANG) |
| 38+97 | 40+88.70 | | | | 4.7 | 25.7 | RT.
1.50' LT. END WING WALL |
| 38+98 | 40+87.70 | | | | | | |
| 38+98²⁵ | 40+86.95 | | | | 4.50 | 25.77 | ^{Lt.} TOP HEAD WALL 4.50' RT. END H.W. |
| 38+98²⁵ | 40+86.95 | | | | 7.07 | 23.30 | FL LINE 18" R.C.P. |
| 39+00 | 40+85.70 | | | | 6.8 | 23.6 | P.I. |
| 39+02⁸⁰ | 40+82.90 | | | | | | ^{Lt.} 3.80' LT. END WING WALL |
| 39+25 | 40+60.70 | | | | 6.7 | 23.7 | |
| 39+50 | 40+35.70 | | | | 6.4 | 24.0 | |
| 40+00 | 39+85.70 | | | | 6.3 | 24.1 | |
| 40+00 | 39+85.70 | | | | | | ^{Lt.} 5.50' RT. AZ BED |
| 40+02 | 39+83.70 | | | | | | ^{Lt.} 9' RT. 10" Gum |
| 40+05⁵⁰ | 39+80.20 | | | | | | ^{Lt.} 5.58 RT. 6" Dogwood. (11' OVERHANG) |
| 40+08⁵⁰ | 39+77.20 | | | | | | ^{Lt.} 9.50' RT. DP# A-207A |
| 40+16 | 39+69.70 | | | | | | ^{Lt.} 9.50' RT. 12" PINE (14.50' OVERHANG) |
| 40+17⁵⁰ | 39+68.20 | | | | | | ^{Lt.} 7.50' RT. 10" PINE (12.50' OVERHANG) |

STATION
CLASSIFICATION
CLASSIFICATION
SERVICE
DUTY WORKS
ASSIGNED TO

SUBJECT

TAP HEAD

TAP OR HOD

DATE OF HOD

TREATMENT NO.

TAP NO.

WEATHER
CLEAR
CLOUDY
RAINY
WINDY
CALM
FOG
MIST
THUNDER BY

NO. 22

NO. 23

NO. 24

NO. 25

NO. 26

NO. 27

NO. 28

NO. 29

NO. 30

NO. 31

NO. 32

NO. 33

NO. 34

NO. 35

NO. 36

NO. 37

NO. 38

NO. 39

NO. 40

NO. 41

NO. 42

NO. 43

NO. 44

NO. 45

NO. 46

NO. 47

NO. 48

NO. 49

NO. 50

NO. 51

NO. 52

NO. 53

VALUABLE

SUBJECT _____

 RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

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 704
 DATE _____ 19__

Quad. No. _____

438
 150
 525

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER. ANG.
DIFF. | ELEVATION | |
|---------------------|-------|----------------|---|-----------------------------|--------------------|-----------|---------------------------------------|
| 40+26 | 39+ | 59.70 | | 30.4 ✓
329 37 | | | L.H.
7' RT. 4' HOLLY |
| 40+50 | 39+ | 35.70 | | | 6 7 23.7 | | L.H.
6.50' RT. EDGE AZ BED. |
| 41+00 | 38+ | 85.70 | | | 7 1 23.3 | | L.H.
7' RT. EDGE AZ BED. |
| T.P. | | | | 28 ✓
396 25 31
(28.3) | 6 02 24 35 | | |
| 41+50 | 38+ | 35.70 | | | 5 5 22.8 | | L.H.
9' RT. EDGE AZ BED |
| 41+92 | 37+ | 88.70 | | | | | L.H.
15' RT. COR. AZ BED |
| 42+00 | 37+ | 85.70 | | | 5 5 22.8 | | |
| 42+04 | 37+ | 79.70 | | | 5 88 22.43 | | FL. LINE 18" R.C.P. |
| 42+06 | 37+ | 79.70 | | | 3 55 24.76 | | TOP C' H.W. |
| 42+08 | 37+ | 77.70 | | | 3 8 24.5 | | |
| 42+12 ⁵⁰ | 37+ | 73.20 | | | 3 67 24.64 | | EDGE DR |
| 42+33 | 37+ | 52.70 | | | 3 93 24.38 | | EDGE DR. |
| 42+37 | 37+ | 46.70 | | | 4 1 24.2 | | |
| 42+38 ⁸⁰ | 37+ | 46.90 | | | 4 01 24.30 | | TOP C' H.W. |
| 42+38 ⁸⁰ | 37+ | 46.90 | | | 6 38 21.93 | | L.H.
FL. LINE 18" R.C.P. 0.50' RT. |

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
OFFICE OF PUBLIC WORKS
SECTION OF PUBLIC WORKS

STATION NO. _____ DIST. _____
ANGLE _____ BEARING _____
VERT. ANGLE _____ ELEVATION _____

FIELD PARTY
IN CHARGE _____
NO. _____
TAPE NO. _____
TAPES OR ROD _____
TAPING ROD _____
POINT NO. _____
TYPE _____

WEATHER
CLEAR _____
CLOUDY _____
WINDY _____
RAIN _____
FOG _____
THUNDER _____
HAIL _____
OTHER _____

DATE _____
DRAWN BY _____
CHECKED BY _____
DATE _____

10/10
10/10
10/10
10/10
10/10
10/10
10/10
10/10
10/10
10/10

VALUABLE

SUBJECT _____

RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

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 _____ 19__

Quad. No. _____

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER: ANG.
DIFF. | ELEVATION | |
|---------|----------|----------------|---|------------------|--------------------|------------|---|
| 42+44 | 37+41.70 | | | 25 31 | ✓ | 6.79 21.5 | RT. 2.40' LT. END 18" R.C.P. 9'H.W |
| 42+50 | 37+35.70 | | | | | 6.0 22.3 | |
| 43+00 | 36+85.70 | | | | | 5.7 22.6 | |
| 43+50 | 36+35.70 | | | | | 5.8 22.5 | |
| 44+00 | 35+85.70 | | | | | 5.9 22.4 | |
| 44+40 | 35+45.70 | | | | | 5.9 22.4 | LT. 24' RT. 24" TRIPLE OAK. |
| 44+50 | 35+35.70 | | | | | 2.9 | |
| B.m. | | | | | | 3.97 24.34 | M.O.N. # 309 |
| B.m. | | | | 331 27.64 | ✓ | 24.335 | M.O.N. # 309 |
| 45+10 | 34+85.70 | | | | | 5.4 22.2 | |
| 45+19 | 34+66.70 | | | | | | OVER HEAD ELEC. |
| 45+32 | 34+53.70 | | | | | | LT. 10' RT. P.P.# A-210 A. 44.50' RT. P.P.# A-210 |
| 45+50 | 34+35.70 | | | | | 5.8 21.8 | |
| 46+00 | 33+85.70 | | | | | 5.9 21.7 | |
| 46+25 | 33+60.70 | | | | | | RT. 10' LT. TEL. M. H. |
| 46+50 | 33+35.70 | | | | | 6.1 21.5 | |
| 46+83 | 33+02.70 | | | | | 6.0 21.6 | |
| 46+83 | 33+02.70 | | | | | 6.37 21.3 | FL. LINE. 2.50' RT. END 18" R.C.P. |

STATION
DATE
TIME
CAMP LEADS
CAMP LOGS
CAMP NOTES

STATION
DATE
TIME
CAMP LEADS
CAMP LOGS
CAMP NOTES

WEATHER
WIND
TEMP
HUMIDITY
CLOUDS
PRECIPITATION
MOON
STAR
PLANETS
MAGNITUDE
DIRECTION
SPEED
HEIGHT
LENGTH
WIDTH
THICKNESS
COLOR
SMELL
TASTE
TOUCH
SOUND
VIBRATION
PRESSURE
WEIGHT
DENSITY
GRAVITY
MAGNETISM
ELECTRICITY
MAGNETIC FIELD
MAGNETIC STRENGTH
MAGNETIC DIRECTION
MAGNETIC INTENSITY
MAGNETIC PERMEABILITY
MAGNETIC SUSCEPTIBILITY
MAGNETIC RESISTANCE
MAGNETIC CONDUCTIVITY
MAGNETIC COEFFICIENT
MAGNETIC CONSTANT
MAGNETIC PERMITTIVITY
MAGNETIC CAPACITANCE
MAGNETIC INDUCTANCE
MAGNETIC FLUX
MAGNETIC FORCE
MAGNETIC MOMENT
MAGNETIC TORQUE
MAGNETIC ENERGY
MAGNETIC POWER
MAGNETIC EFFICIENCY
MAGNETIC LOSS
MAGNETIC GAIN
MAGNETIC COEFFICIENT OF EXPANSION
MAGNETIC COEFFICIENT OF CONTRACTION
MAGNETIC COEFFICIENT OF ELASTICITY
MAGNETIC COEFFICIENT OF THERMAL CONDUCTIVITY
MAGNETIC COEFFICIENT OF THERMAL EXPANSION
MAGNETIC COEFFICIENT OF THERMAL CONTRACTION
MAGNETIC COEFFICIENT OF THERMAL ELASTICITY
MAGNETIC COEFFICIENT OF THERMAL CONDUCTIVITY

FILE NO.

DATE

TIME

PLACE

WEATHER

WIND

TEMP

HUMIDITY

CLOUDS

PRECIPITATION

MOON

STAR

PLANETS

MAGNITUDE

DIRECTION

SPEED

HEIGHT

LENGTH

WIDTH

THICKNESS

COLOR

SMELL

TASTE

TOUCH

SOUND

VIBRATION

PRESSURE

WEIGHT

DENSITY

GRAVITY

MAGNETISM

ELECTRICITY

VALUABLE

SUBJECT _____

 RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

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 | |
|-------------------------------|---------------------|------------------------|---|------------------|--------------------|--------------------|--|
| 46+88 | 32+97.70 | 32° 27' 32" | | 27 64 | 5 4 | 22.8 | EDGE MARL DR. |
| 46+96 | 32+89.70 | | | | 4.8 | 22.8 | EDGE MARL DR. |
| 46+99⁵⁰ | 32+86.20 | | | | 5.9 | 21.7 | |
| 46+99⁵⁰ | 32+86.20 | | | | 6.72 | 20.9 | FL. LINE 18" R.C.P. 2' ^{L.H.} RT. |
| 47+00 | 32+85.70 | | | | 6.1 | 21.5 | |
| 47+00 | 32+85.70 | | | | | | ^{L.H.} 32' RT. P.P.# A-211 |
| 47+04⁵⁰ | 32+81.20 | | | | | | OVERHEAD ELEC. |
| 47+50 | 32+35.70 | | | | 6.3 | 21.3 | |
| 48+00 | 31+85.70 | | | | 6.6 | 21.0 | |
| 48+26⁵⁰ | 31+59.20 | | | | 6.7 | 20.9 | P.I. |
| T.P. | | | | | 4.80 | 22.84 ⁵ | |
| | | | | 4.01 | 26.85 ⁵ | | |
| B.m. | | | | | 2.18 | 24.67 ⁵ | (24.675) CHECK SHOT. P.P.# B-192 |
| 48+26⁵⁰ | 31+09.20 | | | | | | ^{L.H.} 11' RT. P.P.# B-192 (B.m) |
| 48+76⁵⁰ | 31+09.20 | | | | 5.5 | 21.4 | |
| 49+00 | 30+85.70 | | | | 5.1 | 21.8 | |

522
 150
 6.72

WATER

FIELD WORKS
OFFICE
CAMP BELMONT
MOUNT CATHLAMET

STATION

ANGLE

Dist. No. 1255

U. S. GEOLOGICAL SURVEY

FIELD PARTY

IN CHARGE

DATE

TIME

PLACE

NAME OF BOAT

NAME

NO.

WEATHER

WIND

SEA

TEMP.

MOON

STARS

PLANETS

OTHER

NO. OF

PLANTS

COLLECTED

DATE

BY

NAME

[Faint handwritten notes and sketches, possibly including a diagram of a boat or field layout.]

VALUABLE

SUBJECT _____

 RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

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

FILE No. _____

FLDR. No. _____

FIGURED BY _____

SHEET 104

NOTES CHECKED BY _____

PLOTTED BY _____

DATE _____

19__

Quad. No. _____

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER: ANG.
DIFF. | ELEVATION |
|---------|-------|----------------|---|------------------|--------------------|-----------|
| | | | | 26 85 | | |
| 49+14 | | 30 | | 71.70 | 4.5 | 22.4 |
| 49+32 | | 30 | | 53.70 | 4.1 | 22.8 |
| 49+50 | | 30 | | 35.70 | 3.8 | 23.0 |
| 49+50 | | 30 | | 35.70 | | |
| 49+95 | | 29 | | 88.90 | 3.7 | 23.2 |
| 50+00 | | 29 | | 85.70 | 3.7 | 23.2 |
| 50+45 | | 29 | | 40.70 | | |
| 50+55 | | 29 | | 30.70 | | |
| 51+00 | | 28 | | 85.70 | 4.5 | 22.4 |
| 51+52 | | 28 | | 33.70 | 4.5 | 22.4 |
| 51+87 | | 27 | | 98.70 | | |
| 52+00 | | 27 | | 85.70 | 5.3 | 21.6 |
| 52+17 | | 27 | | 68.70 | | |
| 52+50 | | 27 | | 35.70 | 6.1 | 20.8 |
| 53+00 | | 26 | | 85.70 | 6.9 | 20.0 |

BANK

^{L.H.}
 12' ~~RT.~~ WOOD LINE

^{L.H.}
 P.I. 13' ~~RT.~~ WOOD LINE

^{RT.}
 10' ~~LT.~~ P.P.# B-191

^{L.H.}
 10' 30" ~~RT.~~ WOOD LINE

^{L.H.}
 15' ~~RT.~~ WOOD LINE

^{L.H.}
 15' ~~RT.~~ WOOD LINE

^{L.H.}
 C.S.D. ~~RT.~~ TEL MARKER 12.50' ~~RT.~~ WOOD LINE

^{RT.}
 10.50' ~~LT.~~ P.P.# B-190

^{L.H.}
 15' ~~RT.~~ WOOD LINE

^{L.H.}
 14' ~~RT.~~ WOOD LINE

VALUABLE

SUBJECT _____

RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

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 | |
|----------|----------|----------------|---|-------------------------|--------------------|--------------------|--------------------------|
| 53+50 | 26+35.70 | | | 26 85 ^s | 7 1 | 19.8 | |
| 53+88 | 25+97.70 | | | | | | |
| B.M. | | | | 4 90 25 26 ^s | 6 49 | 20 36 ^s | 11' RT. PP# B-189 (B.M.) |
| 54+00 | 25+85.70 | | | | 6 5 | 18.8 | 15' RT. WOOD LINE |
| 54+50 | 25+35.70 | | | | 6 4 | 18.9 | 10' RT. COR. WOOD |
| 54+81 | 25+04.70 | | | | | | 26.50' RT. COR. WOOD |
| 54+90 | 24+95.70 | | | | 6 1 | 19.2 | BANK |
| 54+94 | 24+91.70 | | | | 6 7 | 18.6 | |
| 54+95 | 24+89.70 | | | | 7 6 | 17.7 | DITCH |
| 55+00 | 24+85.70 | | | | 5 9 | 19.4 | BANK |
| 55+03 | 24+82.70 | | | | 5 2 | 20.1 | |
| 55+06.50 | 24+79.20 | | | | 4 92 | 20.4 | EDGE DR. |
| 55+22.50 | 24+61.20 | | | | 4 83 | 20.5 | EDGE DR. |
| 55+32 | 24+53.70 | | | | 5 1 | 20.2 | |
| 55+38 | 24+47.70 | | | | 7 2 | 18.1 | DITCH |

AVAILABLE

RETURNED
POST OFFICE
OFFICE
CITY
STATE

STATION DATE

AMOUNT

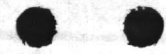
REMARKS

H. I. FOR ADD.

10-25-10
10-25-10

ISSUED PARTY
IN CHARGE
INSTRUMENT
TAX
TAX NO.

WEATHER
CLEAR
CLOUDY
HOT
COLD
WINDY
CALM
RAIN
FOG
MIST
HAIL
SNOW
ICE



VALUABLE

SUBJECT _____

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

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 120f

DATE _____

19__

Quad. No. _____

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER. ANG.
DIFF. | ELEVATION | |
|---------|-----------------------------------|----------------|---|------------------|--------------------|-----------|--|
| 55+42 | 24+43.70 | | | 25.26 | 53 | 20.0 | |
| 55+53 | 24+32.70 | | | | | | 36' RT. COR. WOOD |
| 55+60 | 24+25.70 | | | | | | 6.50' RT. WATER VALVE 1' RT. WATER VALVE |
| 55+88 | 23+97.70 | | | | | | 11.7' RT. PPH B-188 |
| 55+93 | 23+92.70 | | | | | | OVER HEAD ELEC |
| 55+98 | 23+87.70 | | | | | | 12' RT. PPH B-187 |
| 56+00 | 23+85.70 | | | 70 | 6.2 | 19.1 | NO COR |
| 56+28 | 23 22+55.70 | | | 57.70 | 6.6 | 18.7 | 20' RT. WOOD LINE |
| 56+72 | 23+ 11.70 | | | 13.51 | 7.0 | 18.3 | P.I. 12' RT. WOOD LINE |
| 57+00 | 22+ 85.97 | | | 85.70 | 7.1 | 18.2 | 7' RT. WOOD LINE (12' OVER HANG) |
| 57+04 | 22+ 79.77 | | | 81.20 | | | 11.50' RT. GUY WIRE |
| 57+28 | 22+ 55.77 | | | 57.20 | | | 11.30' RT. PPH B-186 |
| 57+51 | 22+ 31.77 | | | 34.70 | | | 11' RT. GUY WIRE |
| 57+52 | 22+ 31.77 | | | 33.70 | 6.5 | 18.8 | 8' RT. WOOD LINE (5' OVER HANG) |
| T.P. | | | | 25.43 | 6.06 | 19.20 | |
| 58+00 | 21+ 85.77 | | | 85.70 | 6.9 | 18.5 | 7' RT. WOOD LINE (10' OVER HANG) |

WALTER B. BOBBS
STATION EAST
MANAGER
LEARN TO
FIND WORK
EASIER
AND BETTER
FOR CAROLINA

STATION EAST
MANAGER
LEARN TO
FIND WORK
EASIER
AND BETTER
FOR CAROLINA

FIELD PARTY
IN CHARGE
DATE
TIME
TYPE OR NO.
NAME OF ROAD
MILE MARK
INVENTORY NO.
TAKE NO.

WEATHER
CLOUDY
WINDY
CLEAR
FOG
RAIN
CHECKED BY
DATE

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VALUABLE

SUBJECT _____

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

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 13 of

DATE _____ 19__

Quad. No. _____

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER: ANG.
DIFF. | ELEVATION | |
|-------------------------------|--------------------------------|----------------|---|-----------------------------|--------------------|--------------------|---|
| 58+50 | 21+55.77 | | | 2543 ⁵
3570 | 6 8 | 18.6 | 8.70' RT WOOD LINE (8' OVERHANG) |
| 58+99 | 20+64.97 | | | 86.70 | | | 11.50' RT BP# B-185 (B.M.) |
| B.m. | | | | 4332458 ⁵
518 | 5 18 | 20.25 ⁵ | |
| 59+0 | 20+85.97 | | | 85.70 | 5 5 | 19.1 | 10' RT WOOD LINE (4' OVERHANG) |
| 59+50 | 20+35.77 | | | 35.70 | 5 0 | 19.6 | 10' RT WOOD LINE (3' OVERHANG) |
| 60+00 | 19+65.77 | | | 85.70 | 4 4 | 20.2 | 10' RT WOOD LINE (5' OVERHANG) |
| 60+548⁵ | 19+30.81 | | | | 4 6 | 20.0 | P.I. 12' RT WOOD LINE |
| 60+71 | 19+14.70 | | | | | | 12' RT P.D.# B-184 |
| 61+00 | 18+85.70 | | | | 4 5 | 20.1 | 8' RT WOOD LINE (8' OVERHANG) |
| 61+50 | 18+35.70 | | | | 5 1 | 19.5 | 4' RT WOOD LINE (4 " " ") |
| 62+00 | 17+85.70 | | | | 6 1 | 18.5 | 6' RT WOOD LINE (6 " " ") |
| 62+30⁵⁵ | 17+55.15 | | | | 6 8 | 17.8 | P.I. 5' RT WOOD LINE (5 " " ") |
| 62+44 | 17+41.70 | | | | | | 19' RT P.D.# B-183 |
| 62+50 | 17+35.70 | | | | 7 2 | 17.4 | 6' RT WOOD LINE |
| 63+00 | 16+85.70 | | | | 7 8 | 16.8 | 7' RT WOOD LINE (7' OVERHANG) |

WILSON
RETURN TO
JAMES WILSON
2400 W. 10TH ST.
DENVER, COLO. 80202

STATION: DIST. 1

STATION: DIST. 1
ELEVATION: 5280
DATE: 10/10/68

FIELD PARTY
IN CHARGE
ASSISTANT
DATE
TIME
PLACE
TAXI NO.
TAXI DRIVER

WEATHER
CLOUDS
WIND
TEMP.
REL. HUM.
PRECIP.
VISIB.
MOON
STAR

FIELD NO.

DATE



VALUABLE

SUBJECT _____

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

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. _____

FLDR. No. _____

FIGURED BY _____ SHEET 14 of

NOTES CHECKED BY _____

PLOTTED BY _____ DATE _____ 19__

Quad. No. _____

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER. ANG.
DIFF. | ELEVATION | |
|---------------------|----------|----------------|---|------------------------|--------------------|--------------------|--|
| 63+50 | 16+35.70 | | | 2458 ⁵ | 8.4 | 16.2 | 9' RT WOOD LINE (NO OVER HANG) |
| 63+93 ⁰⁰ | 15+92.70 | | | | 9.2 | 15.4 | P.I. |
| 64+00 | 15+85.70 | | | | 9.2 | 15.4 | 17' RT WOOD LINE (NO OVER HANG) |
| T.P. | | | | 142 16.79 ⁵ | 9.21 | 15.37 ⁵ | |
| 64+14 | 15+71.70 | | | | | | 18' RT PP# B-182 9' RT WOODLINE (9' OVER HANG) |
| 64+50 | 15+35.70 | | | | 2.1 | 14.7 | 6' RT WOODLINE (7' OVER HANG) |
| 65+00 | 14+85.70 | | | | 3.2 | 13.6 | 6.50' RT WOODLINE (7' OVER HANG) |
| 65+35 ⁰¹ | 14+50.69 | | | | 3.9 | 12.9 | 8.50' RT WOODLINE (7' OVER HANG) |
| 65+50 | 14+35.70 | | | | 3.9 | 12.9 | |
| 65+83 | 14+02.70 | | | | | | 14.50' RT PP# B-181 |
| 66+00 | 13+85.70 | | | | 4.1 | 12.7 | 16' RT WOODLINE (7' OVER HANG) |
| 66+25 | 13+60.70 | | | | 5.1 | 11.7 | 12' RT WOODLINE (6' OVER HANG) |
| 66+42 ⁸⁵ | 13+42.85 | | | | 4.0 | 10.8 | RT 7.50' RT WOODLINE (7.50' OVER HANG) |
| 66+60 | 13+25.70 | | | | 4.9 | 9.9 | 7' RT WOODLINE (10' OVER HANG) |
| 66+73 | 13+12.70 | | | | 8.1 | 8.7 | 13' RT WOODLINE |

STATION

WORTH CAROLINA
CAMP LEASING
OFFICE

STATION

ANGLE

BEARING

VERT. ANGLE

ELEVATION

TAP NO.

TYPE OR ROD

NO. OF ROD

DATE

TIME

WEATHER

WIND

DATE

TIME

WEATHER

WIND

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FILE NO.

DATE

TIME

WEATHER

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VALUABLE

SUBJECT _____

 RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

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 | |
|-------------------------------|----------|----------------|---|------------------|--------------------|-----------|---|
| 62+00 | 12+85.70 | | | 14 79 | 5 | 9 7 7.1 | L.H.
15' RT-WOOD LINE (8' OVER HANG) |
| 62+00⁸⁴ | 12+84.86 | | | | | 9 7 7.1 | P.I. 7.35
8.2
16.05 |
| 67+32 | 12+53.70 | | | | | 10 9 5.9 | R.H.
12' 50' LT. GUY WIRE |
| 67+55⁵⁰ | 12+30.20 | | | | | 11 7 5.1 | R.H.
13' LT. PP # B-180 |
| 67+58 | 12+27.70 | | | | | | L.H.
11' RT. GUY WIRE & WOOD LINE (10' OVER HANG) |
| 67+78 | 12+07.70 | | | | | | R.H.
12.50' LT GUY WIRE |
| 67+82⁵⁰ | 12+03.20 | | | | | | R.H.
3' LT. WATER VALVE UNDER 12" MAIN |
| 62+82⁵⁰ | 12+03.20 | | | | | | 28' LT. FIRE HYD. (B.M.) |
| 67+91²⁰ | 11+94.50 | | | | | | R.H. R.H.
7.60' LT. ELEC. WIRE ON PILEING |
| 68+00 | 11+85.70 | | | | | 13 5 3.3 | L.H.
9' RT. WOOD LINE (12' OVER HANG) |
| 68+44 | 11+41.70 | | | | | 14 2 2.6 | |
| 68+63 | 11+22.70 | | | | | 15 4 1.4 | L.H.
13' RT. COR. WOOD 5.50 6.60
8.70 8.8
14.20 14.40 |
| 68+81⁵⁰ | 11+04.20 | | | | | 14 05 0.3 | SHORE LINE |
| B.M. | | | | | | 8 73 8 06 | (8.05) BACK BOLT FIRE HYD. NEAR SOUTH END WALLACE C&K BRIDGE |

VALUABLERETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINASUBJECT PROFILE & TOPO
FROM 0+00 TO SHORE
LINE ON NORTH SIDE OF
WALLACE CK.

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
FOGFILE No. _____
FLDR. No. _____
SHEET 1 of 2
DATE C-18 1958
FIGURED BY _____
NOTES CHECKED BY _____
PLOTTED BY _____

Quad. No. _____

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER. ANG.
DIFF. | ELEVATION | |
|---------|-------|----------------|------|------------------|--------------------|-----------|---|
| B.m. | | | 0 23 | 9.16 | ✓ | 8 43 | P.P. # B-175 |
| 0+00 | | | | | 5 5 | 3.7 | |
| 0+15 | | | | | | | 14" GUM ON E |
| 0+50 | | | | | 5 5 | 3.7 | |
| 1+00 | | | | | 5 2 | 4.0 | |
| 1+20 | | | | | | | WOOD LINE |
| 1+26.00 | | | | | 4 9 | 4.3 | |
| 1+50 | | | | | 4 8 | 4.4 | 6' LT-WOOD LINE (13' OVERHANG) |
| 1+87.25 | | | | | 5 8 | 3.4 | P.I. |
| 2+00 | | | | | 6 1 | 3.1 | 6' LT-WOOD LINE (NO OVERHANG) |
| 2+19 | | | | | | | 12.50 RT- P.P. # B-177 |
| 2+50 | | | | | 6 4 | 2.8 | |
| 3+00 | | | | | 6 7 | 2.5 | 12.40' LT-WOOD LINE (6' OVERHANG) |
| 3+59 | | | | | 6 3 | 2.9 | 12.50' RT-GUY WIRE |
| 3+72 | | | | | | | 32' RT- TEL. UNDERGROUND CABLE 90' FROM RIVER DR. ACROSS |
| 3+79 | | | | | | | 3.25' RT-WATER VALVE UNDER MAIN. 26.50 RT-FIRE HYD (B.M.) |
| 3+91 | | | | | | | 12.50' RT- P.P. # B-178 |
| 4+00 | | | | | 6 6 | 2.6 | |

$$\begin{array}{r} 2560 \\ 730 \\ \hline 3290 \end{array}$$

VALUABLE

RETURN TO
MUSIC WORKS
CITY
LAKESIDE
MICHIGAN

STATION

STATION

DEPT.

VEHICLE NO. ELEVATOR

NAME NO.

NAME FOR JOB

NAME ON RFD

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QUAD NO.

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NAME

VALUABLE

SUBJECT _____

RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

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 20f
 DATE _____ 19__

Quad. No. _____

| STATION | DIST. | ANGLE | | + | H. I.
BEARING | VER. ANG.
DIFF. | ELEVATION | |
|---------|-------|-------|---|---|------------------|--------------------|-----------|---|
| | | ° | " | | | | | |
| A+14 | | | | | 9 14 | | | 12.50' RT. GUY WIRE |
| A+59 | | | | | | 7 6 | 1.6 | SHORE LINE |
| A+40 | | | | | | 8 3 | 6.7 | 7.50' RT. ELEC. CABLE |
| A+68 | | | | | | 0.42 | 8.74 | (8.755) ON BACKBOLT FIRE HYD. NORTH END WALLACE CK. BRIDGE. (PARADISE PT. AREA) |

NOTE FROM STA. 2+00
 TO SHORELINE & OF PROPOSED
 SEWER ON EDGE THICK BRUSH
 & VINES NO BIG TREES

AVAILABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEHIGH
NORTH CAROLINA

STATION DIST

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BEARING

H. V. AND
DEPT. ELEVATION

TABLE NO.

TYPE OR NO.

TYPE OR NO.

TAPE READ

NOTES

EXAMINATION

CHARACTER

FIELD PARTY

PROFESSOR

MON. GLENN D.

FRANK B.

IN

W. R.

SHOW

WEATHER

FIELD NO.

DATE

DATE

TABLE NO.

TYPE OR NO.

TYPE OR NO.

TAPE READ

NOTES

EXAMINATION

CHARACTER

FIELD PARTY

WEATHER

SHOW

W. R.

IN

FRANK B.

MON. GLENN D.

PROFESSOR

DATE

DATE

TABLE NO.

TYPE OR NO.

TYPE OR NO.

TAPE READ

Gravity Line "D"

VALUABLE

SUBJECT Proposed sewer
Line
cap apart off site

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

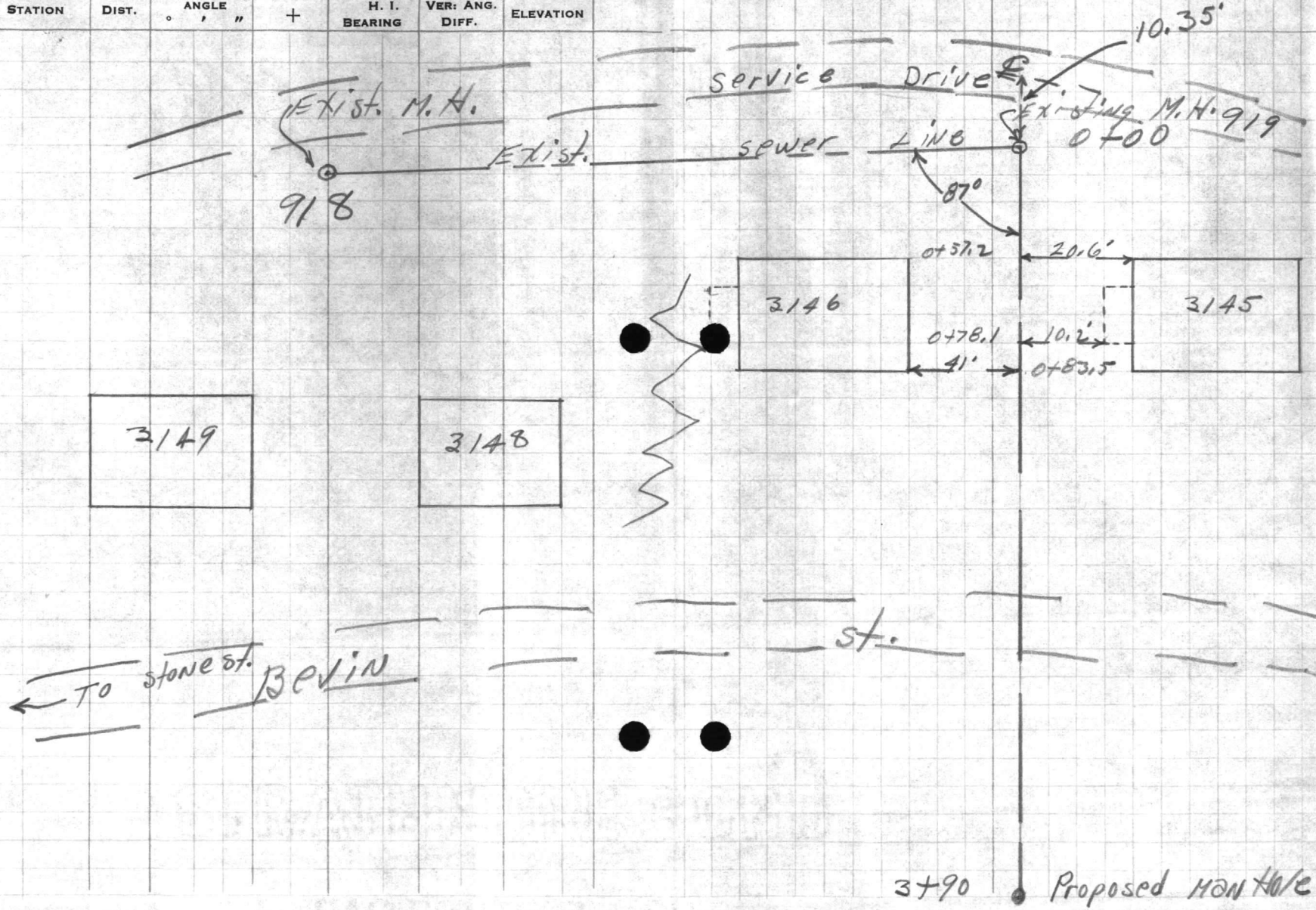
FIELD PARTY
Kellett IN CHARGE
INSTRUMENT _____
NOTES _____
TAPES READ _____
TAPES OR RODS _____
TAPES OR RODS _____
INSTRUMENT NO. _____
TAPE NO. _____

WEATHER
CLEAR _____ SNOW _____
CLOUDY _____ HOT _____
WINDY _____ MODERATE _____
RAIN _____ COLD _____
FAIR _____ FOG _____
FIGURED BY _____
NOTES CHECKED BY _____
PLOTTED BY _____

FILE No. _____
FLDR. No. _____
SHEET 107
DATE 8-21-1958

Quad. No. _____

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



VALUABLE

SUBJECT

Proposed sewer
line contd.RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

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. _____

FLDR. No. _____

SHEET

2-07

DATE

8-21 1958

Quad. No. _____

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

2+38 Edge woods scattered pine 6" TO 15"

2+12 Edge Bevin st.

1+90 Edge Bevin st.

1+71 19' Rt. & 9' Head wall

1+53 0.5' Lft. 12" ? tree

1+33 6.5' Rt. 15" pine

1+27 10' Rt. 15" pine

0+87 9' Rt. 12" ? tree

0+84.5 17.5' Lft. House # 3145

0+83.5 41' Rt. cor. House 3146

0+78.1 10.2' Lft. cor. porch 3145

0+57.2 20.6' Lft. House # 3145

0+56. 40.2' Lft. House # 3146

0+43 5.5' Lft. 2" Dogwood

0+34 17' Rt. 3" Maple tree

0+00 EXIST. M. H.

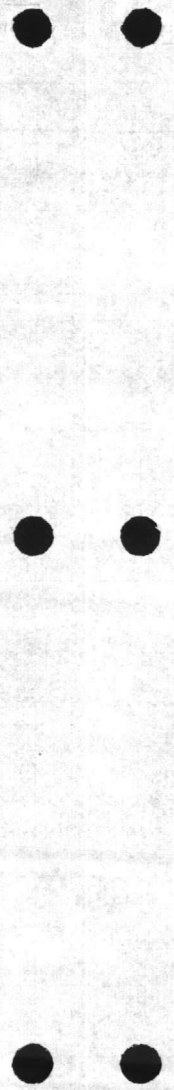
VALUABLE SUBJECT
PREPARED BY
FIELD NO. 1000
DATE
PLACE

STATION DIST. ANGLE H. T. V. BEARING ELEVATION

FIELD PARTY
IN CHARGE
INSTRUMENT
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TAPED READ
TAPED BY
TAPED ON TOP
TAPED ON BOX
INSTRUMENT NO.
TAPED NO.

WEATHER
CLEAR
CLOUDY
MIST
RAINY
WINDY
CALM
OTHER

FIELD NO.
DATE
PLACE



VALUABLE

SUBJECT Profile on Proposed Sewer.

@apert off site

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

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 _____

265
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FILE No. _____

FLDR. No. _____

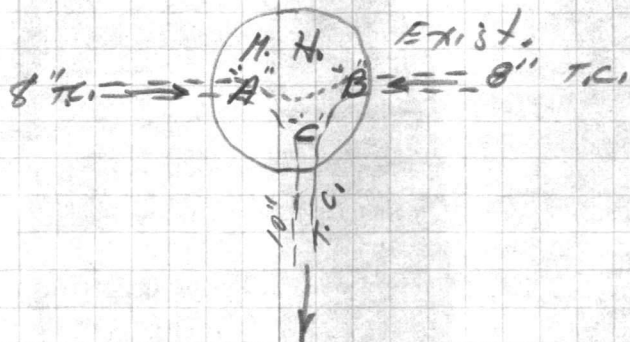
SHEET 3-07

DATE 8-21 1958

Quad. No. _____

| STATION | DIST. | ANGLE
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BEARING | VER: ANG.
DIFF. | ELEVATION |
|-------------------|-------|----------------|---|------------------|--------------------|-----------|
| B.M. | | | | | | 27.02 |
| | | 2.54 | | 29.56 | | |
| | | | | 29.6 | | |
| INV. "A" | | | | | 11.43 | 18.13 |
| INV. "B" | | | | | 11.41 | 18.15 |
| INV. "C" | | | | | 11.42 | 18.14 |
| Floor Exist. M.H. | | | | | 10.81 | 18.75 |
| TOP EXIST. M.H. | | | | | 3.35 | 26.21 |
| 0+50 | | | | | 2.5 | 27.1 |
| 1+0 | | | | | 2.9 | 26.7 |
| 1+50 | | | | | 4.2 | 25.4 |
| 1+66 | | | | | 4.7 | 24.9 |
| 1+73 | Ditch | | | | 5.6 | 24.0 |
| 1+82 | | | | | 4.3 | 25.3 |
| 1+90 | | | | | 3.63 | 25.93 |
| 2+0 | | | | | 3.40 | 26.16 |
| 2+12 | | | | | 3.66 | 25.90 |

nail intersection BEVIN & DEWEY ST.



BANK

19' R.L. INV. 18" R.C.P. 6.2

Edge Bevin St.

Edge Bevin St.

VALLEY

SUBJECT

PROJECT NO.

DATE

LOCATION

STATION & DIST

DATE

BEARING

DIST

AREA

FIELD PARTY

IN CHARGE

TREATMENT

NOTES

TAP OR ROD

TAP OR ROD

INSTRUMENT NO.

TAP NO.

WOMEN

DEPT.

WORK

NO.

BY

DATE

FIELD NO.

FIELD NO.

DATE

BY

DATE

VALUABLE

SUBJECT

Profile on Proposed
sewerRETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

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

4 of

DATE

8-21 1958

Quad. No. _____

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER: ANG.
DIFF. | ELEVATION | |
|---------|-------|----------------|---|------------------|--------------------|-----------|-----------------------------|
| | | | | 29.56
29.6 | | | |
| 2+19 | | | | 4.0 | 25.6 | | BANK |
| 2+28 | | | | 6.0 | 23.6 | | Ditch |
| 2+36 | | | | 5.2 | 24.4 | | BANK |
| 2+50 | | | | 5.4 | 24.2 | | |
| 3+0 | | | | 4.9 | 24.7 | | |
| 3+50 | | | | 4.0 | 25.6 | | |
| 3+90 | | | | 3.2 | 26.4 | | Proposed Man Hole |
| B.M. | | | | 2.54 | 27.02 | | Nail int. BOVIN & Dewey St. |

STANDARD TELEPHONE
EXCHANGE
COMMUNICATIONS
CORPORATION

STANDARD TELEPHONE
EXCHANGE
COMMUNICATIONS
CORPORATION

STANDARD TELEPHONE
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STANDARD TELEPHONE
EXCHANGE
COMMUNICATIONS
CORPORATION

3142

VALUABLE

SUBJECT LOCATION WATER
LINE PROPOSED SEWER
LINE NEAR BLDG. 3145
PARADICE PT. AREA

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 _____ SNOW _____
CLOUDY _____ HOT _____
WINDY _____ MODERATE _____
RAIN _____ COLD _____
FAIR _____ FOG _____
FIGURED BY _____ SHEET 1 of 1
NOTES CHECKED BY _____ DATE 8-25-58
PLOTTED BY _____
Quad. No. _____

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER: ANG.
DIFF. | ELEVATION |
|---------|-------|----------------|---|------------------|--------------------|-----------|
| B.M. | | | | 3 40 30 42 | | 27 02 |
| 1+55' | | | | | 10.10 | 20 32 |

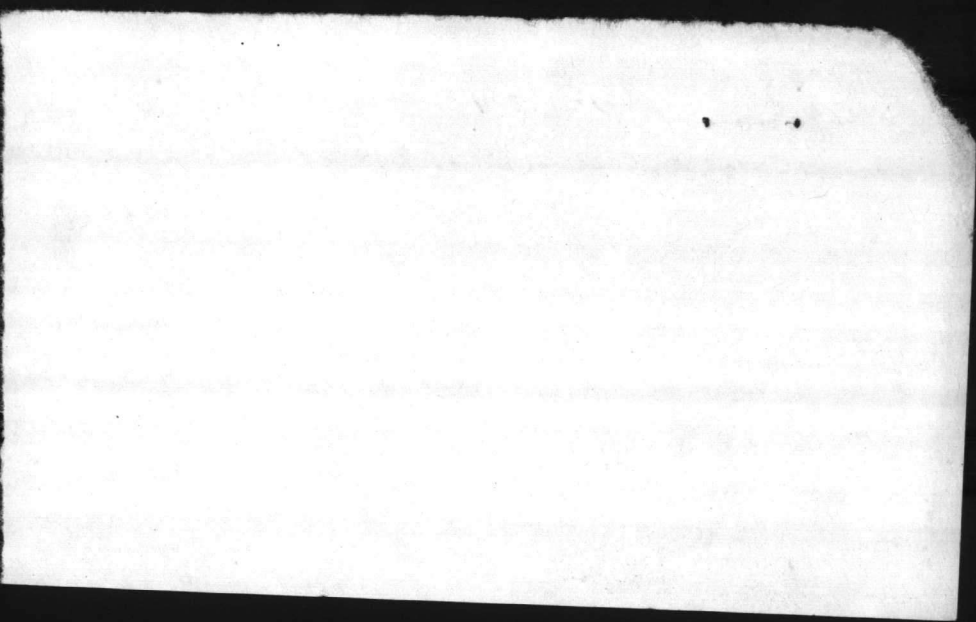
NAIL
INT. DEWEY & BEVIN ST.

TOP 8" C.I. WATER LINE

$$\begin{array}{r} 52 + 87 \\ 18 \\ \hline 69 \end{array}$$

$$\begin{array}{r} 2^m \\ 18 \\ \hline 51 \end{array}$$

Gravity Line
on "E" - Street



VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT

PROFILE ON SEWER TRUNK

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 100
DATE 5-22-1954

Quad. No. _____

224

25.22

| STATION | DIST. | ANGLE
" " | + | H. I.
BEARING | VER. ANG.
DIFF. | ELEVATION |
|---------------|-------|--------------|------|------------------|--------------------|-----------|
| B.M. | | | 4.17 | 26.71 | | 22.54 |
| T.P. | | | 1.50 | | -5.00 | 21.71 |
| | | | | 23.21 | | |
| | | | | <u>23.2</u> | | |
| | | | | 16.97 | 6.24 | |
| | | | | 16.47 | 6.54 | |
| 0+00 = P.I.#0 | | | | 3.4 | 19.6 | |
| 0+50 | | | | 3.1 | 20.1 | |
| 0+85.84 | WALK | | | 2.78 | 20.43 | |
| 0+90.84 | WALK | | | 2.48 | 20.53 | |
| 1+00 | | | | 2.5 | 20.7 | |
| 1+41 | | | | 1.9 | 21.3 | |
| 1+41 | | | | 6.47 | 16.74 | |
| 1+50 | | | | 1.9 | 21.3 | |
| 2+00 | | | | 1.3 | 21.9 | |
| T.P. | | | 5.87 | | 0.33 | 22.88 |
| | | | | 28.75 | | |

FINISH FL. BLDG.# 22A

FL. LINE SEWER M.H.# 89

FL. LINE SEWER M.H.# 60

GROUND.

TOP 3" GAS. LINE

VALUABLE

SUBJECT _____

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

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. _____

FLDR. No. _____

SHEET 2 of
 FIGURED BY _____
 NOTES CHECKED BY _____
 PLOTTED BY _____

DATE _____

19 _____

Quad. No. _____

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER: ANG.
DIFF. | ELEVATION | |
|---------|-------|----------------|---|------------------|--------------------|-----------|-------------------|
| | | | | 28.75 | | | |
| 2+50 | | | | (28.8) | 6.2 | 22.6 | |
| 3+00 | | | | | 5.8 | 23.0 | |
| 3+06.40 | | | | | 5.7 | 23.1 | |
| 3+06.40 | | | | | 9.15 | 19.60 | TOP 6" C.I. WATER |
| 3+33.00 | | | | | 5.4 | 23.4 | |
| 3+33.60 | | | | | 8.60 | 20.15 | TOP 3" GAS |
| 3+50 | | | | | 5.2 | 23.6 | |
| 4+00 | | | | | 4.6 | 24.2 | |
| 4+26.82 | | | | | 4.50 | 24.25 | WALK |
| 4+31.82 | | | | | 4.38 | 24.37 | |
| 4+50 | | | | | 4.6 | 24.2 | |
| 5+00 | | | | | 4.1 | 24.7 | ✓ |
| 5+50 | | | | | 3.9 | 24.9 | |
| 6+00 | | | | | 3.8 | 25.0 | |
| 6+43.80 | | | | | 3.7 | 25.1 | GROUND |
| 6+43.80 | | | | | 7.02 | 21.73 | TOP 4" C.I. WATER |

UNITED STATES

DEPARTMENT OF THE ARMY
OFFICE OF THE CHIEF OF ENGINEERS
WASHINGTON, D. C.

STATE OF OHIO

ANGLE

M. J. VAN RAN

CHIEF ENGINEER

OLD PARTY

CHANGE

HERE

NOTES

THE HEAD

THE OR FOR

TAKE OR FOR

THE

WEATHER

CLEAR

WINDY

MOIST

RAIN

DRIZZLE

FOG

SMOKE

NO. 100

NO. 100

NO. 100

NO. 100

NO. 100

NO. 100

NO. 100

NO. 100

NO. 100

NO. 100

NO. 100

NO. 100

NO. 100

NO. 100

NO. 100

NO. 100

NO. 100

NO. 100

NO. 100

NO. 100

NO. 100

NO. 100

NO. 100

NO. 100

VALUABLE

SUBJECT _____

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

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. _____

FLDR. No. _____

SHEET

3 of

DATE

19

FIGURED BY _____

NOTES CHECKED BY _____

PLOTTED BY _____

Quad. No. _____

| STATION | DIST. | ANGLE
° ' " | + | H. I.
BEARING | VER. ANG.
DIFF. | ELEVATION |
|----------|-------|----------------|---|------------------|--------------------|-----------|
| 6+50 | | | | 28.75
(28.8) | 3.7 | 25.1 |
| 7+00 | | | | | 3.8 | 25.0 |
| T.P. | | 3 39 | | | 2.85 | 25.90 |
| 7+50 | | | | 29.29
(29.3) | 4.5 | 24.8 |
| 7+67.75 | | | | | 4.42 | 24.87 |
| 7+72.25 | | | | | 4.40 | 24.89 |
| 8+00 | | | | | 4.2 | 25.1 |
| 8+50 | | | | | 3.9 | 25.4 |
| 8+60.20 | | | | | 4.0 | 25.3 |
| 8+60.70 | | | | | 9.00 | 20.29 |
| 9+00 | | | | | 4.0 | 25.3 |
| 9+50 | | | | | 4.1 | 25.2 |
| 10+00 | | | | | 4.3 | 25.0 |
| 10+13.97 | | | | | 4.22 | 25.07 |
| 10+18.97 | | | | | 4.20 | 25.09 |

5' Walk

" "

GROUND

TOP 4' C.I. WATER

WALK

WALK

VALLEY

1918

STATION - DIST
DATE RECEIVED
BY

STATION - DIST

READING

DATE

REMARKS

TAKEN NO.

DATE

TAKEN BY

NAME

TAKEN AT

PLACE

WEATHER

TIME

WIND

TEMP

VALUABLE

SUBJECT _____

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

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. _____

FLDR. No. _____

SHEET AA

DATE _____ 19__

Quad. No. _____

| STATION | DIST. | ANGLE | | + | H. I.
BEARING | VER: ANG.
DIFF. | ELEVATION | |
|---------|-------|-------|-----|---|------------------|--------------------|-----------|------------------|
| | | ° | ' " | | | | | |
| | | | | | 3228
31.56 | | | |
| 11+34 | | | | | CB | 25.0
25.7 | | GROUND |
| 11+34 | | | | | 1133 | 20.23
20.95 | | TOP 4" C.I. PIPE |

FIELD PARTY
IN CHARGE
MEMBERS
WORKS
PLANNED BY
INVESTIGATED BY
T. O. G. S. S. S.

STATION - DIST
DATE
H. I. YEAR AND ELEVATION
RAINING DATE

STATION - DIST
DATE
H. I. YEAR AND ELEVATION
RAINING DATE

VALUABLE

SUBJECT _____

RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

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 | |
|----------|-------|-------|-----|------|------------------|--------------------|-----------|------------------|
| | | ° | ' " | | | | | |
| | | | | | 29 29 | | | |
| 10+50 | | | | | 29.3 | 4.4 | 24.9 | |
| 11+00 | | | | | | 4.3 | 25.0 | |
| 11+50 | | | | | | 4.4 | 24.9 | |
| 12+00 | | | | | | 4.1 | 25.2 | |
| T.P. 1 | | | | 4 01 | 30 19 | 3.11 | 26.18 | |
| 12+22 | | | | | 30.2 | 5.1 | 25.1 | B. |
| 12+30 | | | | | | 5.5 | 24.7 | D |
| 12+36 | | | | | | 4.9 | 25.3 | B |
| 12+50 | | | | | | 4.8 | 25.4 | |
| 12+59.98 | | | | | | 4.76 | 25.43 | WALK |
| 12+64.98 | | | | | | 4.78 | 25.41 | WALK |
| 13+00 | | | | | | 5.0 | 25.2 | |
| 13+06 | | | | | | 4.9 | 25.3 | |
| | | | | | | 10.42 | 19.77 | TOP 18" HEL-COR |
| 13+08.50 | | | | | | 4.9 | 25.3 | |
| | | | | | | 11.24 | 18.95 | TOP. 10" HEL-COR |

STATE OF NORTH CAROLINA
CAMP LEASING
OFFICE
PUBLIC WORKS

STATE OF NORTH CAROLINA

SUBJECT

DATE

TIME

BOARDING

H. I. VAN AND

ELEVATION

TAP NO.

TRUMENT NO.

TYPE OF HOSE

TAP IN HOSE

TAP READ

NOTE

WIND

WINDY

IN CHANGE

WEATHER

DATE

TIME

TYPE OF HOSE

TAP IN HOSE

TAP READ

NOTE

WIND

WINDY

IN CHANGE

WEATHER

DATE

TIME

TYPE OF HOSE

TAP IN HOSE

TAP READ

NOTE

WIND

WINDY

IN CHANGE

WEATHER