

VALUABLE

SUBJECT TOPOGRAPHY AND
AS BUILT R.R. AT
51 MILE POST WYE

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. _____

SHEET 30f

FIGURED BY _____
 NOTES CHECKED BY _____

PLOTTED BY _____ DATE _____ 19__

Quad. No. _____

At P.C.
 B.S. P.1

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION	
	102	150 40	✓	Edge	EARTH Rd. To		Wainwright Storage
	111	142 13 30	✓	"	"	"	"
	232	159 31	✓	"	"	"	"
	230	164 13	✓	"	"	"	"
	330	164 04	✓	"	"	"	"
	267	170 13		Telephone Pole			
	120	165 21		"	"		
	118	168 21		Telephone Box			ON 4x4" Post
	39	25 07		"	Pole		
	211	359 17		"	"		

19.2

VAL HARRIS
PUBLIC WORKS
NO. 12
CITY OF CHARLOTTE
NORTH CAROLINA

STATION NO. 119 1130
DIST. 11

119 1130

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 _____

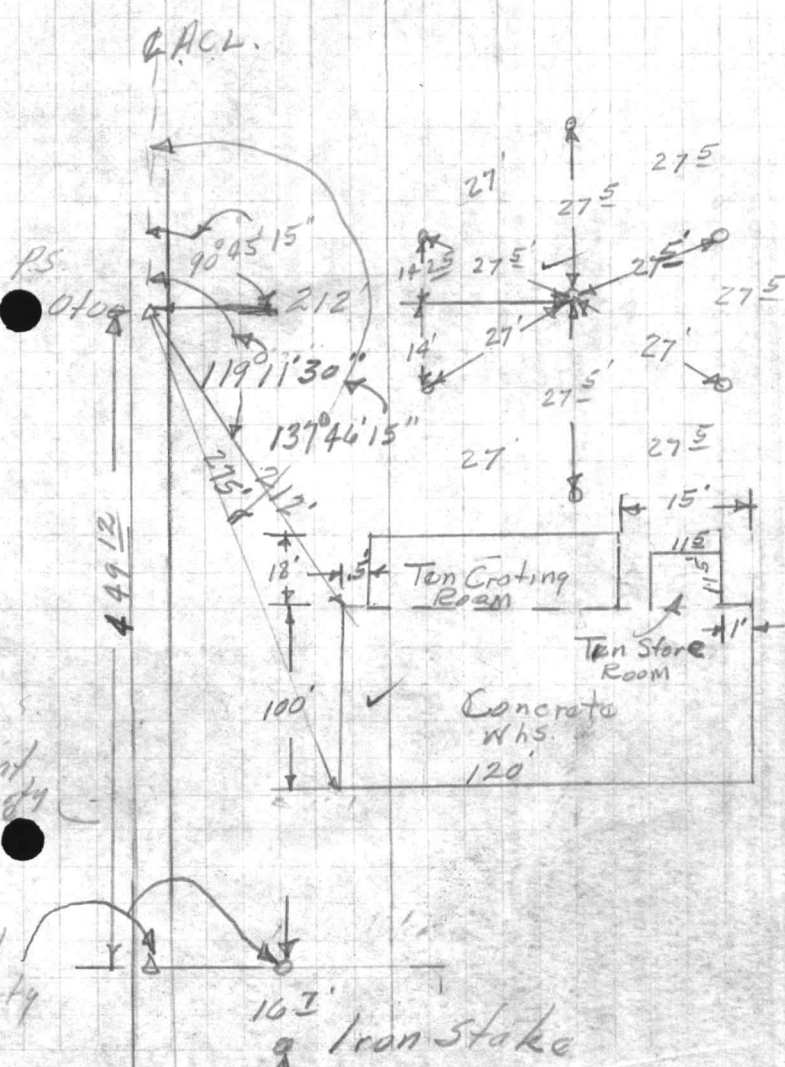
FILE No. _____
 FLDR. No. _____
 SHEET 4 of _____
 DATE _____ 19__

Quad. No. _____

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

*Not RS 0+00
 B.S. 2 A.C.L.*

103	88	54 30	✓			Top 12" Water Line
74	101	28	✓			Edge Earth Rd.
115	141	40	✓			" " " "
133	135	58	✓			Car Parking Lot
173	156	41	✓			" " " "
267	165	18	✓			" " " "
295	154	18	✓			" " " "
325	146	45	✓			" " " "
185	102	12	✓			" " " "
136	106	49				" " " "
147	118	55				" " " "
153	126	03				" " " "
72	272	18 30				A Cut in U.S. 17 For Water Line



STATION
RUBBER WORKS
SHEETS
TANKS
CAMP

STATION

FIELD PARTY
IN CHARGE
CAMP
WINDY
RAIN
FOG

TANKS



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

50f

FIGURED BY _____

NOTES CHECKED BY _____

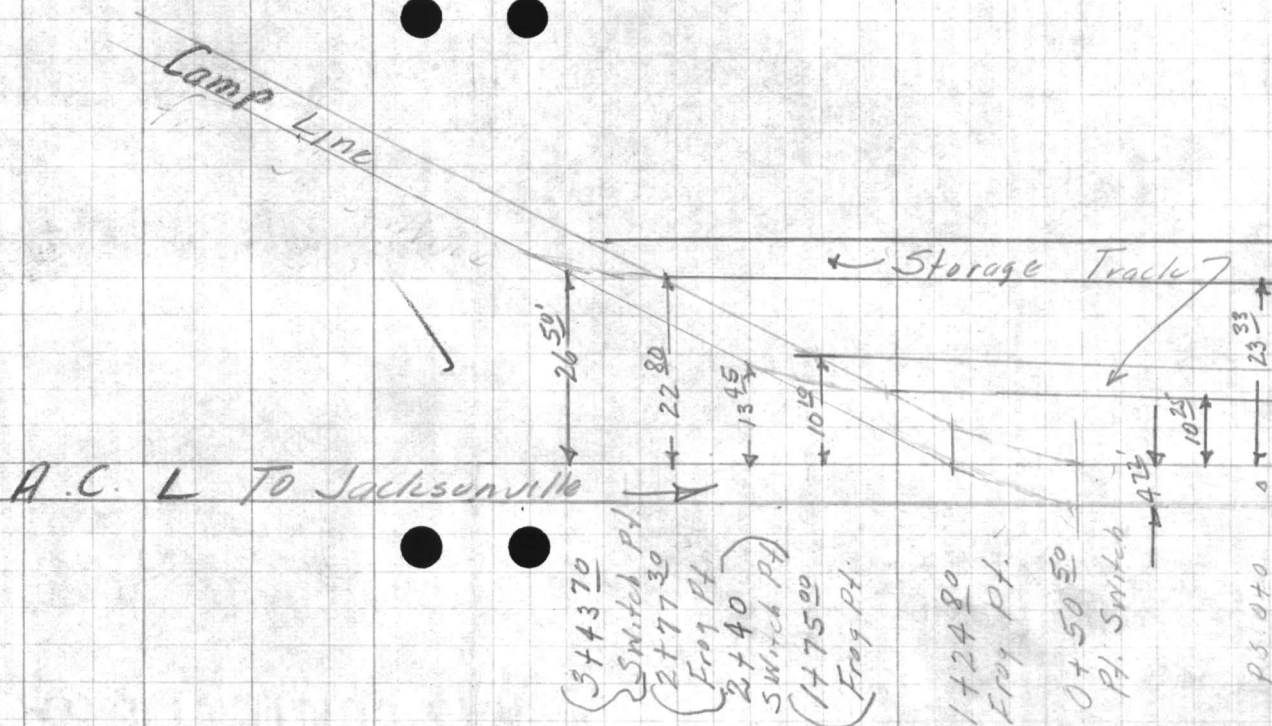
PLOTTED BY _____

DATE _____

19 _____

Quad. No. _____

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



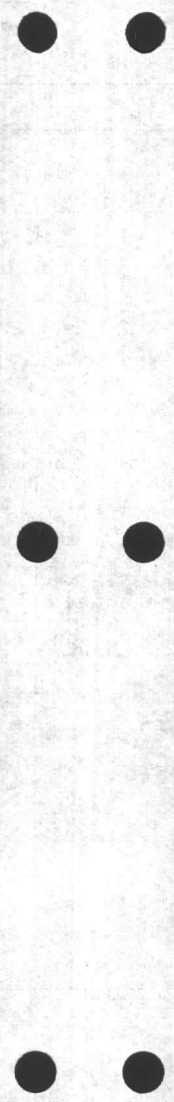
VALUABLE

RETURN TO
PULP & WORKS
OFFICE
CAMPBELL BRIDGE
NORTH CAROLINA

STATION DIST

BEAR & ...
VAIL AND ...

WILD-FANNY
CLEAR
CLOUDY
MISTY
RAIN
WIND
TEMPERATURE
DIRECTION
SPEED
MOON
PHASE
TIME
DATE
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.

CLEAR
CLOUDY
WINDY
RAIN
FAIR

WEATHER

SNOW
HOT
MODERATE
COLD
FOG

FILE No. _____

FLDR. No. _____

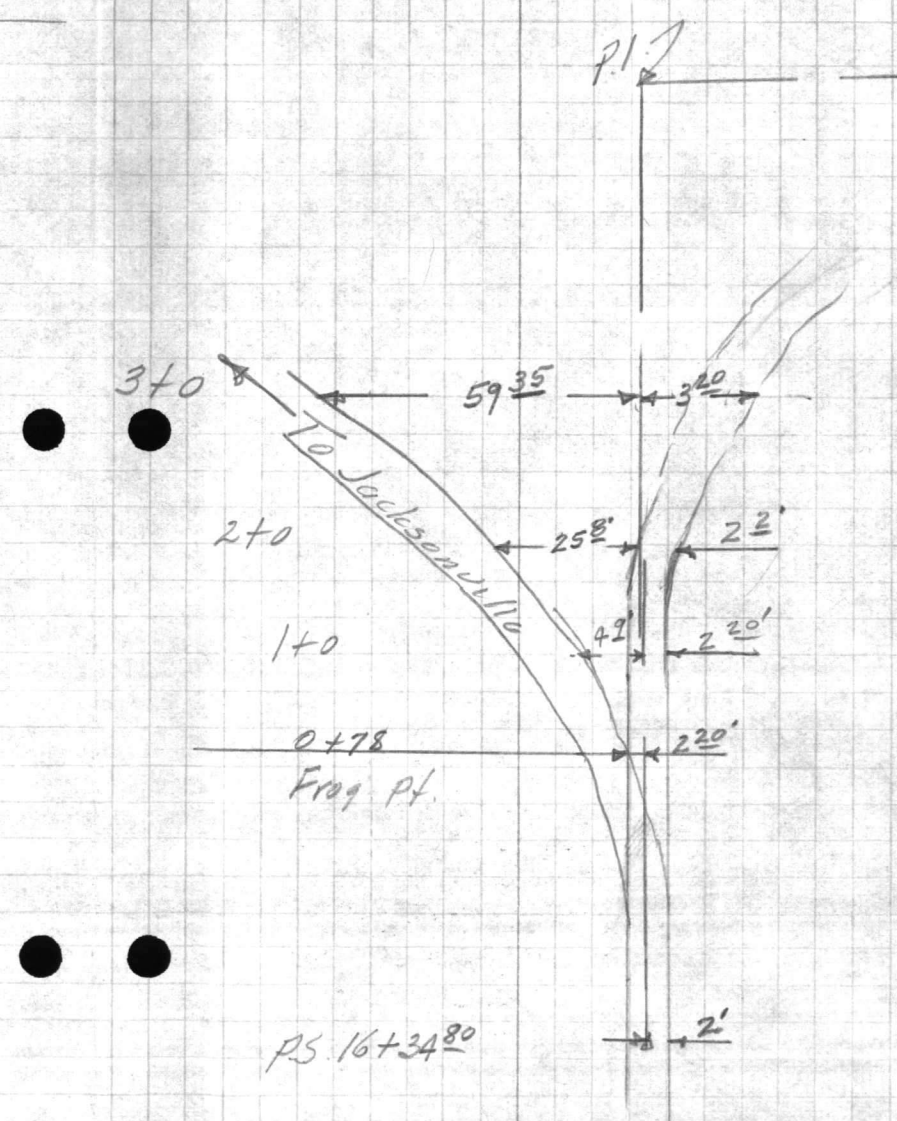
SHEET 60f

DATE _____

19__

Quad. No. _____

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



VALUABLE

STATION TO
PUBLIC WORKS
OFFICE
CAMP LEWIS
NORTH CAROLINA

STATION TO

FIELD PARTY

IN CHARGE

INSTRUMENT

NOTES

TAPK MARK

TYPE OF ROD

WATER CHECKED BY

PLANTED BY

WEATHER

CLEAR

CLOUDY

WINDY

RAIN

FOG

THUNDER

WIND

FILE NO.

DATE

TIME

PLACE

PLANT

MARK

TYPE

NO.

DATE

TIME

PLACE

PLANT

MARK

TYPE

NO.

DATE

TIME

PLACE

PLANT

MARK

TYPE

NO.

DATE

TIME

PLACE

PLANT

MARK

TYPE

NO.

DATE

TIME

PLACE

FIELD PARTY
C. B. ...
W. ...
D. ...
E. ...
F. ...
G. ...
H. ...
I. ...
J. ...
K. ...
L. ...
M. ...
N. ...
O. ...
P. ...
Q. ...
R. ...
S. ...
T. ...
U. ...
V. ...
W. ...
X. ...
Y. ...
Z. ...
AA. ...
AB. ...
AC. ...
AD. ...
AE. ...
AF. ...
AG. ...
AH. ...
AI. ...
AJ. ...
AK. ...
AL. ...
AM. ...
AN. ...
AO. ...
AP. ...
AQ. ...
AR. ...
AS. ...
AT. ...
AU. ...
AV. ...
AW. ...
AX. ...
AY. ...
AZ. ...
BA. ...
BB. ...
BC. ...
BD. ...
BE. ...
BF. ...
BG. ...
BH. ...
BI. ...
BJ. ...
BK. ...
BL. ...
BM. ...
BN. ...
BO. ...
BP. ...
BQ. ...
BR. ...
BS. ...
BT. ...
BU. ...
BV. ...
BW. ...
BX. ...
BY. ...
BZ. ...
CA. ...
CB. ...
CC. ...
CD. ...
CE. ...
CF. ...
CG. ...
CH. ...
CI. ...
CJ. ...
CK. ...
CL. ...
CM. ...
CN. ...
CO. ...
CP. ...
CQ. ...
CR. ...
CS. ...
CT. ...
CU. ...
CV. ...
CW. ...
CX. ...
CY. ...
CZ. ...
DA. ...
DB. ...
DC. ...
DD. ...
DE. ...
DF. ...
DG. ...
DH. ...
DI. ...
DJ. ...
DK. ...
DL. ...
DM. ...
DN. ...
DO. ...
DP. ...
DQ. ...
DR. ...
DS. ...
DT. ...
DU. ...
DV. ...
DW. ...
DX. ...
DY. ...
DZ. ...
EA. ...
EB. ...
EC. ...
ED. ...
EE. ...
EF. ...
EG. ...
EH. ...
EI. ...
EJ. ...
EK. ...
EL. ...
EM. ...
EN. ...
EO. ...
EP. ...
EQ. ...
ER. ...
ES. ...
ET. ...
EU. ...
EV. ...
EW. ...
EX. ...
EY. ...
EZ. ...
FA. ...
FB. ...
FC. ...
FD. ...
FE. ...
FF. ...
FG. ...
FH. ...
FI. ...
FJ. ...
FK. ...
FL. ...
FM. ...
FN. ...
FO. ...
FP. ...
FQ. ...
FR. ...
FS. ...
FT. ...
FU. ...
FV. ...
FW. ...
FX. ...
FY. ...
FZ. ...
GA. ...
GB. ...
GC. ...
GD. ...
GE. ...
GF. ...
GG. ...
GH. ...
GI. ...
GJ. ...
GK. ...
GL. ...
GM. ...
GN. ...
GO. ...
GP. ...
GQ. ...
GR. ...
GS. ...
GT. ...
GU. ...
GV. ...
GW. ...
GX. ...
GY. ...
GZ. ...
HA. ...
HB. ...
HC. ...
HD. ...
HE. ...
HF. ...
HG. ...
HH. ...
HI. ...
HJ. ...
HK. ...
HL. ...
HM. ...
HN. ...
HO. ...
HP. ...
HQ. ...
HR. ...
HS. ...
HT. ...
HU. ...
HV. ...
HW. ...
HX. ...
HY. ...
HZ. ...
IA. ...
IB. ...
IC. ...
ID. ...
IE. ...
IF. ...
IG. ...
IH. ...
II. ...
IJ. ...
IK. ...
IL. ...
IM. ...
IN. ...
IO. ...
IP. ...
IQ. ...
IR. ...
IS. ...
IT. ...
IU. ...
IV. ...
IW. ...
IX. ...
IY. ...
IZ. ...
JA. ...
JB. ...
JC. ...
JD. ...
JE. ...
JF. ...
JG. ...
JH. ...
JI. ...
JJ. ...
JK. ...
JL. ...
JM. ...
JN. ...
JO. ...
JP. ...
JQ. ...
JR. ...
JS. ...
JT. ...
JU. ...
JV. ...
JW. ...
JX. ...
JY. ...
JZ. ...
KA. ...
KB. ...
KC. ...
KD. ...
KE. ...
KF. ...
KG. ...
KH. ...
KI. ...
KJ. ...
KK. ...
KL. ...
KM. ...
KN. ...
KO. ...
KP. ...
KQ. ...
KR. ...
KS. ...
KT. ...
KU. ...
KV. ...
KW. ...
KX. ...
KY. ...
KZ. ...
LA. ...
LB. ...
LC. ...
LD. ...
LE. ...
LF. ...
LG. ...
LH. ...
LI. ...
LJ. ...
LK. ...
LL. ...
LM. ...
LN. ...
LO. ...
LP. ...
LQ. ...
LR. ...
LS. ...
LT. ...
LU. ...
LV. ...
LW. ...
LX. ...
LY. ...
LZ. ...
MA. ...
MB. ...
MC. ...
MD. ...
ME. ...
MF. ...
MG. ...
MH. ...
MI. ...
MJ. ...
MK. ...
ML. ...
MN. ...
MO. ...
MP. ...
MQ. ...
MR. ...
MS. ...
MT. ...
MU. ...
MV. ...
MW. ...
MX. ...
MY. ...
MZ. ...
NA. ...
NB. ...
NC. ...
ND. ...
NE. ...
NF. ...
NG. ...
NH. ...
NI. ...
NJ. ...
NK. ...
NL. ...
NM. ...
NN. ...
NO. ...
NP. ...
NQ. ...
NR. ...
NS. ...
NT. ...
NU. ...
NV. ...
NW. ...
NX. ...
NY. ...
NZ. ...
OA. ...
OB. ...
OC. ...
OD. ...
OE. ...
OF. ...
OG. ...
OH. ...
OI. ...
OJ. ...
OK. ...
OL. ...
OM. ...
ON. ...
OO. ...
OP. ...
OQ. ...
OR. ...
OS. ...
OT. ...
OU. ...
OV. ...
OW. ...
OX. ...
OY. ...
OZ. ...
PA. ...
PB. ...
PC. ...
PD. ...
PE. ...
PF. ...
PG. ...
PH. ...
PI. ...
PJ. ...
PK. ...
PL. ...
PM. ...
PN. ...
PO. ...
PP. ...
PQ. ...
PR. ...
PS. ...
PT. ...
PU. ...
PV. ...
PW. ...
PX. ...
PY. ...
PZ. ...
QA. ...
QB. ...
QC. ...
QD. ...
QE. ...
QF. ...
QG. ...
QH. ...
QI. ...
QJ. ...
QK. ...
QL. ...
QM. ...
QN. ...
QO. ...
QP. ...
QQ. ...
QR. ...
QS. ...
QT. ...
QU. ...
QV. ...
QW. ...
QX. ...
QY. ...
QZ. ...
RA. ...
RB. ...
RC. ...
RD. ...
RE. ...
RF. ...
RG. ...
RH. ...
RI. ...
RJ. ...
RK. ...
RL. ...
RM. ...
RN. ...
RO. ...
RP. ...
RQ. ...
RR. ...
RS. ...
RT. ...
RU. ...
RV. ...
RW. ...
RX. ...
RY. ...
RZ. ...
SA. ...
SB. ...
SC. ...
SD. ...
SE. ...
SF. ...
SG. ...
SH. ...
SI. ...
SJ. ...
SK. ...
SL. ...
SM. ...
SN. ...
SO. ...
SP. ...
SQ. ...
SR. ...
SS. ...
ST. ...
SU. ...
SV. ...
SW. ...
SX. ...
SY. ...
SZ. ...
TA. ...
TB. ...
TC. ...
TD. ...
TE. ...
TF. ...
TG. ...
TH. ...
TI. ...
TJ. ...
TK. ...
TL. ...
TM. ...
TN. ...
TO. ...
TP. ...
TQ. ...
TR. ...
TS. ...
TT. ...
TU. ...
TV. ...
TW. ...
TX. ...
TY. ...
TZ. ...
UA. ...
UB. ...
UC. ...
UD. ...
UE. ...
UF. ...
UG. ...
UH. ...
UI. ...
UJ. ...
UK. ...
UL. ...
UM. ...
UN. ...
UO. ...
UP. ...
UQ. ...
UR. ...
US. ...
UT. ...
UU. ...
UV. ...
UW. ...
UX. ...
UY. ...
UZ. ...
VA. ...
VB. ...
VC. ...
VD. ...
VE. ...
VF. ...
VG. ...
VH. ...
VI. ...
VJ. ...
VK. ...
VL. ...
VM. ...
VN. ...
VO. ...
VP. ...
VQ. ...
VR. ...
VS. ...
VT. ...
VU. ...
VV. ...
VW. ...
VX. ...
VY. ...
VZ. ...
WA. ...
WB. ...
WC. ...
WD. ...
WE. ...
WF. ...
WG. ...
WH. ...
WI. ...
WJ. ...
WK. ...
WL. ...
WM. ...
WN. ...
WO. ...
WP. ...
WQ. ...
WR. ...
WS. ...
WT. ...
WU. ...
WV. ...
WW. ...
WX. ...
WY. ...
WZ. ...
XA. ...
XB. ...
XC. ...
XD. ...
XE. ...
XF. ...
XG. ...
XH. ...
XI. ...
XJ. ...
XK. ...
XL. ...
XM. ...
XN. ...
XO. ...
XP. ...
XQ. ...
XR. ...
XS. ...
XT. ...
XU. ...
XV. ...
XW. ...
XX. ...
XY. ...
XZ. ...
YA. ...
YB. ...
YC. ...
YD. ...
YE. ...
YF. ...
YG. ...
YH. ...
YI. ...
YJ. ...
YK. ...
YL. ...
YM. ...
YN. ...
YO. ...
YP. ...
YQ. ...
YR. ...
YS. ...
YT. ...
YU. ...
YV. ...
YW. ...
YX. ...
YY. ...
YZ. ...
ZA. ...
ZB. ...
ZC. ...
ZD. ...
ZE. ...
ZF. ...
ZG. ...
ZH. ...
ZI. ...
ZJ. ...
ZK. ...
ZL. ...
ZM. ...
ZN. ...
ZO. ...
ZP. ...
ZQ. ...
ZR. ...
ZS. ...
ZT. ...
ZU. ...
ZV. ...
ZW. ...
ZX. ...
ZY. ...
ZZ. ...

VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT

Tie for R.R. P.I.

Camp Knox Rd + Hwy. #24

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

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

FILE No. _____
FLDR. No. _____
SHEET # *2 of 2*
DATE *9/25/1969*

Quad. No. _____

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

Mon. # 339

① 173° 33' 15"
② 160° 40' 00"
M 173° 33' 20"

Mon. # 39

581.69

① 135° 50' 00"
② 47° 31' 00"
M 135° 50' 20"

R.R. P.I.

Interior A for Curve Data Check

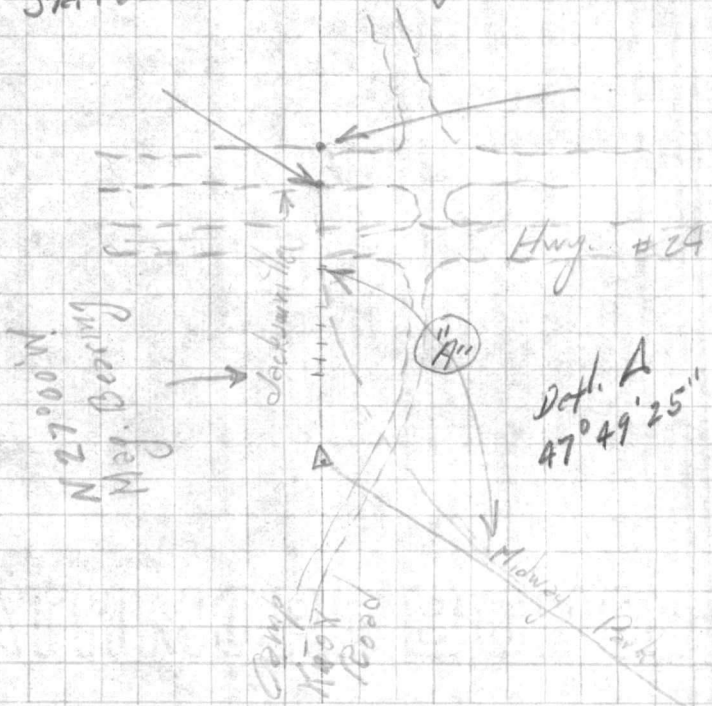
① 132° 10' 30"
② 36° 31' 45"
M 132° 10' 35"

Sight toward Jville

From P.I. to Hwy #24
+2' to Inside Edge 365
+ 72.12
437.12
+ 2.84
439.96
+ 22.33
= Hwy #24 462.29

2nd Edge 47.50
- 2.84
2 44.66 Width of R.
22.33 1/2" "

P.I. 110 + 97.52
- 462.29
Sta. 106 35.23 = Hwy #24



132-10-30

3

396-31-30

360

36

31-45

135-50

3

407 30

360

47

173-33-15

3

520 39-45

360

160

PUBLIC WORKS DEPARTMENT
Camp Lejeune, North Carolina
Survey Department

File 98 Gen
Quadrangle 98-99
Date 9/25/59
Sheet #1 of 1

Traverse Computation
Description

Using R/W Plan Data.
Tie Traverse for Co-ordinating M.B.R.R. to Jacksonville

Station	Distance	Bearing	Cosine	Sine	Latitude	Departure	Y Coordinate North	X Coordinate East
P.I. # 21 on 110KV Trans. Line Survey		559° 01' 53" E					375,174.59	2,478,869.51
P.O.T	705.87	"	514568	857449	363. ⁰⁴ 11	605. ¹⁴ 08	374,811.55	2,479,474.65
Int. of A.C.L. & M.B.R.R. Tangent	1869.25	548° 03' 27" W	668384	743816	1249. ¹¹ 38	1390. ²⁴ 33	373,562.44	2,478,084.41
P.I. 50+83 M.B.R.R.	4329.54	545° 13' 22" E	704352	709851	3048. ⁸⁸ 3049.52	3073. ⁶⁵ 3073.33	370,513.56	2,481,158.06
P.I. 65+07.6 "	1429.90	525° 05' 06" E	905680	423962	1294. ⁷⁵ 1295.03	606. ²⁸ 606.77	369,218.81	2,481,764.34
P.I. 110+97.5	4591.05	532° 44' 51" E	841063	540938	3860. ⁵² 3861.36	2483. ⁷² 2483.47	365,358.29	2,484,248.06
V.S.M.C. # 39	581.69	576° 54' 15" E	226580	973912	131. ⁷⁷ 131.80	566. ⁶² 566.56	365,226.52	2,484,814.68
To Mon. # 339		583° 20' 39" E					365,224.38	2,484,813.79

Reworked from Field Measurements
See Sheets Dated 10/21/59
5/15/61

Err. +00° 01' 34"
Adjusted

$$13,507.10 \div \sqrt{2.14^2 + 0.89^2} = \frac{1}{5,822}$$

-9950.21	+7334.66	-2.14	-0.89
	-1390.38		
	+5944.28		

Adjusted.

1112.40
4
444960

1112.40
44
444960
444960
4894560

1112.40
49
91

1121.45
24
448580
224290
2691480

45
27
18

ALMA DEBETI...
CASA...
LUBIC...
LUBIC...

Old 110 KV Transmission Survey - Filed 97 Gen.

PUBLIC WORKS DEPARTMENT
Camp Lejeune, North Carolina
Survey Department

File 98 Gen.
Quadrangle _____
Date 10/21/59
Sheet 1 of 3

Traverse Computation Description Traverse from Camp Boundary at Jacksonville at N.C. Hwy #24 to R.R. Wye N.E. of Jacksonville on N.C. Hwy #17 & then with M.B.R.R. to N.C. Hwy #24 at Camp Knox Road.

Station	Distance	Bearing	Cosine	Sine	Latitude	Departure	Y Coordinate North	X Coordinate East
USMC MON. # 26		N 44-53-00 E	from	USMC	MON # 27		367,139.14	2,475,379.97
P.I. # 1	⁴¹ 921.23	N 61-52-54 W	4712941	8819761	^{433.98} 435.17 - .19	^{.131} 812.50 - .19	367,573.12	2,474,567.66
P.I. # 2	⁵⁰ 798.34	N 45-40-48 W	6986651	7154489	^{.53} 557.77 - .24	^{.04} 571.17 - .13	368,130.65	2,473,996.62
P.I. # 3	^{1351.06} 1350.79	N 42-11-22 W	7409283	6715841	^{.40} 1000.84 - .44	^{906.96} 907.17 - .21	369,131.05	2,473,089.66
P.I. # 4	^{586.10} 585.98	N 61-03-16 W	4839783	8750800	^{.48} 283.60 - .12	^{.66} 512.78 - .12	369,414.53	2,472,577.00
P.I. # 5	⁹⁵ 238.91	S 78-17-25 W	2029534	9791884	^{.51} 48.47 + .02	^{.88} 233.94 - .06	369,366.02	2,472,343.12
P.I. # 6	⁵⁷ 305.51	N 42-00-29 W	7430507	6692351	^{226.91} 227.01 - .10	^{.41} 204.46 - .05	369,592.93	2,472,138.71
P.I. # 7	²⁸ 411.20	N 45-36-27 E	6995698	7145643	^{.53} 287.66 - .13	^{.90} 293.83 + .07	369,880.46	2,472,432.61
P.I. # 8	^{616.86} 618.74	N 50-17-37 W	6388536	7693283	^{.11} 395.28 - .17	^{475.90} 476.01 - .11	370,275.57	2,471,956.71
P.I. # 9	⁸³ 127.81	N 12-44-39 E	9753648	2205981	^{.61} 124.66 - .05	^{.20} 28.19 + .01	370,400.18	2,471,984.91
P.I. # 10	⁸⁰ 176.76	N 47-30-35 E	6754651	7373920	^{.35} 119.40 - .05	^{.37} 130.34 + .03	370,519.53	2,472,115.28
P.I. # 11	⁹⁶ 412.88	N 72-34-41 E	2994062	9541257	^{.57} 123.66 - .05	^{394.03} 393.94 + .09	370,643.10	2,472,509.31
P.I. # 12	⁶⁵ 351.58	N 39-09-17 E	7754437	6314167	^{.51} 272.63 - .12	^{222.04} 221.99 + .05	370,915.61	2,472,731.35
P.I. # 13	⁶⁷ 623.55	N 12-56-33 E	9745953	2239731	^{.44} 607.71 - .27	^{.69} 139.66 + .03	371,523.05	2,472,871.04

PUBLIC WORKS DEPARTMENT
Camp Lejeune, North Carolina
Survey Department

File _____
Quadrangle _____
Date _____
Sheet 2 of 3

Traverse Computation
Description

Station	Distance	Bearing	Cosine	Sine	Latitude	Departure	Y Coordinate North	X Coordinate East
P.I. # 13							371,523.05	2,472,871.04
P.I. # 14	¹⁹ 336.13	N10-03-49E	9609551	2767044	^{322.87} 323.01-14	⁰³ 93.01+02	371,845.92	2,472,964.07
P.I. # 15	⁸⁴ 687.70	N16-10-30E	9604153	2785721	^{.19} 660.48-.29	^{.62} 191.57+.05	372,506.11	2,473,155.69
P.I. # 16	⁶⁴ 1659.31	N16-05-16E	9609383	2771097	^{1593.63} 1594.33-.70	^{.92} 459.64+.11	374,099.74	2,473,615.61
P.I. # 17	⁸¹ 991.61	N15-57-27E	9614659	2749242	^{952.98} 953.40-.42	^{.68} 272.62+.06	375,052.72	2,473,888.29
P.I. # 18	⁵⁰ 1175.46	N87-08-23E	0499005	9987542	^{.63} 58.46-.03	^{.28} 1174.00+.28	375,111.35	2,475,062.57
P.I. # 19	⁶⁰ 2115.18	N89-02-29E	0167301	9998600	³⁷ 35.39-.02	^{2115.38} 2114.88+.50	375,146.72	2,477,177.95
P.I. # 20	⁶⁷ 1041.47	N89-05-45E	0157800	9998755	⁴² 16.43-.01	^{.59} 1041.34+.25	375,163.14	2,478,219.54
P.I. # 21	⁴² 654.29	N89-06-41E	0155086	9998797	^{10.15}	^{.36} 654.24+.15	375,173.29	2,478,873.90
P.O.T. & ACL	⁶⁷ 705.60	S59-01-48E	5145892	8574369	^{.25} 363.09+.16	^{.15} 605.01+.14	374,810.04	2,479,479.05
INT. ACL & MBR R tangent	⁵³ 1869.23	S48-03-08W	6684530	7437544	^{1250.04} 1249.49+.55	^{1389.92} 1390.25-.33	373,560.00	2,478,089.13
P.I. 50 + 0.28	⁵⁷ 4327.07	S45-13-56E	7042350	7099669	^{3048.60} 3047.27+.133	^{.82} 3072.08+.74	370,511.40	2,481,161.95
P.I. 65 + 07.6	⁸⁴ 1428.42	S25-05-30E	9056305	4240677	^{1294.19} 1293.62+.57	^{.89} 605.25+.14	369,217.21	2,481,767.84
P.I. 110 + 97.52	^{4586.17} 4585.39	S32-44-09E	8411727	5407665	^{3858.79} 3857.10+.69	^{2480.22} 2479.63	365,358.42	2,484,248.06

M.B. R.F.

PUBLIC WORKS DEPARTMENT
Camp Lejeune, North Carolina
Survey Department

File _____
Quadrangle _____
Date _____
Sheet 3 of 3

Traverse Computation
Description

M.B.R.R. →

Station	Distance	Bearing	Cosine	Sine	Latitude	Departure	Y Coordinate North	X Coordinate East
P.I. 110+							365,358.42	2,484,248.06
WSMC #39	581.63	S 76-53-54 E	2266796	9739694	131.34 + .06	566.49 + .13	365,226.52	2,484,814.68 ✓
WSMC MON #339		S 83-20-39 E						
		S 83-18-45						
							365,234.44	2,484,810.04

Error - 0° 1' 54"
Adj.

- 9,990.90 + 14,538.35 + 7.92 - 4.64
+ 8,086.20 - 5,108.28
- 1,904.70 + 9,430.07

$29,081.77 \div \sqrt{7.92^2 + 4.64^2} = 113171$

DEPARTMENT OF THE ARMY
HEADQUARTERS

OFFICE

OF THE

CHIEF OF

STAFF

GENERAL

STAFF

OFFICE

OF THE

OFFICE OF THE CHIEF OF STAFF
GENERAL STAFF OFFICE
HEADQUARTERS, DEPARTMENT OF THE ARMY

1918

*Original Co-ords.
Revised*

881.36'

PUBLIC WORKS DEPARTMENT
Camp Lejeune, North Carolina
Survey Department

File 98 Gen.
Quadrangle _____
Date _____
Sheet _____ of _____

Traverse Computation
Description

Station	Distance	Bearing	Cosine	Sine	Latitude	Departure	Y Coordinate North	X Coordinate East
P.I. #21 ON 110 KV TRANS. LINE SURVEY		S 59° 01' 53" E	TO P.I. #22				375,174.59	2,478,869.51
P.O.T.	705.67		5145684	8574483	363.12	605.08		
INT. A.G.L. E & M. B.R.R. TANGENT	1869.25	S 78° 03' 03" W	6684710	7437382	1249.54	1390.23		
P.I. 50+80.38	4826.92	S 45° 14' 00" E	7042213	7099806	3047.11	3072.03		
P.I. 65+	1428.63	S 25° 05' 34" E	9056223	4240853	1293.80	605.86		
P.I. 110+	4585.48	S 32° 44' 13" E	8411623	5407828	3857.13	2479.75		
USMC MON. #39	581.69	S 76° 53' 56" E	2266702	9739716	131.85	566.55	365,226.52	2,484,814.68
MON. #339		S 83° 20' 39" E						
		83-20-18"						
					9942.55	+ 7329.27 - 1390.23 + 5939.04	+ 5.52	- 6.13

ERR. 00° 0' 21"
Adjusted.

9,991.04 ✓
+ 8,087.13 ✓
- 1,903.91
+ 14,539.29
- 5,108.64
+ 9,430.65

PUBLIC WORKS DEPARTMENT
Camp Lejeune, North Carolina
Survey Department

Traverse tie from Camp-Jacksonville Boundary at N.C. Hwy. #24 to R.R. Wye
N.E. of Jacksonville on N. Hwy. #17 then with M.C.R.R. to N.C. Hwy. #24

File 98 Gen.
Quadrangle _____
Date 5/15/61
Sheet 1 of 3

Traverse Computation
Description

Station	Distance	Bearing	Cosine	Sine	Latitude	Departure	Y Coordinate North	X Coordinate East
U.S.M.C. Mon. # 26							367,139.14	2,475,379.97
P.I. #1	921.41	N	W		¹⁰ 434.26 .16	^{.59} 812.66 .07	367,573.24	2,474,567.38
P.I. #2	798.50	N	W		⁶⁸ 557.88 .20	^{.24} 571.24 .05	368,130.92	2,473,996.14
P.I. #3	1351.06	N	W		^{1000.68} 1001.04 .36	^{.27} 907.35 .08	369,131.60	2,473,088.87
P.I. #4	586.10	N	W		^{.54} 283.66 .10	^{.83} 572.88 .05	369,415.16	2,472,576.04
P.I. #5	238.95	S	W		^{.52} 48.50 .02	^{.96} 233.78 .02	369,366.64	2,472,342.08
P.I. #6	305.57	N	W		^{226.97} 227.65 .08	^{.48} 204.50 .02	369,593.61	2,472,137.60
P.I. #7	411.28	N	E		^{.62} 287.72 .10	^{.92} 293.89 .03	369,881.23	2,472,431.52
P.I. #8	616.86	N	W		^{393.94} 394.08 .14	^{.53} 474.57 .04	370,275.17	2,471,956.99
P.I. #9	127.83	N	E		^{.63} 124.68 .05	28.20	370,399.80	2,471,985.19
P.I. #10	176.80	N	E		^{.38} 119.42 .04	^{.38} 130.37 .01	370,519.18	2,472,115.57
P.I. #11	412.96	N	E		^{.59} 123.64 .05	^{.05} 394.82 .03	370,642.77	2,472,509.62
P.I. #12	351.65	N	E		^{.58} 272.68 .10	^{.06} 222.04 .02	370,915.35	2,472,731.68
P.I. #13	623.67	N	E		^{.61} 607.83 .22	^{.70} 139.64 .01	371,522.96	2,472,871.38

PUBLIC WORKS DEPARTMENT
Camp Lejeune, North Carolina
Survey Department

File 98 Gen
Quadrangle _____
Date 5/15/61
Sheet 12 of 3

Traverse Computation
Description

Station	Distance	Bearing	Cosine	Sine	Latitude	Departure	Y Coordinate North	X Coordinate East
P.I. # 13							371,522.96	2,472,871.38
P.I. # 14	336.19	N E			322.95 323.06	11. 93.03 .01	371,845.91	2,472,964.42
P.I. # 15	687.84	N E			.37 660.47	24 191.61 .02	372,506.28	2,473,156.05
P.I. # 16	1659.64	N E			.07 1594.55	.58 459.90 .04	374,100.35	2,473,615.99
P.I. # 17	991.81	N E			.25 953.59	.34 272.67 .02	375,053.60	2,473,888.68
P.I. # 18	1175.50	N E			.64 58.66	.02 1174.04 .11	375,112.24	2,475,062.83
P.I. # 19	2115.60	N E			.38 35.34	.01 2115.20 .09	375,147.62	2,477,178.32
P.I. # 20	1041.67	N E			.43 16.44	.01 1041.54 .09	375,164.05	2,478,219.95
P.I. # 21	654.42	N E			10.15	.40 654.34 .06	375,174.20	2,478,874.35
P.O.T. to A.C.L. R.R.	705.67	S E			.26 363.73	.13 605.07 .05	374,810.94	2,479,479.47
Int. of A.C.L. & M.B.R.R. Tangent	1869.53	S W			1250.13 1249.64	.44 1390.47 .12	373,560.81	2,478,089.12
P.I. 50+	4327.57	S E			3048.73 3047.63	.10 3072.43 .27	370,512.08	2,481,161.82
P.I. 65+07.6	1428.84	S E			.47 1294.00	.47 605.42 .05	369,217.61	2,481,767.79
P.I. 110+97.52	4586.17	S E			3859.16 3857.74	1.40 2480.05 .22	365,358.45	2,484,248.06

PUBIC WORKS DEPARTMENT
CANTON, MASSACHUSETTS
SURVEY DEPARTMENT

Station	Distance	Bearing	Course	Sine	Latitude	Departure	Y Coordinate	X Coordinate

File

Sheet

Traverse Computation

Description

PUBLIC WORKS DEPARTMENT
Camp Lejeune, North Carolina
Survey Department

File 98 Gen.
 Quadrangle _____
 Date 5/15/61
 Sheet 3 of 3

Traverse Computation
Description

Station	Distance	Bearing	Cosine	Sine	Latitude	Departure	Y Coordinate North	X Coordinate East
P.I. 110+							365,358.45	2484,248.06
U.S.M.C. Mon. # 39	581.71	S	E		131. ⁹¹ 86 . ⁰⁵	566. ⁶² 57 . ⁰⁵	365,226.52	2484,814.68 ✓
							Err. + 6.54	Err. - 1.73
							Adjusted	

$$29,084.80 \div \sqrt{6.54^2 + 1.73^2} = \frac{1}{4303}$$

+ 8086.49	+ 14,540.68
- 9992.57	- 5107.70
- 1906.08	+ 9,432.98

VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT

Stake out of Parcel
of Land near
Dew Drop Inn

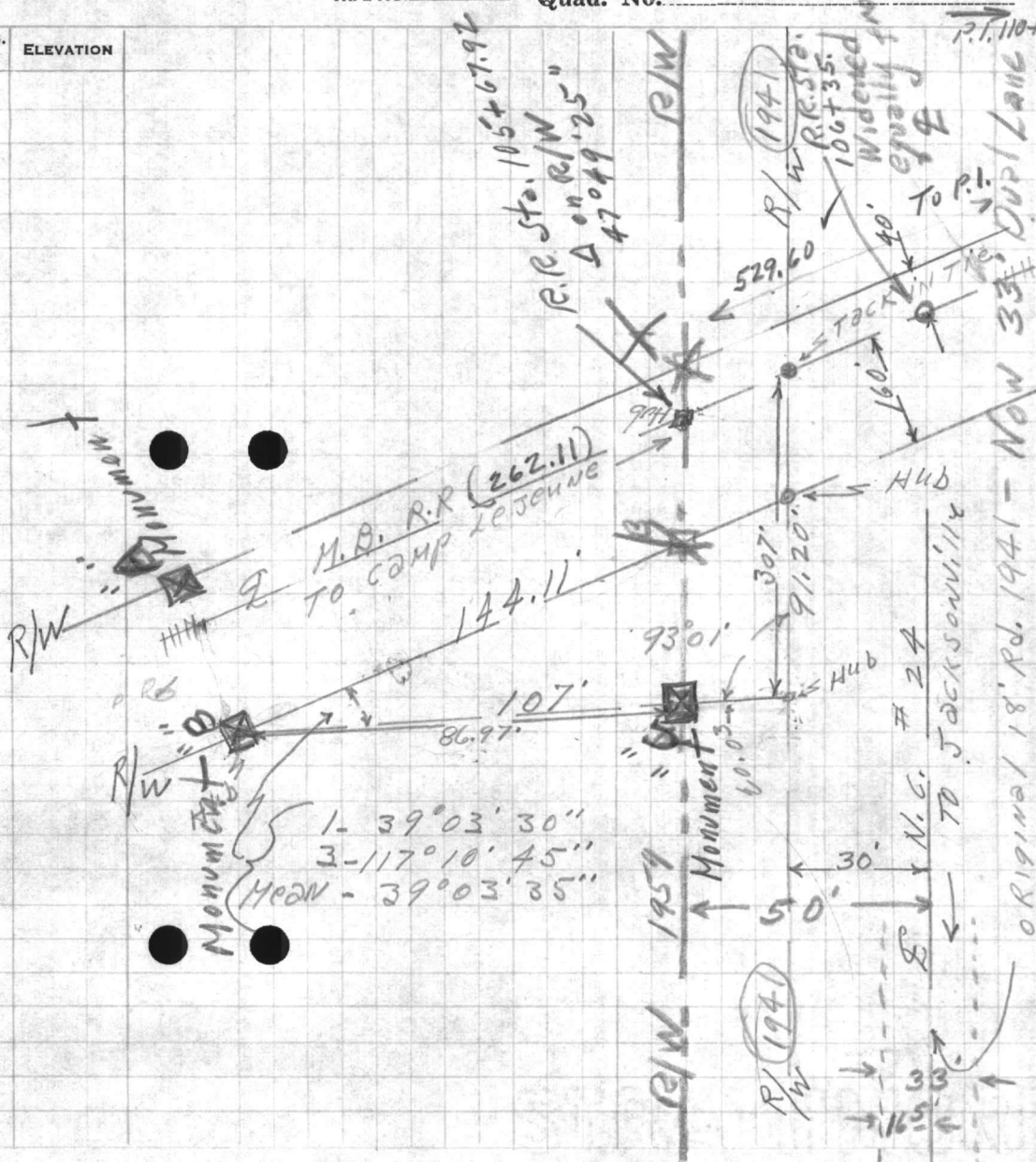
On R.R. RW

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. 9864
FLDR. No. _____
SHEET # 1
DATE 9-30 1959
Quad. No. _____

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



1- $39^{\circ}03'30''$
3- $117^{\circ}10'45''$
MEAN - $39^{\circ}03'35''$

ORIGINAL 18' Rd. 1941 - Now 33' Duple Lane

WEATHER
 CLEAR
 CLOUDY
 HOT
 WINDY
 RAIN
 FOG
 FAIR
 LIGHT BREEZE
 HEAVY BREEZE
 CALM
 LIGHT BREEZE
 HEAVY BREEZE
 CALM
 LIGHT BREEZE
 HEAVY BREEZE
 CALM

[Faint, mostly illegible handwritten notes and sketches on the left side of the page, including some circular diagrams and lines.]

SUBJECT
 LOCATION
 DATE
 TIME
 NAME
 GRADE
 COURSE
 DISTANCE
 DIRECTION
 SPEED
 ALTITUDE
 TEMPERATURE
 HUMIDITY
 WIND DIRECTION
 WIND VELOCITY
 VISIBILITY
 CLOUDS
 PRECIPITATION
 STATE OF SKY
 STATE OF SEA
 STATE OF AIR
 STATE OF SURFACE
 STATE OF UNDERGROUND
 STATE OF ATMOSPHERE
 STATE OF SOIL
 STATE OF VEGETATION
 STATE OF ANIMALS
 STATE OF PLANTS
 STATE OF MINERALS
 STATE OF METALS
 STATE OF COMPOUNDS
 STATE OF ELEMENTS

[Faint, mostly illegible handwritten notes and sketches on the right side of the page, including some lines and small diagrams.]

VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT

*R/W 200. M.B. R.R.
ATT Bell fork Rd.*

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 _____

FIGURED BY _____

NOTES CHECKED BY _____

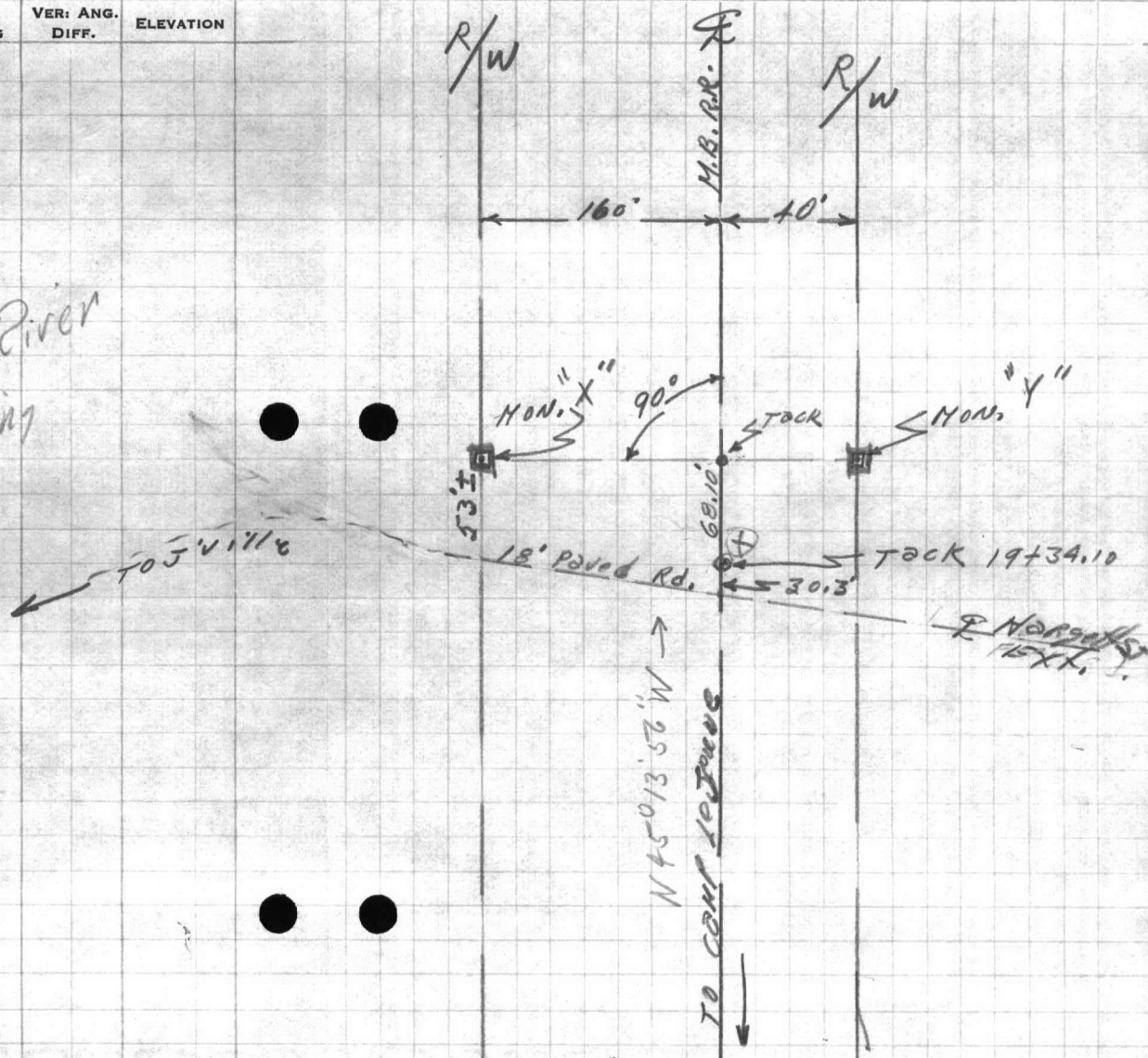
PLOTTED BY _____

DATE *10-12-59*

Quad. No. _____

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

*New River
Housing*



STATION
DATE
TIME
OFFICER

STATION
DATE
TIME
OFFICER

PLATE NO.
CLASS
TYPE
MAKE
MODEL
YEAR
COLOR
VIN
REGISTRATION NO.
TAXES

WEATHER
ROAD
CONDITIONS
OFFICER
SERIAL NO.



VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT _____

FIELD PARTY

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

WEATHER

CLEAR _____ 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	TACK	
		°	' "						
								$\Delta 20^{\circ} 08' 30''$	1-159-51-30
								T E 22.40'	3-119-34-30
									14-159-51-30
									39-51-30
									463.42
									383.90
									79.52
									TACK

101. COM. LEJEUNE

*P.F. $\Delta 7^{\circ} 38' 35''$
EX. 11.91'
T 358.77'
D 1' 04''*

*1-172-21-30
3-157-04-15"
M-172° 21' 25''*

LINE NO.

LINE NO.

LINE NO.

LINE NO.

WEATHER

CLEAR
CLOUDY
DRIZZLE
FOG
HAIL
MIST
RAINY
SNOW
THUNDER

OTHER BY
OTHER BY

Wind No.

FIELD PARTY

NAME
TITLE
POSITION
ADDRESS
CITY
STATE
ZIP

STATE
COUNTY
MILEAGE
OFFICE
CAMP
WEST CAROLINA

STATION
DATE
ANGLE
+
BEARING
ELEVATION

RECEIVED BY
CHECK ONE

73.10
28
82

PUBLIC WORKS DEPARTMENT
Camp Lejeune, North Carolina
Survey Department

File _____
Quadrangle _____
Date _____
Sheet _____ of _____

Traverse Computation
Description

Right-of-Way Monuments - On R.R. - Camp to Jacksonville

Station	Distance	Bearing	Cosine	Sine	Latitude	Departure	Y Coordinate North	X Coordinate East
P.I. 50 + 80.38		N 45° 13' 56" W	704235	709967			370,511.40	2,481,161.95
35 + 68.90 = 15 + 71.5 R.R. Sta.	1579.58	"	"	"	1111.91 112.46	1072.18 112.45	371,623.31	2,480,040.77
MON. "X" ON WEST R/W	160'	S 44-46' 04" W	709967	704235	113.59	112.68	371,509.72	2,479,928.09
MON. "Y" ON EAST R/W	40'	N 44-46' 04" E	709967	704235	28.40	28.17	371,651.71	2,480,068.94
P.I. 110 + 97.52 ^{PLAN} Sta.							365,358.42	2,484,248.06
TACK	791.71	N 32° 44' 09" W	841173	540766	665.97 ^{.68}	428.13 ^{.03}	366,024.10	2,483,820.03
MON. "A" EAST RR R/W	40'	N 57° 15' 51" E	540766	841173	21.63	33.65	366,045.73	2,483,853.68
MON. "B" WEST RR R/W	160'	S 57° 15' 51" W	540766	841173	86.52	134.59	365,937.58	2,483,685.44
MON. "C" WEST RR R/W North #2450' R/W	86.97	S 6° 19' 26" W	993915	110149	86.44	9.58	365,851.14	2,483,675.86

THE UNIVERSITY OF MICHIGAN
Library of Theological Studies
Ann Arbor, Michigan

Copyright

Library of Theological Studies

Copyright

Library of Theological Studies

Library of Theological Studies

Library of Theological Studies

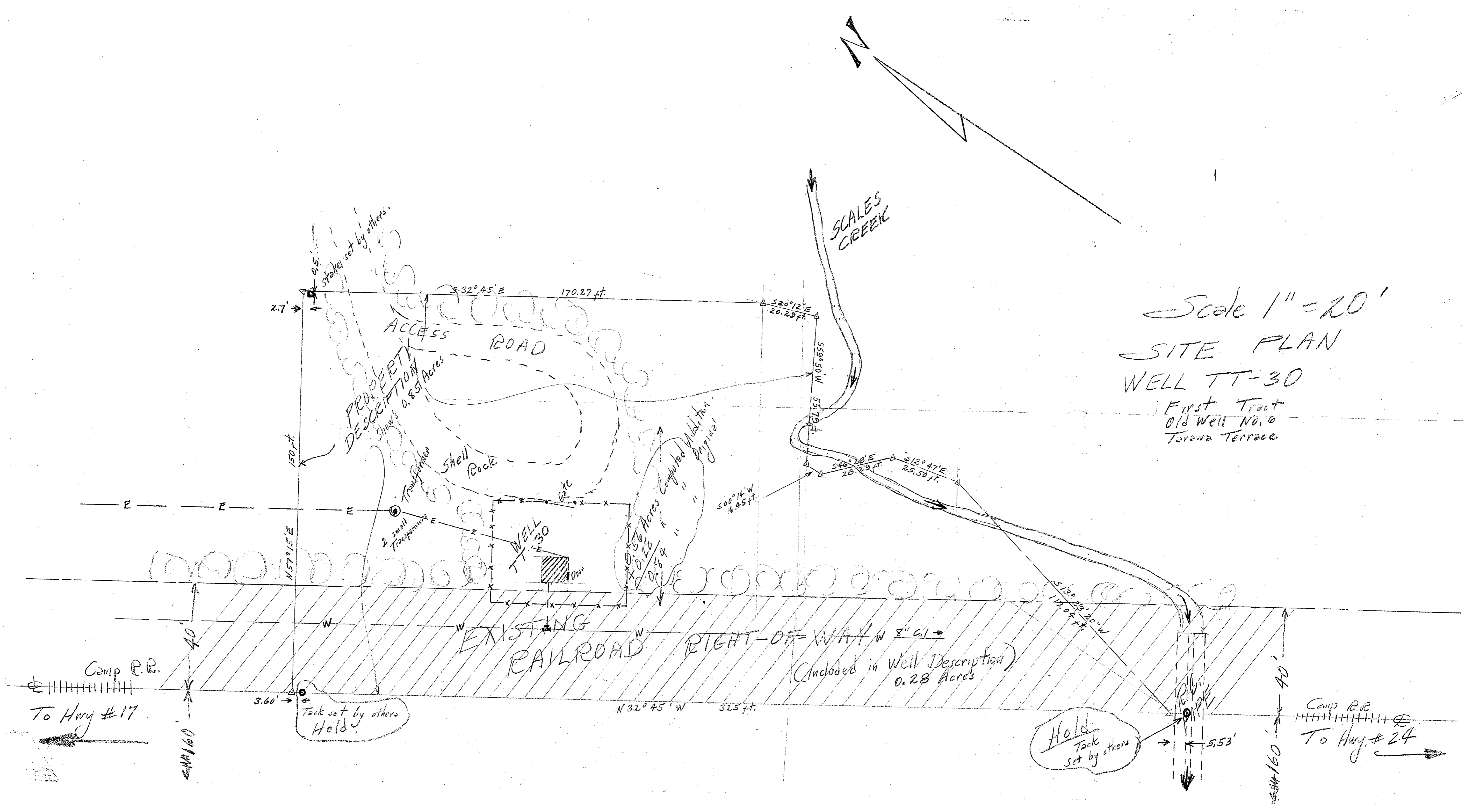
Library of Theological Studies

Library of Theological Studies

Library of Theological Studies

Library of Theological Studies

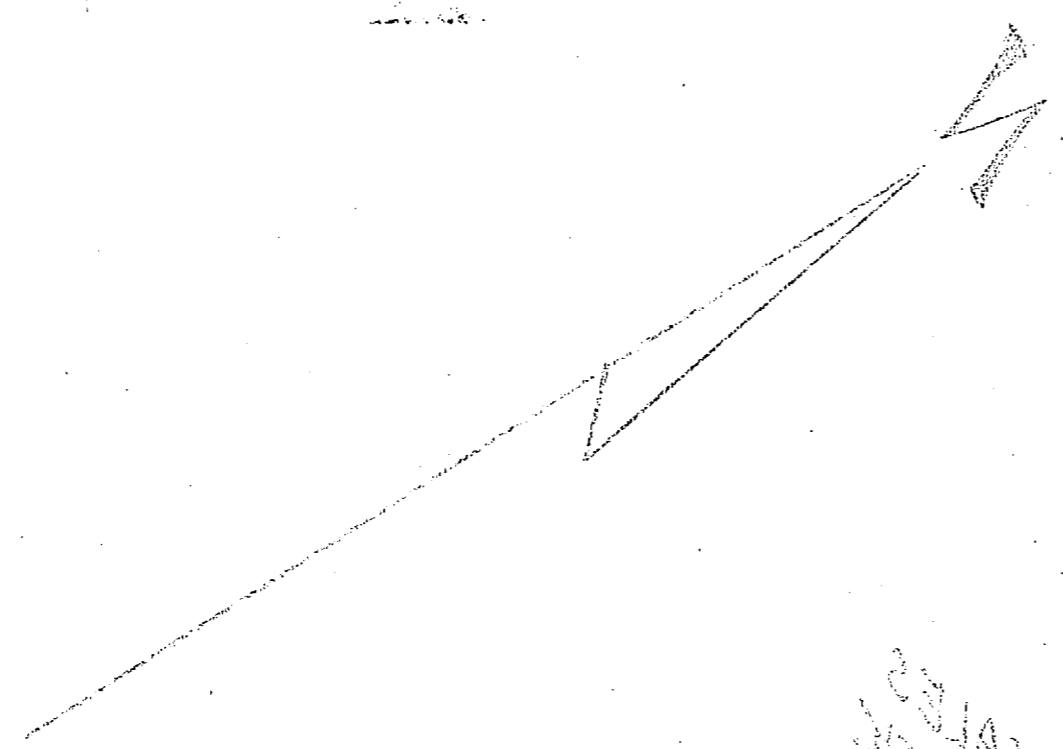
Library of Theological Studies



Scale 1" = 20'
 SITE PLAN
 WELL TT-30
 First Tract
 Old Well No. 6
 Torawa Terrace

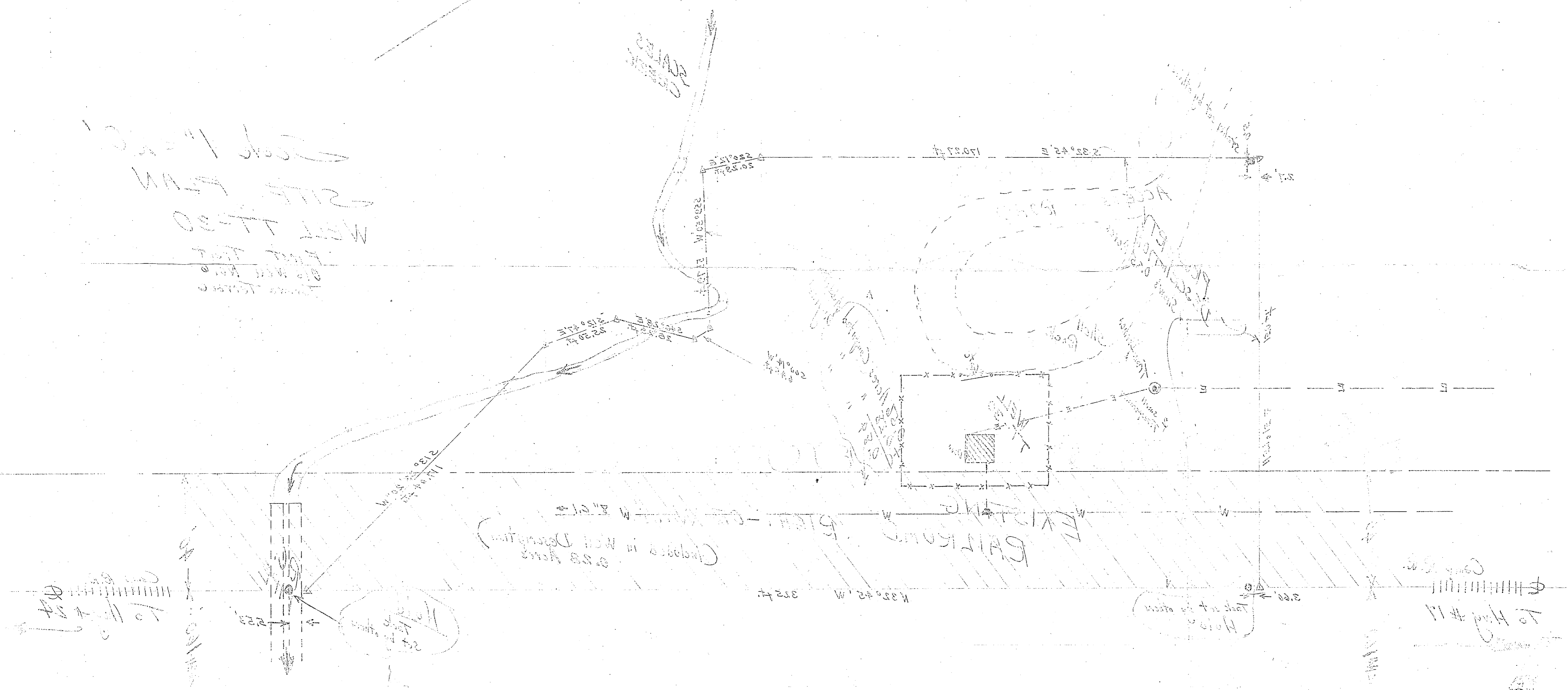
Camp RR.
 To Hwy #17

Camp RR.
 To Hwy #24



WEST 11-30
SITE PLAN
Scale 1" = 30'

1/2" = 10'
1/4" = 5'
3/8" = 15'



Access in Well Description
308 ft

N 35° 42' W 372 ft

100 ft to river

To Hwy #11
200 ft

To Hwy #14
100 ft

30' CANALS

40' 252'

1/2" = 10'

1/4" = 5'

EKG BATHHOUSE

ACCESS ROAD

TO HWY #1

TO HWY #11

TO HWY #11

VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

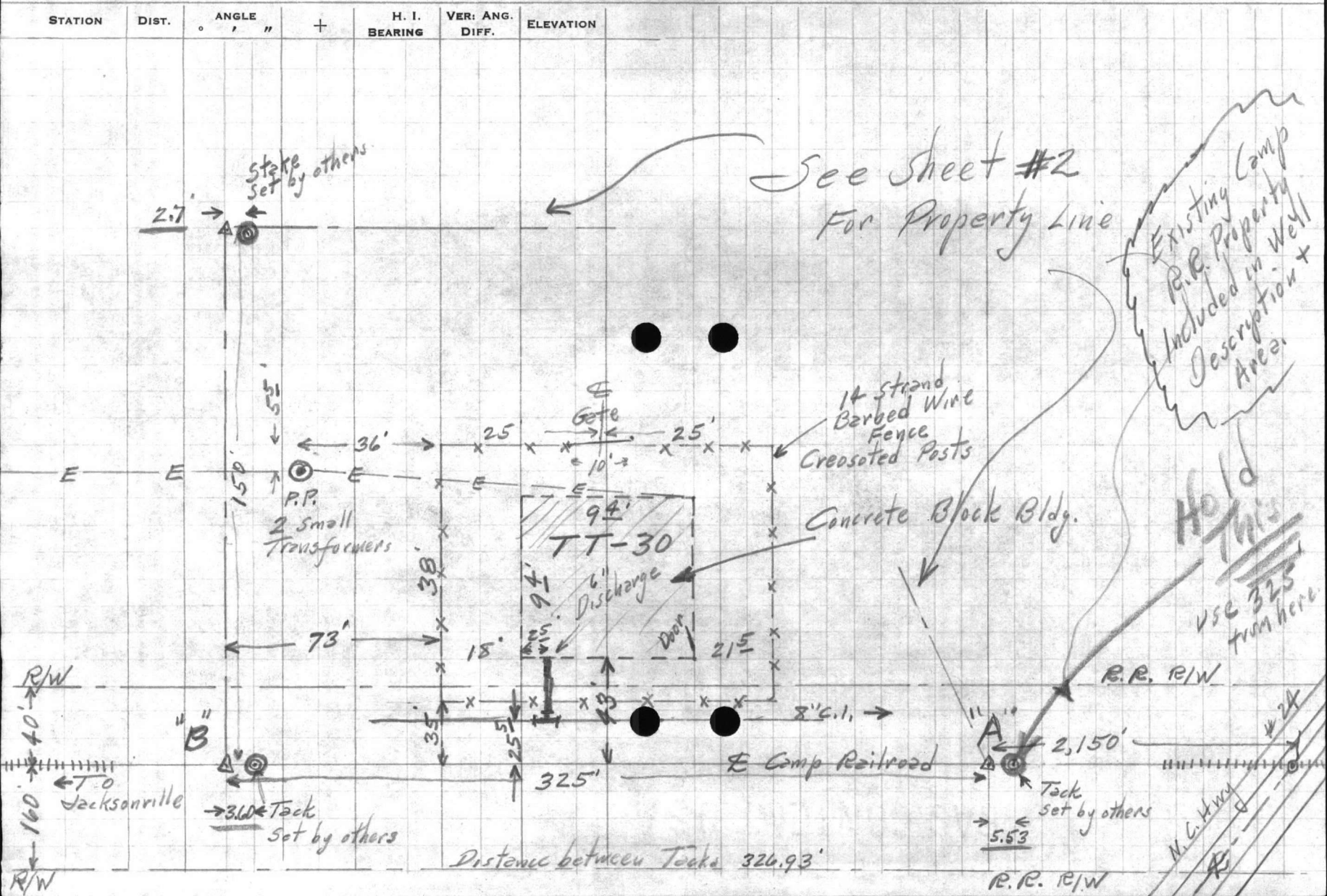
SUBJECT Location of Well House TT-30,
8" C.I. Collection Water Line and Well
Property Lines on Camp R.R. between
N.C. Hwy. # 24 + N.C. # 17.

FIELD PARTY
Dillon 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. 98-13
FLDR. No. _____
SHEET # 1 of 2
DATE 12/11/1959

Quad. No. _____



STATION

DATE

TIME

HEATING

TYPE

NO. VER. ANG.

CLAVATOR

STATION

STATION
DATE
TIME
HEATING
TYPE
NO. VER. ANG.
CLAVATOR

FIELD PART

IN CHARGE

INSTRUMENT

NOTES

TABLE NO.

TAPES OR RODS

INSTRUMENT NO.

PART NO.

WEATHER

TEMP.

WINDS

MOON

MOON

MOON

MOON

MOON

FIELD NO.

DATE

TIME

HEATING

TYPE

NO. VER. ANG.

CLAVATOR

STATION

DATE

TIME

HEATING

TYPE

NO. VER. ANG.

CLAVATOR

STATION

DATE

TIME

HEATING

TYPE

NO. VER. ANG.

CLAVATOR

STATION

DATE

TIME

HEATING

TYPE

NO. VER. ANG.

CLAVATOR

STATION

DATE

TIME

HEATING

TYPE



B

W

Y

Y

Y

Y

Handwritten notes and numbers, including '11-30' and '1-1-30'.

VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

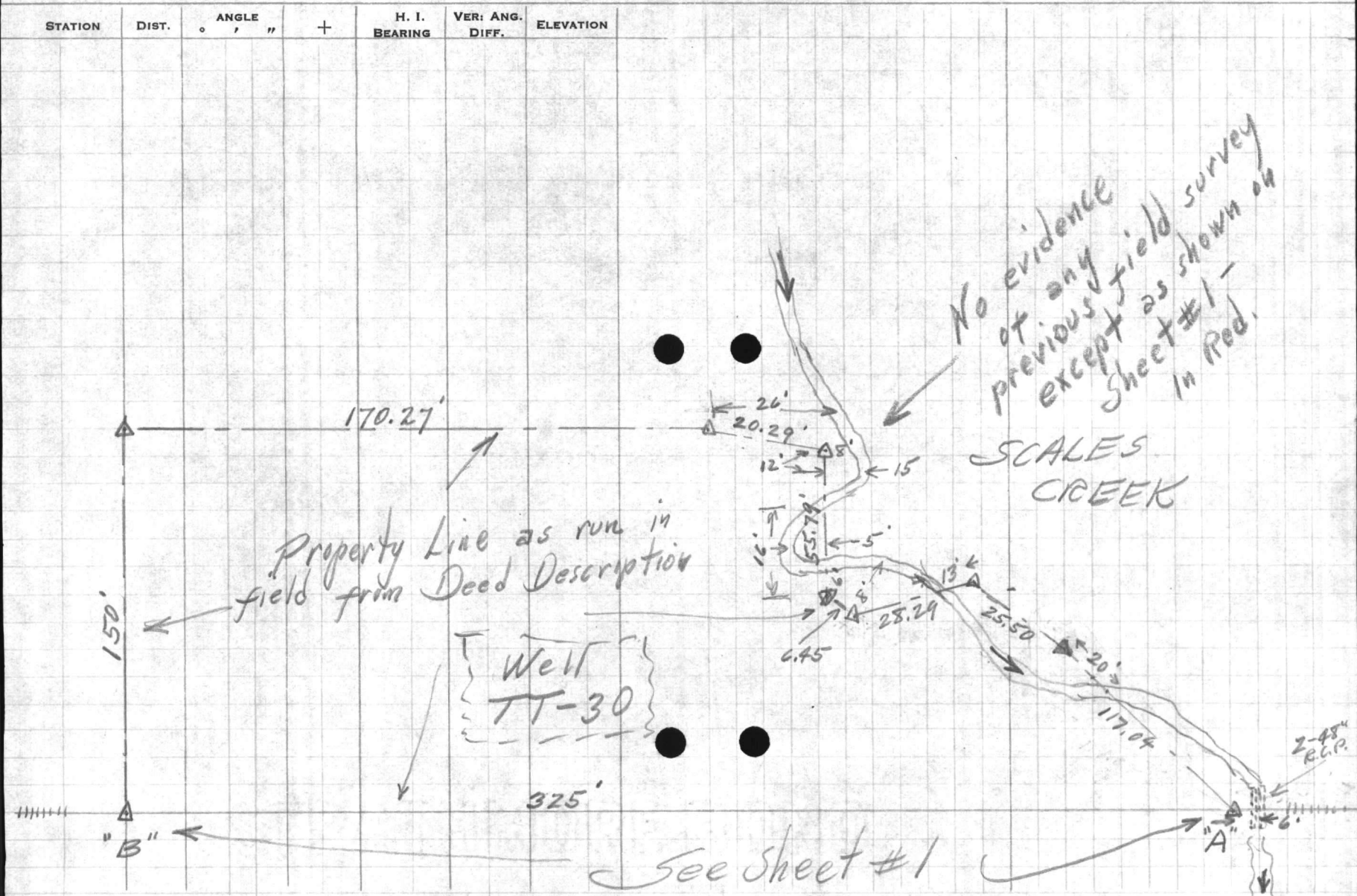
SUBJECT Property Lines
Well TT-30
On Camp R.R. between Hogs #17 + #24.

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

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

FILE No. _____
FLDR. No. _____
SHEET # 2 of 2
DATE 12/11/1959

Quad. No. _____



VAI LABEL

STATION
DATE
TIME
OFFICER

STATION DIST. ANGLE H. BEARING

Alt. and Elevation

TAP NO.
TAP NO.

TAP OR HOB
TAP OR HOB

TAP READ
TAP READ

NOTE
NOTE

WEATHER
WEATHER

NOTES
NOTES

FIGURED BY
FIGURED BY

WINDY
WINDY

RAIN
RAIN

WINDY
WINDY

WINDY
WINDY

RAIN
RAIN

WINDY
WINDY

RAIN
RAIN

WINDY
WINDY

RAIN
RAIN

WINDY
WINDY

RAIN
RAIN

WINDY
WINDY

RAIN
RAIN

WINDY
WINDY

RAIN
RAIN

WINDY
WINDY

RAIN
RAIN

WINDY
WINDY

RAIN
RAIN

WINDY
WINDY

RAIN
RAIN

WINDY
WINDY

RAIN
RAIN

WINDY
WINDY

RAIN
RAIN

WINDY
WINDY

RAIN
RAIN

WINDY
WINDY

RAIN
RAIN

WINDY
WINDY

RAIN
RAIN

WINDY
WINDY

RAIN
RAIN

WINDY
WINDY

RAIN
RAIN

PUBLIC WORKS DEPARTMENT
Camp Lejeune, North Carolina
Survey Department

Well #6

Well TT-30 - on Camp R.R. to Jacksonville

File _____
Quadrangle _____
Date _____
Sheet _____ of _____

Traverse Computation
Description

Station	Distance	Bearing	Cosine	Sine	Latitude	Departure	Y Coordinate North	X Coordinate East
A							1,000.00	1,000.00
B	325.00	N 32° 45' W	84104	54097	273.34	175.82		
C	150.00	N 57° 15' E	54097	84104	81.15	126.16		
D	170.27	S 32° 45' E	84104	54097	143.20	92.11		
E	20.29	S 20° 12' E	93849	34530	19.04	7.01		
F	55.79	S 59° 50' W	50252	86457	28.04	48.23		
G	6.45	S 00° 14' W	1.0000	00407	6.45	0.03		
H	28.29	S 46° 28' E	68878	72497	19.49	20.51		
I	25.50	S 12° 47' E	97521	22126	24.87	5.64		
A	117.04	S 13° 23' 20" W	97282	23156	113.86	27.10		

$$898.63 \div \sqrt{0.462 + 0.25^2} = \frac{1}{3.278}$$

O.K.

$$\begin{array}{r} + 354.49 + 251.43 \\ - 354.95 - 251.18 \\ \hline - 0.46 + 0.25 \end{array}$$

$$\begin{array}{r}
 0.46 \\
 \underline{0.46} \\
 276 \\
 184 \\
 \hline
 2116 \\
 \underline{.0625}
 \end{array}$$

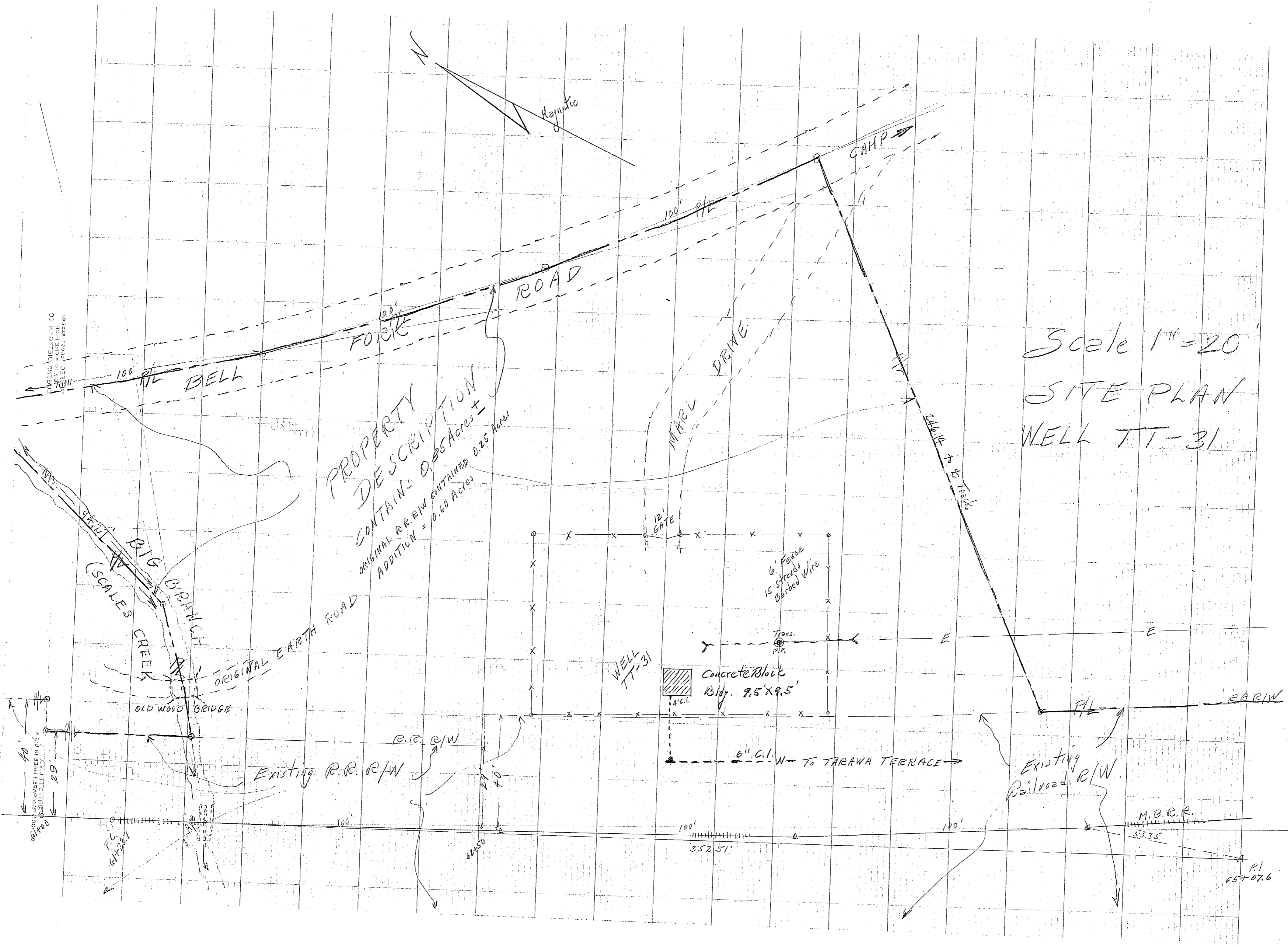
$$\begin{array}{r}
 0.25 \\
 \underline{0.15} \\
 125 \\
 50 \\
 \hline
 .0625 \\
 3278.5
 \end{array}$$

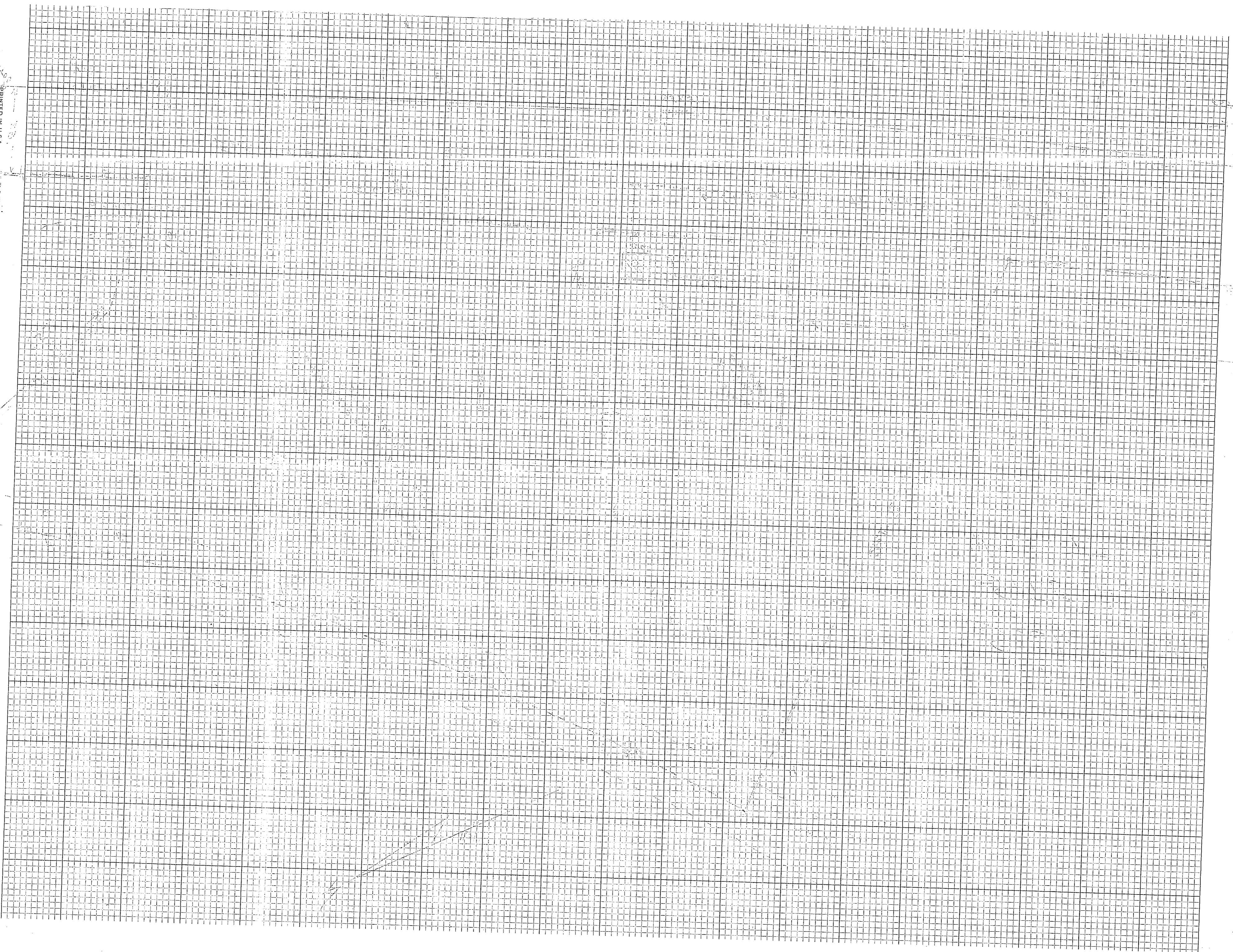
$$\begin{array}{r}
 2741 \overline{) 898,6300} \\
 \underline{8223} \\
 7633 \\
 \underline{5482} \\
 21510 \\
 \underline{19187} \\
 23230 \\
 \underline{21928} \\
 13020
 \end{array}$$

1st Tract

Beginning at a point in the center line of
the Camp Lejeune Railroad, said point
being N. $32^{\circ}45'W$ 2,150 feet from the E of
Highway #24 and running thence N $32^{\circ}45'W$
325 feet to another point in the E of
the aforesaid Railroad; thence N. $57^{\circ}15'E$
150 feet to a stake; thence S. $32^{\circ}45'E$
170.27 feet to Scales creek; thence along
and with the run of said creek S. $20^{\circ}12'E$
20.29 feet to a point in said creek;
thence S. $59^{\circ}50'W$ 55.79 feet; S $0^{\circ}14'W$
6.45 feet; S. $46^{\circ}28'E$ 28.29 feet; S. $12^{\circ}47'E$
25.50 feet; S $13^{\circ}23'20''W$ 117.04 feet to
the beginning, containing 0.85 of an
acre more or less, and being well #6.

12 3





PRINTED IN U.S.A.
100% AND PAPER MADE IN U.S.A.

PROPERTY OF THE
10 X 10 AND 10 X 15
SUNSHINE PAPER CO.

VALUABLE

RETURN TO
PUBLIC WORKS
OFFICE
CAMP LEJEUNE
NORTH CAROLINA

SUBJECT Location of Well House TT-31
and Wells Property on Marine Barracks
R.R. near Bell Fork Road

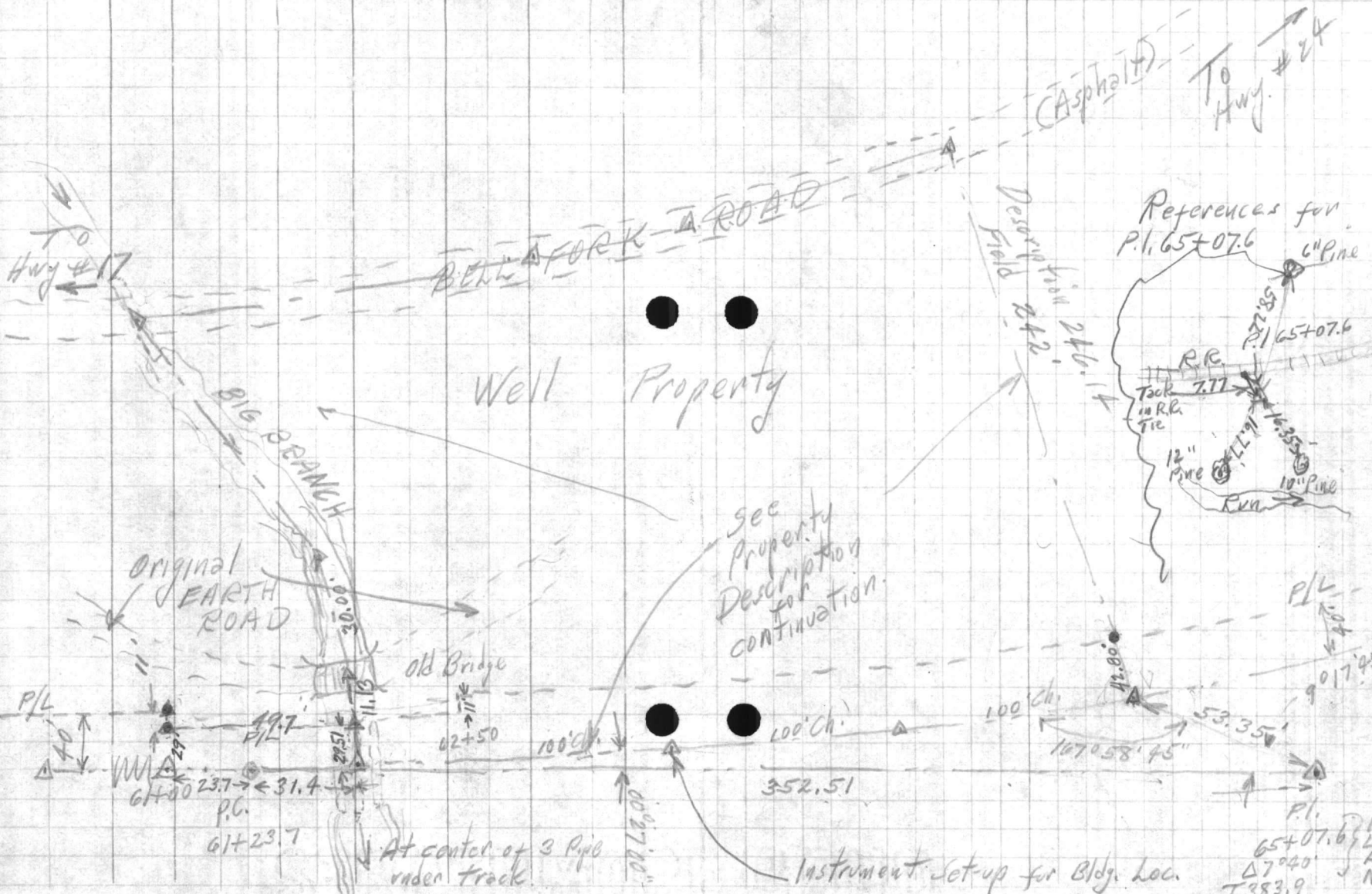
FIELD PARTY
Dillon IN CHARGE
Deane INSTRUMENT
NOTES
Padrick TAPE READ
TAPES OR ROD
TAPES OR ROD
INSTRUMENT NO. _____
TAPE NO. _____

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

FILE No. _____
FLDR. No. _____
SHEET #1 of 2
DATE 5/19/61

Quad. No. _____

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



P.I. 65+07.6
 Δ 7° 40'
 T 383.9
 N

STATION	WEATHER	FIELD PARTY	EQUIPMENT	REMARKS
101	Clear	Smith, Jones	Surveying	Station set up
102	Partly Cloudy	Smith, Jones	Surveying	Continued work
103	Clear	Smith, Jones	Surveying	Completed section
104	Clear	Smith, Jones	Surveying	Final measurements
105	Clear	Smith, Jones	Surveying	Work finished



Handwritten notes or signatures in the bottom right corner, including what appears to be a date '10/10/50' and some illegible initials.

VALUABLE

SUBJECT Location Well TT-31

RETURN TO
 PUBLIC WORKS
 OFFICE
 CAMP LEJEUNE
 NORTH CAROLINA

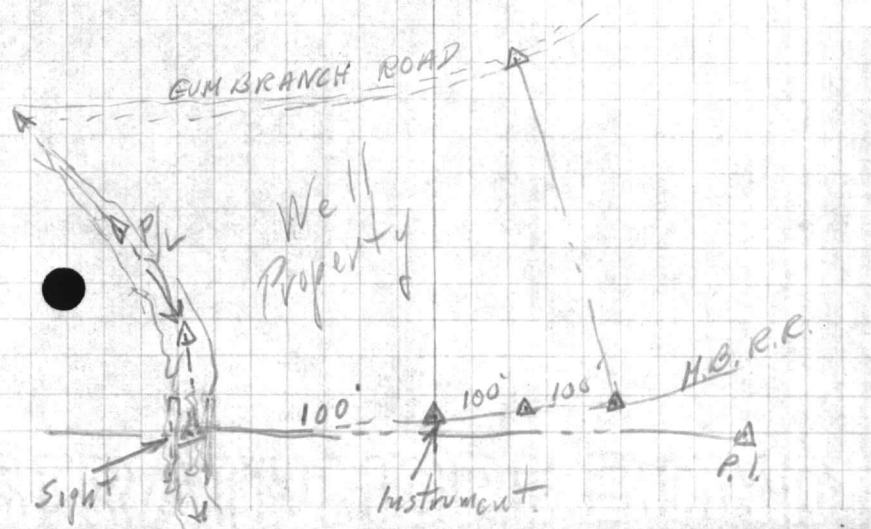
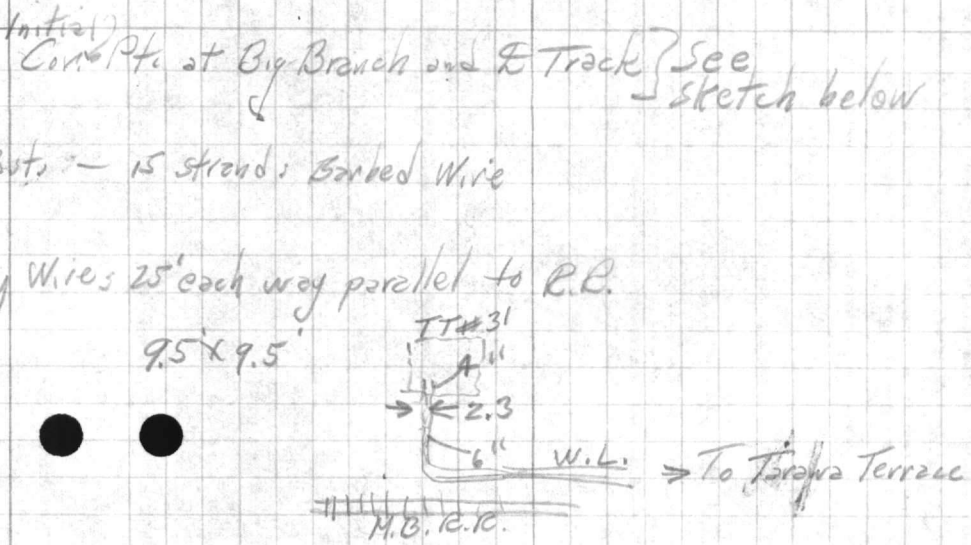
FIELD PARTY
 _____ IN CHARGE
 _____ INSTRUMENT
 _____ NOTES
 _____ TAPE READ
 _____ TAPE OR ROD
 _____ TAPE OR ROD
 _____ INSTRUMENT NO.
 _____ TAPE NO.

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

FILE No. _____
 FLDR. No. _____
 SHEET # 20x2
 DATE 5/22/1961

Quad. No. _____

STATION	DIST.	ANGLE ° ' "	+	H. I. BEARING	VER: ANG. DIFF.	ELEVATION
TT at 100' chord Point in E Track Sight on Cor. at R.R. E at Big Branch						
Cor. Fence	118'	158° 36'	1			
" "	150	136° 17'	2			
E 12' Gate	115'	116° 57'	3			
P. Pole	114'	144° 25'	4			
Cor. Well	79'	142° 55'	7.5			
" "	72'	138° 27'	6			
" "	78'	133° 26'	7			
Cor. Fence	41'	102° 59'	8			
" "	102'	94° 36'	9			
E 15' Drive	151'	110° 59'	10			
" "	192'	114° 18'	11			
" "	270'	117° 20'	12			



ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 11/19/01 BY 60322 UCBAW/STP

CLASSIFICATION
AUTHORITY
DATE OF REVIEW
BY

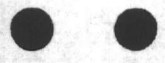
CLASSIFIED BY
DATE

CLASSIFIED BY
DATE

TYPE OF ROD
TAP NO.
SERIAL NO.
TAP NO.

WEATHER
CLEAR
CLOUDY
WINDY
RAIN
COLD
FOG
FAIR
MISTY
Hazy
Snow
Ice

DATE
TIME



2nd Tract
Well # 7

Beginning at a point in the E of the camp
 Pigeon Railroad, said point being N. 32° 45' W
 1704.16 feet from the Northwest corner of Well
 # 6 lot, and continuing with the E of
 the aforesaid Railroad N. 27° 49' W 100 feet;
 N 26° 52' W 100 feet; N. 25° 33' W 100 feet
 to the run of Big Branch, (formerly
 referred to as Sealer creek); thence
 with the run of said Branch N. 53° 49' E
 40.64 feet; thence N. 49° 10' E 30 feet;
 thence N 19° 05' 20" E 94.27 feet to the
 E of Bell Fork Road; thence with said
 Road S. 37° 29' E 100 feet; S. 43° 48' E 100 feet;
 S 49° 16' E 100 feet to a point in said
 Road; thence S. 40° 46' W 246.14 feet to
 the beginning; containing 1.22 acres
 more or less and being Well # 7

N 27° 49' W

N 40° 46' E

68° 35'

79° 22'
 27'
 79° 49'

49 - 16
 43 - 48
 5 28

49 16
 N 40° 46' E
 90° 02'

PUBLIC WORKS DEPARTMENT
Camp Lejeune, North Carolina
Survey Department

File 98 Gen.
Quadrangle _____
Date _____
Sheet # 1 of _____

Traverse Computation
Description

Property Corners of Well TT-31 adjacent to M.B.R.R. R/W

Station	Distance	Bearing	Cosine	Sine	Latitude	Departure	Y Coordinate North	X Coordinate East
P.I. 65+07.6 M.B.R.R.		S25°05'06"E from P.I. 50+					369,217.61	2,481,767.79
Point in E.R.R. and Big Branch	352.51	N " W	90568	42396	319.26	149.45	369,536.87	2,481,618.34
Corner Point on R.R. R/W and Well property	29.51	N53°50'E	59014	80730	17.42	23.82	369,554.29	2,481,642.16
Corner On old bridge over Big Branch	11.13	"	"	"	6.57	8.99	369,560.86	2,481,651.15
Corner In Big Branch	30.00'	N49°11'E	65364	75680	19.61	22.70	369,580.47	2,481,673.85
Corner In E of Bell Fork Road	94.27	N19°06'20"E	94492	32731	89.08	30.86	369,669.55	2,481,704.71
Corner " " " " "	100'	S37°28'E	79371	60830	79.37	60.83	369,590.18	2,481,765.54
Corner " " " " "	100'	S43°47'E	72196	69193	72.20	69.19	369,517.98	2,481,834.73
Corner " " " " "	100'	S49°15'E	65276	75756	65.28	75.76	369,452.70	2,481,910.49 ⊗
— — — — —	— — — — —	— — — — —	— — — — —	— — — — —	— — — — —	— — — — —	— — — — —	— — — — —
P.I. 65+07.6 M.B.R.R.							369,217.61	2,481,767.79
Point in E.R.R.	53.35	N15°47'20"W	96227	27209	51.34	14.52	369,268.95	2,481,753.27
Corner Point on R.R. R/W and Well property	42.80	N40°46'25"E	75730	65307	32.41	27.95	369,301.36	2,481,781.22
Corner In E Bell Fork Road	199.20	"	"	"	150.85	130.09	369,452.21	2,481,911.31 ⊗

0.49 0.82

