

Peninsular
CROSS SECTION BOOK
CB 802

PILE BAY
ROAD

PILE BAY ROAD 2007.17.01

PILE BAY ROAD 2007.17.01

CONTENTS

Set GPS CONTROL	2-7
ADDITIONAL GPS BASELINES	8-9
ROW / PROPERTY TIES	10-11
ADDITIONAL GPS BASELINES	12-13
ROW / PROPERTY TIES	14-18
PILE BAY NEW ROAD AS BUILT	19-20

② UNIT π H/m START STOP

GPS "PILE"
"CONTROL"

3	#1	4.13'	10:12	7:25
STATIC ROVER	GPS PILE	1.253m	AM	PM
	Set BC			

SET 3 1/4 BL MON BACK FROM
ANGLE POINT OF CONC WALL IN
PILE BAY.

REFERENCE POINTS

#1 14° FROM ANGLE POINT OF CONC WALL

#2 18° FROM SW END OF CONC WALL

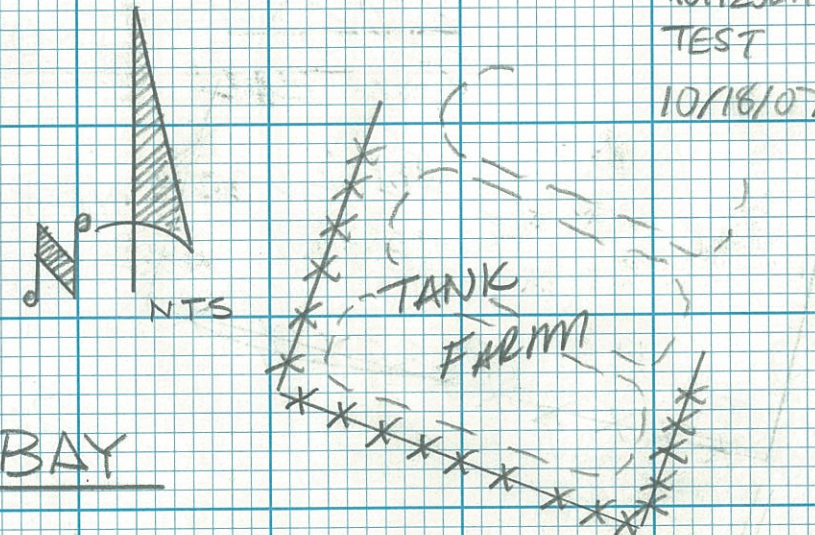
PILE BAY ROAD

(2)

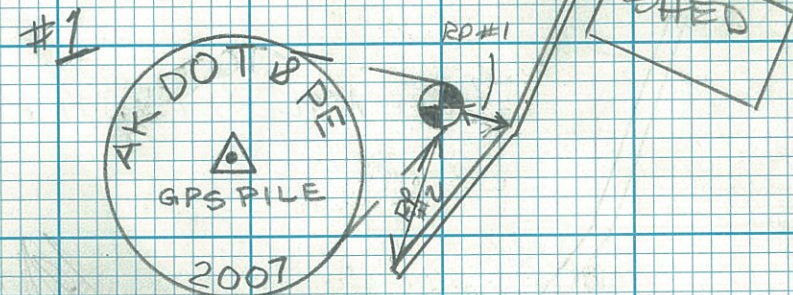
32°F
CLDY/LT. SNOW

LEICA
GPS 500
& 1200
SERIES

KOITZSCH
TEST
10/18/07



PILE BAY



PILE BAY ROAD

TANK FARM

UNIT 1 START STOP

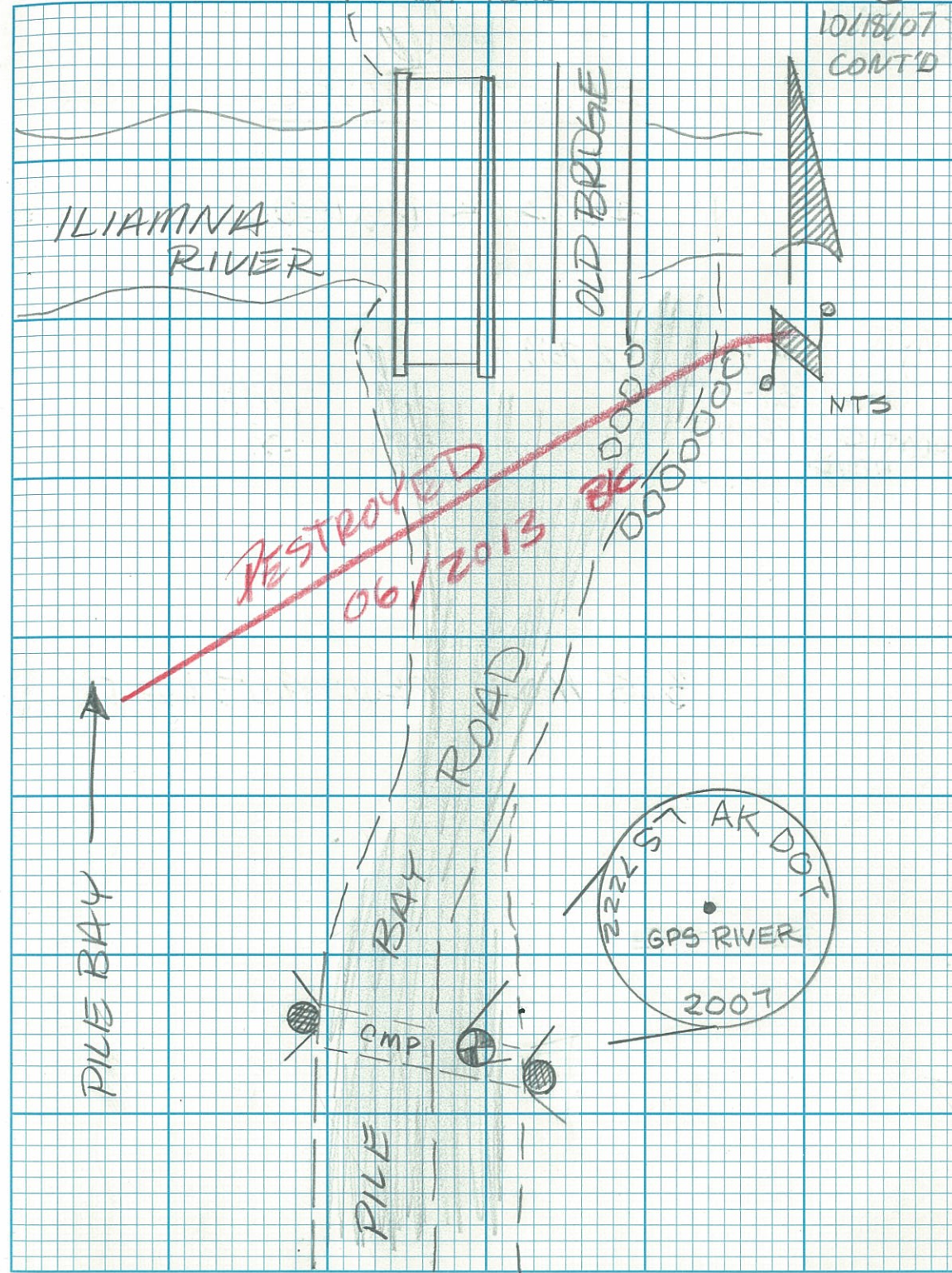
G.P.S. CONTROL

#2 GPS RIVER

10	#2	3.33 F		
UNIT	GPS		11:55	7:08
STATIC	RIVER	1015 M	AM	PM
ROVER	UP 02			

3.25 MILES FROM PILE BAY

PILE BAY ROAD



UNIT 11 A F/M START STOP

GPS CONTROL

#3 GPS "BEAR"

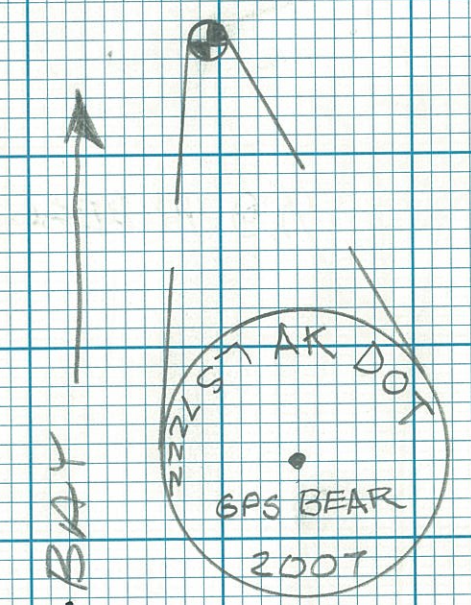
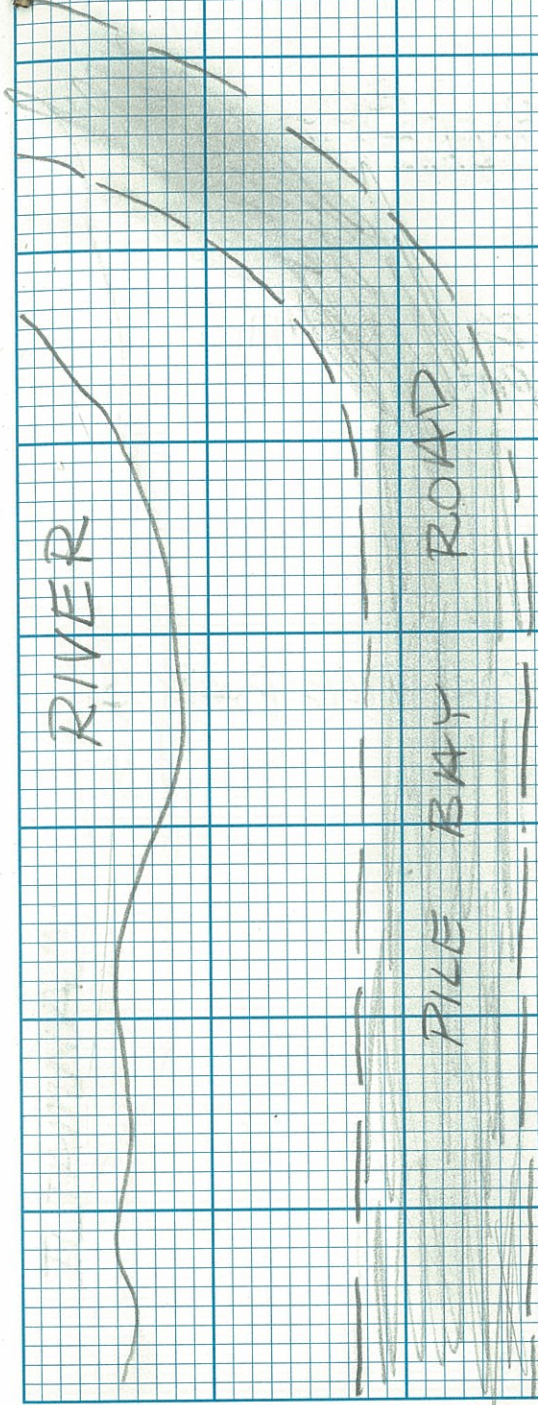
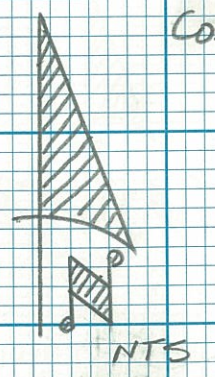
UNIT	#3	2.69 F		
11	GPS BEAR		1:28	6:53 AM
STATIC ROVER	FLUSH	.813 m	PM	

6.05 MILE FROM PILE BAY

PILE BAY ROAD

(4)
10/18/07
CONT'D

32°
WET/DY/CT SNOW



PILE BAY

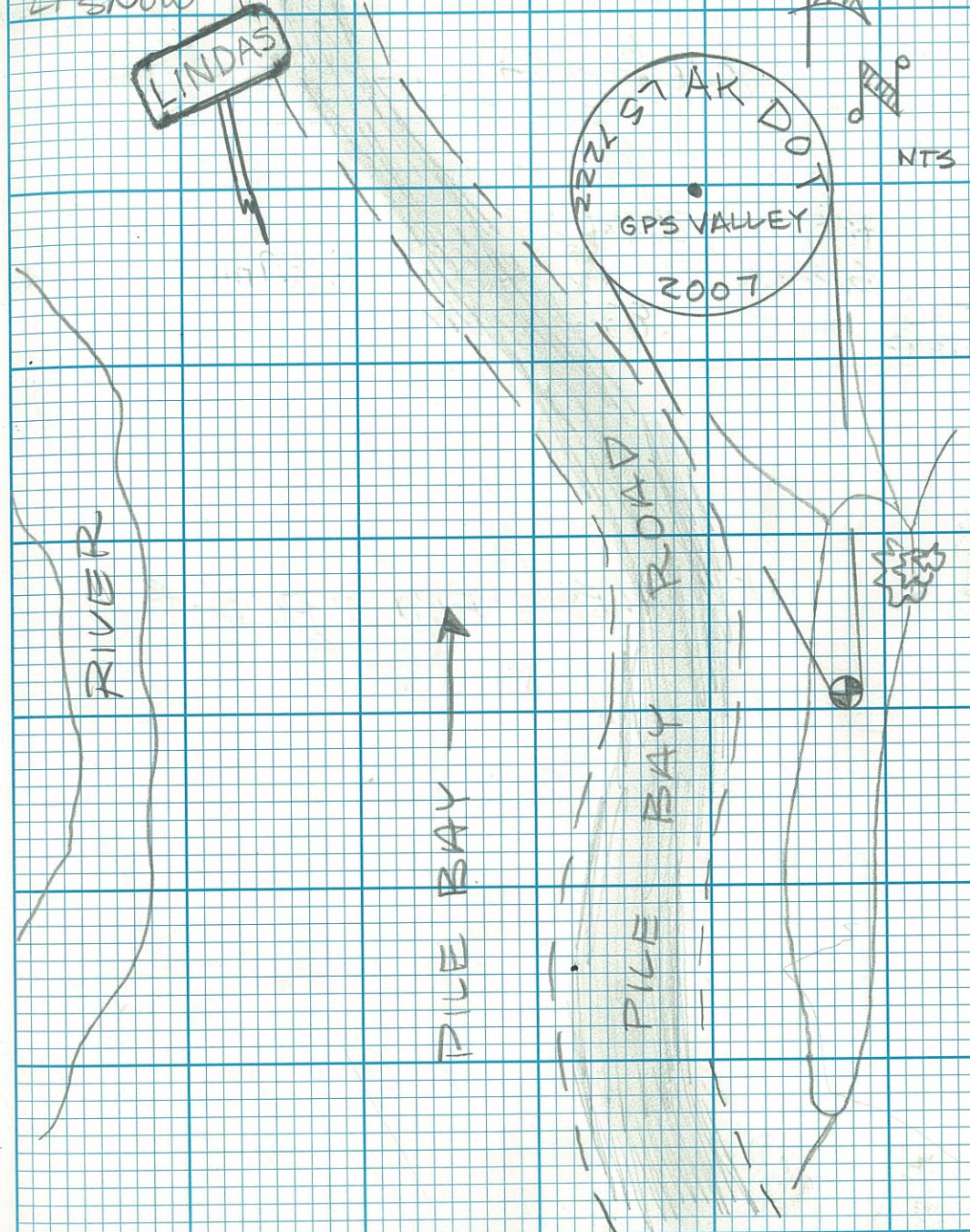
GPS CONTROL

9 #4 2.71 F 2:29 6:39 PM
STATIC GPS VALLEY .827 PM
ROVER

9.0 MILES FROM PILE BAY.

32°
CLOUDY/
LT SNOW

10/18/07
CONT'D



GPS CONTROL

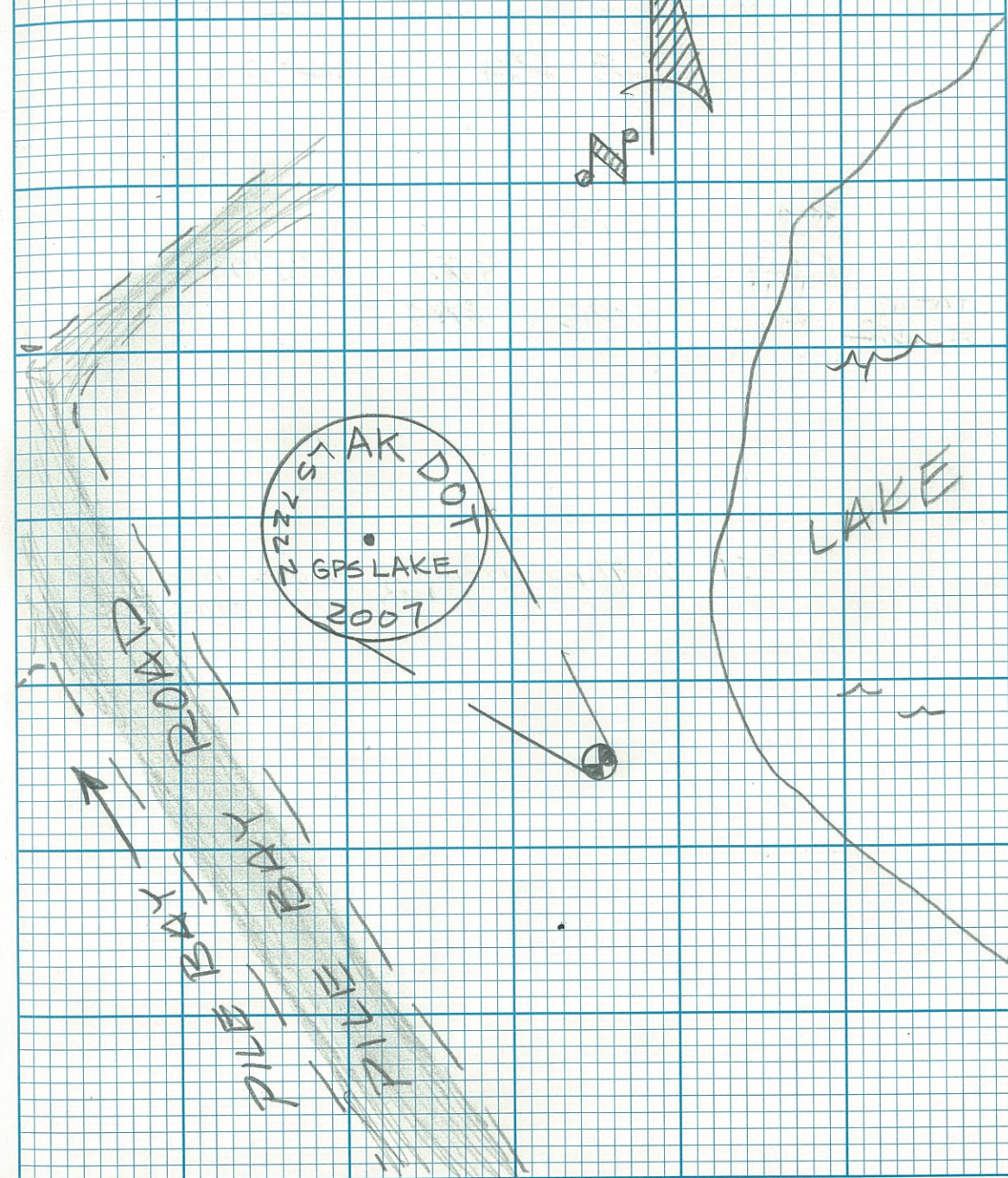
PILE BAY ROAD

11	#5	2.75		
STATIC	GPS		4:00	6:57 AM
ROVER	LAKE	.836	AMM	
	"FLUSH"			

11.0 MILES FROM PILE BAY

32°
CLDY
LT SNOW

⑥
KOITZSCH
TEST



GPS CONTROL

11
STATIC
ROVER

#6
GPS
WHIP

2.80 F
0.853 m

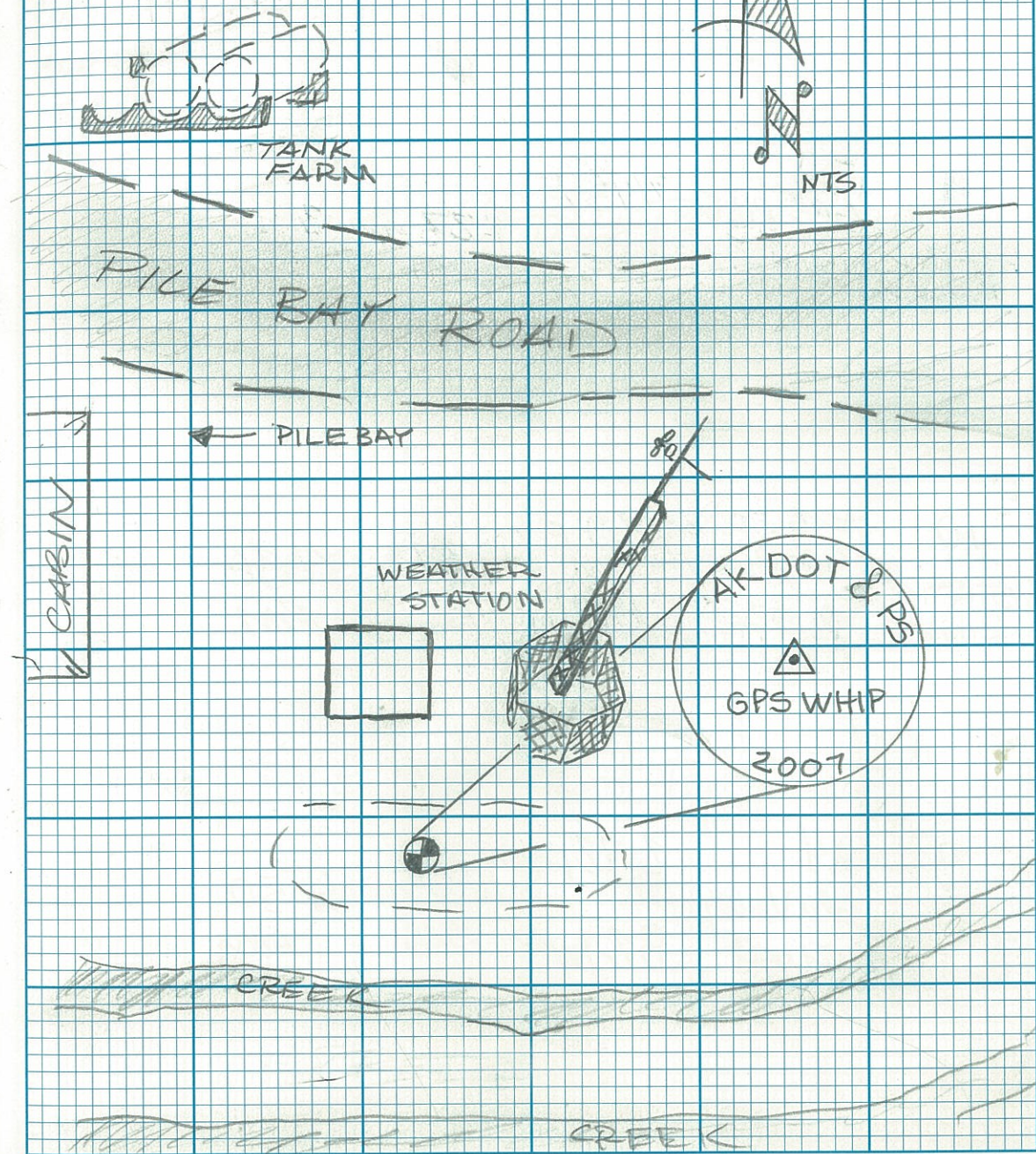
1:23 PM 3:30 PM

SET ON THE MOUND SOUTH OF
WEATHER STATION @ WILLIAMS PORT
ALASKA

32°
CLDY

WILLIAMS PORT

Kortess
TEST



GPS CONTROL

3 #1
STATIC ROVER GPS PILE 4.13 F
Down 04 9:57 AM 7:50 PM

10 #3
STATIC ROVER GPS BEAR 2.69 F
UP 01 .813 m 10:37 AM 4:36 PM

9 #4
STATIC ROVER GPS VALLEY 2.72 F
FLUSH .821 m 10:55 AM 4:50 PM

32°
CLDY

LEICA
GPS
500
1200

KOITZSCH
TEST

SEE SKETCH Pg. 2

SEE SKETCH Pg. 4

SEE SKETCH Pg. 5

RTK ROAD

"STATIC BASE"

9
STATIC
BASE

#4
GPS VALLEY

2.65 F
.803 M

4:56 PM 7:11 PM

LEICA
1200

32°
CLDY

LEICA
GPS
500
1200

SEE SKETCH Pg. 5

(4)
KOITZSCH
TEST

ROW TIES

11 #5 2.69 F
GPS LAKE .815 m 11:01 AM 6:56 PM
BASE

3 #6 2.97 F
GPS WHIP .900 m 12:04 PM 6:29 PM
BASE

9 #600 3.40 F
STATIC Fd 3 1/4 BC 12:23 PM 1:36 PM
DOVER UP 02 1.031 M

P.G.M. Fd BC

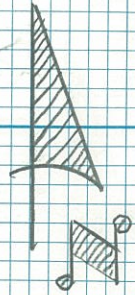
30°
UR

SEE SKETCH Pg 6

SEE SKETCH Pg. 7



Koitzsch
TEST



ROW TIES

9
—
STATIC
ROVER

#601
Fd BC MON
UP. 02

3.27 F
.994 m

1.45 pm 2.42
pm

PGM Fd BC

9
—
STATIC
ROVER

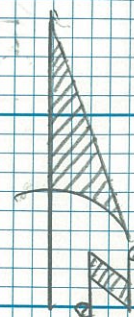
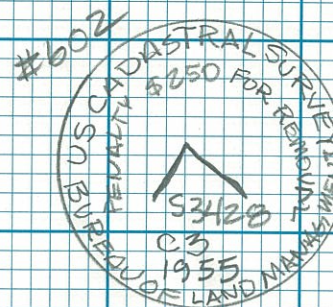
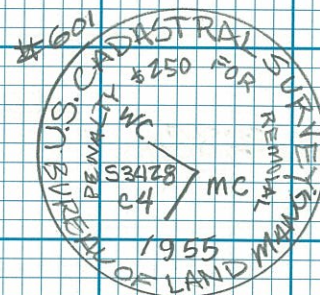
#602
Fd BC MON
UP 02

2.80 F
.851 m

2:56 pm 6.23
pm

PGM Fd BC

30°
CLR



KORTZSCH
TEST

GPS CONTROL + RTK BASE

11 #2 3.26 F
GPS RIVER 10:40 AM 7:36 PM
STATIC ROVER UP 0.993 m

3 #3 3.15 F
GPS BEAR 10:58 AM 7:23 PM
STATIC ROVER FLUSH 0.963 m

9 #5 2.65 F
GPS LAKE 11:45 AM 5:07 PM
STATIC BASE 0.811 m

41°

WIND
10-30 MPH

B. KOITZSCH
T. TEST

SEE SKETCH Pg 3

SEE SKETCH Pg 4

SEE SKETCH Pg 5

GPS CONTROL

RTK BASE

9	#21	2.86 F	5:25 PM	7:04 PM
STATIC	GPS	.861		
POISE	VALLEY			

40°

CLR

WIND

10-30 MPH

LEICA

GPS

500-

1200

SEE SKETCH Pg. 5

B. KORTZSCH

T. TEST

ROW TIES

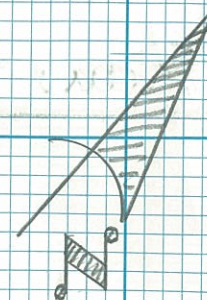
(CONTROL) 11 STATIC ROVER	#3 GPS BEAR UP 01	3.16 F .961m	10:42 AM	4:19 PM
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3 STATIC ROVER	#603 F&2 1/2 CC MON UP 01	3.32 F .979	11:AM	4:32 PM
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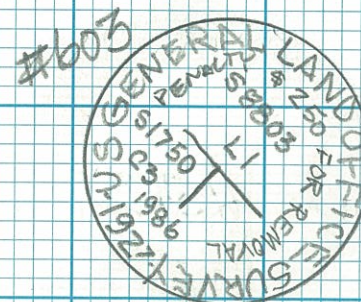
(CONTROL) 9 STATIC RTE ROVER	#2 GPS RIVER UP 01	3.20 F .970 m	11:23 AM	4:38 PM
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33°
CLDY

B. KORTZSCH
T. TEST



SEE SKETCH Pg. 4



SEE SKETCH Pg. 3

ROW TIES

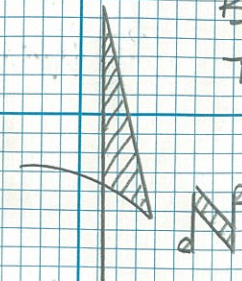
3 #1
GPS "PILE" 4.07 F
11:09 AM 5:51 PM
STATIC BASE DOWN 0.4 1.240 m

11 #2
GPS "RIVER" 3.22 F
10:47 AM 6:34 PM
STATIC BASE 980 m

9 #604
Fd 3 1/4 AL
mon up 0.1 2.68 F
12:04 PM 3:28 PM
STATIC ROVER 866 m

30°
SNOW!! ☹️

GPS
LEICA
500-
1200

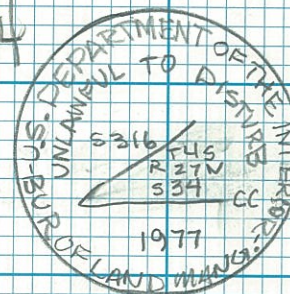


B. KOTFUSCH
T. TEST

SEE SKETCH Pg. 2

SEE SKETCH Pg. 3

#604



16

ROW TIES

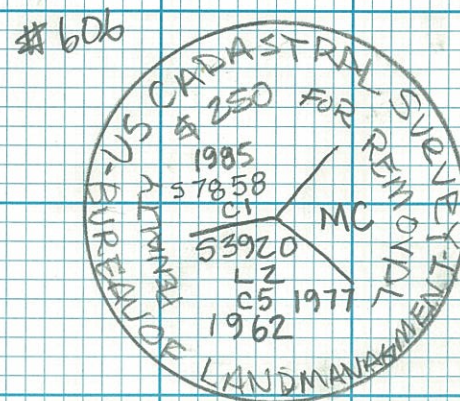
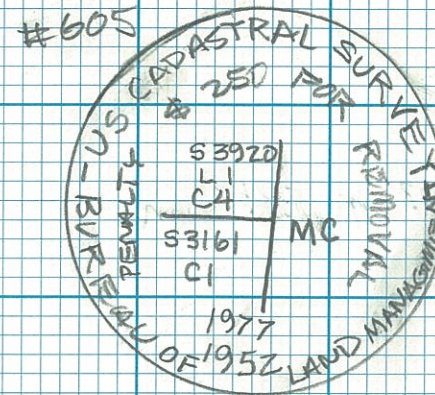
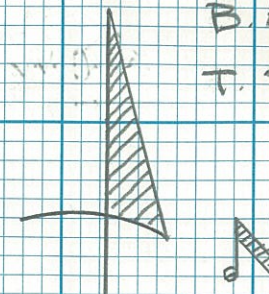
10 #605 3.50 F
 STATIC Fd 3 1/4 BC 12:18 pm 3:36 pm
 ROVER MON UP 03 1.063 m

10 #606 3.30 F
 STATIC Fd 3 1/4 BC 3:44 pm 5:01 pm
 ROVER UP 05 1.005 m

9 #607 4.00 F
 STATIC Fd 2 1/2 IP. 3:51 pm 5:00 pm
 ROVER LORN PIPE 1220 m
 FLUSH

17

B. KOITZSCH
 T. TEST



ROW TIES

10 #400 4.16 F
STATIC SET 6" 5:07pm 5:47pm
ROVER SPIKE 12.67 m

39°
RAIN!

GIPS
LEICA
500
1200

B. Koltzsch
T. TEST

R.O.W. TIES

400
#1
GPS "PILE"

HORZ = 410.57

HI = 5.50

HR = 5.43

#608

Fd 3 1/4 AL 251.03.59 84.04.44 45.01 44.76
MON up 0 1/2

SD =

HZ =

HR = 4.43

#609

Fd 3 1/4 BC 122.10.10 87.34.23 218.54 218.34
MON up 0 1/2

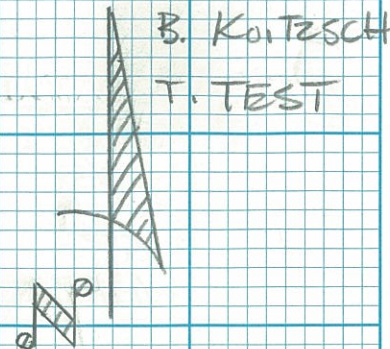
SD

HZ =

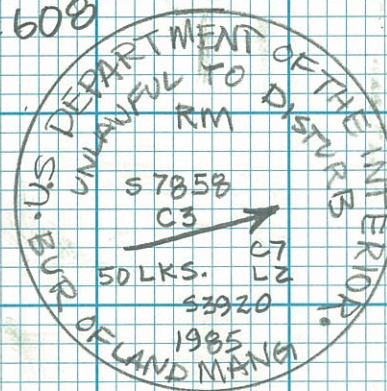
HR = 5.50

39°
RAIN!

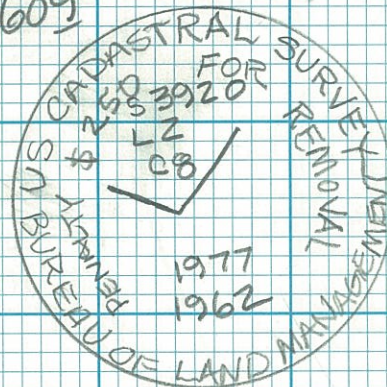
GUN 40
LEICA 1101



#608



#609



UNIT: STATION HI: START: STOP:

11 #6 3.184 RTK BASE
GPS WHIP 0.970m

9

RTK ROVER

10

RTK ROVER

LEICA GPS
GS 10 & CS 15
UNITS 9, 10 & 11

SEPT 13, 2010
B. KEINER
P. DONNELLY
170' CLEAR
30" HG

CABIN
DETAILS
PG 20

WX

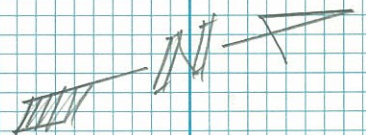
CABIN

BARGE RAMP

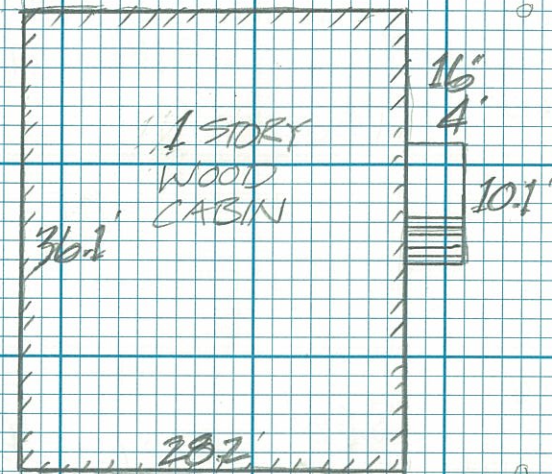
OLD ALIGNMENT

NEW ROAD

CX = CONEX
BT = BOAT
TR = TRAILER
✕ = GRAVE
WX = WEATHER
STATION
RR = RAIL ROAD
FLAT BED



SEPT 13, 2010
SAME CREW
SAME INX



PILE BAY ADON ROW TIES

7
BASE
CD 3
GPS
"BEAR"
3.91'
1.186
9:14
6:52
P

6
BASE
CD 4
GPS
"VALLEY"
3.58'
1.086
9:31
A
6:24
P

8
BASE
CD 1
GPS
FD 3 1/4 BC
↓ 03 (MAN)
4.63
1.411
8:26
A
7:05
P

70°
CUR

GIPS
LEICA
VIVA
CR
UNITS
5-9

06-13-13

B. KOLTZSCH

D. HICKER

E. FUGLESTAD

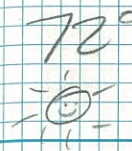
P.L.S.

PILE BAY ADDN ROW TIES

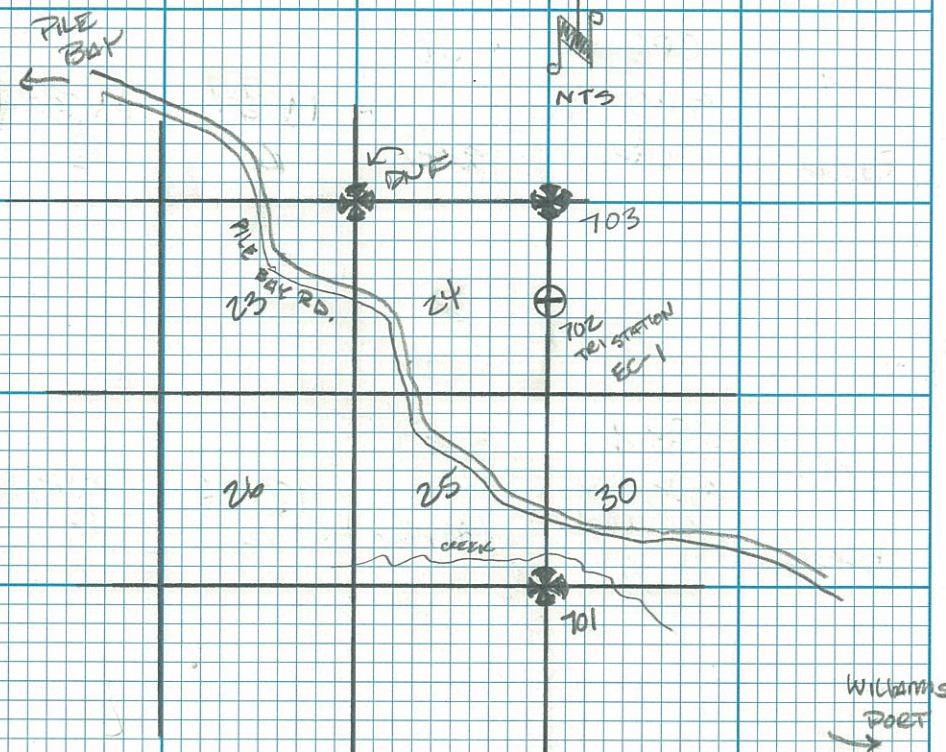
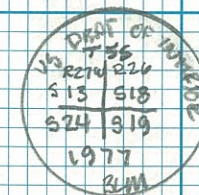
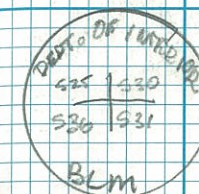
5	701 FD 3 1/4 AM ↑ 05	2.93' 889	10:25 A	11:39 A
Rover				

5	702 FD 3 1/4 AM ON DRIVE RD ↑ 05	3.01 912	12:05 P	12:56 P
Rover				

5	703 FD 3 1/4 AM ↑ 15	3.08' 0938 (20 LF)	3:10 P	4:25 P
Rover				



06-13-13
SAME
CREW



RILE BAY
ADDN ROW TIES

7	CP3	408'		
BASE	GPS		11:37	4:50
	CONTROL	1240	A	P

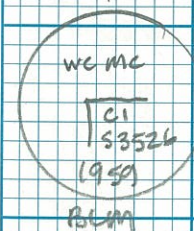
8	CP 1	464		
BASE	GPS		12:16	5:15
	CONTROL	1412	P	P

6	704	5,905		
Power	FD 3/4 BC		1:33	2:52
	MON	1800	P	P
	FLIGHT			
	W. MOUND			

70
CLR

GPS
LENA
VIVA
UNITS
S-A

06-14-13
B. KATZ
D. HICKY
E. FUGLESTAD
P. L. S.



SEE SKETCH Pg. 24

PILE BAY
ADDN ROW TIES

5	705	5905	209	2:38
Rowek	Ed 314BC P10W	1800	P	P
	↓ 02			

5	401 SET SPIKE	5.905	2.56	3.19
Power		1800	P	P

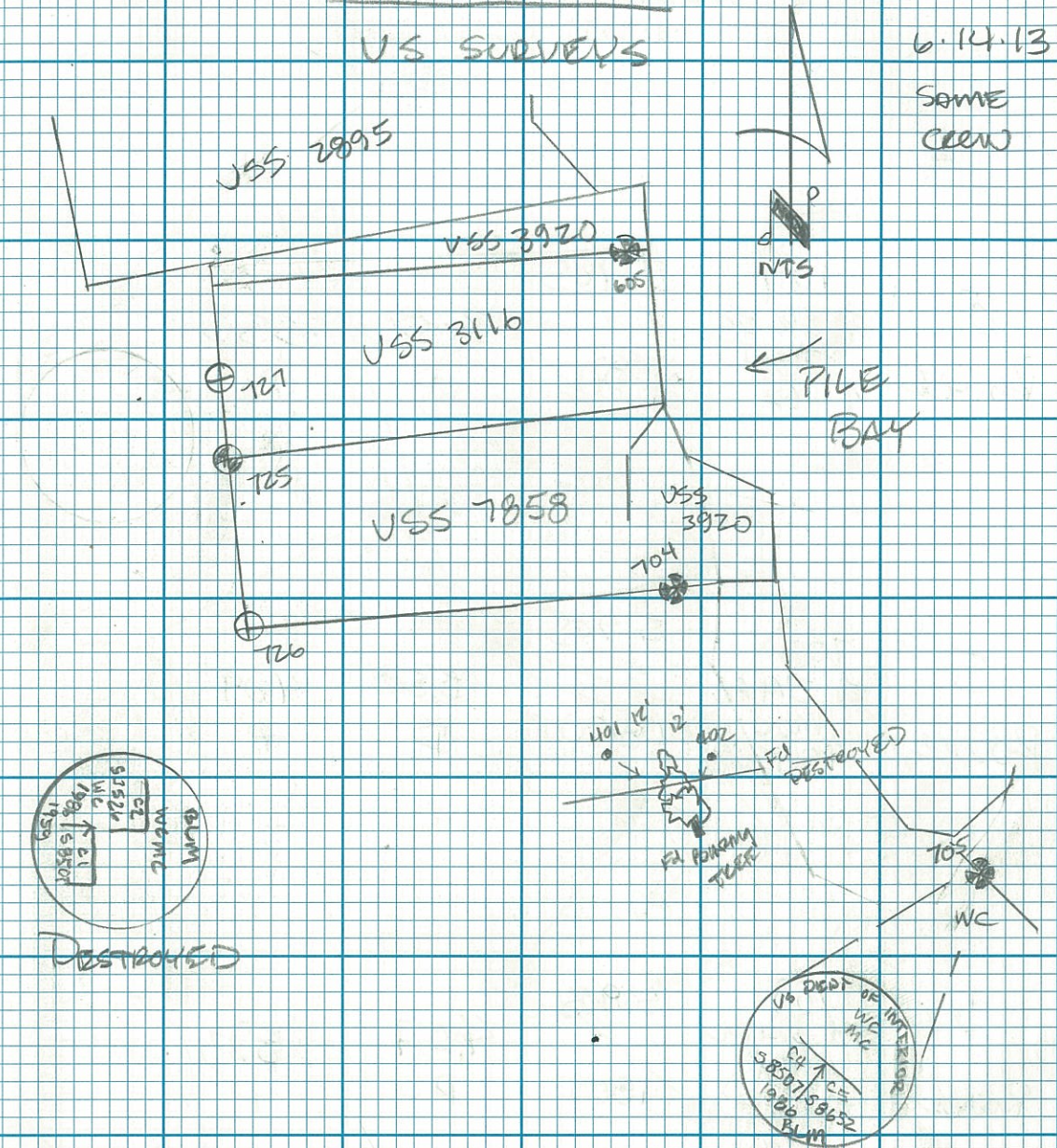
* SUP FOR POINT 706 BEARING TREE

6	40Z	5.905		
	GET SPIKE		2:58	3:20
Power		1800	P	P

PILE BAY

US SURVEYS

6.14.13
SOME
CROW

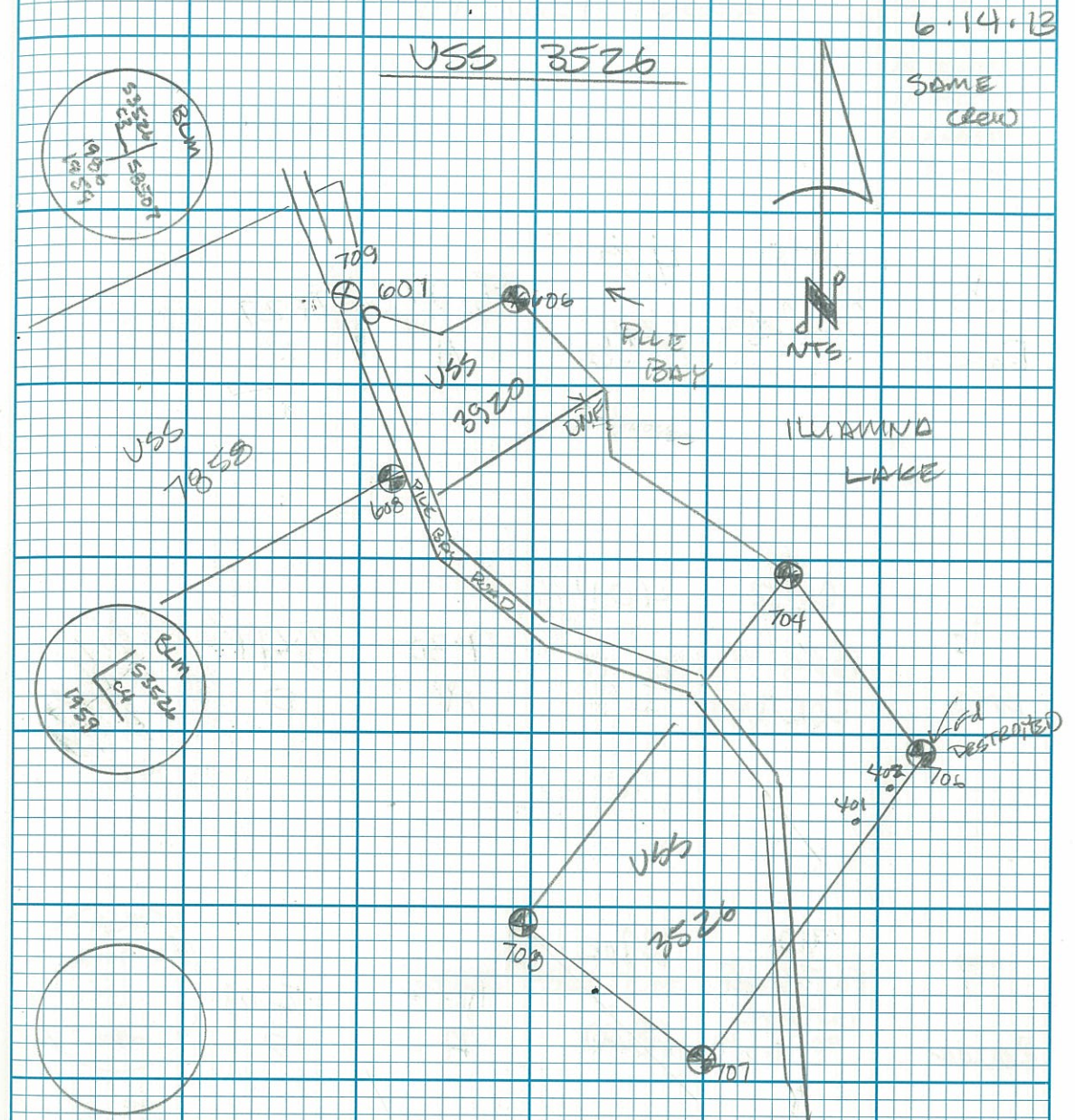


PILIE BAY
ADDN ROW TIES

6	707	5.905		
Power	F43K4BC		332	3.55
	MON	1800	P	P
	05			

5	708	5.905		
Power	Id 3 1/4 RC ↑ Mon 0 E	1800	3.50 P	4.09 P

5	709 Fd 3 1/4 AL MOW	5.905	4.07	5.13
Rover	FLUSH	1800	P	P



Pile Bay ADON Row TIES

5	CP #1	4.63	8:24	4:27
Base	GPS CONTROL	1.414	A	P

6	CP 3	4.011	9:30	8:41
BASE	GPS CONTROL	1.210	A	P

7	710	5.905	11:32	12:08
Rowed	FD 3 1/4 AC ONLINE ROCK OF	1800	A	P

75
SUNNY

06-15-13

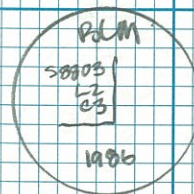
B. Kaitzsch
D. Hickey
E. Fugstad
P. L. S.

GPS

LEICA

VIVA

UNITS
8-9



SEE SKETCH Pg. 27

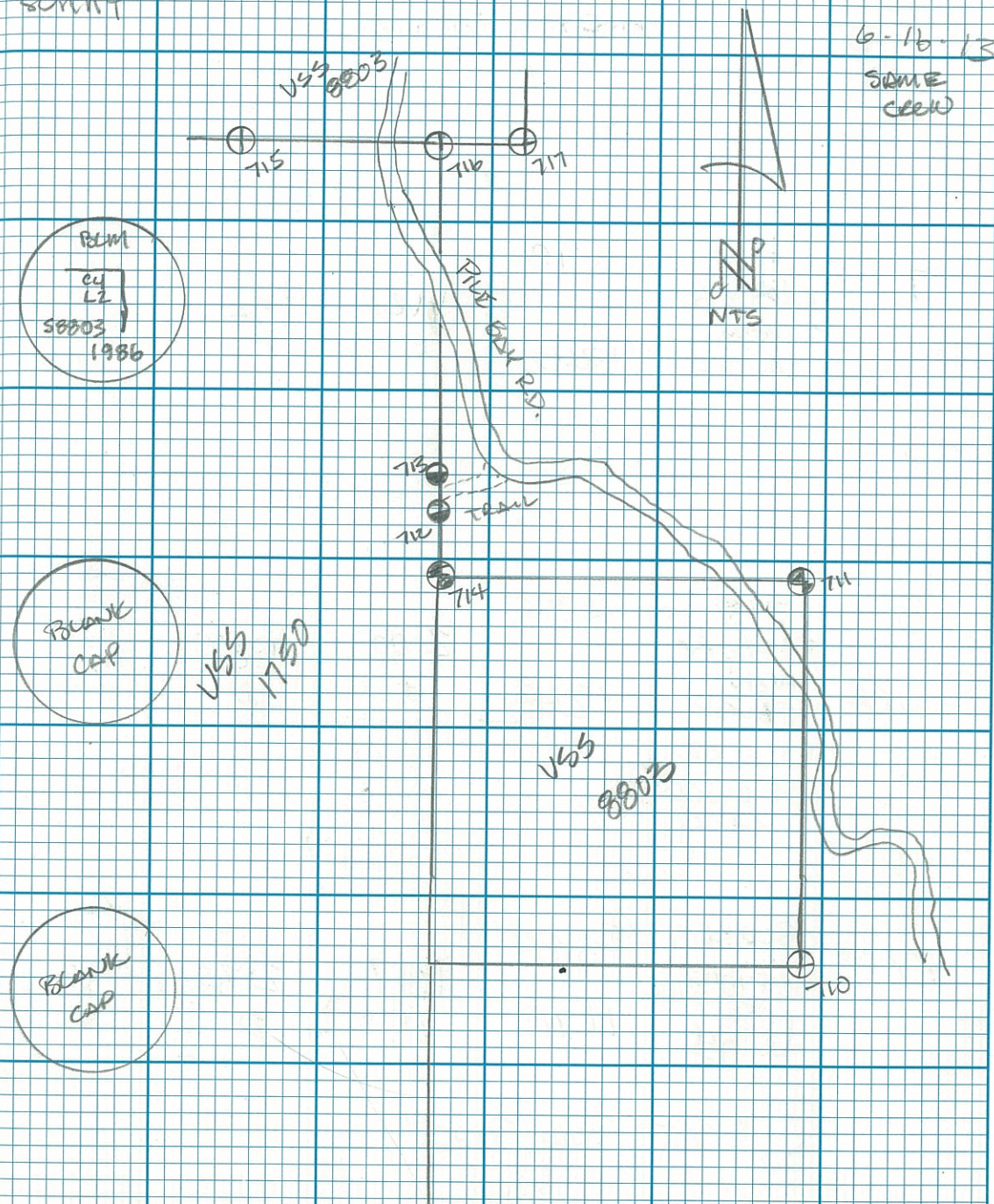
PILE BAY ADDN ROW TIE

8
Pover
711
Ed 3rd BC max
FLUSH
3.70
1.125
11.54
12.14
P

7
712
Ed 2nd corner
WOOD
11 0.1
2.70'
.823
12.24
P
1.21
P

7
713
Ed 2nd corner
WELD
FLUSH
3.75'
1.140
12.24
P
1.06
P

75
SUMMIT



PILE BAY ADDN ROW TIES

7 714 3.981
Fd 3/4 BC 1:12
MON P 1:36
POWER ↑ 02 1212 P

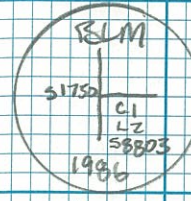
8 715 4.08
Rover Fd 3/4 BC 2:00
MON FLUSH 1243 1:26
W/EDGE P
OF RIVER
BANK

7 SEP 403 3.84
SET 10" S.P. 1:47
↓ 04 P 2:35
P

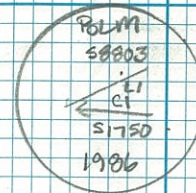
" SET FOR TOPO "

77
SUNNY

6-16-13
SAME
CREW



SEE SKETCH Pg. 27



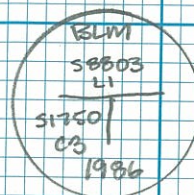
PINE BAY
ADDN. ROW TIES

8 716 3.09 2.47 3.26
Power Fd 2 1/2 BC ON 1P 71 05 .738 P

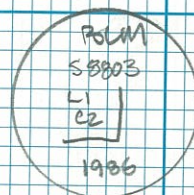
7 717 4.12' 2.58 3.20
Power Fd 3 1/4 BC MON 1255 P

77
SUN

6.16.13
SAME
CREW



SEE SKETCH Pg 27



PILB BAY ADON ROW TIES

	CP. 1	4.63	8:46	5:28
	GPS			
BASE	CONTROL	1.414	A	P

	CP. 3	3.891	9:22	5:51
	GPS			
BASE	CONTROL	1.180	A	P

	718	5.905	9:55	10:15
	FD 3 1/4 BC			
	MON	1800	A	
ROVER	FLUSH			

70°
SUN

GPS
LEICA
CR
UNITS
5-9

6.17.13

B. KOTZSCH
D. WICKY
E. FUGLESTAD
P. LIS.


RICE BAY ADDN ROW TIES

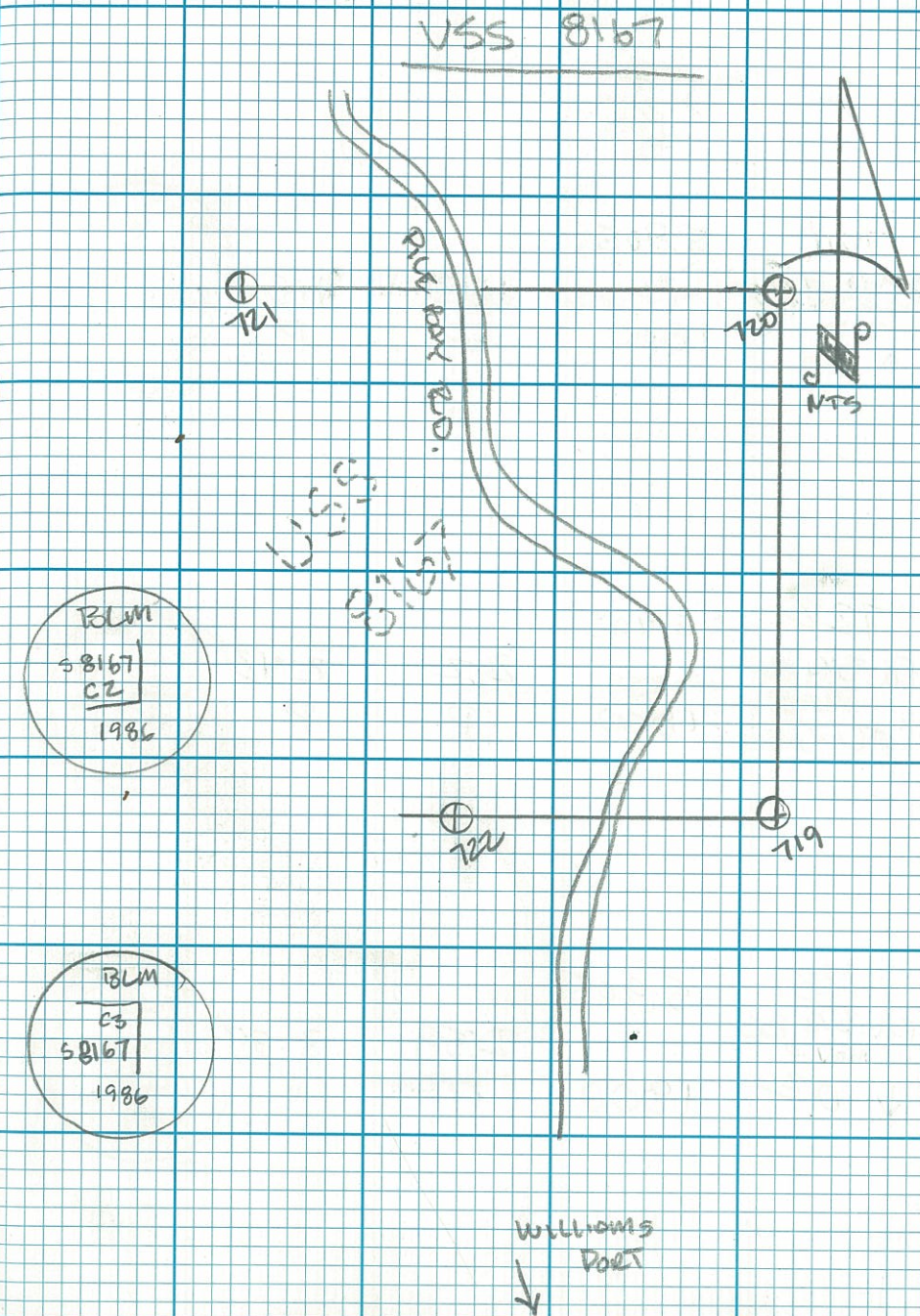
404P 5.905
Set 6" SPORE
TO THE BT'S
1300
TIE FOR #719
RESET 719
FROM BT'S
10:50
A

719 5.905
Fd 3 3/4" AA
↑ 1e
1.800
11:24
A
11:49
A

720 5.905
Fd 3 3/4" AA
↑ 0-
1.800
11:38
A
11:57
A

72°
CLR

6.17.13
SAME
CREW



Pile Bay 400N ROW TIES

7	721	5.905		
Power	FA 3/4 AL MON ↑ 03	1800	1:13 P	1:36 P

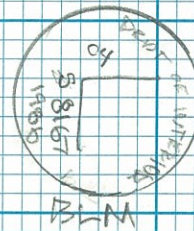
7	722	5.905		
Power	FA 3/4 AL MON FLUSH	1800	2:21 P	2:42 P

7	723	5.905		
Power	FA 3/4 PC MON ↓ 03	1800	2:59 P	3:39

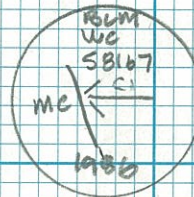
80
CLR

6.17.13

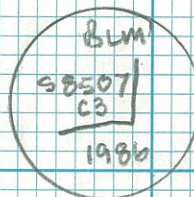
SAME
CREW



SEE SKETCH Pg. 31



SEE SKETCH Pg. 31



PILE BAY

40DN ROW TIES

7
Rowel
724
Fd 3/4 RC
MON
FLUSH
S. 905
1800
3:12
P
3:34
P

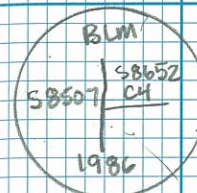
7
Rowel
725
Fd 3/4 RC
MON
↑ 02
S. 905
1800
4:07
P
4:27
P

8
Rowel
726
Fd 3/4 AM
↓ 03
S. 905
1800
4:24
P
4:44
P

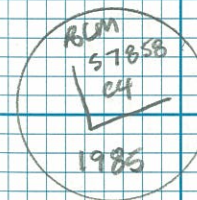
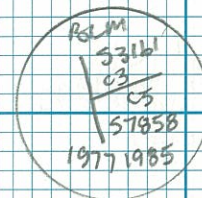
82
CLR

6.17.13

SOME
CORN



SEE SKETCH Pg. 24



PILZ BAY

400N ROW TIES

7
Rowe

727
F& 3 1/4 AM
BENT

5.205
1800

4.57
P

5.16
P

END OF DAY

82°

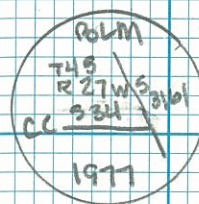
CLR



SUNNY

6.17.13

SAME
CREW



SEE SKETCH Pg. 24

Pile Bay ADDN ROW TIES

5 CP. 1 4.64
GPS 9:02 2:45
BASE CONTROL 1414 A P

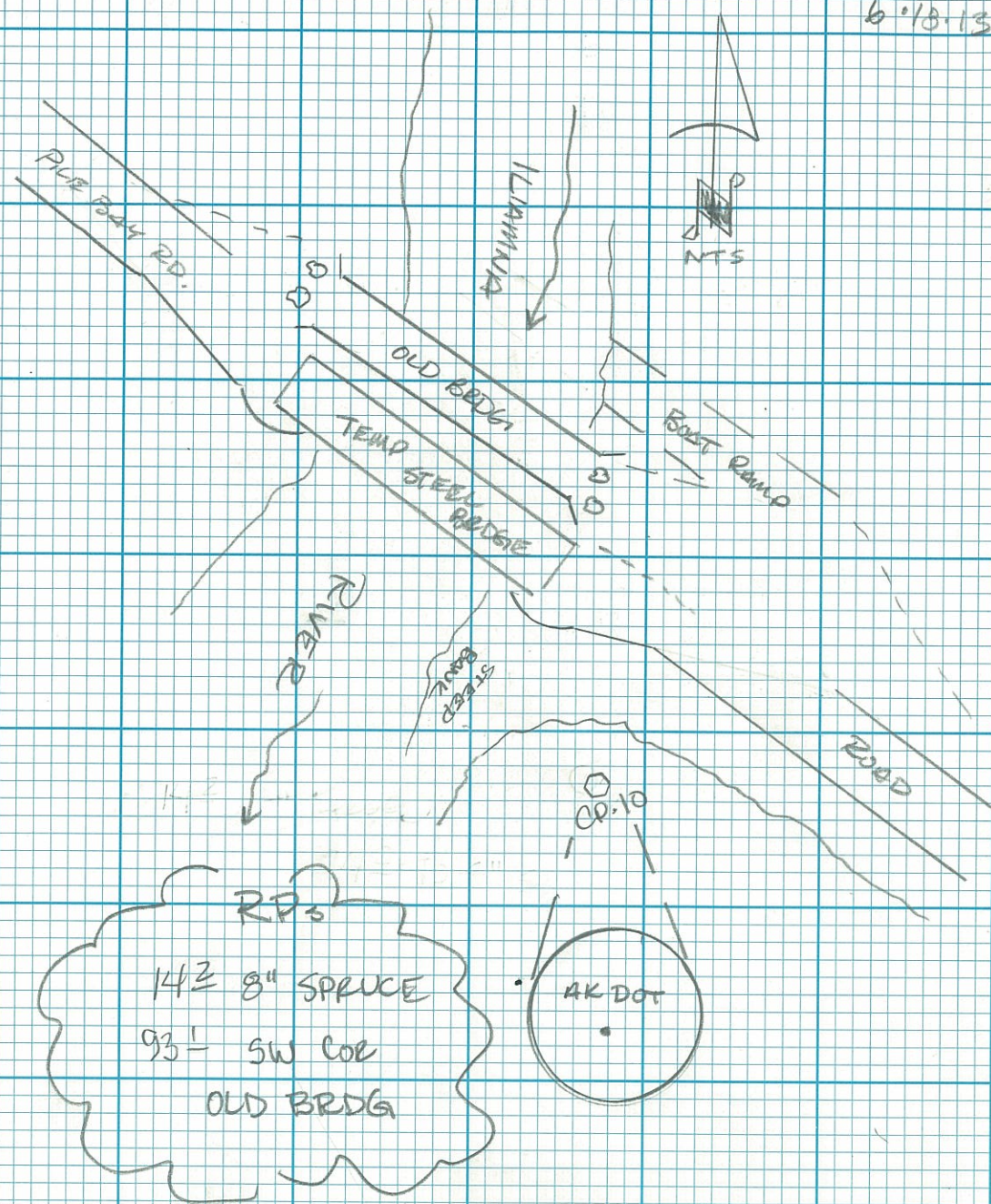
6 CP 3 4.11
GPS 10:02 2:05
BASE CONTROL 1.254 A P

7 CP 10 3.71
SET 30" PILE
PC 11:21 2:19
Rover ↓ 04 1149 A P

70°
CLR

CP. 10

6.18.13



PINE BAY ADDN ROW TIES

8	CP 9 SET 35' ROW PC	3.02'	12:07 P	2:31 P
Rowel		920		

77°
CR

CP.9

06-18-13

