

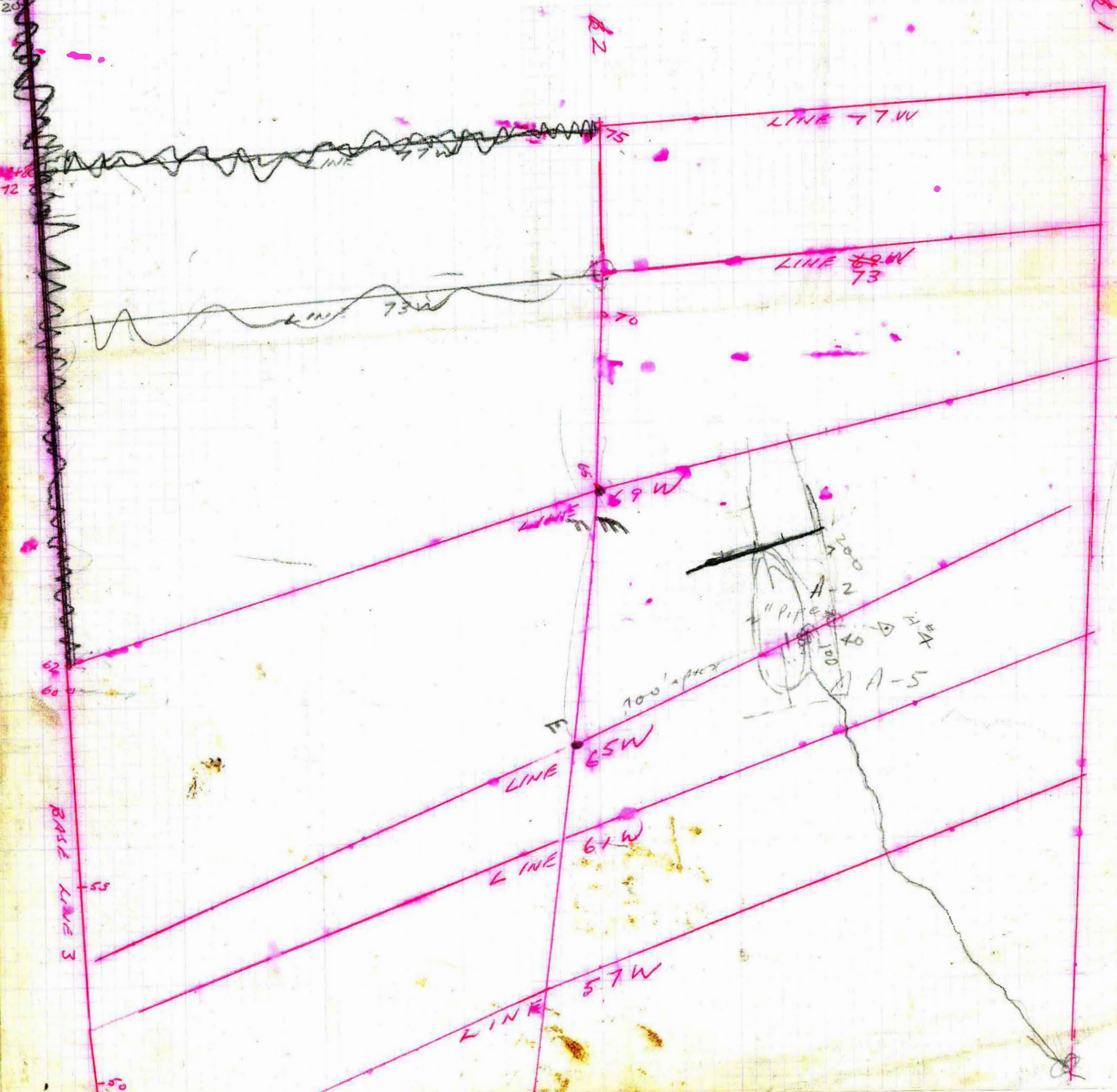
100 --- LINE 93W

450 --- LINE 89W

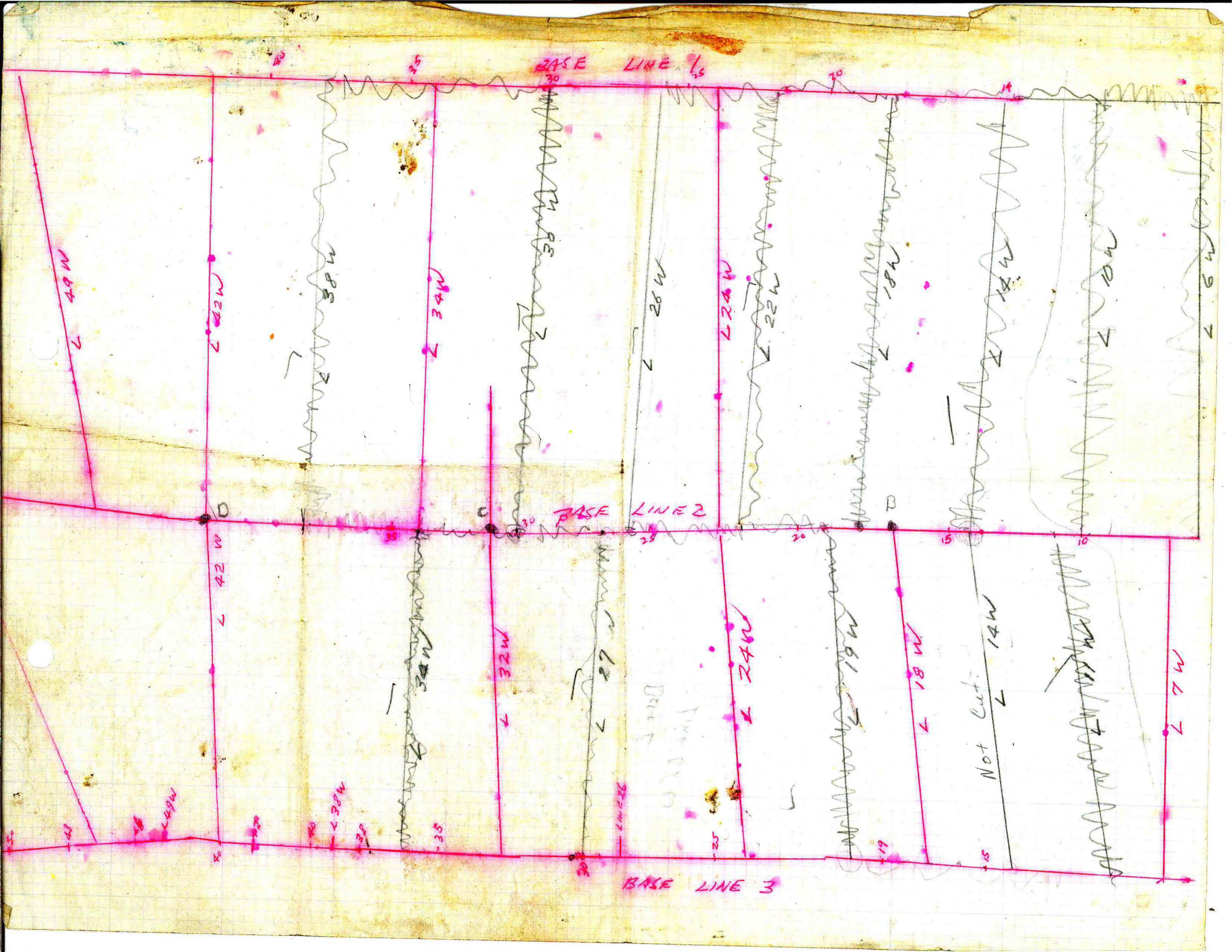
810 --- LINE 85W

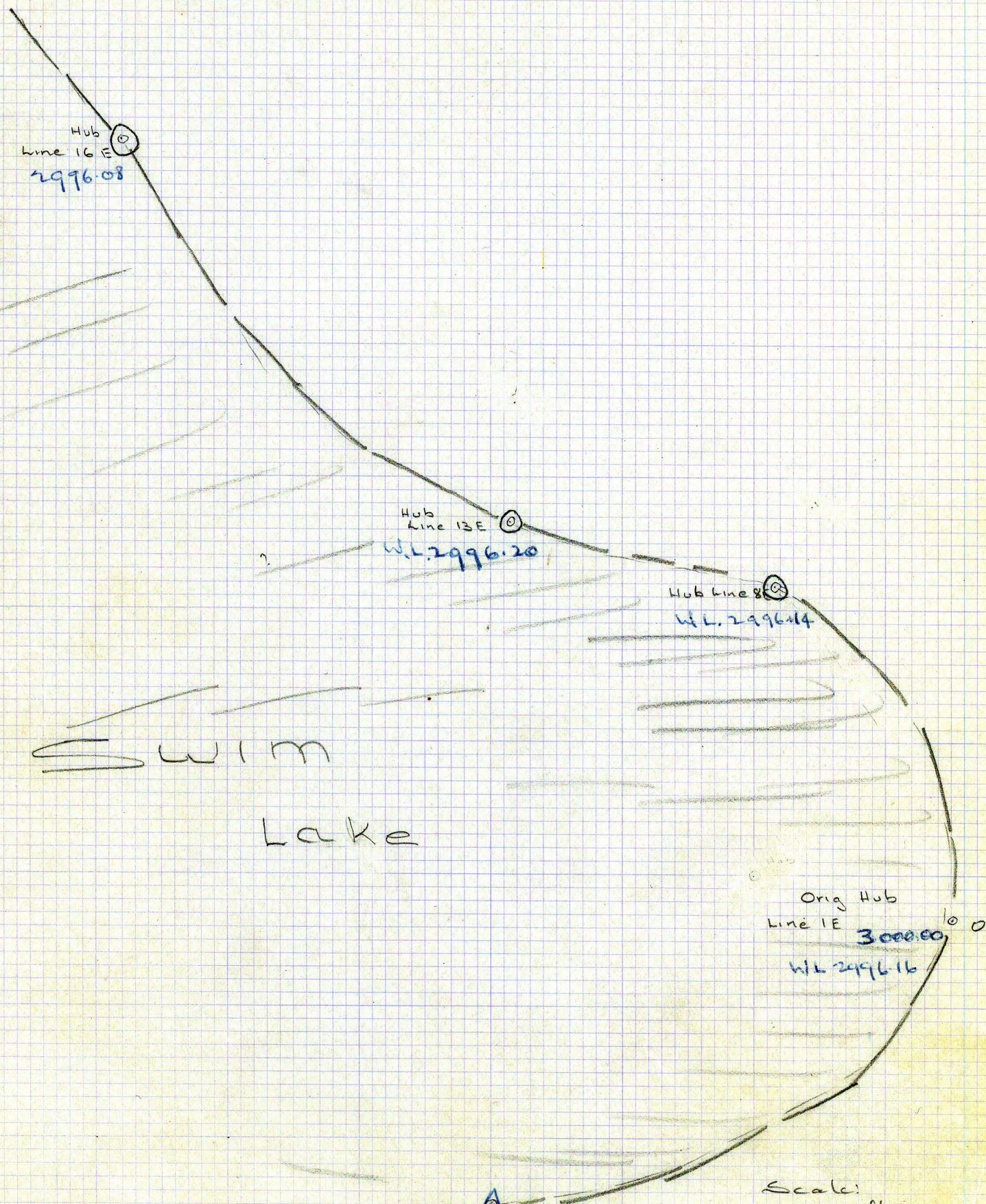
7TH 20' --- LINE 81W

007766  
Swim Lake









Hub  
Line 16 E  
2996.08

Hub  
Line 13 E  
2996.20

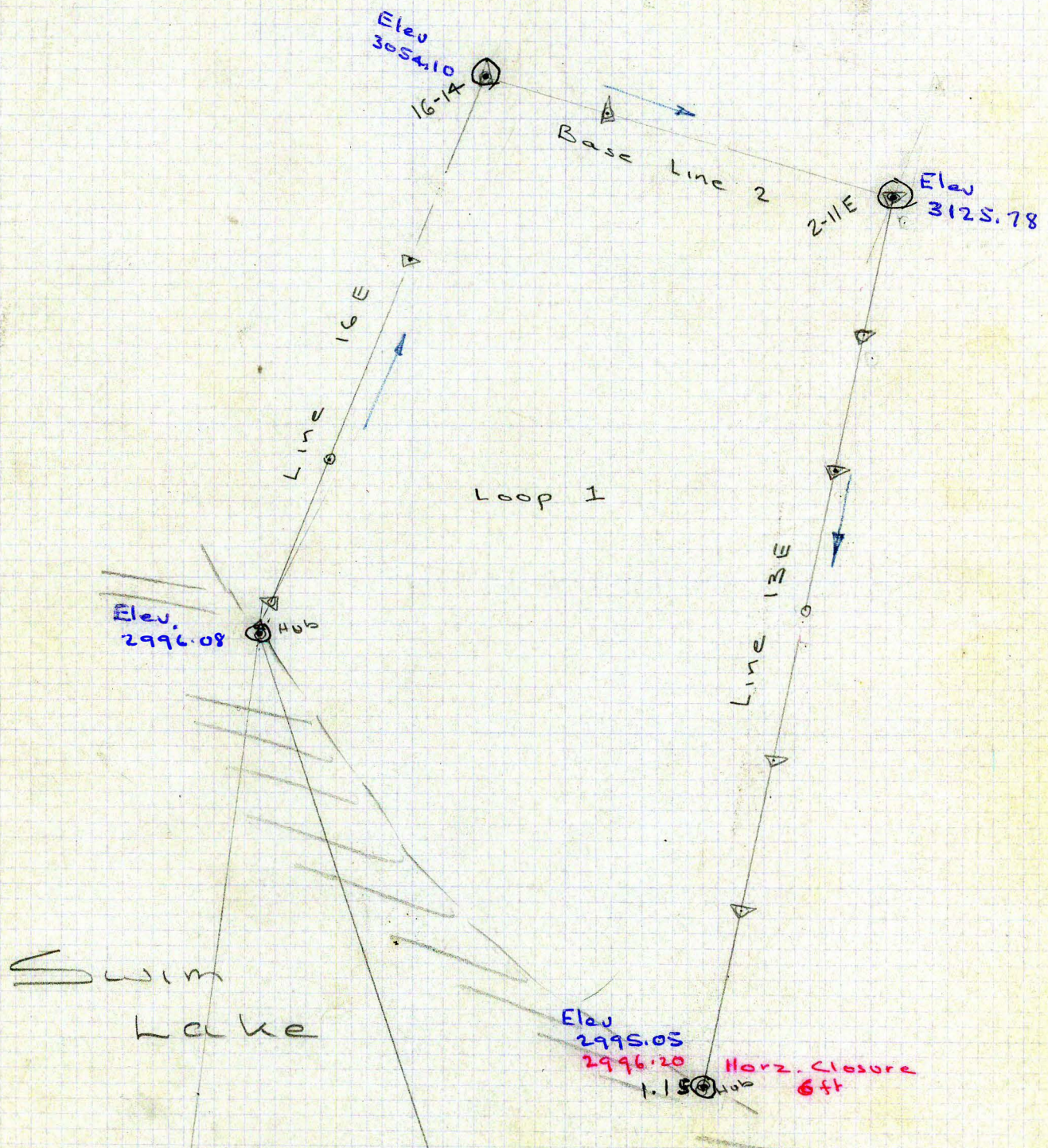
Hub Line 8  
2996.14

Swim  
Lake

Orig Hub  
Line 1 E  
3000.00  
2996.16

Camp

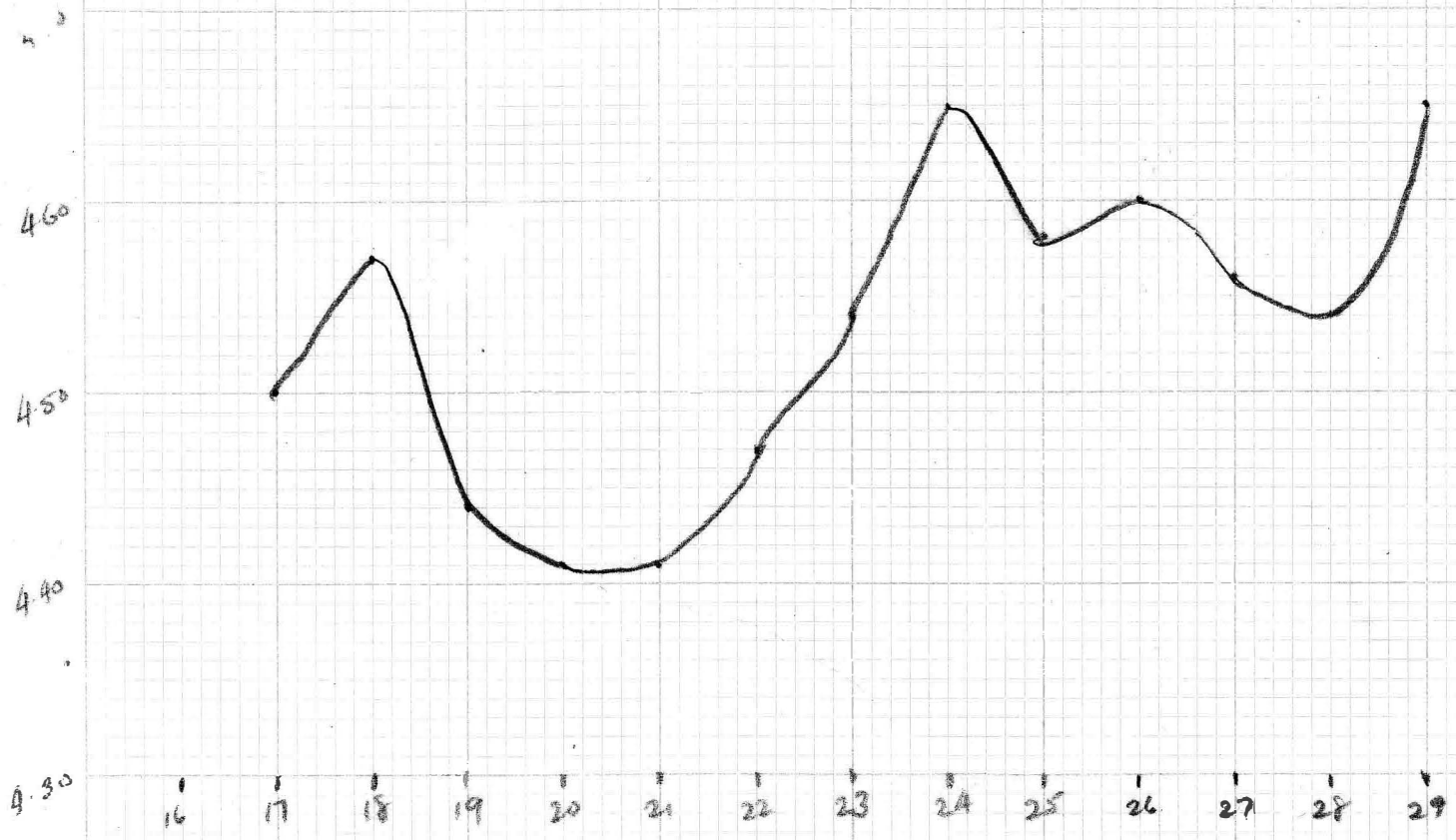
Scale:  
200 ft to  
1 inch.



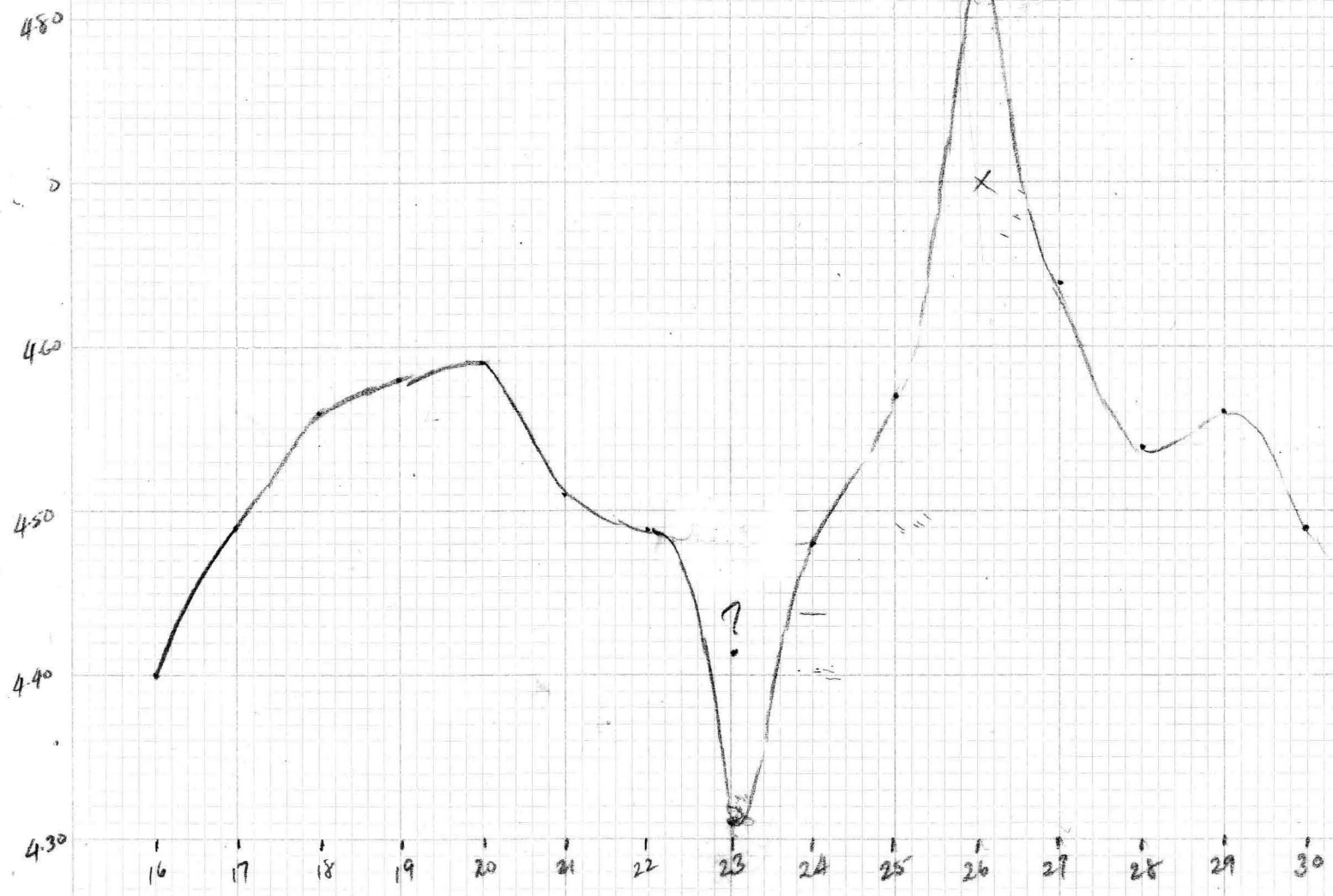
Scale:  
200 ft to 1 inch

Line 4 W.

South — North

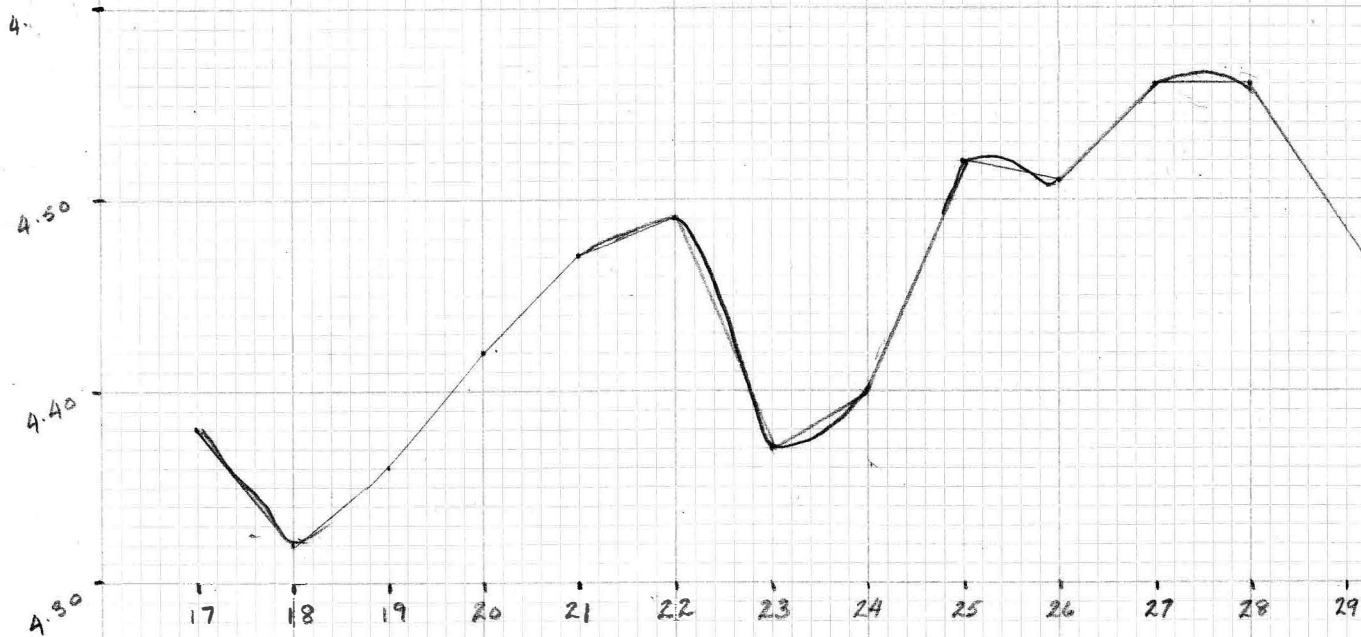


Line 8W  
South - North

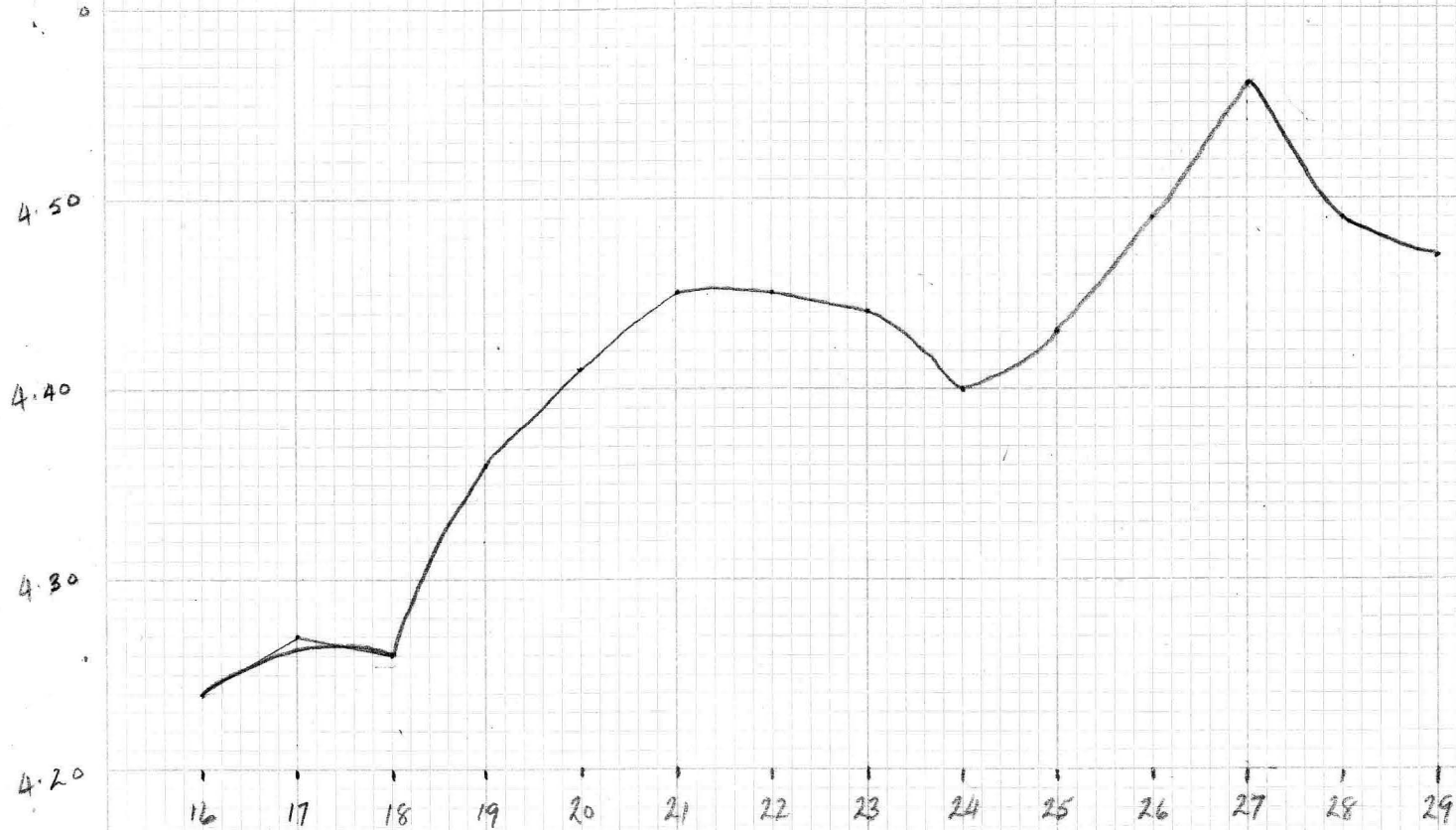


Line 24W

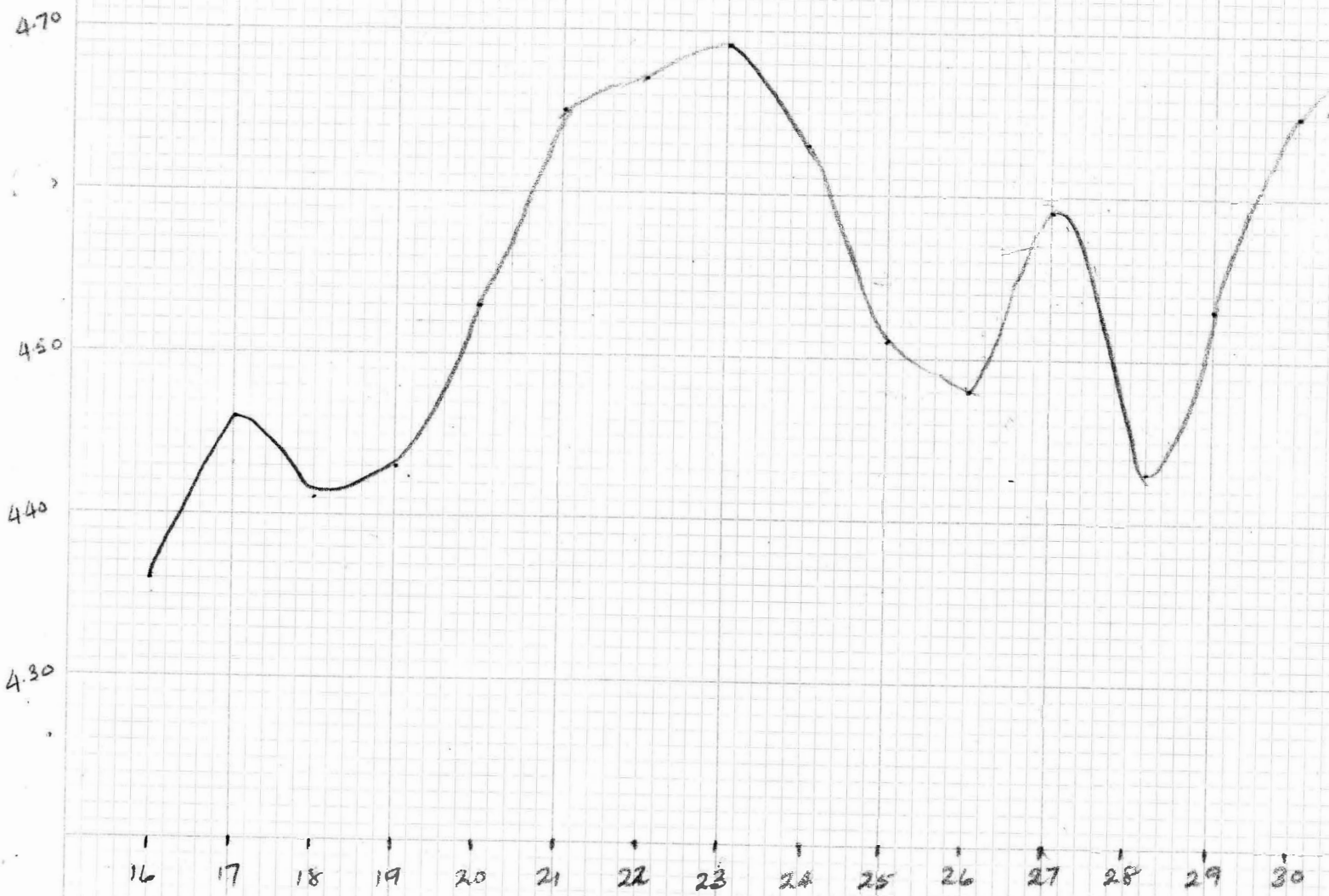
South - North



Line 20 W  
South - North



Line 12 W  
South - North



3140

3130

3120

0

100

200

300

400

3404.10  
 3054.10  
 -----  
 350.00

3404.10  
 3381.40  
 -----  
 22.70

3381.40  
 3125.78  
 -----  
 255.62

3125.78  
 3054.10  
 -----  
 -71.68

3317.04  
 3315.63  
 -----  
 +1.41

3170.53  
 3169.83  
 -----  
 0.70

3228.25  
 3227.17  
 -----  
 1.28

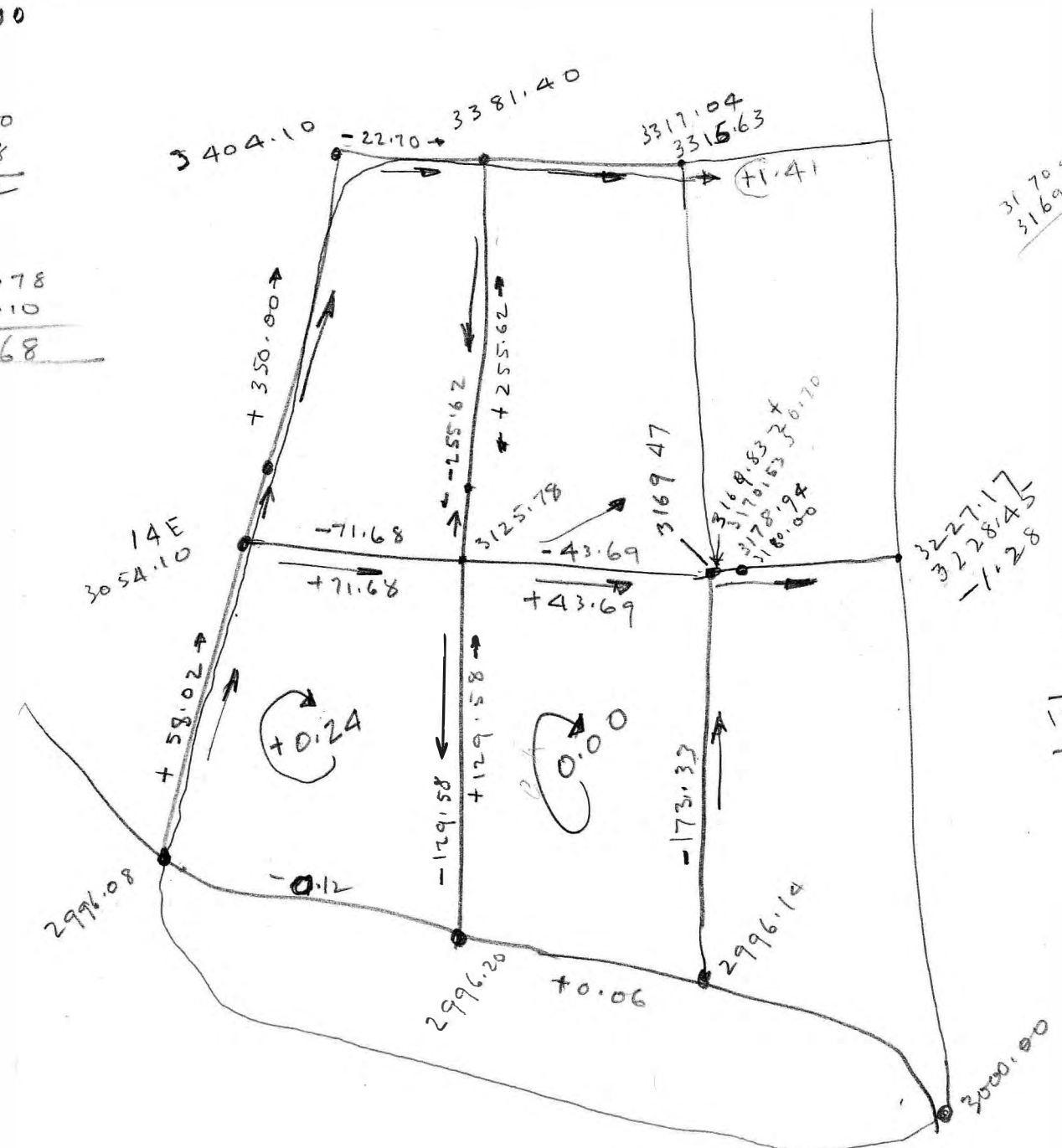
350.00  
 255.62  
 22.70  
 71.68  
 -----  
 350.00

3054.10  
 2996.08  
 -----  
 058.02

71.68  
 58.02  
 12  
 -----  
 129.82

128  
 129.58  
 129.82  
 -----  
 .24

3125.78  
 2996.20  
 -----  
 129.58



3227.17  
 3228.45  
 -----  
 -1.28

6

9

10

11

14

11

12

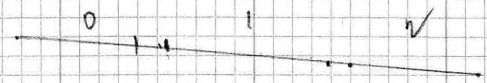
1

2

0

1

2



91°15'

87°25'

Horiz Closure 5.0'

3125.78

3170.53

3180.00

3177.94

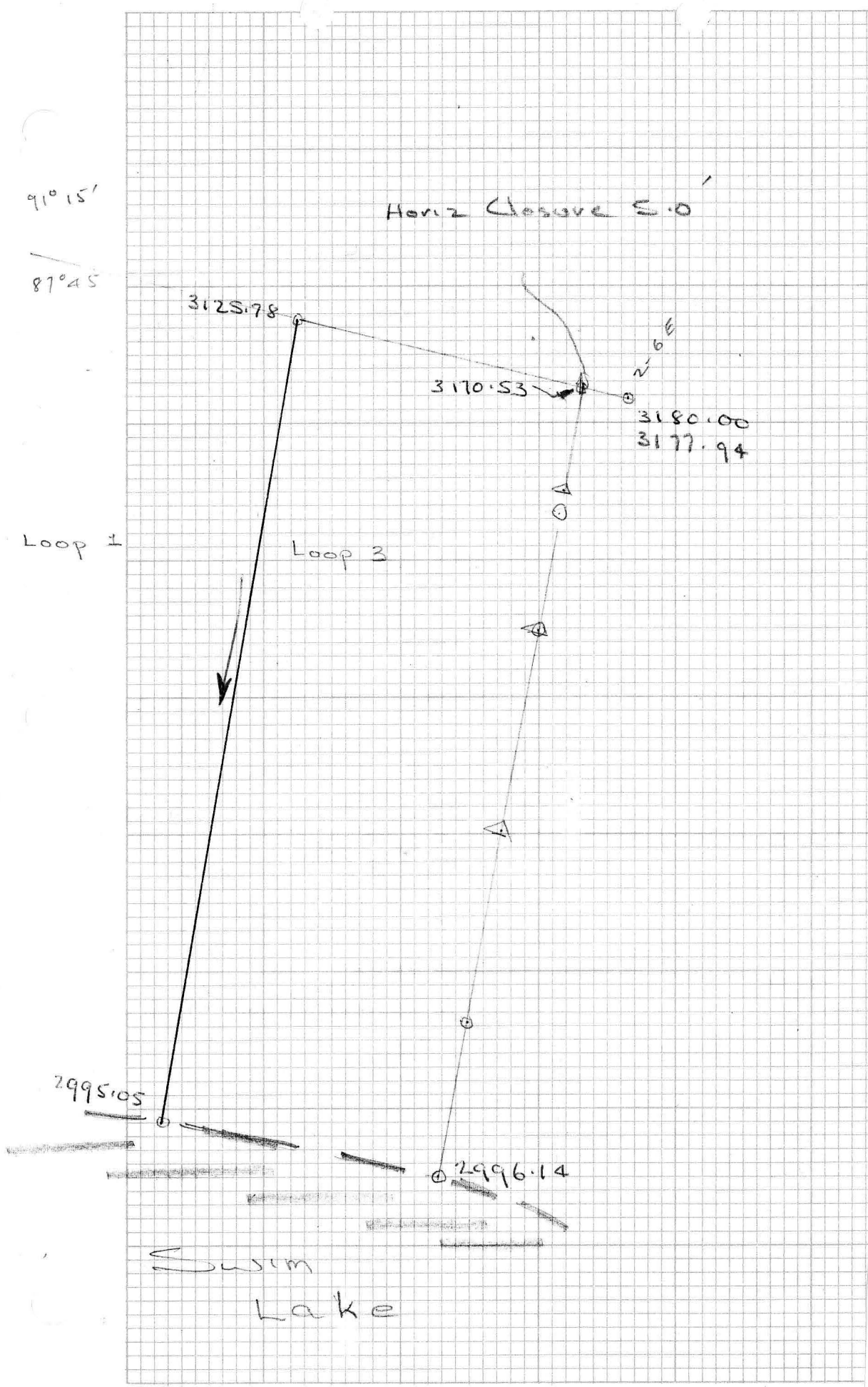
Loop 1

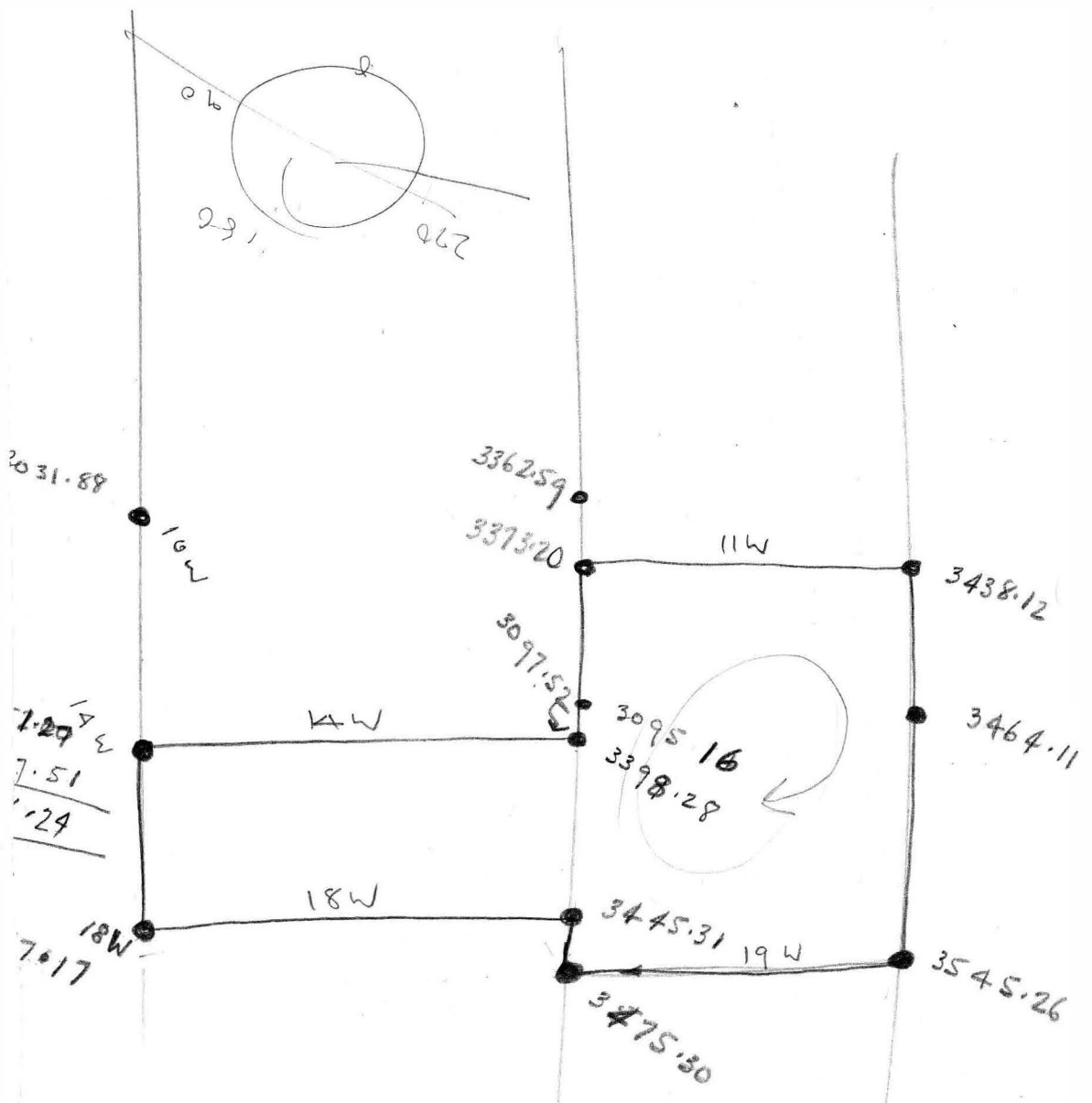
Loop 3

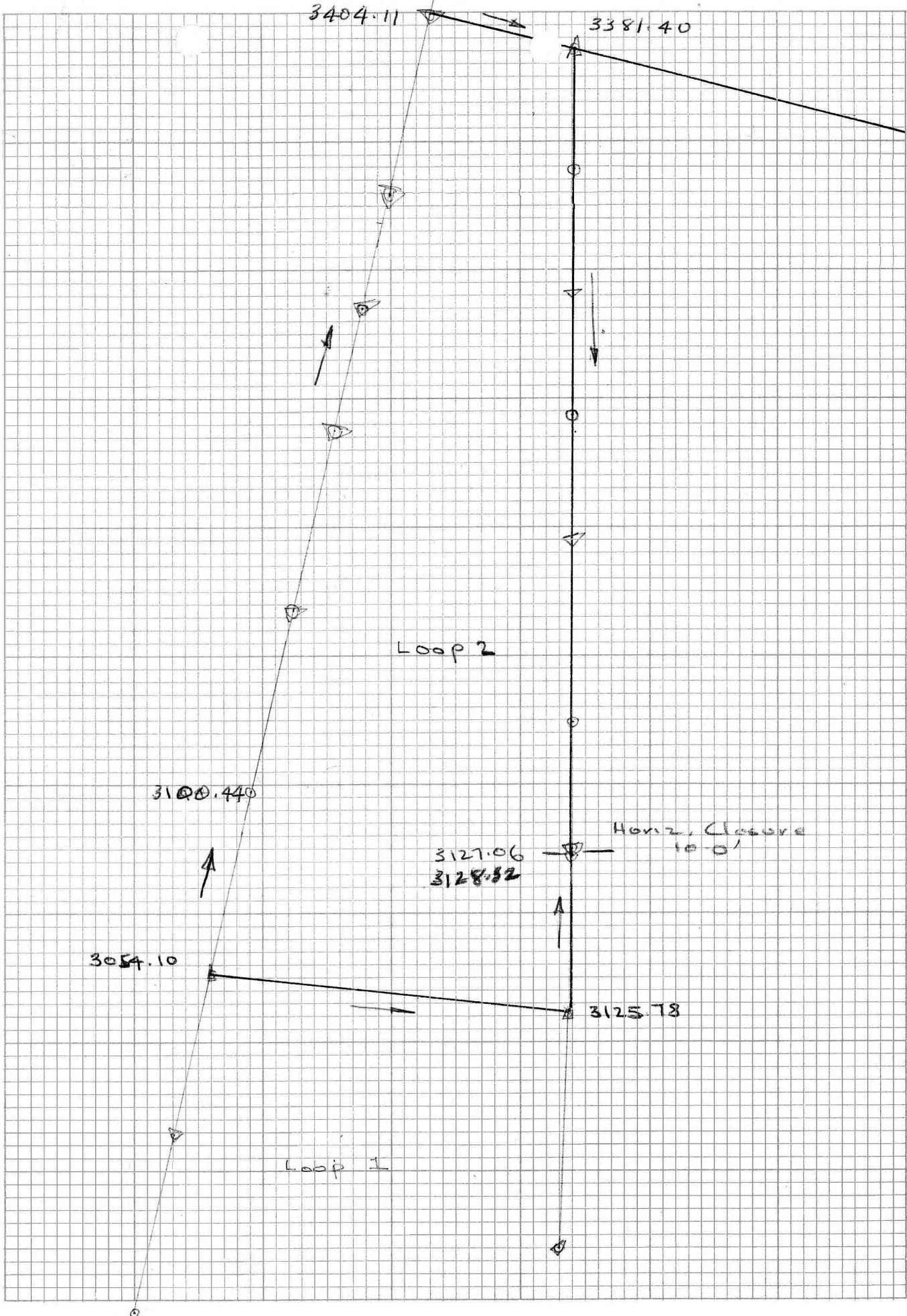
2995.05

2996.14

Swim  
Lake







AREA \_\_\_\_\_

UNITED GEOPHYSICAL

PARTY \_\_\_\_\_

CLIENT \_\_\_\_\_

GRAVITY COMPUTATION SHEET

PARTY CHIEF \_\_\_\_\_

ELEVATION CORRECTION FACTOR \_\_\_\_\_

PROSPECT CORRECTION \_\_\_\_\_ MG

COMP. BY \_\_\_\_\_

CHK. BY \_\_\_\_\_

STA. NO.	BOOK PAGE	GRID.	ELEV.	ELEV. CORR.	LAT. CORR.	OBS. GRAV.	TERR. CORR.	BOUG. GRAV.	NO.	RECHECK OBS. GRAV.	BOUG. GRAV.	DATE RUN	DATE RECHECK
51	M. M. Combe			Hours					51	D. A. Wall	12 1/2		
52				Aug 7	10:00				52	Aug 2nd	12 1/2	Cal - WH	
53				8	10:30				53	3rd	11	W.H. Fiedel	
54				9	10:30				54	4th	12	Fiedel	
55				10	10:50				55	5th	12 1/2	"	
56				11	10:00				56	6th	12	"	
57				12	10:00				57	7th	12	"	
58				13	10:30				58	8th	14	"	
59				14	12:45				59	9th	12	"	
60				15	12:00				60	10th	10	Working Field Notes	
61				16	12:00				61	11th	10	Field to W.H.	
62				17	10:00				62	12th	10	WH	
63									63	15th	10	"	
64									64	14th	7	"	
65									65	15th	10	"	
66									66	Total	152		
67									67				
68									68				
69									69				
70									70				
71									71				
72									72				
73									73				
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99									99				
00									00				

Things to do Swan Lake

Return Surface Elevation Blue line print

to Bill Savola Uncover

Copy <sup>Survey</sup> Field Notes

Change maps.

Field Notes from Ken Addison 1964

in Gravity Meter case

General Report Start.

~~Report on condition of Every~~

~~River~~

change Position of Line 14W on Base Map

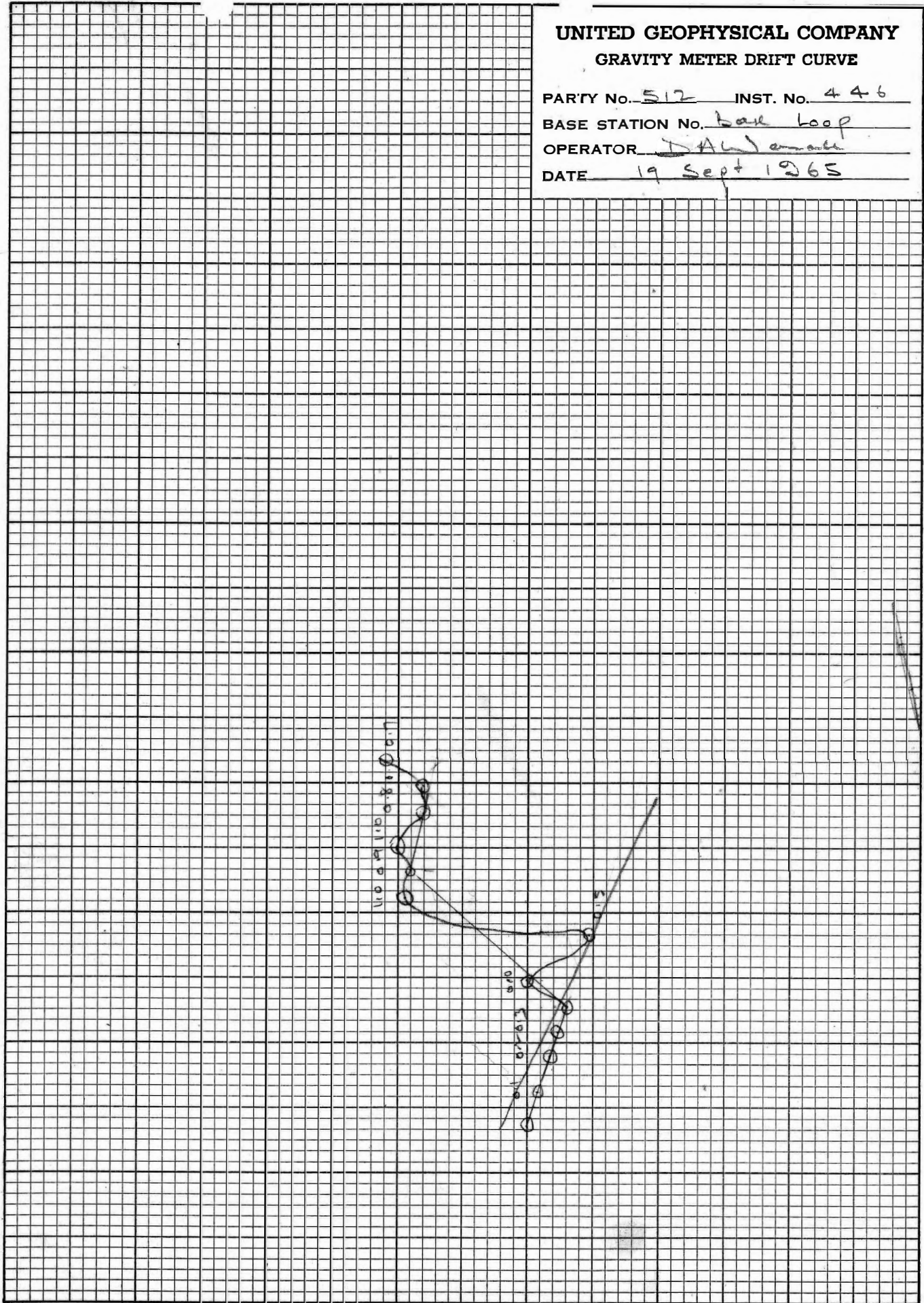
adjust Elevations 14W 11a 8.56 Fred Clark is may

Run between 11S & Base line 2

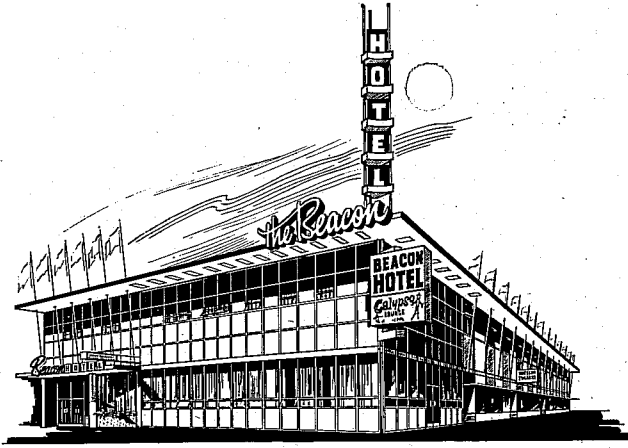
# UNITED GEOPHYSICAL COMPANY GRAVITY METER DRIFT CURVE

PARTY No. 512 INST. No. 446  
 BASE STATION No. Ball Loop  
 OPERATOR J.A. Lamm  
 DATE 19 Sept 1965

TIME-SCALE OF HOURS



DIAL READINGS



"CALGARY'S NEWEST MOST MODERN HOTEL FOR COMFORT"  
ON TRANS-CANADA HIGHWAY 5 MINUTES FROM CITY CENTRE.

# Beacon Hotels

(WESTERN) LTD.

FIREPROOF ROOMS - TASTEFULLY FURNISHED

TELEPHONE CR 7-7531

SIXTEENTH AVENUE & CENTRE STREET N. - CALGARY, ALBERTA, CANADA

MODERN ROOMS WITH BATH OR SHOWER.

LICENSED AIR CONDITIONED LOUNGES.

FRESH SEA FOOD OUR SPECIALTY.

## Swim Lake

Surveying: Inst: Swiss Kern theodolite. Read. acc. 0.5' Horz. 0.5' Vert.

Method: Horz. Stadia traverse. Vert. Stadia levelling.

Vert. Acc:  $\pm 1$  ft.

Surveyor: Dave Wanall Rodman: Frank Charlie - Alfred Charlie

General: Rodman was supplied by Kern-Addison mms. Work

Survey commenced  
4<sup>th</sup> Aug & was  
completed on 10<sup>th</sup> Aug

Progressed at rate of 7000 ft per day approx. Considerable  
difficulty was experienced interpreting str. Nos. Steep  
terrain. Average length of sight about 300 ft.

Average walk to & from field  $\frac{1}{2}$  - 1 mile. Difficult walking  
muskog slope rather timber est. Lines partially grass  
over in places. Datum was that established Aug 64  
by Kern-Addison Surveyor ~~str~~. str 0 line 1E 3000.00 ft

## Meter Operation

cc M. McCombe Inst: Varden #251  $k = 0.1022$

Base Network: Established by A Rich Aug 1964 Primary base

Commenced Aug 8<sup>th</sup>  
Completed Aug 17<sup>th</sup>  
2 days out with  
bad weather

"A" Value 100.00 mgs.

Operator: Mike McCombe

Method: 2 hour Base in for drift control

General: Difficult observing conditions, eg muskog wind

Proximity of str to trees. Difficult walking.

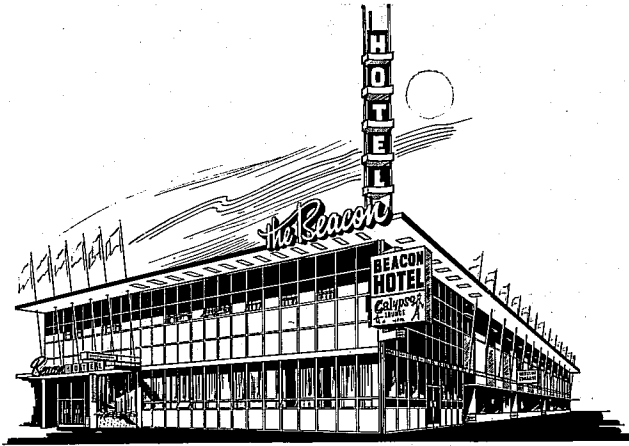
## Computing

Computer: Dave Wanall

General: Difficultly reducing <sup>survey</sup> field notes because of  
str numbering.

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C.N.P.



"CALGARY'S NEWEST ( ) MOST MODERN HOTEL FOR COMFORT"  
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## Observed Gravity:

Some doubtful values. Meter not in good shape  
Instances where drift rate too high. Ties to  
old work fair. with except. Lin 13E

## Conventions:

~~Conventions~~ Combined Free Air Elevation &  
density: A value of  $0.05833 \text{ mgs / ft}$  of Elev  
was used as Bouguer factor & was that determined  
by A Rich Aug 1964 Survey  
Latitude Correction: Values of Theoretical  
Gravity for ~~the~~ Latitude  $62^{\circ} 13' N$   
& Latitude  $62^{\circ} 17' N$  were adapted from A Rich  
Aug 64 Survey.

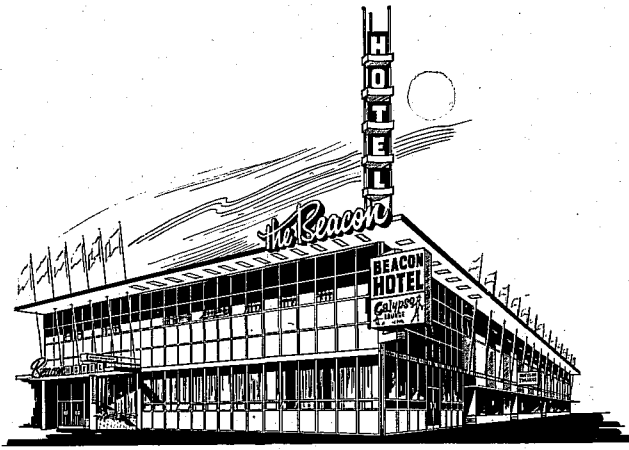
## Mapping

Terrain Correction: No terrain correction were  
applied to as it is considered that any  
terrain effect would be of small magnitude  
ie. not sufficient to mark any anomaly  
that may be present.

## Mapping:

Bare map of this area was compiled on basis  
of maps of 1962 survey ie an overlay was made  
& new work fitted to old.

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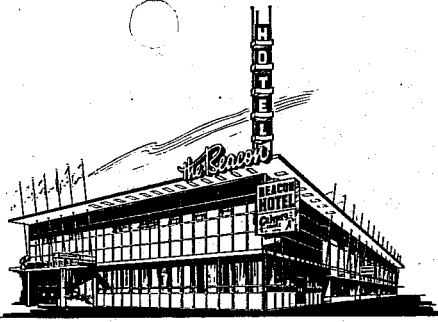
Interpretation An anomaly on line 73 in vicinity of Base line 2 look interesting. It is thought that the ore body immediately to the NE has N dip. Values on line 73 to N of Base line 2 do not indicate that this is a dike of ore from the main ore body. It is possible that this is a small ore deposit with steep N dip paralleling the main deposit. Because ~~is~~ very little indication of this anomaly is apparent from values surrounding this additional short line at Pt 4 to line 73 may give a better picture of what is happening here.

Fill in lines 38W to 2W do not show ~~anything~~ anything significant Regional gradient to ~~the~~ NW/SE. Flat area with small ~~bas~~ Lo's

A Gravity Bouguer in area of New work on the East end extensions looks interesting. line ~~the~~ 13 shows an anomaly just south of Base line 2. Because of Poor ties additional short lines & checking ~~these~~ are recorded. Residual Interpretation of this area may give indications of a large deep accumulation. Note steep flank in vicinity of 16 E & Base line 3. High values on South End of

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C N P



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MODERN ROOMS WITH BATH OR SHOWER.

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W  
line 8 ~~W~~ Fill in lines ~~at~~ ~~between~~  
~~between~~ ~~end~~ of line 8 ~~W~~ W  
E. IE with <sup>1 or 2</sup> cross lines may give a better  
indication of what is happening here  
Line 21W could also be extended to  
the south

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KERR ADDISON MINES LIMITED

SUITE 402—1112 WEST BENDER STREET

VANCOUVER 1, B.C.

PHONE 682-7401

Swim Lake, Y.T.  
August 20, 1965

Mr. Mike McCombe  
United Geophysics  
Whitehorse, Y.T.

Re Co-ordinates of Gravity Survey

Dear Mike:

I hope to be able to send you the co-ords  
by wire at 4:00 pm today.

To assure that the message by wire is okay  
I am sending you these two maps: ① Bouguer Map  
and ② Surface Map which contains the information  
you need.

If it should be this property's local co-ords  
then they are: △ BASE "E" on LINE 65W and  
Base Line 2 is 13,809 N and 59,718 E.

I hope that I have provided you with  
the information you want, and kindly return these maps  
to me as soon as possible. (Only ones I have)

Yours truly

R.S. STATION BASE "A" AT LINE 1 EAST AND

BASE LINE 2 is LONGITUDE 133° 00' 39"  
by TOPOGRAPHICAL MAP LATITUDE 62° 11' 56" / see accompanying maps.

Copy to Mr. K. Thompson