

IF FOUND RETURN TO

ERWIN U. MOSER
P. O. BOX 454
LOGAN, UTAH

ERWIN U. MOSER
P.O. Box 454
LOGAN, UTAH

65938

Made in U.S.A.

- 1-5 Israel Hunsaker 18
- 6- Richard Roskelley 1-5
- 7- L.H. Daines
- 8- Sam Fletcher

FOUR



- 9-10 Sabrina Johnson Quarry Products Co.

- 11-12 Israel Hunsaker
- 13- Ross Plant (Richmond St)
- 14- Murray Archibald
- 15- Tom Miller Parking Co

360B

- 16- Ernest Taylor
- 17- Vernon Kress

FIELD

- 18- Cache Co. Gravel Pit (Newton)

BOOK

- 19-20- Clark Alley - 1300 1/2
- 21-

- 22- Duke Iron Works
- 23- Capora Bridge

- 24- L. Roy
- 25- Charles L. Allen

- 26- John

- 27- Harold & Morris

ERWIN U. MOSER
P. O. BOX 454
LOGAN, UTAH

KEUFFEL & ESSER CO.

(CHECKED) 7-14-69

ERWIN U. MOSER
P. O. BOX 454
EDGAN, UTAH

Page	Subject
1-5 ✓	Israel Hunsaker - Blksth Fk Canyon
6 ✓	Richard Roskelly & Dale Nilson
7	
8 ✓	Sam Fletcher
9-10 ✓	LeGrand Johnson
11-12 ✓	Israel Hunsaker
13 ✓	Richmond City
14 ✓	Murray Archibald
15 ✓	Tri-Miller Packing
16 ✓	Erastus Johnson
17 ✓	Vernon Kreasie
18 ✓	Cache Co. Gravel Pit
19-20	Clair Allen
22 ✓	Dale Nelson
23 ✓	County Road Bridge
24	LeRoy C. Funk

(OVER) →

ERWIN U. MOSER
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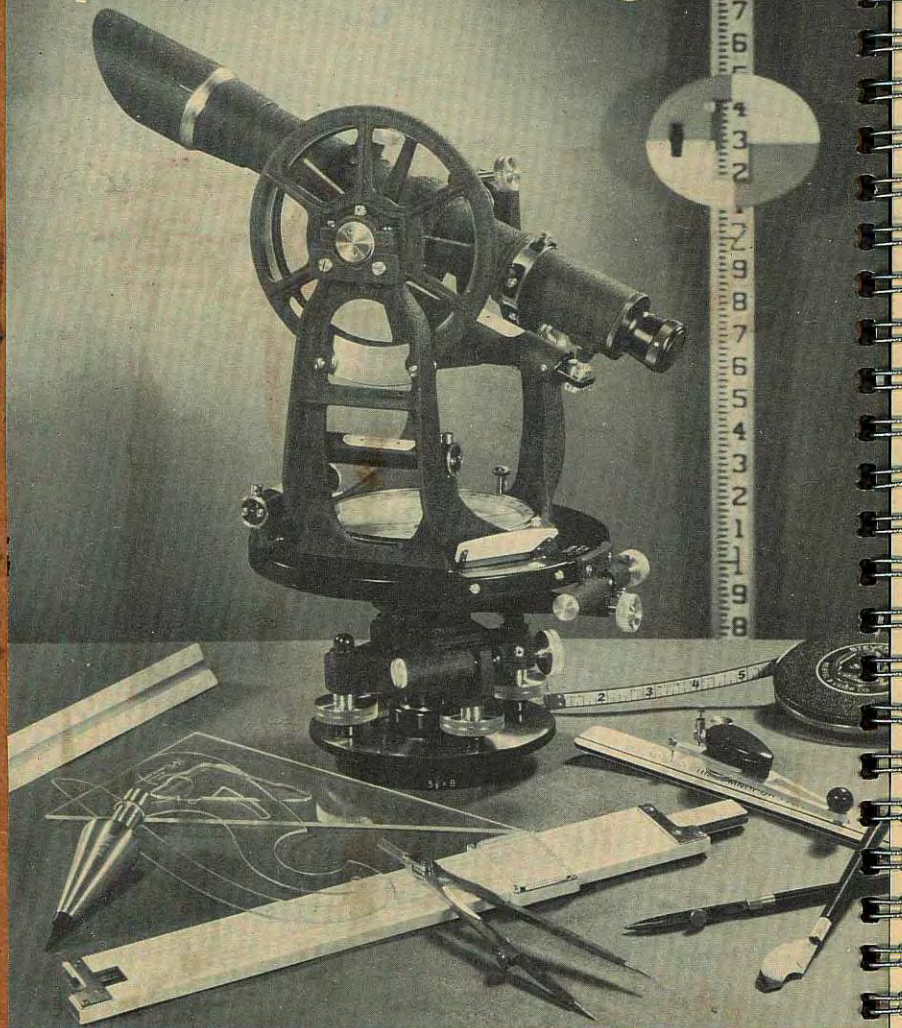
K+M

Page	Subject
25 ✓	C. L. Allen
26 ✓	John G. Evans
27 ✓	3 rd Ward Church
28-32	Harold E. Morris Hansen

FULL

NEW YORK • HOBOKEN, N. J.
CHICAGO • DETROIT • ST. LOUIS
SAN FRANCISCO • LOS ANGELES • MONTREAL

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Since 1867 K&E equipment and materials have been partners of the draftsman, the engineer, the surveyor and the scientist in shaping the modern world.

Whatever your needs, whether drawing instruments, papers, cloths, slide rules, surveying equipment, measuring tapes—in fact anything for the drafting room, for reproduction or for work in the field—think first of K&E.

Israel Hunsaker Aug 16 1954
Blacksmith Fork Canyon

1st Setting at point of
NE Cor of Sec 1 T10N.R
3E of SLB & Meridian
Stone and steel pipe
found in place.

The N¹/₄ Cor of Sec 4 was
also found. Stone had + on top
and was by pile of rocks.

The N¹/₄ Cor of Sec 6, T11N.
R4E of SLB & M was also
found. Point was identified
by pile of Rocks. No mark
was found on rocks at this
corner.

1/2 mile
line was run South from
N¹/₄ Cor of said Sec 6, to pt
which intersected E-W
of said Section 6.

Note: There is a stone at NW Cor. of
Sec 31 T11N R4E and ^{Pipe Cor.} at
SE Cor of said Sec 31. This
information supplied by
H.R. Adams, who states that
he has been to these points

Sta	1320	2640	1133	2640
	1133	1353	795	1925
0+00	595		1928	712
	255			650
	210			62

11+20
~~10+18~~
 11+33

+
 7495 +2°39'

+6+50 -1°05'
 +16'

0+00
 5+95
 5+20 (calculated) 28020'
 +26840'

2+55 +13050'
 2481 (cal)

2+60 +12°13'
 2521 (calc)

2+10
 +3720 -11°00'

+6+15 -12°27'

Add 89' to make 1320'

5.95
 2125
 2160
 1320

The measurements on this sheet are All Tied from NE Cor Sac 1 T 10 N R 3 E

of 5134 M.
 Iron pipe with Section Nos, was found in place, as well as marked stone

going west
 N 1/4 Cor stone found
 N 1/4 Cor. Stone found at 0+00
 going south

going south

Notes to be added
 89' to rt. marked
 1320 by station
 26
 245
 201
 204
 1234
 1320
 1234
 86
 3
 89'
 4x0.70 → 3

0400

341.55'

0400

341.55'

(2)

NE Cor of Sec 1 T10N R3E

N. from above cor. Stake placed

{ N¹/₄ Cor Sec 6 T10N. R4E
{ S¹/₄ Cor of Sec 31 T11N R4E

Iron post was placed
at pt 341.55' N. from
pt approx 500' W
from N¹/₄ Cor. of Sec. 6,
T10 N R4 E

Object was to get point
341.55' N of North line
of Sec 6, T10N R4E
Because of brush,
no pt was placed
immediately N. of the
N¹/₄ Cor of Sec. 6.

7-16-55

From Notes of BLM of 1881
True line betw Sec 6 & 31
runs $589^{\circ}20'E$

"Quotation"

I ran true line betw Sec
6 & 31 T 10 & 11 N R 4 E
Var. $17^{\circ}45'E$

25.7 Hollow - Course run $N25^{\circ}W$

40.00 Set Sand Stone $12 \times 8 \times 6$,
8" in ground. Marked
4 on N side with
mound of rocks for
 $\frac{1}{4}$ Sec cor

43.00 Ridge - Course NW

49.70 Bot of Hollow Course $N25^{\circ}W$

77.00 Spring 2 ch with runs NW

79.26 Set Sand stone $18 \times 12 \times 70$
12" in ground marked

1 notch on W & 5 on E
edges for Cor to Sec ~~31~~

31 | 32

6 | 5 with mound

of stones

above is runway of
S. boundary

4

Notes:
Photostat of Survey
dated July 27 1901 shows
line running E betw Sec 31
and Sec 6 T 11 & 10 N R 3 & 4
E. as $589^{\circ}56'W$.

Re: Fence running E-W at $\frac{1}{4}$
of Sec 6 T 11 N R 4 E of S 10 N
appears to be 86' North of $\frac{1}{4}$
according to notes of 1881
from Survey in office of BLM.

By Studio

7-16-55

$$\begin{array}{r}
 8+55+2.3' \\
 \hline
 2.3 \\
 \hline
 \end{array}$$

3° Vert

$$\begin{array}{r}
 8+52.7 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 8+04. \\
 \hline
 8+10 \\
 \hline
 6
 \end{array}$$

@ 5° Vert

$$\begin{array}{r}
 16+56.7 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 8+9.6 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 8+4 \\
 \hline
 \end{array}$$

500

$$\begin{array}{r}
 25+52.7 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 2640 \\
 \hline
 25.52
 \end{array}$$

86

beyond existing fence to So. Boundary

$$\begin{array}{r}
 16+56.7 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 990 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 9+00 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 4' \\
 \hline
 \end{array}$$

4° Vert

$$\begin{array}{r}
 26+96.7 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 9+90 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 24 \\
 \hline
 \end{array}$$

Vert

5

$$\begin{array}{r}
 56+41.7 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 495 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 990 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 16.56 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 26+46 \\
 \hline
 \end{array}$$

7-26-55-
Richard Prohelly Ph.D. 36652
Smithfield

Spring by Tree 0.22' deep = 0.35 CFS.

Flow from drains alone

0.22' deep = 0.35 CFS.

7-27-55-

Drain only 0.42' deep = 0.93 CFS

8-5-55-

Drain only 0.55' deep = 1.42 CFS.

8-6-56

0.87 = 2.66 CFS

L.H. Daines
 Clark F. Haskins 1492.9
 John Olsen 1493
 John Olsen 1495
 Geo T Blanch 1494
 Newell G Daines 1496
 Nettie M. Daines 1497
 Al S. Simmons 1477

Matilda Kunz 1478
 Lina B Pulley 1479
 Mavis H Bennett, 1480
 D W Crockett 1480a
 Gwen H Redford 1481
 Page 188 of 127 RIE

426.75' E from SW cor
 of Blk to Simmons

437.375' S from NE
 cor of Blk to Simmons

447.4
 25
 444.9
 444.9
 444.9
 7.53 over imp of
 Daines

See file under L.H. Daines

J-4-51- 541 Blvd
 198.5 Clark Haskins
 67' John Olsen 1480
 81.5 Blanch 67
 70.25 N.M. Daines 214.5
 70.125 Nettie Daines 86.0
 437.375 to Simmons 297.0
 1.65 0 70.25
 602.375 327.25

Page 188-127 RIE

99' Yvonne Redford
 99' D W Crockett
 66' Bennett Hansen
 99' Lina B Pulley
 63.75' Kunz
 426.75 to Simmons

68.5
 3
 65.5

77.5
 70.25
 7.25

444.9 = 30" to Simmons
 in Rear 67' N-S

8-4-55 Sam Fletcher

365 N 1W

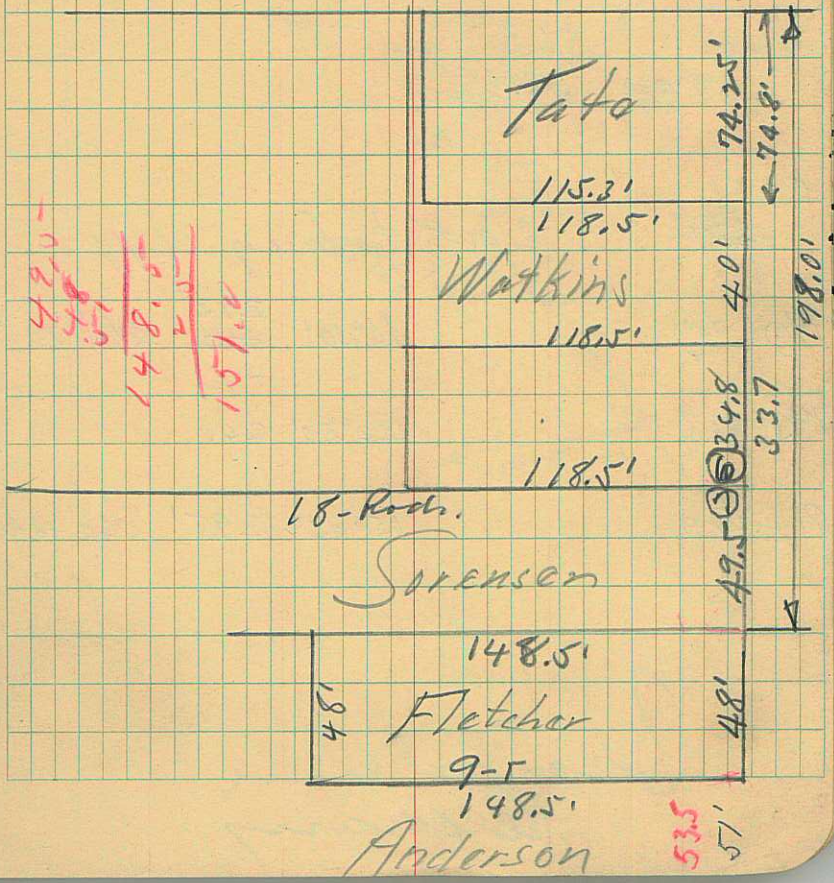
Page 129 of 127 R1E

198.5 to Ches Sorenson

N 1/2

49.5 S to Ches Sorenson Strine

198.0 S to Beag & Fletcher
N 1/2



49.5
49.5
148.5
2.5
151.0

53.5
51'

P10 R/L L/L Vert Rod Dist Stadia dist
 0+00 T.P. Cross in Tunn HOR. VERT
 P11 110°34' 00'

P12
 0+00 Cross in T
 +20 180°-00'

P13
 0+20 110°-34' Cross in T
 +78.3 to outside just set.

P14
 0+00 Cross in T
 +08 ~~20~~ dip.

P15
 0+00
~~12.6~~
~~+63.7~~ out to facing cliff

P10 & P17 16°10' 285' 273.1 79.1'

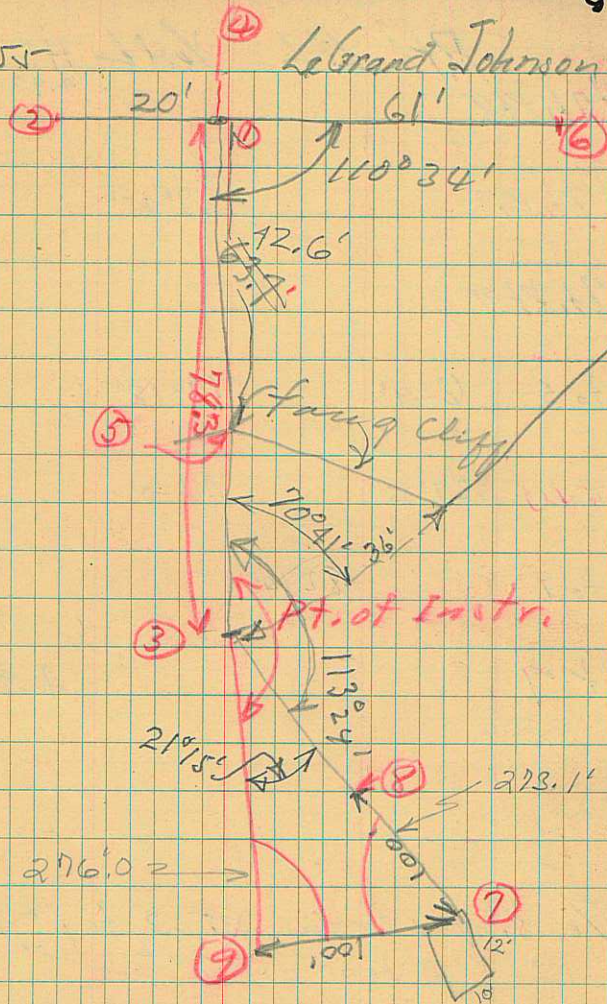
P13 & P18 24°50' 260' 22.5'

P13 & P19 15°05' 295' 276.0 74.4'

Grandine
 Osborn

8-7-55

LeGrand Johnson



PTH LHL VertL HI
4.93

Pt 7 to Pt 3

17° 45'

Pt 7 to Pt 9

7 to 5 6° 29'

19° 18'

7 to 10 37° 35'

46° 0'

7 to 9

82° 14'

Pt 7

4.93

% slope from pt 3 to pt 1 = 11% \nearrow
 Δ ELEV = 8.6' \uparrow



R/L L/L Vert L HI
 4.93

P7 to P18

P7 to P13

17° 45'

P7 to P19

7 to 5 6° 29'

19° 18'

7 to 10 37° 35'

46° - 0'

7 to 9 82° 14'

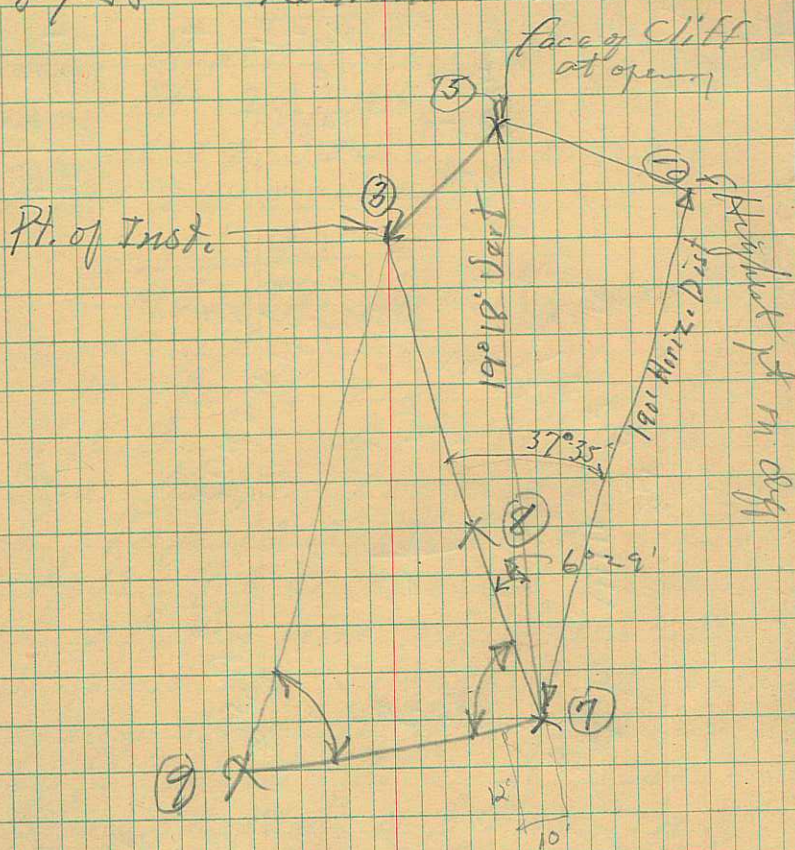
P7

4.93

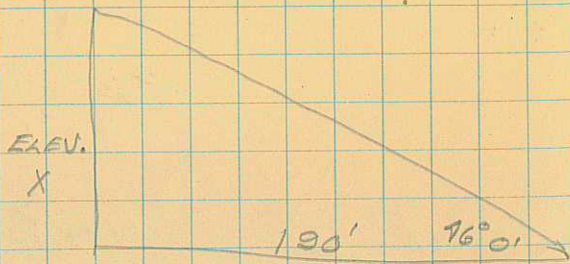
% slope from pt 3 to pt 1 = 11% \rightarrow
 $\Delta ELEV = 8.6' \uparrow$



8-7-55 LeGrand Johnson



FOR MTN TOP ELEV.:



REFERENCE ELEV. AT CRUSHER BIN = 100.0

$$\tan 16^\circ (190') = \text{ELEV. } X = 197.6$$

$$\text{REFERENCE ELEV.} + \text{ELEV. } X = 297.6$$

ELEV. FOR PT. #3:

3207 VERT. $\angle = 16^\circ 10'$
ROD READING = 2.95'

$$\Delta \text{ELEV.} = 2.95 (96.79) + 0.28 = 78.8 + 0.3 = 79.1'$$

HORIZ. DIST. PT #3 TO #2:

$$\text{DIST.} = 295 (9225) + 1.0 = 272.1 + 1.0 = 273.1'$$

ELEV. FOR PT #1:

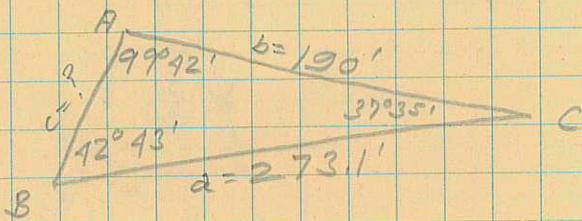
3201 SLOPE = 11%

$$\Delta \text{ELEV.} = 78.3 (.11) = 8.6'$$

ELEV. FOR PT #5:

$$\Delta \text{ELEV.} = \frac{35.7}{98.3} (86) = 3.9'$$

HORIZ. DIST TO PT ON MTN. FACE $37^\circ 35'$ CLOCKWISE FROM LINE THRU PT. #3 & #2:



$$\text{SIDE } C = \frac{a \sin B}{\sin A} = \frac{273.1 (\sin 37^\circ 35')}{\sin 99^\circ 42'} = \frac{273.1 (\sin 80^\circ 18')}{\sin 80^\circ 18'}$$

Side c = 169

MTN FACE = 169 - 36 = 133'

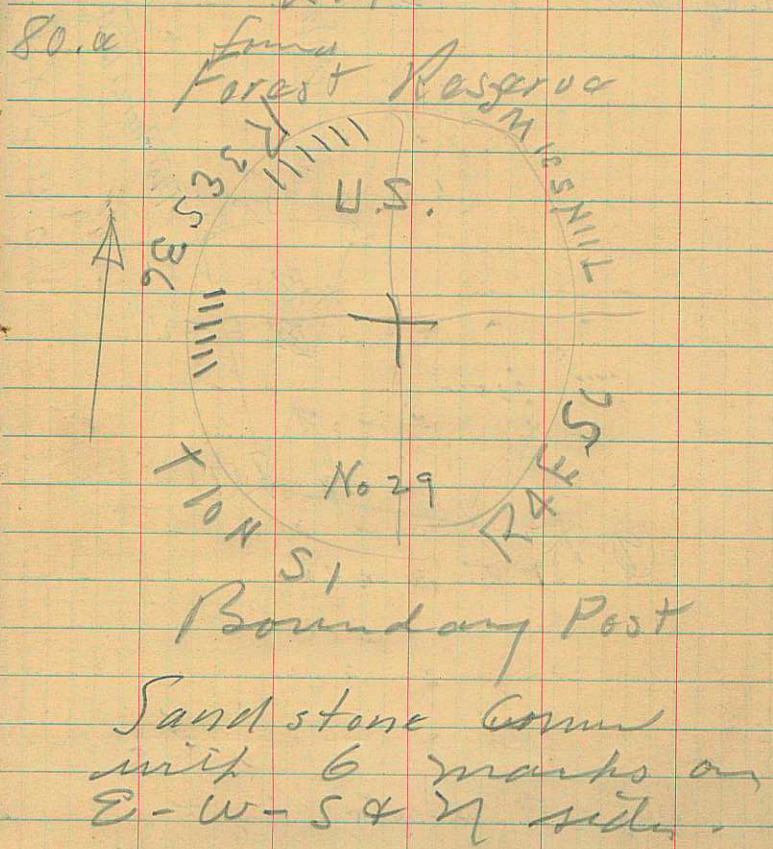
CALCULATION FOR AGGREGATE

L = 140' W = 74' D = 175'

$$\text{VOLUME} = \frac{140 \times 74 \times 175}{27} = \underline{67,000 \text{ yds.}}$$

8-17-50

40.00	Red	Dist	Vert L +	-
W 1/4 Sec		384'	1°	0.1'
		9.50	1° 30'	0.8'
		1200		1.4'
		2534		



16.0
 20.73, B-4442
 115.5
 334.9
 41.83

Pt. Moved 111.44' North
 of Pt. 20.7 rods N of SW
 Cor of Sec 31 T11N R4E
 20.7R = 341.55'
 111.44
 452.99' Pt. is N. of above Cor

The North line of Lots
 7 & 8 is 452.98' North of
 the North Line of Section
 6, Twp 10 N R 4 E of S 1 B 2 M
 Lots 7 & 8 extend 30.16 ch
 E of N. line of Sec 6.
 A line of stakes was set
 along the N. line of these
 Lots with the NE Cor.
 Marked with a blaze on the
 E. side of a Quaking Aspen
 tree. A stake, flagged and
 marked with a chokecherry
 limb was placed at the
 NW Cor of above Lots.

FRANK MUNSACKER, JR. ETAL
 WASHINGTON, UTAH

SEC 31 T 11 N R 4 E;

B444D ISRAEL HUNSAKER JR. ETAL
TREMONTON, UTAH

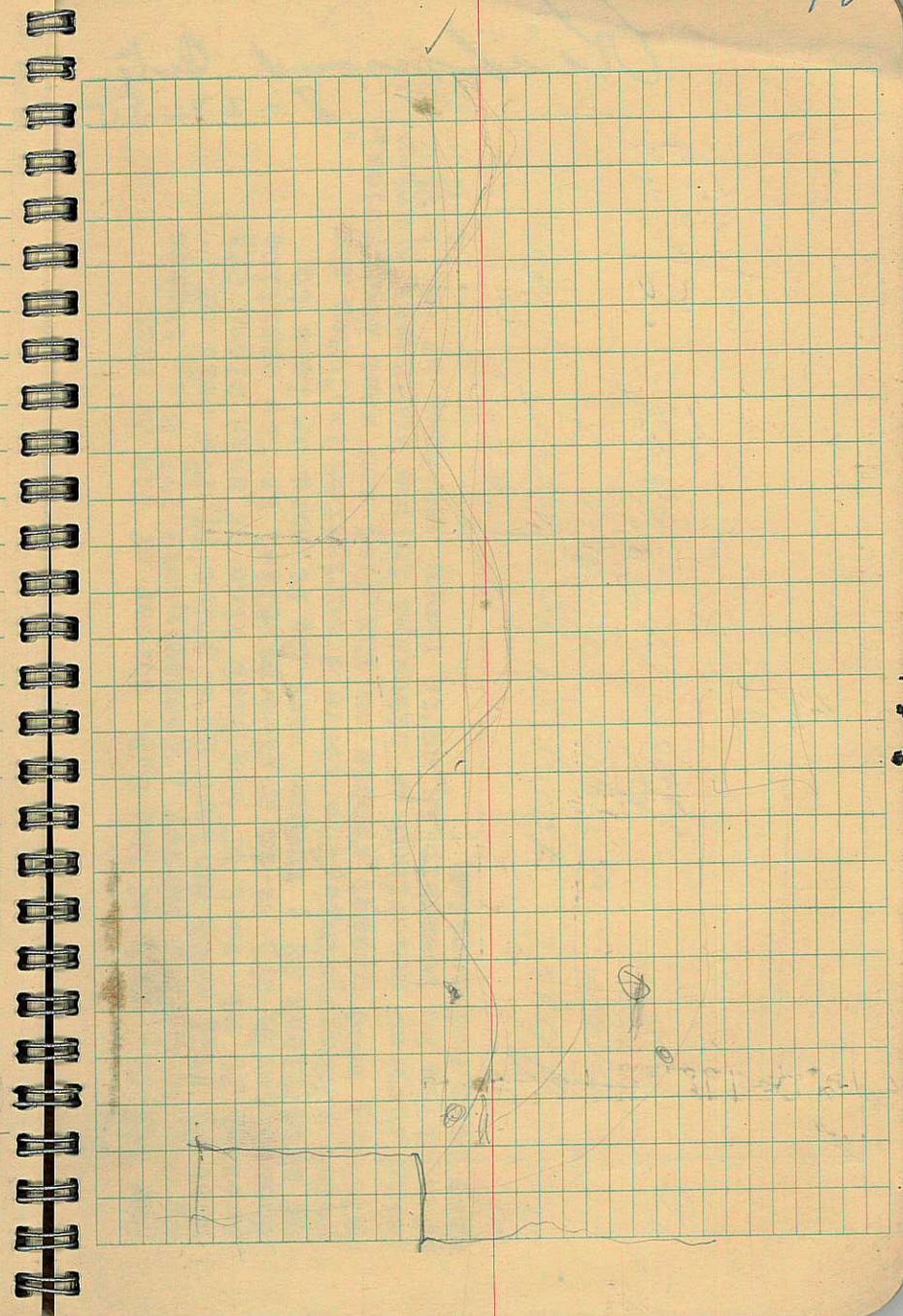
ALL OF LOTS 7 & 8 SEC 31 T 11N R4E;
20.70 ACRES.

2640
<hr/> 1990.56
849.94
<hr/> 452.98
384779.312

452.98
1990.56
30.166
<hr/> 452.98
341.56
<hr/> 111.42

2640
341.56

43500 | 901459.40 | 20.70 AC.



Richmond City

8-27-55

55
198
277

330

66
36
63
265

330

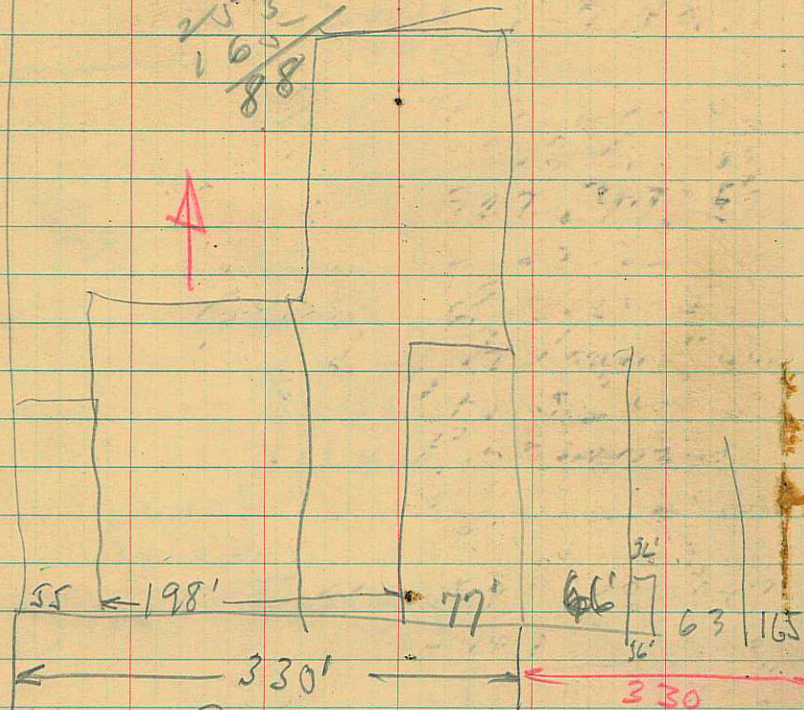
198
55

253
253

88

198
55

253

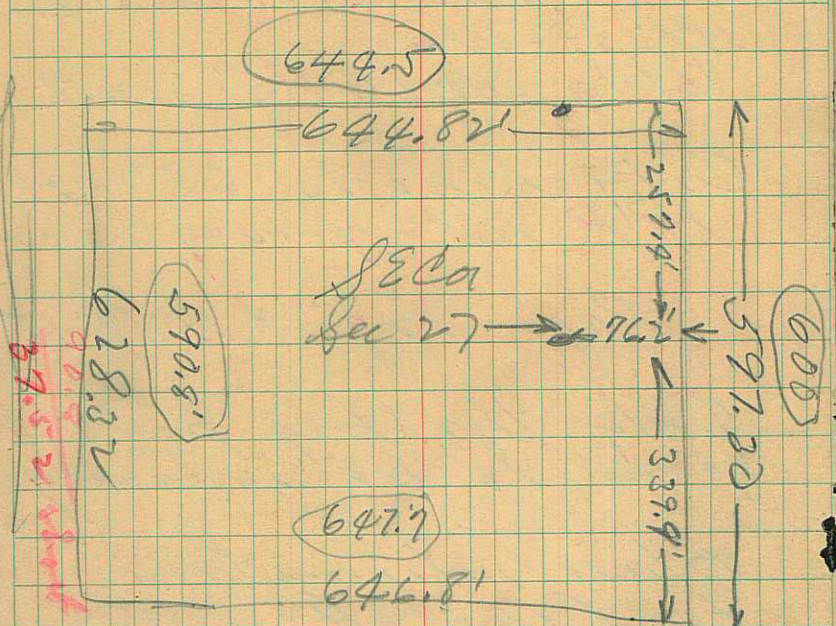


Page 38-g 1471 B 15

Beg 166 ft. east of the S.W. corner of Blk 22 Plat A, Richmond City Survey, thence north 175 ft., thence east 84 ft.; more or less to a point 77 ft. west of a point 20 rds west of the east line of said block 22; thence south 175 ft in a line parallel to the eastline of said block 22; thence west 84 ft more or less to point of beginning. The above description includes the existing wood picket fences on the east and west boundaries. Being further described as situated in the southwest quarter of section 26 township 14, north range one east of the Salt Lake base and meridian

Above description covers Dead
from 12 Cyril Monson to
Ross H. Plant

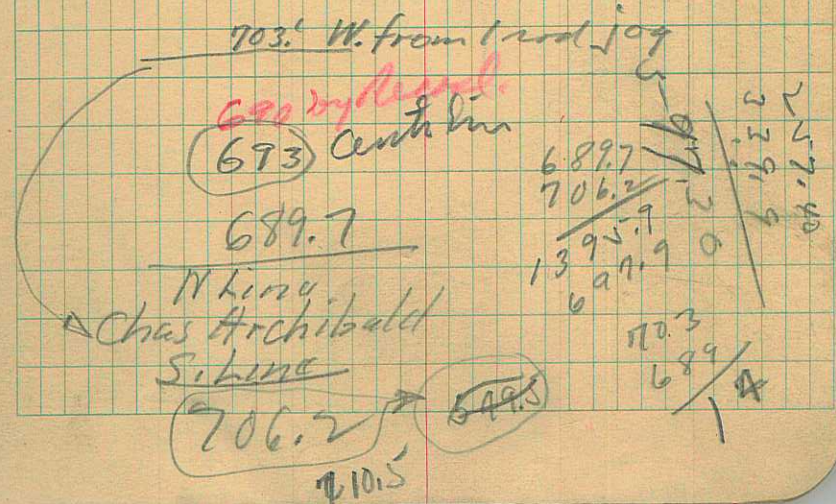
Murray Archibald
Page 60968 Walkerville 9-13-55
WARRIW



Also E 933 - E 947 - E 979 - E 980

7-8-57
2164.14 N to Laura Archibald
1987.42' N to SE Co
Seth P. Lewishman

Page 73
E 989-992-993-995-996-997
990 999-1000-1001



W. line
Chas Archibald
S. line

689.7	277.40
706.2	339.9
1395.9	617.3
697.9	0
689.7	0
703	0
689	0
14	0

9-21-55

Tri-Miller Packing

Bldg. 86.5' S. from R.R.
Rt. 7-way.
Bldg extends 85' South

City line is 65' at
R.R. Rt. 7-way

Page 129 of 11 NR 1E

Only the hog pens
seem to be in County

Above information
for County Assessor

5

67334

403

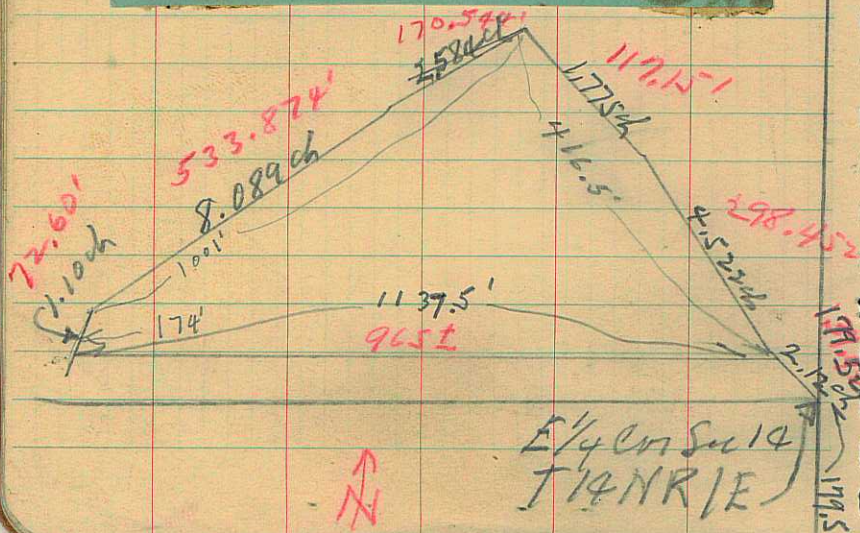
Erastus Johnson 9-29-55
to Cache County
Page 19 of 14 N.R.I.E

G102 ERASTUS JOHNSON
COVE, UTAH.

BEG AT E $\frac{1}{4}$ COR OF SEC 14 T 14N R 1E
N 51°35' W 2.72 CH S 13°55' W 4.522
CH N 32°20' W 1.775 CH S 66°30' W
2.584 CH S 67°15' W 8.089 CH N 40°
06' W 1.10 CH S 86°10' W 3.85 CH

South

S 45°15' W 5.80 CH S 11°20' E 12.62
CH S 23°40' W 4.03 CH E 23.70 CH N
20.06 CH TO BEG CONT. 55.71 AC LESS
0.90 AC CONVEYED TO THOMAS
HENDRICKS TOTAL 54.81 AC



16

Beg at 113.5' Nord 141.1 ft
W from E $\frac{1}{4}$ Corner

G102A LORIN A. HENDRICKS,
RICHMOND, UTAH.

BEG AT A PT IN E BDRY LINE OF CO RD
BEG AT A PT IN E BDRY LINE OF CO RD 14N
20.18 CHS W OF E $\frac{1}{4}$ COR OF SEC 14 T 14N
R 1E S 45°15' W 5.80 CHS S 11°20' E
12.62 CHS S 23°40' W 4.03 CHS
M OR L TO A PT IN S LINE OF N $\frac{1}{2}$ OF SE $\frac{1}{4}$
W 1.50 CHS TO W BANK OF RICHMOND IRR.
CANAL SW'LY DIR. FOLL SD CANAL 7 CHS
M OR L TO A PT IN E & W LINE THAT IS
23 RDS S OF S LINE OF N $\frac{1}{2}$ OF SE $\frac{1}{4}$ W 44
RDS TO A PT IN THE N & S CEN LINE OF
OF SD SEC N 11 $\frac{1}{2}$ FT M OR L TO A PT THAT
IS 22 RDS & 5 FT S OF NE COR OF SE $\frac{1}{4}$ OF
SW $\frac{1}{4}$ W 22 RDS N 42 RDS NE'LY IN STRAIGH
LINE TO A PT 38 RDS N OF NE COR OF SE $\frac{1}{4}$
OF SW $\frac{1}{4}$ N IN N & S CEN LINE OF SD
44 RDS M OR L TO CEN OF SD SEC N 5.05
CHS N 73°35' E 26.60 CHS S 23°38' W IN
E BDRY LINE OF SD RD 13 CHS TO A PT
M OR L 19.51 CHS W OF AP .68 CHS N
OF E $\frac{1}{4}$ COR OF SEC 14 S 45°15' .92 CHS
TO BEG. EXCEPTING 2 ACRES TO RICHMOND
CITY 72.37 ACRES

1137.5'
141.1'
280.6'

2-50

45

30.6,

01291

Page 19 of 14 NR

Corner at a pt 112.5' N 94.1.1'

W from th E 1/4 corner of

Sec 14 T14 N R1 E 17

S 2 13 4 279 4 running

thence N 130.55' W 4.522 ch

th 27 220 20' W 1.775 ch, th

S 660 30' W 2.584 ch th

S 670 15' W 8.089 ch, th

N 40° 06' W 1.10 ch, which

pt is in th N line of th

Thyges & Dandwich lot 7-2004

th E 11.37' more or less along

N line of same right of way

& the pt of deep cut in road

5.10 ± cont.

385	
300	
115500	4201
<hr/>	
597500 ft.	327200
620	163625
<hr/>	
375	



22

E 1/4 Cor Sec 14
T14 NR 1 E

5611

Page 289 697 11171 E

B884 VERNON KREASIE

PT
SUR
RDS
OF
OF 1

Survey located
of the Salt
set West from
feet; thence
said fence to
- South fence
- Southeastly
North from the
South 166 feet to the
point of beginning. Containing in all 1.52 acres, more or less.

Part of Lot 12, Block 34, Plat "A" Providence Farm Survey, described as follows:

Beginning at the Northeast corner of said Lot 12, and running thence West 20 rods; thence South 40 rods, more or less to the North line of the South half of said Lot 12; thence West 203 feet; thence Southwesterly along an existing fence 184 feet to a point which is 91 feet East and 832 feet South from the Northwest corner of said Lot 12; thence East 262 feet; thence Northeastly 78 feet to a point in La which is 272 feet West and 768 feet South from the point of beginning; thence East 172 feet; thence South 166 feet; thence East 100 feet to the West line of the County Road; thence North in the West to line of said County Road 934 feet to the place of an beginning.

line; thence South 184 feet; thence East 262 feet; thence 78 feet to a point which is 173 feet West and 166 feet North from the point of beginning; thence East 173 feet; thence South 166 feet to the point of beginning. Containing in all 1.52 acres, more or less.

Land 900. 4191 South of last measurement to Baer Prop

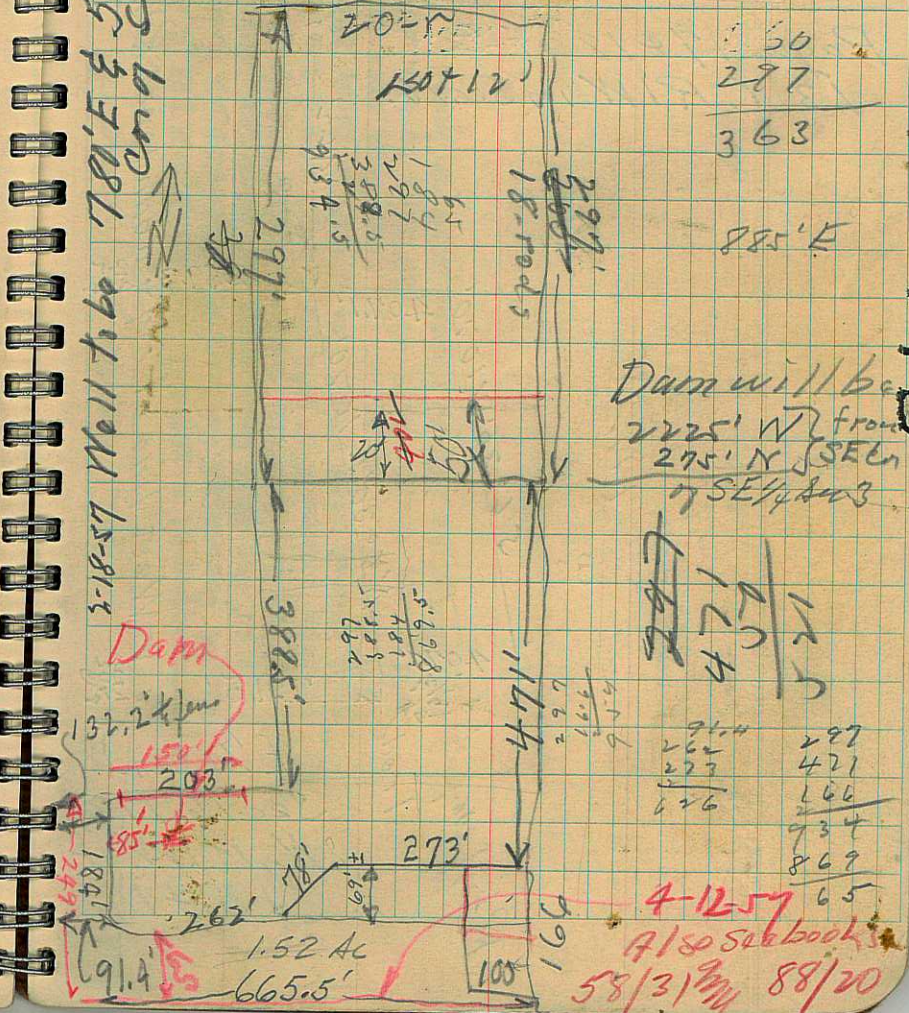


B1155 VERNON KREASIE

PROVIDENCE, UTAH

BEG AT PT 2.90 CH E OF SW COR OF SE 1/4 SEC 3 T 11 N R 1 E ON SEC LINE 40 RDS N 4.25 CH ELY 40 RDS TO A PT 4.65 CH N OF BEG S 4.65 CH TO BEG 4.50 AC

1781'E & 525' N from S 1/4 Sec 3 T 11 N R 1 E



150
277
363

885'E

Dam will be
2225' W from
275' N S E 1/4 Sec 3 T 11 N R 1 E

297	297
326.5	421
184	166
869.5	734
	869
	65

4-12-59
Also sub book
58/31/20 88/20

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2-98-56
2-99-56
2-100-56

B884 VERNON KREASIE
PROVIDENCE, UTAH

PT
SUR
RDS
OF

Vernon Kreasie to Chas. Miller

... a point in the West line of a County Road which is

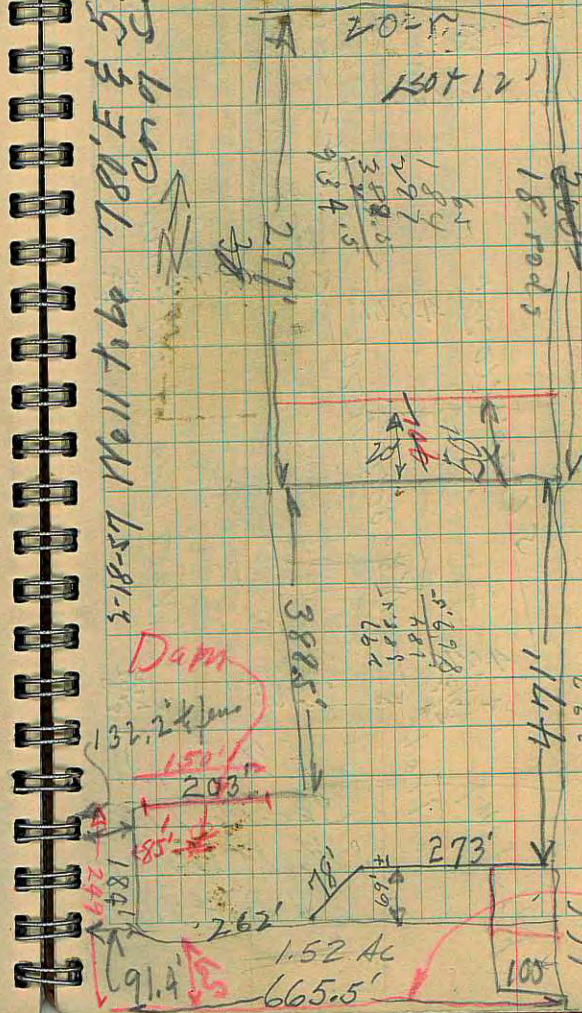
Vernon Kreasie to Charles Miller, Jr.

Part of Lot 12, Block 34, Plat "A", Township 11 North, Range 1 East of the Salt Lake Base and Meridian, described as follows:

Beginning at a point which is 934 feet South and 100 feet West from the NE Corner of said Lot 12, and running thence West 565.5 feet; thence an East - West fence line; thence North 249 feet along said fence to line; thence South 184 feet; thence East 91.5 feet to a North - South fence 78 feet to a point which is 173 feet West and 166 feet North from the point of beginning; thence East 173 feet; thence South 166 feet to the point of beginning. Containing in all 1.52 acres, more or less.

Land goes 419' South of East main

3-18-57 Well to be 781'E & 575' N from SW 1/4 E on 9 Sec 3 T11N R1E



B1155 VERNON KREASIE
PROVIDENCE, UTAH

in SW 1/4 Sec 3 T11N R1E

BEG AT PT 2.90 CH E OF SW COR OF SE 1/4 SEC 3 T 11N R 1E E ON SEC LINE 40 RDS N 4.25 CH WLY 40 RDS TO A PT 4.65 CH N OF BEG S 4.65 CH TO BEG 4.50 AC

160
297
363

885' E

Dam will be
2225' W from
275' N SE 1/4 Sec 3

297	287
471	421
450	166
521	934
	869

4-12-57 65
Also see book
58/3/24 88/20

Page 284 697 11 NR 1 E

B884 VERNON KREASIE
PROVIDENCE, UTAH

PT
SUR
RDS
OF

Vernon Kreasie to Chas. Miller

Beginning at a point in the West line of a County Road which is 247 feet South from the NE Corner of Lot 12, Block 34, of Plat "A", Providence Farm Survey, and running thence West 20 rods; thence South 438.5 feet; thence West 203 feet; thence Southwesterly along an existing fence 184 feet; which point is 91 feet East and 585.832 feet South from the NW Corner of said Lot 12; thence East 262 feet; thence Northeasterly 78 feet to a point which is 272 feet West and 521 feet South from the point of beginning; thence East 172 feet; thence South 166 feet; thence East 100 feet to the West line of said County Road, which point is 687 feet South from the point of beginning, situated in the SW 1/4 of Section 3, Township 11 North, Range 1 East of the Salt Lake Base and Meridian, containing in all 5.03 acres, more or less

ARM
40
N#

AT A
LY
BEG
EG
NT.

OF
E 20
LE

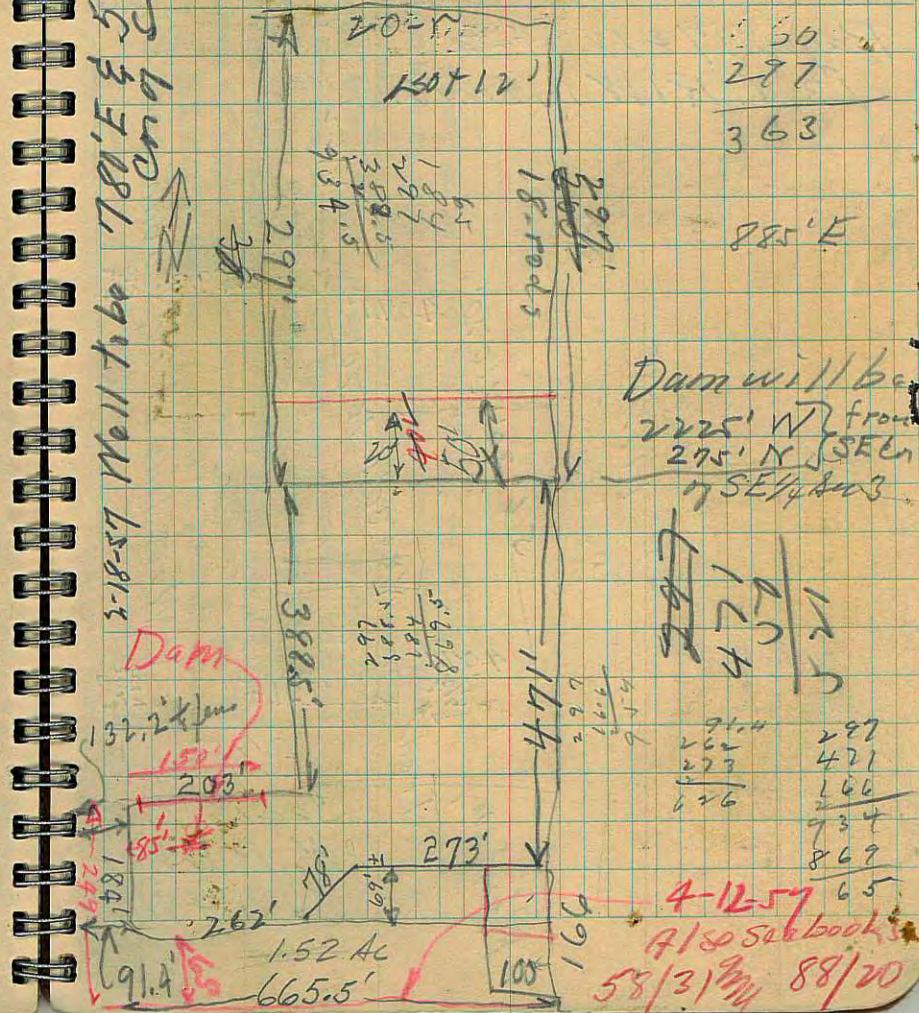
Land goes 4191 South of last measurement to Bass Prop

3-18-57 Well to be 780' E & 575' N from SW 1/4 on 9 Sec 3 T 11 N R 1 E

B1155 VERNON KREASIE
PROVIDENCE, UTAH

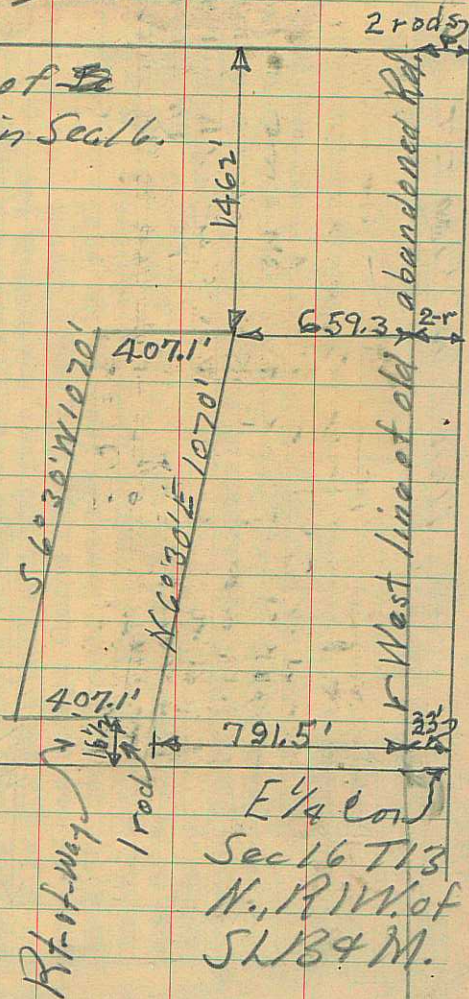
in Survey Sec 4 T 11 N R 1 E

BEG AT PT 2.90 CH E OF SW COR OF SE 1/4
SEC 3 T 11 N R 1 E ON SEC LINE 40 RDS
N 4.25 CH WLY 40 RDS TO A PT 4.65 CH N
OF BEG S 4.65 CH TO BEG 4.50 AC



Cache Co. Gravel pit
 purchased from
 Lamont W. Benson & wife Jennie H.
 and
 Vernace Benson & wife Emma A.
 for \$2000⁰⁰

Page 17418 of ~~2~~
 13 N. R1W in Sec 16.



Deed prepared 10-29-55

Commencing at a point 1 rod North and 824.5 feet West from the $\frac{1}{4}$ Corner of Section 16, Township 13 North, Range 1 West of the Salt Lake Base and Meridian, which point is in the West line of the present Cache County gravel pit, and running thence N 6° 30' E 1070 feet along the West line of said gravel pit; thence West 407.10 feet; thence S 6° 30' W 1070 feet to a point 407.10 feet West from the point of beginning; thence East 407.10 feet to the point of beginning, containing in all 10 acres, more or less.

791.5
 23
 824.5

393.5
130
 1180.50
393.5
 5115.50

393.5
133
 1180.5
1180.5
393.5
 5733.5
5177.15
 51393.5
 564.0

393.5
132
 7870
10805
393.5
 509420

393.5
132.5
 19675
7970
10805
393.5
 514875 5114875

329.80
130
 199.85
263
 59955
119910
39970
22
 52560.55 329.85
51155 133
 1405 196.85
263

329.85
1320
 197.35 59055
118410
393.70
 5177155

197.85
263
 59355
118710
39570
12
 5103925
509420
 825

393.5
132.5
 19675
7870
11805
393.5
22
 52138.75
51703.00
 235.70

197.35
263
 59205
118410
39470
22
 51903.05
238
189
 427
213.5
 656.5

Burdett Cornish
 Zebina Cornish
 3560 }
 Clair O Allen
 Benton S Allen }
 140162.75 (3.21)
130680
 94827
87120
 77075

367' W. from Lane to fence North
 665' W. " Lane to fence South

11-12-55
 Sta Rod HI Elev
 BM^{#1} 3-48 103.48 100.00 Product

BM^{#2} 6-05 97.43

S. edge Rd 4-39 98.64

N edge Rd 4-78 98.70

S. Creek 13-13 90.35 40

NPK 9-45
 14.45 89.03 2-00-

Fence, East South 252.
 BM is 7' tall fence
 34' to North fence

angle from North point to
 road going west N73° 29' W
 L from North point to
 East fence N74° 15' E 1252'

Present bridge - 28' over
 creek at bridge S edge 18'
 Bridge going South 20' clear

County Road Bridge 23
 site at pt. approx. 1/2 mile E. of church
 at post on N. side of Rd.
 at post on S. side of Rd.

Bot. of Creek South of Road

Bot. of Creek North of Road

to Spring from Reservoir 320'
 N 70° Vert. 32° 40' L Left +100'
 To McCarrey house
 Vert = 4° 45' 96° 30' Rt 560'
 to barn
 30° 30' = Vert 33° 20' Lt 482'

LeRoy C. Funk ✓
1-13-56
2.5 miles

No. 1 0.14 cfs = 0.177 cfs from W.

No. 2 0.16' = 0.216 cfs from E

0.36 = 0.735 cfs total of both + Spring

approx 40 in summer

50' - 2" pipe 200' ± 1/2" pipe

4' - 9" x 4' - 9" concrete box

4' dia manhole iron pipe 6' deep
is sunny or collection box
1' drag for 100' in 2" pipe

L	.177	735
	<u>216</u>	393
	.393	<u>342</u>

LeRoy C. Funk Well

0.19 cfs. = Irrig

0.10 cfs. = Stock watering

0.05 cfs = Domestic

24

From pt 37' S + 100' W of N. corner of
milk house go 125' SW to Spring
for LeRoy Funk Spring

above Spring is 125' W + 167'

S of NW corner Milk house

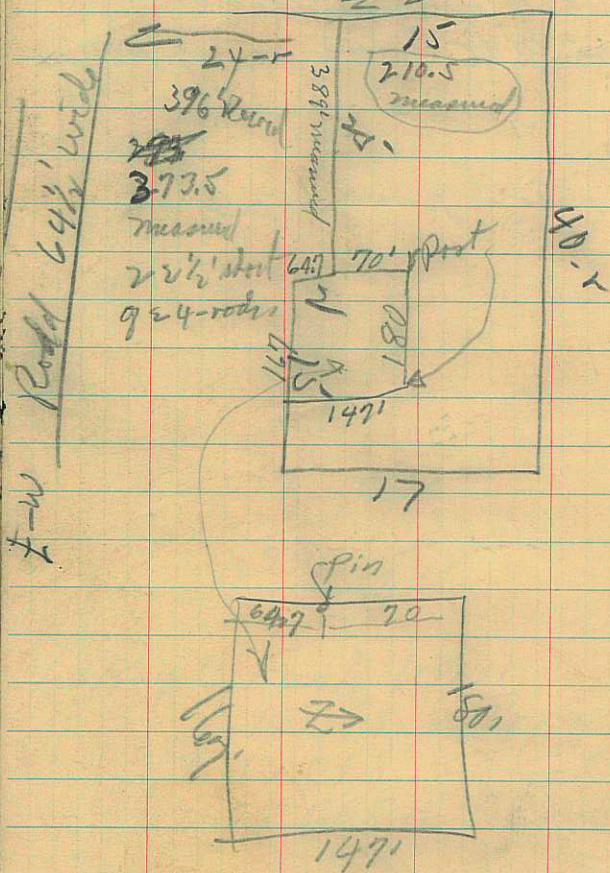
also 225' W to house using 250' pipe

2" pipe

See page 23

C L Allen ✓ L-13-50
 Page 16 of 19 NRIK

249 - 396'
 157 = 247.5'



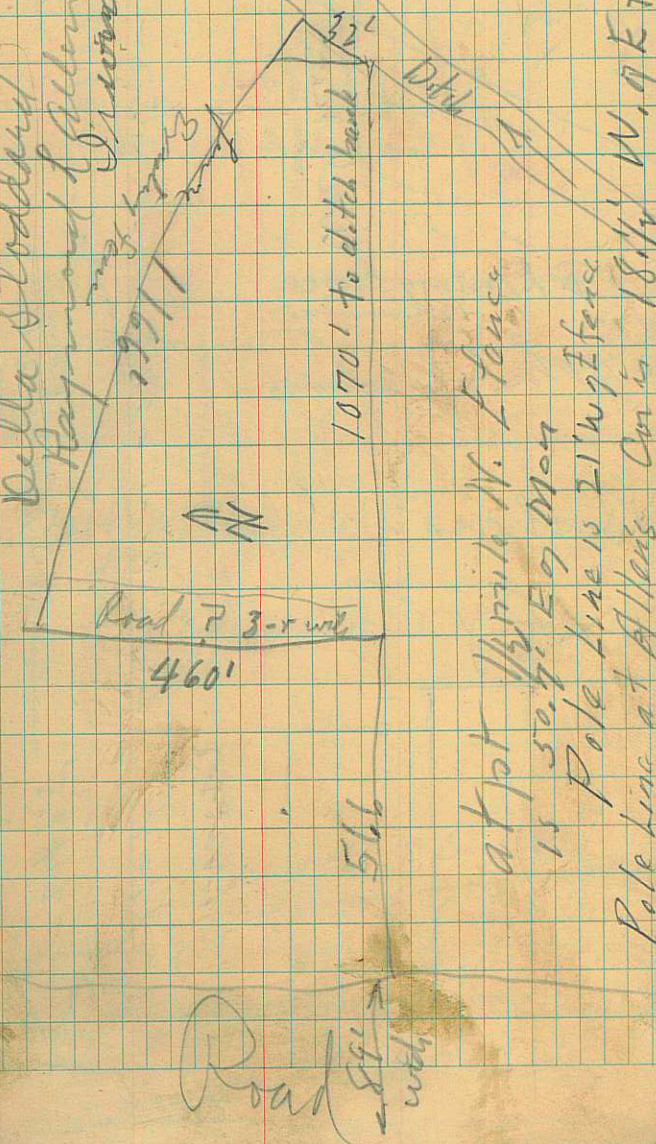
Della S Stoddard & Lawrence G Allen
 Husband & Wife

Della Stoddard
 Raymond G Allen
 Mrs. L. Stoddard

396
 22.5
 373.5

189
 214
 210.5

See page 27
 See file for
 C L Allen

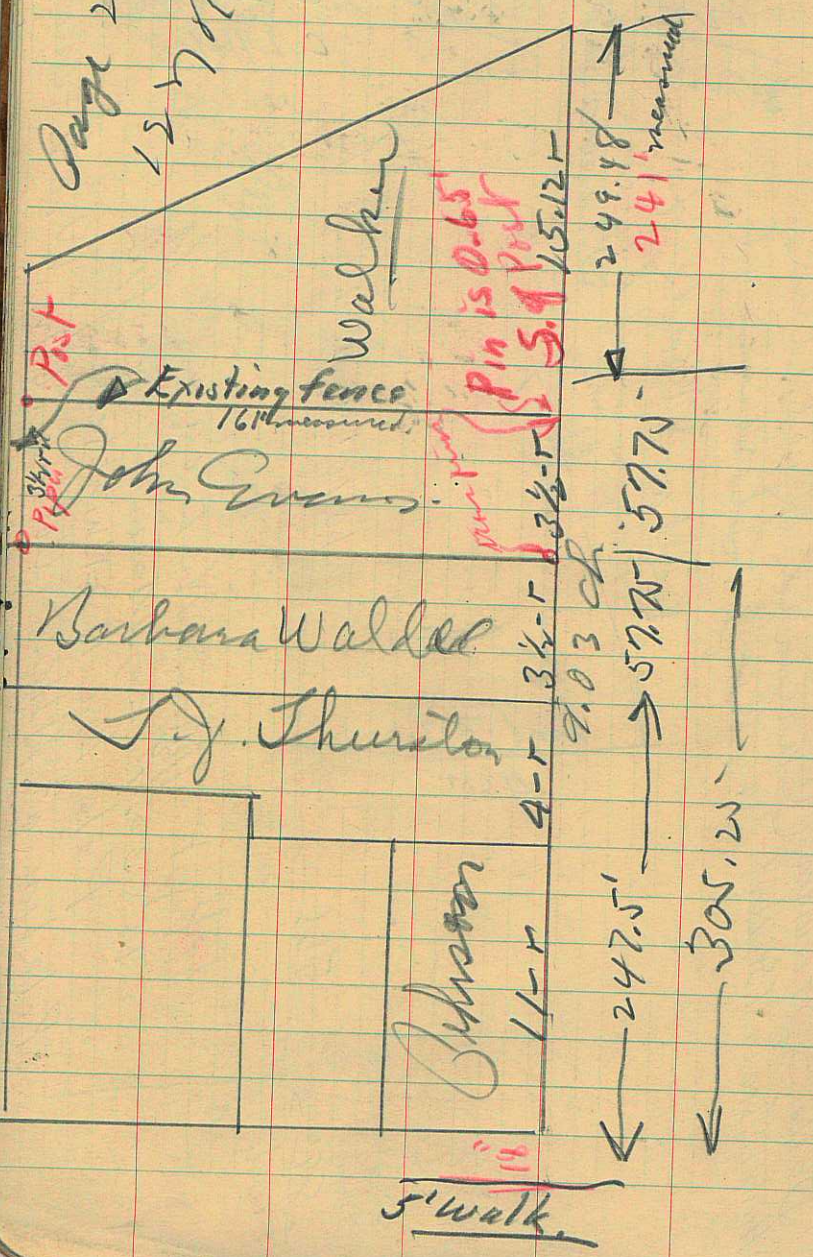


Road 89' with

See page 27
 See file for
 C L Allen

Page 210
1277K

1-16-56



15.12

$$3.5 \times 66 \times 9.03 \text{ ch} = 595.98$$

$$\frac{37.12 \times 16.5}{2} = 306.48$$

$$37.12 \times 16.5 = 612.48$$

$$\begin{array}{r} 247.5 \\ 57.70 \\ \hline 15.20 \end{array}$$

Geoff Per. 1729W
Office 601

D2792 JOHN G. & LOU JEAN C. EVANS
157 NORTH 5TH EAST
LOGAN, UTAH
BEG 18 1/2 RD N OF INTERSEC W LINE 5TH
E ST & N LINE 1ST N ST BLK 22 PLAT
A LOGAN FARM W 10 RD N 3 1/2 RD E 10
RD S 3 1/2 RD TO BEG IN SEC 34 T 12N R
1E
OK

D2792A BARBARA T. WALDEE
P. O. BOX 634
TOOELE, UTAH
BEG 15 RD N OF INTERSEC W LINE 5TH
E ST & N LINE 1ST N ST BLK 22 PLAT
A LOGAN FARM W 10 RD N 3 1/2 RD E 10
RD S 3 1/2 RD TO BEG IN SEC 34 T 12N R
1E
OK

Morris & Harold Hansen

2087

727.8' width

1921.5-

2232.5-

1331.5

2 4008.5-

1319.5-

2087

727.8

2004.25

Morris

727.8

2 4319.5-

603.7

727.8

591.7

2159.25-

591.7

1458693.150 = 33.48 Ac

597.7

2 11954

29.63

1290882.575 =

597.7

3.85 Ac diff

29.63 Ac

~~43560~~

2095

1319.5

1331.5

~~385~~

1921.5

7065

7065

2087 | 167706.00

2 4016.5

6130

6250

2008.25-

706.5

18.6

1418828.625 =

63.2

32.57 Ac

2

16.6 ² Go - 21.3' North

30.63

18.3

1.94 Ac diff

5' walk

2095
 19.210
 4016.5

2008.25
 2008.25
 686.5

10041.25
 12049.50
 16066.00
 12049.50

1379163725
 706.5
 31.65

43560 / 1379163.725
 130680

72363
 43560
 288030
 264360
 206700

5' walk.

43560
 192
 2008.25
 871.20
 393040
 40175.20

20.5
 40175.20
 401650
 10200

1.94

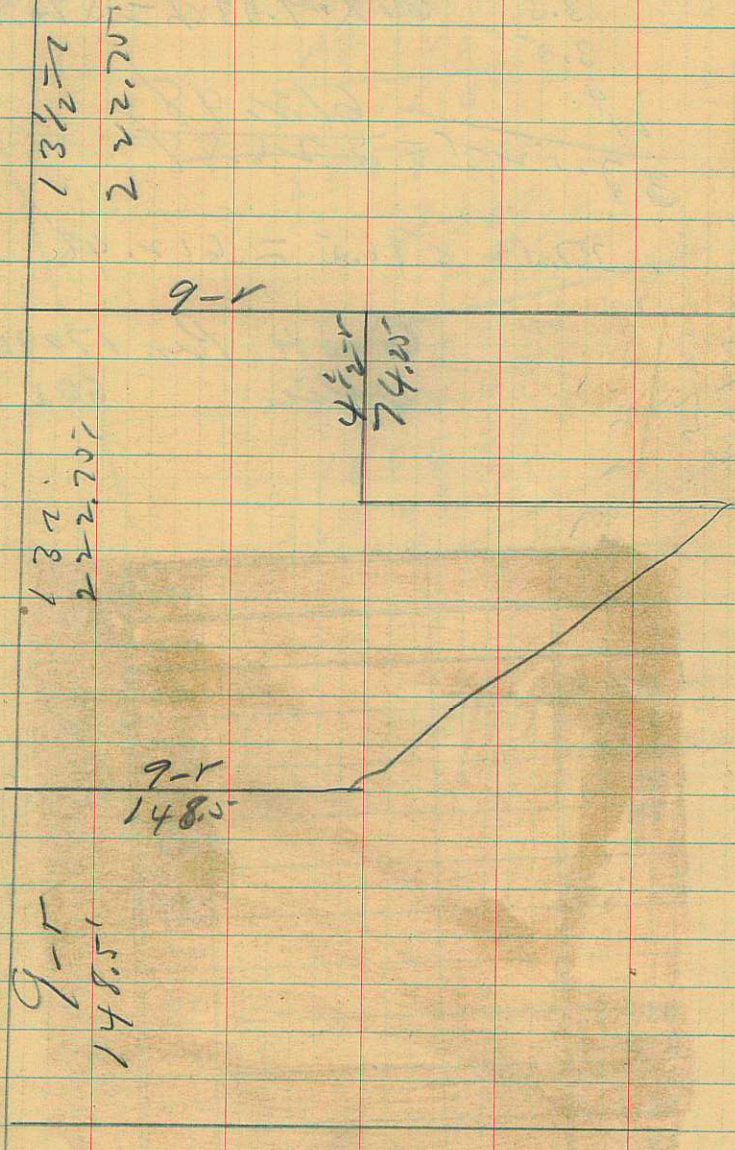
43560
 11880
 686.3

990
 1980
 0880
 110

10470
 10420
 15225
 2095

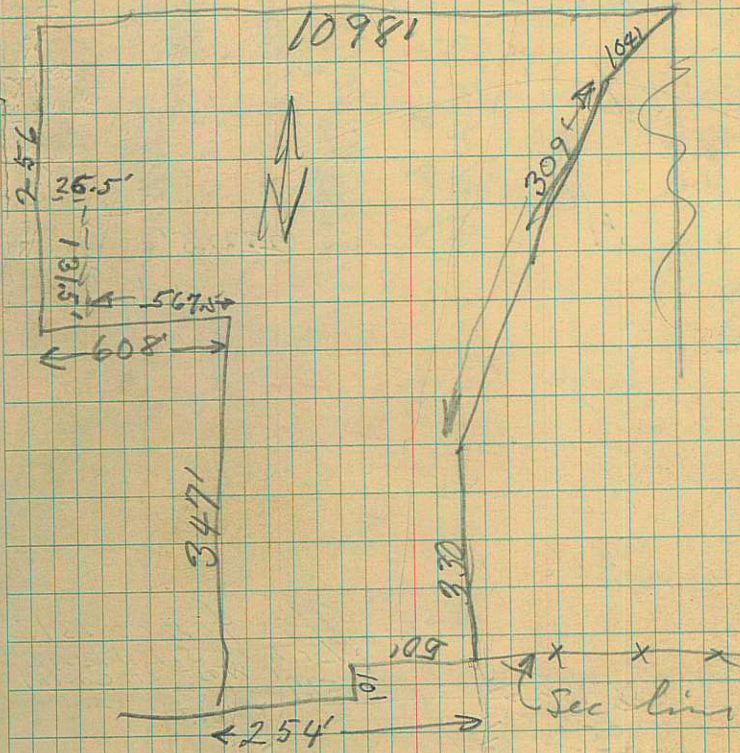
-25

3-15-56
L.D.S. 3rd Ward Church



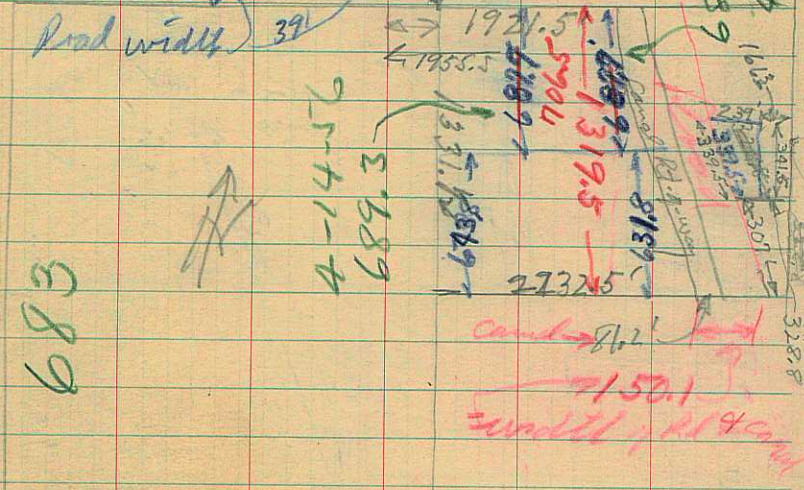
See page 25
7-6-56

Clair C Allen.

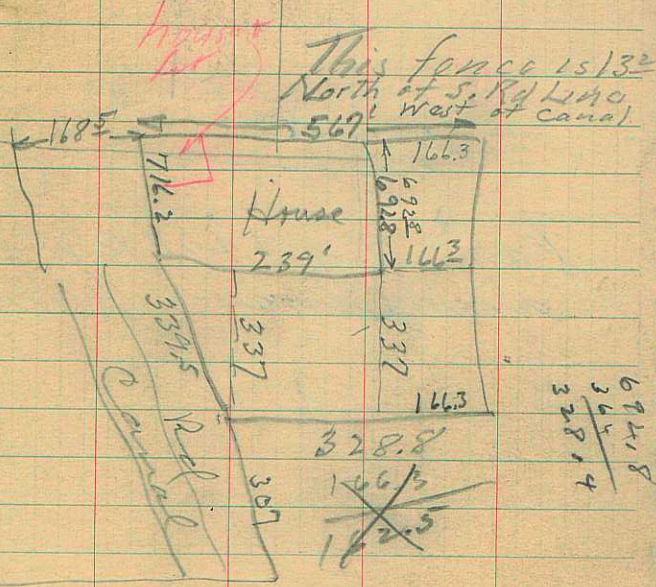


Page 16 of 14 NRIC
and Clarence Allen file

Page 36 - 13N RW 4-2-54
 Harold E Morris Hansen
 1/4 Cor Sec 24

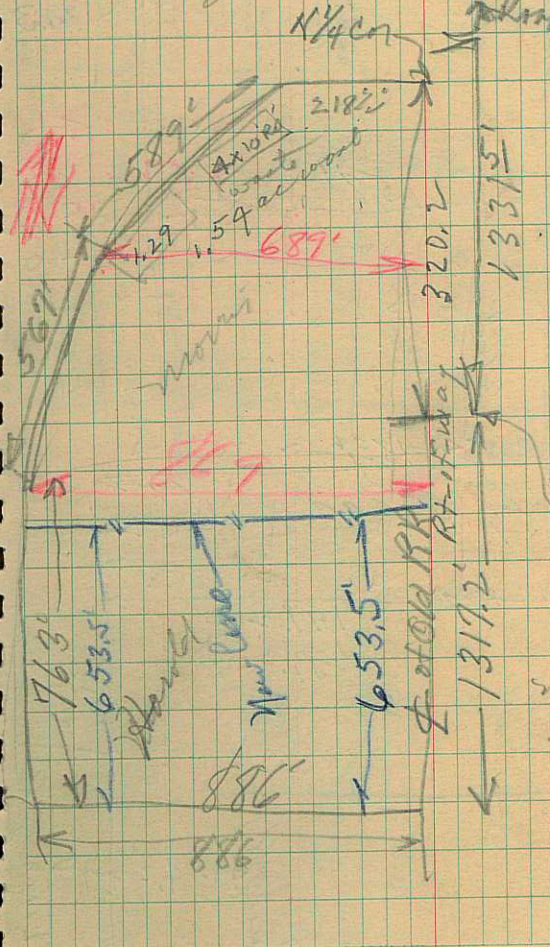


683



Harold E Morris 28

1888.5' from W. Rt-of-way of Canal
 at NE Cor of field to E Line
 of old RR Rt-of-way
 1955.5' from NE Cor above
 to W Line of old RR Rt-of-way
 Δ E of Road is 337' N-S

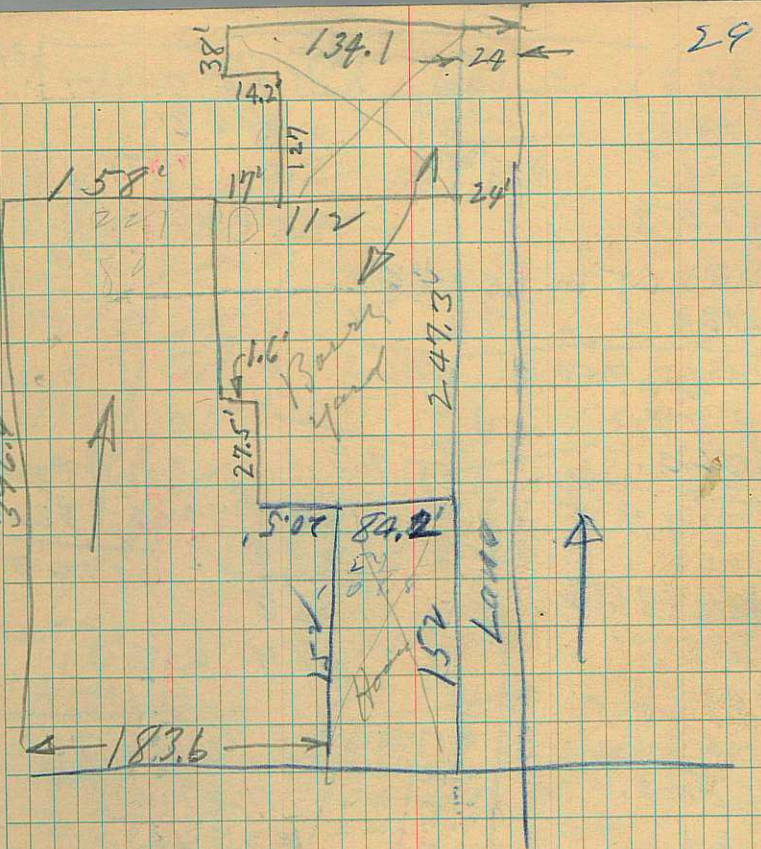
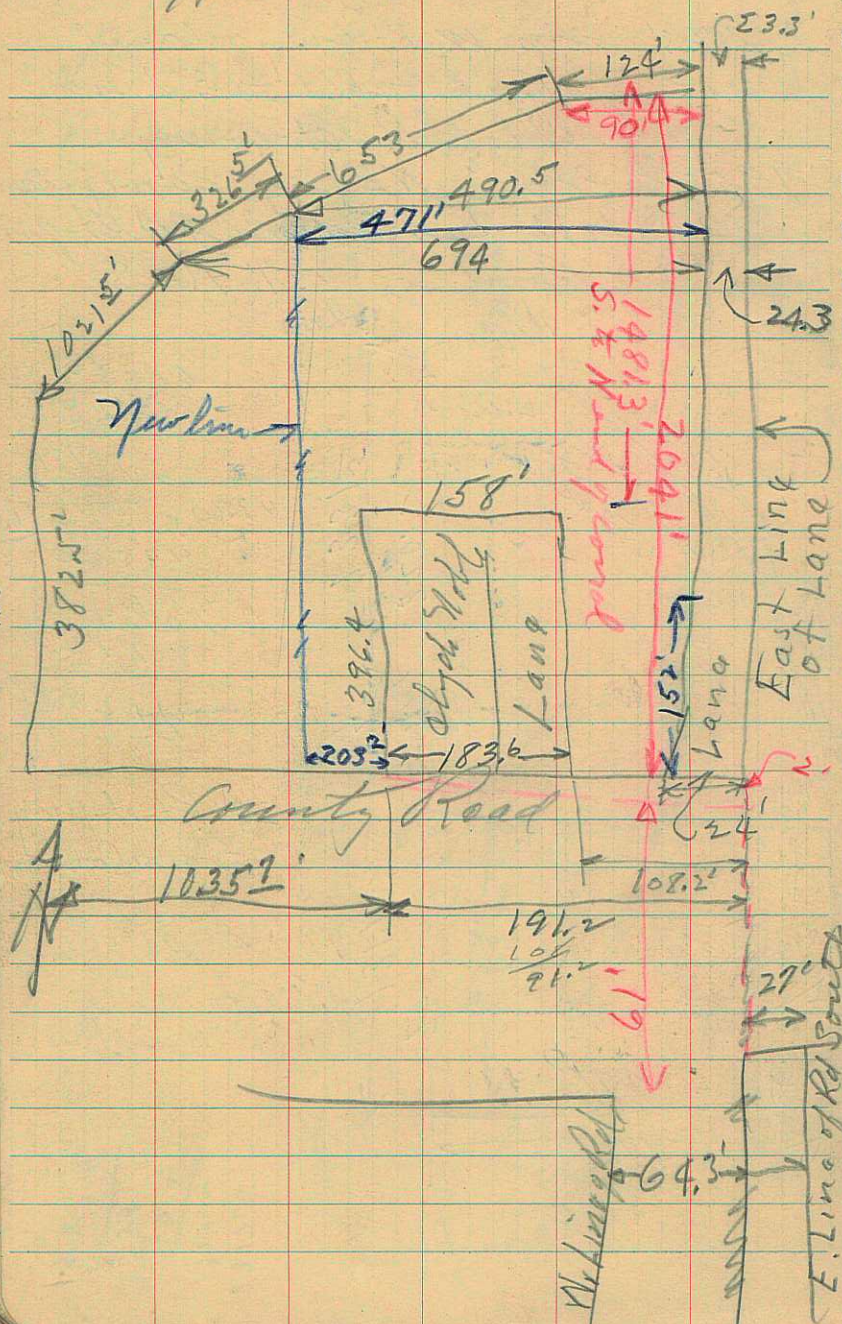


600	56
132	
188	
94	
260	
43560	56400 (112)
43560	9
128400	
87120	
412800	
872540	

20' Rt-of-way
 from Cor. S.
 2nd Rt of way
 north along
 RR Road Bed

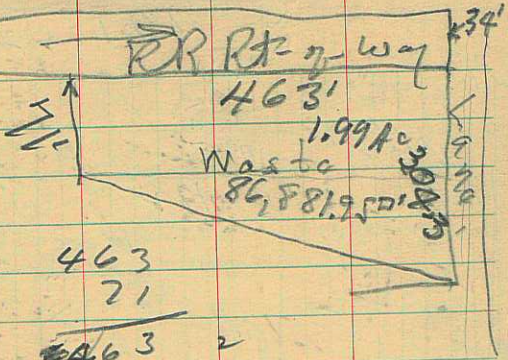
1317.2	4
320.2	
1637.4	
653.5	
984.4	

Harold & Morris Hansen



$$\begin{array}{r} 15.8 \\ 20 \\ \hline 159.6 \end{array}$$

$$\begin{array}{r} 84.2 \\ 183.6 \\ \hline 267.8 \\ 291.4 \end{array}$$



304.3
 71
375.3
 187.65
463
 56295
 112590
 75060
86881.95

463
 71
463 2
 3241 4
32873
 658
670
 2082
 2232.4
43145
 1328
 55664
 2157.25
 664

86881.95
 43500
1926.5
 2082
4003.5
 2001.75
661.5
 1000875
 200175
1201050
 1201050
1324157.625
 1324157.62

194
 86881.95
 43500
27219
27219
27219
 862900
 1294350
 294350
1432414.00
1324157.62
 108256.38
 25.09
54129.19
 2082
7164
 12488
 10410
20481

304.3
 71
375.3
 187.65
463
 56295
 112590
 75060
86881.95
 12999
 9322
221
 1080
 580089
 32873
90881.9

1926.5
 2082
4003.5
 2001.75
686.6 3
 1201050
 1201050
 1601400
 121050
283601.550
 283601.550

661.5
 24.1
686.6
 1331.0
686.6
 644.9
632.9
 632.9
2253
 2082
 4325.5
 2152.75
638.9

997.5
 463
534.5
 1722200
 645825
1291650
 1375391975
 997.5 to S and
 7 RR Rte.
 534.5 SE 29.1E

~~334~~
~~334~~ ← 334
 10369
 9309
 310
 22 AC
 997.0
 6877
 334.5
 31
 3345
 10035
 10369.5
 46
 997.5
 463
 2.15 AC
 997.0
 463
 534.5
 30
 16025.0
 687.7
 463

10892.9
 16463.7
 13515
 15237.0
 56118.6
 43560
 125586
 97120
 3846.60
 348480
 36190
 310
 30
 9500
 1.28
 1.73
 3.01

337224.7
 224.5
 337
 15715
 6735
 6735
 175656.5
 43560
 320963
 30920
 160450
 11035
 224.7
 30
 4740

403.8
 207.5
 20190
 28266
 8076
 8076
 9186450
 127.3
 175.2
 2546
 6365
 8911
 1273
 2230296
 9186450
 301
 262
 39
 12
 27

43560
 114167.46
 87120
 270474
 261360
 91140
 187.6
 463
 5628
 11256
 1504
 125
 160
 120.0
 160
 400
 320
 800
 1.998685883
 1.15

43560
 86881.95
 43560
 433219
 392040
 41179
 93623.65
 87120
 65036
 43560
 214765
 217800

43560) 93000
 87120

58800
 43560
 152400

43560
 1.93
 130680
 392040 1484) 40302 (129
 43560 3 2968

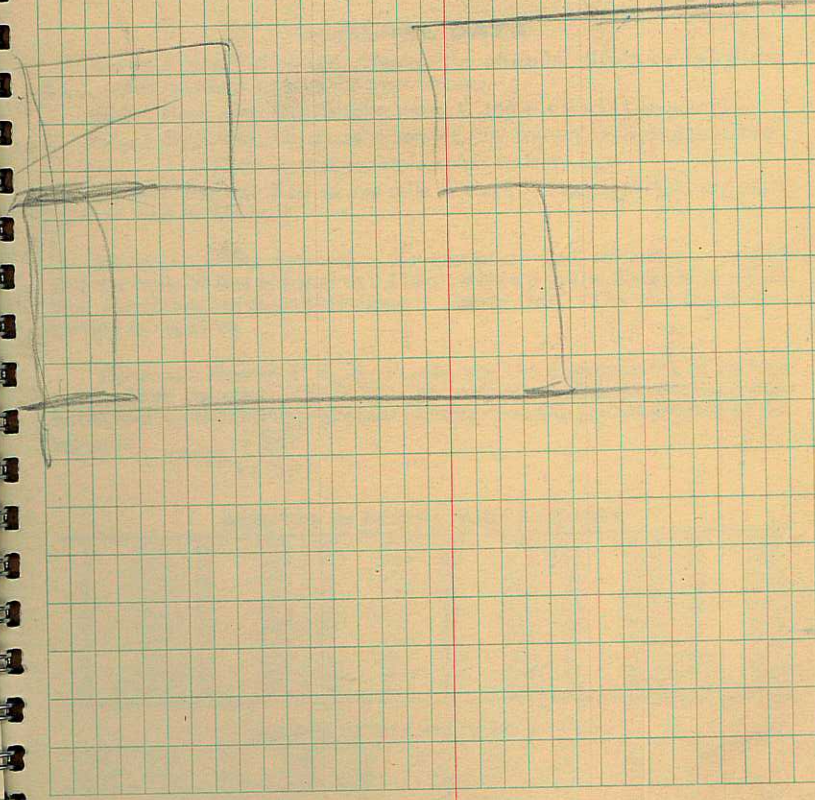
8407080 2087) 846870.80 (40.1
 8348

687.7
 40.1
 1331.5

18.87
 1484
 403
 727.8
 471.00
 27 471.00
 9.5 27.3
 29.52
 1325 5
 2385
 260 10.5
 16 42
 325 10.5
 16

1050
 325
 252
 262
 1887
 203.20
 127.50
 201.93
 201.10
 325
 16
 1950
 325
 2200
 260

Jan 3-6-83
~~Out in the morning~~
 morning
 8 AM Monday



7.90	W. end	9.60	9.23
9.60	D. end	8.4	
17.50		1.20	
<u>8.75</u>	8.4	8.70	
<u>4</u>	<u>6</u>	<u>4</u>	
8.35	7.8	9.15	
10.35			

CURVE FORMULAS

$T = R \tan \frac{1}{2} I$	$R = T \cot. \frac{1}{2} I$	Chord def. = $\frac{\text{chord}^2}{R}$
$T = \frac{50 \tan \frac{1}{2} I}{\text{Sin. } \frac{1}{2} D}$	$R = \frac{50}{\text{Sin. } \frac{1}{2} D}$	No. chords = $\frac{I}{D}$
$\text{Sin. } \frac{1}{2} D = \frac{50}{R}$	$E = R \text{ ex. sec } \frac{1}{2} I$	Tan. def. = $\frac{1}{2}$ chord def.
$\text{Sin. } \frac{1}{2} D = \frac{50 \tan \frac{1}{2} I}{T}$	$E = T \tan \frac{1}{4} I$	

The square of any distance, divided by twice the radius, will equal the distance from tangent to curve. very nearly.

To find angle for a given distance and deflection.

Rule 1. Multiply the given distance by .01745 (def. for 1° for 1 ft.) and divide given deflection by the product.

Rule 2. Multiply given deflection by 57.3, and divide the product by the given distance.

To find deflection for a given angle and distance. Multiply the angle by .01745, and the product by the distance.

GENERAL DATA

RIGHT ANGLE TRIANGLES. Square the altitude, divide by twice the base. Add quotient to base for hypotenuse.

Given Base 100, Alt. $10.10^2 \div 200 = .5$. $100 + .5 = 100.5$ hyp.

Given Hyp. 100, Alt. $25.25^2 \div 200 = 3.125$. $100 - 3.125 = 96.875 =$ Base.

Error in first example, .002; in last, .045.

To find Tons of Rail in one mile of track: multiply weight per yard by 11, and divide by 7.

LEVELING. The correction for curvature and refraction, in feet and decimals of feet is equal to $0.574 d^2$, where d is the distance in miles. The correction for curvature alone is closely, $\frac{1}{3} d^2$. The combined correction is negative.

PROBABLE ERROR. If d_1, d_2, d_3 , etc. are the discrepancies of various results from the mean, and if Σd^2 = the sum of the squares of these differences and n = the number of observations, then the probable error of the mean = $\pm 0.6745 \sqrt{\frac{\Sigma d^2}{n(n-1)}}$

MINUTES IN DECIMALS OF A DEGREE

1'	.0167	11'	.1833	21'	.3500	31'	.5167	41'	.6833	51'	.8500
2	.0333	12	.2000	22	.3667	32	.5333	42	.7000	52	.8667
3	.0500	13	.2167	23	.3833	33	.5500	43	.7167	53	.8833
4	.0667	14	.2333	24	.4000	34	.5667	44	.7333	54	.9000
5	.0833	15	.2500	25	.4167	35	.5833	45	.7500	55	.9167
6	.1000	16	.2667	26	.4333	36	.6000	46	.7667	56	.9333
7	.1167	17	.2833	27	.4500	37	.6167	47	.7833	57	.9500
8	.1333	18	.3000	28	.4667	38	.6333	48	.8000	58	.9667
9	.1500	19	.3167	29	.4833	39	.6500	49	.8167	59	.9833
10	.1667	20	.3333	30	.5000	40	.6667	50	.8333	60	1.0000

INCHES IN DECIMALS OF A FOOT

1-16	3-32	$\frac{1}{8}$	3-16	$\frac{1}{4}$	5-16	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
.0052	.0078	.0104	.0156	.0208	.0260	.0313	.0417	.0521	.0625
1	2	3	4	5	6	7	8	9	10
.0833	.1667	.2500	.3333	.4167	.5000	.5833	.6667	.7500	.8333