IF FOUND RETURN TO
ERWIN U. MOSER
P. O. BOX 454
LOGAN, UTAH

Miscellaneous

1-3 Dee Schvaneveldt Project
6-10 Lewiston Jr. High
11-12 Clair Allen
13 Leigh Wilkinson
14 Smithfield Ordinance

K & E
REG. U. S. PAT. OFF.

COLLEGE FIELD BOOK
360 B

Lewiston Jr High 15-16; 23-28
Trenton Walk 17-~~22~~ 16-21
Dr C.S. Daines 31
29- Lewiston ball Park.

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

NAME _____

CLASS _____ COURSE _____

Full

CHECKED 7-14-69

ERWIN U. MOSER
P. O. BOX 464
LOGAN, UTAH

Page	Subject
1-3	Dee Schvaneveldt Project.
6-10, 22	Lewiston Jr. High
11-12	Clair Allen
13	Leigh Wilkinson
14	Smithfield Ordinance
15-16, 23-28	Lewiston Jr. High.
17-21	Trenton Walk
31	Dr. C.S. Daines
29	Lewiston Ball Park
30	Richard M. Pitcher
31	Dr. C.J. Daines.

Full

K+E

COLLEGE FIELD BOOK

Shows the quality of the Paper and Engraving in the Standard K & E Field Books.

Includes information on various items in the K & E line of special interest to Engineering Students.

KEUFFEL & ESSER CO.
NEW YORK - HOBOKEN, N. J.
CHICAGO - ST. LOUIS - DETROIT
SAN FRANCISCO - LOS ANGELES - MONTREAL
Drafting, Reproduction, Surveying Equipment and Materials.
Slide Rules Measuring Tapes

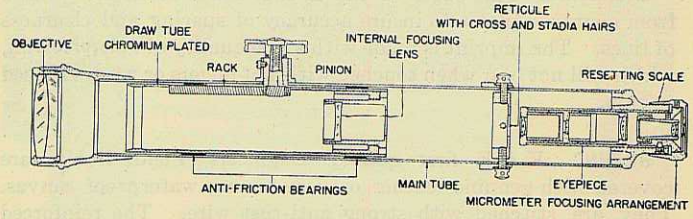
K&E SURVEYING INSTRUMENTS.

The line includes every type of instrument from the Precise Theodolite to the Builders' Level.

K & E Surveying Instruments are in use by the U. S. Coast and Geodetic Survey, the U. S. Geological Survey, the U. S. Engineers, the U. S. Army, the U. S. Navy, the U. S. Forest Service; by most State and Municipal Departments; by Engineers, Surveyors, Architects, Colleges and Schools.

Among the improvements which have created the wide demand for K & E Surveying Instruments, is the **K & E Internal Focusing Telescope** shown below.

The **K & E Internal Focusing Telescope** was first incorporated in K & E instruments in 1925 and is now standard construction on most transits and levels of the better grades.



One of the many advantages of this construction is as follows:

When the conventional type of telescope is focused by the movement of the objective lens, the volume of air in the telescope is changed, since air is pumped in or out of the telescope as the space within is increased or decreased by the change in position of the lens. Dust and moisture present in the air thus find their way into the telescope.

The illustration above plainly shows that the **Internal Focusing Telescope** has a one-piece main tube closed at one end by the objective lens, and at the other by the eyepiece. Focusing is accomplished by means of the internal lens, the movement of which does not change the volume of air within the tube, so that this type of telescope can be made practically dust and moisture proof.

Dee Schvaneveldt 1-2-3

Instat Stake No	Left	Left Double	Right	Right Double
17			90°44'	90°44'
20 ✓	99°54'	99°54'	~~99°54'~~	
21 ✓	63°02'			
21 ✓			97°33'	97°33'
23 ✓			96°13'	96°13'
24	101°25'			
24	255°37'			
24	286°05'			
25	~~198°11'~~		198°11'	
~~25~~				
25			22°19'	

180
25
2.5.5'

(1)

Looking S. in W. Rt of W line & Turn to Rt to Stake No. 20 West of # 17
Looking E to No 17 & Turn Left to Stake No. 21
Turn left from Stake # 20 to Telephone Pole # 4K in RR Rt of way Stake No 22 is in line with 21 from Stak No 20

Turn Rt from Station N 20
Looking to Stake No 23
Turn Rt Looking S. to Stake 24

Stake 24 Looking back to 23
Turn Lt to 25
Left Turn ~~Stake~~ Looking from Stake ~~23~~ ~~to~~ Stake 20

Lt. Turn from Stake ~~23~~ 25 to Stak 21 from position 24

Rt turn Looking at Stake 24 & turning Rt to 26

Rt turn Looking to Stake 20 from Stake 24

Inst. at Stake	Left	Rt
26		133° 12'
26		160° 55
26		106° 31'
28	17° 27'	~~172° 27'~~
28		190° 35'
28		167° 29'
28		169° 13'
30 + 24' North	38° 41'	~~38° 41'~~
		38° 41'

Rt turn from Stake 25 to Stake 28

Rt turn from Stake 25 to Stake 27

Rt turn from Stake 25 to 28 ~~27~~

Left turn from Stake 26 to 27

Rt turn from Stake 26 to 29

Rt turn from Stake 26 to 30 at corner of well

Rt turn from Stake 26 to well west of Stake 30

Left turn from 24' North of Stake ~~29~~ to 28. Or

136.6

4-23-53

6

Lewiston Jr High School

Walk Commence 3' out from Bldg line, 7' wide to driveway

Driveway 10' wide to service door at East & New Structure

Cover entire area from unloading platform at NE of New Bldg

Hard surface West & New Bldg for play area with planting strip against bldg & sidewalk to Rs.

Driveway will be on extreme west side.

225' from Sidewalk to N side of driveway.

Culvert to E. 6' span x 2' clearance

10/95

Rod	Elev	HI
Outlet of drain at East Juncn		
8.93	Invert of 8" tile	
	100.0	108.93
Out let of drain at pt 42' W		
9.23	99.7	0

Drain No 1 going So

Drain #	Rod	HI	Elev	BS	FS	
0+00	5.91	108.93	~~103.02~~			
old ditch	6.62		102.31	Bot. of drain		
0+24	6.10		102.83			
0+79						
1+00	6.10		102.83			
	6.83		102.10			
1+66	6.10		102.83			
2+00	5.40		103.53			
	6.20		102.73			
2+16	5.55		103.38			
	6.44		102.58			
3+00	6.00		102.73			
	6.80		102.13			
3+45	5.45		103.50			
3+85	5.85		103.10			
4+00	5.4		103.50			
4+28	5.4		103.50			
	5.4		103.50			
	5.1		103.80			
	5.1		103.80			
	5.25		103.70			

Clair Allen 11
5-4-53

N. of Drain Fence Line - Natural ground
12 bot. of Trace of old ditch
5 sta of Drain on natural sod.

Nat. ground 63' W. of E fence
Bot of New ditch
Natural ground

Nt ground
Bott of ditch
Sign of some Spring runoff
Bot. of Spring runoff
~~Natural ground~~ Ditch Bot
~~Bot of ditch~~ Nat. ground
ditch bot.
Sign of some Spring runoff.

fence line

69.5 W of E fence

~~Sign of~~ of Sta 4+00
26' E on Bot. of ditch
5. of 4+28 40' so
31' E of Sta 3+85 in sign of old ditch having no sign of having been used as such

Drain No. 2.

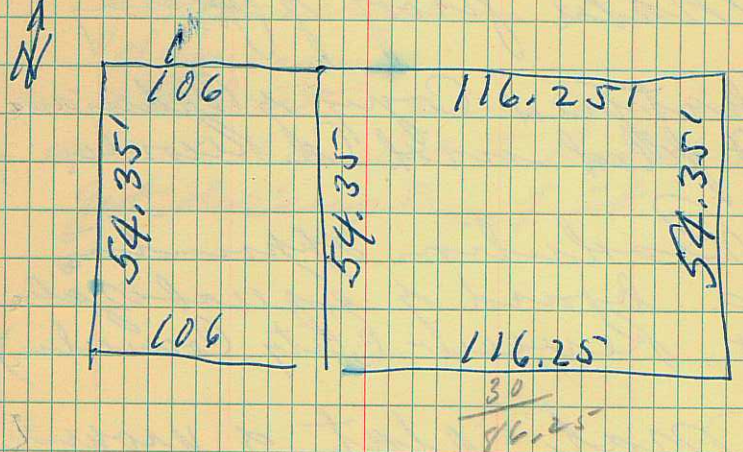
Sta	Rod	HI	Elev	BS	FS.
		108.93			
0+15	9.1		99.83		
0+64	9.2		99.73		
0+91	9.2		99.73		
1+36	8.6		100.33		
1+77	8.65		100.28		
2+60	8.7		100.23		
2+80	9.3		99.63		
3+09	8.7		100.23		
3+58	8.8		100.13		

S. side of Drain

May 5, 1953 13

Page 200 of plats

Leigh Wilkinson



Smithfield

1 Post Ordinance in 3 public places

2 Make proof of posting

3 Certified Copy of Ordinance & filed with Co. Recorder

4 Resolution appointing a board of equalization & Review. (City Councilmen)

5 Make plat of property

6 Notice of equalization mail to individuals get Certification of notices having been mailed.

One week between mailing date or delivery by Marshal to date equalization meeting

Pass Ordinance Confirming the assessment. ✓

Lewiston
get description & dimension
all but piece N of canal and adjacent to Road, but get description of it.

May 11 1953 15

Lewiston NW Cor. of
NW¼ of NW¼ of Sec 9 Twp 14 N R 1 E
is 37' East of West Curb Line
Nails in bottle caps are
placed 50' N. and 50' South
of Mon in Center of Road.

292.85' East from Curb at
bank Cor. to Iron shaft driven
into ground at Prop Line
Prop Line at Bank Cor. is 12.85'
East of face of Curb

207.2 14.5 1006.2
82.5 30 289.7
289.7 495 716.5
495
221.5

179 59 60
89 57 30
0 02 30 59°57'30"
0 0

495
221.5
716.5

Stake at pt 350.5' S. from
Section Line in Road
496.5' S. to 1st fence

293.2' S from Sec. Line in Str. to S. end of Mose Gustaveson Prop. = pt. 57.25' N. from pt. 350.5' W from Sec Line in Street. Row of Hubs are 350.5'S of

350.5
293.2
57.3

9'3.28
4 4 05
49 .23

44.05' from N edge of N walk to Nail in Rd.

93.28.5 from N Edge of N. Walk to South edge of S Walk

South to.
19.57' = dist. A Pipe in ground on N-S line is from South proposed new line of property which is 260' S. of Sec. Line in Road. This is West line of Jorgensen Prop.

Utah Mortgage & Loan property Commences 3.7' N of existing fence & extend 3.7' N of N fence.

Above property to be purchased East of pt. 27 rods + 3 rods East of Sec line in Main St.

30
85
30
25.5

3.92
30
117.60

3.3
30
9.9

Tie for replacing Nail in Road.

from
47.6' N ± of Rd (Sec Line) to E. side of side walk.

Face of Curb to E side of Side walk is 10.15'

17.85
10.15
27.7'

9-28-56

Sta	Rod	Ht.	Elev	Cut	Fill
0+00	4.33	103.98	99.65	0.00	0.00
0+01	4.13		99.85	0.2	0.2 1" offset
0+50	4.63		99.35		12"
1+00	4.5		99.48		12"
1+50	4.33		99.65		
1+69.25	3.12		100.86		
	3.48		100.50		
1+75.2	3.79		100.20		18"
1+90	3.68		100.30		
	3.87		100.11		
2+19.25	4.01		99.97		18"
2+28.1	3.84		100.14		18"
2+51.3	4.18		99.80		18"
	4.36		99.62		
2–					
2+70.85	4.27		99.71		
2+78.95	4.4		99.58		
3+12.9	4.77		99.21		12"

Grades shot on some of old stakes remaining & shown on top of this col.

17

N50 69 2'

Trenton 28.1 28.1

Inside Cor. of Corr

9-28-56

Birch Spring

12" Cipolletti Weir Crest = 0.30' = 0.56 c.f.s.

Weir into Reservoir

Crest = 1 3/16" = 0.11 cfs

℄ of Ditch Co Office Door
Top of cement step below door

℄ of Store door
Top of Cement below door

℄ door to stairway in garage
conc. below door

℄ of Conc under Garage door

Stake West of Garage

Stake at West side of Lane

Cloudy May 13, 1953

Road Grade for Old 18

Trenton

Sta	Rod	HI	Elev	F.S.	B.S.
BM	2.92	102.92	100.00		
0+00	3.35		99.57		
Lip of Gutter	3.61		99.31		
1+00	4.39		98.53		
Lip of G	4.35		98.57		
2+00	4.86		98.06		
Lip of G.	4.86		98.06		
3+00	5.45		97.47		
Lip of G,	5.36		97.52		
4+00	5.48		97.44		
Lip of G	5.48		97.44		
4+33.5	5.44		97.48		
Lip of G	5.48		97.44		
5+00	5.52		97.40		
	4.32		98.60		
6+00	5.50		97.42		
7+00	5.15		97.77	~~5.15~~	
7+42 B.M.	4.52	102.92	98.40	4.52	5.81
			5.81		
	102.92		104.21		
	4.52				
	98.40				

5 Stake on Pole by Store 33.85' W of W. side of Store in Rd.

R.R. spike in Road. End of Gutter

NE Cor. of Front Walk at School (Lawn Level)

Stake on Power pole on East side of Road.

Sta	Rod	HI	Elev	FS	BS
~~7+00~~	~~5.15~~	~~102.97~~		~~5.15~~	
7+98.5		104.21			
~~8+00~~	4.29	104.21	99.92		
	4.98		99.23		
8+00	5.33		98.88		
9+00	4.80		99.41		
10+00	4.94		99.27		
10+21.5	5.14		99.07		
11+00	4.22		99.99		
11+04	4.18		100.03		
11+95 BM	5.19		99.02		
12+00	5.06		99.15		
BM 12+51	4.47		99.74		
13+00	5.47		98.74		
13+96 BM	5.25		98.96		
Top of Post	2.65		101.56		

Top of Stake } at SE Cor. of School Bus garage Pop
Ground Line } ~~1.5~~ one ft W. of fence line

NE Cor. of House Walk at Prop Line

BM on fence post in W Prop. Line NE Cor of Side walk to house

Stake on Pole NW side of Road

RR Spike in Rd 34.5' E of W Prop + 28.2 W of E Prop Line

Stake on pole on E side of Rd Post is in Conc of SW Corner Rd

Side Walk.

Sta.	Rod	H.I.	Elev
0+00	4.42		99.71
B.M.	4.13	104.13	100.00
℄ Rd N.	4.00		100.13
0+50	4.78		99.35
℄ Rd. N	3.72		100.41
1+00	4.66		99.47
℄ Rd. N	3.47		100.66
1+50	4.46		99.67
℄ Rd N.	3.37		100.76
1+69.2	3.25		100.88
1+90	3.80		100.33
2+00	3.93		100.20
℄ Road	3.70		
1+90	3.80		100.43
2+28.5	4.50		99.63
℄ Rd,	4.05		100.08
2+50	4.50		99.63
℄ Rd,	4.24		99.89
2+83.5	4.62		99.51
℄ Rd,	4.39		99.74
2+63	4.82		99.31

#06' = dist. to 1st Bldg.

B.M. Stake on Pole by Store ℄ of Road North of walk

℄ of Doorway Floor level

℄ of Doorway Floor Level

℄ of Garage doorway Floor level

Raise side walk above curb to take care of lawn and Stores.

Trenton 7-30-53 R. Squires E.M.

	Rod	HI	Elev
1+50	4.21	103.88	99.67
1+56.3	4.01		99.87
1+69.2	3.36		100.52
1+64	3.84		100.04

99.67
+21
103.88

21
21

Top of Hub at pt 6.3 E. of Bldg

Ground at NE Cor of Bldg

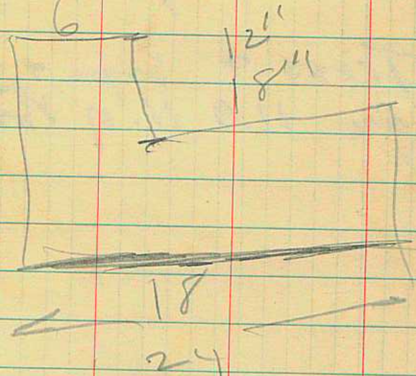
present walk Elev at door of 1st Bldg

Walk to be 1' N. of Prop Line
Curb to be 15' N. of Prop Line
Top of Corrug pipe Crossing road at pt 15' N. of Prop Line

Trees & Sign & Gas pump are 11.0 N. of Bldg Line

5-15-53

Sta	Rod	Lewiston School
℄ New School		
Walk	5.00	
Str.	4.3	
100' W. St	4.4	
walk	4.92	
Str. 200 W	4.38	
Walk,	4.9	
100' E Str	3.8	
walk,	4.88	
200' E Str	4.1	
walk	4.8.	
300' E		
Str	4.00	
walk.	4.57	



make ~~estimate~~ sketches of curb & gutter for Lewiston

℄ of New Bldg

7-15-53

Lewiston Jr High Grounds

3+ = 9.
3+

Sta	Rod	HI	Elev
0+00	3.50	103.50	100.00
0+30.5	3.88		99.62
0+47	5.40		98.10
17' N	4.2		99.40
17' S	3.35		99.15
	2.4		101.10
	2.57		100.93
0+53	2.10		101.40
0+61.5	5.1		98.40
17' N. of +70	2.82		100.68
0+70	2.66		100.84
17' S of +70	2.56		100.94
17' N of +74	4.15		99.35
0+74	3.64		99.86
17' S of +74	3.56		99.94
17' N. of 1+00	3.9		99.60
1+00	3.80		99.70
17' S of 1+00	3.78		99.72

Mark Stock Chain & Rod
E.H. M. T

N. Wall of Jr. High Bldg. is 208.6 N. of Walk.
East end of Bridge Rail is 57.3'
West of fence line on East side
of Road.
E Bank of Canal at pt. of Crossing
is 53' W. of E. fence Line
℄ of Traveled Roadway is
30.5 W. of fence Line

East fence Line E. of N-S. Road.
going West.
℄ of Roadway (graded & graveled)
Invert of 15" pipe crossing Road E-W.
17' S. of top stake
Toe of E. Bank of Canal
17' N. of Hub } from Hub in E Bank
17' S of [illegible] }
E. Bank of Canal. { Ditch going E. at pt. 5' So. 13' of [illegible]

℄ of Canal

W. Bank of Canal

W. Toe of Canal

		H.I.	
17' N	4.0		99.50
1+50	4.3	103.50	99.20
17' S	4.6		98.90
~~1+00~~			
~~1+00~~			
47' N of 2+00	4.05		99.45
44' N. of 2+00	5.2		98.30
2+00	2.93		100.57
17' S. of 2+00	4.5		99.00
2+03.5			
24' N. of 2+50	4.24		99.26
22' N. of 2+50	5.15	103.50	98.35
14' ~~S~~			
2+50	4.75		98.75
14' S of 2+50	3.15		100.35
43' S of 2+50	4.5		99.00
16 N. of 3+00	4.2		99.30
14 N. of 3+00	4.9		98.60
3+00	5.14		98.36
17 S. of 3+00	4.45		99.05
3+29.1	5.1		98.40
15' N	4.5		99.00
13' N	4.95		98.55
3+50	5.12		98.38
13' S	4.76		99.74
15' S	4.75		99.25
3+76	3.82		99.68
Step	3.32		100.18

S edge of Race Track

R. Tk. & Hub
17' N. of Hub
15' S. of Hub.

Hub

Hub at bottom Step { East steps on N. side of Jr. H.
Top of Bottom Step

		H.I.	ELE.	
3+55.75		103.50		E. wall of Jr. H. Bldg (old part)
17' S	4.12		99.30	
14' S	4.65		98.85	
4+00	5.14		98.36	
11' N	5.10		98.40	
14' N	4.71		98.79	
16' S	4.48		99.02	
13' S	4.98		98.52	
4+50	5.27		98.23	
11' N	5.00		98.50	
13' N	4.25		99.25	
4+61.5	3.50		100.00	Top at E. end of bottom Step in West Entrance
17' S	4.20		99.30	Top of Bot Step in N. entrance to Jr Hi
14' S	4.84		98.66	
5+00	5.08		98.42	
11' N	4.80		98.70	
13' N	3.97		99.53	
5+00.45				W. wall of Jr Hi Bldg
17' S	4.68		98.82	
13' S	4.93		98.57	
5+50	5.00		98.50	
11' N	4.74		98.76	
13' N	4.8		98.70	
5+93.8	2.60		100.90	Top of Area wall to basement {74' to B.L.
5+93.8	2.18		101.32	Top of bot step over basement entr {53' to (Base L
5+97.8				E wall of New Element. Bldg
26' S	4.18		99.32	Main part of Bldg is 37' S. of Baseline
6+00	5.10		98.40	East part of Bldg is 45' S of Baseline
11 N	5.00		98.50	
13 N	4.80		98.70	
	4.05		99.45	
6+07	2.97		100.53	Top of Conc base for wood steps

Sta	Rod	HI	Elev.	FS	BS.	
5+26.5	2.70		100.80			NE Cor of Conc. Pt. (Top of Flow Line)
16' S	4.28	103.50	99.22			
13' S	4.90		98.60			
6+50	4.95		98.55			
11' N	4.91		98.59			
13' N	4.22		99.28			
6+67.9						West end of loading platform (Conc. Pt.)
16 S	4.15		99.35			
14 S	4.60		98.90			
T.P. 7+00	4.93		98.57	4.93	5.63	
13' N	4.63		98.87			
15' N.	4.18	103.50	99.32			
20' S	4.27		99.23			
14' S	5.01	104.20	99.19			
7+50	5.55		98.65			
13' N	5.32		98.88			
15' N	4.57		99.63			
20 S	4.57		99.63			
15 S	5.2		99.00			
8+00	5.67		98.53			
14' N	5.5		98.70			
16' N	4.81		99.39			
8+26.37	3.53		100.67			West end of New Bldg (Hub in NW Cor.)
17 S	4.40		99.80			
14 S	5.06		99.14			
8+50	5.66		98.54			
14 N	5.67		98.53			
16' N	4.73		99.47			

		H.I.	ELE.
21 S	4.57		99.63
16 S	3.53	104.20	100.67
14 S	4.45		99.75
9+00	5.43		98.77
15' N	5.64		98.56
17 N	4.71		99.49
15 S	5.00		99.20
12 S	3.83		100.37
9+50	5.00		99.20
21 N	5.82		98.38
23 N	4.80		99.40
15 S	5.55		98.65
10+00	4.85		99.35
4' N	3.20		100.95
33 N	6.02		98.18
34 N	5.4		98.80
GR/07 20.2	5.42		98.68
7' N	5.35		98.85
10 N	3.82		100.38
13 N	4.55		99.65
45 N	6.04		98.16
51 N	5.60		98.60
10+50	5.23		98.97
15' E	5.71		98.49
11+00	5.32		98.88
15' E	5.87		98.33
11+50	5.44		98.76
15' E	5.56		98.64

west → 90° 39' | 89° 21' 60 39 21

27

W. turn to South
W. line of entrance from Street ground

1st Sta going South on W Prop. line 89° 21' Left.

by apple Tree

		H.I.	ELE.	
~~Pavement~~ 12+00	5.11		99.09	at pt. 6.6' S. from SE Cor of garage
	5.00	104.30	99.20	
15' E	5.31		98.89	
12+58.6	4.89		99.31	N. edge of Sidewalk in Street
8' E	5.06		99.14	dip in walk.
15' E	4.95		99.25	
33' E	4.91		99.29	
12+81.3	4.30		99.90	N. edge of Oil
15' E	4.34		99.86	

58.6
22.7
81.3

Lewiston Utah 7-12-13

498' N. to grand stand
263.5' N. to S. prop line

800 from S line to pt 12' from ditch
263.5 ft
536.5'
500
36.5' to be occupied by Grand Stand

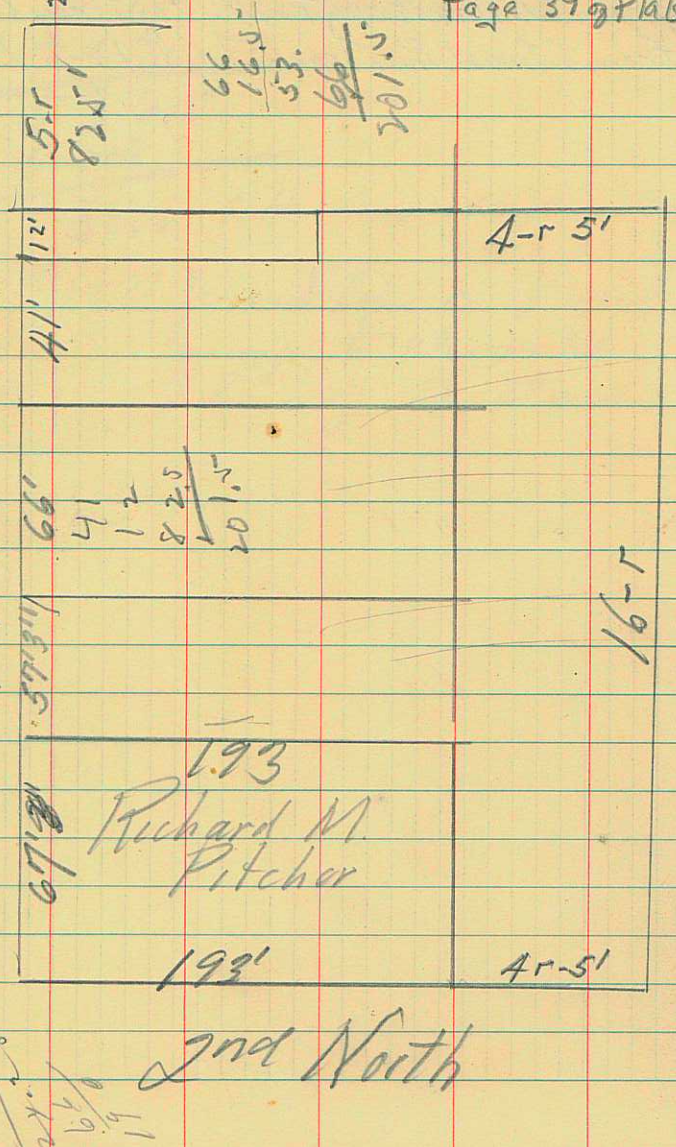
155' from S line of Telford
prop to proposed
S line of G. Stand

Race
from S. line of old track N. to Irrig Canal pt 12' S from
From S. line of Race Track to S. prop line

9-29-56

Richard M. Pitcher
202 North Main
Smithfield, Utah

Page 39 of Plats



C403A GUSTAVE J. & LUCY N. MEYER,
SMITHFIELD, UTAH

BEG 124 FT N OF SW COR OF BLK 29 PLAT A SMFLD CITY SVY; N 66 FT E 178 FT S 66 FT W 178 FT TO BEG NW¼ SEC 27 T 13N R 1E.

C404 LEONARD S. & ETHEL B. MILES
SMITHFIELD, UTAH

BEG 190 FT N OF SW COR LOT 5 BLK 29 PLAT A SMITHFIELD CITY SVY N 41 FT M OR L E 110 FT N 12 FT E 83 FT S 63 FT M OR L W 11 RD 11½ FT TO BEG ALSO BEG 67 FT N OF SW COR LOT 5 N 57 FT 3 IN. E 178 FT N 66 FT E 15 FT S 123 FT 3 IN. W 193 FT TO BEG IN NW¼ SEC 27 T 13N R 1E

C404A JAMES EDGAR PITCHER
SMITHFIELD, UTAH

BEG AT SW¼ COR OF LOT 5 BLK 29 PLAT A SMITHFIELD CITY SVY N 67 FT E 193 FT S 67 FT W 193 FT TO BEG. NW¼ SEC 27 T 13N R 1E

C409 JAMES E. PITCHER, LIFE ESTATE
SMITHFIELD, UTAH

THE E 4 RDS 5 FT OF THE S 16 RDS LOT 4 BLK 29 PLAT A SMITHFIELD CITY SVY IN NW¼ SEC 27 T 13N R 1E

8-24-53

Dr C.S. Dalmas

Wet Pen	depth	
4'	1.0'	
3½"	0.8'	
3½"	0.8'	
4'	0.16'	
0+00	4.69	water surface
1+00	5.39	"
	.70	
1.8	.5	
1.8	.5	
1.8	.5	
0+00	6.63	water surface
1+00	5.89	" "
	.74	