EL CAPITAN
Pipe Line Survey
Transit — No. 2

W185

FIELD BOOK

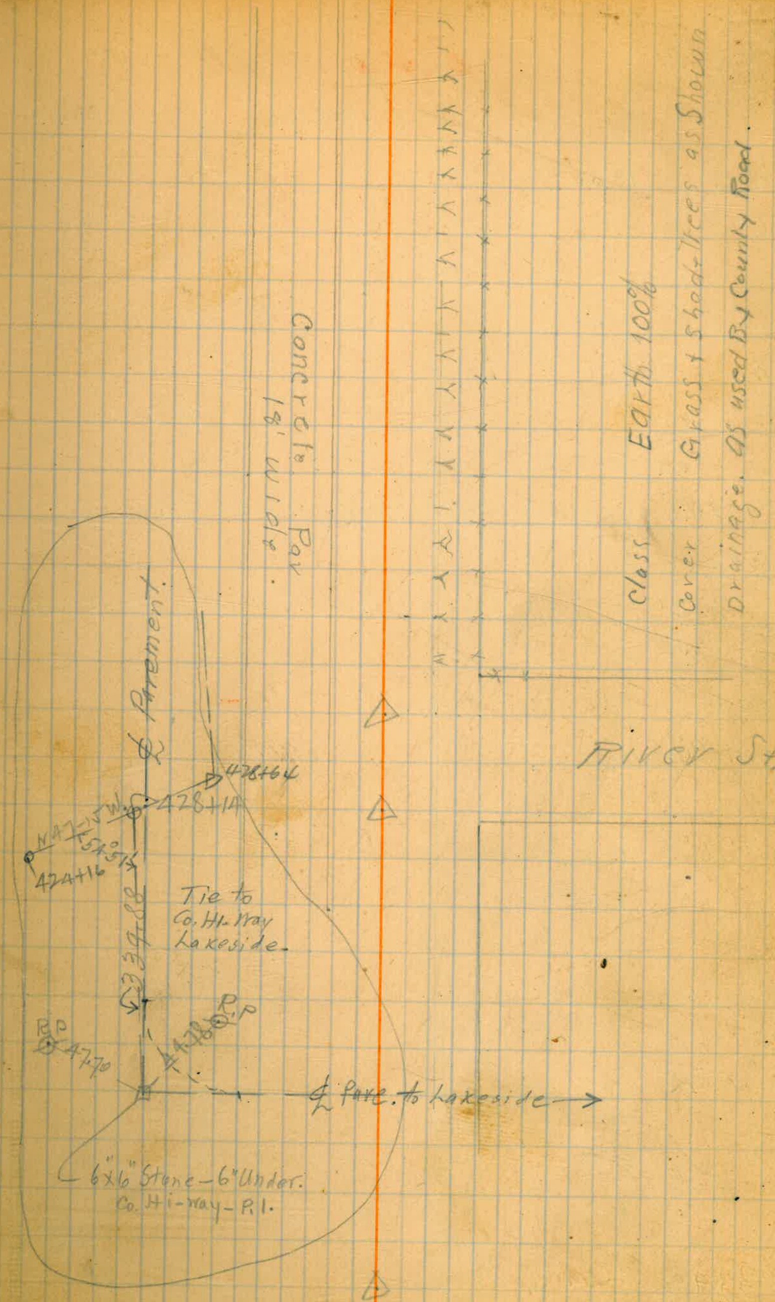
385

Preliminary Survey El Capitan Pipe Line
Transit Notes No.2 C.M. Boren
Sta. 424+16 to 1133+46 Oct. 13 to Nov. 6
1925

✓RJS

Dist

3					
2	POT				
1					
1/4					
4 30					
9					
				S65°35'W	1336'
428+64	51°34'L		S81°11'W		
428+14	F				
8					
					448
7					
6					
5		N 47° 15' W	corrected		
		N 46° 14' W			
424+16					

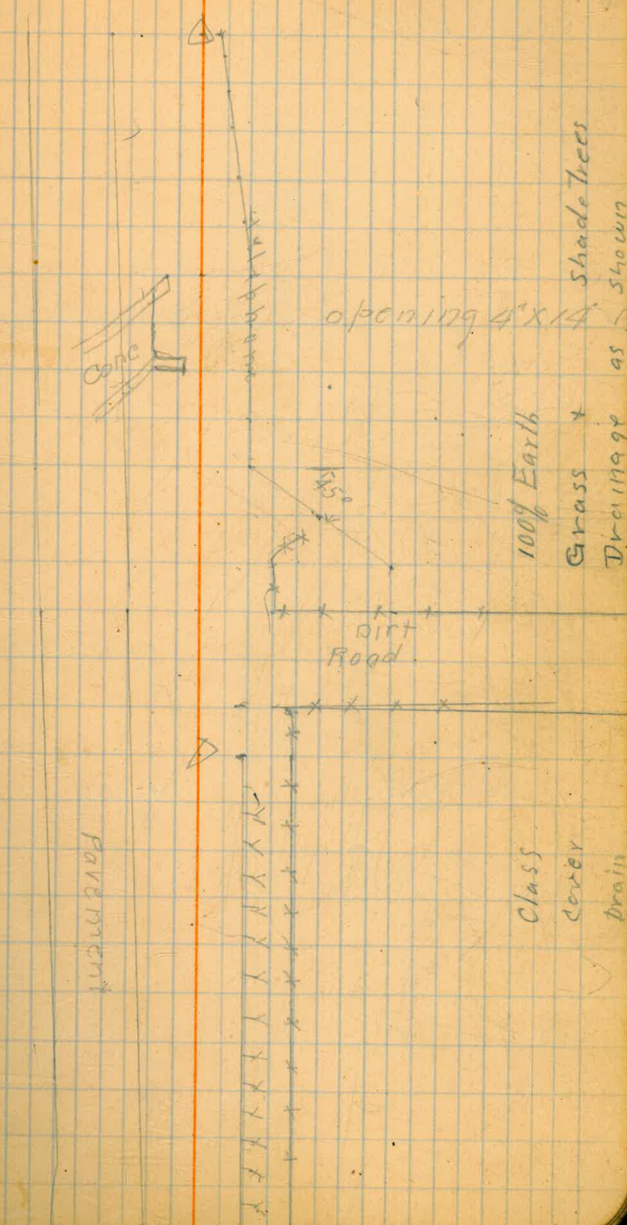


✓RAS

✓ S88°11'W   11337

442+00	1°00' L			
440+0				
+30	"	"	7.0 Left	
+08	Concrete wing wall 3.4 Left			
439+00				
+20	Telephone line comes in from R			
8				
+80				
+36				
7	POT			
6				
5				
4				
433+0	[illegible]			

For Tapeg Left Side of Pavement See Book 1
Sta 428+1/4 forward

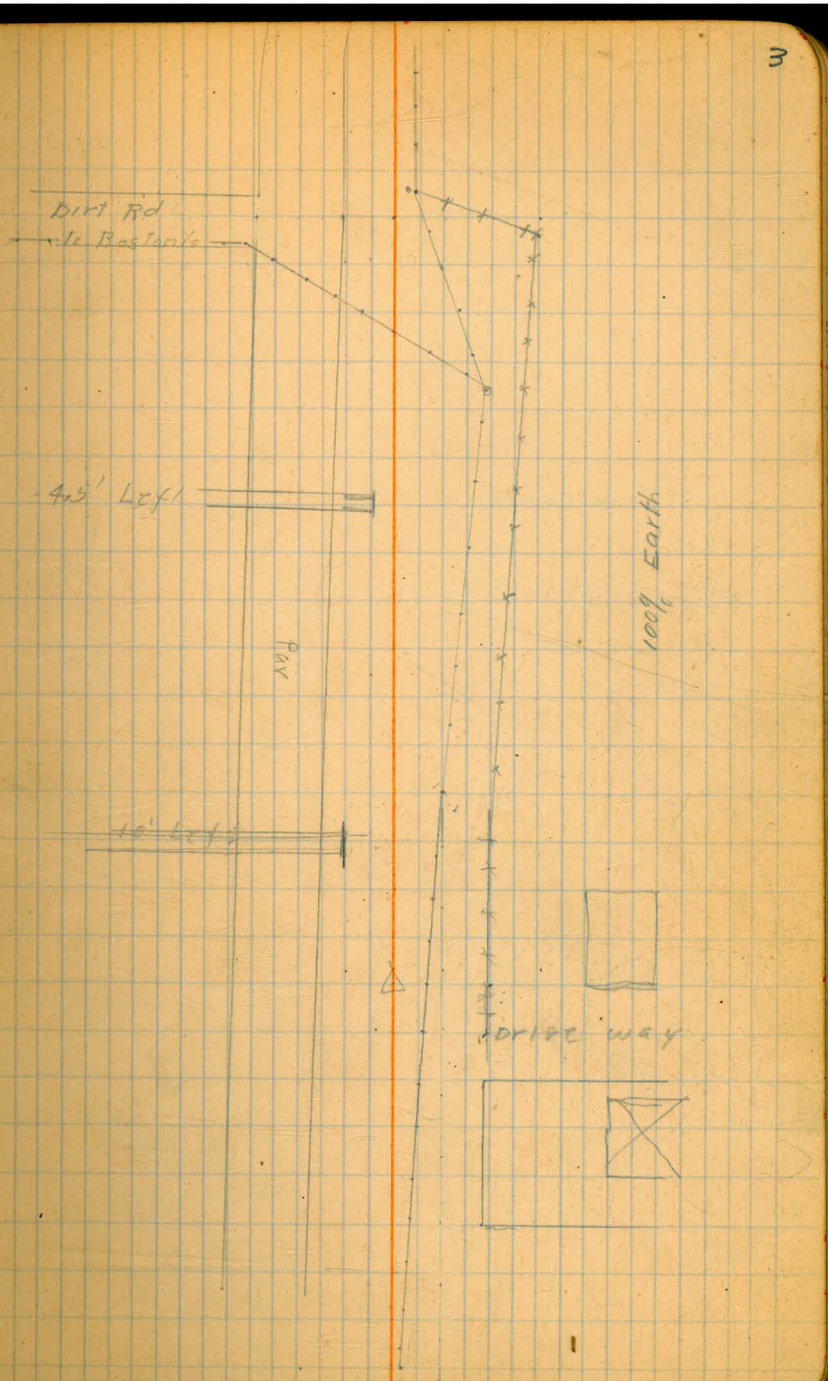


- RB

S80°58W

2489

PI 455+37	0°47' R	
5		
4		
3		
452+12	12" Conc pipe Culv under Rd	
2		
1		
450+0		
9		
448+	12" Conc Culv under Rd	
7	POT	S80°11W
+03		
6		
5		
+80	Cor of McClain's yard 18' R	
4		
443		S80°11W



RK ✓

467+00 POT

6

5

4

463+85 POT

+10

3

2

1

460+00 POT

9

8

7

456+0

S 85 80°58'W ✓

Garden Land

drive way to Right.

Concrete Pavement

100' Earth

✓RKS

9

8

477+00 POT

S 80°31'W

6

5

+08 Drive Runs N.

4

+96 Fence Turns N.

3

472+06 P.O.T.

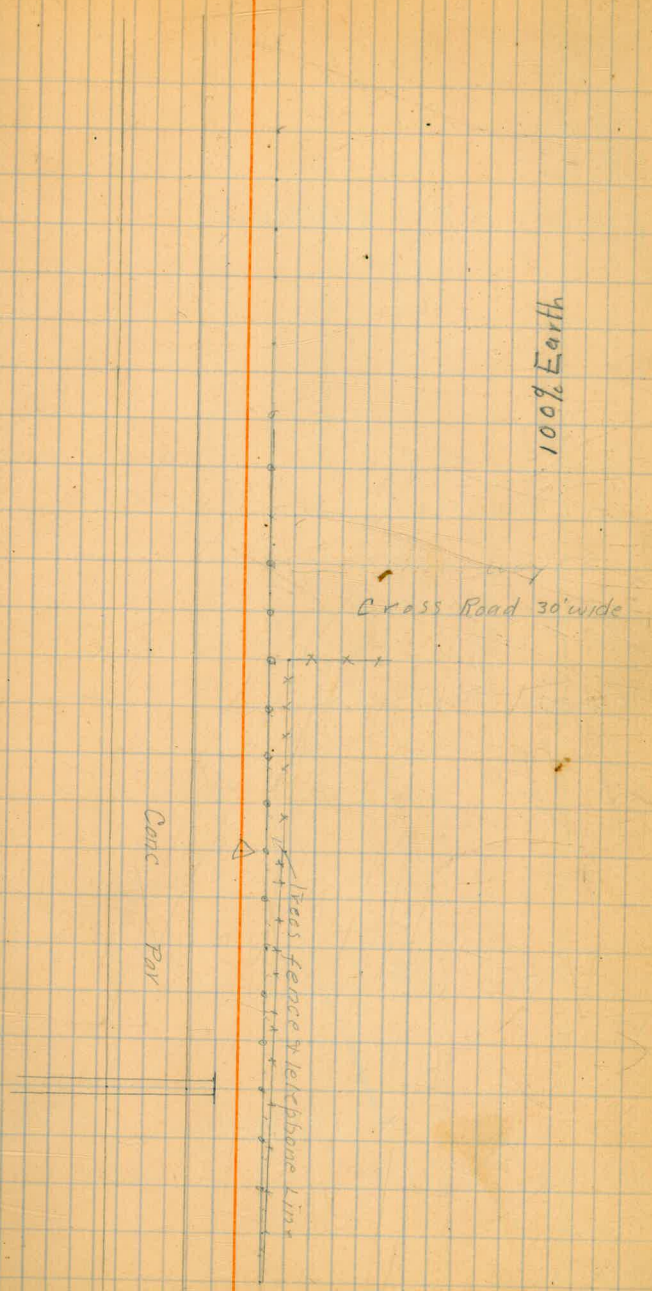
1

470+0

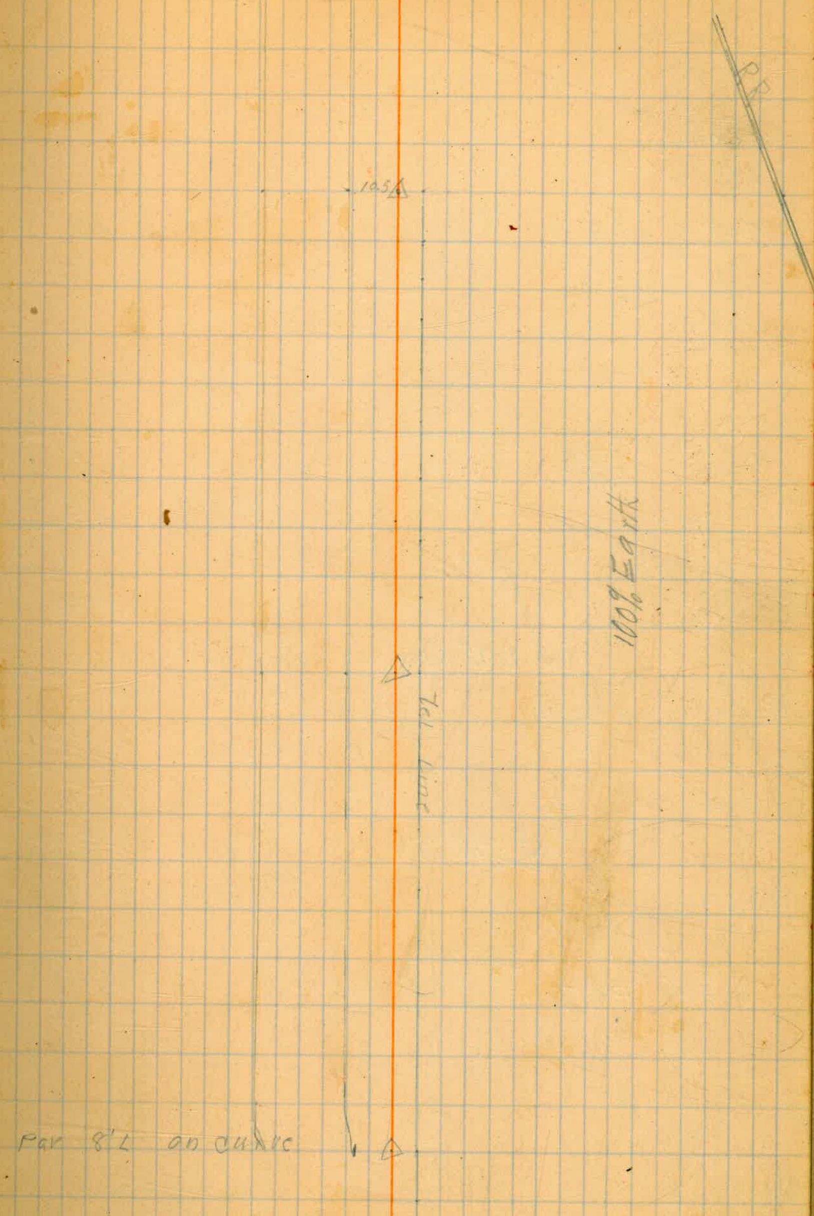
469+05 2'X6' Culv. 5'L

9

8



	✓	RK		Mag	
1					
490+00	POT	S 89°29'W ✓			
9					
8					
7					
6					
485+00	P.O.T.				
4					
3					
2	JN				
1					
	✓	S 89°29'W ✓		S 73°50'W	137A
480+26 PI	8°31' Rt.				
480+0					



Party
Boren
Sprunt
Reynolds
Frasier

RK

Mag.

500+00				
499+97.9	P POT			
9				
8		B 99.9		
7			29 7.6 / 50 95.5	
6		S 75° 51 W		737.5
495+58	PI 0° 25' L			
495+0		S 76° 16 W	S 60° 15 W	158
494+0	PI 13° 13' L			
		S 89° 24 W		
+73	POT			
+10				
3				
492+00				

Par 9.2' L

67' to RR

+5%

Earth & Boulders

grass

100' Earth

Grass

Par. 10.6' L

℄ RR 42.5' R

about opposite PI of Par. Curve

43'

Par. Curve 14.3' L
Rt L to Rear Sight

Par 14.4' Left

2½ x 6' Culv 6' L

about P.C. of Parme Curve

10.5'

RR Bridge #35 is 50' R opening 2.5' x 30'

RJB

Mag

511+00

+50

510+00

+75

9

8

PI
14°51'L

S41°58'W

S25°40'W 718

507+07

7

6

5

4

3

S56°49'W

S40°45'W 411.5

PI
19°02'L

502+95.5

502+17.9

502+00

501+00

Pav 14' L

Pav 14' L

Power pole 4' L

100' Curve

Dirt Rd

℄ RR 42' R

℄ 44' R

RR 38' R

RR 51' R

RR 54' R

RR 51' R

2' Earth & Boulders over D.G.

Grass

Pav 17.6' L

Pav 17.8 L
about opposite PI of Pav curve

℄ RR 42' R

Pav 8.5' L

about PI of Pavt curve

✓ RB

520+00	POT
519+00	
+40	Power Line XS To Left
+09	Power pole 7' R
518+00	
517+00	
516+00	
+20	about opposite PI of RR Curve
+09	Power pole 14' R
515+00	
+68	
	S46°23'W ✓ 1746.6
PI	4°25' R
+25	
514+00	
513+00	
+75	
512+00	
511+25	POT

570
514+75
755

511+25
09 09
+18

Pav 13.5' L ℄ RR 32.5' R

side of Line

34' R to ℄

12" C I P. Cul
2' L

Earth 100%
Grass

℄ RR 41' R

Paved Rd

Power pole 10' R

Power pole 3' R

Checked by
38 S.R. 10-15

RVB

Mag

2				
		S46°33'W		5772.4
531+71.6	0° 10'R	Fence on left of Rd	S31°00'W	
1				
530+				
529+00	POT	S46°23'W	Par 11' L	
8				
7				
6				
5				
52 4+00	Pot.			
3				
2				
521+0				

angle 44°55' with B.S.

℄ RR 36' R

℄ RR 36' R

Conc Par 12' wide

Earth 100'

Grass

Par 12' L

℄ RR 36' R

✓ RR

3

+51

542+00 Pot

1

540+0

9 PoT

8

+50

7

+09 Opposite 4'X16' Bridge #34 under RR

6

530+5

4

539+0

S46°39'W ✓

539+
1+716
7+718.4

From Sta 530 to
about Sta 540 subject
to overflow

Powerpole 10'R
Powerline comes in
From left

20°

here at 1:4 PM

35.4

3' CIP 5'L

155'

Ear

Earth 100'

RB

+44		Power pole 11.5 R
6	Pot	
5		
4		
3		
+56		12" C.I.P. 5' L
552+00	POT	
1		
550+0		
9		
8		
+38		Power pole 16' R
547+00	Pot	
6		
5		
+05		intersect Martins
544+0		

S 42° 33' W

Bar

Earth 100'

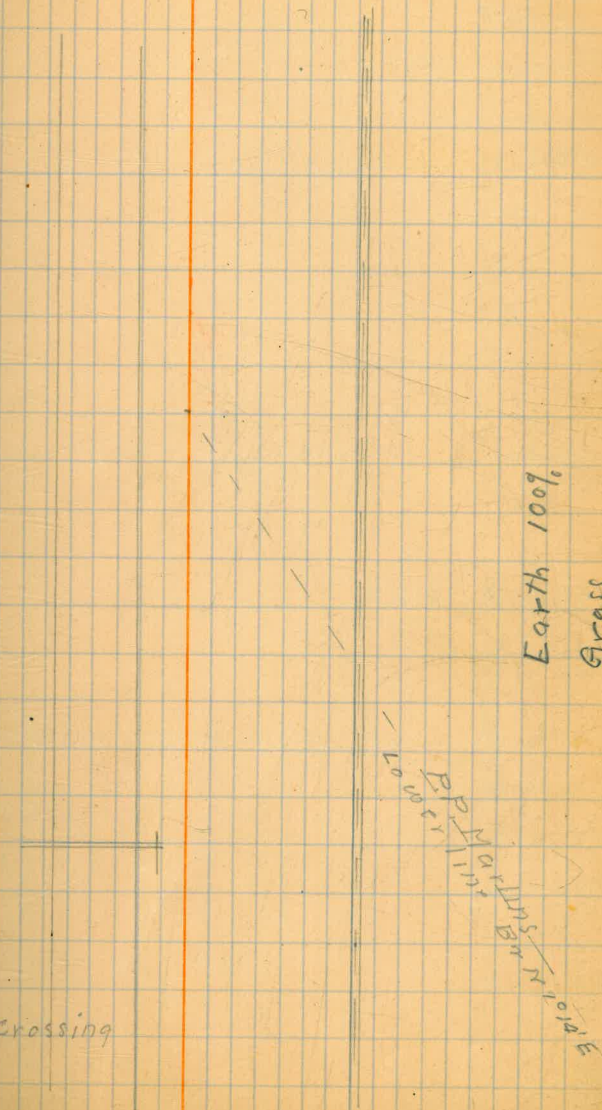
upper

Line
Bears N 1° 14' E

[illegible]

+73		
7		
6		
5		
4		
563+73	POT	S 46°33' W
3		
2		
1		
560+00		
+39		12" Culv 5' L
9		
8		
+10		
557+00		

cent Drive R.



✓RK

9
+84
578+00 POT

+44 Power pole 12' R
7
+ 25
6

S46°32' W

5
+42 Power pole 12' R
4

573+00 POT

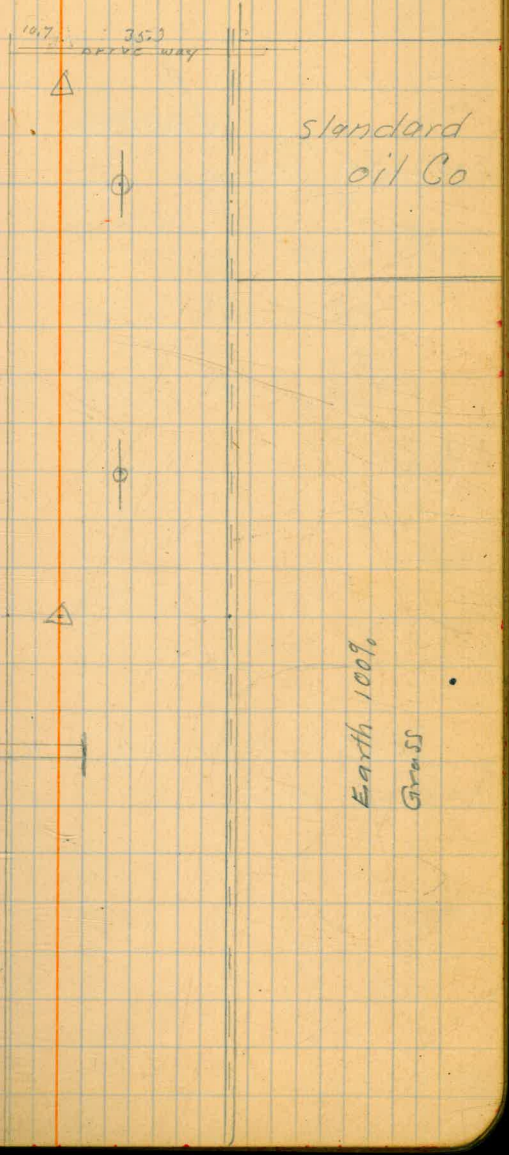
2
+42 12" CIP under Road Extends
1

570+00

9

573
531+71.6
51+28.4

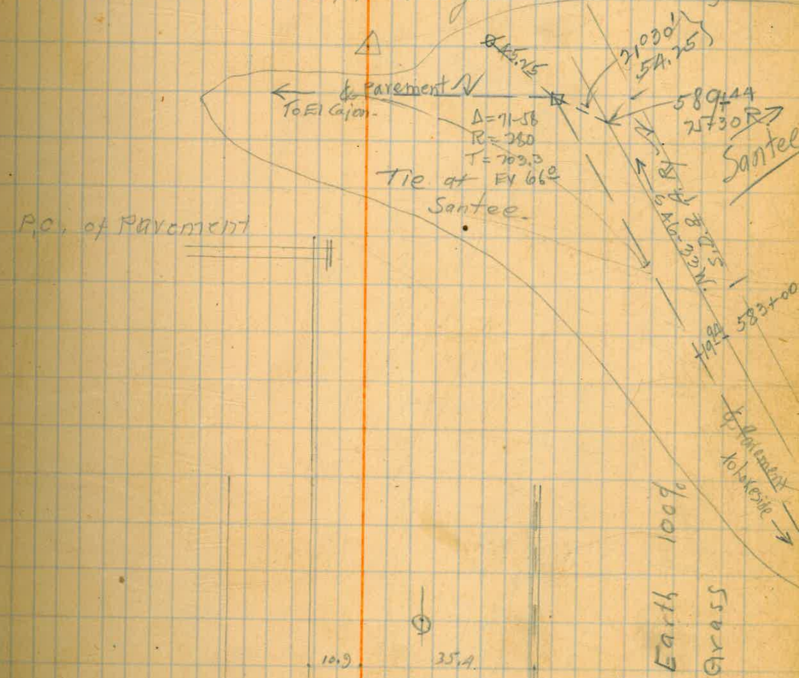
565+00



✓ RB

590+00	P.T.	
+ 95.5		
+ 80		
+ 67		
	✓ N57°57'W ✓	159
589+44	P.I. 75°30'R	
9		
8		
+ 75		
+ 35	double 12" C.I.P. under Rd. C-L	
7		
6	S42°33'W	
5		
4		
+ 45	Power Pole 12' R	
583+00	POT	
2		
1		
580+0		

Santee ties Next Page



591+03

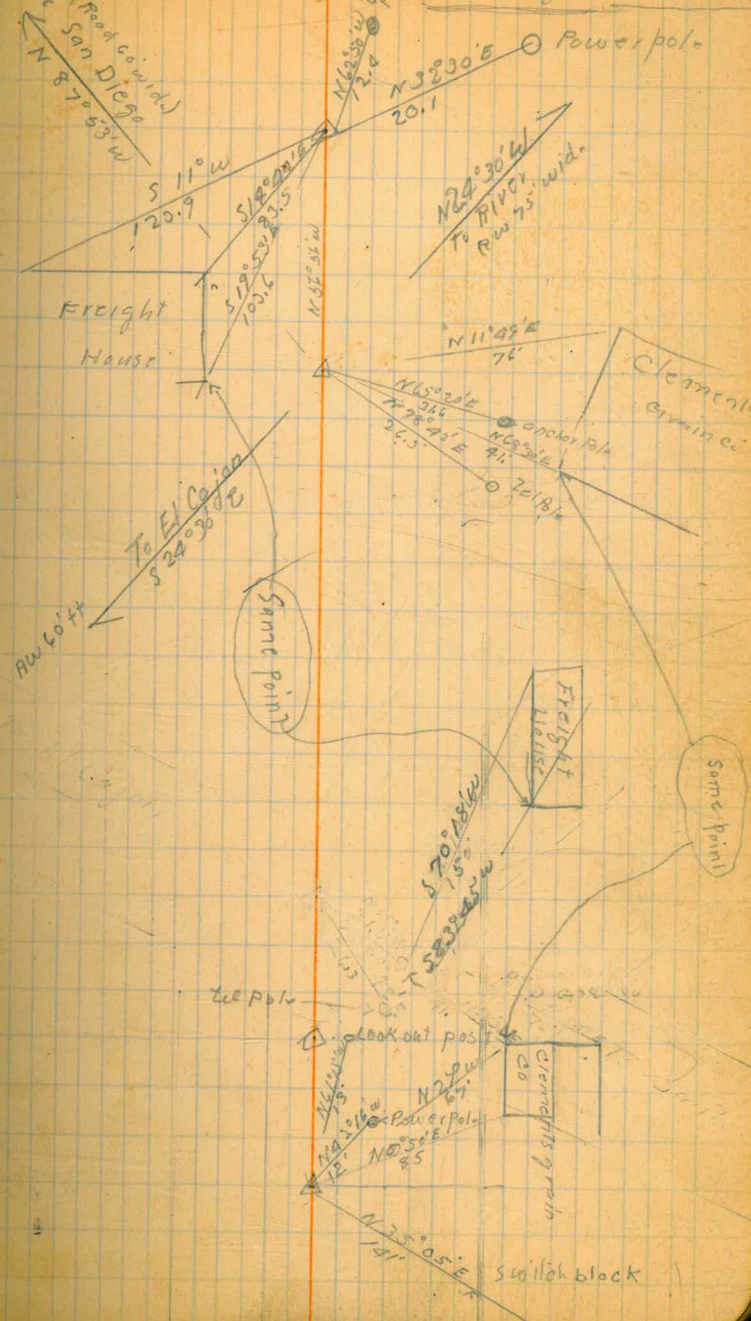
590+26
↑

same point

N5°05'W

↓
590+26

589+44



✓ RWS

8		
+35	opposite Rt x school ground	
7		
+97		
596 +25	P.O.T	
425	west side st Rd 6' x 27' L	
6		
+45	3"x3" white stake SW x Blk 7	
5		
+90	Power pole on Left side of	
+75	tel pole 5' R	
+64	opposite west End Garage bldg 26' R	
+60	Power pole 5' R	
3	opposite west End P.O. on Left of St	
+60	opposite East End of Garage 15' R	
+30	opposite Rt x Center P.O. on Left	
2		
	N88°53'W ✓ ✓	5497
591+03	P.I 30°56'L	
591+00		
590+00	N57°57'W ✓	
589+44	75°30'R	

Sanitary School Grounds

12° Cmp 1.5' L

Tel Pole 5' R

1's 25' R

60' St

of St.

Earth 100%

Grass

546+75

1 03

5 n

✓ RVS

			Mag	
+86				
9				
8				
7				
+95				
606+00	P.O.T	N 87°30' W ✓		
5				
4				
3				
2				
601+00	POT			
600+00				
+60				
~~+63~~				
+35	opposite	NW X	Sch 00	on Lot
+17				
~~+5~~				S 74°35' W
599+0				

50' Lane at Rt Ang

25'

25.5 3"x3" BM Cor

Co.

100' Earth

Grass + Shade Trees where shown

Shot Sun here

Godfreys

opposite fence, x 10' R

Dirt Rd

of Rd

property cor 25' R

Santee Grammar School

Earth Soil Boulders Soil

RIS

Mag

621+00	P.O.T
620+00	
9	
8	
7	
616+77	
606+00	P.O.T
5	
+55	End Chicken House 85'
3	
2	
611+09	P.O.T
+48	
610+0	

N 88°53' W

S 75°00' W

Barth
Sprunt
Reynolds
Fraser

Dirt Road

Car white/one

100' Earth

85'

Old Chicken House

Bert Oct 16
A.P.M.

v RT3

4

3

2

+22 12" CIP 5' L

631+00 Pot

630+00

9

8

7

626+00 POT

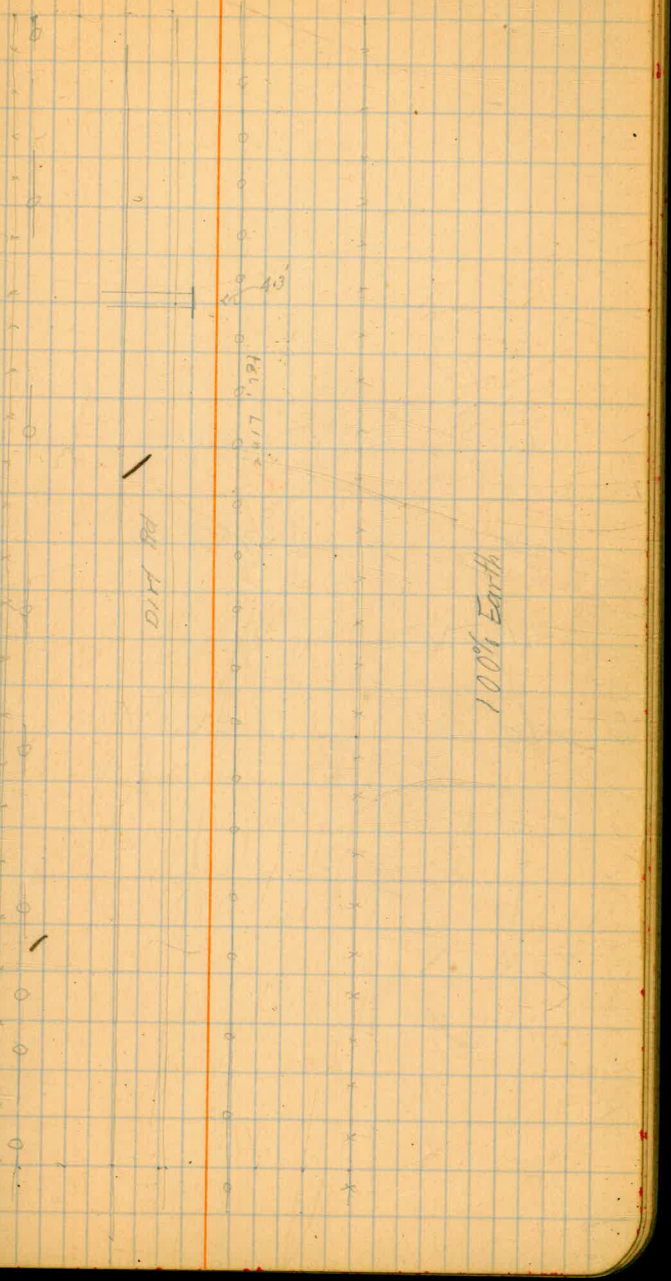
5

4

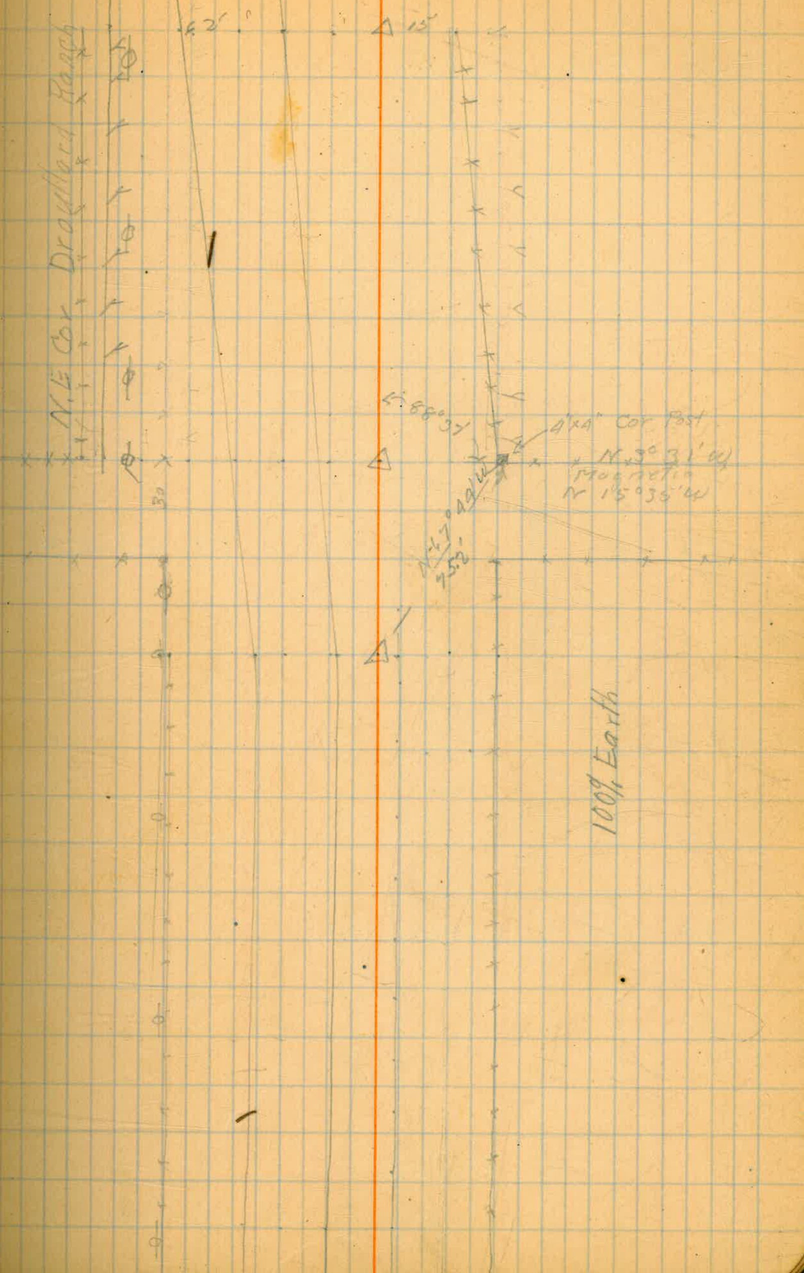
3

622+0

N88°53'W



		✓ S49°43'W	✓RMS		4768
646+0 0	1°24'L				
5					
4					
3		N.88°59'W			
2					
+67.2		Fenc Line bears			
+40		Lane at ang			
641+0 0	POT	N			
640+00					
9					
8					
7					
6					
635+0					



✓ RWS

656+00 Pot S89°43'W ✓

+55 opposite ℄ Droullard gate on left

5

4

3

2

+41 opposite Droullard

651+0 Pot

650+0

9

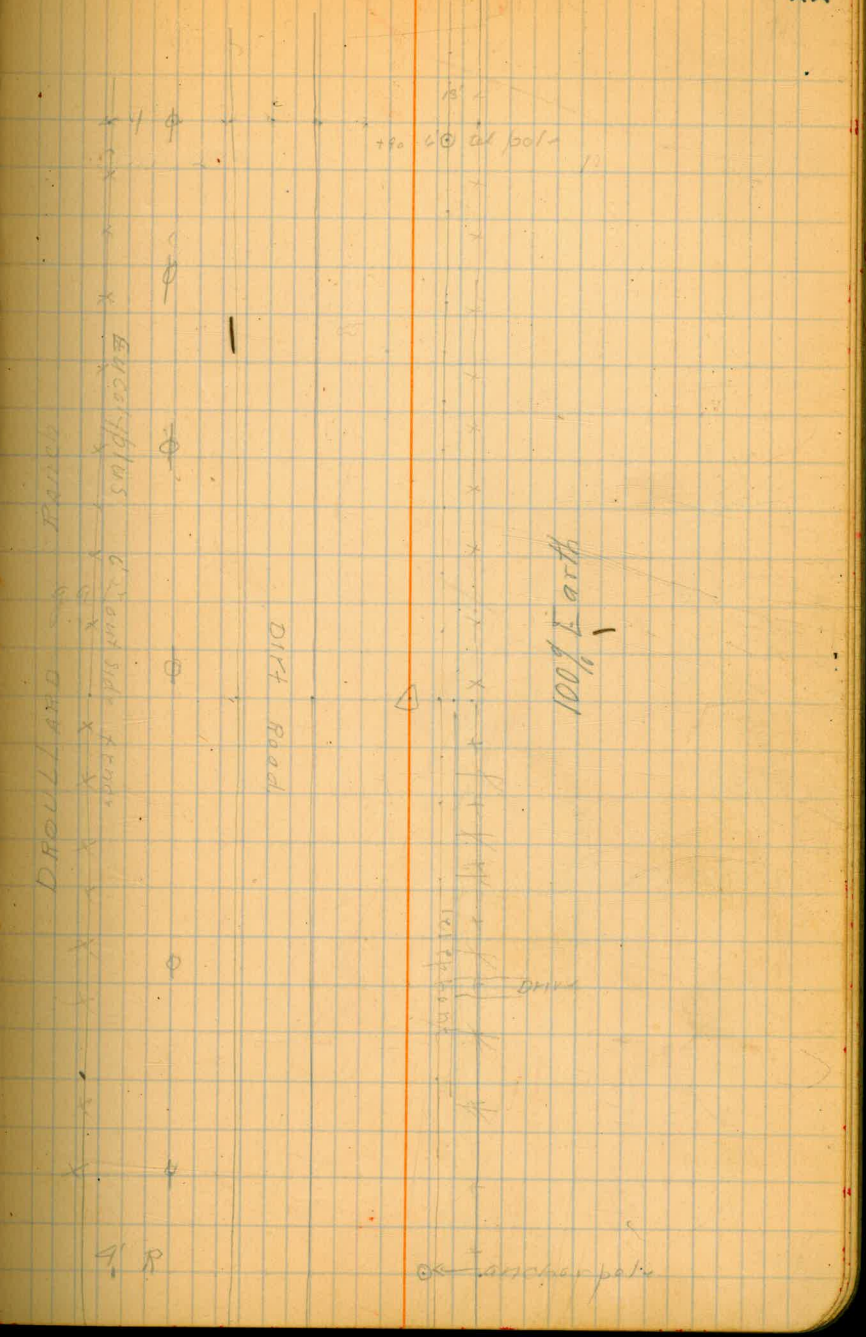
+93 ℄ drive to Rt

8

7

S 89°43'W ✓

646+90 anchor pole for Powerline



RVK

Mag

8

7

6 POT

5

S 74°10'W

66 A+30 ℄ Drive To R 90°

4

3

2

S 89°49'W

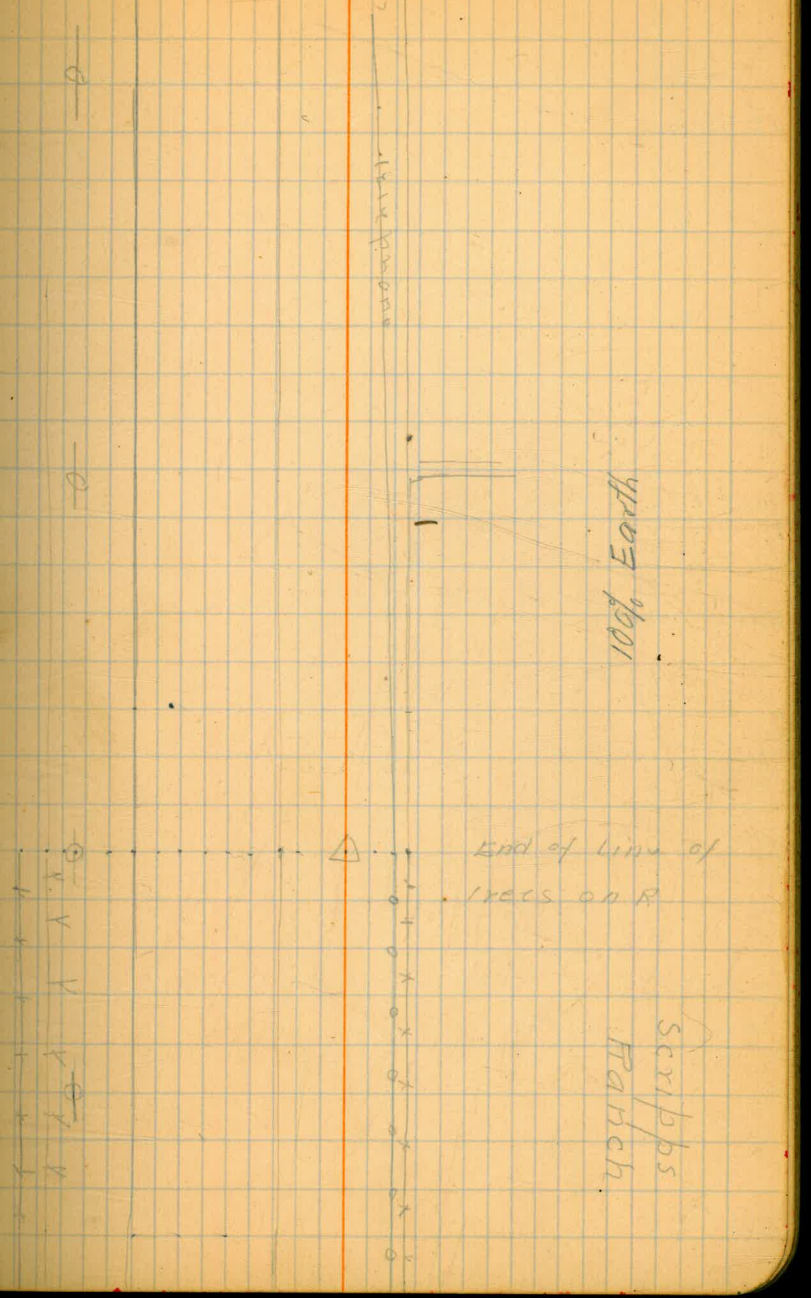
661+00 POT

660+0

9

8

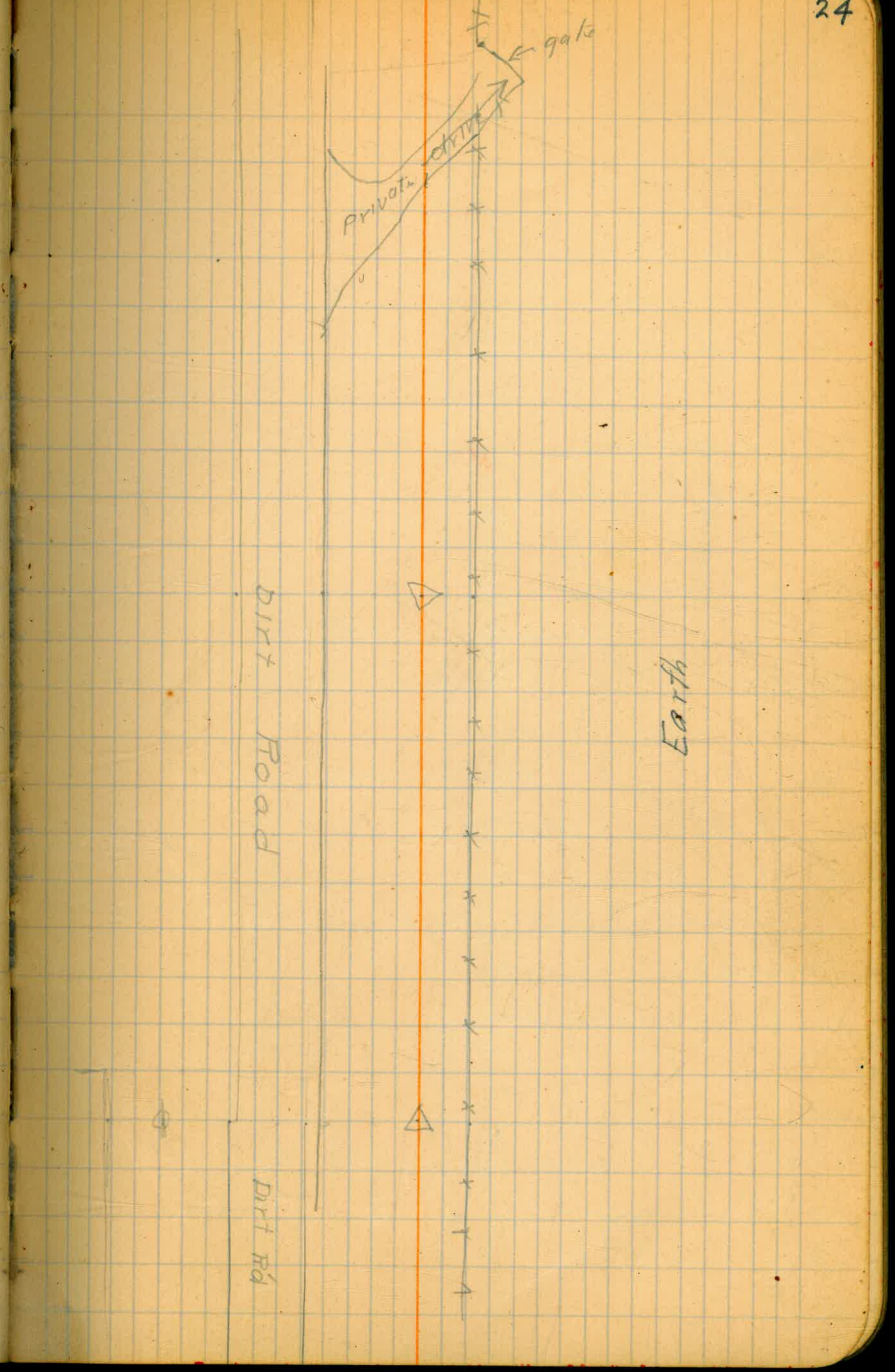
657



✓ RJS

+04	Enlrance to Scripps Ranch 45° R
680+00	
9	
8	
7	
676+00	Pot
5	
4	
3	
2	
+53	Gate on Left to Drouillard Ranch
671+0	POT
670+0	
669+0	

S 89°49'W ✓



RM5

7

686+00 P.O.T

5

4

+15

3

2

681+75 P.O.T

+41 End of wing wall is

+39 End of Br is 17'

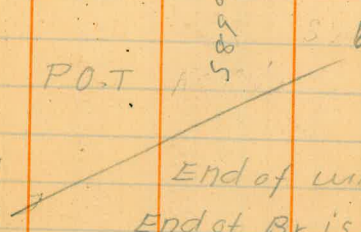
+10 cent Bent of Br is

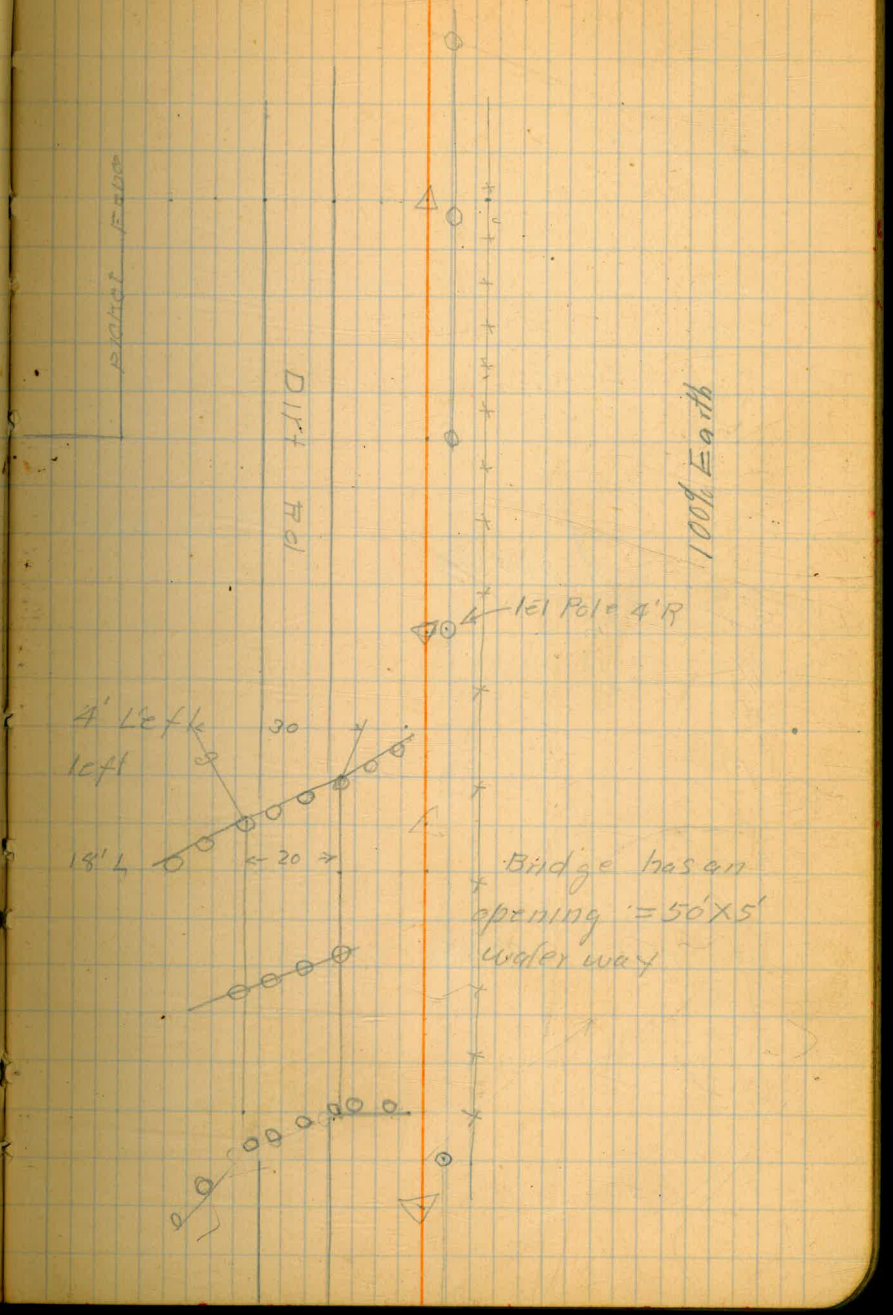
681+00

+81 wing wall of Br 2.6' Left

+33 1st pile 4' R

680+19 P.O.T





RK

Mag

8 P.O.T.

7

+00 gate on Left (RG Robins)

6

5

694+0 S69°33'W S53°10W Z367

693+68 Z0°10L

693+67 To Tonto Heights

+28

3

2

691+00 Pot S89°43'W

690+0 S73°25'W

9

688+0

40' Line 90° to Back Tang

telephone Line 3R

Dirt Rd

100' Earth

Power Line + Tel. Line turn North Here to Scripps Ranch

Herc. Sat. Dot. 17.4PM.

RK

709+75

9

8 POT

7

6

5

4

+ 4A

4

703+00 POT

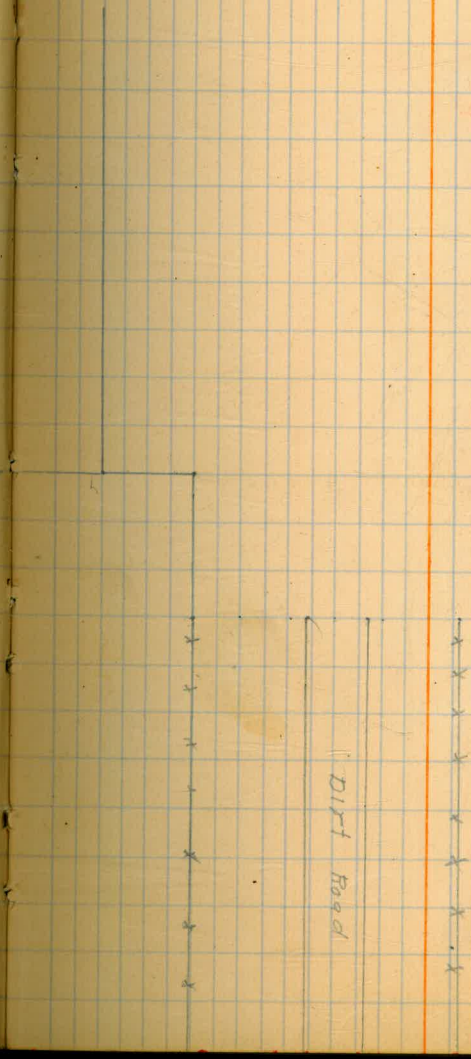
2

1

700

699+00

5690389 W



RK

720+0

9

8

+65 S83°48W S67°50W 1438

717+35 14°15' R

7

6

+16

+30

715+00

+89

+26

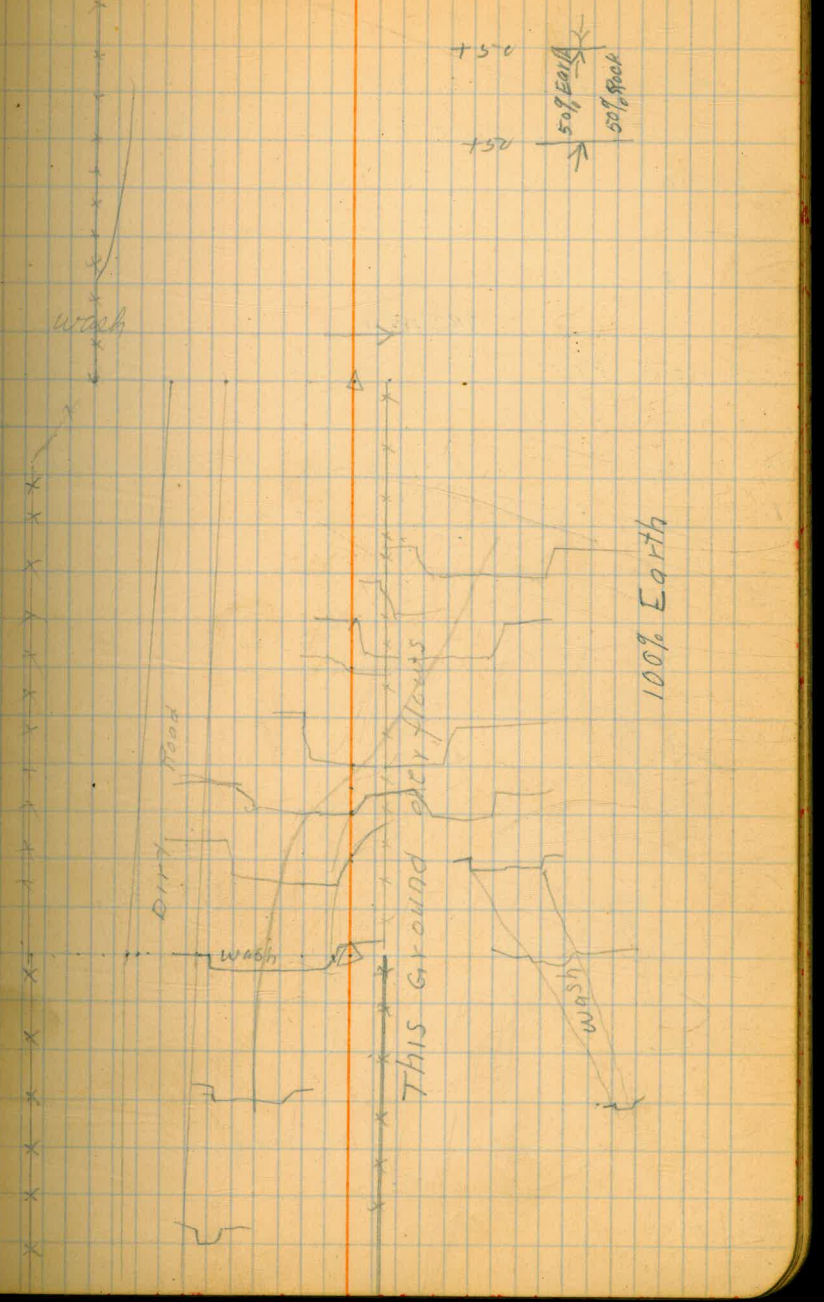
4

713+00 P.O.T. S69°33W

712+0

711+0

710+00



RM

Mag

+37 18" Clp Culv 10'L

+20 Fence Line South

730+0

9

S83°48'W

7284 00 Pot

727+37 Triangle Poultry Farm gate entrance

7

6

5

4

S67°55'W

3 P.O.T.

722+0

+95 2'x3' wood culv

721+0

28' Lx1

100' Earth

RM5

Mag

742+50 P.O.T.

2

1

+07 8" C.I.P. Culv.

740+0

9

8

7

6

5

4

733+24 8" Concrete Culv 4'L

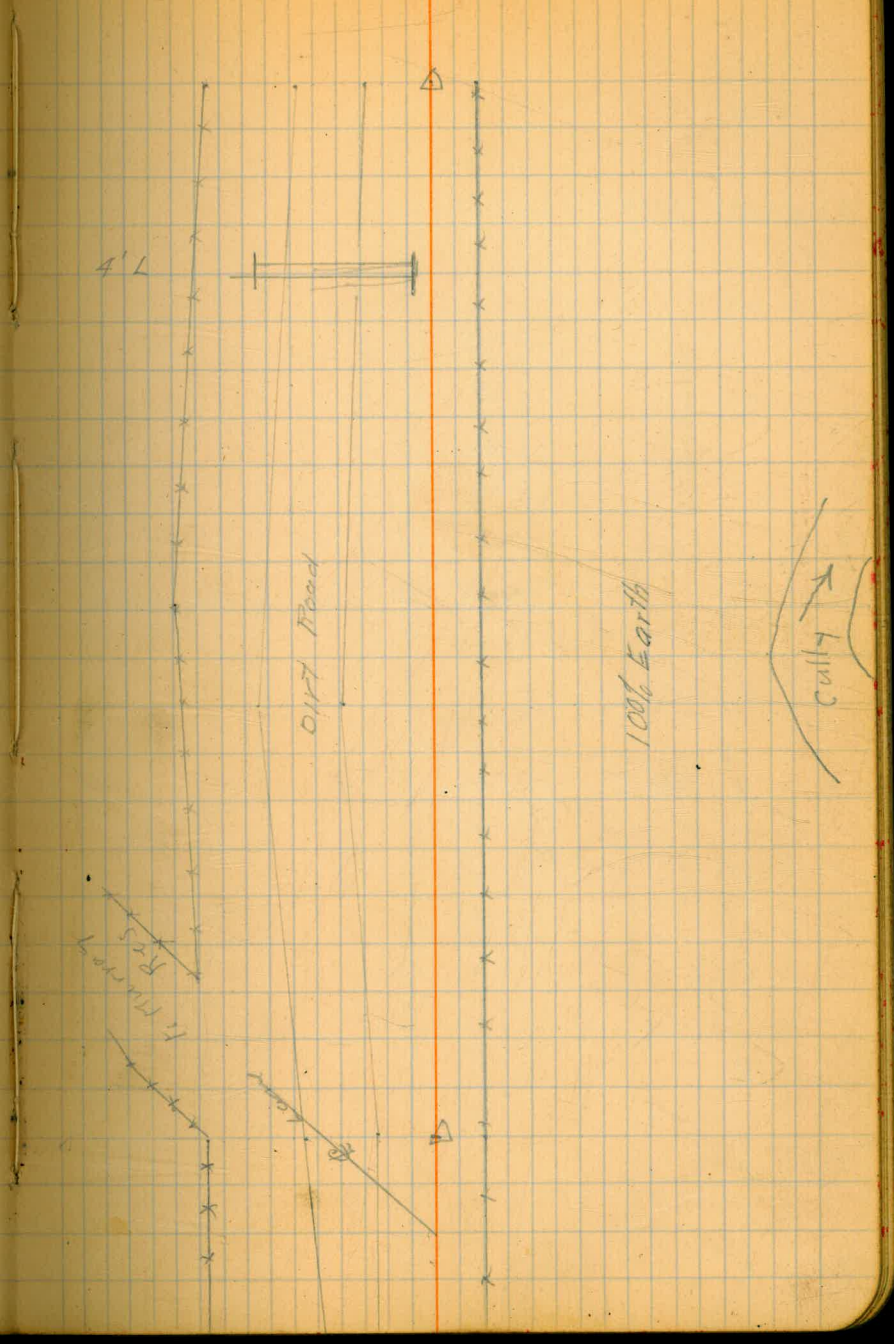
2 S78°10'W

PI 3855

731+73 10°12' Rt

+21

731+0 S83°48'W



RK

5

754+00 P.O.T

3

2

1

750+0 Cent of wash 100' wide

9

8 POT

7

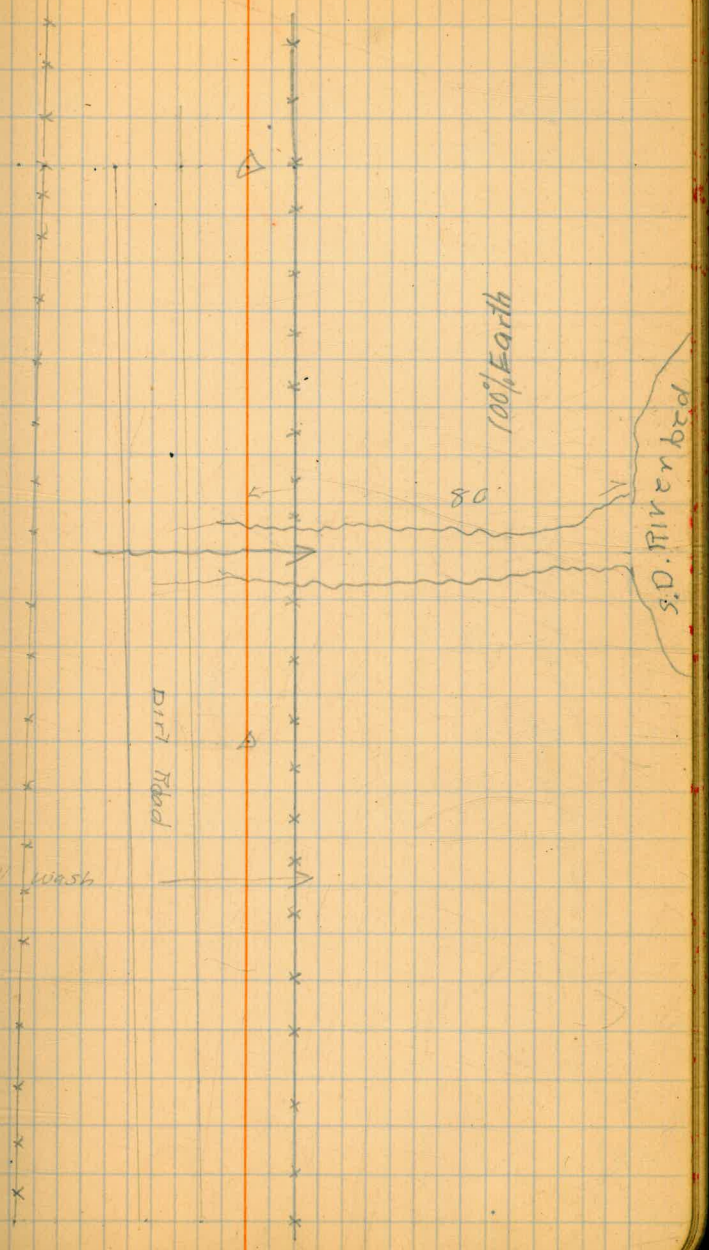
7+50

6

5

4

749+0



RK

7

+22 12" C I P 8'L

6 P.O.T

5 ~~P.O.T~~ Netsite

4

3 N86°W

2

1 P.O.T

+48 18" C I P 4'L

760+0

+18 24" Concrete Pipe Culv

9

8

7

75+0

See Note at Sta 813+00

100% Earth

RM

May

9

8

7

6

5

4

3

2

1

N79°52'W

N78°55'W

S84° 35'W 1951

770+28 PI 6°04' Rt

770+00

9

768+0

100' Earth

Dirt Road

RM

790+0				
		N80°44'W ✓	S82°55'W	16.03
789+79	0°48'L			
789+00				
8				
7				
6				
5				
4				
3	POT	N79°56'W ✓		
2				
1				
780+00	POT			

Boren
Sprunt
Reynolds
Fraser

DIRT Road.

1000 Earth

Henry Mound
OCT 19 330 PM

RK

3

802+65 POT

1

+40 12" Concrete pipe 13' L

800+00

9 P.O.T

8

7

6

5

+41

4 POT

3

2

791+0

N 80 44' W

12" CIP 17' Left

100% Earth

Grass

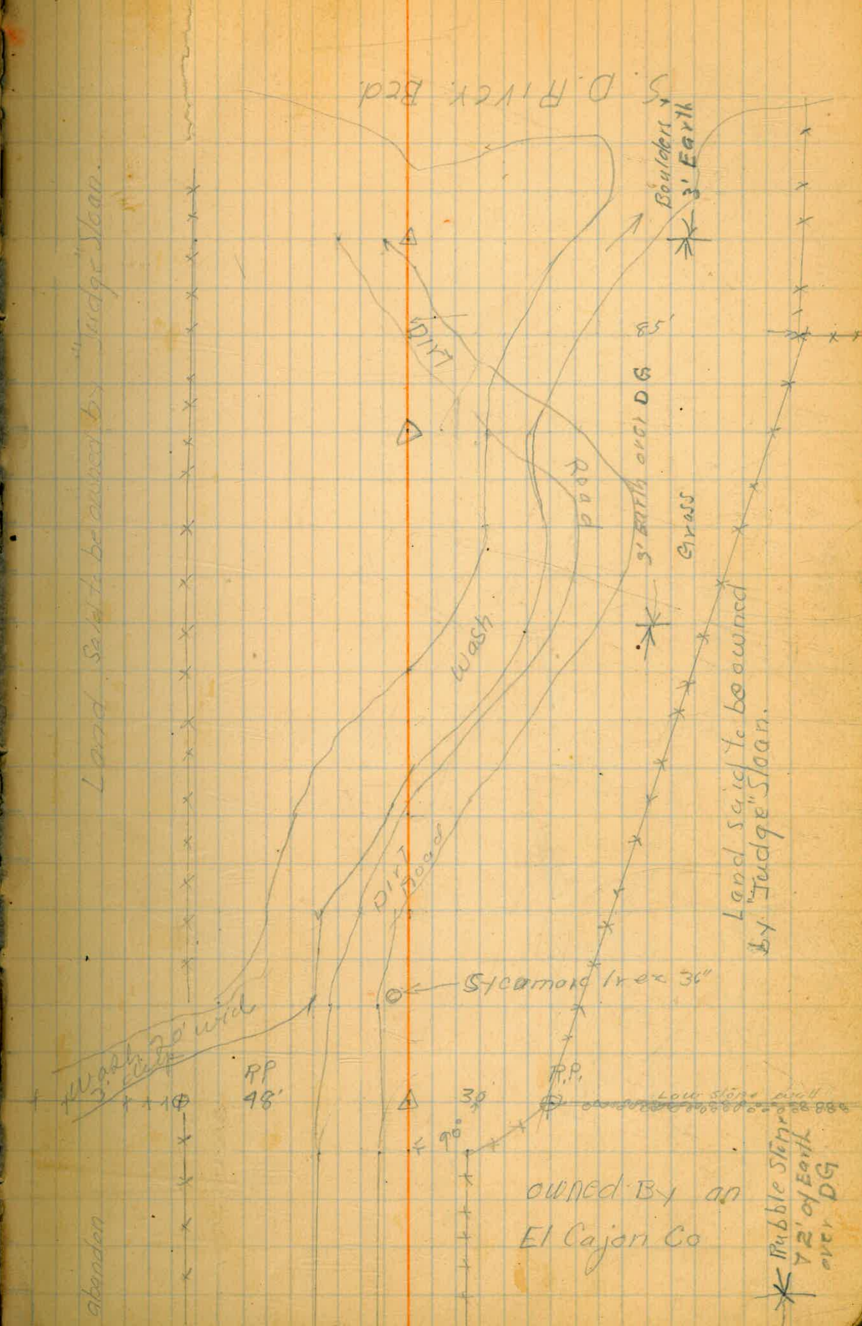
✓ RK

Note

A Possible improvement in the Line would be to connect Sta 813+0.0 with 766+00 with an approx tan.

		✓ N88°34'W			4.73
813+0	P.I. 70°59'L		✓		
+58		edge of bank			
812+0					
811+0	P.O.T.				
810+0					
809+00					
+87					
+66		cent of wash			
+15		on Bank of wash			
808+00					
807+00					
806+00		✓ N17°35'W	✓		
805+82	PI 63°09'R	(126°18') N11		N33°25'W	7.18
+72					
5					
804+0					

here 3.40 P.M. Tues oct 20



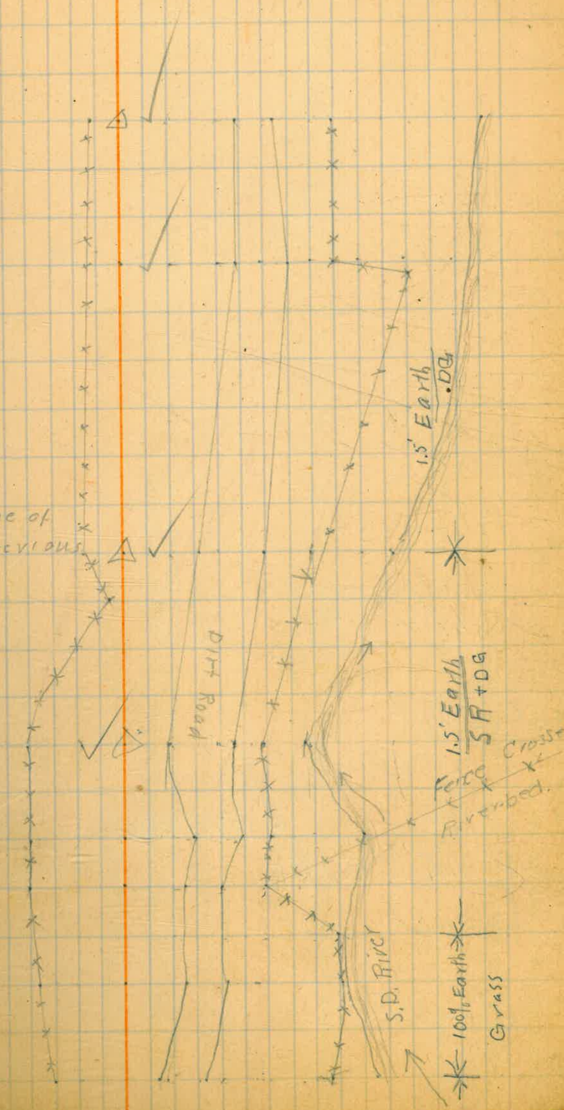
✓ RK

Boren
Sprunt
Reynolds
Frasier

			Angles + their Doubles	Mag	
3					
2				S47°00'W	
+38	P.O.T.				
821+00					
+46					
820+0					
+54					
819+00					660
		✓ S63°11'W	✓		~~560~~
PI 818+54	7°30'L		(7°30' 14°59) (7°29'30" 15°00')		
+34					
818+0					
		✓ S70°41'W	✓		81
817+73 PI	20°45'L			S55°35'W	
+70					
816+0					
+70					
815+0					
814+0					

Note
2.0 r. left is one of the old hubs of previous survey

is + on Rock



✓ RK

angles & their doubles

4

3

2

831+00 P.O.T.

+50 axis of old Ruined Dam

830+00

9

8

7 554°35' ✓

+70 POT

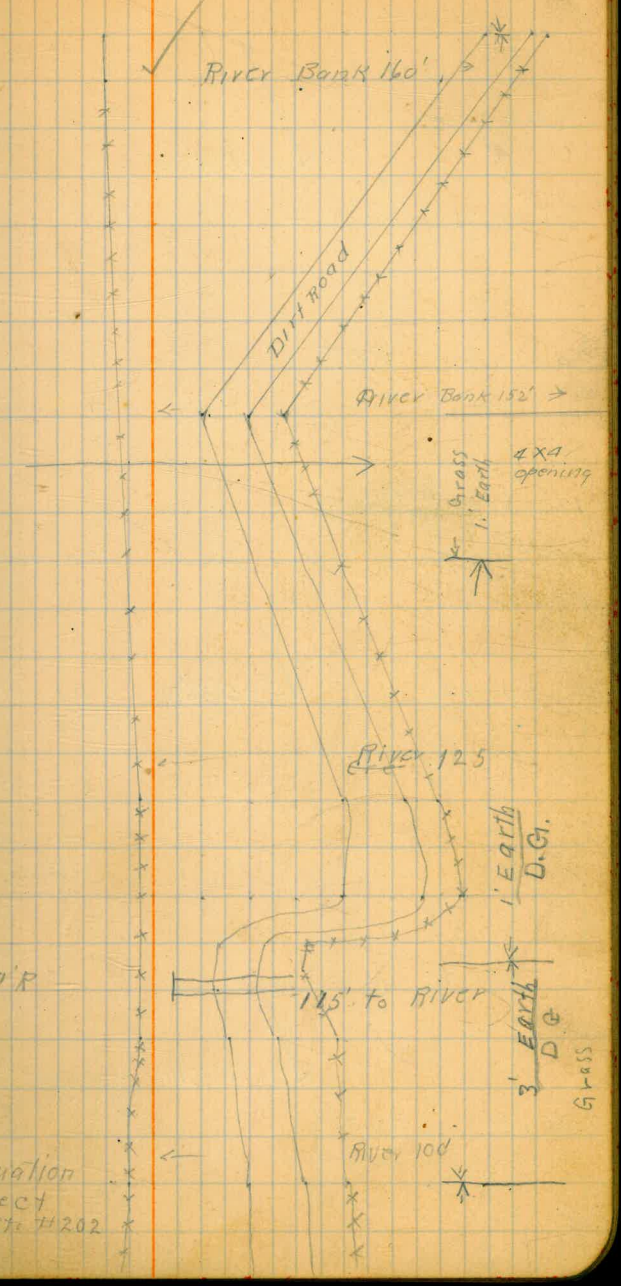
826+60

825+60 571°29½" 8°18'/8 18 1169

+ 14 PT 818R 1C 35/1636

824+00

823 ver Forward
824+00 =
Back



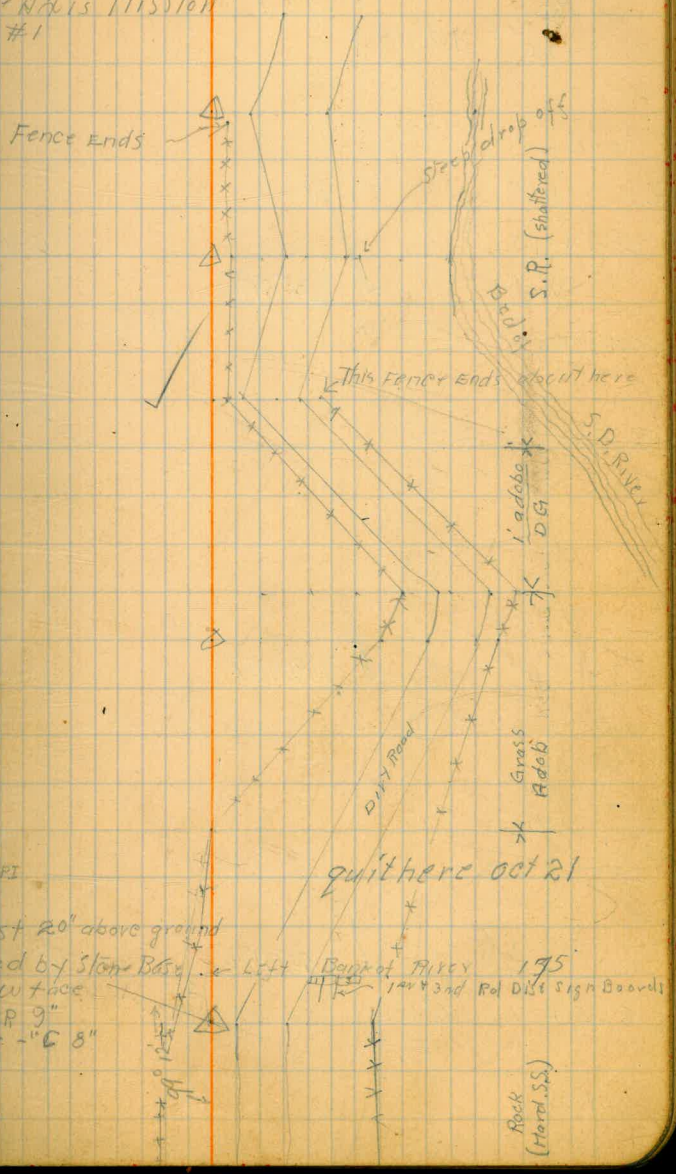
Boran
Sprunt
Reynolds
Fraser

RK

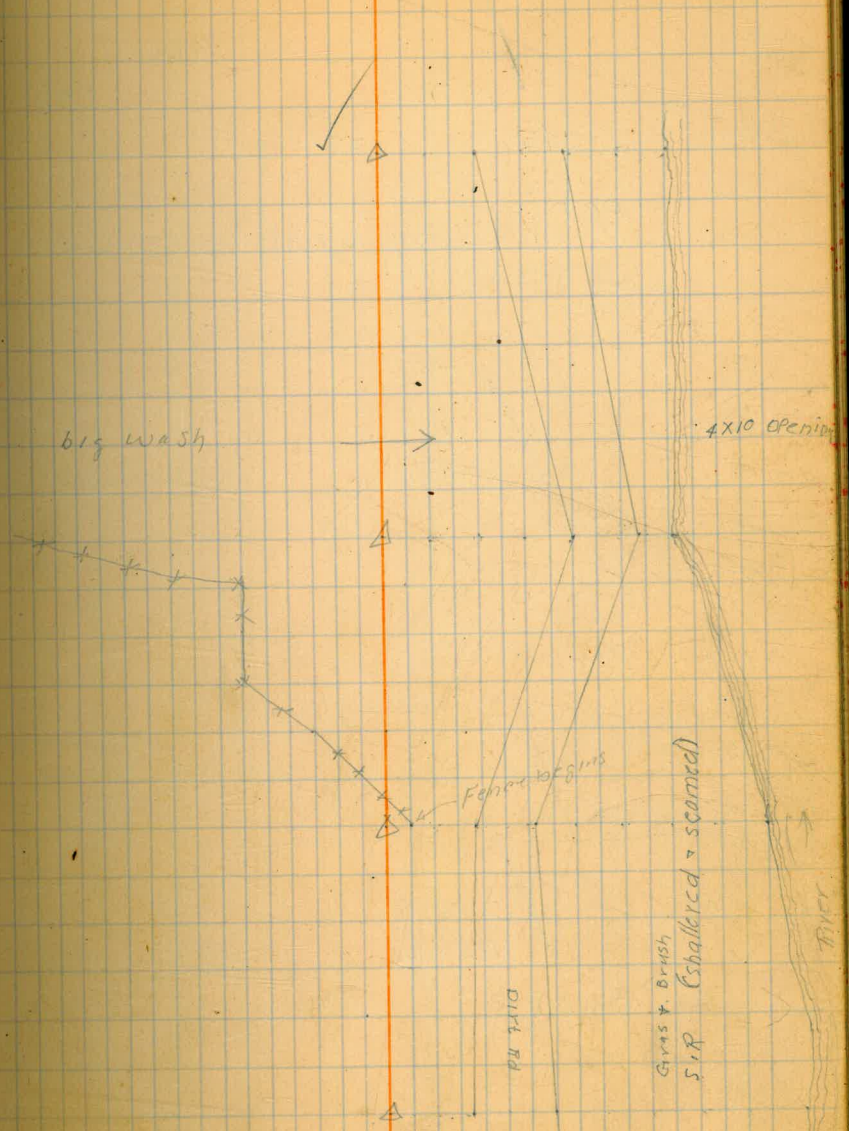
Mag

843+00					
		S 4° 40' W	✓	S 12° 35' E	233
842+54	PI 28° 16' L		22 16 30 / 44° 33'		
2					
841+92	P.O.T.				
841+00					
+50					
840+0					
839+00		S 26° 56' W	✓	S 10° 45' W	421
838+33	10° 00' L		10° 00 / 28° 00		
8					
7	under fence				
6					
		S 36° 56' W	✓	S 20° 45' W	250
835+83 PI	34° 33' L		(34° 33' 30" / 69° 06') 34° 33' / 69° 06		
835+00					

About the Axis Mission
Charge Site #1



851+ 0		S23°46'W	S7°30'W	283
850+70	PI 19°48'R	19°48' 39°36'		
850+0				
+35				225
849+10		S3°58'W	S12°10'E	~~185~~
9		13°4'30" 26°09'		
848+85	13°05'R			
848+45				
8				
7		S9°07'E	S26°50'E	233
	PI	7°36' 15°12'		~~275~~
846+12	7°36'L			
6				
5		S1°31'E	S18°50'E	125
	PI 6°11'L	6°11' 12°22'		
844+87				
844+0				



✓ RK

Mag.

86 c		S43°30'W		
	S59°10W ✓	10°04' / 20°08'		746
PI 859+75	10°04'R			
PO.T 859+64.6	is approximately on axis			
9				
8				
	S49°06'W ✓	6°52'30" / 13°45'	S33°00'W	218
PI 857+57	6°52'R			
7				
6				
+58				
5				
4				
	S42°14'W ✓	18°28' / 36°57	S25°15'W	904
853+53	18°28'R			
3				
452+00				

S59°55'E

No Carex S.P. (shallowed + scoured

87°24'

S38°18'E

of Mission Dam Gorge Site #2

axis of DS #2 (approximately)

S29°36'E

Beaver Slide Material

Piles + shovel Excavation

drain structure

4'x4' Culv under Rd

use a high hdrs.

Gulch very steep, and cut into blue Granite Bed Rock

Boren
Spruit
Reynolds
Fraser

✓ RK

871+0

870+0

869+93 POT

9

8

564°20'W ✓ 548°25'W 387

867+21 P.I. 5°10'R 5°10'R / 10°20'

7

6

5

864+83 Pot 559°10'W

4

3

2

1

single oaks
2 Elms
S.P.
(Hard S.S.)

RWCr 90

here Oct 23 4 P.M.

S.P.

Cr 100

Small oak Trees
Earth
S.P. Large
Conifers some
Coniferdeciduous
Large boulders

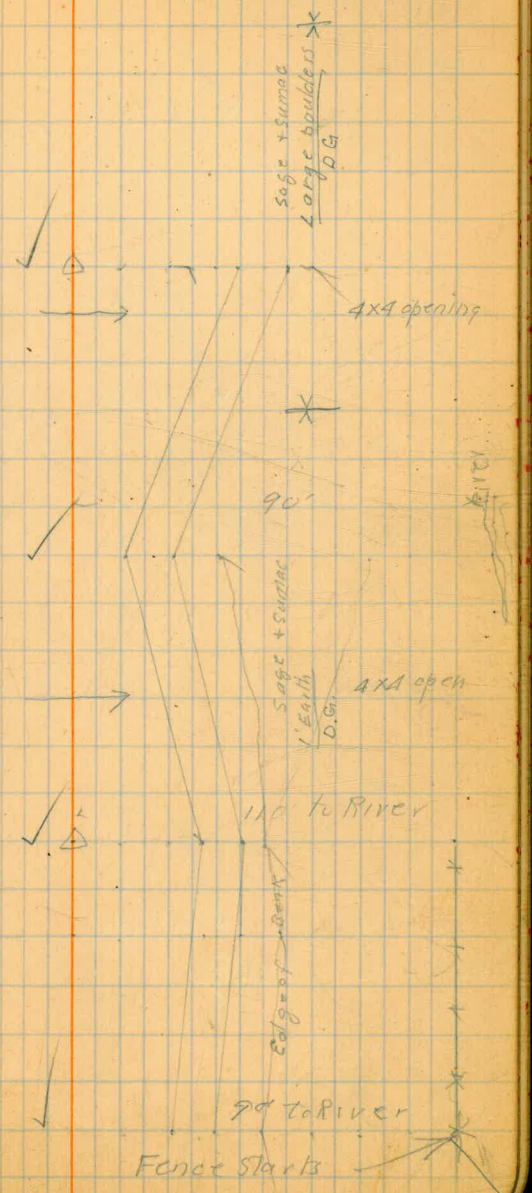
150' To River

S.P. (boulders)

Large small drain
openings here
as often as
will permit.

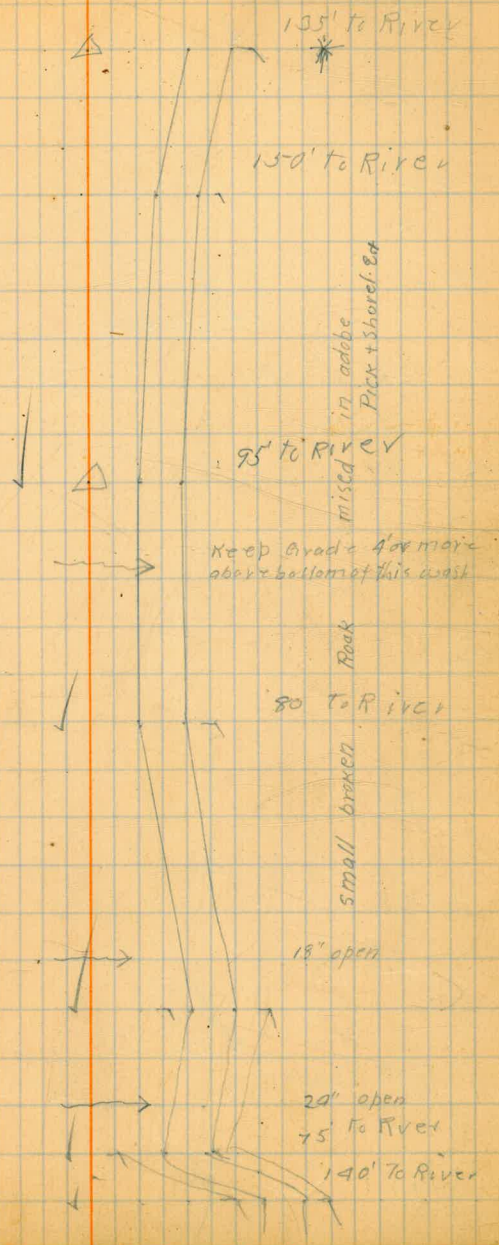
RJK

880 + 00				
			S 11° 35' E	
PI 879 + 25				
+25		50° 25' E		327
PI 876 + 00	14° 18' L	14° 19' 14° 18' 30" / 28° 36' 28° 37'		
+30				
7				
+60				
6				
		S 13° 53' W	S 2° 15' E	247
875 + 53	22° 12' L	22° 12' / 44° 24' 30"		
5				
+ 60				
4			S 19° 35' W	
		S 36° 05' W		218
+ 35	PI 2° 24' L	2° 24' / 4° 48'		
3				
2			S 22° 20' W	
		S 38° 29' W		227
PI 871 + 08	25° 51' L	25° 51' 30" / 51° 43' / 25° 51 / 51 42		



RK

+27	POT			
887				
		58° 09' E	17°24' / 34°48'	176
886+16	PI 17°24' L			
6				
885+0				
		59° 15' W	6°42'00" / 1024	154
884+62	6°42' L			
+27			S 7°00' E	
884+00				
+62				
3				
2				
+50		515° 57' W	16°41' / 33°23' / 16°42' / 33°25'30"	South 335
881+27	PI 16°22' R			
1				
+50				
880+25				



RK

			S 17°13'E	
	S 01° 01' E	14°54' / 29°48'30"		138
892+91	PI 14°54' L			
892+0				
+10				
891+0				
	S 13°59' W	15°02' / 30°04		257
+ 34	PI 15°02' L			
890+0			S 3°10' E	
889+50				
889+22				
9				
+51				
+15				
8				
	S 28° 55 W	37° 04' / 74° 08'	S 12° 45' W	242
887+92	37° 04' R			
887+75				

Boren
Sprunt
Reynolds
Fraser

200' to River

here 04+26 = 4 PM

4' above bottom
2.4" open

Large Boulders
Broken Pi

Large Boulders
D.G.

2.4" open

2.4" open

D.G.

165' to R

2.4" open

RA

Backed in

9

+20

8

897+0

S 22°06'W

2957

896+43

1°42'L

1°42½
3°24

55°33'W

896

895+80

895+0

S 23°48'W

214

894+29

24°49'30" R

24°49'
49°39'
24°49'
49°39

894+00

20

893+0

24" open

200' to River

4x4' apx.

150' to River

24" open

✓ RK

911+0

910+0

9

908+00 POT in Saddle

7

6

S 22°06' W

5

4

3

902+20 P.O.T County Road turns Right passing
thru a saddle S 55°25' W (Magnetic)

2

1

900+0

Road is 113 Steps (450' approx) Right

250' to River

in a split Boulder

230' to River

✓ RK

922+00 P.I.

1

920+00

9

8

7 S 22°06'W ✓

6

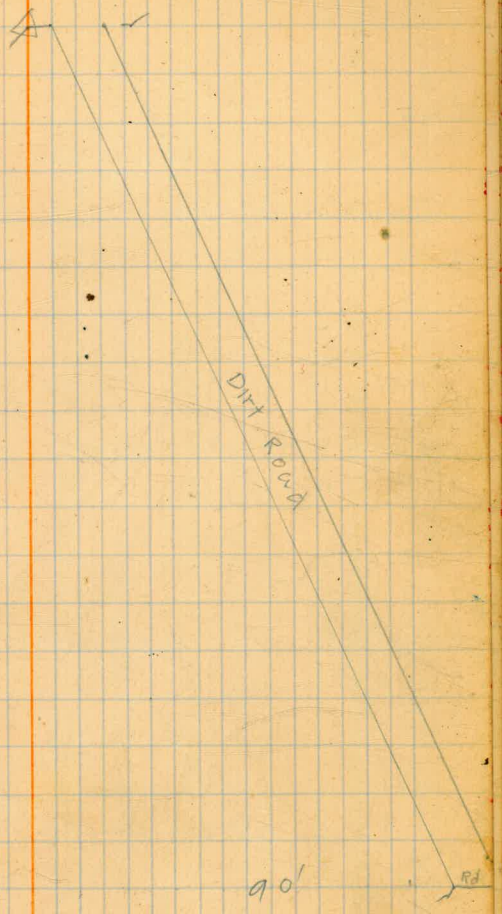
5

4

913+00 POT

2

911+15 ℄ dog spring canon



Rd Bridge 156' R

RK

Mag

3

2

1

N87°44'W

S 76°30'W

450

PI
42° 09' R

42°09'
84°18'

930+50

930+00

9

928+75 Cent Creek

8

927+74.7 = Huron Hale's Line probably Sta

7

S 50° 01'W

S35°00'W 450

PI
28° 01' R

28° 01'
56° 02'

6

5

S 22°01'W

4

923+00

RR

S 28° 35' W

S 45° 13' W

12° 07'

24° 14'

.841

942+92

12° 07' L

Saddle

S 40° 15' W

S 57° 26' W

37° 08'

74° 16'

.217

PI

37° 08' L

940+75

940+00

Halters Hub 5' Left
Number un Known

Here Oct 28 4 P.M.

old Trail to County Rd

S 78° 25' W

N 85° 32' W

24° 51' 30"

49° 53'

30° 08'

.475

936+00

PI

24° 54' L

N 76° 15' W

N 60° 36' W

27° 08'

54° 16'

.100

PI

27° 08' R

935+00

Creek 120' R

County Rd 300' R

RK

954+05

X Gully

4

PI 39°00' R

S 47° 15' W

39°00'
78°04'

.762

953+98

3

2

S 8° 13' W

S 8°00' E

.205

PI 37°00' L

37°00'
74°00'

951+33

1

950+0

S 45° 13' W

9

8

+49

947+0

6

RR

45°

36'

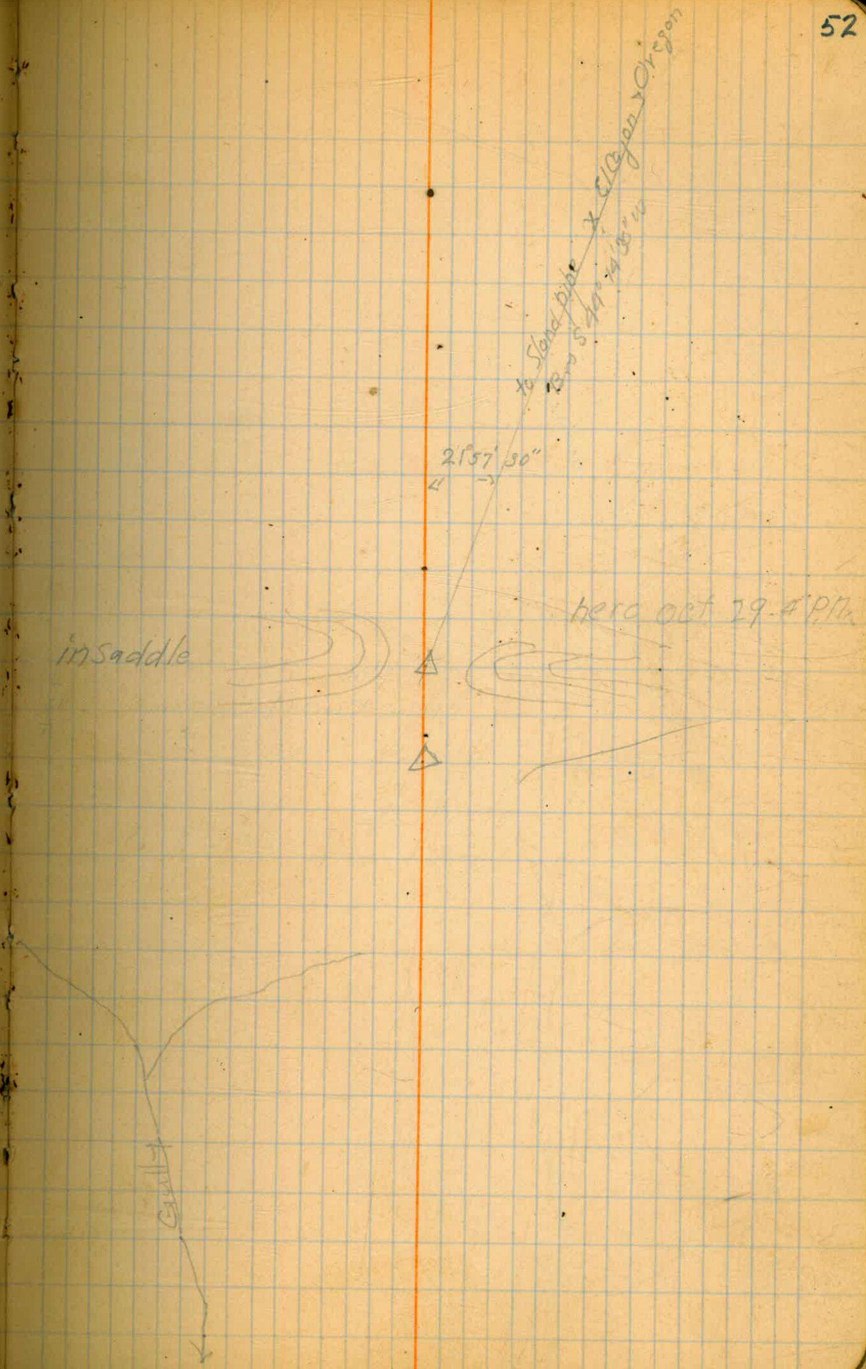
Old

Gully

℄ Gully

✓ RJS

7					
6					
5					
4				S10°10'E	
PI 963+00	16°25'L	S5°52'W	✓ 16°25' / 32°50		473
962+00	POT	S22°17'W	✓ 24°58' / 49°56	S6°15'W	200
961+00	24°58'L				
960+0					
9		S47°15'W			
8					
7					
6					
955+0					



✓RK

8					
7					
6				S 7°30' E	
		58°23' W	✓		500
97 5+00	PI 5°52' L		5°52' / 11 44		
4					
3					
2				S 1°30' E	
1					
970+0					
9					
8					
		S 14°15' W	✓		727
967+73	PI 8°23' R		8°22'-30' / TC 45		

Mag

990+0

989+00 Pot 50°09'E

8

+36

7

6

5

984+25 P.O.T.

984+00

3

2

1

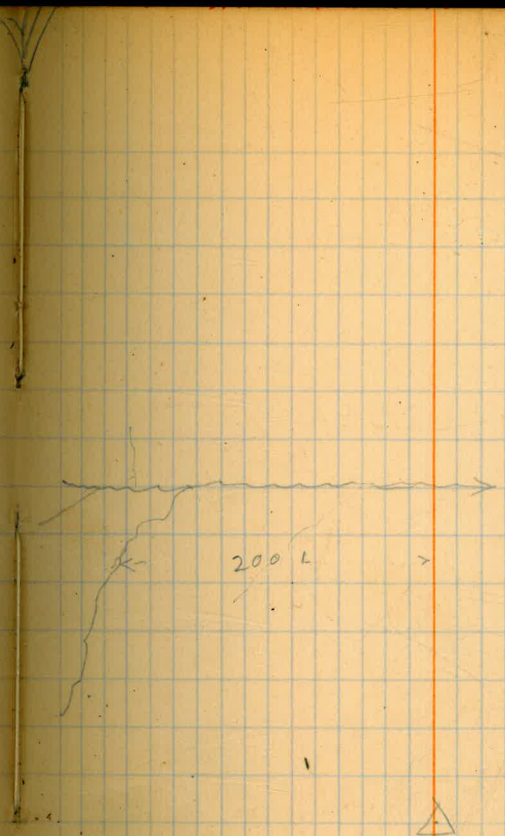
516° 10'E

2 50°09'E 8°32' 17°04'

2035

980+0 8°32'L

979+0



RH

1000 + 35 5°20'L ✓ S 5°29'E ✓ 5°20' / 10°49' S 21°25' E 793

1000 + 00

9

8

+90 this draw is much Les
500' East where Haler X's

7

6

P.O.T
995 + 78

5

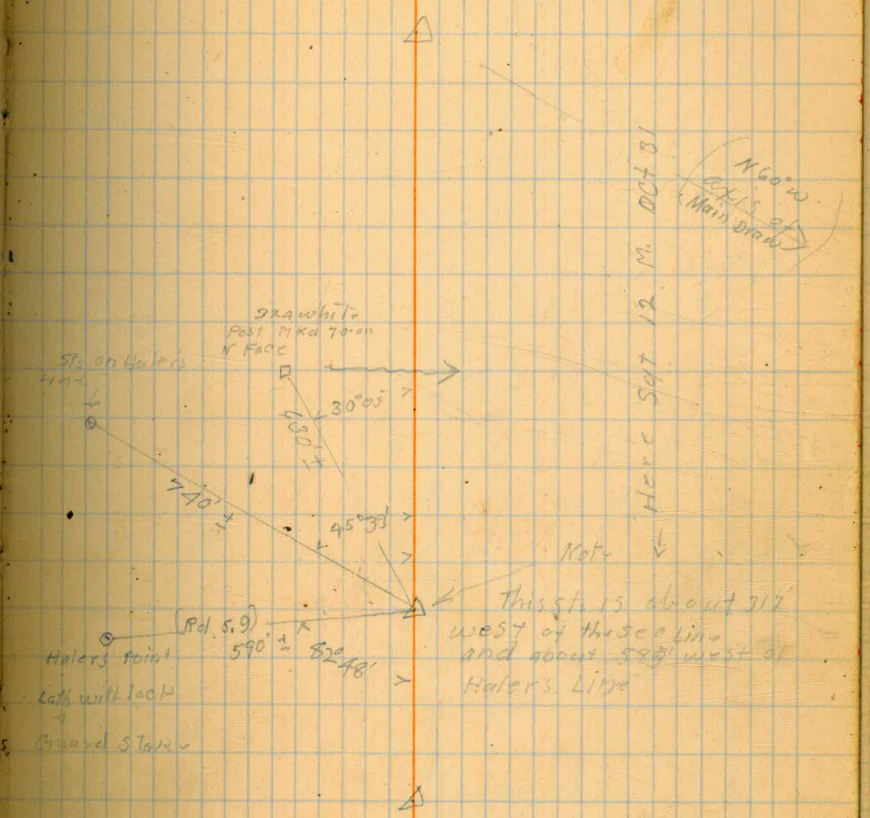
1 P.O.T ✓ S 0°09'E ✓

3

992 + 0

991 + 0

Work { Barker
Leach
Reynolds



✓ RDS

1010+00

+85

9

bottom of draw

S11°50'W

S27°56'W ✓

663.1

1008+28 PT 33°25' R

33°25'
41°50'

8

1007+78.7 P.O.T

+25

7

6

+50

+20

5

× Main draw 20° wide

4

1003+20 19 Miles.

3

55°29E ✓

2

1001

Not to scale

45°

95° to Draw

1007+78.7
743.7

90° To draw

115° to draw

100' to draw N 45

115' → To Draw N45

RR

Mag

Nav 3 { Boren
Leach
Reynolds
Simpson

1

1020+00

9

8

7

6

5

S 33° 57'W

1014+91.1 6°01' R

5°01'
12°02'

S17°50'W 708.9

Gravel Rocky Slope

4

3

1012+60.5 P.O.T. S27°54'W

Draw L+47

2

1011+0

Brush & Cactus

RK

Mag

3

+75 P.O.T S 53° 09' W

2

1

1030 +00

9

S 36° 45' W

8

+51 ℄ Gully

7

6

5

+50

4 POT

3

PI S 53° 09' W

1022 +00 19° 12' R

19° 12'
38° 24'

6326

Sage x Cactus

60°

X Trail

✓ RT

Mag

1

3

2

S 36° 45 W

1041+35 P.O.T. ✓ S 53°09'W ✓

1

1040+0 P.O.T

9

8

1037+45 P.O.T. S 53°09'W ✓

7

6

5

1034+1

Sage Brush

RNS

25' Left to Edge of field
+ head of draw

1052+00 P.O.T S 55°09' W

1050+00

1048+00 POT S 55°09' W

+90

1045+00

+75 Bottom of Draw

200' Left to edge of old field + Slope of Cultivation.

Ground has once been cultivated

Edge of farm

✓ RJS

8

7

6

+75 in head of draw

5

1064+00 POT ✓ S59°09'W ✓

3

2

1061+40 Lt field to Sage

1

1060+00

9

8

1057+00

3

Sage

225' Left to Edge of field + Slope

old cultivated

RM

1080+0			
1079+32	P.O.T	S 53° 09' W	✓
9			
8			
7			
6			
1075+49	P O T	S 53° 09' W	✓
5			
4			
3			
2			
1			
1074+00			
9			

Here ends 4th day 4 p.m.

Sage

✓ RAS

1

1090 + 00

9

1088 + 73.7 P.O.T. S 40°00'W ✓

8

7

7[44]

6

PI

1085 + 26 13° 05' L S 48°04'W ✓ 13°05' / 24° 10'

5

A

3

S 59° 09' W /

1082 + 40 ℄ Gulch Heads 1000' ft

2

1081 + 0

S 24°10'W

To POT 1133 + 96

4820

Topog - Not to Scale see Last Page this Book

Far outline of Topog Sta 1102 + 00 to 1110 + 25

bottom of draw about 300' Left Skip Continuous from Line.

30°

RM

4

3

1102+72 P.O.T. ✓ S40°00'W ✓

2

1

1100+00 P.T.

9

1098+00.3 P.O.T. ✓ S40°00'W ✓

7

6

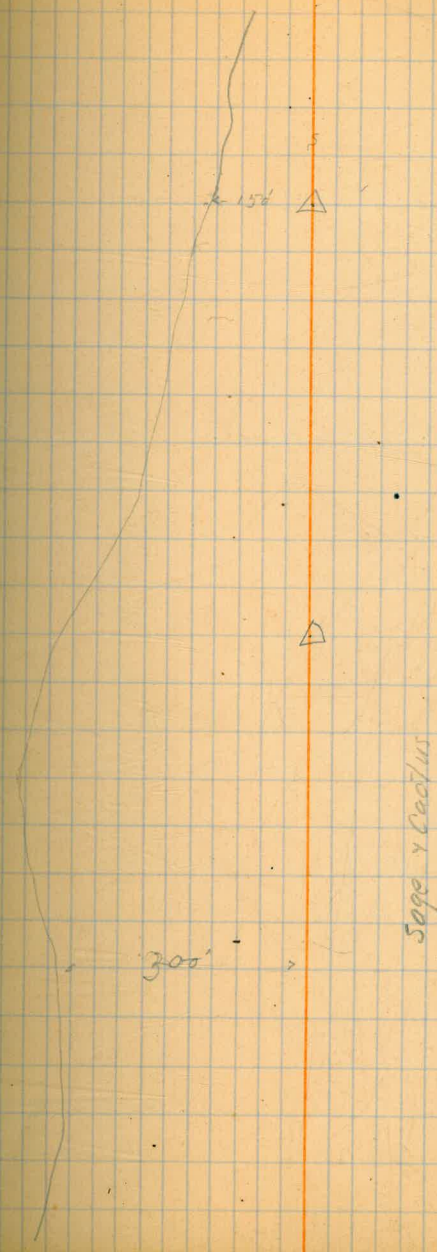
5

4

3

2

Topog - not to scale



✓ RAB

5

4

3

2

1111+00

+15 cross Alvarado Canyon creek bed

1110+00

9

8

7

1106+68 P.O.T. ✓ S40°00'W ✓ S21°00'W

6

5

796

4

3

← Void to Sta 1107+00 Next Page
C M Boren

Here 4 PM Nov 5

✓ RMS

140 Bottom of draw Brs N+S

+05 x fence Brs N+S

1164.0

1145+40 P.O.T S40°00'W

5

4

+75 x Fence Frompesture to Sage Brs: E+W

3 edge of Bottom

2

1

+15

1140.+00 1145+40
1100+68
18 7"

9

8

+32 x fence Entry pasture Brs NW ESE

+25

7

1106+0

East End of Pasture Brs N+S 300' Left

Pasture

Bottom

Sage

Sage

1126+20 P.O.T

6

5

1124+50 P.O.T.

4

3

1122+75 X trnsx Brs Z trv

2

1

1120+00

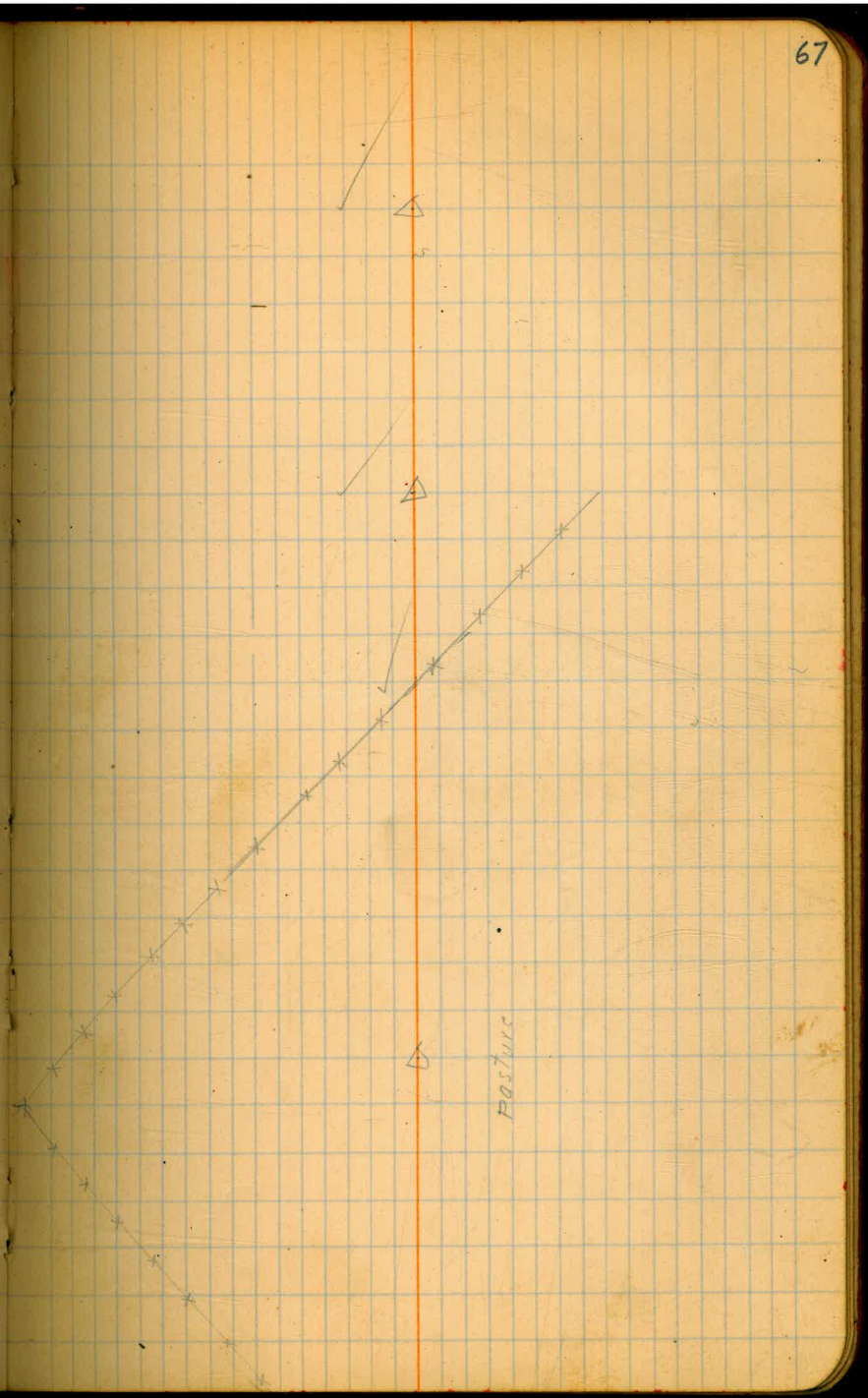
S 24°00'W

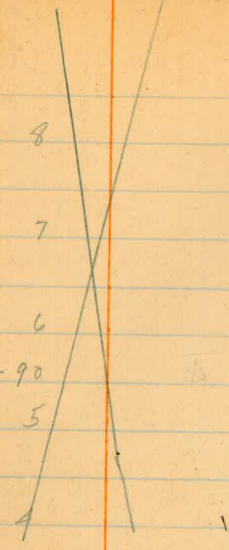
1119+05 P.O.T. S 40°04'W

9

8

1117+00





8
7
6
+90
5
4

P.O.T.
1133+46 End of this Book

3
2
1

S 24° 00' W

1130+00 S 40° 00' W

9
8

1127+

Boren
Reynolds
Leach
Simpson

68

Here 4.8M Nail

in saddle 500' East of Rd From Fairmount to Mission

1194+00

+08 West Side of R

3 ℄ Road To Fairmount St + Old Mission

+90 East Edge of Road 1.3 miles to N. End of

2 Fairmount pavement

1

1140+11.5 POT

1140+0

9

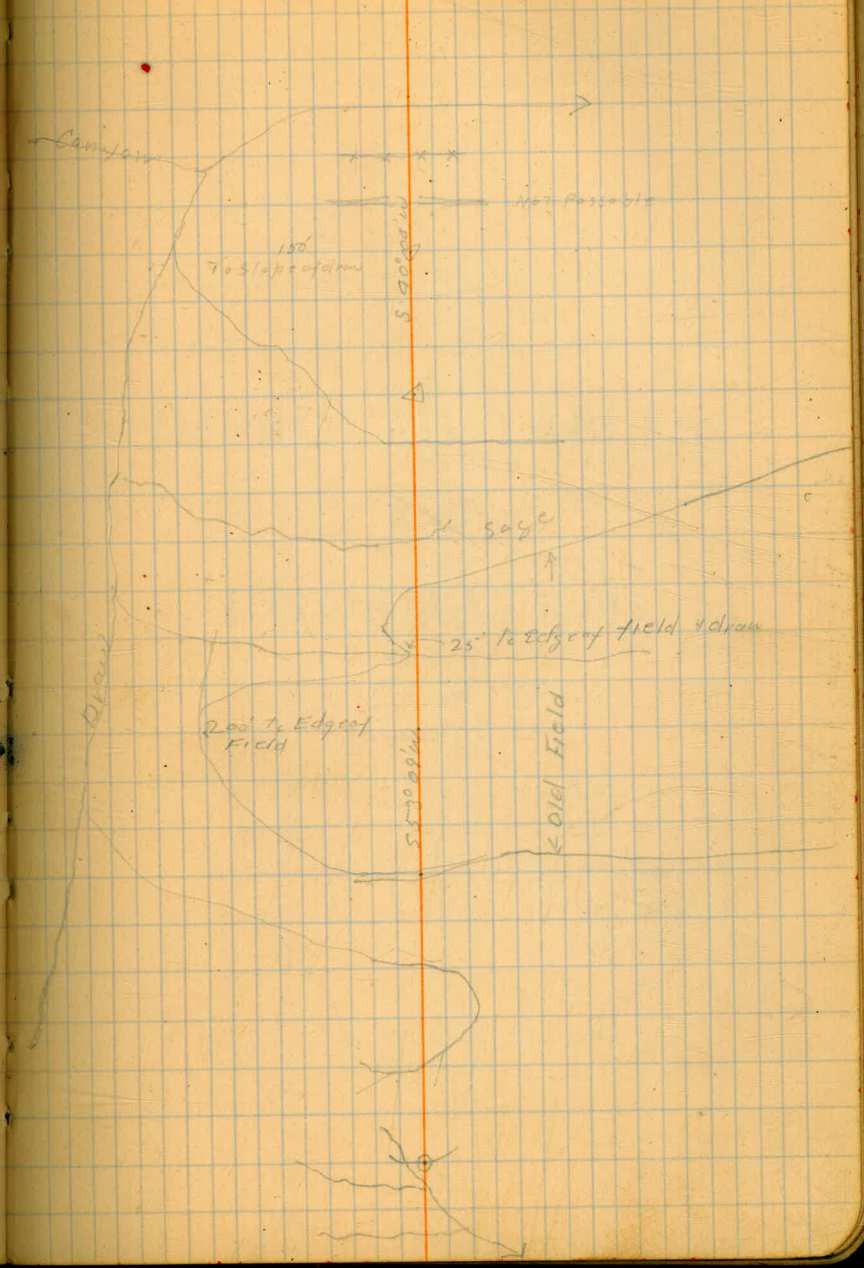
Abandon

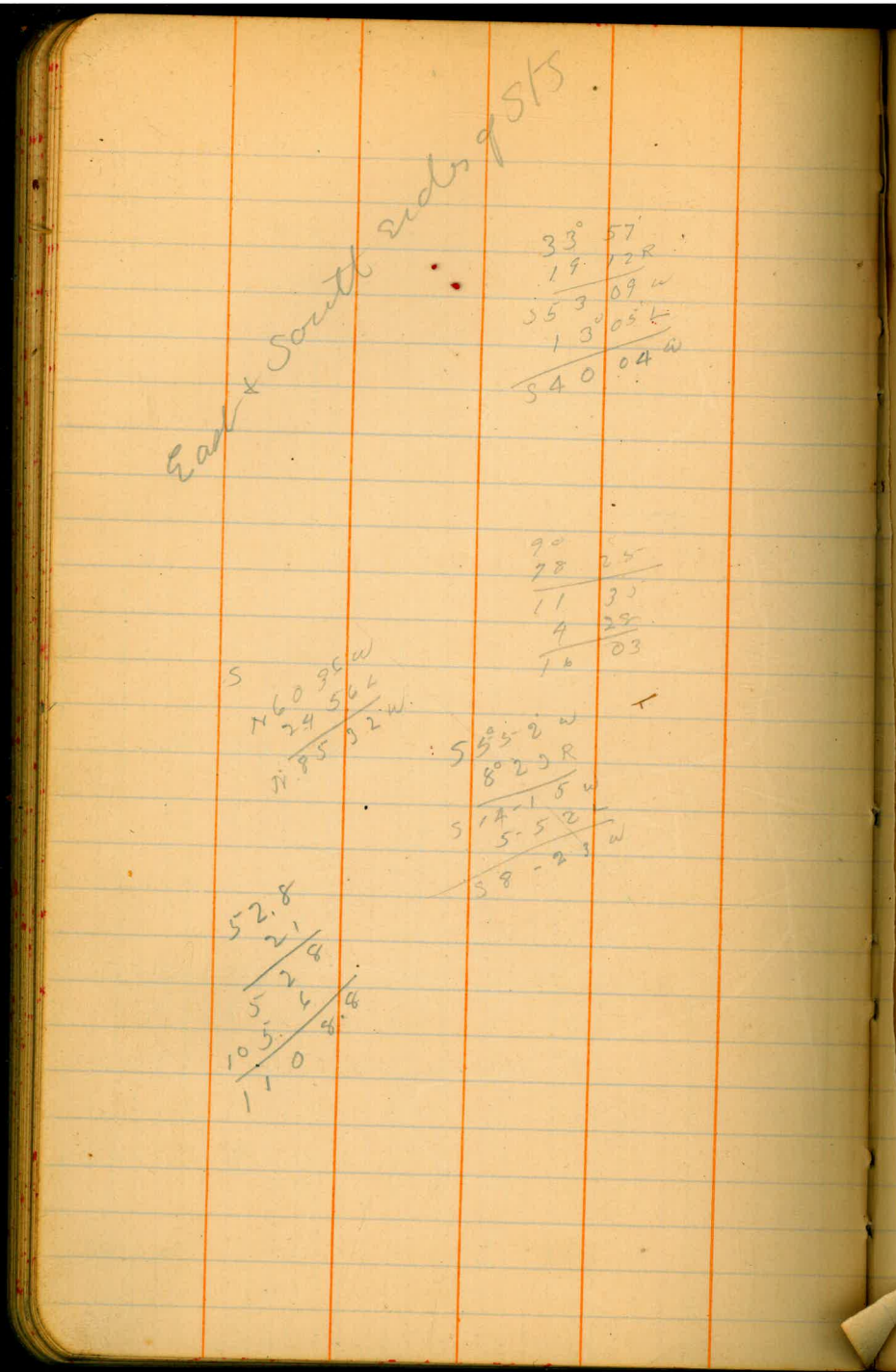
Here Noon Set Nail 7

1110+15	℄	Alvarado Canyon Creek
1107+32	x Fence	
1107+25	x Road	
1106+68	Pot	
1102+72	Pot	
1085+26	13°05' L	4820.0
1082+40	℄ Gulch Heads 1000' R	
1065+75	Draw	
1061	LV Field ↑ Sage	
1056+0		
1		
1052+0		
1048+00	Pot	Edge of old cultivation
1044+95	℄ draw	
1027+51	℄ Gully	
Sta 1022+00	19°12' R	
		6326.0

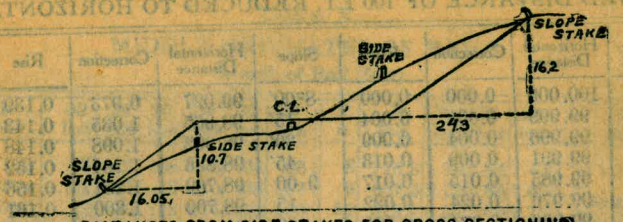
S 40° 00' W

S 53° 00' W





IMPROVED TABLES AND INFORMATION



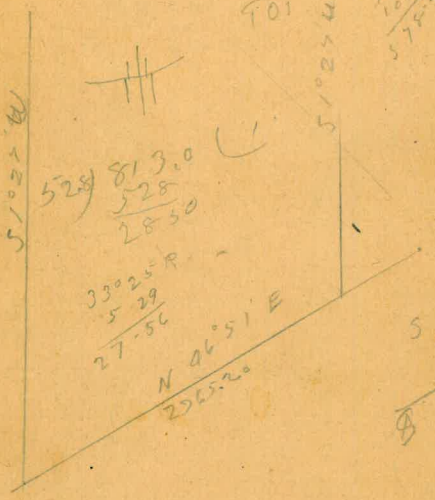
DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.

SLOPE 1½ TO 1. ROADWAY OF ANY WIDTH.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0 00	0 15	0.30	0.45	0.60	0.75	0.90	1.05	1.20	1.35	0
1	1.50	1 65	1 80	1.95	2.10	2.25	2.40	2.55	2.70	2.85	1
2	3.00	3.15	3.30	3 45	3.60	3 75	3.90	4.05	4.20	4 35	2
3	4.50	4 65	4.80	4.95	5 10	5 25	5 40	5.55	5.70	5.85	3
4	6.00	6 15	6.30	6.45	6.60	6 75	6.90	7.05	7.20	7.35	4
5	7 50	7.65	7.80	7.95	8.10	8.25	8.40	8.55	8.70	8.85	5
6	9 00	9 15	9.30	9.45	9.60	9.75	9.90	10.05	10.20	10.35	6
7	10.50	10 65	10.80	10.95	11.10	11.25	11.40	11.55	11 70	11.85	7
8	12.00	12 15	12.30	12.45	12.60	12.75	12.90	13.05	13.20	13.35	8
9	13 50	13.65	13 80	13 95	14.10	14.25	14.40	14 55	14.70	14.85	9
10	15.00	15 15	15 30	15 45	15.60	15.75	15.90	16.05	16.20	16 35	10
11	16 50	16 65	16 80	16.95	17 10	17.25	17.40	17.55	17.70	17.85	11
12	18 00	18.15	18.30	18 45	18.60	18 75	18.90	19.05	19.20	19.35	12
13	19 50	19 65	19.80	19.95	20.10	20.25	20 40	20.55	20.70	20.85	13
14	21.00	21 15	21.30	21.45	21 60	21.75	21.90	22 05	22 20	22 35	14
15	22 50	22 65	22 80	22 95	23.10	23.25	23.40	23.55	23.70	23.85	15
16	24.00	24 15	24 30	24 45	24.60	24.75	24 90	25 05	25.20	25.35	16
17	25.50	25 65	25.80	25 95	26.10	26 25	26 40	26.55	26.70	26.85	17
18	27.00	27 15	27.30	27 45	27.60	27.75	27.90	28.05	28 20	28.35	18
19	28 50	28 65	28 80	28.95	29.10	29.25	29.40	29.55	29.70	29.85	19
20	30 00	30 15	30.30	30.45	30.60	30.75	30.90	31.05	31.20	31.35	20
21	31 50	31 65	31.80	31.95	32 10	32 25	32.40	32.55	32 70	32 85	21
22	33 00	33 15	33 30	33 45	33.60	33 75	33.90	34.05	34.20	34.35	22
23	34 50	34 65	34.80	34.95	35.10	35 25	35 40	35.55	35.70	35 85	23
24	36.00	36 15	36.30	36 45	36.60	36.75	36.90	37.05	37.20	37.35	24
25	37.50	37.65	37 80	37.95	38.10	38.25	38.40	38.55	38.70	38.85	25
26	39 00	39 15	39.30	39 45	39 60	39.75	39.90	40.05	40.20	40.35	26
27	40 50	40 65	40 80	40.95	41.10	41.25	41 40	41.55	41.70	41.85	27
28	42 00	42 15	42.30	42.45	42.60	42 75	42.90	43.05	43.20	43.35	28
29	43 50	43 65	43.80	43 95	44.10	44 25	44 40	44.55	44.70	44 85	29
30	45 00	45 15	45.30	45 45	45.60	45.75	45 90	46.05	46 20	46.35	30
31	46.50	46.65	46.80	46 95	47.10	47.25	47.40	47.55	47.70	47.85	31
32	48 00	48.15	48.30	48 45	48.60	48 75	48.90	49.05	49 20	49.35	32
33	49.50	49 65	49.80	49.95	50.10	50.25	50.40	50.55	50.70	50.85	33
34	51 00	51.15	51.30	51.45	51.60	51.75	51.90	52.05	52.20	52.35	34
35	52 50	52.65	52.80	52.95	53.10	53.25	53.40	53.55	53.70	53.85	35
36	54 00	54.15	54.30	54 45	54.60	54.75	54.90	55.05	55.20	55.35	36
37	55 50	55 65	55.80	55.95	56.10	56.25	56.40	56.55	56.70	56.85	37
38	57 00	57.15	57.30	57 45	57.60	57 75	57.90	58.05	58.20	58 35	38
39	58 50	58.65	58 80	58.95	59.10	59 25	59.40	59 55	59.70	59.85	39
40	60 00	60 15	60 30	60 45	60 60	60.75	60 90	61.05	61 20	61.35	40
41	61.50	61 65	61.80	61 95	62 10	62 25	62.40	62 55	62 70	62.85	41
42	63 00	63.15	63 30	63 45	63 60	63 75	63 90	64 05	64 20	64.35	42
43	64.50	64 65	64 80	64.95	65.10	65 25	65 40	65.55	65.70	65.85	43
44	66 00	66 15	66.30	66.45	66.60	66.75	66.90	67.05	67.20	67.35	44
45	67 50	67 65	67 80	67.95	68.10	68.25	68.40	68.55	68.70	68.85	45
46	69 00	69 15	69 30	69.45	69.60	69.75	69.90	70.05	70.20	70.35	46
47	70 50	70 65	70 80	70 95	71.10	71.25	71 40	71.55	71.70	71.85	47
48	72.00	72 15	72.30	72.45	72.60	72.75	72.90	73 05	73.20	73 35	48
49	73 50	73 65	73.80	73.95	74.10	74.25	74.40	74.55	74.70	74.85	49
50	75.00	75.15	75.30	75.45	75.60	75.75	75.90	76.05	76.20	76.35	50

Computed by L. Leland Locke.

Get Elev of water table at Mr Merlins pickup N



OCT 16'