Level Book #5

Transit Book #4

S.R.H. #80

FIELD BOOK

360

10.

PINE RIVER VILLAGE

BACKUS VILLAGE

HACKENSACK VILLAGE

KEUFFEL & ESSER CO.

DRAWING MATERIALS
AND
SURVEYING INSTRUMENTS.
NEW YORK.

CHICAGO. ST. LOUIS. SAN FRANCISCO. MONTREAL.

TABLES FOR EXCAVATIONS AND EMBANKMENTS.

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.
ROADWAY 18 FEET WIDE. SIDE SLOPES 1 TO 1.
FOR SINGLE TRACK EXCAVATION.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	0
1	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	1
2	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	2
3	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	3
4	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	4
5	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	5
6	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	6
7	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	7
8	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	8
9	18.0	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	9
10	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	10
11	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	11
12	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	12
13	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	13
14	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	14
15	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	15
16	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	16
17	26.0	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.8	26.9	17
18	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.9	18
19	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.9	19
20	29.0	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.8	29.9	20
21	30.0	30.1	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	21
22	31.0	31.1	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.9	22
23	32.0	32.1	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9	23
24	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9	24
25	34.0	34.1	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.9	25
26	35.0	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.9	26
27	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.7	36.8	36.9	27
28	37.0	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	28
29	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	29
30	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	30
31	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	31
32	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	32
33	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	33
34	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	34
35	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	35
36	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	36

Calculated by Julien A. Hall, M. Am. Soc. C. E.

For Keith's Railroad Curve Tabels see end of book.

648 + 12 = 105 + 67

B.M. 1060.22

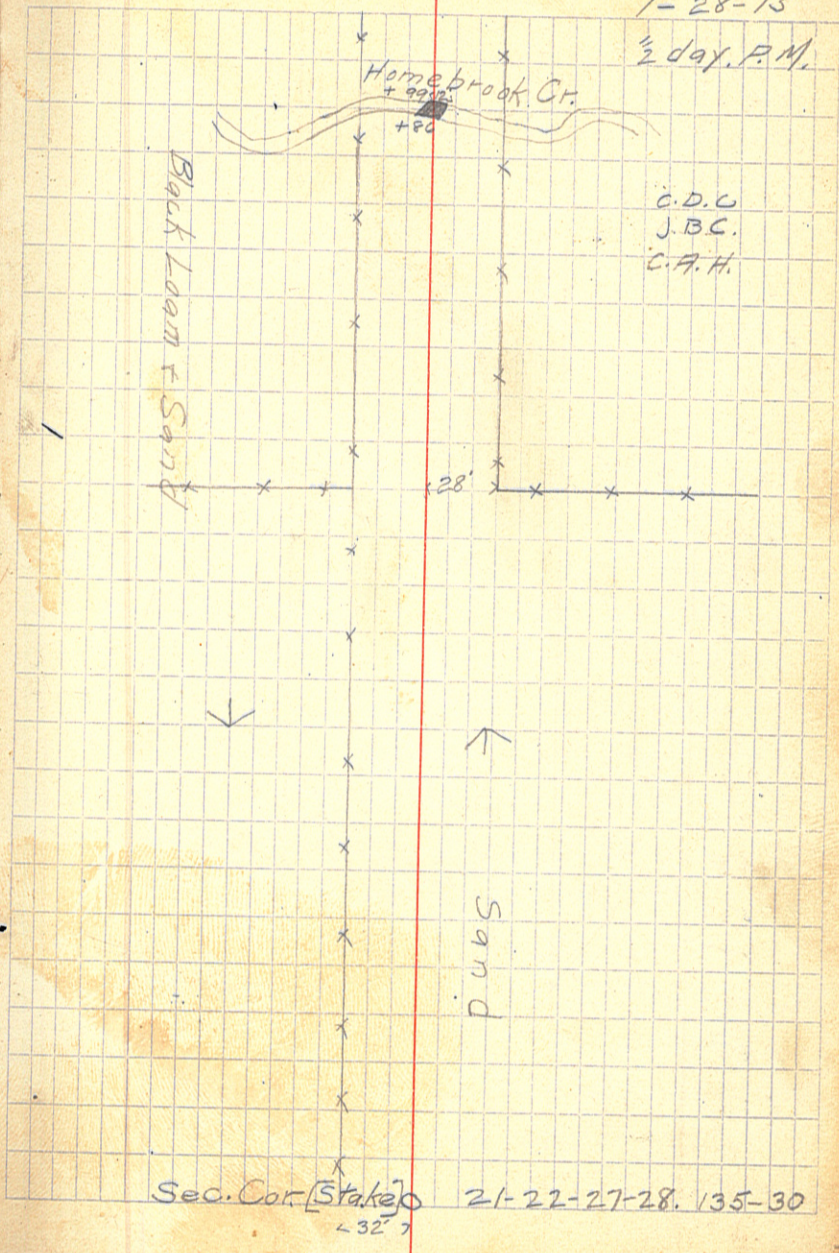
R.

S. R. H. #80

669
+925
668
667
666
665
664
663
662
+27
661
660
659
658
657
656
+04 ⊙ P.O.T.
655
654
653
652
651
650
649
648+12½

L. R. 1.

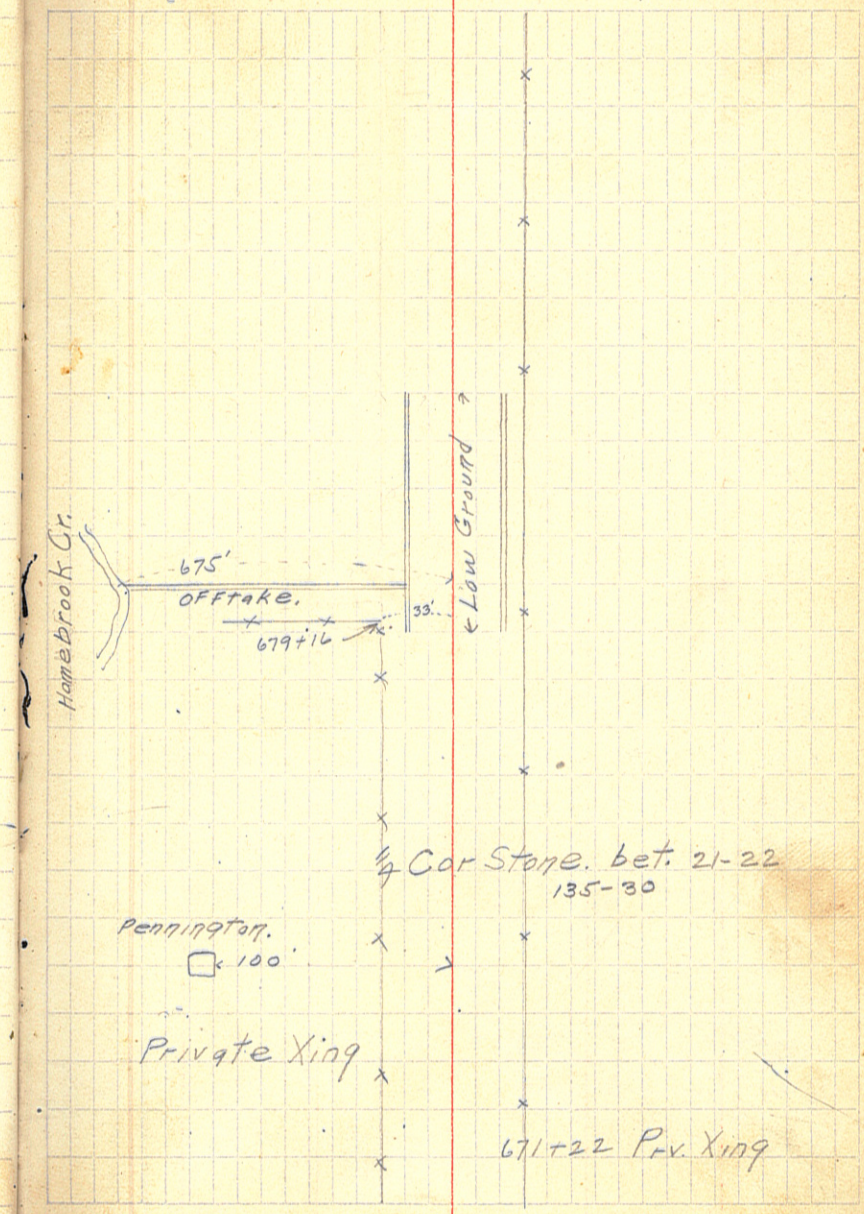
7-28-15
½ day. P.M.



S. R. H #80

691
690
689
688
687
686
685
684
683
682
681
680
679
678
677
676
675
+415
674
+75
673
+85
672
671
670

7-28-15

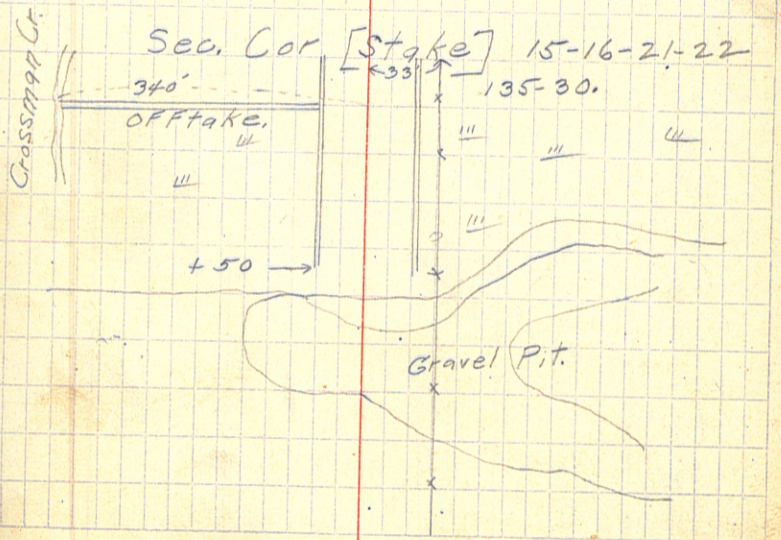


S. R. H #80

3.

7-28-15

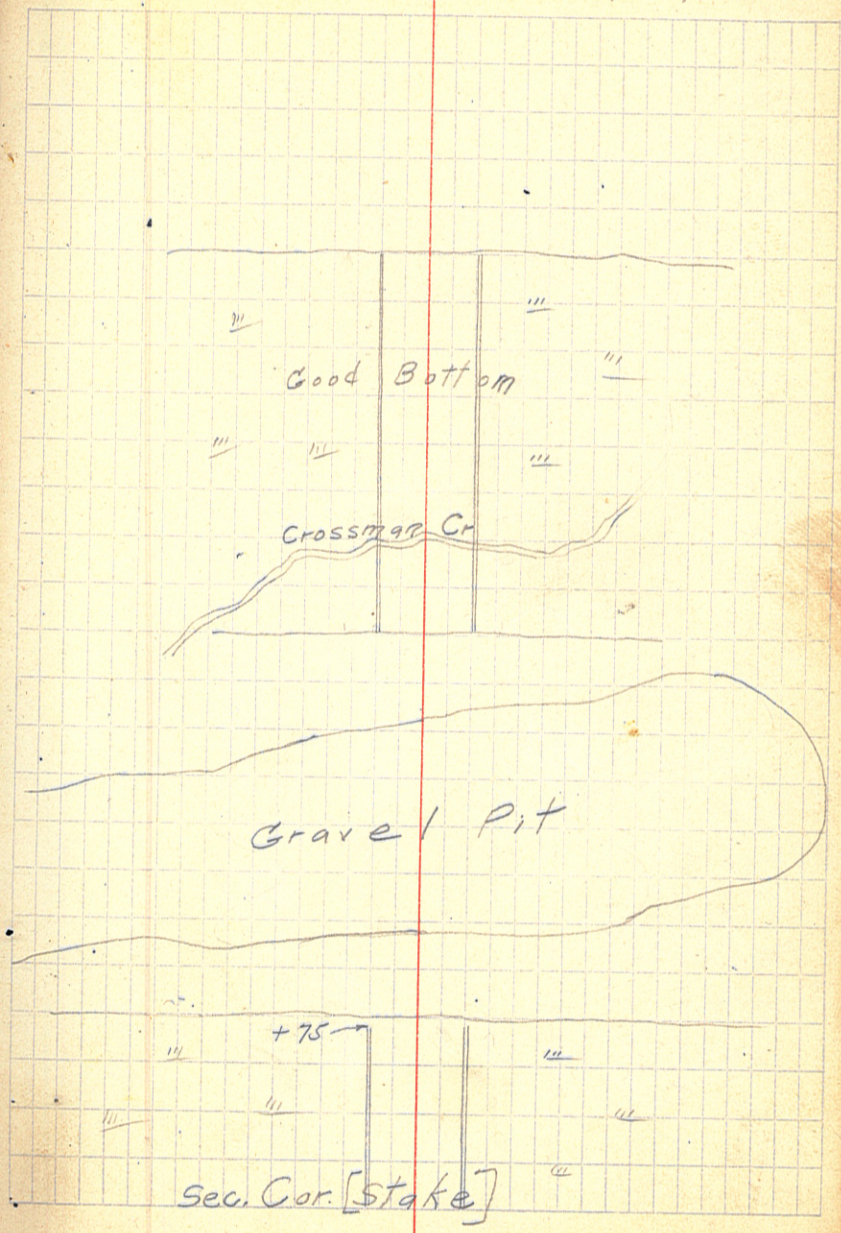
+819
700
699
698
697
696
695
+43 ⊙ P.O.T.
694
693
692



S. R. H #80

720		
719		
718		
717		
+25		
716		
715		
714		
713		
712		
+42.3		
711		
+25		
710		
+30.2	⊙	P.O.T.
709		
708		
707		
706		
705		
704		
703		
702		
701		
700+81.2		

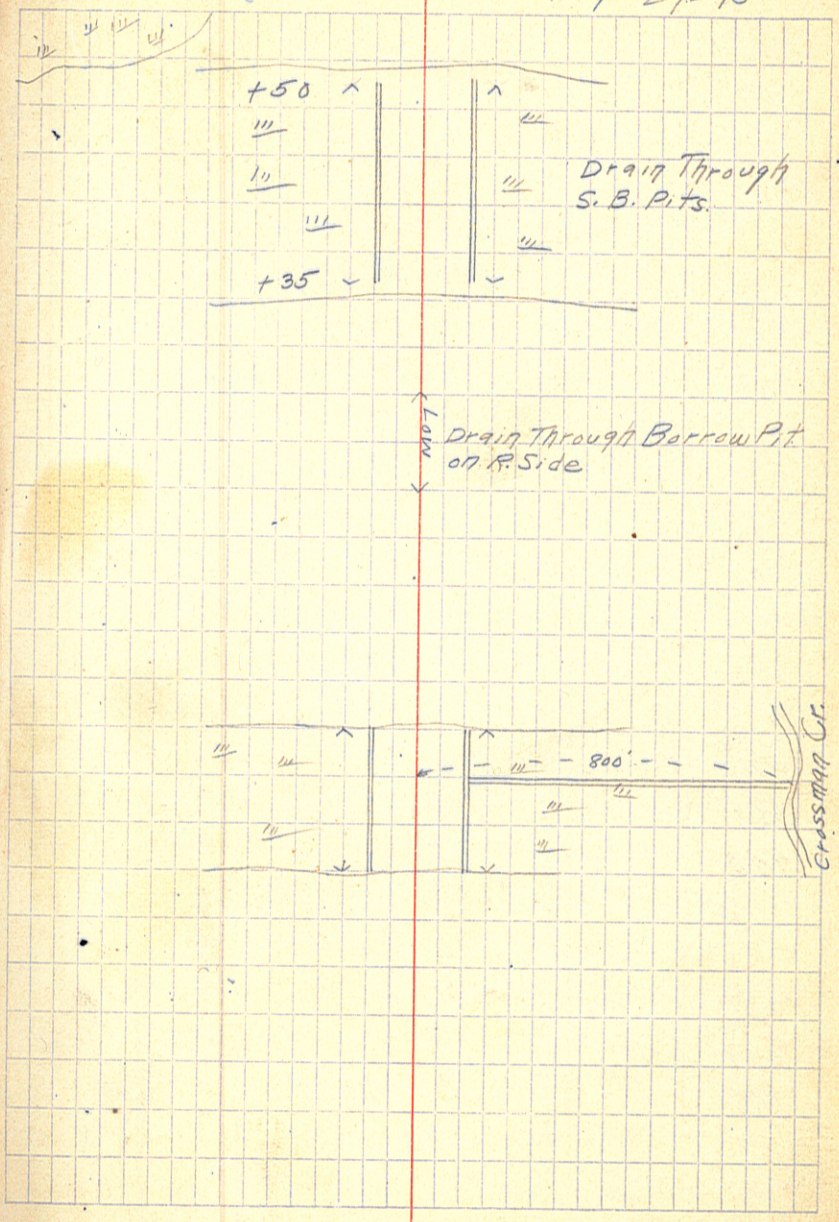
7-29-15



S. R. H # 80

745
744
743
742
741
740
739
738
737
736
735
734
733
732
731
730
729
728
727
726
725
724 ⊙ P.O.T.
723
722
721

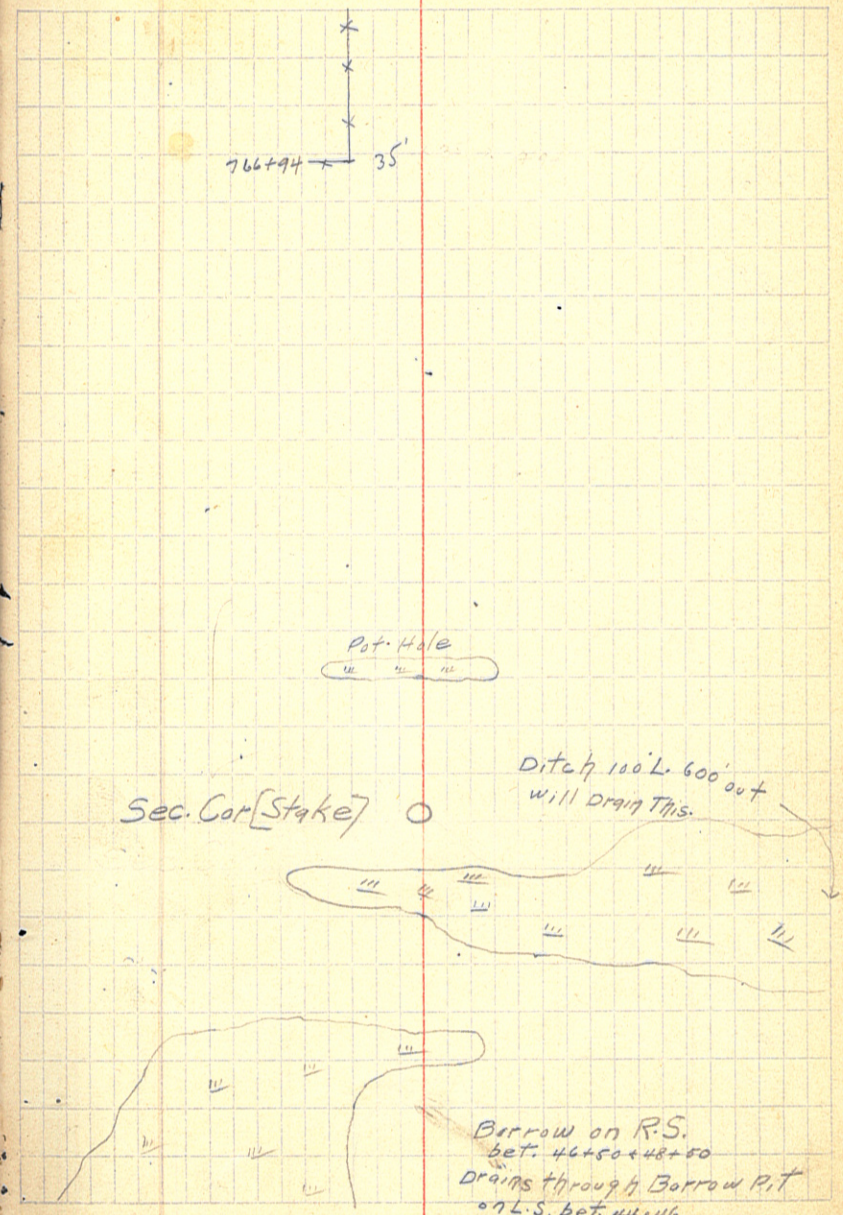
7-29-15



S. R. H # 80

+622		⊙	P.O.T.
769			
767			
766			
765			
764			
763			
762			
761			
760			
759			
758			
757			
756			
755			
754			
+80 8			
753			
752			
751			
750			
749			
748		⊙	P.O.T.
747			
746			

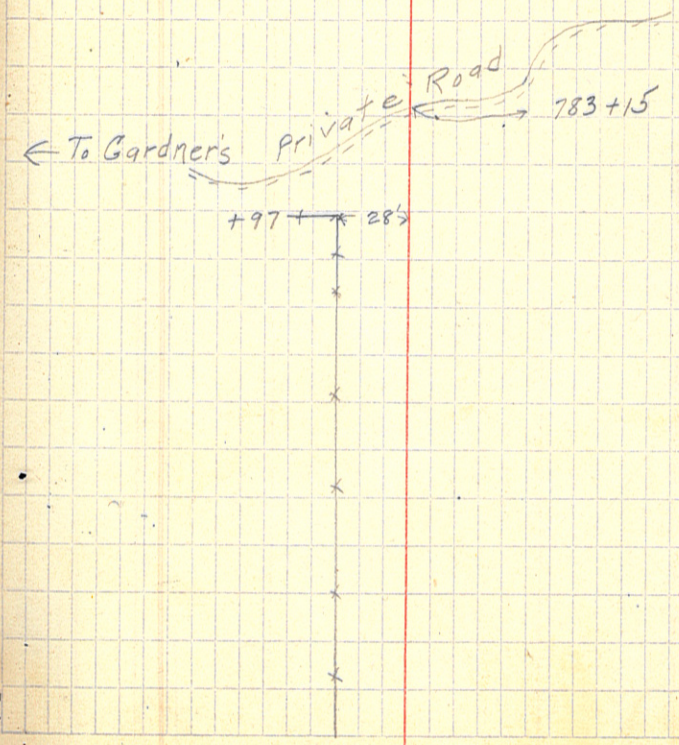
7-29-15



7-29-15

S. R. H. "80

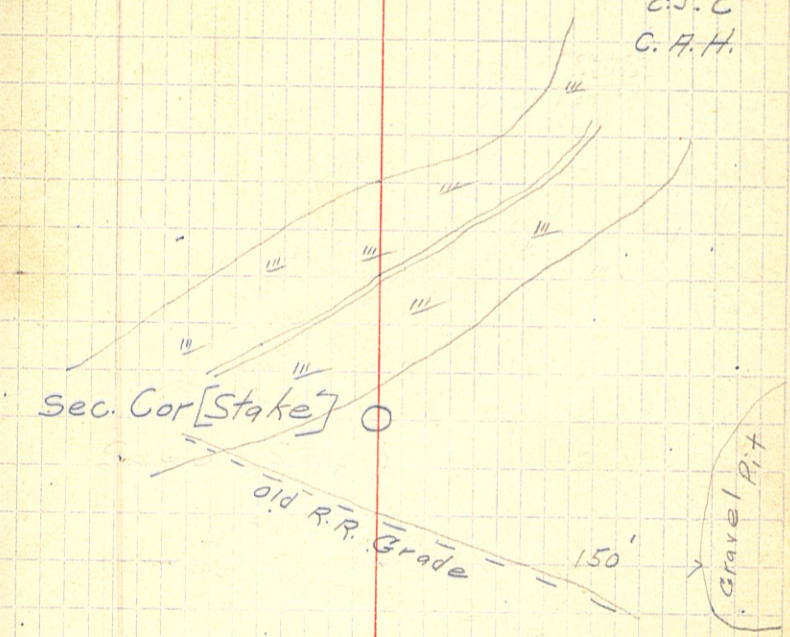
792			
791			
790			
789			
788			
+51 ±		⊙	P.O.T.
787			
786			
785			
784			
783			
782			
781			
780			
779			
778			
777			
776			
775			
774			
773			
772			
771			
770			
769			



S. R. H #80

814	
813	
812	
811	
810	
809	
+92	
808	
807	
+12	
806	
+18	
805	
804	
803	
802	
801	⊙ P.O.T.
800	
799	
798	
797	
796	
795	
794	
793	

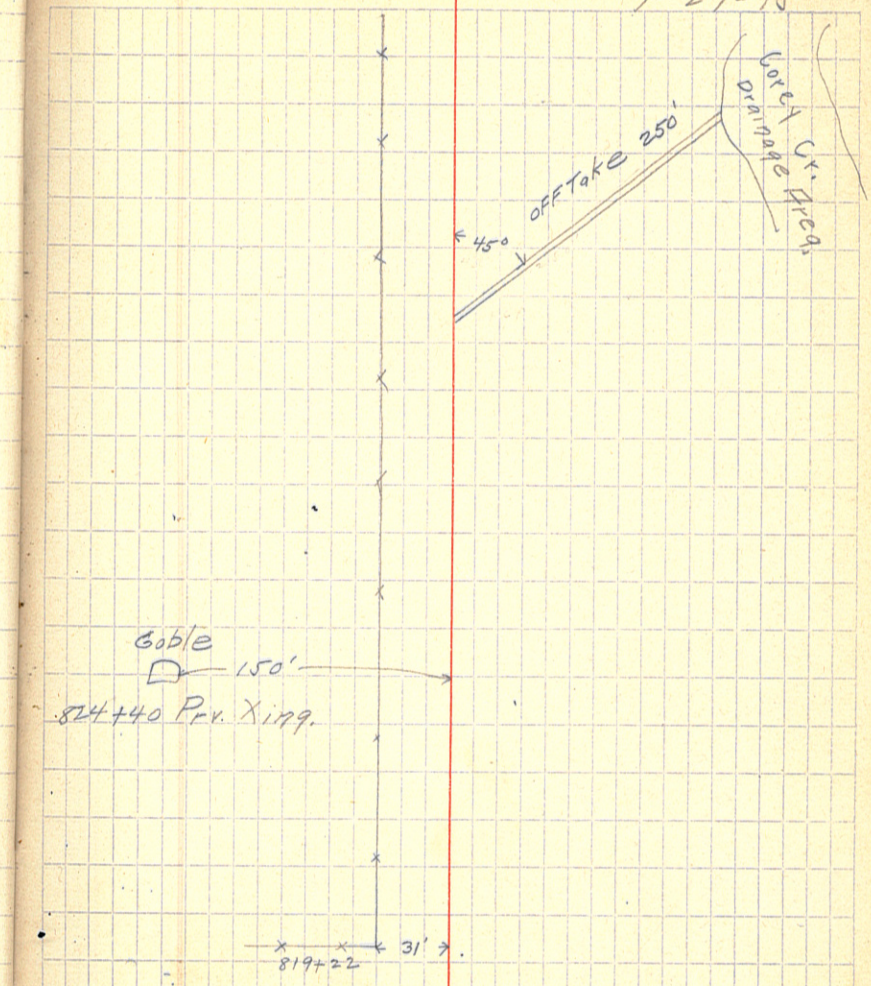
7-29-15
C.D.C
C.J.C
C.A.H.



S. R. H #80

838		
837		
836		
835		
834		
833		
832		
831		
830		
829		
828	⊙	P.O.T.
827		
826		
825		
824		
823		
822		
821		
820		
819		
818		
+86[5]	⊙	P.O.T.
817		
816		
815		

7-29-15



7-29-15

S R H #80

843
842
841
840
839

0 P.O.T.

+22

OFFTake 200'

Corey Cr
Drainage Area

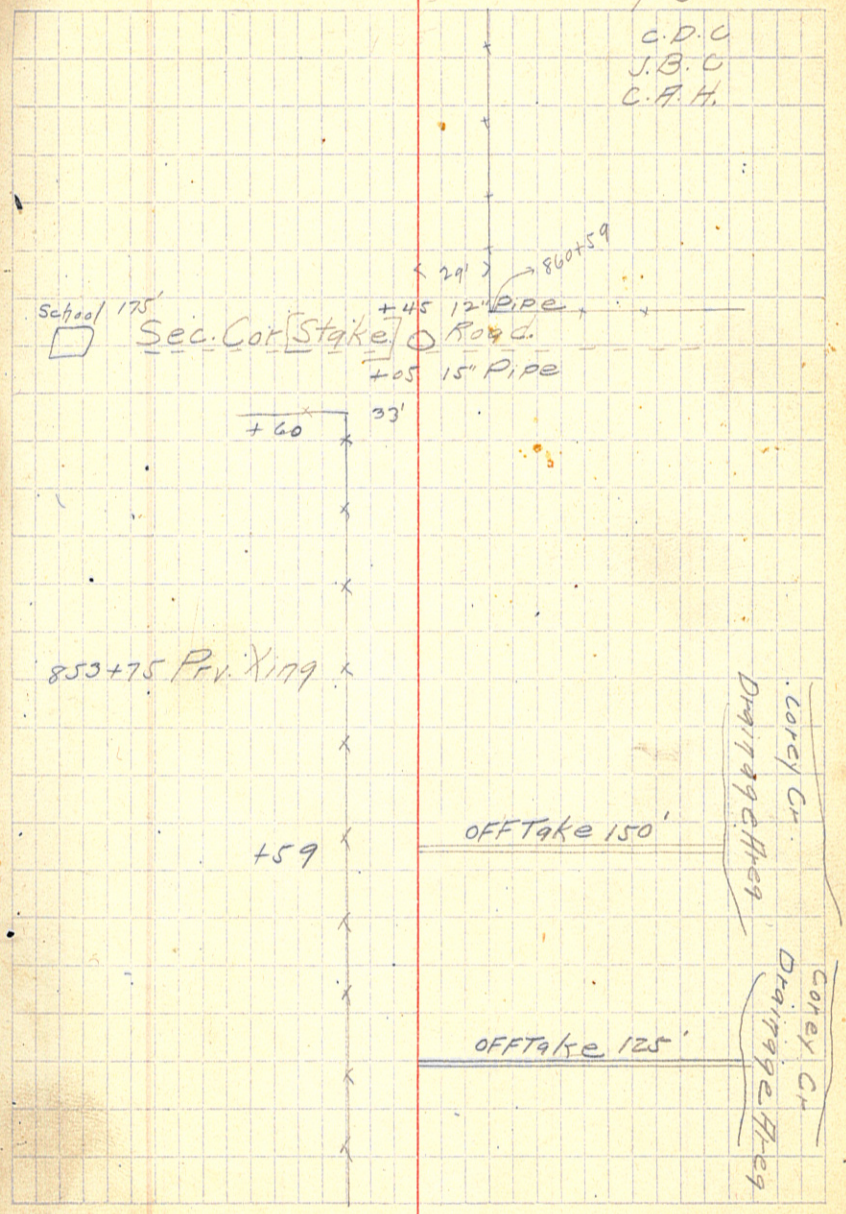
S.R.H #80

865
864
863
862
861
+25 2
860
859
858
857
856 ⊙ P.O.T.
855
854
853
852
851
850
849
848
847
846
845
844
843 ⊙ P.O.T.
842

33-34-136-30
3-4-135-30

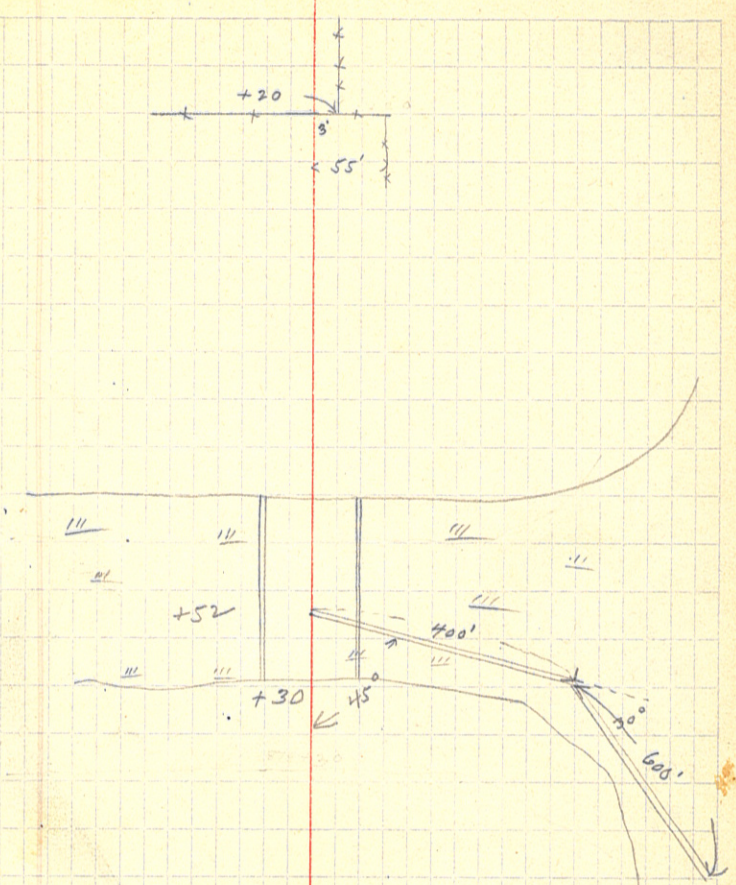
7-30-15

C.D.C
J.B.C
C.A.H.



S. R. H 80

888		
887		
886		
885		
884	⊙	P.O.T.
883		
882		
881		
880		
879		
878		
877		
876		
875		
+30		
874		
+57.6	⊙	P.O.T.
873		
872		
871		
870		
869		
868		
867		
866		



S.R.H. #80

+12½ Sec. Cor.

912

911

910

909

908

907

906

905

904

903

902

901

900

899

898

897

896

895

894

893

+42 3 ⊙ P.O.T.

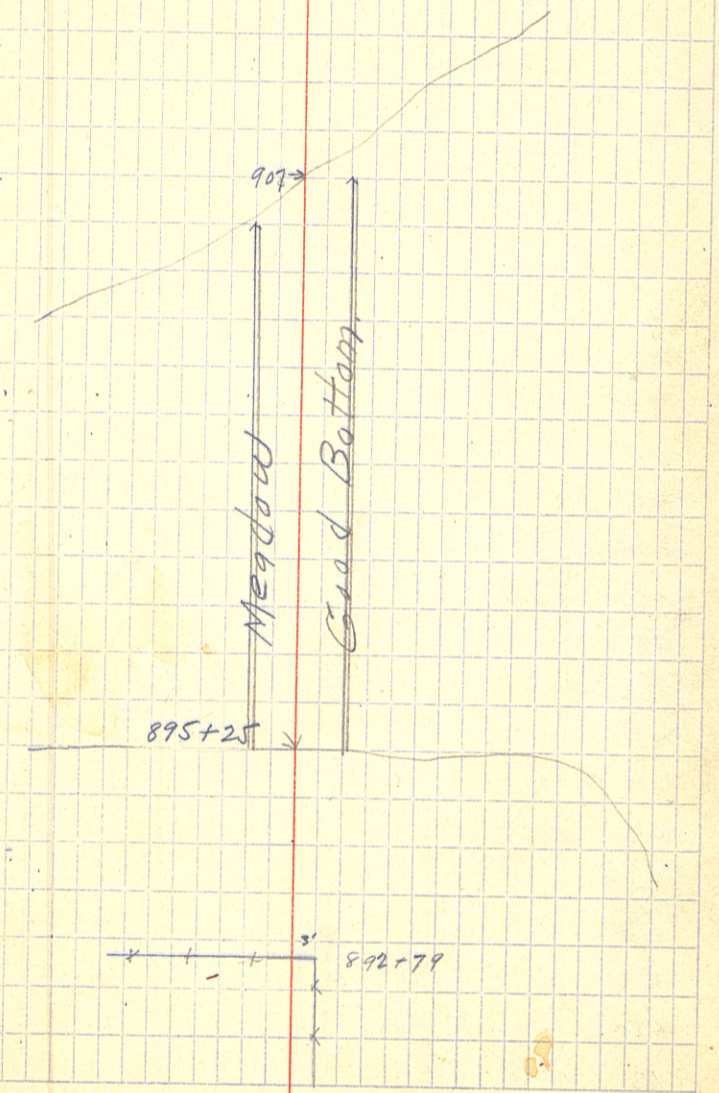
892

891

890

889

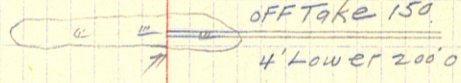
→ Sec. Cor. ⊙ (Could not Find)
27-28-33-34 136-30



8-21-15

S. R. H #80

+00 3	⊙	P.O.T.
933		
932		
931		
930		
929		
928		
927		
926		
925		
924		
923		
922		
+26 8	⊙	P.O.T.
921		
920		
919		
918		
917		
916		
915		
914		
913		
+12 3		
912		



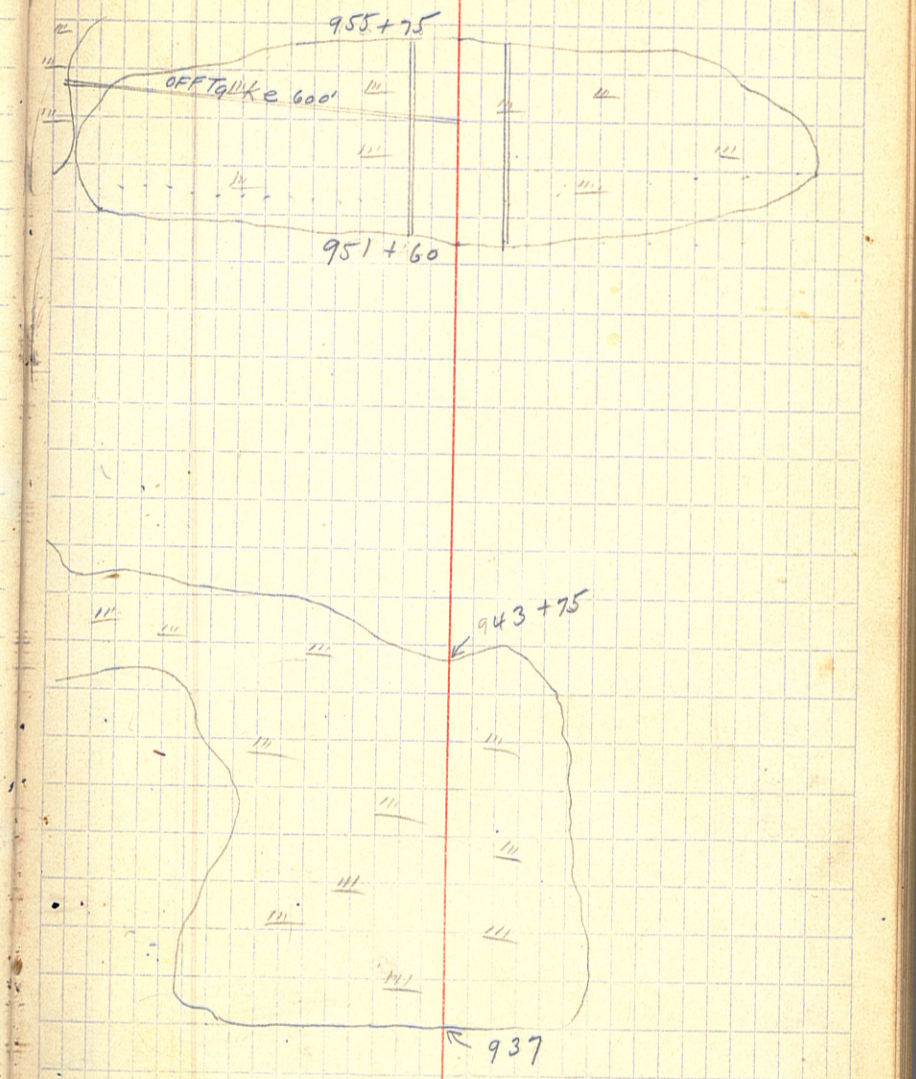
929

Sec Cor ⊙ 27-28-33-34 136-30

S R H #80

956
955
954
953
952
951
950
949
948
947
946
+07± ⊙ P.O.T.
945
944
943
942
941
+50
940
939
938
937
936
935
934

8-21-15



S. R 14 #80

16

8-1-15

+76.5 = 1070+62 Original Survey

965

964

963

962

961

+55.9 ⊙ P.O.T.

960

959

958

957

Sec Cor (Stone) ○ 21-22-27-28 136-30

stone Pile 10' R of 962
4' x 15' x 10'

959+55 stone Pile
on Line. 4' x 10' x 10'

deserted House
□ 50' 958+20

S. R. # 80

B.M.	5.38	10 65.60			1060.22
648+12½				7.2	58.4
+38				7.6	58.0
+40				6.1	59.5
+75				4.0	61.6
649				5.0	60.6
650				7.5	58.1
651				4.0	61.6
T.P.	12.53	74.49	3.64		61.96
652				9.4	65.1
653				2.1	72.3
T.P.	6.81	80.05	1.25		73.24
654				6.3	73.8
655				4.7	75.4
+70				6.1	74.0
656				6.1	74.0
657				4.8	75.3
658				5.0	75.1
659				7.3	72.8
+35				10.5	69.6
660				8.3	71.8
661				8.4	71.7
T.P.	2.34	74.43	7.96		72.09
662				2.9	71.5
663				2.8	71.6

G.L.J. 8/5/15

L. R.

8-2-15
C.D.C
J.B.C
C.A.H.

4.2 / 21	15" Pipe	3.0 / 21
8.2 / 22		6.2 / 24
5.3 / 21		4.0 / 20
0.5 / 25		3.1 / 20
5.1 / 22		8.1 / 22
	12" Pipe	

S. R. H #80

10743

664				3.6	70.8
665				4.7	69.7
666				6.5	67.9
667				8.2	66.2
+40				8.5	65.9
+75				9.4	65.0
668				10.0	64.4
+37				11.1	63.3
+84				11.2	63.2
+86				14.9	59.5
W.L				13.6	60.8
+97				14.9	59.5
669				11.4	63.0
670				11.0	63.4
T.P.	12.19	75.68	10.94		63.49
671				9.5	66.2
672				7.0	68.7
673				5.1	70.6
674				3.6	72.1
B.M.				1.37	74.31
675				1.8	73.9
676				2.8	72.9
677				4.0	71.7
678				5.1	70.6
T.P.	5.21	76.25	4.64		71.04

CRD

8/5/15

L. R.

$\frac{8.4}{25}$ $\frac{9.9}{23}$ $\frac{8.6}{16}$ $\frac{8.5}{20}$

$\frac{9.0}{22}$ $\frac{11.4}{18}$ $\frac{11.0}{15}$ $\frac{9.4}{12}$ $\frac{9.4}{20}$

$\frac{9.4}{22}$ $\frac{11.4}{20}$ $\frac{11.4}{15}$ $\frac{10.0}{11}$ $\frac{10.0}{8}$ $\frac{10.8}{12}$ $\frac{10.8}{16}$

Bottom of Homebrook Cr.

" " "

Notch in Poplar Tree 40'L 674+40

S.R.H #80

1076.25

679				6.4	69.9
680				6.9	69.4
681				6.6	69.7
682				6.1	70.2
683				5.5	70.8
684				3.7	72.6
685				2.2	74.1
T.P.	7.64	82.29	1.60		74.65
686				7.1	75.2
687				6.7	75.6
688				5.6	76.7
689				4.3	78.0
690				4.5	77.8
691				5.1	77.2
692				5.5	76.8
693				6.3	76.0
694				4.0	78.3
T.P.	7.52	86.21	3.60		78.69
+40				4.6	81.6
+53				4.4	81.8
+65				6.0	80.2
+85				5.5	80.7
695				4.9	81.3
+15				1.8	79.4
+40				9.1	77.1

CKD 8/5/15

L. R. 19

8-2-15

5.8/20 5.4/26 5.8/20 5.3/4.6 6.0/3.0 6.2/20 4.4/22 6.0/14 6.0/4 3.2/22 4.8/8 6.8/5

1.4/26 0.6/26 6.0/7 1.7/20 1.7/26 3.9/17 1.9/26 4.9/40 3.8/7 2.8/20 5.8/3.0 5.5/8 7.5/20

S. R. H #80

1086.21

B.M.				840	77.81
696				103	75.9
697				104	75.8
T.P.	4.77	81.15	9.83		76.38
698				5.3	75.9
699				4.7	76.5
700				5.0	76.2
701				4.7	76.5
702				4.5	76.7
703				4.0	77.2
T.P.	12.99	90.64	3.50		77.65
704				12.9	77.7
705				8.9	81.7
+40				8.3	82.3
706				8.5	82.1
+50				9.4	81.2
707				9.2	81.4
+40				8.9	81.7
+85				5.6	85.0
708				5.7	84.9
+30				6.8	83.8
+70				5.1	85.5
709				3.3	87.3
+20				2.3	88.3
+30				2.2	88.4

8/5/15 GJD

L. R.

8-2-15

Notch in Spruce Tree 100' L 694+50

7.7 / 26
7.3 / 20
8.5 / 20
9.4 / 20
8.2 / 24
6.2 / 22
4.3 / 20
6.8 / 20
2.5 / 20
91.1 E / 20
2.3 / 20
1.4 / 16
85.4 E / 22
3.0 / 5
0.9 / 8
2.2 / 10

Gravel

Gravel

10.8 / 26
10.2 / 29
6.8 / 22
8.2 / 16
9.2 / 30
10.1 / 24
9.2 / 24
6.8 / 20
5.7 / 22
4.0 / 20
4.5 / 3
5.6 / 20
5.4 / 20
4.4 / 20

S. R. H #80

1090.64

709+50				5.8	84.8
+75				8.5	82.1
710				9.4	81.2
711				10.3	80.3
+40				10.7	79.9
+42				12.8	77.8
W.L.				12.0	78.6
+45				10.7	79.9
712				9.8	80.8
713				9.3	81.3
714				8.8	81.8
715				8.5	82.1
T.P.	9.44	91.83	8.25		82.39
716				10.3	81.5
717				7.9	83.9
718				5.6	86.2
B.M.				5.26	86.57
719				4.6	87.2
720				3.6	88.2
721				3.7	88.1
+60				3.7	88.1
722				3.2	88.6
T.P.	5.45	95.03	2.25		89.58
+80				3.6	91.4
723				3.5	91.5

8/5/15

L. R. 21

8-2-15

8.8/20 7.6/6 3.1/22

Bottom of Crossman Cr (Gravel Bottom)

Notch in Poplar Tree 35'L 717+80

2.3/20 = 90.1E/21

5.0/20 = 87.4/22

		S.R.H #80 1095.03			
724				3.4	91.6
725				4.3	90.7
726				4.8	90.2
727				5.6	89.4
728				6.2	88.8
729				6.8	88.2
730				6.7	88.3
731				4.9	90.1
T.P.	9.97	1100.49	4.51		90.52
732				8.5	92.0
733				7.0	93.5
734				5.9	94.6
735				4.5	96.0
736				5.7	94.8
737				5.6	94.9
738				4.9	95.6
+15				4.4	96.1
+50				1.8	98.7
T.P.	7.81	1106.75	1.55		98.94
739				7.5	99.3
740				7.3	99.5
741				8.2	98.6
742				7.3	99.5
743				4.8	02.0
744				4.8	02.0

CKD 8/5/15

L. R.

8-2-15

15" Pipe Drain Through Barrow Pit

8-2-15

		S. R. H. 80			
		1106.75			
745				21	04.7
T.P.	9.13	14.28	1.60		05.15
746				7.0	07.3
747				6.3	08.0
748				4.6	09.7
+35				4.0	10.3
749				6.4	07.9
+40				6.0	08.3
750				2.7	11.6
751				1.3	13.0
T.P.	6.70	1120.32	0.66		13.62
+50				7.3	13.0
752				10.2	10.1
753				10.3	10.0
+20				10.3	10.0
+80				5.6	14.7
B.M.				2.98	17.34
754				5.3	15.0
755				4.5	15.8
756				4.3	16.0
+25				4.0	16.3
T.P.	11.95	30.78	1.49		18.83
757				10.9	19.9
758				9.5	21.3
759				8.9	21.9

C&G

8/5/15

L R

15" Pipe

752+50 18" Pipe

Note: On dead Pine Tree 125' R 753+50

S. R. H #80

1130.78

760				4.6	26.2
761				4.2	26.6
762				4.3	26.5
763				4.3	26.5
764				3.0	27.8
T.P.	11.89	41.27	1.40		29.38
765				1.1.1	30.2
766				9.7	31.6
767				7.2	34.1
768				4.8	36.5
769				3.0	38.3
770				2.1	39.2
771				1.9	39.4
T.P.	3.60	43.04	1.83		39.44
772				6.5	36.5
773				4.3	38.7
+50				5.0	38.0
774				4.9	38.1
775				4.5	38.5
776				3.9	39.1
777				3.5	39.5
778				3.7	39.3
779				4.3	38.7
780				4.7	38.3
T.P.			4.12		38.92

CKD 8/5/11-

L R

8-2-15

15" Pipe

3.7/20 3.5/20

6.7/20 7.2/20

S.B. 4.5

on Sta 780

8-3-15

S.R.H. 80

T.P.	10.48	1149.40			1138.92
781				10.2	39.2
782				9.1	40.3
783				8.3	41.1
784				7.4	42.0
785				6.0	43.4
786				4.4	45.0
787				4.0	45.4
788				3.7	45.7
789				4.3	45.1
790				6.1	43.3
791				7.8	41.6
792				9.2	40.2
T.P.	4.87	46.05	8.22		41.18
793				5.5	40.6
794				5.5	40.6
795				4.5	41.6
796				4.5	41.6
B.M.				3.55	42.50
797				5.8	40.3
798				6.7	39.4
799				8.1	38.0
800				9.9	36.2
801				11.5	34.6
T.P.	1.48	36.16	11.37		34.68

CWD 8/5/15

L. R.

Heavy Soil
Stony

788 to 792 Borrow Ditch
on L.S. 5' out 3' w. 1' D

Notch in Poplar Tree 60' R 797

8-3-15

S.R.H. #80

		1136.16			
802				48	31.4
803				11.0	25.2
T.P	0.49	23.99	12.66		23.50
+70				5.2	18.8
804				7.3	16.7
+75				10.9	13.1
805				10.2	13.8
+05				8.7	15.3
+18				9.0	15.0
+26				9.0	15.0
+33				10.5	13.5
+75				12.5	11.5
806				13.2	10.8
T.P.	3.13	15.45	11.67		12.32
+75				7.0	08.5
807				7.7	07.8
808				9.0	06.5
+90				8.8	06.7
+92				9.6	05.9
+94				8.6	06.9
W.L				8.6	06.9
809				8.6	06.9
810				6.5	09.0
+50				5.6	09.9
811				4.1	11.4

CLD 8/5/15

L.

5.2/18 6.2/16 6.2/11 5.2/10

11.0/18 12.0/16 12.0/12 11.0/10

6.0/20

8.0/20

11.5/20

11.5/25 11.1/18 8.7/6

9.6/20

10.0/20

9.8/20 10.5/5

13.5/20

5.6/18

4.1/20

R

48/20

11.0/18

4.6/18

7.3/18

15" Pipe

8.0/18

8.7/18

R.R. Grade

8.3/20

9.0/5 9.6/20

9.8/20

10.5/20

4.1/7

6.7/18 5.9/18

S. R. H #80

8-3-15

						L.	R.
		1115.45					
811+60				1.6	13.9	1.6/18	1.6/10 3.6/12 3.6/20
T.P.	12.61	27.57	0.49		14.96		
812				10.6	17.0	9.6/19 10.6/6	10.6/8 12.4/12 13.4/20
813				3.8	23.8	2.3/19 4.5/15 4.5/11 3.5/10	3.8/7 4.5/9 6.0/20
T.P.	12.30	39.46	0.41		27.16		
814				9.4	30.1	8.8/20 9.9/18 9.9/15 9.4/9	9.7/10 10.7/16 10.7/20
815				6.5	33.0	6.0/20 7.7/18 7.5/15 6.5/13	7.2/10 8.3/20
+50				5.7	33.8	5.2/20 6.5/18 6.2/15 5.5/10	6.1/7 6.6/9 7.4/20
816				4.3	35.2	4.1/22 5.3/20 5.0/15 4.3/10	4.3/6 6.0/20
817				1.1	38.4	1.1/23 2.4/19 1.1/10	1.1/20
T.P.	9.51	48.35	0.62		38.84		
818				6.7	41.7	8.3/20 8.3/16 7.8/13 7.3/8	6.7/20
819				4.7	43.7	6.7/20 [illegible]/13 5.3/10	4.7/20
820				4.2	44.2	5.0/20 5.6/17 5.0/11 4.5/9	4.2/20
B.M.				4.89	43.46	Spike in Poplar Tree 40' L 820	
821				3.7	44.7✓		
822				3.3	45.1✓		
823				2.1	46.3		
824				0.7	47.7		
T.P.	5.28	53.03	0.60		47.75		
825				4.8	48.2		
826				4.7	48.3		
827				4.7	48.3		
828				4.5	48.5		
829				6.4	46.6		

Ck'd [illegible] 8/5/15

8-3-15

S. R. H #80

1153.03

830				7.9	45.1
+40				8.1	44.9
831				8.8	44.2
T.P.	6.30	50.76	8.57		44.46
832				6.9	43.9
833				6.1	44.7
834				5.9	44.9
835				4.5	46.3
+40				4.1	46.7
836				3.5	47.3
837				3.7	47.1
T.P.	6.97	54.70	3.03		47.73
838				4.5	50.2
+80				5.7	49.0
839				6.2	48.5
840				9.5	45.2
+60				10.3	44.4
841				9.5	45.2
T.P.	10.51	57.60	7.61		47.09
+60				9.2	48.4
842				7.4	50.2
843				4.6	53.0
+45				4.8	52.8
B.M.				5.84	51.76
844				6.6	51.0

CK JV 8/5/15

L. R.

S.B. 04 R.S.

Very Stony Clay + Coarse Gravel

9.0/20 9.0/13 9.4/11 9.4/5
9.5/20 9.5/15 10.5/12 10.2/6 8.4/4

7.5/20 9.0/17 8.5/10 7.5/8
6.8/16 7.8/14 7.8/7 7.0/5
6.5/14 7.5/12 7.5/8 6.5/6
5.0/13 5.9/10 5.9/5

3.5/20
2.2/18

3.6/20
5.7/20
6.0/18 7.6/15 7.6/11 6.2/7
10.0/19 11.6/16 11.6/11 10.3/9 10.3/4
8.8/19 11.4/15 11.4/8 10.9/7
7.5/18 10.2/13 10.3/8 9.5/7

7.7/20
6.6/20

5.0/16 6.5/14 6.5/10 4.8/8

Spike in Poplar Tree 50' R 843+50

7.7/16 9.2/13 8.8/9 7.3/7

8.1/18
8.8/18

6.9/18
6.1/9 7.0/13 7.0/20
5.9/7 6.5/9 6.5/20
4.5/8 5.0/10 5.0/20

3.5/6 4.0/13 4.0/20
5.0/20

5.9/20
6.9/20
7.0/20
9.5/9 10.8/15 10.8/20
10.3/8 12.0/18 12.0/20
9.5/9 11.5/18 11.5/22

9.8/9 11.3/20
8.4/15 9.7/25

4.8/20

6.6/10 7.6/18

		S. R. H 480			
		1157.60			
844+35				7.9	49.7
845				9.0	48.6
T.P.	6.50	55.52	8.58		49.02
846				6.0	49.5
847				4.4	51.1
848				4.6	50.9
849				5.9	49.6
850				6.0	49.5
+50				5.1	50.4
851				2.2	53.3
T.P.	12.34	65.71	2.15		53.37
852				6.0	59.7
+50				4.6	61.1
853				3.3	62.4
854				2.5	63.2
855				1.9	63.8
T.P.	3.44	67.72	1.43		64.28
856				3.9	63.8
+75				4.1	63.6
857				5.8	61.9
+50				9.0	58.7
858				10.3	57.4
859				13.1	54.6
T.P.	2.05	56.80	12.97		54.75
860				4.2	52.6

cr→ 8/5/15

L.

8.5/16 9.0/14 8.9/10 9.0/20

6.0/20 7.8/15 7.5/10 6.0/7
4.4/22 6.3/20 6.3/13 4.8/7
3.4/25 5.4/23 6.8/17 6.8/11 4.6/8
6.4/18 7.8/15 7.8/10 6.8/8
6.5/24 7.0/17 7.0/11 6.0/9
5.1/20 6.0/18 6.0/14 4.8/7

6.0/20 3.8/20 2.6/20 1.5/20 0.9/18

2.9/20 2.6/20

3.2/22 4.0/16 4.8/10
6.9/19 9.0/11
9.0/20 10.3/9
11.8/20 13.1/10

3.2/20

R.

7.9/8 8.7/18
9.0/8 10.0/18

6.0/7 7.0/13 7.5/20
4.7/10 5.7/17
4.9/11 6.3/20
6.1/10 7.1/15 7.1/20
6.0/7 7.0/14 7.0/20
5.1/6 6.1/13 7.1/25

7.0/20 5.8/20 5.0/20 3.5/20 2.7/18

4.9/20 7.6/20 8.5/20 10.6/20 12.0/20
14.0/13 14.8/20

5.2/20

S.B. on R.

S. R. H #80

1156.80

860+25				51	51.7
B.M.				4.25	52.55
861				7.0	49.8
862				9.0	47.8
T.P.	1.04	49.75	8.09		48.71
+80				4.5	45.3
863				5.4	44.4
+60				10.8	39.0
864				11.7	38.1
+45				10.7	39.1
865				7.7	42.1
866				8.6	41.2
T.P.	1.60	43.73	7.62		42.13
867				5.5	38.2
+50				6.4	37.3
868				5.9	37.8
869				4.6	39.1
870				3.8	39.9
871				4.1	39.6
872				5.2	38.5
873				5.0	38.7
T.P.	2.73	42.22	4.24		39.49
B.M.				1.90	40.32
874				4.1	38.1
+30				4.7	37.5

CLS JC 8/5/15

L. R.

8-3-15

Spike in Poplar Tree 30' R 859+80

L		R
3.8/20		7.0/20
6.5/20		8.0/20
8.5/20	Heavy Stony Soil	11.0/20
3.5/20		5.5/20
4.4/20		7.0/20
9.5/20		11.8/20
10.5/20	15" P. Pipe	13.7/20
9.7/20		11.7/20
6.7/20		9.7/20
8.0/20		9.6/20

Spike in W.P. Tree 60' L 873

S. R. H # 80

8-3-15

		1142.22			
875				8.5	33.7
+30				10.3	31.9
876				10.7	31.5
+52				10.7	31.5
877				10.7	31.5
878				10.1	32.1
879				10.1	32.1
T.P.	10.72	43.34	9.60		32.62
880				8.1	35.2
881				2.5	40.8
T.P.	9.10	51.33	1.11		42.23
882				6.0	45.3
883				3.6	47.7
884				3.7	47.6
885				5.2	46.1
886				5.5	45.8
887				5.0	46.3
888				3.9	47.4
889				2.8	48.5
T.P.	3.75	52.81	2.27		49.06
890				3.9	48.9
891				3.7	49.1
892				4.0	48.8
B.M.				3.84	48.97
893				4.5	48.3
		CKD	JH	8/5/15	

L. R

Swamp ↓

Swamp ↑

Spike in Small Oak Tree 892+50 60'L

8-3-15

S. R. H #80

1152.81

∟894		54	47.4
∟895		58	47.0
∟896		58	47.0
∟897		56	47.2
∟898		57	47.1
T.P.	5.29		47.52

Meadow
↓

On Sta 898

8/5/15

S. R. H #80

T.P.	3.47	1150.99			1147.52
↙899				4.0	47.0
↙900				4.1	46.9
↙901				4.2	46.8
↙902				4.1	46.9
↙903				4.0	47.0
↙904				4.0	47.0
↙905				3.8	47.2
↙906				3.8	47.2
↙907				3.5	47.5
↙908				2.3	48.7
T.P.	6.57	55.93	1.63		49.36
↙909				6.7	49.2
↙910				6.4	49.5
↙911				6.5	49.4
↙912				5.0	50.9
↙913				2.8	53.1
↙914				0.8	55.1
T.P	9.46	65.18	0.21		55.72
B.M.				12.44	52.74
↙915				7.5	57.7
↙916				5.0	60.2
↙917				2.0	63.2
T.P.	9.61	73.67	1.12		64.06
↙918				8.0	65.7

CLJ JS 8/5/15

L.	R.
On Stg. 898	
Spike in Poplar Tree 40'R 913+40	

8-4-15

S. R. 4 #80

1173.67

919				6.3	67.4
920				5.3	68.4
921				4.7	69.0
922				4.9	68.8
923				8.0	65.7
924				10.0	63.7
925				11.8	61.9
926				13.1	60.6
T.P.	6.00	66.78	12.89		60.78
927				6.6	60.2
928				6.8	60.0
+90				6.8	60.0
929				7.5	59.3
+40				9.3	57.5
+65				8.5	58.3
930				5.5	61.3
931				3.0	63.8
932				2.4	64.4
933				2.8	64.0
934				3.5	63.3
935				4.8	62.0
T.P	1.45	64.18	4.05		62.73
936				3.6	60.6
B.M.				2.04	62.14
+80				5.7	~~58.5~~

CKD 8/5/15

L. R

8-4-15

100/10 .4' Drop in 200' R

Spike in W.P. Tree 75' L 936

S. R. H #80

1164.18

937				7.3	56.9
+05				8.1	56.1
938				8.0	56.2
+60				7.6	56.6
+65				8.3	55.9
939				8.8	55.4
+25				8.3	55.9
+50				7.5	56.7
940				8.0	56.2
+50				8.0	56.2
941				9.1	55.1
+05				10.0	54.2
+40				8.5	55.7
+50				7.8	56.4
+90				9.0	55.2
942				9.8	54.4
+50				11.5	52.7
+80				10.0	54.2
943				9.5	54.7
T.P.	10.10	65.16	9.12		55.06
+80				11.2	54.0
944				8.9	56.3
+15				7.0	58.2
+50				3.7	61.5
945				3.5	61.7

CKD VW 8/5/15

8-4-15

Low Land

Water From Hills ooL

gathers here

8-4-15

S. R. H #80

11/5/16

946				4.3	60.9
947				5.6	59.6
948				7.3	57.9
T.P.	0.72	59.65	6.23		58.93
949				3.7	56.0
B.M.				2.58	57.07
950				6.1	53.6
951				9.2	50.5
T.P.	7.86	58.33	9.18		50.47
952				9.3	49.0
953				9.4	48.9
954				9.6	48.7
955				9.5	48.8
956				9.0	49.3
957				7.6	50.7
958				5.1	53.2
959				4.7	53.6
960				5.0	53.3
961				5.7	52.6
962				7.2	51.1
963				9.8	48.5
T.P.	1.38	50.35	9.36		48.97
+60				4.9	45.5
964				6.0	44.4
965				8.4	42.0

8/5

Spike in Spruce Tree 35'L 949

965+30 15" Pipe

S. R. H #80

1150.35

965+76.5		7.8	Inv. 6
B.M.	5.96		44.39

CKD JC

8/5/15

37

8-4-15

= 1070+62 Sec Cor. Stone - 21-22-27-28
136-30

Connects with original survey.