

COUNTY HIGHWAY

BUREAU OF CONSTRUCTION

KILLBUCK-SHREVE ROAD

ROAD No. **336** SEC. E. PET. BY RES.
HOLMES COUNTY

RIPLEY TOWNSHIP **DECEMBER 1922**

INDEX OF SHEETS

The Standard Specifications of the State of Ohio, Division of Highways, in force on date of contract will govern this improvement.

I hereby approve these plans and declare that the making of this improvement will require the closing to traffic of the highway and that detours will be provided as shown on the plan and estimates.

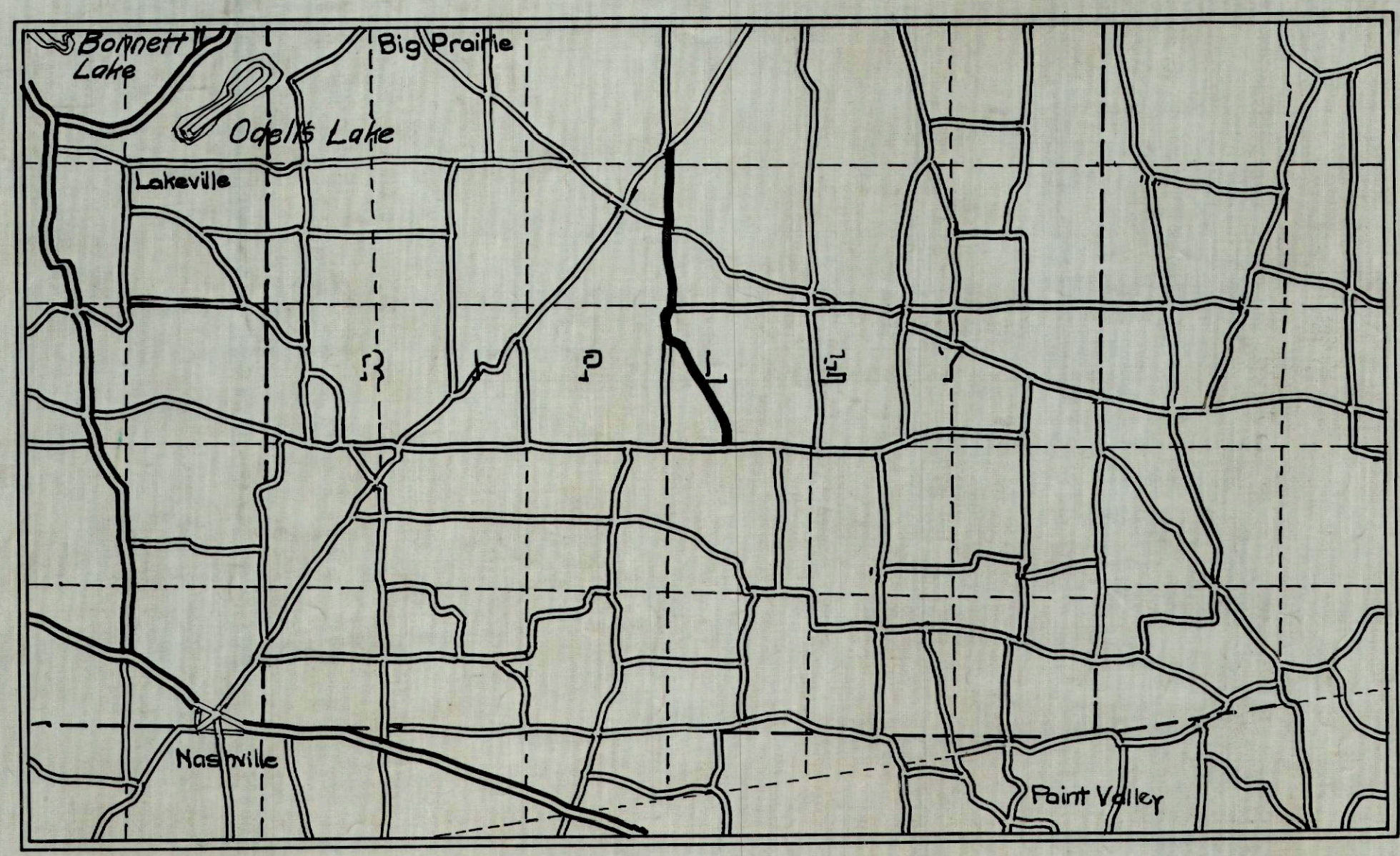
Approved: W. W. Purdy
 Date: 3-29-23 County Surveyor

We the Commissioners of Holmes County hereby approve these plans and certify that the right-of-way 60 feet wide is available for the construction, maintenance and repair of highway.

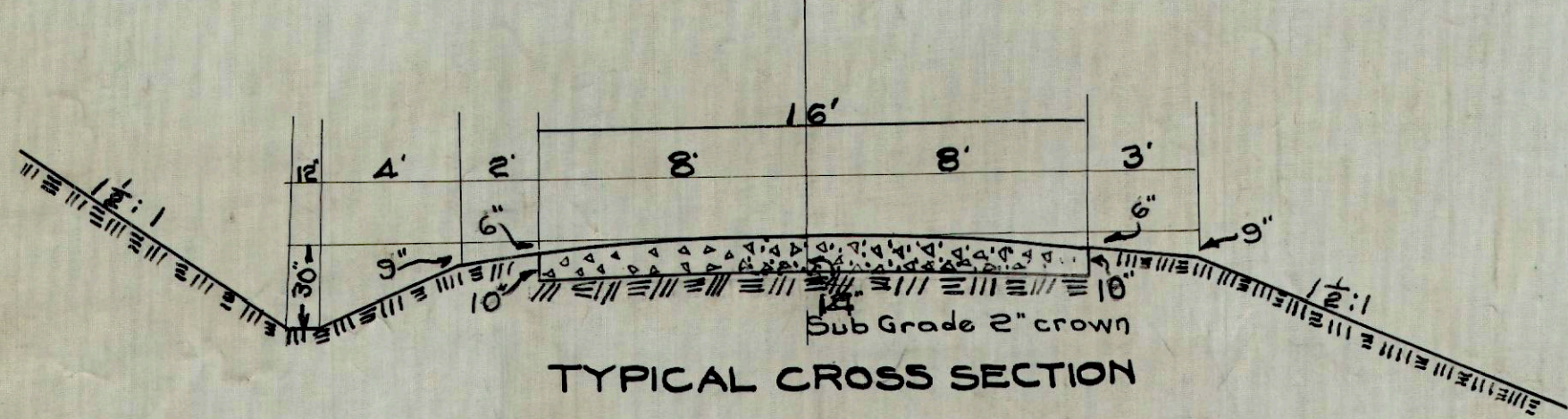
H. A. Smider
W. H. Willman
B. J. Miller
 Date: 3-29-23 County Commissioners.

Note: It is assumed that a compacted gravel pavement of 10" at the sides and 14" at the center will require 12 1/2" of loose gravel as dumped on the grade to make 10" compacted; and 17 1/2" loose gravel to make 14" compacted. Side forms 12 1/2" high will be required. It will not be permissible to use blocks on the forms to secure proper height. Loose gravel must be spread 12 1/2" at side and 17 1/2" at the center.

Note: Trenches for Sectional Cast Iron Pipe must be excavated to exact grade, and excavation must be made for Pipe Bells to allow the full length of the pipe to be in contact with the earth. Back fill around Sectional Cast Iron Pipe must be made by hand & thoroughly tamped.



LOCATION PLAN



TYPICAL CROSS SECTION

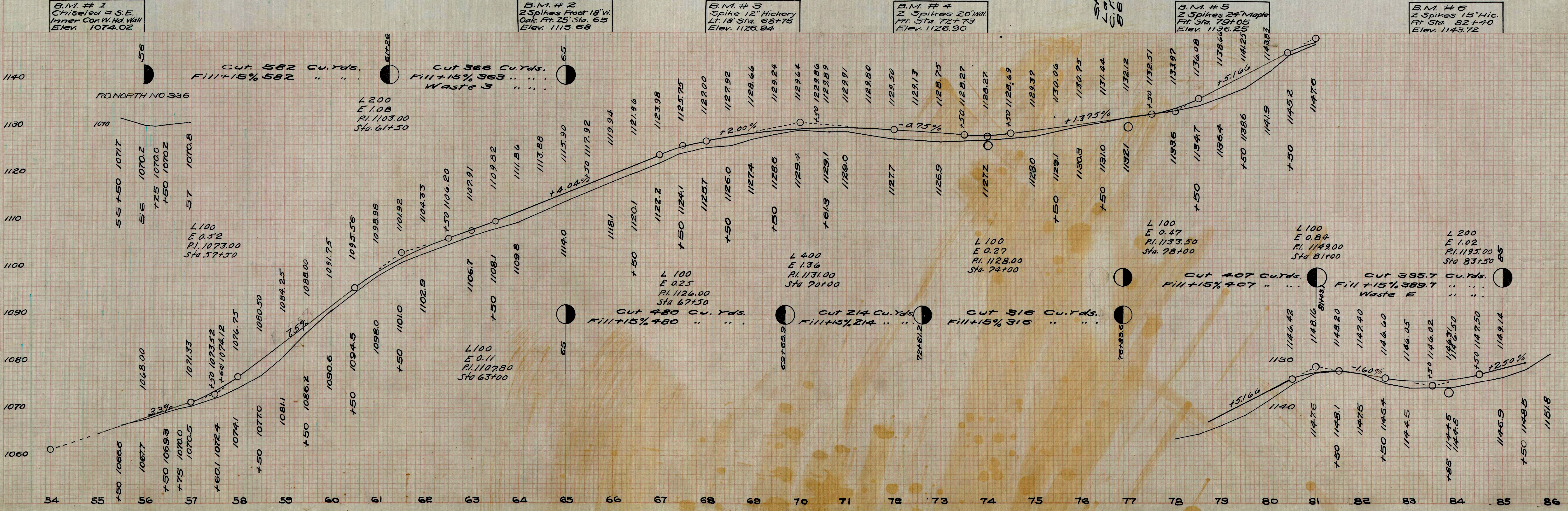
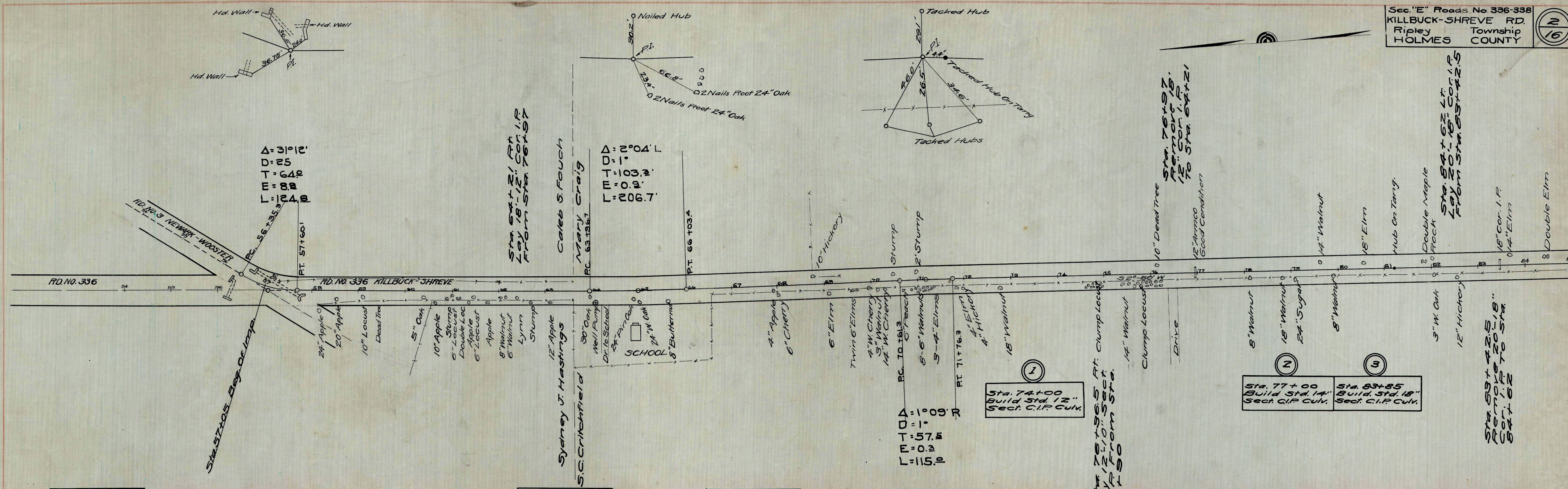
ESTIMATED QUANTITIES	
ROADWAY	
Excavation	10703 Cu. Yds.
Gravel 14" Center 10" Sides	21449.6 Sq. Yds.
Finishing Shoulders and Ditches Both Sides	12065.4 Lin. Ft.
Clearing and Grubbing	
Length of Roadway	2.285 Miles
Excavation Per Mile	4686 Cu. Yds.

PORTION TO BE IMPROVED
 DETOURS SHOWN THUS

SCALES

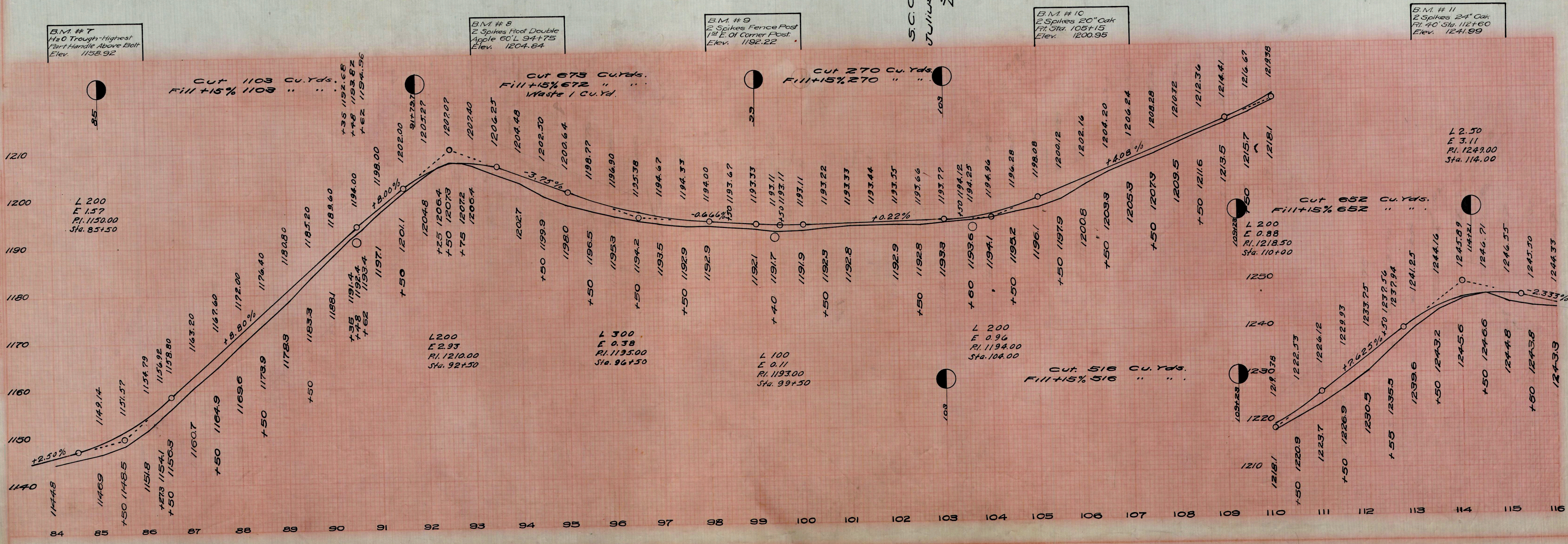
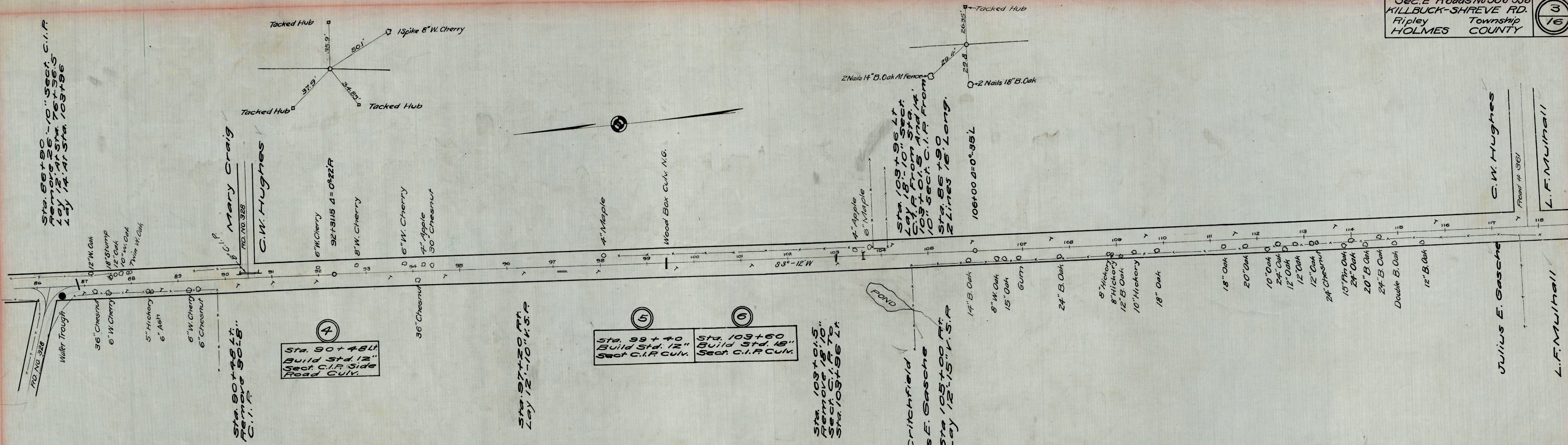
Plan 1"=100'
 Profile (Vert) 1"=10'
 Profile (Hor) 1"=100'
 Cross Section 1"=5'

CULVERTS		PIPE FOR PRIVATE DRIVES	
1-2-4 Concrete	19.4 Cu. Yds.	15" V.S.P. New	12 Lin. Ft.
Steel	413 Lbs.	12" " "	60 " "
Excavation	58 Cu. Yds.	10" " "	216 " "
Channel Excavation	51 Cu. Yds.	15" Pipe Relaid	20 " "
12" Sectional C.I.P.	212 Lin. Ft.	12" " "	18 " "
14" " "	26 " "	10" " "	46 " "
16" " "	26 " "	8" " "	20 " "
18" " "	50 " "	Pipe And Wood Boxes Removed	340 " "



FINAL SURVEY TEMPLATE
 DATE: _____
 BY: _____

ORIGINAL SURVEY TEMPLATE
 DATE: _____
 BY: _____



B.M. # 7
 1/2" x 0 Trough-Highest
 Part Handle Above Bolt
 Elev. 1158.92

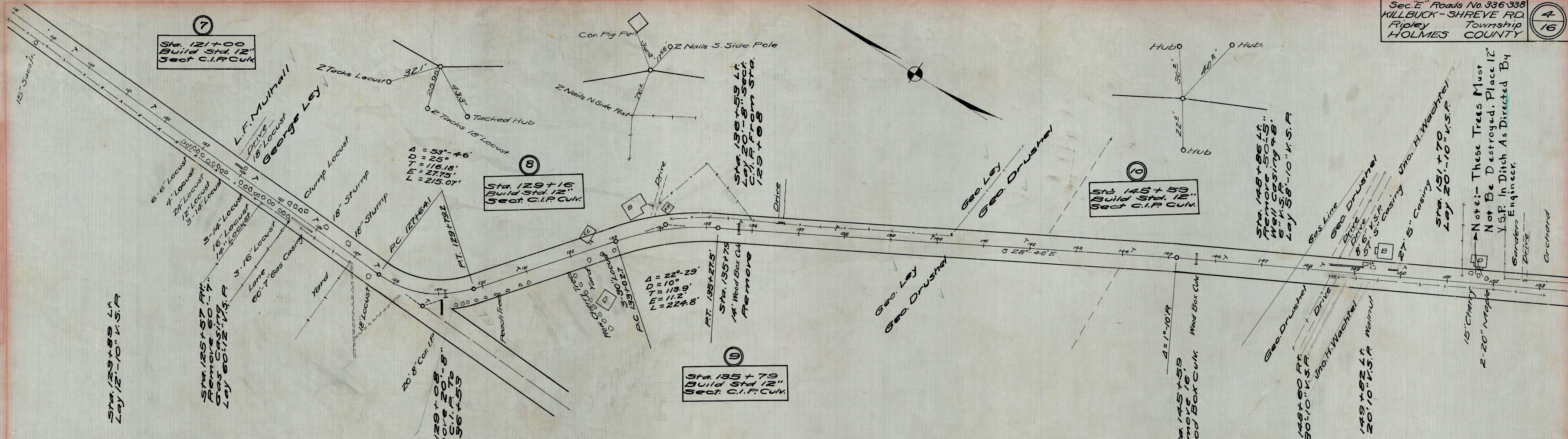
B.M. # 8
 2 Spikes Foot Double
 Apple 60" L 94+75
 Elev. 1204.84

B.M. # 9
 2 Spikes Fence Post
 1st E. of Corner Post
 Elev. 1192.22

B.M. # 10
 2 Spikes 20" Oak
 7th Sta. 105+15
 Elev. 1200.95

B.M. # 11
 2 Spikes 24" Oak
 4th Sta. 112+60
 Elev. 1241.99

L 2.50
 E 3.11
 R.I. 1249.00
 Sta. 114.00



B.M. # 12
1 Spike 24" Oak
35 Ft. Sta. 114+40
Elev. 1248.71

B.M. # 13
1 Spike Foot 18"
Oak 30 Ft. 117+30
Elev. 1243.04

B.M. # 14
2 Spikes 30" In Yard
Oak 30 Ft. 123+00
L. 57' Sta. 123+00
Elev. 1229.92

B.M. # 15
2 Bent Spikes 17 Locust
15' Sta. 132+36, 17' Id.
Elev. 1243.18

B.M. # 16
2 Spikes In T.P.
L. 15' Sta. 148+10
Elev. 1239.83

B.M. # 17
2 Spikes Fence
Post Lt. 148+75
Elev. 1247.28

Station	Prop. Elev.	Exc. Elev.	Cut/Fill	Notes
120	1234.2	1234.2	0	
121	1233.2	1233.2	0	
122	1232.5	1232.5	0	
123	1232.8	1232.8	0	
124	1231.0	1231.0	0	
125	1229.6	1229.6	0	
126	1229.1	1229.1	0	
127	1229.1	1229.1	0	
128	1229.6	1229.6	0	
129	1229.8	1229.8	0	
130	1232.7	1232.7	0	
131	1236.8	1236.8	0	
132	1239.2	1239.2	0	
133	1240.8	1240.8	0	
134	1240.1	1240.1	0	
135	1237.9	1237.9	0	
136	1238.5	1238.5	0	
137	1239.2	1239.2	0	
138	1242.2	1242.2	0	
139	1242.8	1242.8	0	
140	1245.2	1245.2	0	
141	1243.9	1243.9	0	
142	1242.9	1242.9	0	
143	1240.4	1240.4	0	
144	1239.4	1239.4	0	
145	1239.0	1239.0	0	
146	1239.0	1239.0	0	
147	1240.1	1240.1	0	
148	1242.9	1242.9	0	
149	1245.7	1245.7	0	
150	1247.4	1247.4	0	

Cut 565 Cu. Yds. Fill +15% 565 " " "

Cut 280 Cu. Yds. Fill +15% 280 " " "

Cut 323 Cu. Yds. Fill +15% 323 " " "

Cut 341 Cu. Yds. Fill +15% 341 " " "

Cut 90.2 Cu. Yds. Fill +15% 89.5 " " "

Cut 519.8 Cu. Yds. Fill +15% 519.8 " " "

Cut 451 Cu. Yds. Fill +15% 451 " " "

L100
E 0.20
P.I. 1235.00
Sta. 120+00

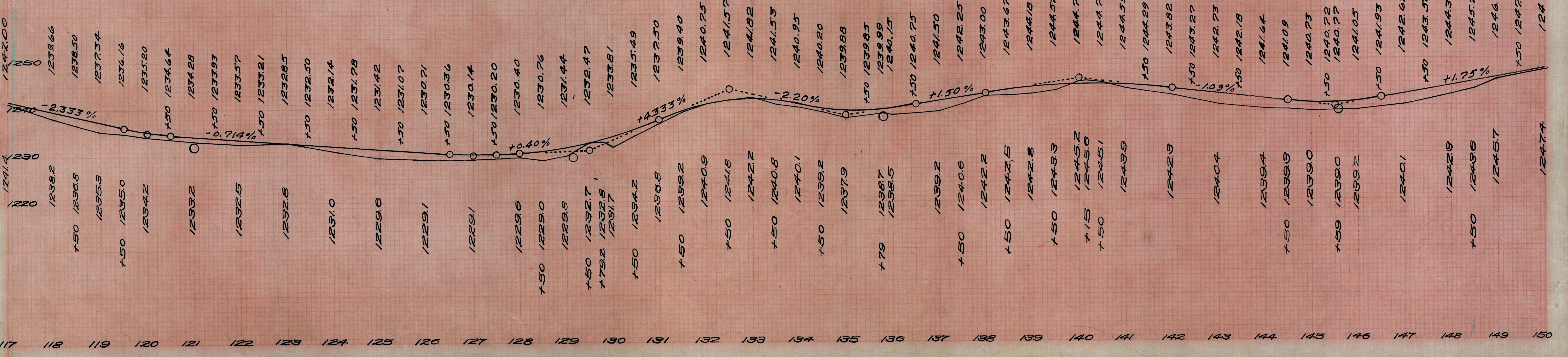
L100
E 0.14
P.I. 1230.00
Sta. 127+00

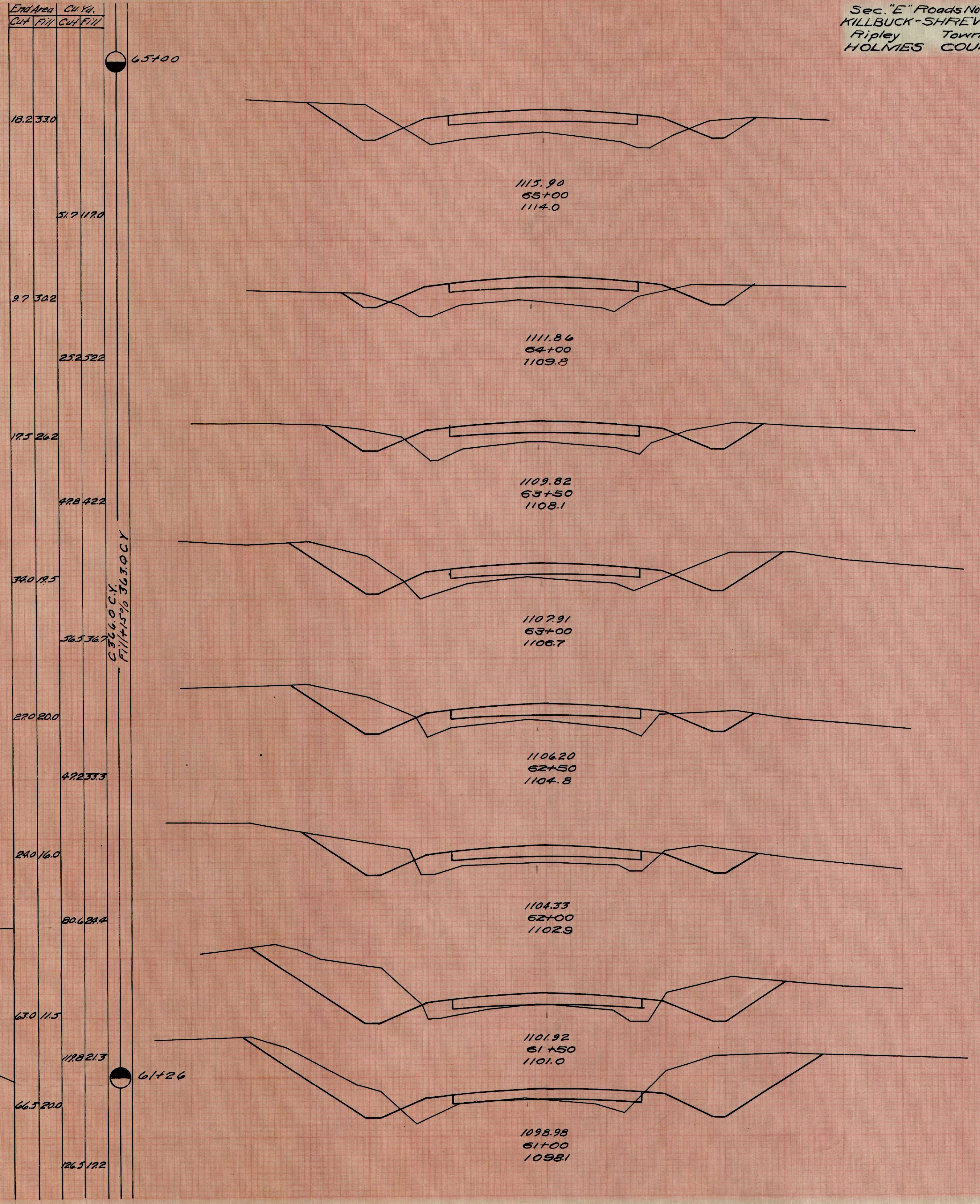
L300
E 1.47
P.I. 1231.00
Sta. 129+50

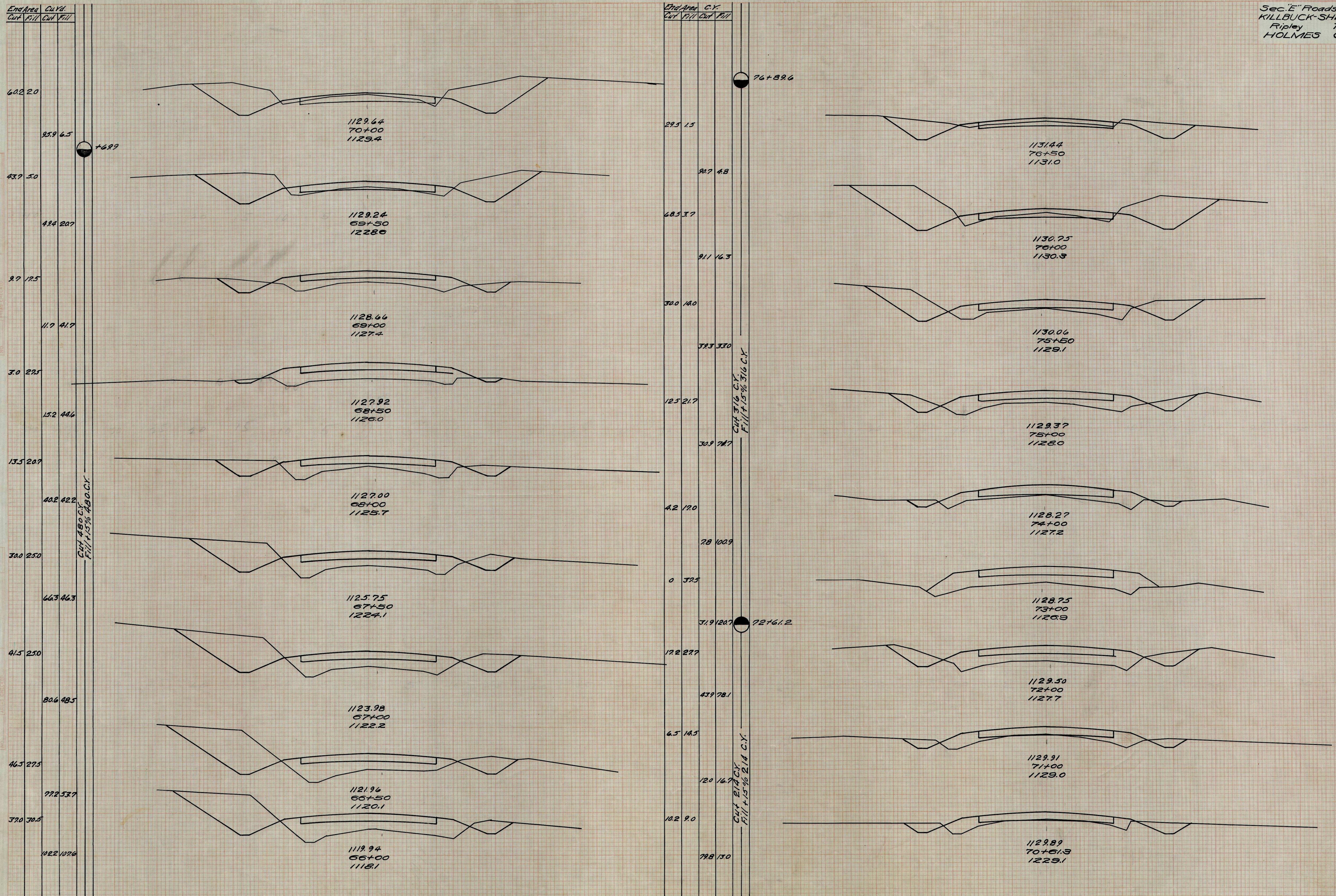
L300
E 1.38
P.I. 1238.50
Sta. 135+00

L400
E 1.30
P.I. 1246.00
Sta. 140+00

L200
E 0.71
P.I. 1240.00
Sta. 145+50



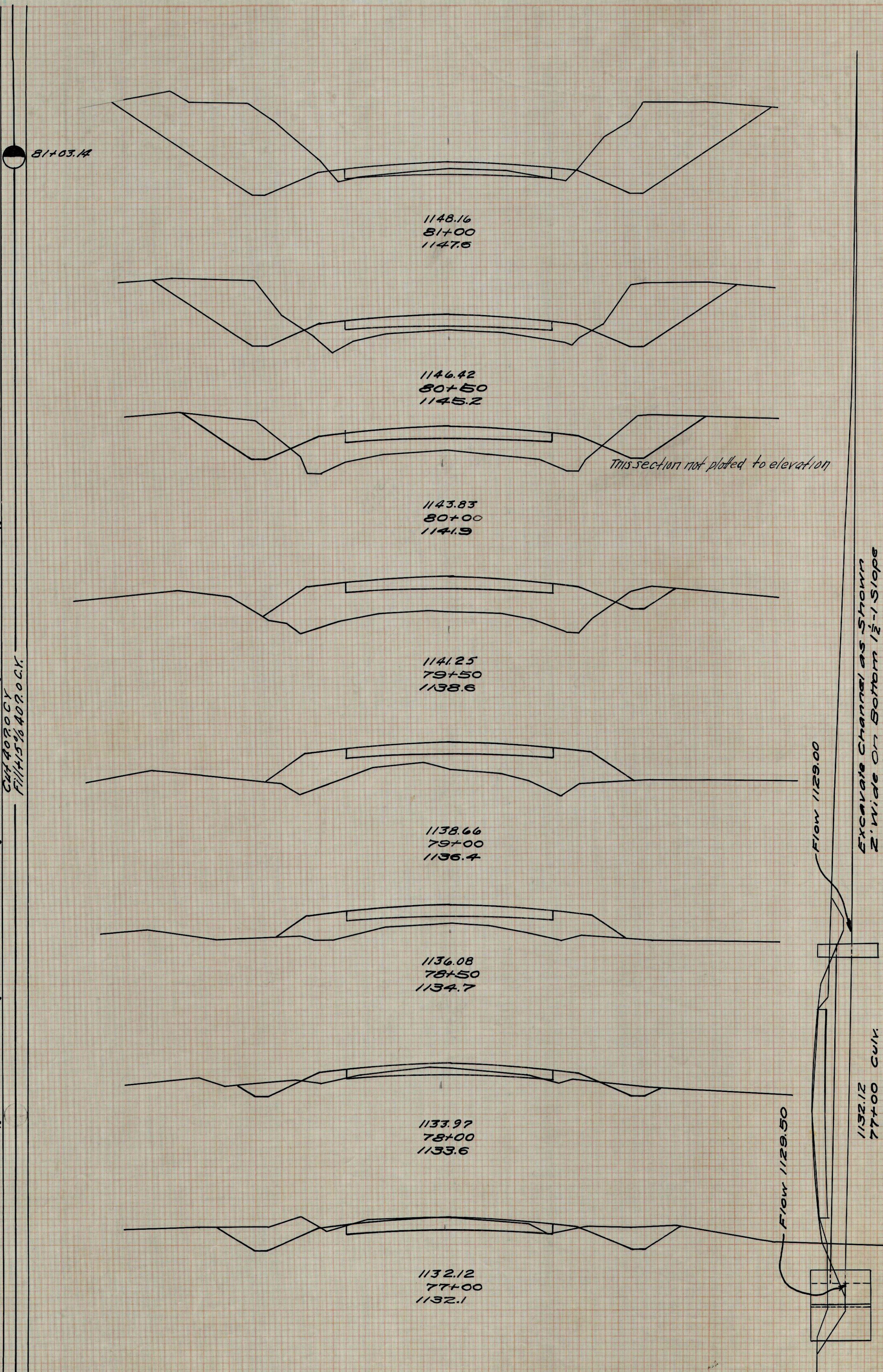




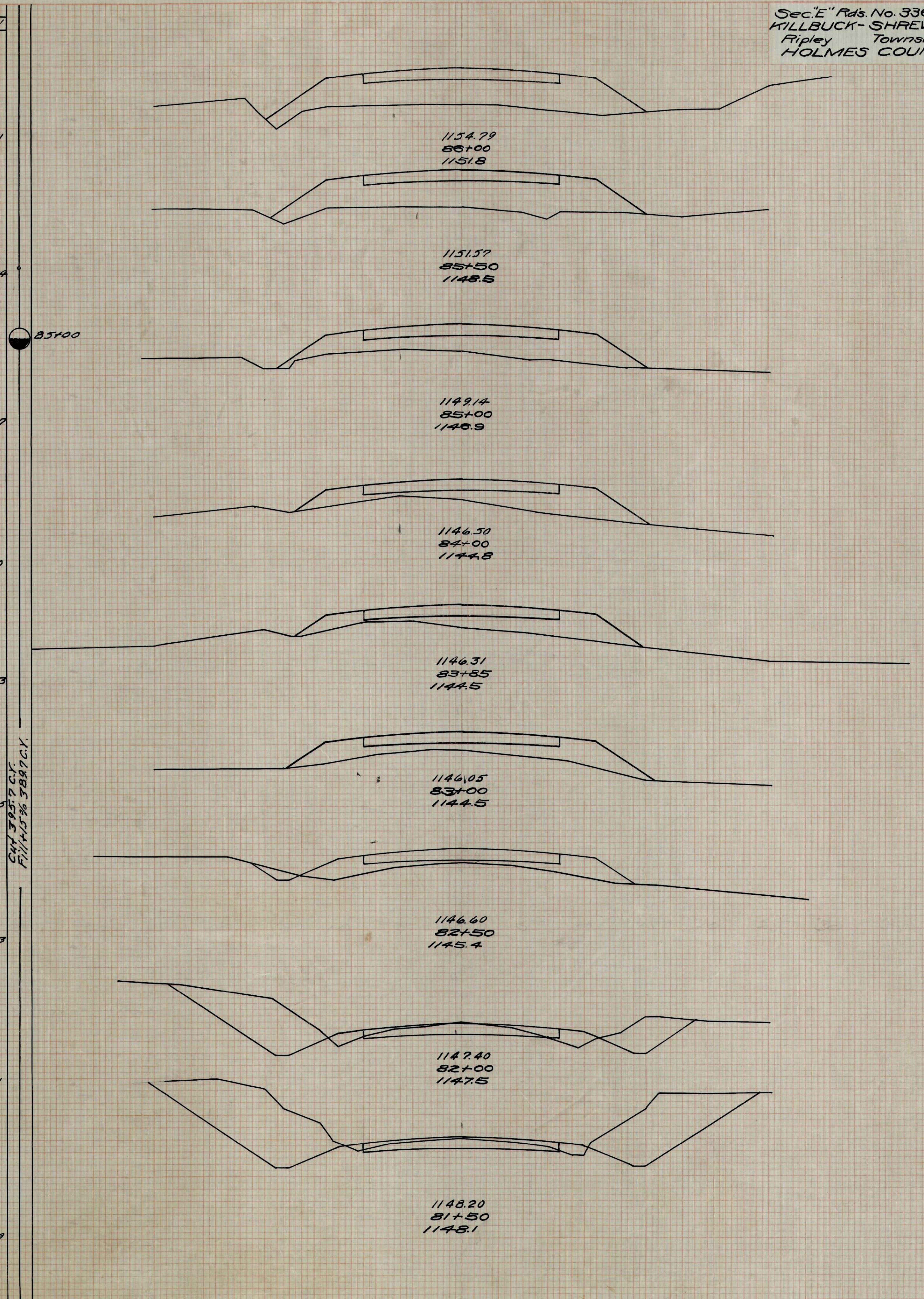
FINAL SURVEY
 SURVEY PLOTTED
 NOTE BOOK
 NO.

ORIGINAL SURVEY
 SURVEY PLOTTED
 NOTE BOOK
 NO.

End Area	Cu. Yd.
Cut	Fill
1282.30	
1289.18.7	
597.122	
813.478	
282.345	
327.852	
50.575	
46.957	
0.460	
0.687	
0.282	
10.4.298	
11.2.4.0	
78.4.10.2	
317.1.5	
567.2.8	

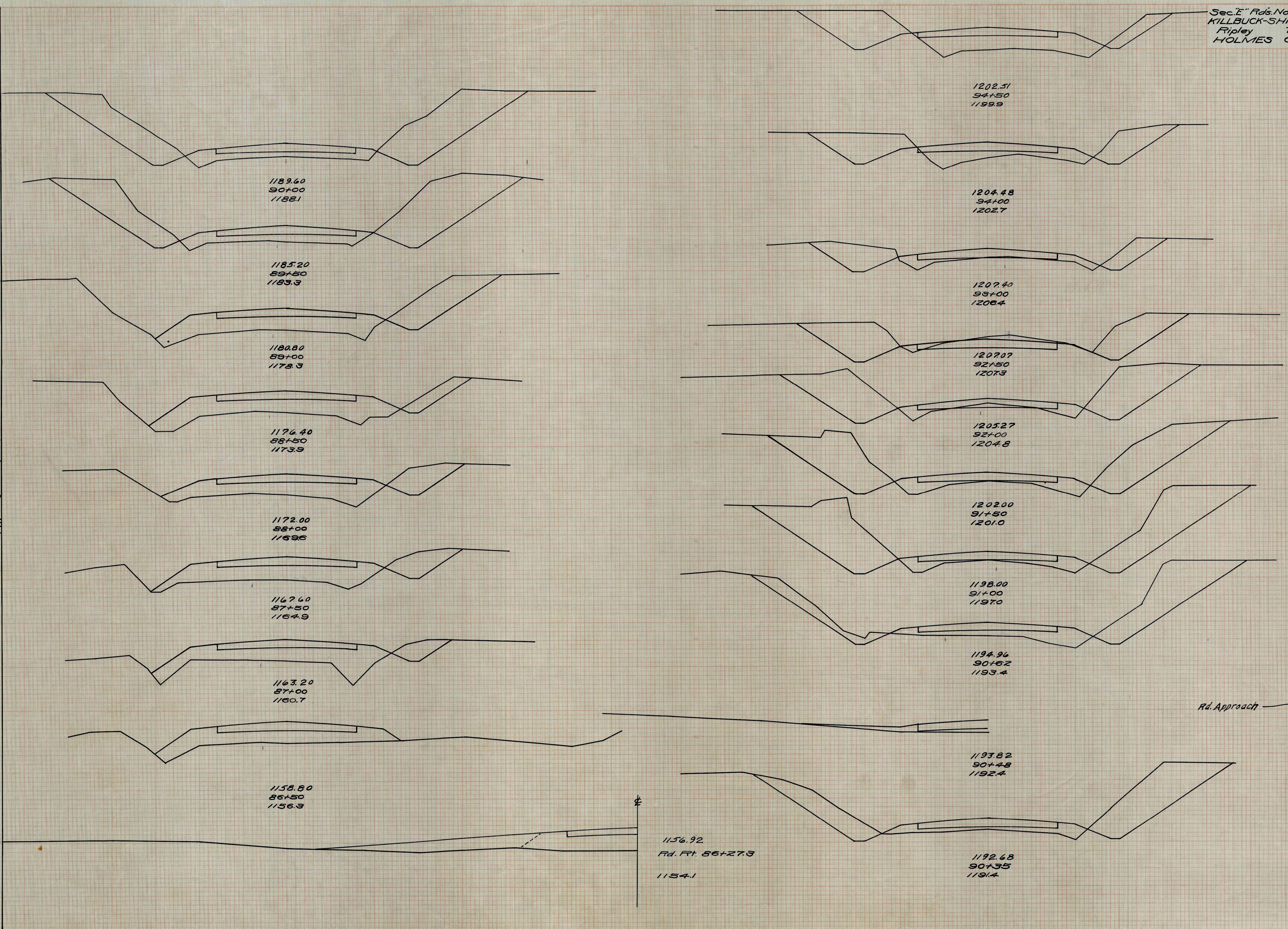


End Area	Cu. Yd.
Cut	Fill
0.625	
0.1181	
0.630	
0.1084	
0.435	
0.1407	
0.325	
0.170	
0.287	
0.963	
0.325	
2.0.48.5	
2.2.200	
51.7.233	
537.5.2	
1435.8.1	
1012.3.5	
224.5.9	



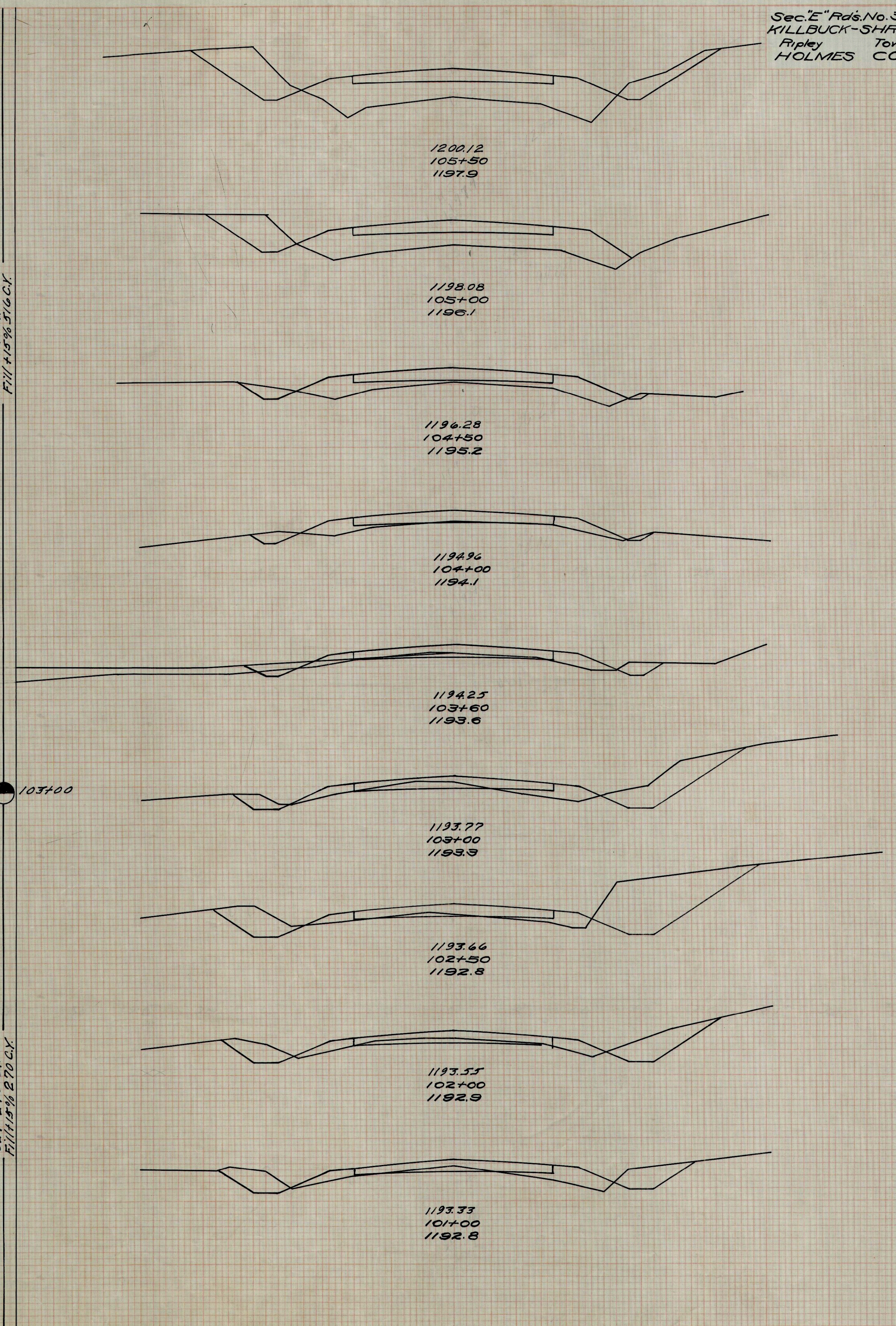
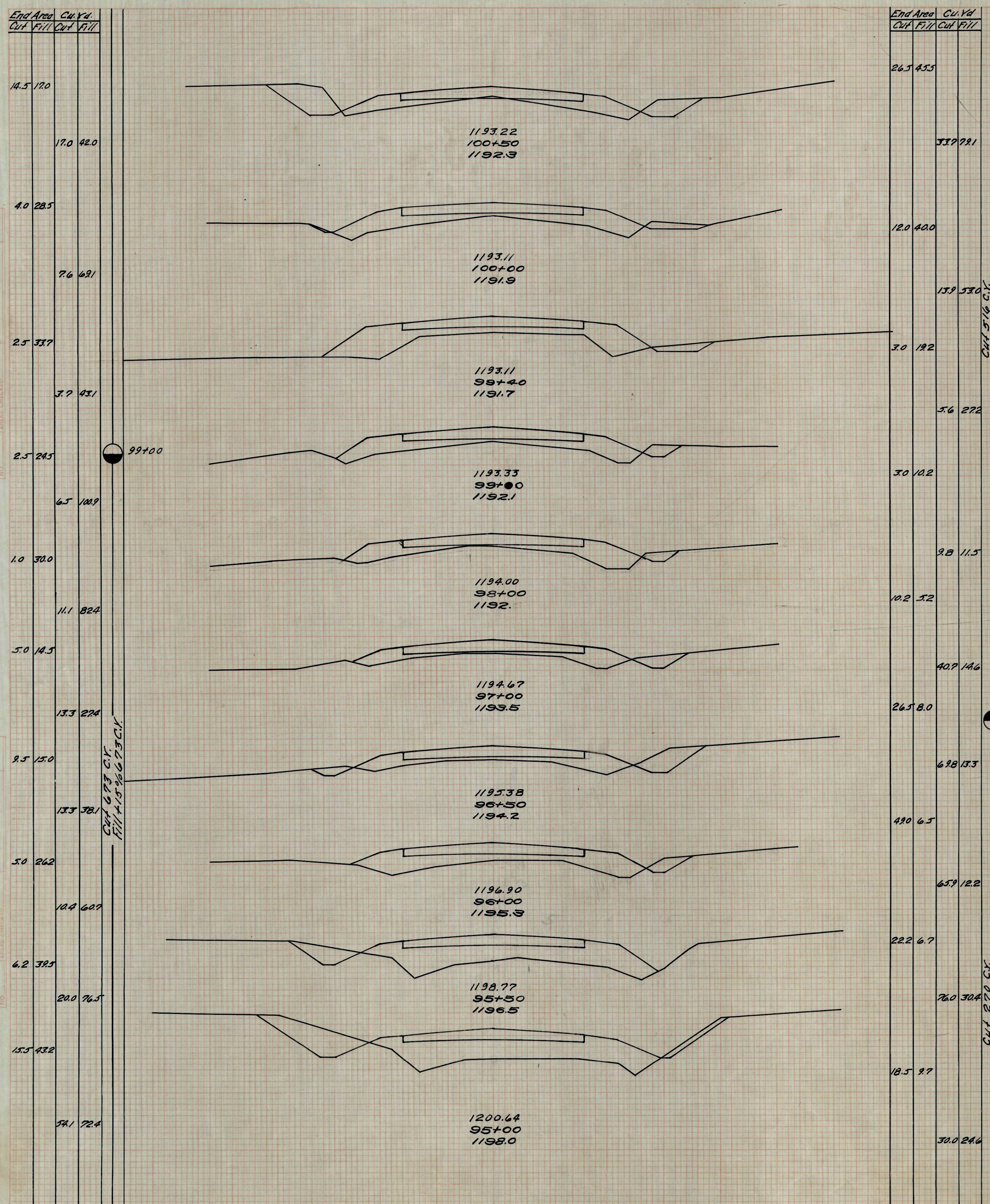
End Area	Cu. Yd.	End Area	Cu. Yd.
Cut	Fill	Cut	Fill
1015.18.5		43.0	35.0
1904.33.5			824.483
1082.18.7		46.0	18.2
1248.60.7			1463.50.7
307.46.0		33.0	9.6
32.190.4			100.49.6
10.551.7		75.7	1.2
26.386.1			1494.8.0
18.041.2		86.0	7.5
31.379.6			1622.22.4
15.744.5		88.2	16.7
23.084.4			1921.28.1
9.246.7		123.7	13.7
8.581.3			1722.28.9
0 41.0		70.2	19.0
0 95.7			251.17.2
			4.0
			81.7 13.5
			118.735.2

Cut 110% C.Y.
 Fill 102% C.Y.



FINAL SURVEY PLOTTED
 DATE: _____

ORIGINAL SURVEY PLOTTED
 DATE: _____



CUT 673 C.Y.
 FILL 15% 673 C.Y.

CUT 516 C.Y.
 FILL 15% 516 C.Y.

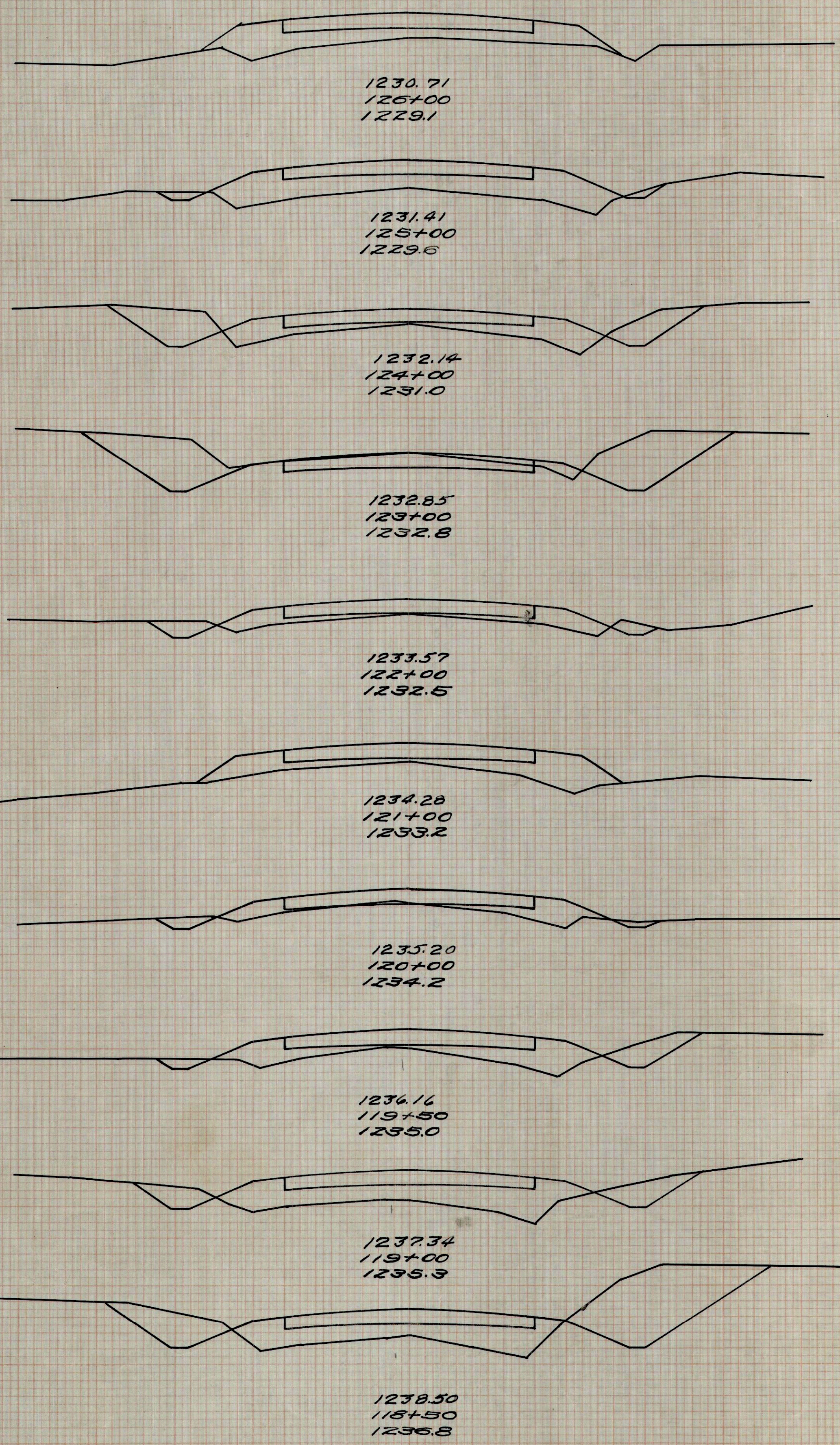
CUT 270 C.Y.
 FILL 15% 270 C.Y.

ORIGINAL SURVEY
 SURVEY
 NOTE BOOK
 NO.

DATE
 BY
 ORIGINAL SURVEY
 SURVEY
 NOTE BOOK
 NO.

End Area	Cu. Yd.	End Area	Cu. Yd.
Cut	Fill	Cut	Fill
0	27.0	51.5	0.5
5.6	114.8	99.6	3.0
3.0	35.0	56.2	2.7
43.5	98.1	94.1	8.0
20.5	18.0	45.3	6.0
13.00	36.1	243	15.7
4.97	1.5	34.7	11.0
10.28	3.28	6.00	17.6
5.8	16.2	3.22	8.0
10.7	71.7	28.9	23.3
0	22.5	1.0	12.2
6.9	62.4	0.9	44.3
3.7	11.2	0	30.7
11.5	29.1	20	34.6
8.7	26.2	27	6.7
18.7	47.8	12.4	29.6
11.5	31.5	1.7	9.7
5.28	53.0	3.1	68.0
4.53	25.7		
8.89	76.5		

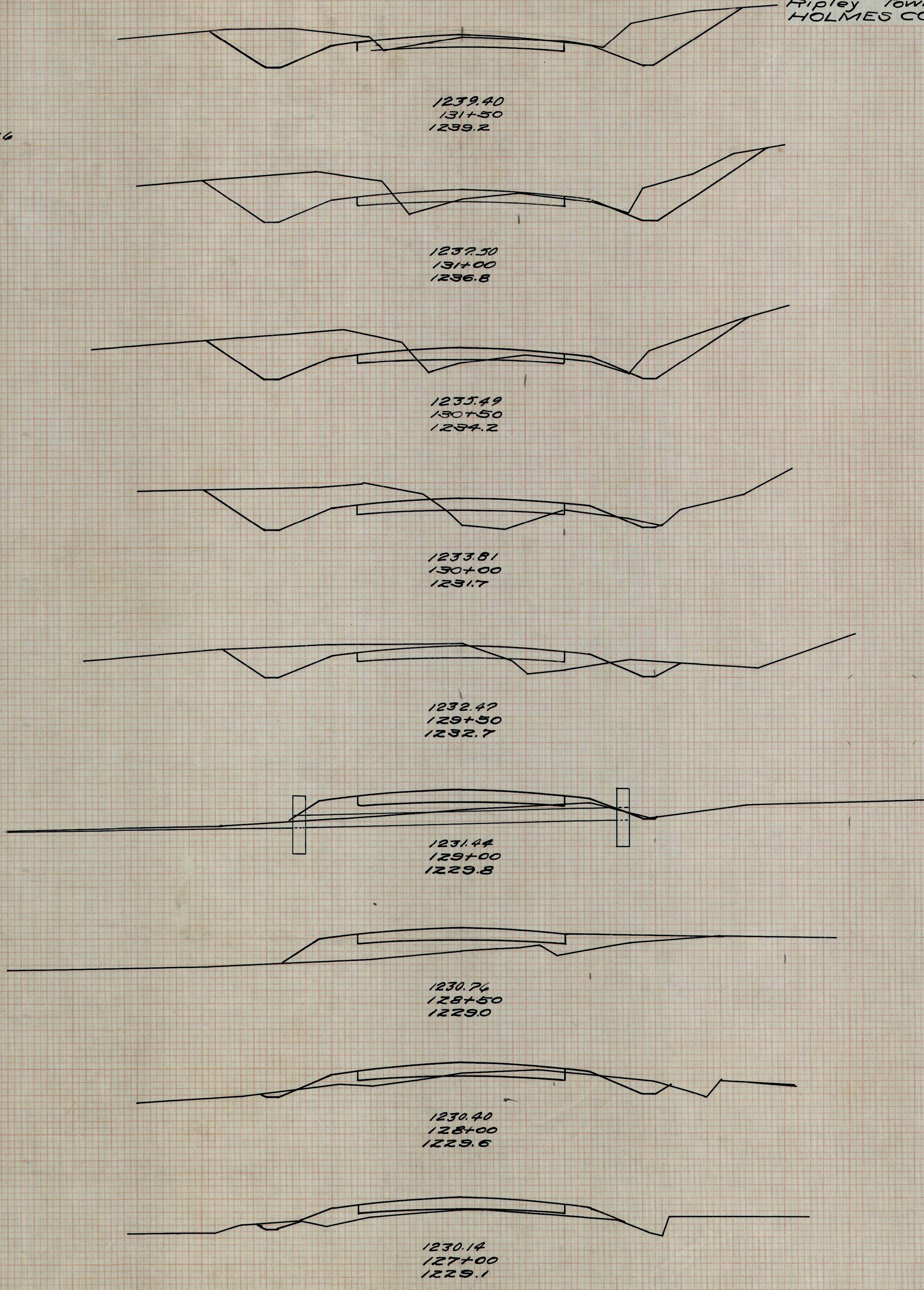
CUT 280.0 CY
 FILL +15% 280.0 CY
 CUT 565.0 CY
 FILL +15% 565.0 CY

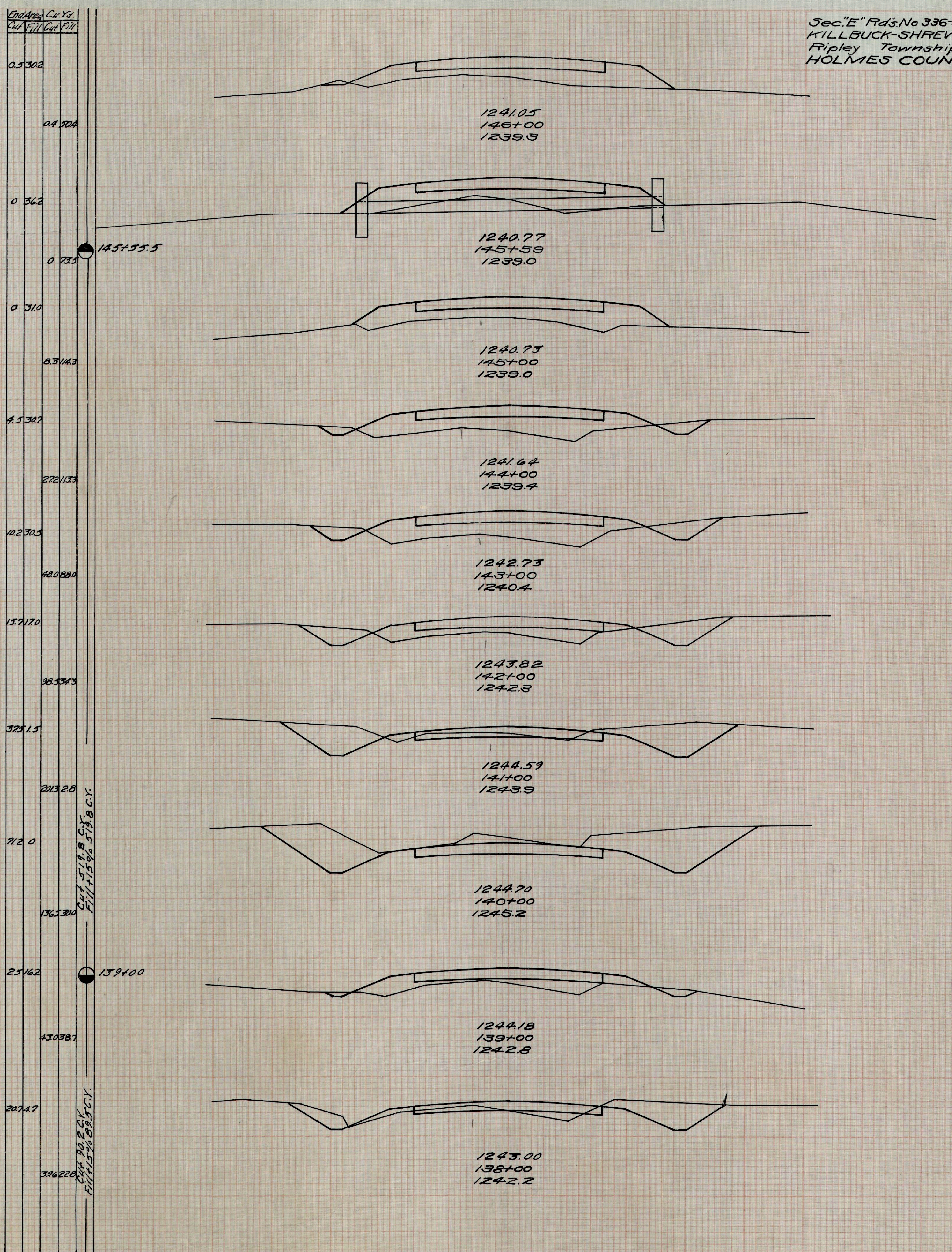
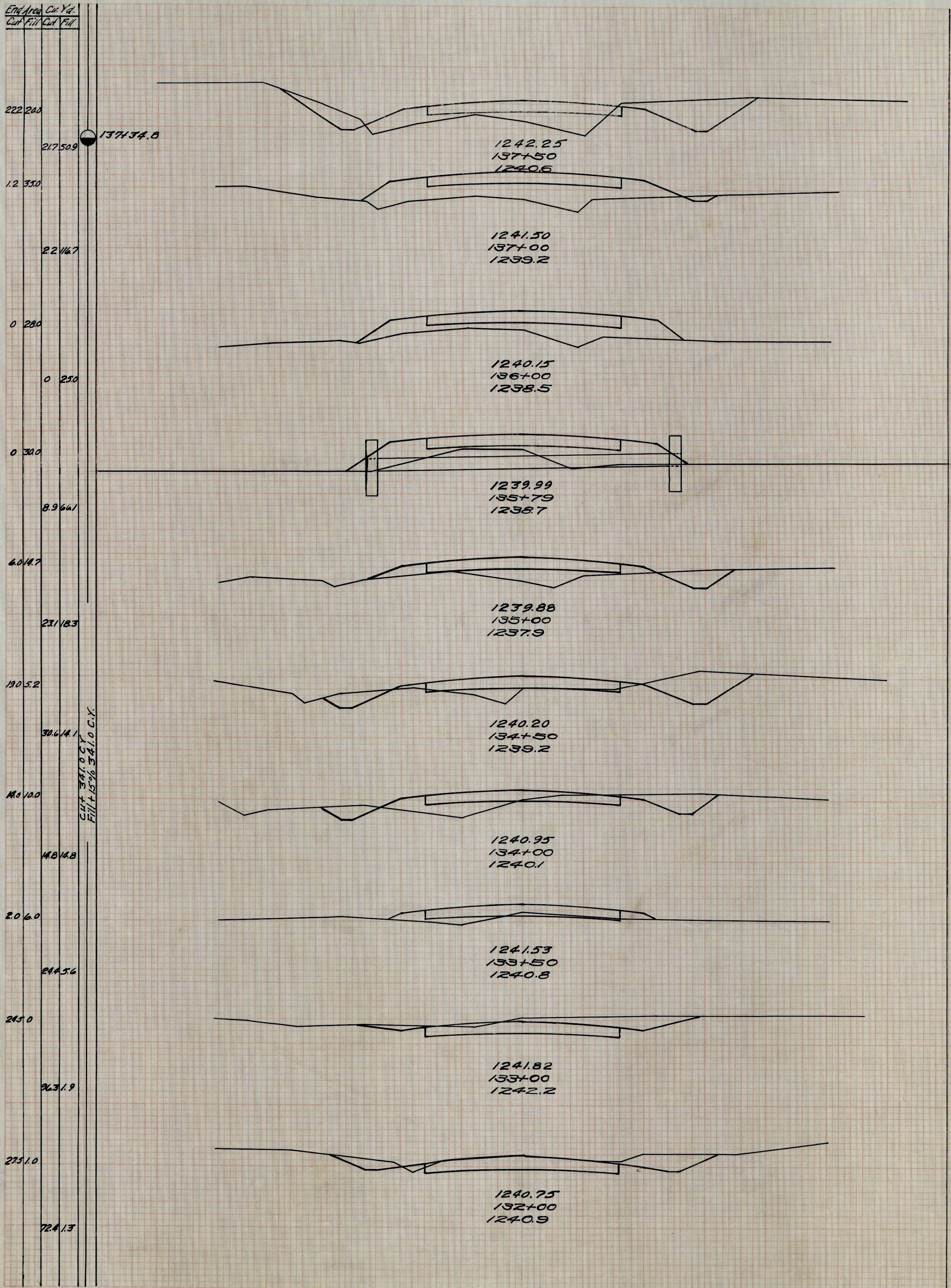


End Area	Cu. Yd.	End Area	Cu. Yd.
Cut	Fill	Cut	Fill
51.5	0.5	51.5	0.5
99.6	3.0	99.6	3.0
56.2	2.7	56.2	2.7
94.1	8.0	94.1	8.0
45.3	6.0	45.3	6.0
243	15.7	243	15.7
34.7	11.0	34.7	11.0
6.00	17.6	6.00	17.6
3.22	8.0	3.22	8.0
28.9	23.3	28.9	23.3
1.0	12.2	1.0	12.2
0.9	44.3	0.9	44.3
0	30.7	0	30.7
20	34.6	20	34.6
27	6.7	27	6.7
12.4	29.6	12.4	29.6
1.7	9.7	1.7	9.7
3.1	68.0	3.1	68.0

CUT 323.0 CY
 FILL +15% 323.0 CY

15/17.6



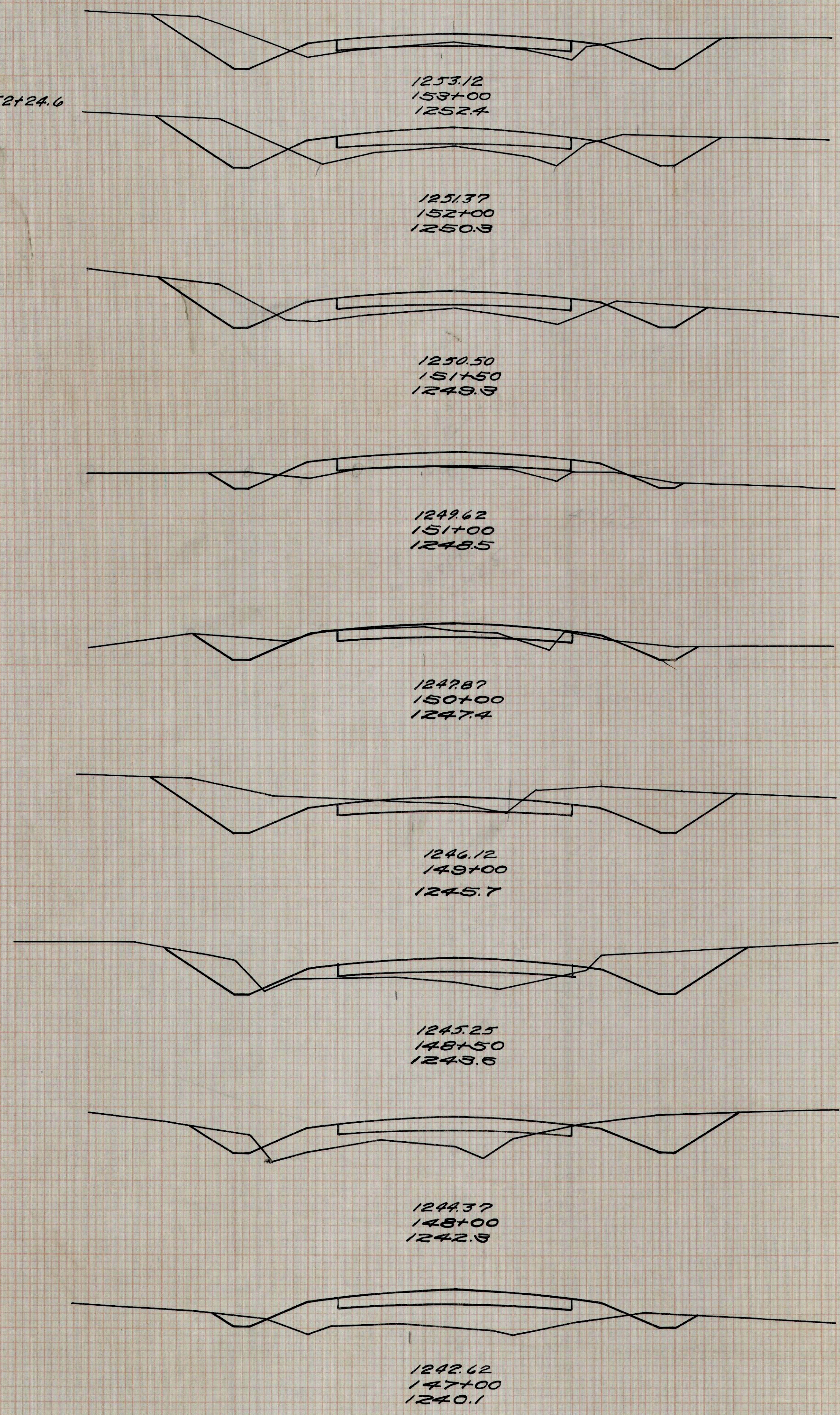


FINAL SURVEY
 MAPS BOOK
 NO.

ORIGINAL SURVEY
 MAPS BOOK
 NO.

Start Area Cu. Yd.		End Area Cu. Yd.	
Cut	Fill	Cut	Fill
260	60	935	370
245	140	398	278
185	160	219	241
52	100	420	213
125	15	1365	288
562	0	781	107
282	115	467	274
222	182	517	961
55	337	111	180

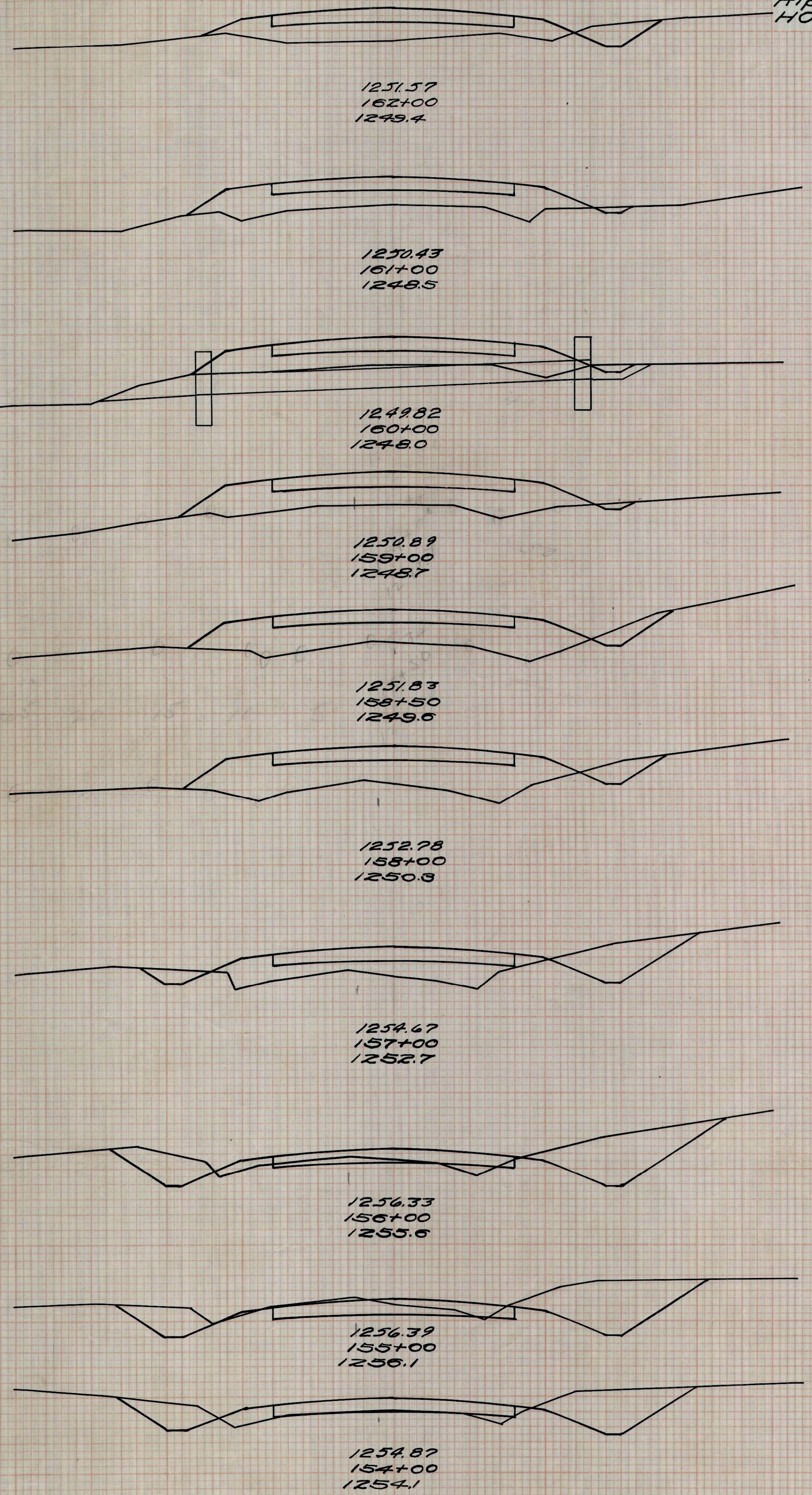
CUT & FILL BLOCK
 FILL 3% 45% C.C.Y.



End Area Cu. Yd.		Start Area Cu. Yd.	
Cut	Fill	Cut	Fill
6.5	225	1379	1086
10	317	37	1086
10	273	10	760
5.0	412	5.6	71.5
93	30.4	5.0	455
439	1278	187	235
1052	546	382	4.0
1350	9.3	455	1.0
1398	2.3	300	4.0
1489	18.5		

CUT & FILL BLOCK
 FILL 15% 60% B.C.Y.

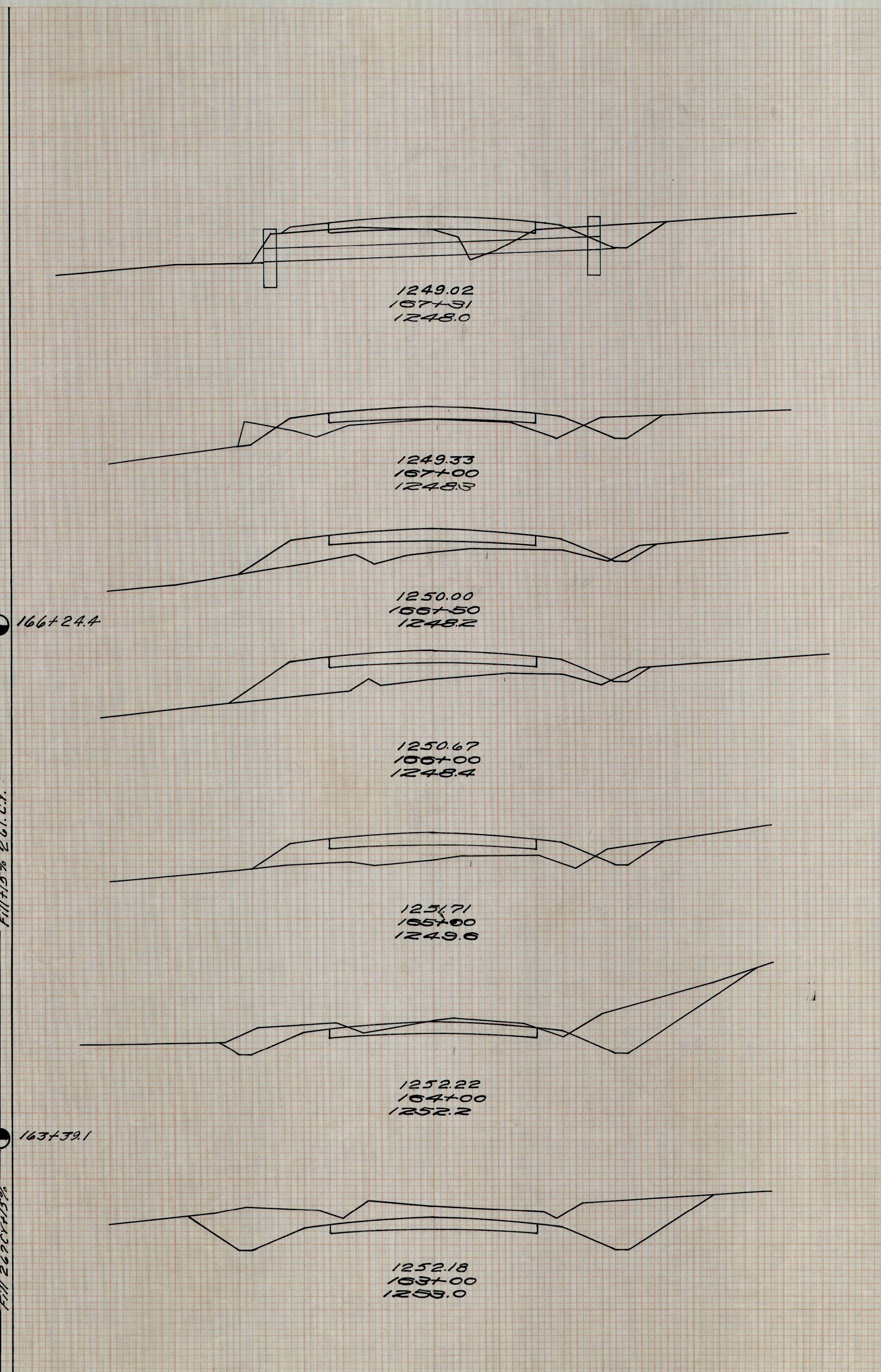
160+34.8



FINAL SURVEY PLOTTED
 NOTE BOOK NO. 100
 DATE

ORIGINAL SURVEY PLOTTED
 NOTE BOOK NO. 100
 DATE

End Area		Cu. Yd.	
Cut	Fill	Cut	Fill
9.0	11.2		
10.0	13.3		
9.0	13.2		
9.6	4.0		
1.5	3.0		
28	6.61		
1.5	4.5		
12.0	34.6		
5.0	3.2		
10.0	5.6		
5.0	1.0		
23.5	1.9		
7.87	0		
15.76	50.9		



End Area		Cu. Yd.	
Cut	Fill	Cut	Fill
31.0	0		
71.5	12.0		
46.2	13.0		
71.5	4.22		
31.0	3.25		
43.9	6.52		
18.7	3.80		
52.2	10.9		
9.5	1.65		
18.0	1.26		
10.0	2.5		
32.4	3.1		
23.0	1.0		
44.1	15.6		

CH 59.76 CY
 Fill 15% 3.95 C.Y.

