

L-12

STATE OF OHIO  
DEPARTMENT OF HIGHWAYS AND PUBLIC WORKS  
DIVISION OF HIGHWAYS.

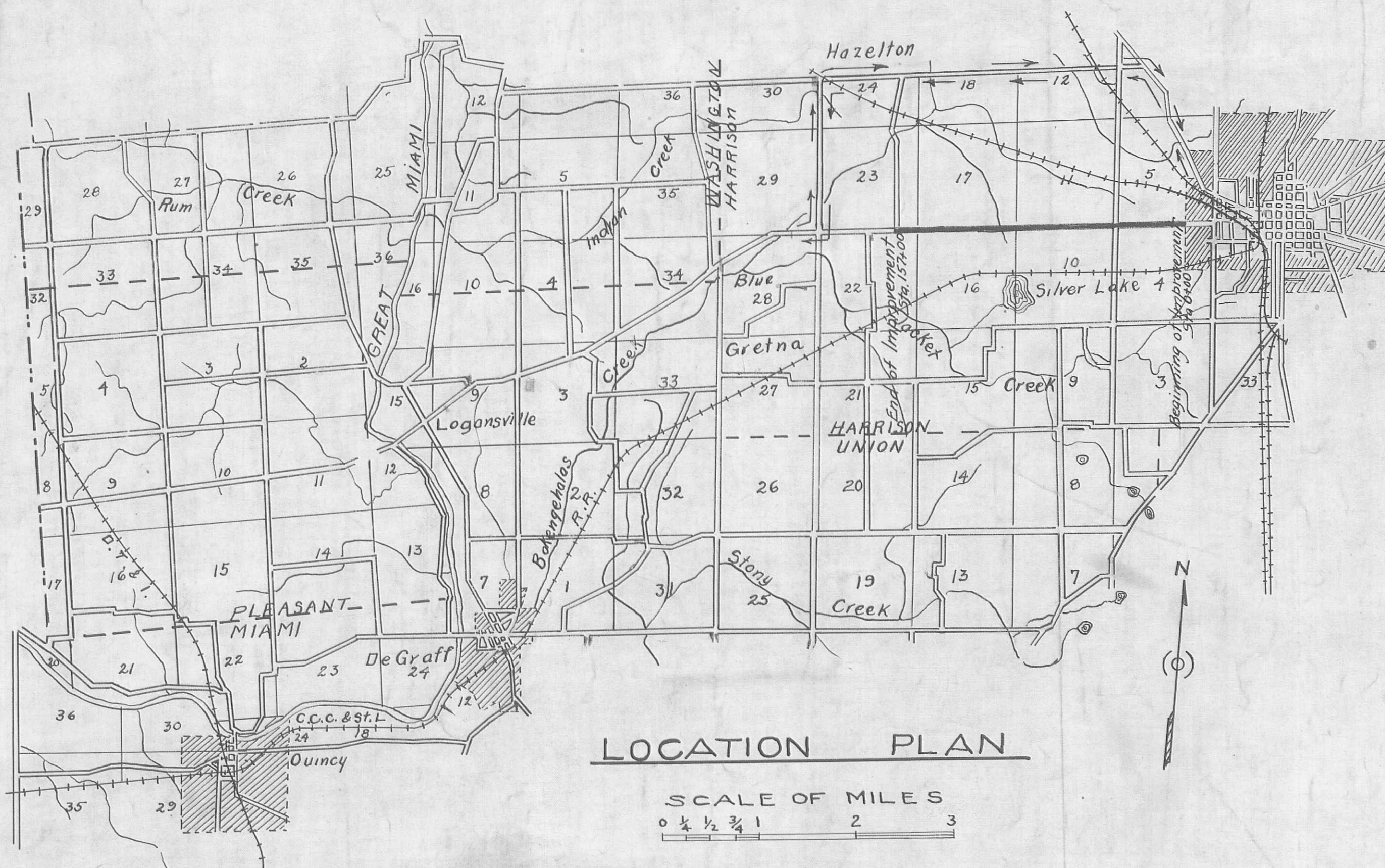
SEC. K BELLEFONTAINE-SIDNEY ROAD

I. C. H. 234 PET. 3810

LOGAN COUNTY  
HARRISON TOWNSHIP

INDEX TO SHEETS

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15	SUMMARY SHEET of Structures under 20' of Farm drive structures of pavement and roadway quantities.



- CONVENTIONAL SIGNS
- County Line ————
  - Township Line - - - - -
  - Section Line ————
  - Center Line ————
  - Village line - - - - -
  - Fence line — x — x —
  - Steam Railroad — + + + +
  - Telephone line T T T
  - Hedge fence ~~~~~~

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 the improvement will require the closing of the highway to traffic and that the detours will be indicated by signs as shown on the plans and estimates.

Approved \_\_\_\_\_ Resident Engineer.  
Date \_\_\_\_\_

Approved \_\_\_\_\_ Division Engineer.  
Date \_\_\_\_\_

Approved \_\_\_\_\_ State Highway Engineer.  
Date \_\_\_\_\_

Approved \_\_\_\_\_ Director of Highways and Public Works  
Date \_\_\_\_\_

Recommended for Approval \_\_\_\_\_  
Date \_\_\_\_\_ District Engineer Bureau of Public Roads.

Recommended for Approval \_\_\_\_\_  
Date \_\_\_\_\_ Chief Engineer Bureau of Public Roads.

Approved \_\_\_\_\_  
Date \_\_\_\_\_ Chief of Bureau.

We, the Commissioners of Logan County hereby approve these plans and certify that the Right-of-Way of 60 Ft. width is available for the construction, maintenance and repair of the above highway.

Signed: \_\_\_\_\_  
\_\_\_\_\_

Dated: \_\_\_\_\_ County Commissioners.

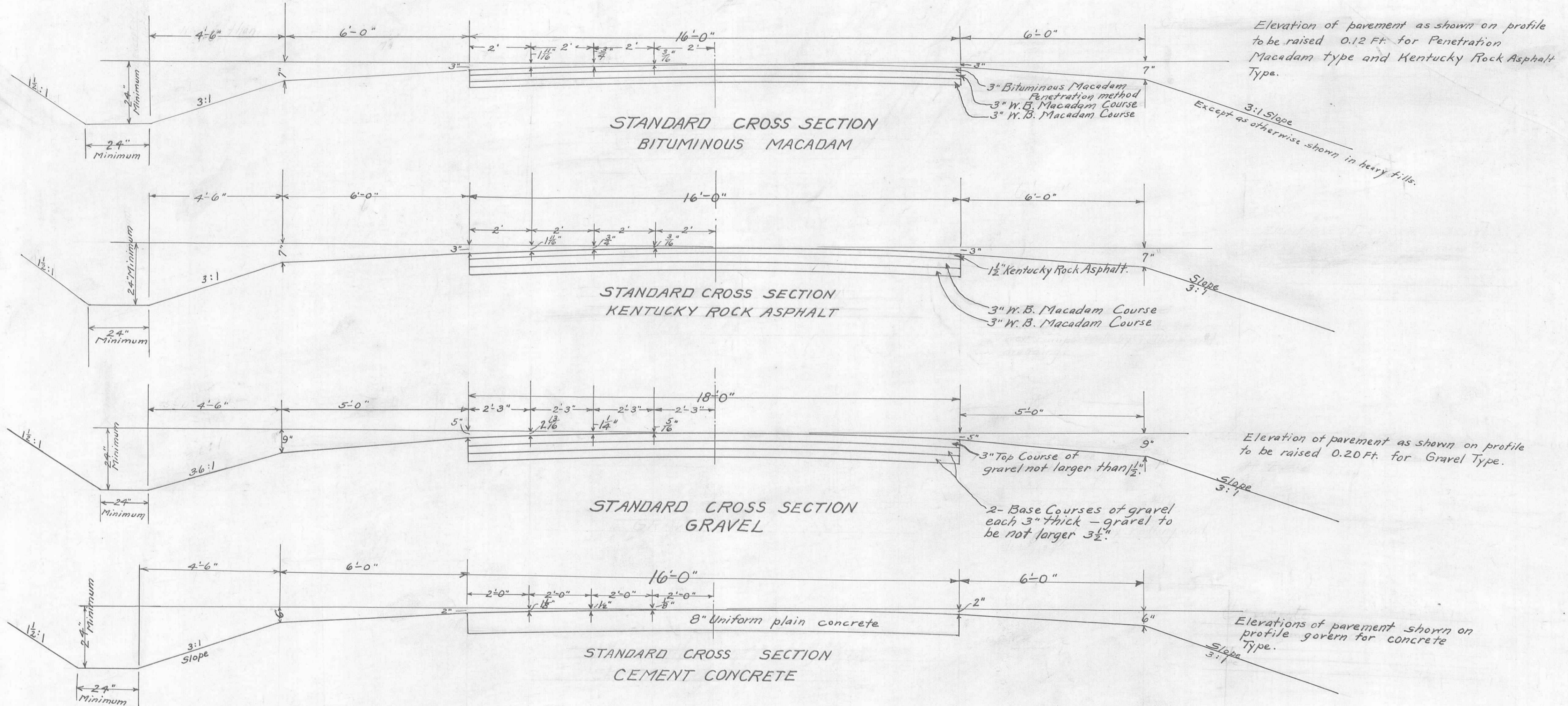
PORTION TO BE IMPROVED ————  
DETOURS SHOWN THUS ————

SCALES  
Plan 1"=100'  
Profile (Vertical) 1"=10'  
Profile (Horizontal) 1"=100'  
Cross Sections 1"=5'

L-12

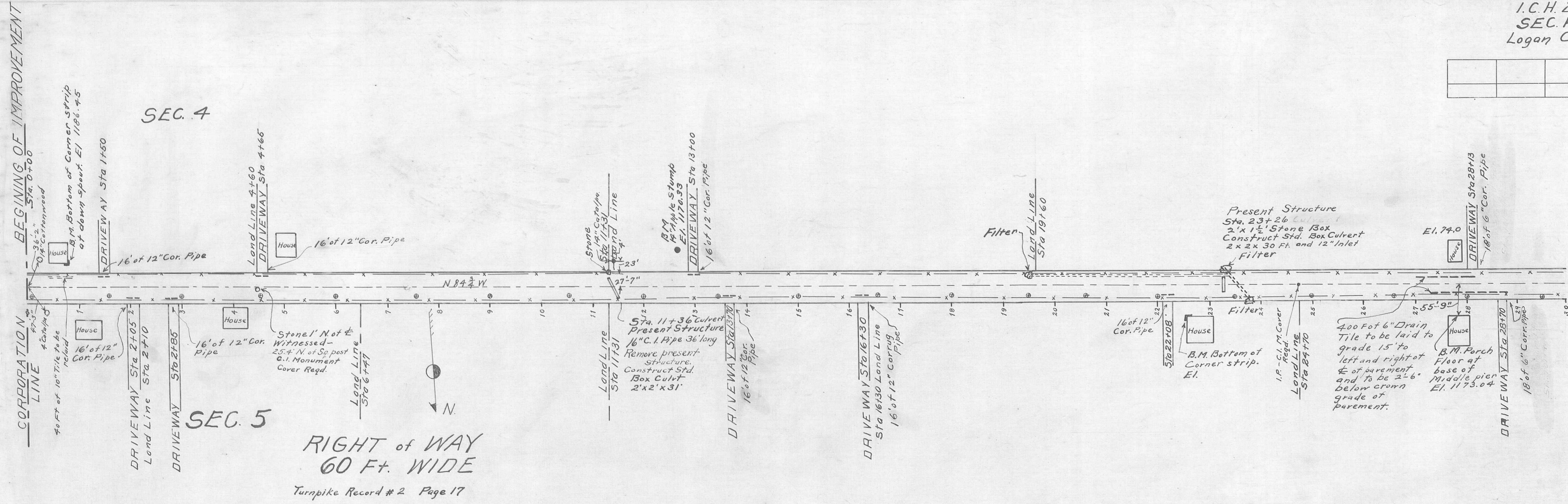
L-12

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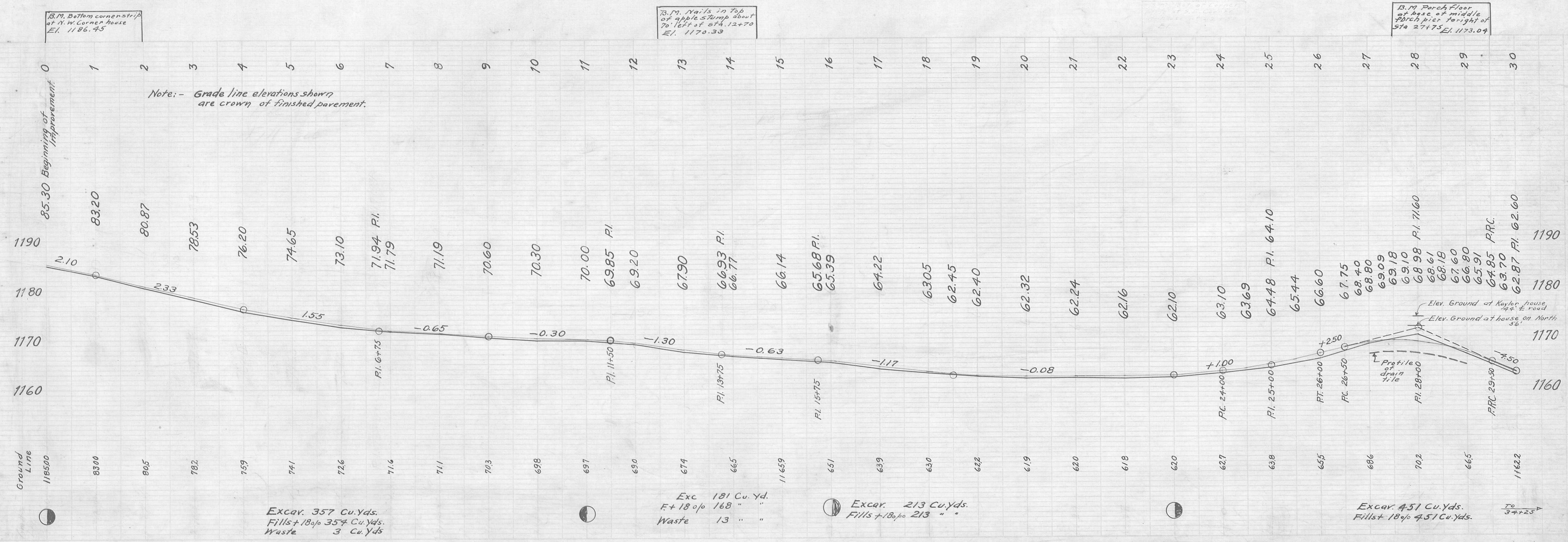


**Note**  
 Cross sections were figured with a 7"x9" Concrete section with a flat subgrade. No change in excavation quantities are necessary using grade lines as shown on profile for 8" Uniform concrete section. Grade lines for the alternate types have been slightly changed to provide for the difference in crown in the alternate types. See notes to right of each type.

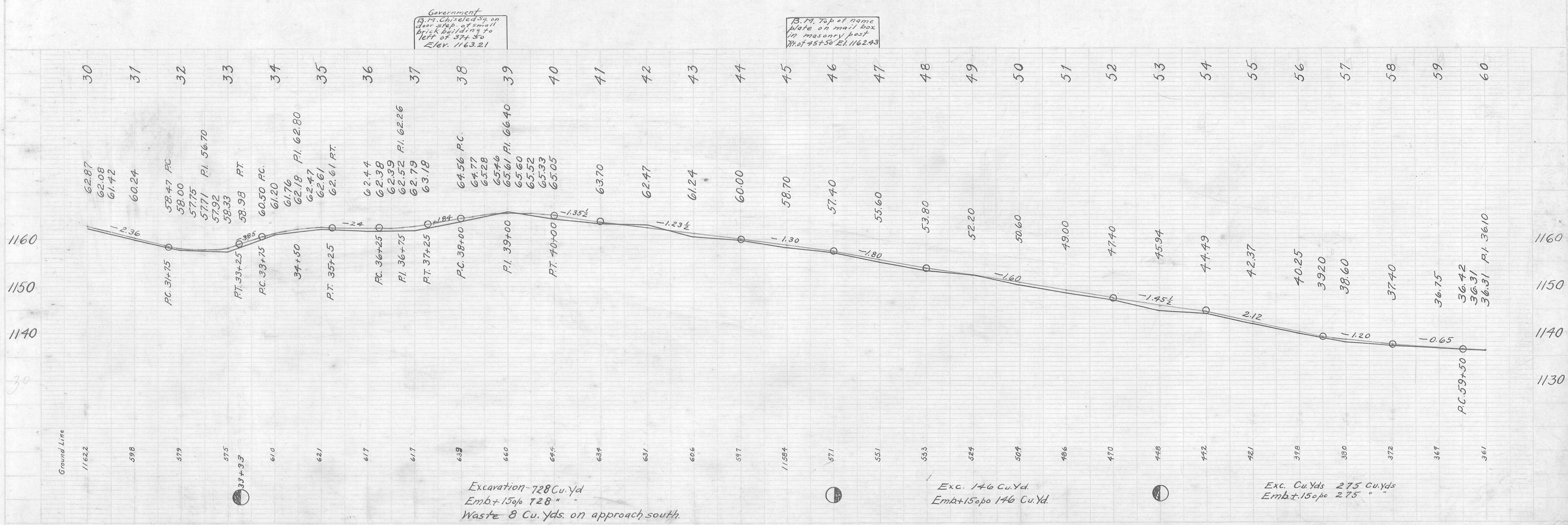
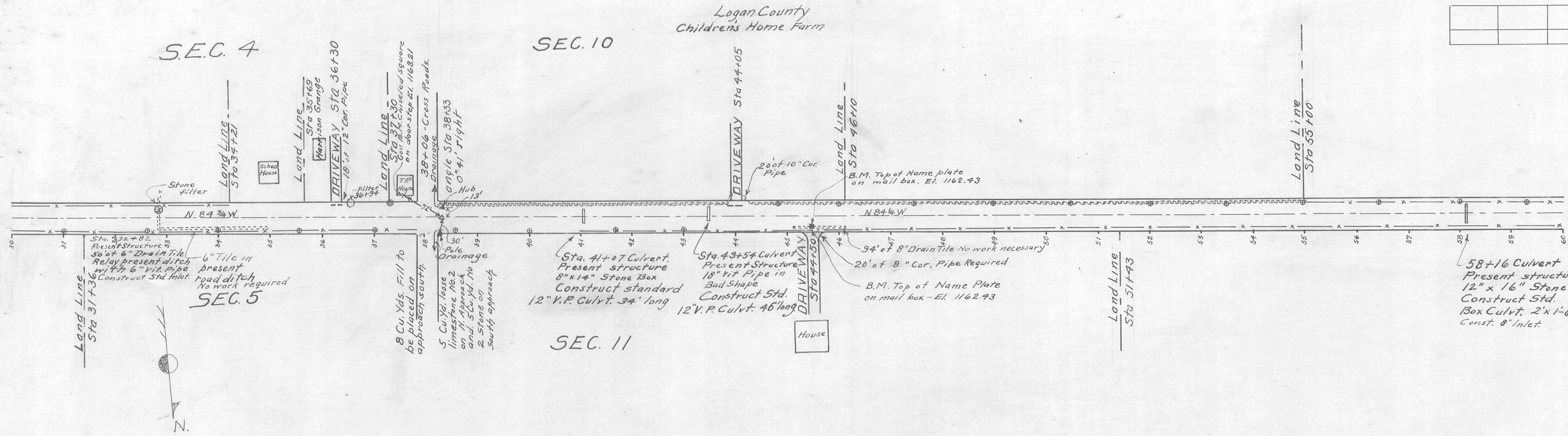
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RIGHT OF WAY  
 60 Ft. WIDE  
 Turnpike Record # 2 Page 17



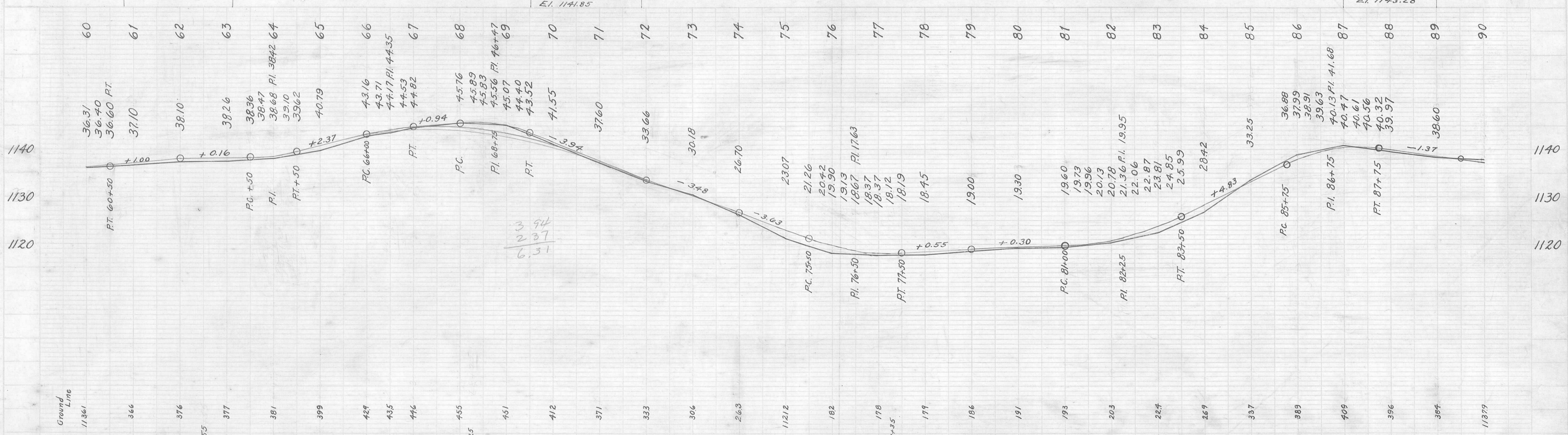
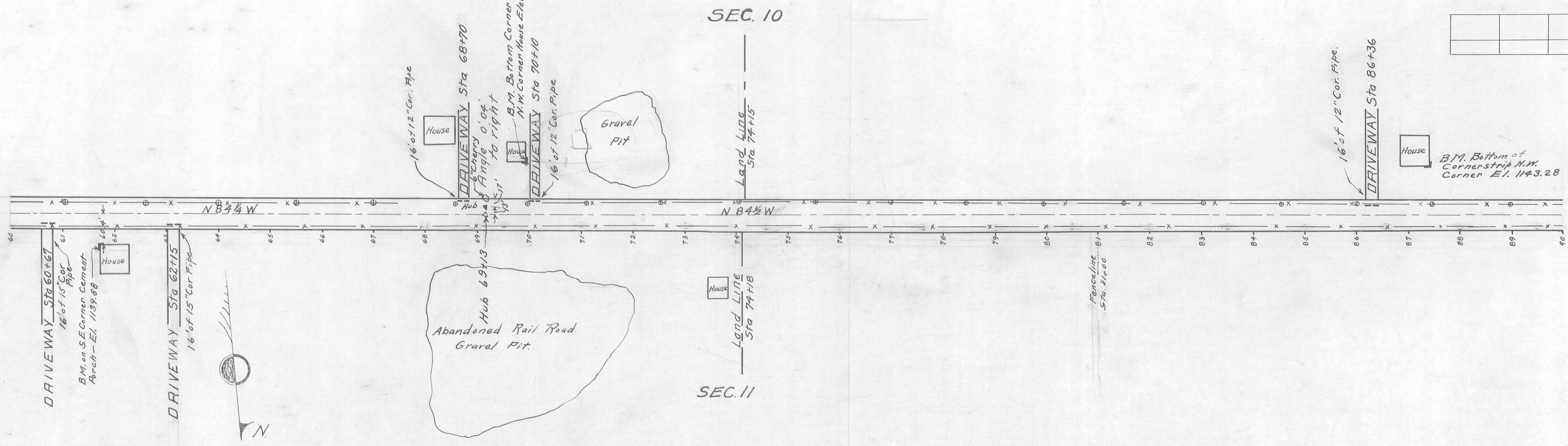
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PLAN  
CHECKED  
DATE  
BY

PROFILE  
CHECKED  
DATE  
BY

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Exc. 253 Cu. Yd.  
Fills + 18% 248 Cu. Yd.  
Waste 5 Cu. Yd.

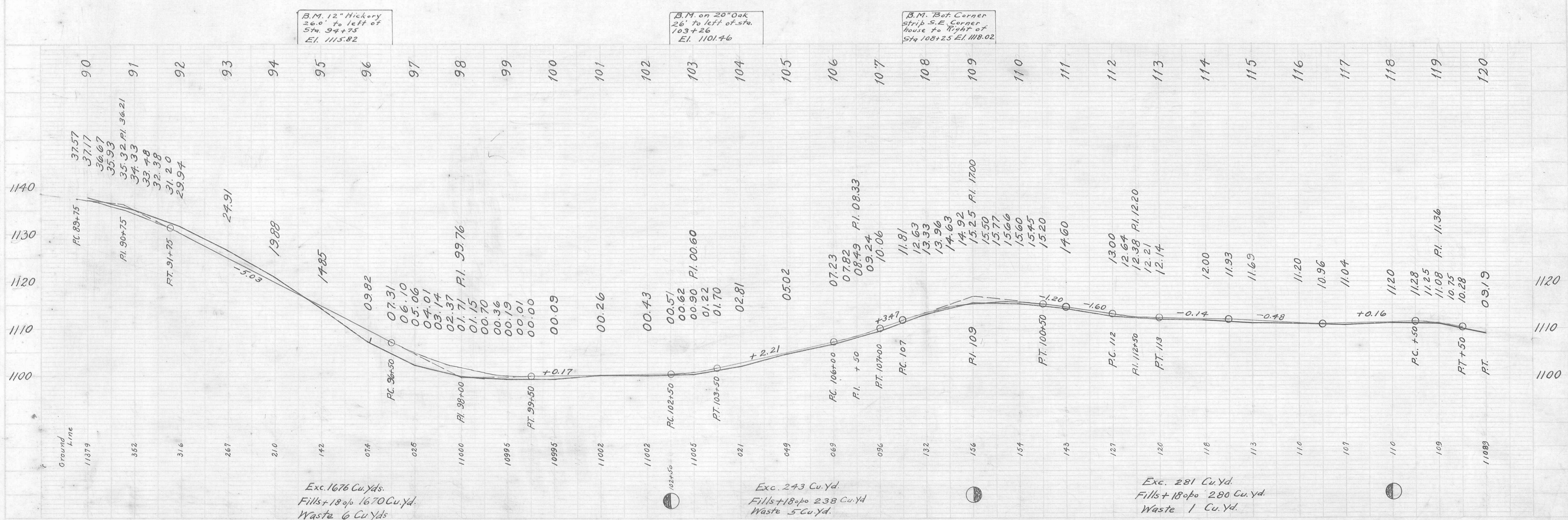
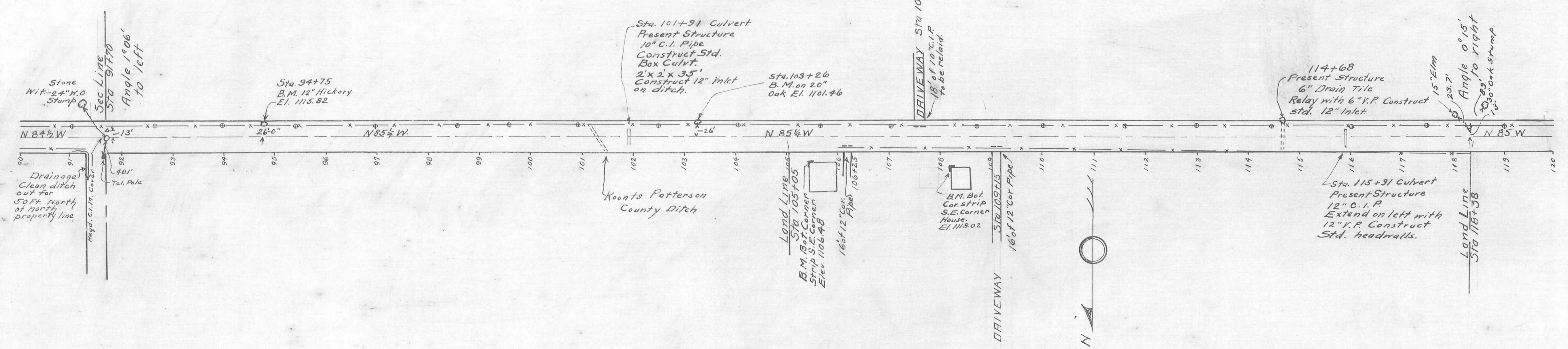
Exc. 619 Cu. Yds  
Fills + 18% 619 Cu. Yd.

Exc. 1174 Cu. Yd.  
Fills + 18% = 1174 Cu. Yd.

PLAN  
NOTES  
1. ALL DISTANCES ARE IN FEET AND DECIMALS THEREOF.  
2. ALL CURVES ARE TO BE CONFORMED TO THE STANDARD PRACTICES.  
3. ALL GRADES ARE TO BE CONFORMED TO THE STANDARD PRACTICES.  
4. ALL ELEVATIONS ARE TO BE CONFORMED TO THE STANDARD PRACTICES.

PROFILE  
NOTES  
1. ALL ELEVATIONS ARE IN FEET AND DECIMALS THEREOF.  
2. ALL GRADES ARE TO BE CONFORMED TO THE STANDARD PRACTICES.  
3. ALL DISTANCES ARE IN FEET AND DECIMALS THEREOF.

Edw. Patterson



Exc. 1676 Cu. Yds.  
Fills + 1800 1670 Cu. Yd.  
Waste 6 Cu. Yds.

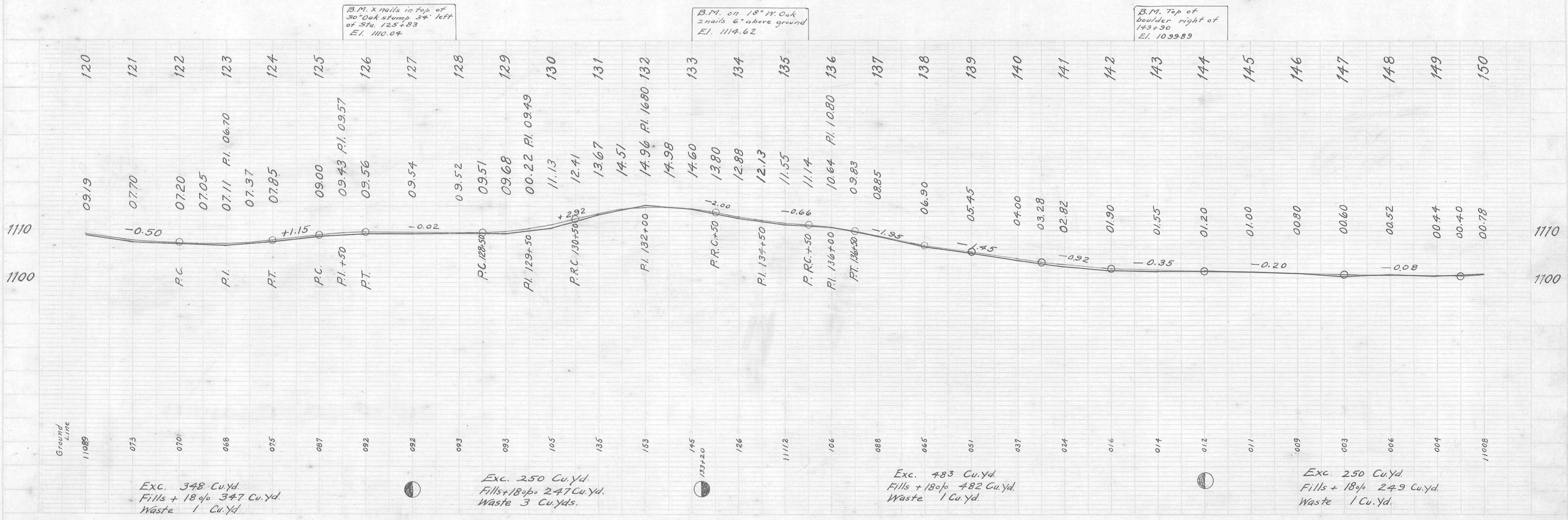
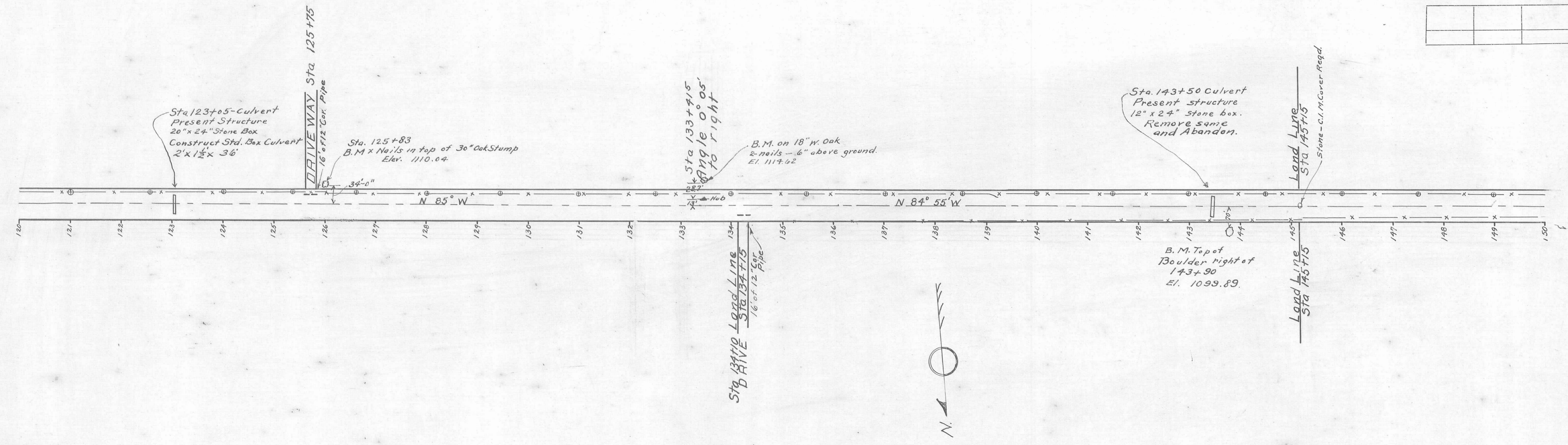
Exc. 243 Cu. Yd.  
Fills + 1800 238 Cu. Yd.  
Waste 5 Cu. Yd.

Exc. 281 Cu. Yd.  
Fills + 1800 280 Cu. Yd.  
Waste 1 Cu. Yd.

PLAN  
NOTES:  
1. ALL DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.  
2. ALL CORNER MARKS ARE TO BE SET AND RECORDED.  
3. ALL ELEVATIONS ARE TO BE RECORDED.

PROFILE  
NOTES:  
1. ALL ELEVATIONS ARE TO BE RECORDED.  
2. ALL GRADES ARE TO BE RECORDED.  
3. ALL VERTICAL CURVE DATA IS TO BE RECORDED.

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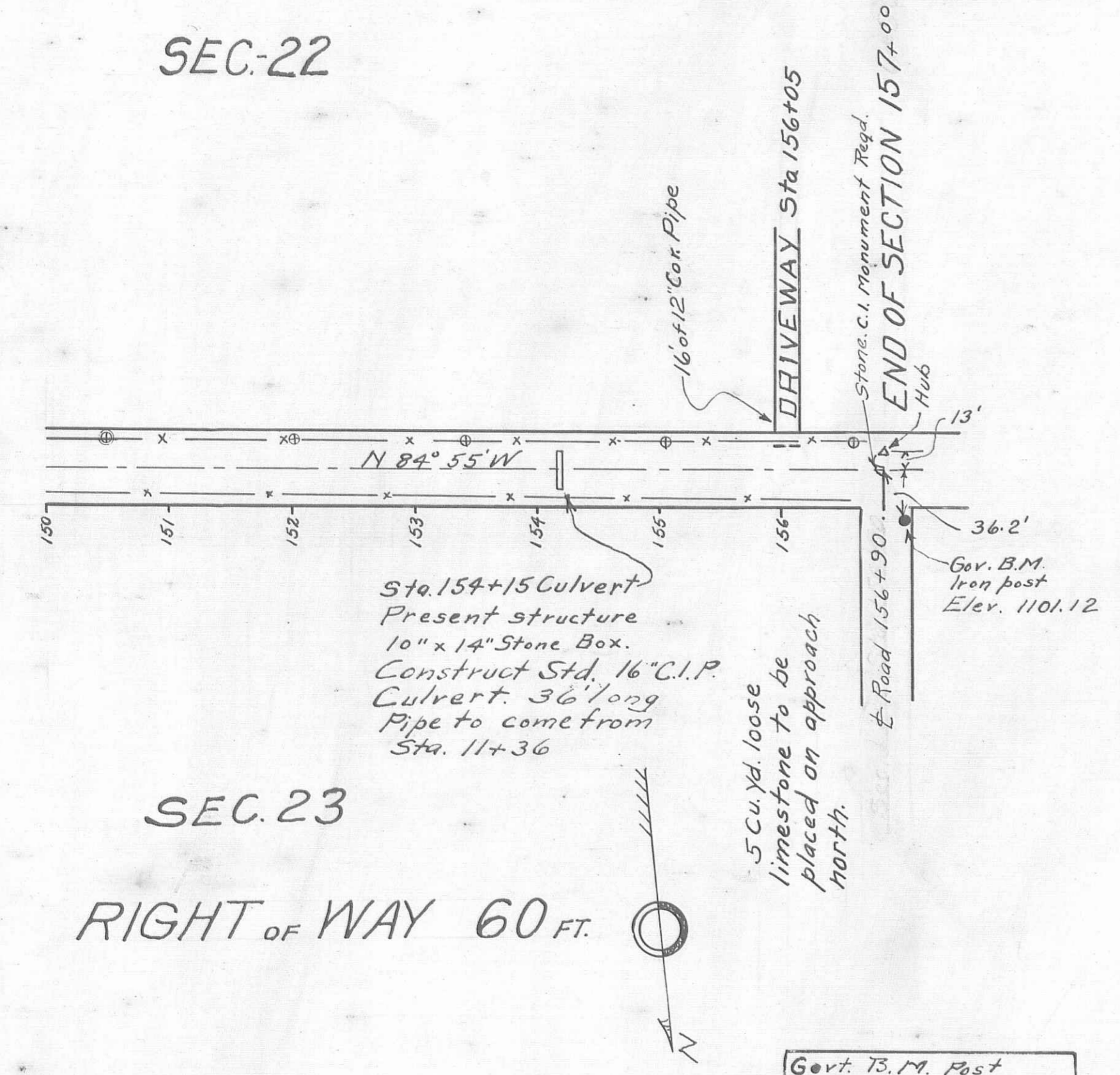


PLAN  
 NOTE BOOK  
 ALABAMA CHICAGO  
 NO. 111

PROFILE  
 NOTE BOOK  
 ALABAMA CHICAGO  
 NO. 111

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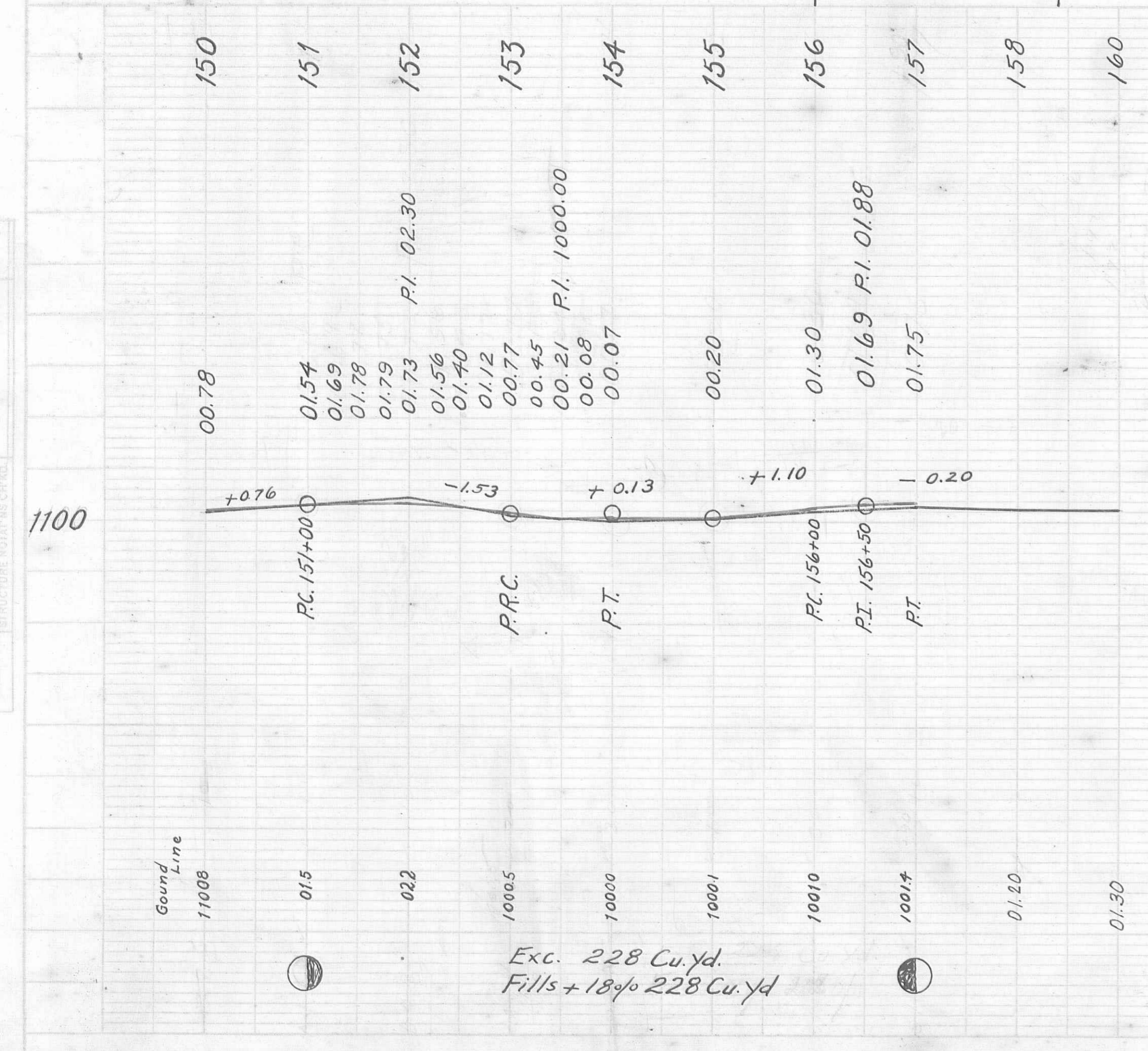
SEC-22



SEC. 23

RIGHT OF WAY 60 FT.

Govt. B.M. Post  
 36.2' to Right of  
 Sta 157  
 Elev. 1101.12



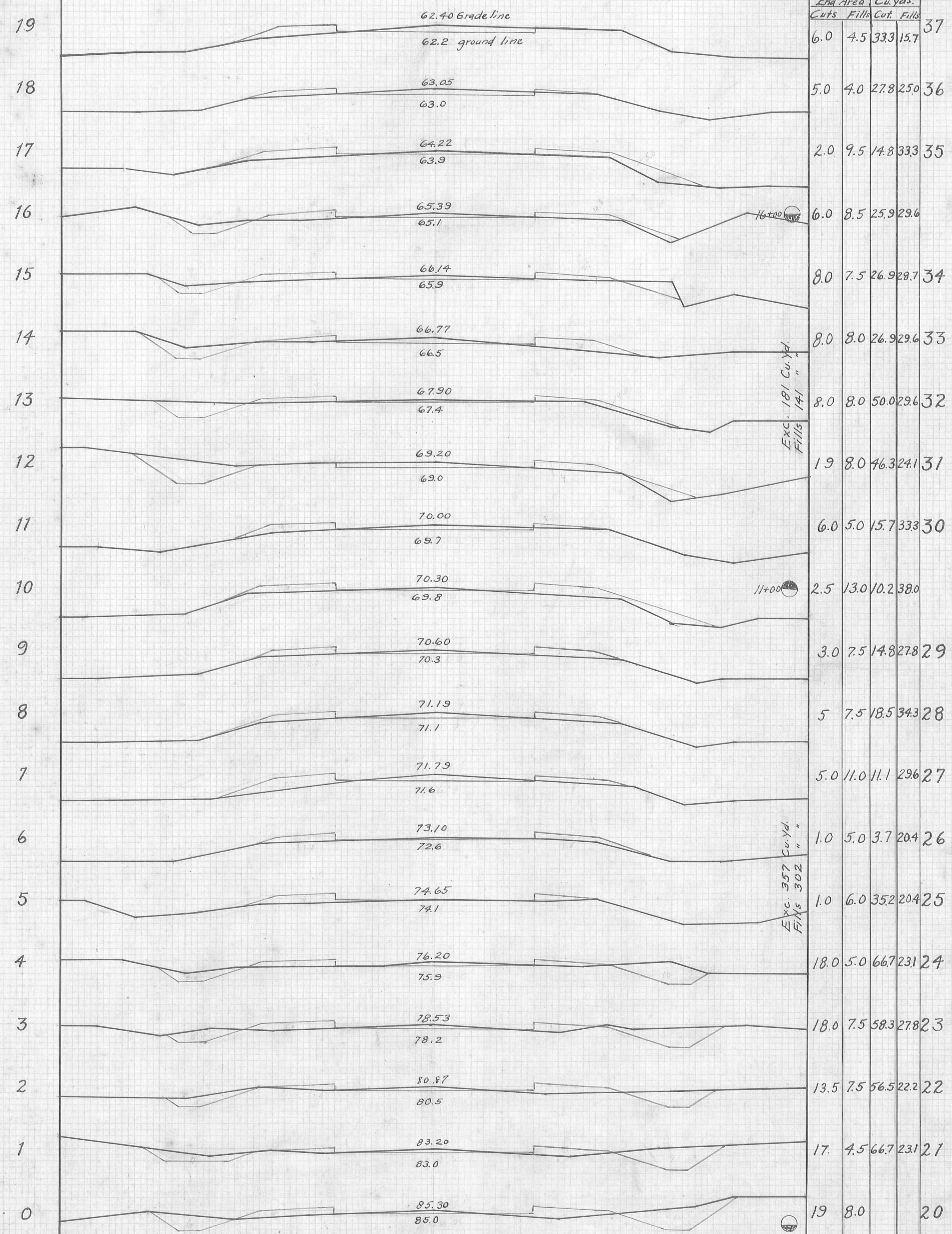
PLAN

DATE	
BY	
CHECKED	
APPROVED	
NO.	

PROFILE

DATE	
BY	
CHECKED	
APPROVED	
NO.	

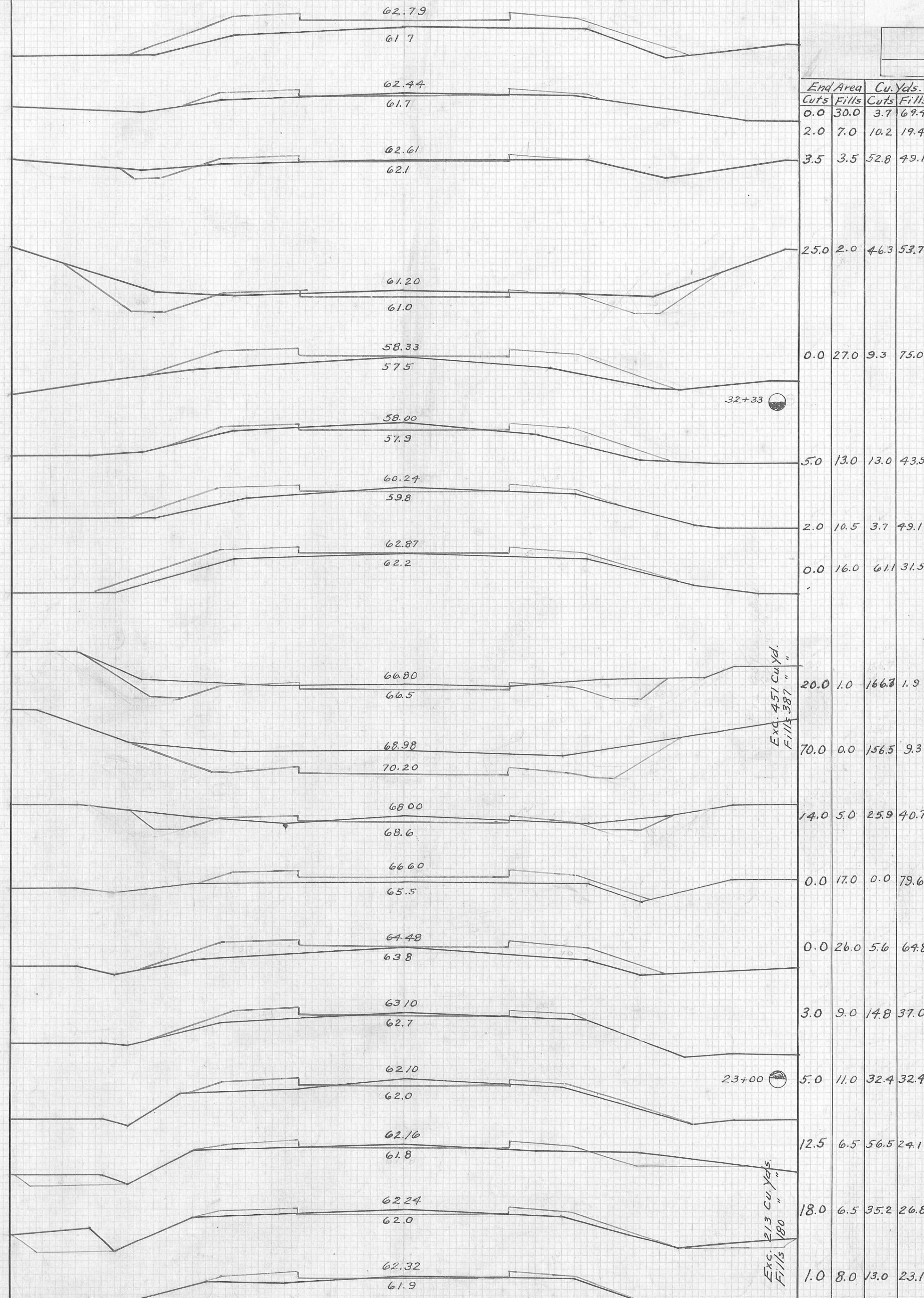




End Area		Cu. Yds.	
Cuts	Fills	Cut	Fill
6.0	4.5	33.3	15.7

Exc. 181 Cu. Yd.  
 Fills 141 "

Exc. 357 Cu. Yd.  
 Fills 302 "



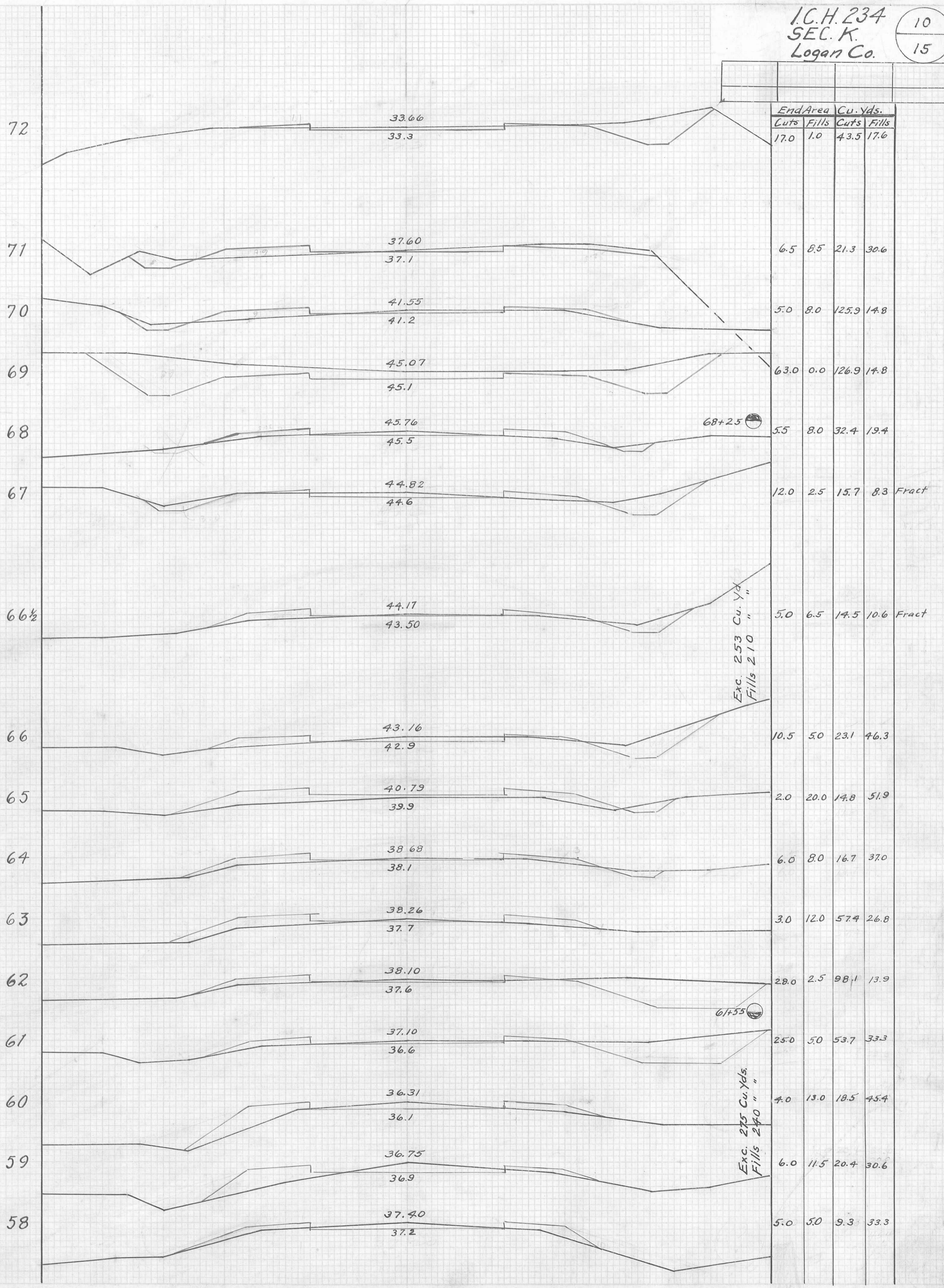
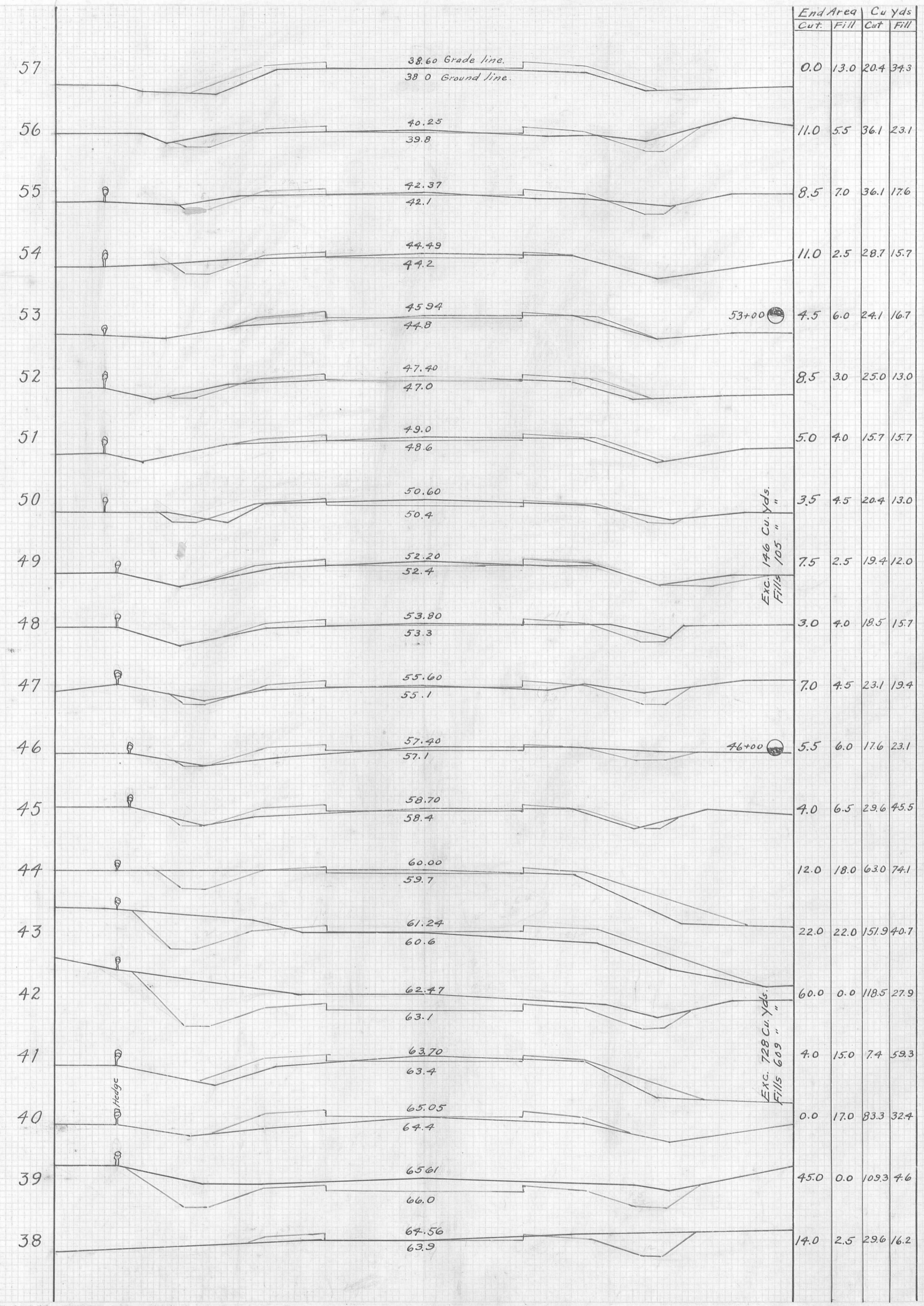
End Area		Cu. Yds.	
Cuts	Fills	Cut	Fill
0.0	30.0	3.7	69.4

Exc. 457 Cu. Yd.  
 Fills 387 "

Exc. 213 Cu. Yd.  
 Fills 180 "

FINAL SURVEY PLOTTING NOTE BOOK

ORIGINAL SURVEY PLOTTING NOTE BOOK



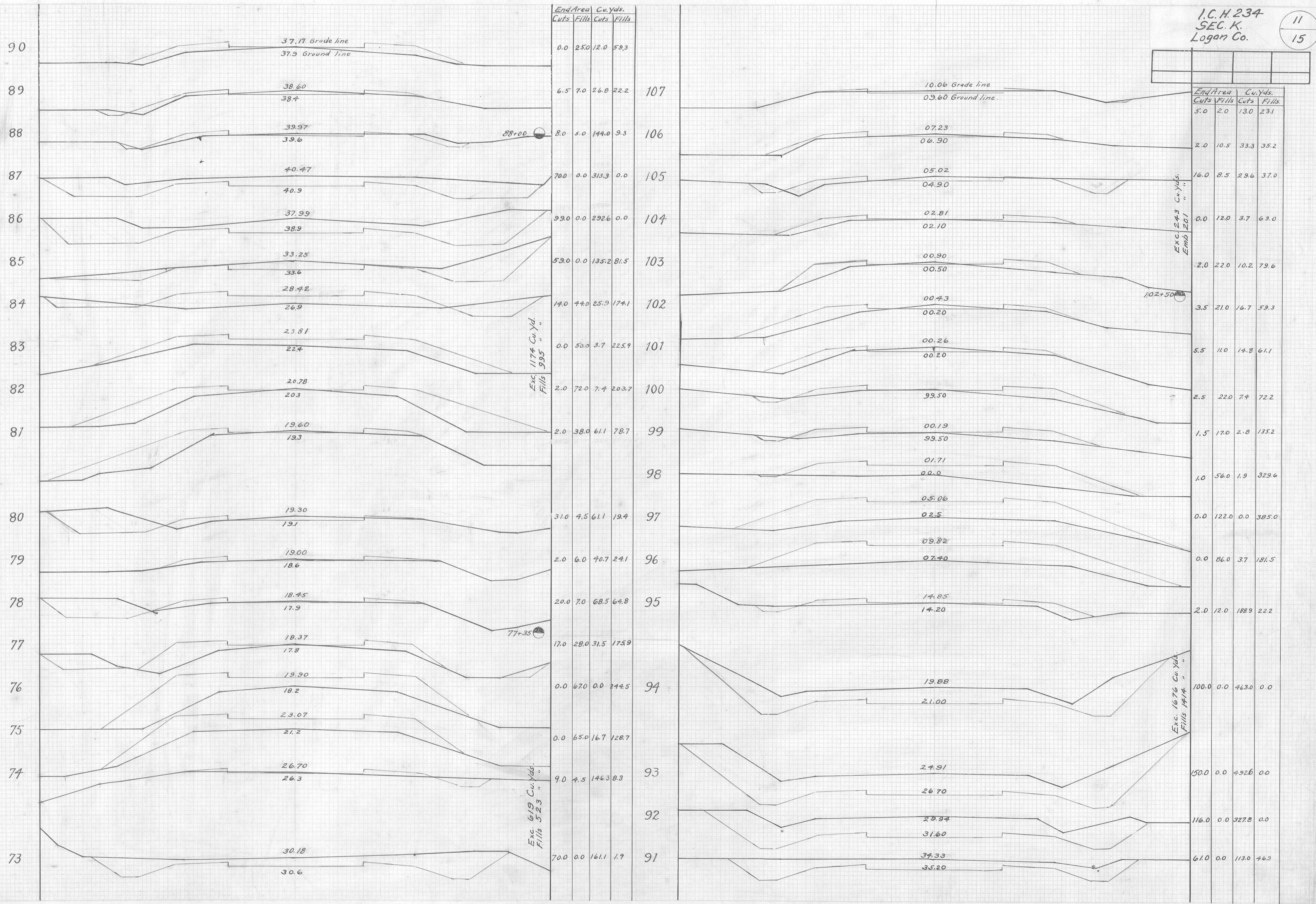
Exc. 146 Cu. Yds.  
 Fills 105 "

Exc. 46+00

Exc. 728 Cu. Yds.  
 Fills 609 "

Exc. 253 Cu. Yds.  
 Fills 210 "

Exc. 275 Cu. Yds.  
 Fills 240 "



FINAL SURVEY PLATE  
NOTE BOOK

ORIGINAL SURVEY PLATE  
NOTE BOOK

Exc. 1174 Cu. Yd.  
Fills 995

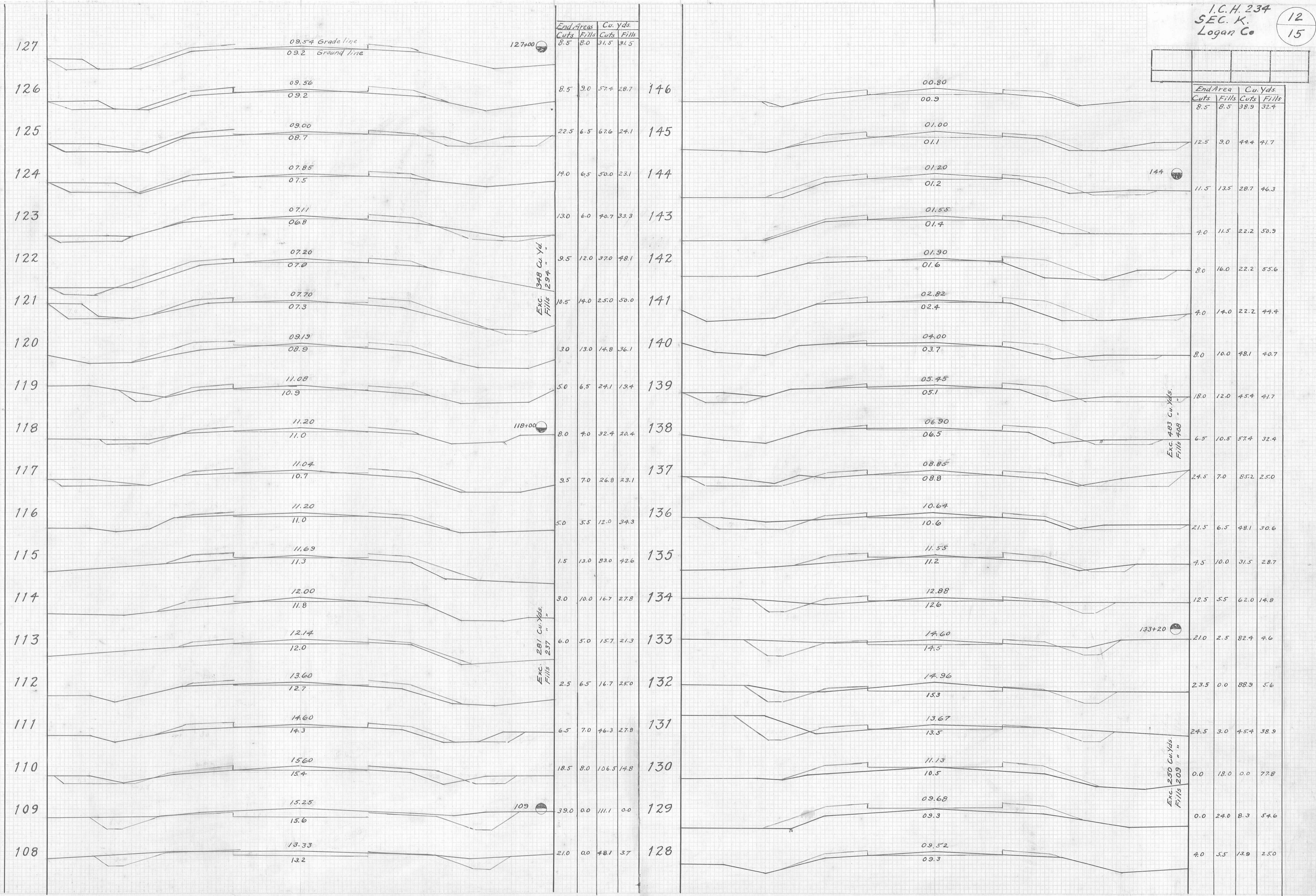
Exc. 619 Cu. Yd.  
Fills 523

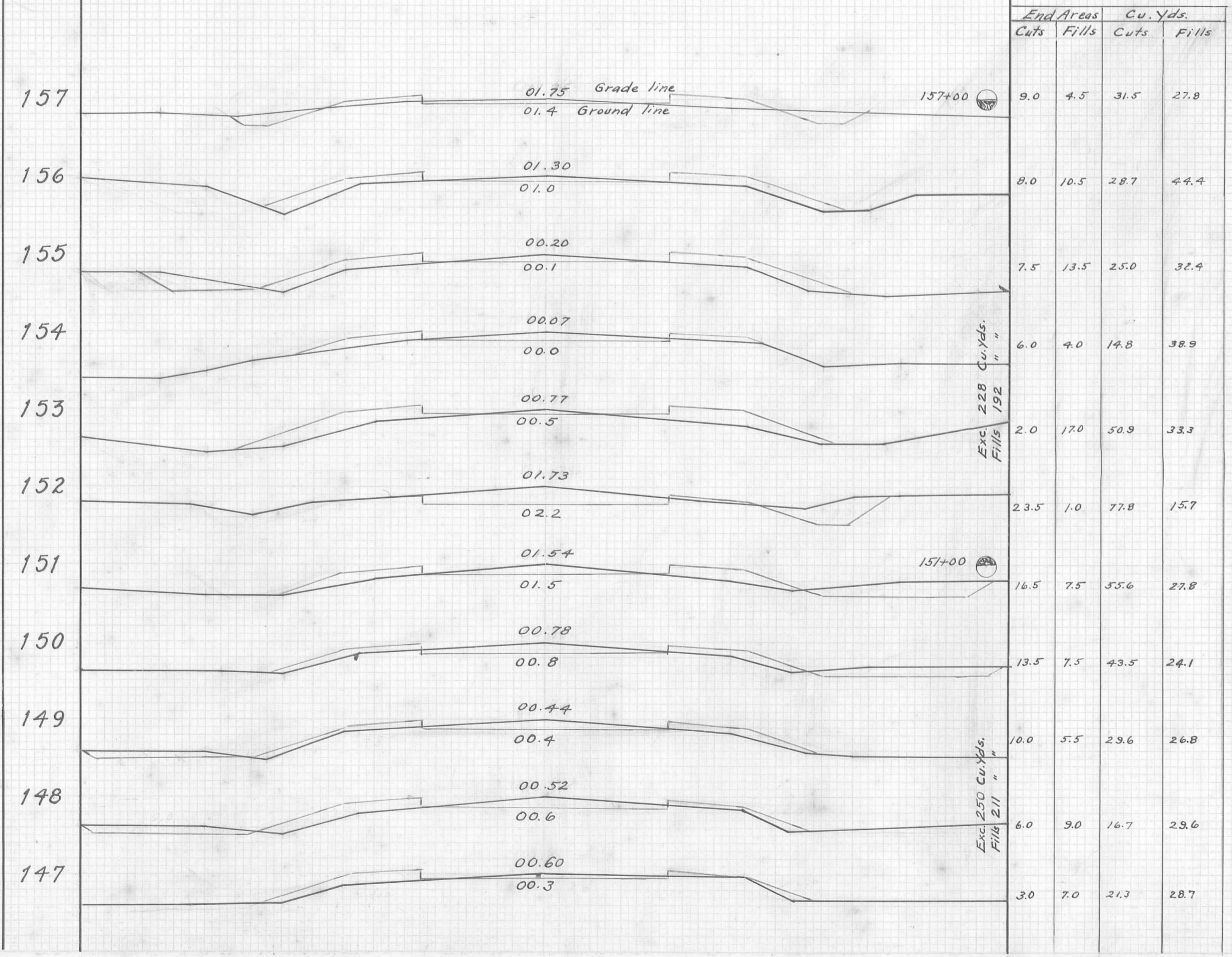
Exc. 243 Cu. Yd.  
Emb 201

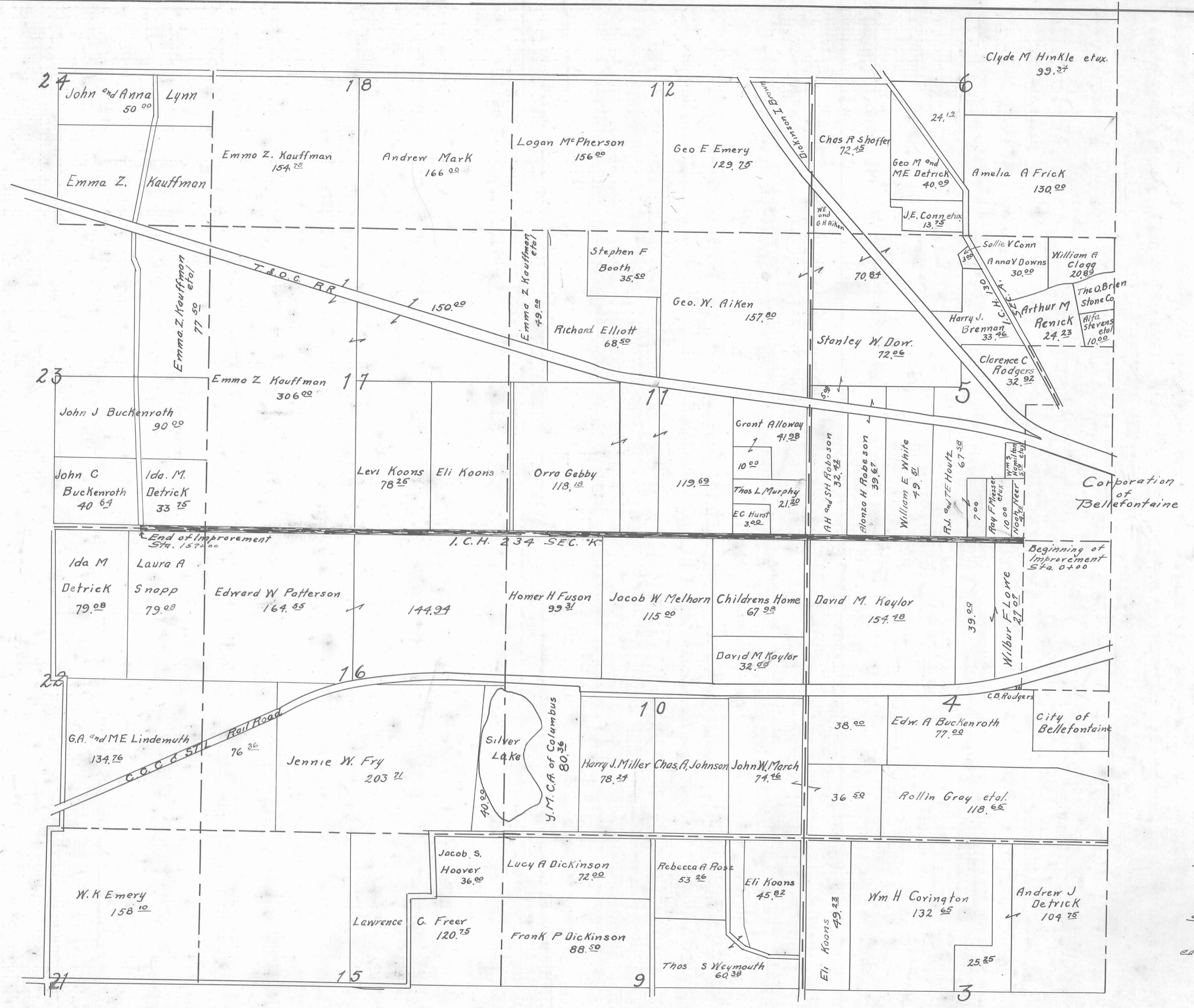
Exc. 1676 Cu. Yd.  
Fills 1414

DATE  
 BY  
 CHECKED  
 FINAL SURVEY  
 PLATS  
 NOTES  
 AREA  
 DISTRICT

DATE  
 BY  
 CHECKED  
 ORIGINAL SURVEY  
 PLATS  
 NOTES  
 AREA  
 DISTRICT





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ASSESSMENT PLAT  
 I.C.H. 234  
 SEC. "K"  
 Scale 6" = 1 mile  
 Assessment district 1/2 miles  
 each way from improvement.

ROADWAY and PAVEMENT  
 SUMMARY of QUANTITIES

Excavation <i>Cu. Yds.</i>	Pavement <i>Sq. Yds.</i>	Finishing Shoulders	Concrete Section Marker <i>15" x 15" x 4" with 2" letters</i>	Limestone on approaches <i>No. 2 stone</i>
8156	27911	15700 Ft.	2	15 Cu. Yds.
				C. I. Man. Covers
				5

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M-1-L

I.C.H. No. 234      SUMMARY OF QUANTITIES      (—) SHEETS  
 Farm Driveway Items  
 PET. No. 3810      SEC. K OF Bellefontaine Sidney Road      Logan COUNTY.      SHEET —

STATION	TYPE	SIZE	Excavation					Corrugated Pipe		Drain Tile		C.I.P. Relay
			8"	10"	12"	15"	6"	10" tile	6" 10"			
0+50		10"								40'		
1+50		12"			16'							
2+05		12"			16'							
2+85		12"			16'							
4+60		12"			16'							
13+00		12"			16'							
13+70		12"			16'							
16+30		12"			16'							
22+08		12"			16'							
27+75		6"							400'			
28+13		6"				18'						
28+70		6"				18'						
36+30		12"			18'							
44+05		10"		20'								
44+50		8"		20'								
60+67		15"			16'							
62+15		15"			16'							
68+70		12"			16'							
70+10		12"			16'							
86+36		12"			16'							
106		12"			16'							
107+63		10"							18'			
109+15		12"			16.0'							
125+75		12"			16.0'							
137+20		12"			16.0'							
156+05		12"			16.0'							
		Totals	20'	20'	274'	32'	36'	40'	400'	18'		

I.C.H. No. 234      SUMMARY OF QUANTITIES      SHEETS  
 STRUCTURES under 20 FT.  
 PET. No. 3810      SEC. K OF Bellefontaine Sidney Road      Logan COUNTY.      SHEET —

STATION	TYPE	SIZE	Excavation Cu. Yds.	Concrete		Vitrified pipe			C.I. Pipe		Vitrified Tees		C.I. Inlet Cuv.		Relay Steel	Notes	
				1:2.4	1:3:6	6"	8"	12"	10"	12"	8"	12"	8"	16"			
11+36	Std	2x2x31	25.0	10.6													
23+26		2x2x30	21.0	10.4	0.2			2'		1				1			505 Remove present C.I. Culvert Construct Std. 2'x2' Conc. Box
32+82		6"x50'	15.0		0.2	50'		2					1	1			" " " Stone box " " " " "
41+07		12"x34'	10.0	2.0	3.5												" " " 6" Tile Relay with 6" Vit. Pipe
43+54		12"x46'	30.0	2.0	4.8												45 " " Stone box Construct Std. 12" V.P. Culrt.
58+16		2x16x35	18.0	9.5	0.2			2'						1			45 " " Vit. Pipe Culrt " " " " "
101+91		2x2x35'	18.0	11.5	0.2			2'						1			532 " " Stone box " " " 2'x1 1/2' Conc. Box
114+68			10.0		0.2	40'		2'					1	1			561 " " C.I. Culvert " " 2'x2' " "
115+91		12"x36'	5.0	1.7	0.3			4'									Relay present tile with Vit. Pipe
123+05		2x1 1/2 x 36'	18.0	9.7													40 Extend present structure and build headwalls
143+50			6.0														545 Remove Stone box. Construct Std. 2'x1 1/2' Conc. Bx.
154+15		16"x36'	10.0	1.7													Abandon stone box.
Totals			186.0	59.1	9.6	90 Ft.	2 Ft.	92 Ft.		1	1	1	2	4	1	36'	35 Remove stone box. Relay 16" C.I.P. and build headwalls.