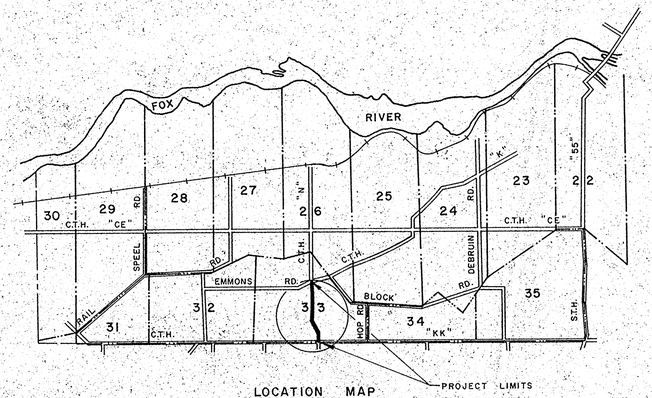
N-11

PLAN AND PROFILE OF PROPOSED

C.T.H. "N"

OUTAGAMIE COUNTY, WISCONSIN



LOCATION MAP

SCALE : 1"=3500'

SHEET INDEX

2,3,4	PLAN PROFILE
5–12	CROSS SECTIONS

Project #158 - C.T.H. "N" - From: C.T.H. "K" to C.T.H. "KK" 0.60 miles

RECEIVED
JUN 6 -
OUTAGAMIE COUNTY
HIGHWAY COMMISSION

• Engineering
• Surveying
• Land Planning

APPLETON, WIS.

RICE & ORTH INC.

DESIGNED R.W.R.
DRAWN C.A.T.
CHECKED D.D.R.
SCALE NOTED
DATE

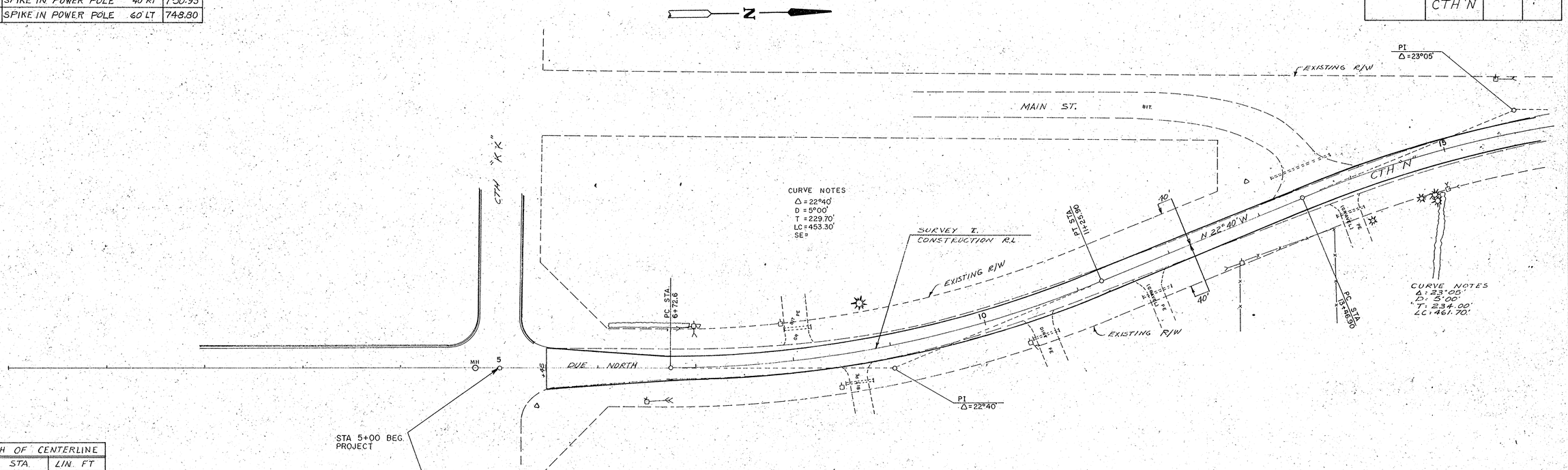
1
OF 12 SHEETS
FILE NO.

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV
1	6+47	SPIKE IN POWER POLE 40' RT	750.93
2	15+60	SPIKE IN POWER POLE 60' LT	748.80

	PROJECT	SHEET NUMBER	TOTAL SHEETS
	CTH "N"		

PLAN — SURVEYED, PLOTTED, NOTE BOOK, ALIGNMENT CHECKED, BY, DATE, ST. OF WAY CHECKED, No.



NET LENGTH OF CENTERLINE		
STA. TO STA.		LIN. FT
5+00	15+00	1000

PROFILE — SURVEYED, PLOTTED, NOTE BOOK, GRADES CHECKED, No., BY, DATE, STRUCTURE LOCATIONS CHECKED

LEGEND

- POWER POLE
- F.E. FIELD ENTRANCE
- P.E. PRIVATE ENTRANCE
- EXISTING CULVERT
- EVERGREEN TREES
- DECIDUOUS TREES
- R/W REQUIRED
- R/W POSTS
- WOODEN GUARD POSTS

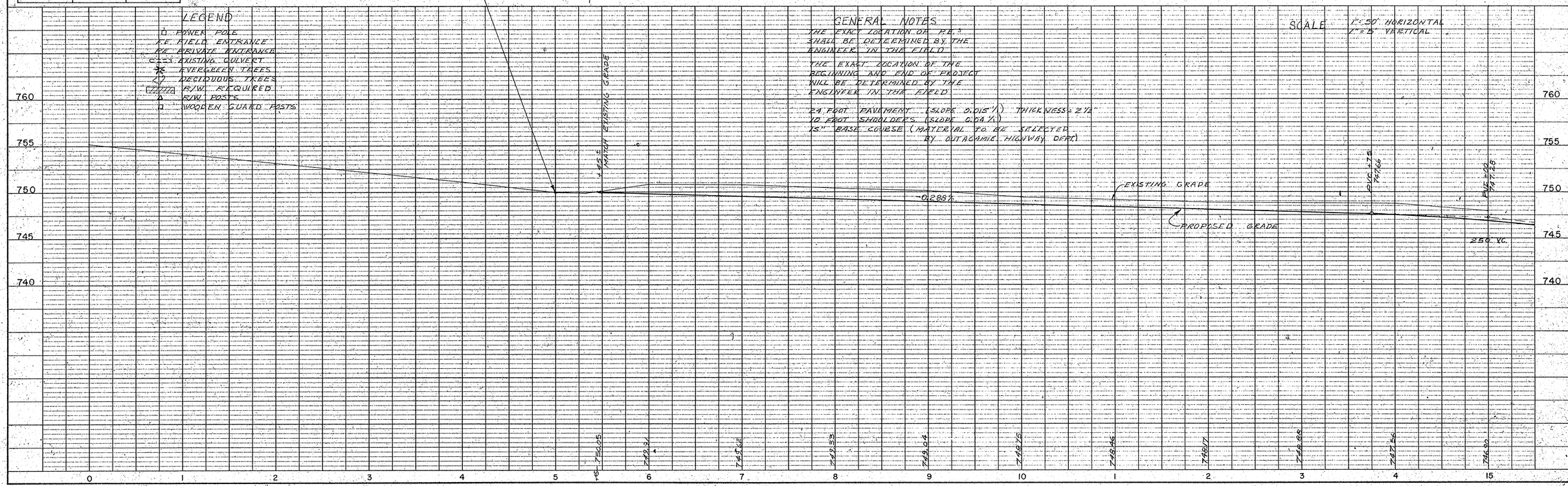
GENERAL NOTES

THE EXACT LOCATION OF P.E.'S SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE EXACT LOCATION OF THE BEGINNING AND END OF PROJECT WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

24 FOOT PAVEMENT (SLOPE 0.015'/') THICKNESS 2 1/2"
10 FOOT SHOULDERS (SLOPE 0.04'/')
15" BASE COURSE (MATERIAL TO BE SELECTED BY OUTAGAMIE HIGHWAY DEPT.)

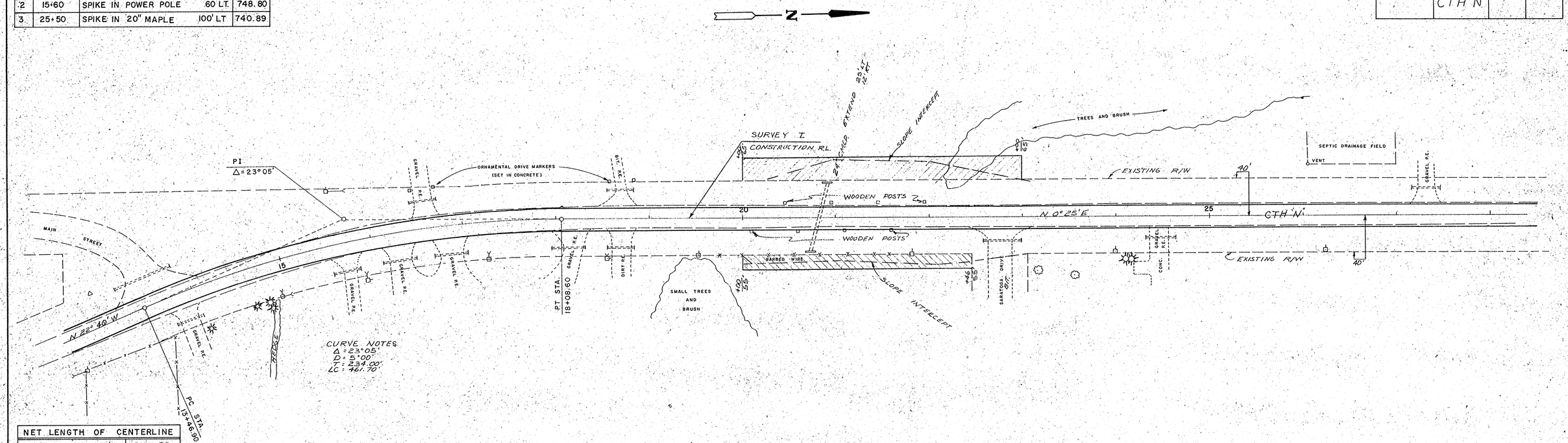
SCALE 1"=50' HORIZONTAL
1"=5' VERTICAL



BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
2	15+60	SPIKE IN POWER POLE 60 LT.	748.80
3	25+50	SPIKE IN 20" MAPLE 100' LT	740.89

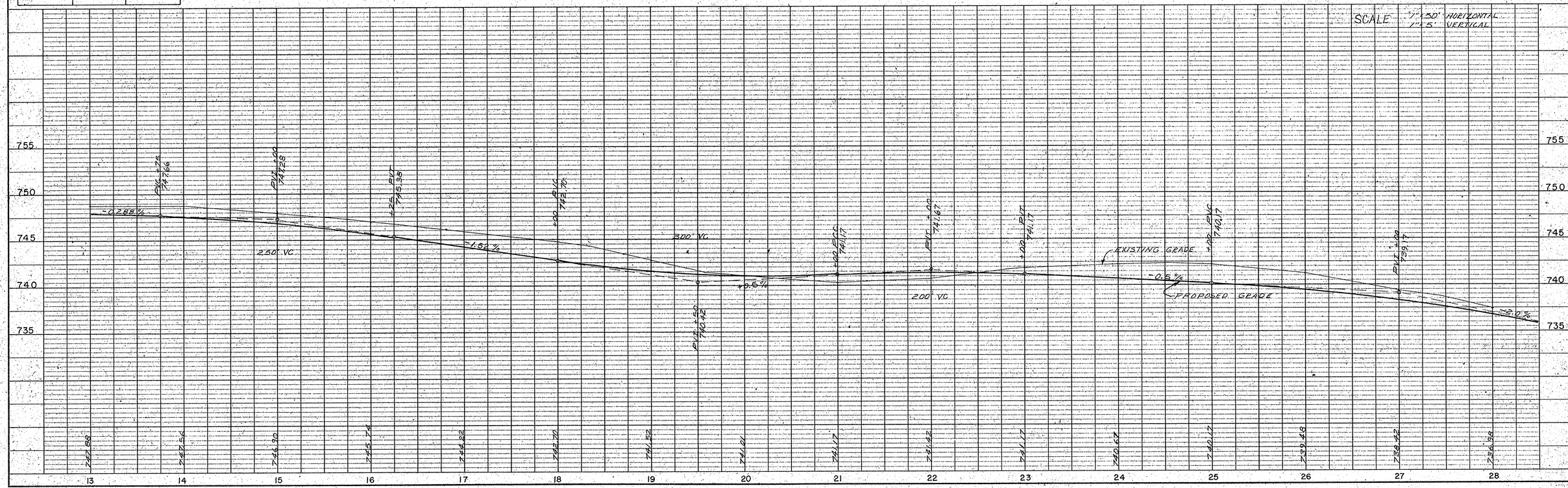
	PROJECT	SHEET NUMBER	TOTAL SHEETS
	CTH "N"		

PLAN — SURVEYED, PLOTTED, DRAWING CHECKED, R.C. OF WAY CHECKED, NOTE BOOK, No., DATE, BY



NET LENGTH OF CENTERLINE		
STA. TO STA		LIN. FT
15100	28100	1300

PROFILE — SURVEYED, PLOTTED, GRADE CHECKED, R.C. OF WAY CHECKED, STRUCTURE NOTATIONS CHECKED, NOTE BOOK, No., DATE, BY

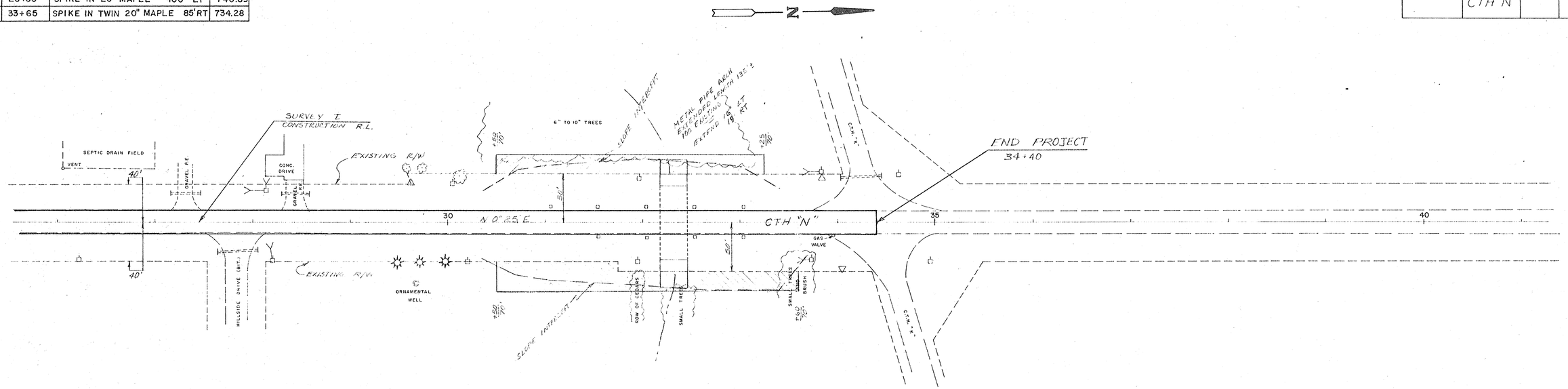


BENCH MARKS

NO	STATION	DESCRIPTION	ELEV
3	25+50	SPIKE IN 20" MAPLE 100' LT	740.89
4	33+65	SPIKE IN TWIN 20" MAPLE 85'RT	734.28

	PROJECT	SHEET NUMBER	TOTAL SHEETS
	CTH "N"		

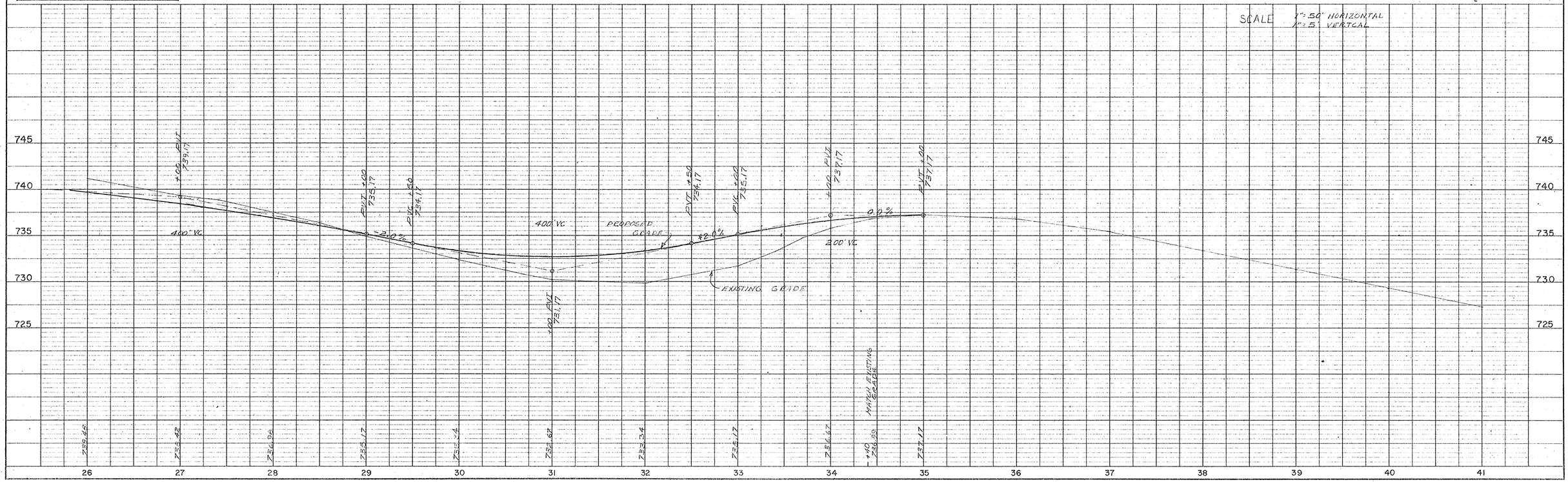
PLAN — SUPPLYED / DRAWN / NOTE BOOK / No. — DATE / BY / ADJUSMENT CHECKED / RT. OF WAY CHECKED



NET LENGTH OF CENTERLINE		
STA TO	STA	LIN. FT
28+00	34+40	640

SCALE 1"=50' HORIZONTAL
1"=5' VERTICAL

PROFILE — SUPPLYED / DRAWN / NOTE BOOK / No. — DATE / BY / GRADES CHECKED / R. W.'S NOTED / CROSS SECTIONS CHECKED



9+00 750 745 8+55 750 745 8+10 750 745 8+00 750 745 7+00 750 745 6+00 750 745 5+45 750 745 5+35 750 745

PROPOSED GRADE

PROPOSED GRADE

PROPOSED GRADE

PROPOSED GRADE

PROPOSED GRADE

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	YARDAGE FILL
35			
35	10	13.4	
45			
45	55	211.3	
6			
6	100	467.6	
7			
7	100	416.7	
8			
8	100	370.4	
9			

SHEET TOTAL 1478.4

SHEET TOTAL

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK TRAVERSE		
NO. AREAS		
AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK TRAVERSE		
NO. AREAS		
AREAS CHECKED		

6/12

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TOPOGRAPHY		
NOTE BOOK		
AREAS		
NO. AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TOPOGRAPHY		
NOTE BOOK		
AREAS		
NO. AREAS CHECKED		

3+85 750 745 | 3+75 750 745 | 3+00 750 745 | 12+00 750 745 | 11+70 750 745 | 11+00 750 745 | 10+60 750 745 | 10+00 750 745

EXISTING GROUND

PROPOSED GRADE

STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
9			
	100	317.1	
10			
	100	305.6	
11			
	100	300.8	
12			
	100	349.4	
13			
SHEET TOTAL		1276.9	

SHEET TOTAL

7/12

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
TEMPLATE		
AREAS		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
TEMPLATE		
AREAS		
AREAS CHECKED		
NO.		

6+85 750 745

6+60 750 745

6+28 750

6+00 750 740

5+75 750 745

5+00 750 745

4+00 750 745

PROPOSED GRADE

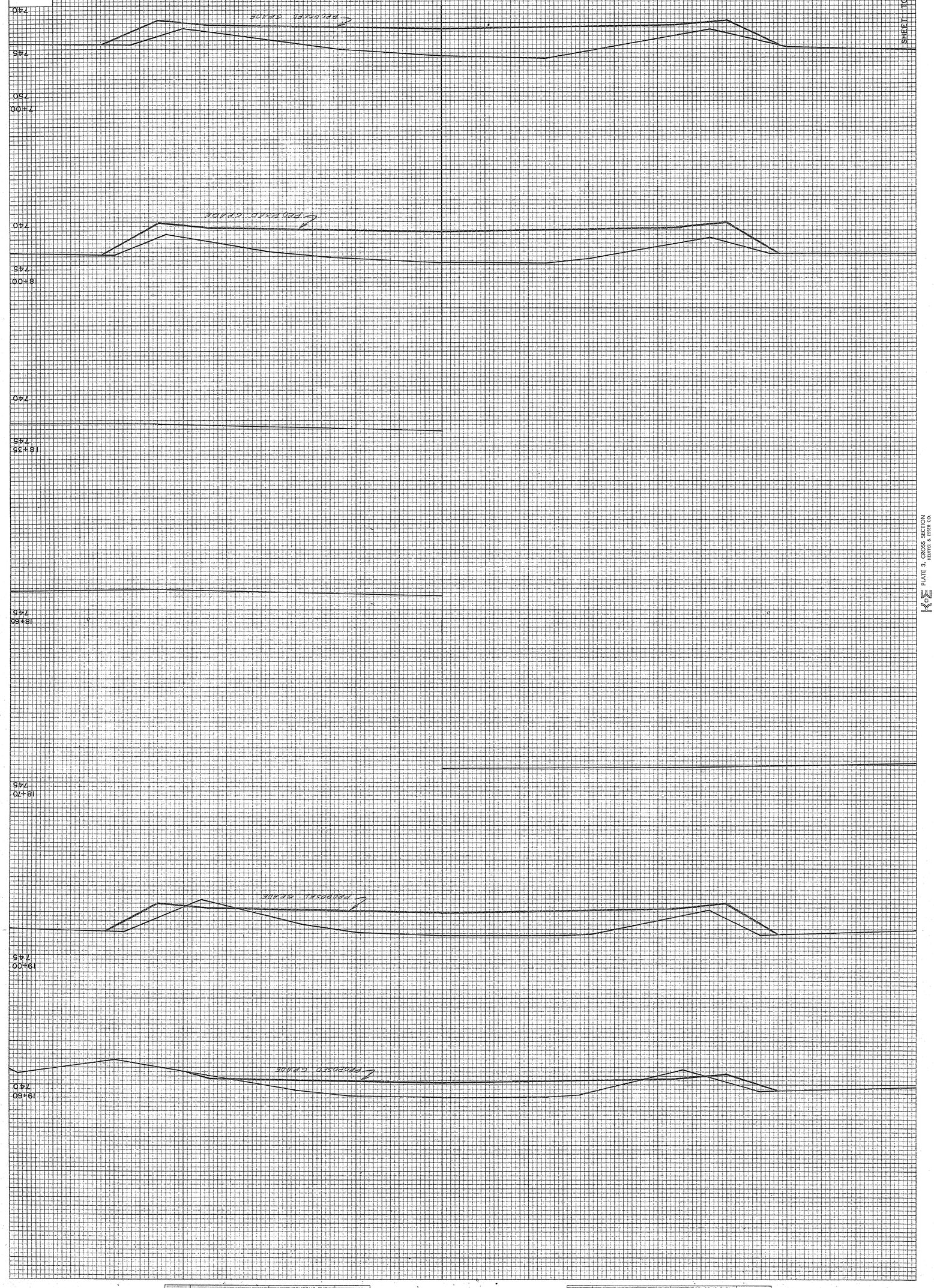
PROPOSED GRADE

EXISTING GRADE

STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
15			
	100	4000	
14			
	85	4000	
15			
	100	4444	
16			
	44.44 TO 44	1245.6	

SHEET TOTAL

STATION	DISTANCE	UNCL.	EXCAVATION	FILL
			YARDAGE	
16	100	1525		
17	100	2225		
18	100	3355		
19	60	2762		
19+60			8267	
SHEET TOTAL			8267	



KE PLATE 3. CROSS SECTION
KEUFFEL & ESSER CO.
NEW YORK
48 7054 CRYSTALENE™ TRACING PAPER SOLD

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED.		
	TEMPLATE		
	PLOTTED		
	AREAS		
NO	AREAS CHECKED.		

FINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED.		
	TEMPLATE		
	PLOTTED.		
	AREAS		
NO	AREAS CHECKED.		

9/12

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
NOTE BOOK		
AREAS		
NO.	AREAS CHECKED	

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
NOTE BOOK		
AREAS		
NO.	AREAS CHECKED	

23+00 745 740

22+00 740 735 730

21+00 740 735 730

20+45 740 735 730

20+00 740 735 730

PROPOSED GRADE

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	YARDAGE FILL
19 + 60	40	9.4	
20 + 00	45		179.2
20 + 45	55		412.5
21 + 00	100		2,037.9
22 + 00	100		2,066.2
23 + 00	SHEET TOTAL	9.4	1,748.8

SHEET TOTAL

10/12

29+00 735 730

28+00 740 736

27+00 740 735

26+00 740 735

25+00 745 740

24+00 745 740

EXISTING GRADE

PROPOSED GRADE

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	YARDAGE FILL
23			
	100	620.5	
24			
	100	367.6	
25			
	100	734.3	
26			
	100	465.0	
27			
	100	382.6	
28			
	100	178.2	
29			

SHEET TOTAL 3365

SHEET TOTAL

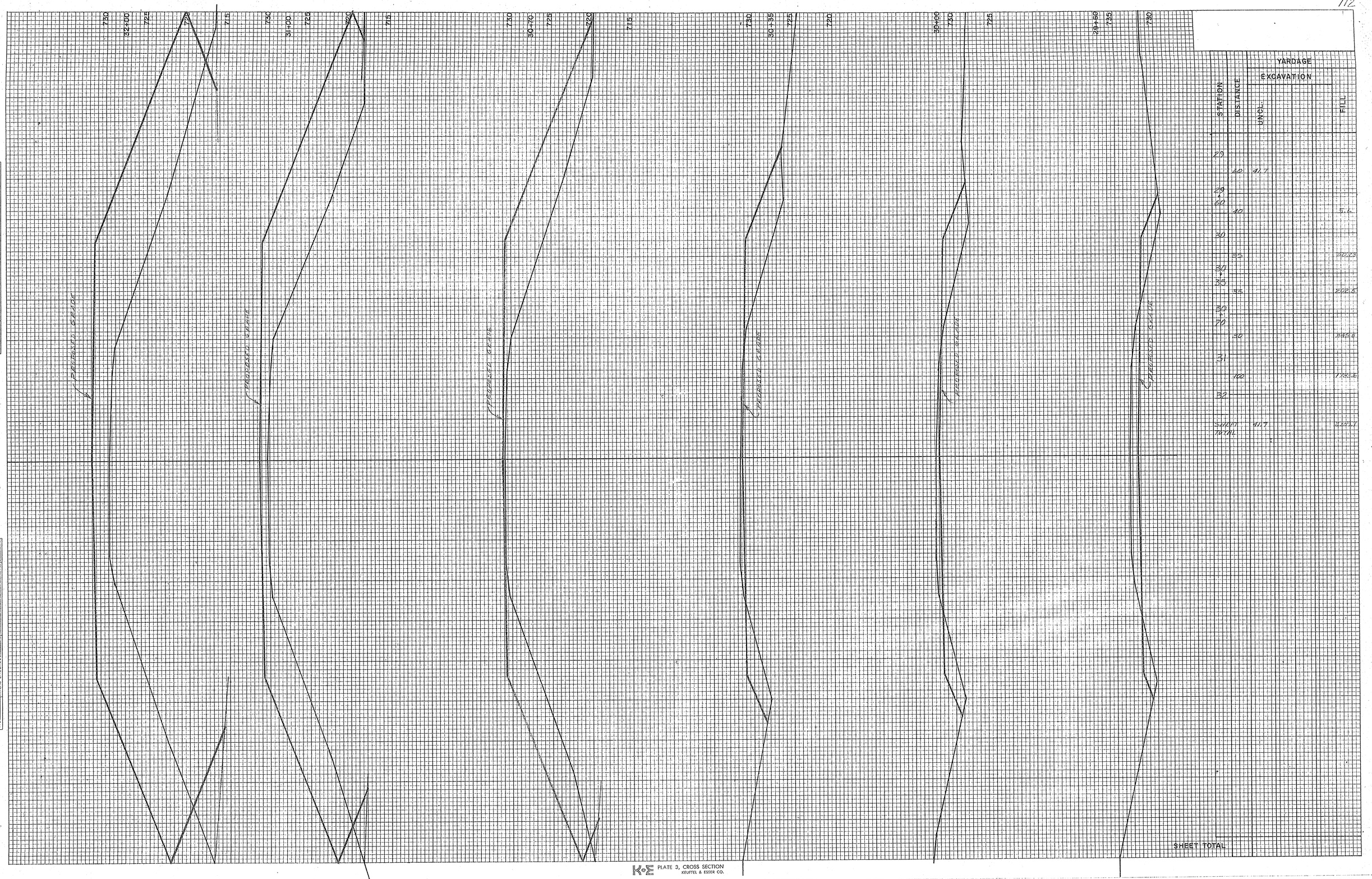
FINAL SURVEY
SURVEYED BY
PLOTTED DATE
TEMPLATE
NOTE BOOK AREAS
NO. AREAS CHECKED

ORIGINAL SURVEY
SURVEYED BY
PLOTTED DATE
TEMPLATE
NOTE BOOK AREAS
NO. AREAS CHECKED

PLATE 3, CROSS SECTION
KEUFFEL & ESSER CO.

48 7054 CRYSTALENE™ TRACING PAPER 2LEGS
MADE IN U.S.A.

11/12



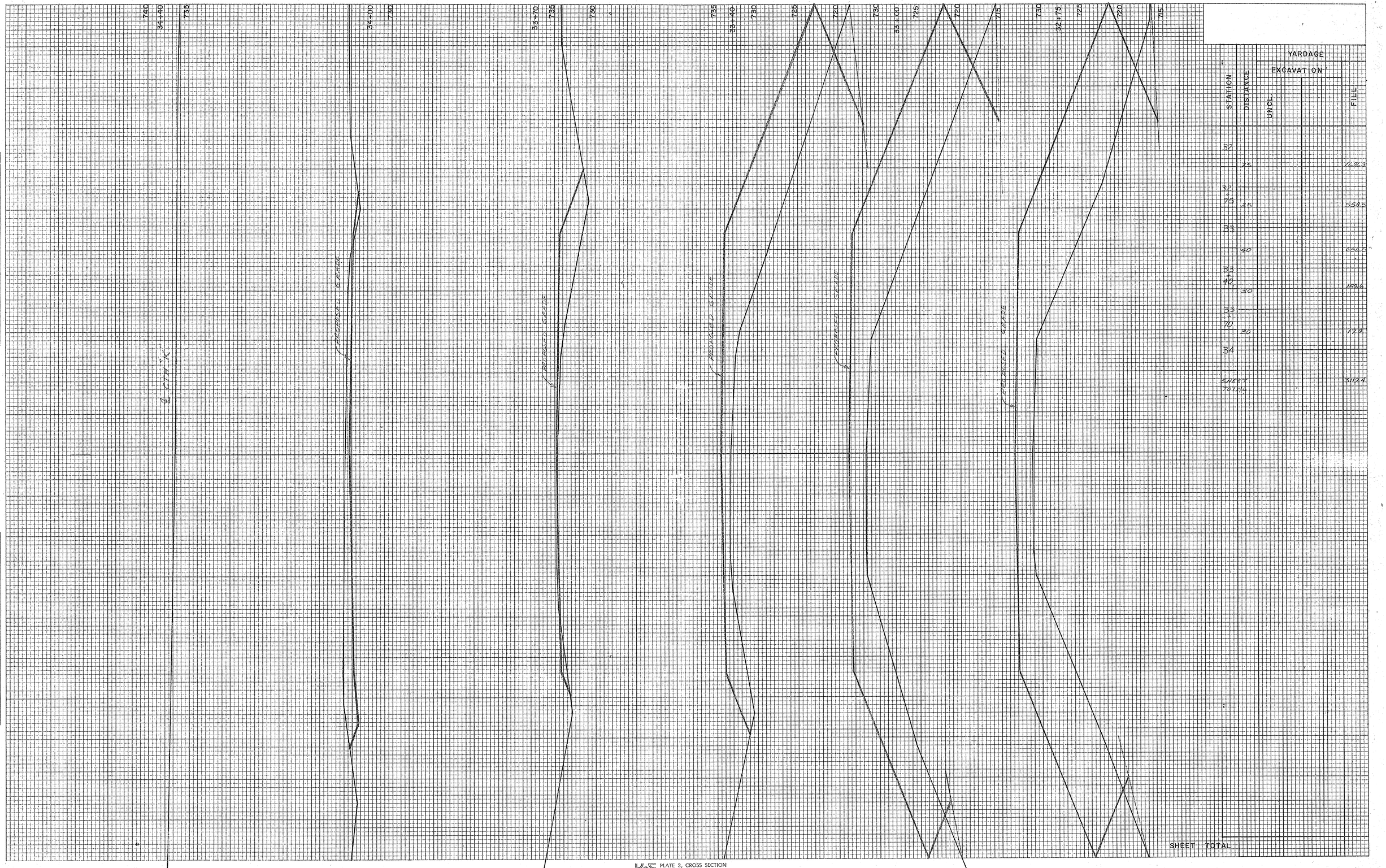
FINAL SURVEY
SURVEYED
PLOTTED
TEMPLATE
NOTE BOOK
PAGES
NO.
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
SURVEYED
PLOTTED
TEMPLATE
NOTE BOOK
PAGES
NO.
AREAS CHECKED
BY
DATE

SHEET TOTAL

FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE



STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	YARDAGE FILL
32	25		16.2
32+75	25		55.5
33	40		236.5
33+40	60		169.6
33+70	50		17.5
34			311.4

SHEET TOTAL

K&E PLATE 3, CROSS SECTION
KEUFFEL & ESSER CO.

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MADE IN U.S.A.