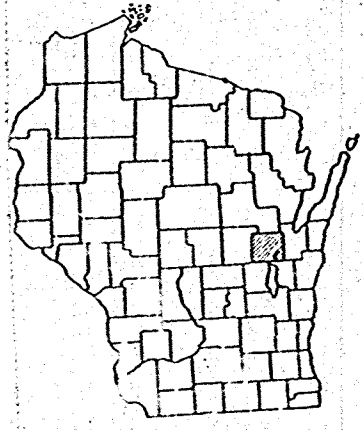


COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
44.6	324.0		III	WIS. 4	1	63

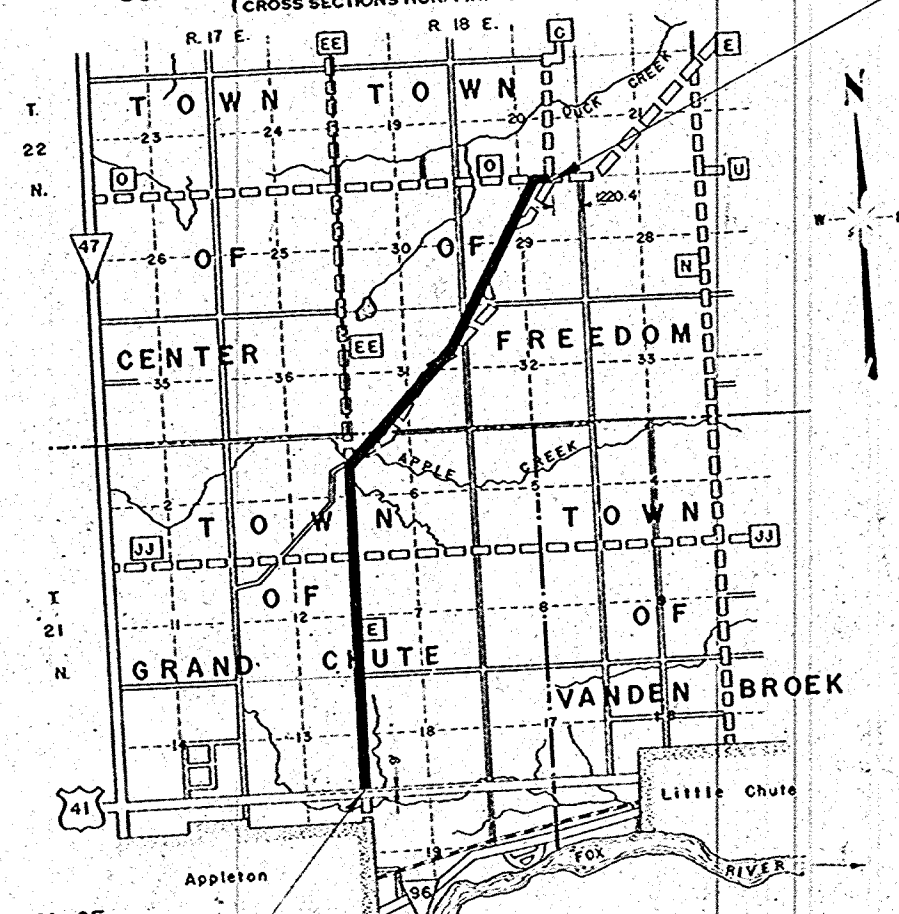
- TS
- CROSS SECTIONS
- OF QUANTITIES
- MISCELLANEOUS QUANTITIES
- NO. 4-4.5 RIGHT OF WAY PLAT
- NO. 5-16 PLAN AND PROFILE STA. 0+44 TO STA. 297+00
- NO. 17-22 STANDARD DETAILS
- NO. - DRAINAGE STRUCTURES
- NO. 23-63 CROSS SECTIONS

STATE OF WISCONSIN
 STATE HIGHWAY COMMISSION OF WISCONSIN

PLAN AND PROFILE OF PROPOSED
APPLETON - FREEDOM ROAD
 (APPLETON - C.T.H. "C")
 C.T.H. "E"
 OUTAGAMIE COUNTY
 PROJECT S 0324(1)



SCALES PLAN 1 IN. = 100 FT.
 PROFILE HOR. 1 IN. = 100 FT. VERT. 1 IN. = 10 FT.
 CROSS SECTIONS HOR. 1 IN. = 5 FT. VERT. 1 IN. = 5 FT.



STA. 297+00 END OF PROJ S 0324 (1)

STA. 0+44 BEG. OF
 PROJECT S 0324 (1)

LAYOUT
 SCALE 0 1/2 MILE
 TOTAL NET LENGTH OF CENTERLINE = 5.617 MI.

APPROVED FOR
E-5
 Date _____ Title _____

CONVENTIONAL SIGNS	
LINE	CULVERTS IN PLACE
WY LINE	CULVERTS REQUIRED
OR RANGE LINE	DROP INLET
TION LINE	POWER POLE
RIGHT OF WAY LINE	TELEPHONE OR TELEGRAPH POLE
SENT RIGHT OF WAY LINE	RIGHT OF WAY MARKERS
E FENCE WOVEN	REFERENCE STAKE FOR HUBS ONLY
E FENCE BARBED	MARSH
LINE	HEDGE
ORATE OR CITY LIMITS	TREES
PROPERTY LINE	GROUND ELEVATION
PELED WAY OR PE	GRADE ELEVATION
ROADS	
OR SURVEY LINE	

STATE HIGHWAY COMMISSION OF WISCONSIN
 MADISON, WISCONSIN

SURVEYOR: *RES* NOTE BOOK: *221, 222, 223, 224, 225*

DISTRICT CHECKER: _____ CONTRACT: _____

DATE: *10/1/56*

RECOMMENDED FOR APPROVAL: _____

DATE: *2-2-56* *J. J. Bill*

APPROVED: _____

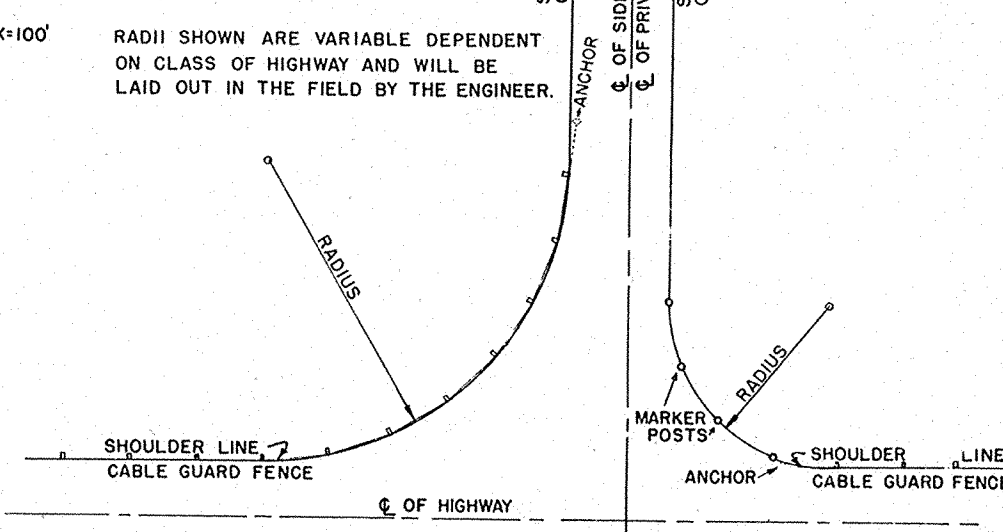
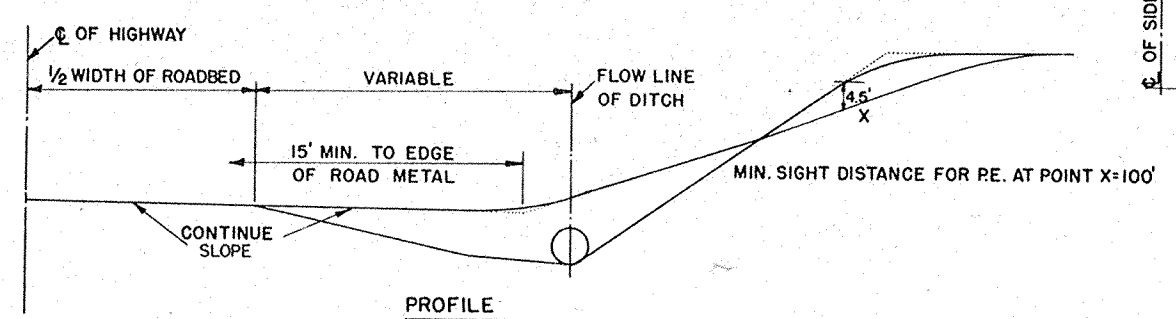
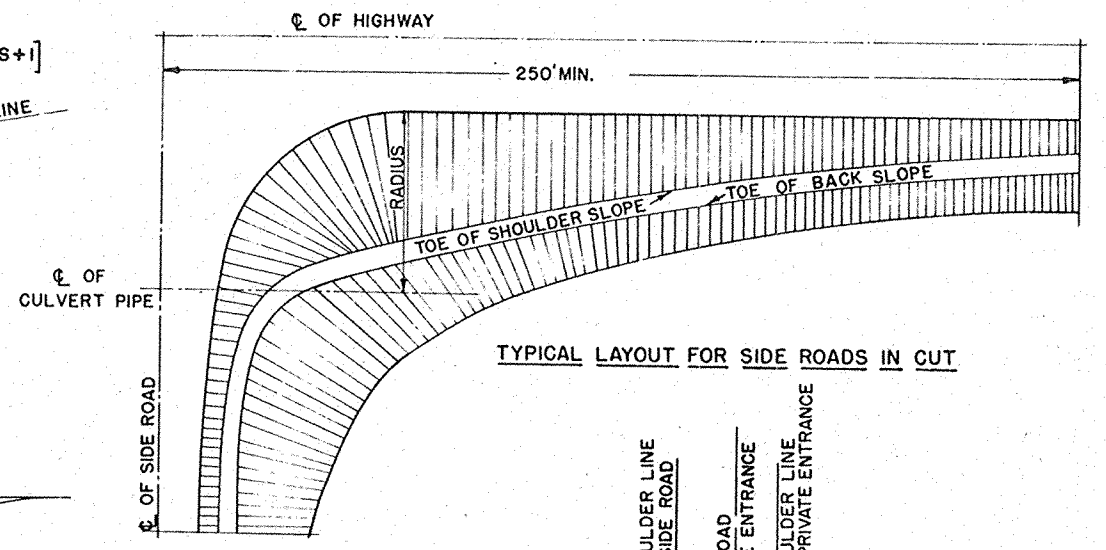
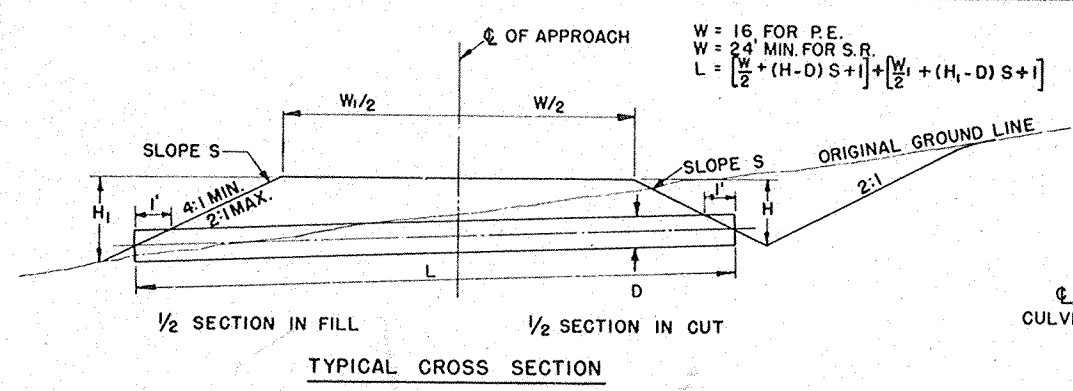
DATE: *2/2/56* *E. G. Rattley*

DEPARTMENT OF COMMERCE
 BUREAU OF PUBLIC ROADS

APPROVED: _____ DATE: _____

FIELD INVESTIGATED BY: _____

S0324(1)



TYPICAL LAYOUT FOR PRIVATE ENTRANCES AND SIDE ROADS IN HIGH FILLS.

DETAILS OF PRIVATE ENTRANCE AND SIDE ROAD APPROACHES

STATE HIGHWAY COMMISSION OF WISC.

RECOMMENDED FOR APPROVAL:

Frank Crane
DESIGN ENGINEER

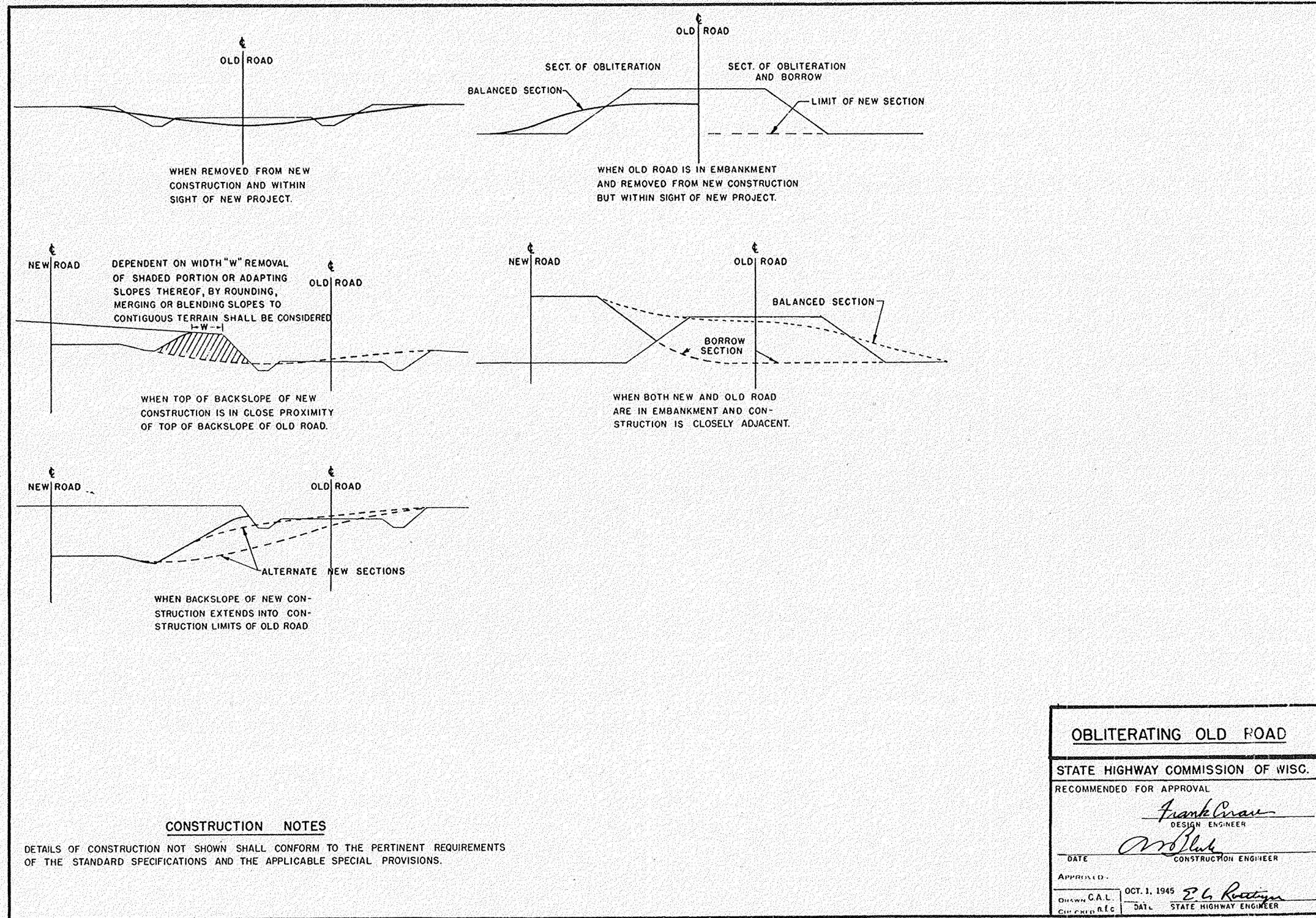
W. Bluh
CONSTRUCTION ENGINEER

DATE _____

APPROVED: OCT. 1, 1945

DRAWN _____ DATE _____

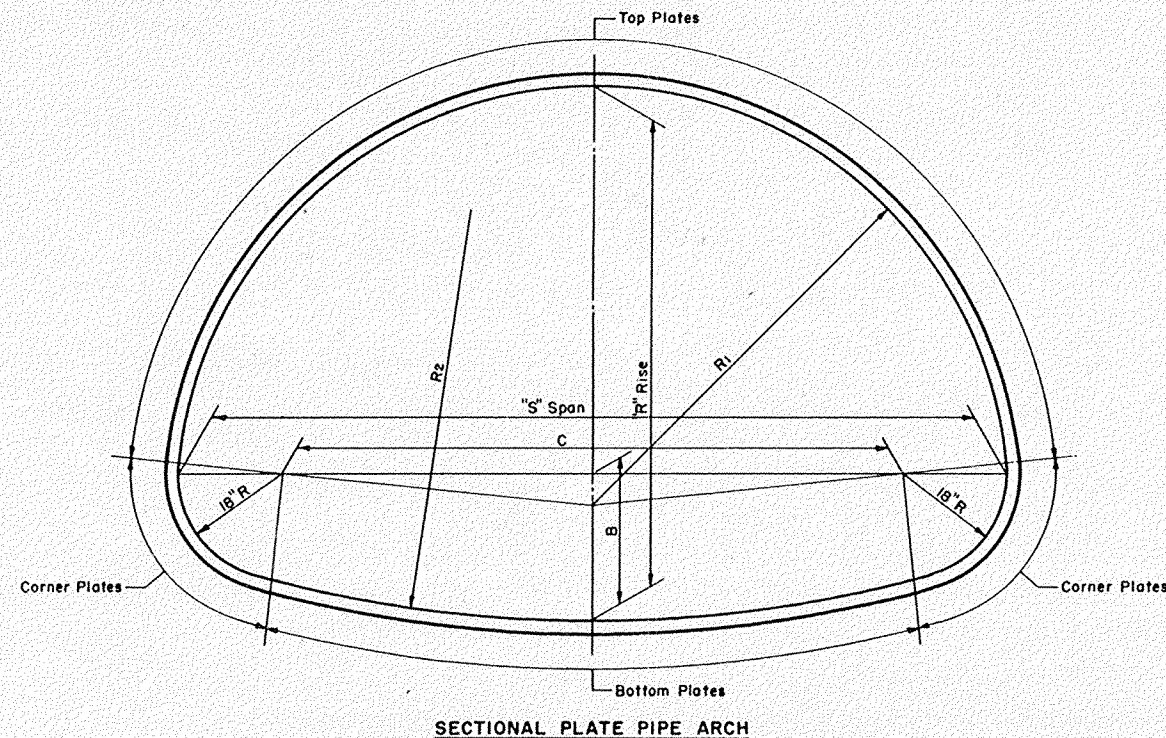
CHECKED _____ DATE _____ STATE HIGHWAY ENGINEER



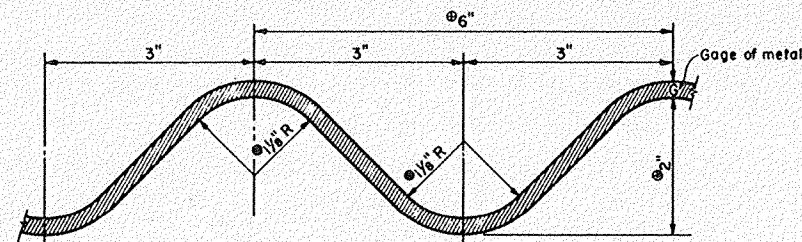
CONSTRUCTION NOTES

DETAILS OF CONSTRUCTION NOT SHOWN SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

OBLITERATING OLD ROAD	
STATE HIGHWAY COMMISSION OF WISC.	
RECOMMENDED FOR APPROVAL	
<i>Frank Crow</i> DESIGN ENGINEER	
<i>W. J. Blue</i> CONSTRUCTION ENGINEER	
DATE	
APPROVED -	
CHIEF C.E.	OCT. 1, 1945
CHIEF E.C.	<i>E. L. Rostrom</i> STATE HIGHWAY ENGINEER



SECTIONAL PLATE PIPE ARCH



DETAIL OF METAL CORRUGATIONS

CORRUGATION DIMENSION TOLERANCES

- ⊕ - Tol. 1/4"
- ⊖ - Tol. ± 1/8"
- ⊖ - Min. 1/16"

TABLE OF PROPERTIES
SECTIONAL PLATE PIPE ARCH

SPAN Nominal Size	Dimensions taken from inside crests of corrugations							Table of Metal Gages - Minimum Acceptable																			
	Fabricators Size Min. Acceptable "S" Span - "R" Rise	R/S Ratio	Area Sq. Ft.	B In.	C In.	R1 In.	R2 In.	H-20 LOADING Depth of Embankment in Feet																			
								1	2	3	4	5	6	7	8	9	10	11	12	13	14	15					
6 Feet	6'-1" x 4'-7"	.75	22	21.0	37.0	36.7	76.4	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
7 "	7'-0" x 5'-1"	.73	28	21.4	48.0	42.3	104.5	10	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	10	10	10
8 "	7'-11" x 5'-7"	.70	35	21.7	59.0	47.7	138.4	10	10	10	12	12	12	12	12	12	12	12	12	12	12	10	10	10	10	10	10
9 "	8'-10" x 6'-1"	.69	43	21.8	70.0	53.0	179.2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8
10 "	9'-9" x 6'-7"	.67	52	21.9	81.0	58.3	228.0	8	8	10	10	10	10	10	10	10	10	10	10	10	10	8	8	8	8	8	7
11 "	10'-11" x 7'-1"	.65	61	25.1	95.0	65.8	180.8	8	8	8	10	10	10	10	10	10	10	10	8	8	8	7	7	7	5	5	5
12 "	11'-10" x 7'-7"	.64	71	25.2	106.0	71.1	217.0	7	8	8	8	8	8	8	8	8	8	8	8	8	7	5	5	3	3	3	1
13 "	12'-10" x 8'-4"	.65	85	24.0	118.0	77.2	315.2	5	7	8	8	8	8	8	8	8	7	7	5	5	3	3	1	1	1	1	1
14 "	13'-11" x 8'-7"	.62	93	28.9	131.0	84.4	220.8	5	5	7	7	8	8	8	7	7	5	5	3	3	1	1	1	1	1	1	1
15 "	14'-10" x 9'-1"	.61	105	28.9	142.0	89.5	254.9	3	5	5	7	7	7	7	5	3	3	1	1	1	1	1	1	1	1	1	1
16 "	15'-10" x 9'-10"	.62	122	27.4	154.0	95.4	339.1	1	3	5	5	7	7	5	3	3	1	1	1	1	1	1	1	1	1	1	1
16.5 "	16'-7" x 10'-1"	.61	131	28.7	163.0	99.8	333.8	1	3	3	5	5	5	3	1	1	1	1	1	1	1	1	1	1	1	1	1

Note: For sizes of Sectional Plate Pipe Arch between those shown in the table, the gage shall be interpolated (based on table data) where possible; otherwise the gage of the next larger size shown in the table shall be used.

GENERAL NOTES

Details of construction not shown on this drawing shall conform to the pertinent requirements of the Standard Specifications, Sections 2412 and 4116 and the applicable Special Provisions.

For Flexible Type Pavement, the minimum height of cover over top of Sectional Plate Pipe Arches (finished construction) shall be "S"/10 but not less than 1.0'.

For Rigid Type Pavement, the minimum shall be "S"/14 but not less than 6" cushion below pavement.

Adequate cover protection shall be provided at all times during construction operations to preclude any damage to structure.

The maximum height of embankment over top of Sectional Plate Pipe Arches shall be 15 feet.

Strutting of Sectional Plate Pipe Arches will not be required during construction unless specifically called for on the plans or the applicable Special Provisions.

TOLERANCES

Pipe Arch size dimensions are subject to manufacturing tolerances and the ratio of rise (R) to span (S) shall not exceed a tolerance of 5% plus or minus.

Metal corrugation dimension tolerances shall not exceed pertinent dimensions shown elsewhere on this drawing.

NOMENCLATURE

The term "Sectional Plate Pipe Arch" as shown and used on this drawing shall be construed to be synonymous to the term "Structural Plate Pipe Arch" as shown and used in the A.A.S.H.O. current Standard Specifications for Highway Bridges.

BID ITEM

No. 2412-31 Sectional Plate Pipe Arch (Size)..... Lin. Ft.

SECTIONAL PLATE
PIPE ARCH

STATE HIGHWAY COMMISSION OF WISCONSIN

RECOMMENDED FOR APPROVAL:

1/26/55
DATE

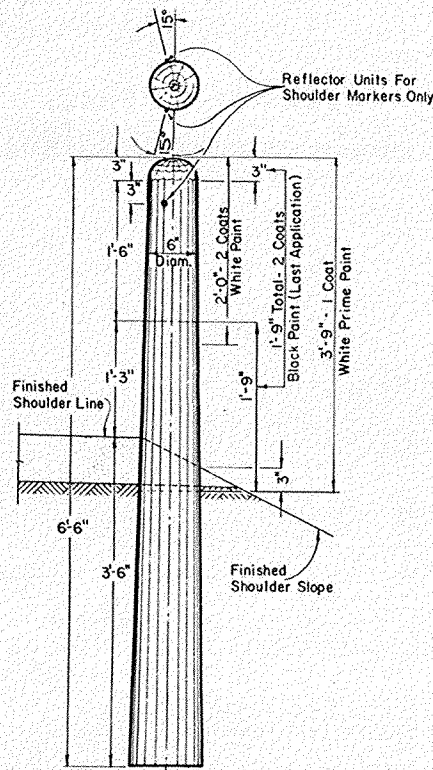
J. S. Peltz
ENGINEER OF DESIGN

APPROVED:

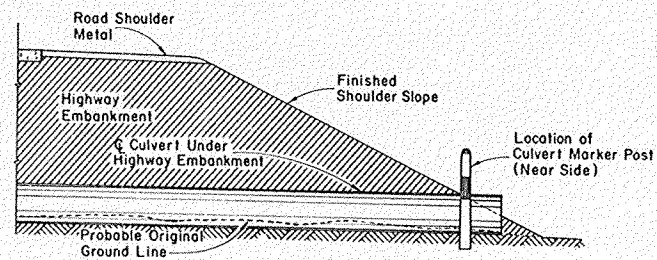
1/28/55
DATE

E. L. Bastien
STATE HIGHWAY ENGINEER

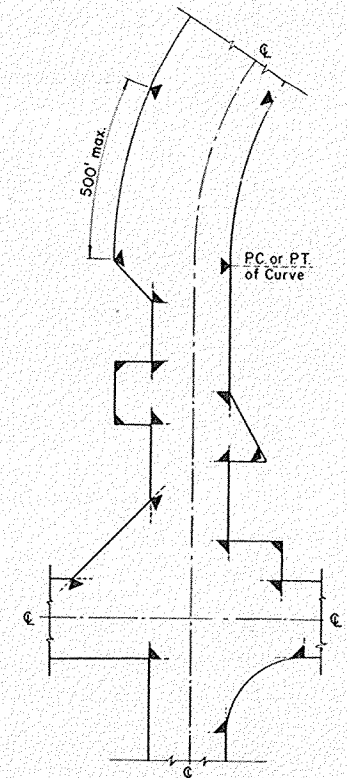
PLATE NO. 6-5.2.3



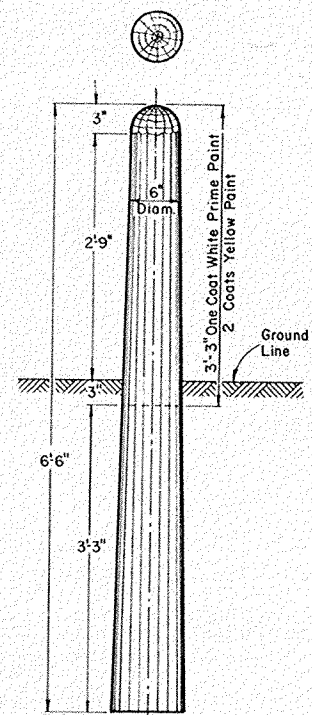
MARKER POST FOR ROAD SHOULDERS AND CULVERTS



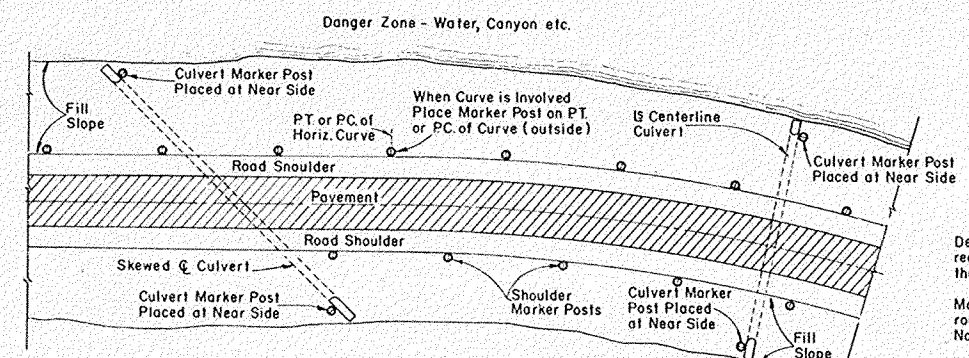
SECTION SHOWING RELATIVE LOCATION OF MARKER POST FOR CULVERTS



LOCATION DIAGRAM SHOWING TYPICAL LOCATIONS OF MARKER POSTS FOR RIGHT OF WAY



MARKER POST FOR RIGHT OF WAY



SPACING FOR SHOULDER MARKER POSTS
 50' C:C for 100' to 500' Danger Zones
 100' C:C for Over 500' Danger Zones
LOCATION DIAGRAM SHOWING RELATIVE LOCATIONS OF SHOULDER MARKER POSTS AND CULVERT MARKER POSTS

MARKER POSTS FOR ROAD SHOULDERS AND CULVERTS

MARKER POST FOR RIGHT OF WAY

GENERAL NOTES:
 Details of Construction not shown on this drawing shall conform to the pertinent requirements of the Standard Specifications Sections 2523, 4124 and 4125 and the applicable Special Provisions.
 All posts for Road Shoulder Markers, Culvert Markers and Right of Way Markers are identical except for Painting and Reflector Units. All Posts shall be round and untreated and shall be either Northern White Cedar, Southern Yellow Pine, Norway Pine, White Pine or Jack Pine.

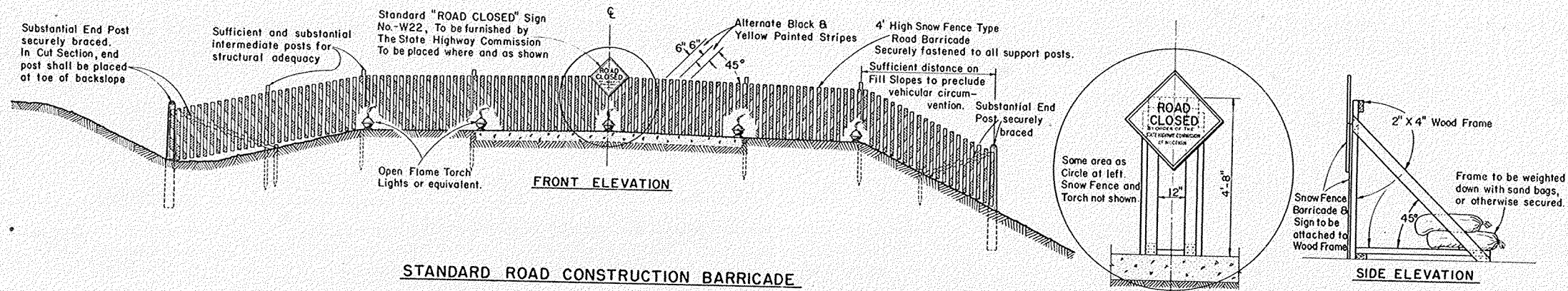
MARKER POSTS FOR RIGHT OF WAY
 Right of Way Marker Posts shall be erected in advance of Grading Operations. Posts may be shaped and painted prior to erection. Any damaged areas occurring to point surface during erection or other subsequent operations must be repainted prior to acceptance.
 Posts shall be placed at the outer limits of the Highway Right of Way, but entirely within the Right of Way and shall be so placed that the outer edge of the posts shall be tangent to the Right of Way line or lines extended. The exact location of all Right of Way Posts shall be staked in the field by the Engineer.
 Reflector Units for Right of Way Marker Posts will not be required.

REFLECTOR UNITS
 Reflector Units shall have plastic crystal lens 7/8" in diameter. Unit assembly shall be a minimum of 7/8" in length. Reflector Units shall be furnished with flared expanding metal clips for wood mounting. Units shall be mounted in tightest fit possible and securely staked in posts. Reflector Units shall be installed in Road Shoulder Marker Posts only.

BID ITEMS
 No. 2523-3 Marker Posts..... Each
 No. 2523-4 Marker Posts for Right of Way..... Each

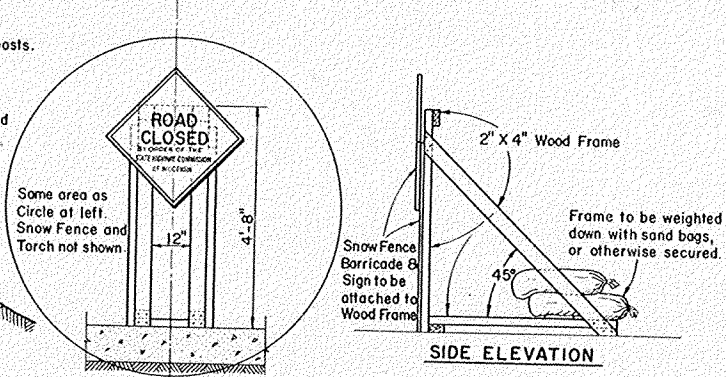
MARKER POSTS & MARKER POSTS FOR RIGHT OF WAY

STATE HIGHWAY COMMISSION OF WISCONSIN
 RECOMMENDED FOR APPROVAL
 4/6/54 DATE
 APPROVED:
 11/2/58 DATE
 ENGINEER OF DESIGN
 STATE HIGHWAY ENGINEER
 PLATE NO. 7-1.3.2.



STANDARD ROAD CONSTRUCTION BARRICADE

SNOW FENCE TYPE-"A"



WOOD FRAME SUPPORT AT C FOR SNOWFENCE TYPE BARRICADE When Barricade is Erected on Rigid Type Surfacing

GENERAL NOTES

The Contractor shall construct, place and maintain barricades as shown on this drawing and as required by the Standard Specifications Section 1107 for the duration of the project. Barricades shall be painted and structurally maintained for maximum visibility at all times. Provision shall be made in the construction of barricades to provide for ingress and egress for local access as may be required.

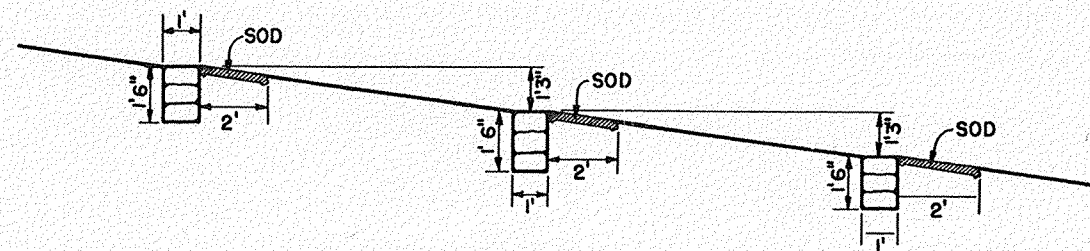
ALTERNATE DESIGNS

Contractors may submit to the Engineer for approval, designs for Barricades other than shown on this drawing, and upon the Engineer's approval may be used as alternates.

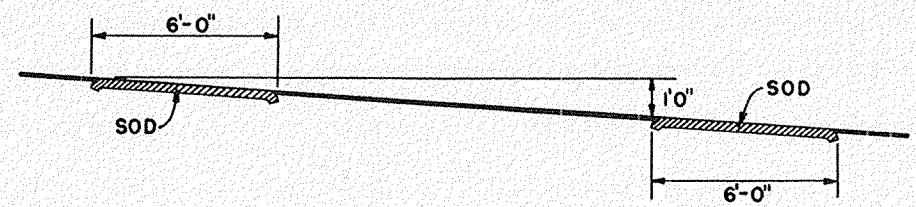
MEASUREMENT & PAYMENT

All Barricades, unless otherwise provided for in the Plans and/or Special Provisions shall be furnished, placed, and maintained as noted above, and no additional compensation will be allowed but shall be construed to be included in the price bid for other items.

CONSTRUCTION BARRICADE	
<i>STATE HIGHWAY COMMISSION OF WISCONSIN</i>	
RECOMMENDED FOR APPROVAL:	
DATE <i>4/2/55</i>	<i>J. d. Pelt</i> ENGINEER OF DESIGN
APPROVED:	
DATE <i>6/4/55</i>	<i>E. C. Rustigen</i> STATE HIGHWAY ENGINEER

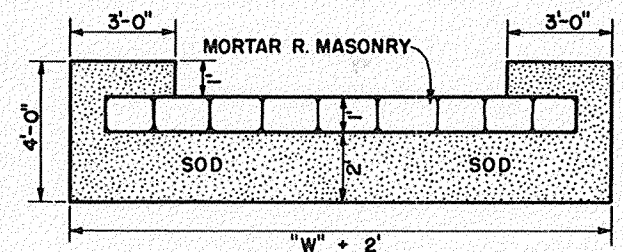


PROFILE OF DITCH GRADE

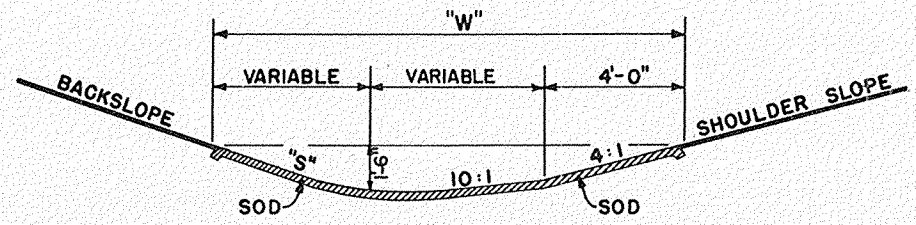


PROFILE OF DITCH GRADE

NOTE: NUMBER REQUIRED WILL BE DETERMINED BY VERTICAL SPACING.



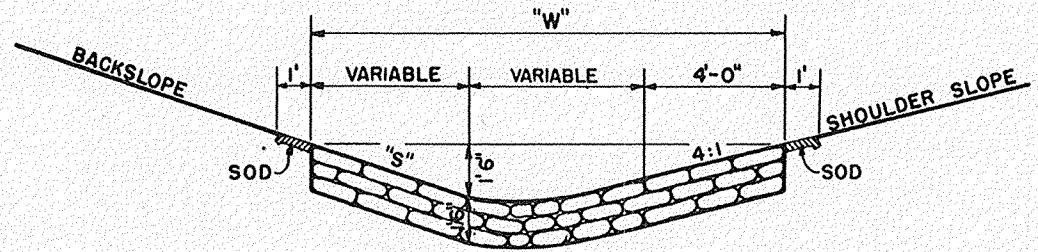
PLAN VIEW SHOWING SOD



SECTION

SOD DITCH CHECKS

QUANTITIES		
"S"	"W"	EACH SQ. YD.
2:1	12'	8
3:1	13.5'	9
4:1	15'	10



SECTION

MORTAR RUBBLE MASONRY

QUANTITIES			
"S"	"W"	SOD SQ. YD.	EACH CU. YD.
2:1	12'	4.0	0.67
3:1	13.5'	4.33	0.75
4:1	15'	4.67	0.83

CONSTRUCTION NOTES

DETAILS OF CONSTRUCTION NOT SHOWN SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DITCH CHECKS
MORTAR RUBBLE MASONRY & SOD

STATE HIGHWAY COMMISSION OF WISC.

RECOMMENDED FOR APPROVAL:

Frank Crave
DESIGN ENGINEER

Bob Blush
CONSTRUCTION ENGINEER

DATE: _____

APPROVED: _____

DRAWN DIV 9
CHECKED M.F.C.

E. L. Rottman
STATE HIGHWAY ENGINEER

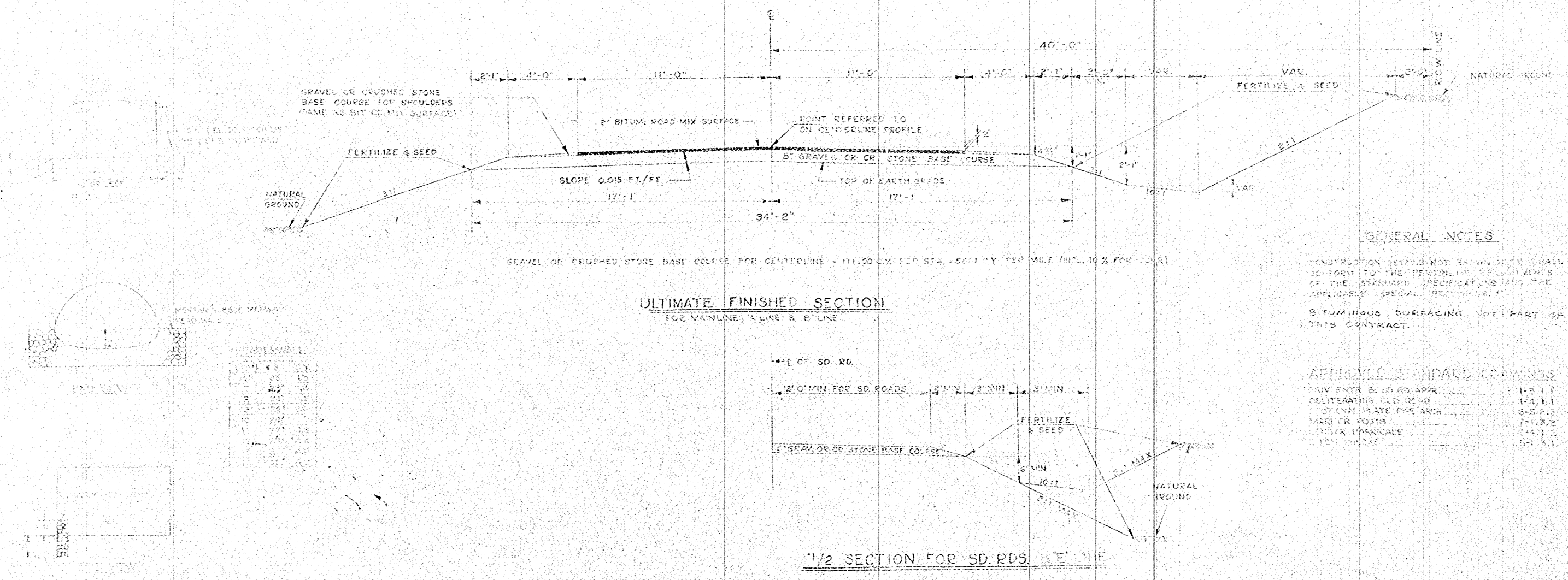
ESTIMATE OF QUANTITIES

CONTRACT NO. 142

PROJECT	SHEET NO.	TOTAL SHEETS
SO 324(1)	2	63

THIS PROJECT IS TO BE EXECUTED UNDER THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE STATE HIGHWAY COMMISSION OF WISCONSIN - EDITION OF 1951 APPROVED JANUARY 23, 1952. FEDERAL AID REQUIRED CONTRACT PROVISIONS APPROVED JAN. 31, 1955, AND SPECIAL PROVISIONS AS ATTACHED TO PROPOSALS.

CONTRACT NO.	STATION TO STATION	NET LENGTH OF CENTER LINE	CLEARING	GRUBBING	EXCAVATION			SAND GRAVEL FILL	FINISHING ROADWAY	OBLITERATING OLD ROAD	GRAVEL OR CRUSHED STONE BASE COURSE	CULVERT PIPE					MORTAR RUBBLE MASONRY (HEADER WALLS)	GUARD FENCE			MARKER POSTS FOR R/W	SEC. PLATE PIPE ARCH	RECT. PLATE PIPE ARCH	CONCY. PLATE PIPE ARCH	CONCY. WALL EGG FRAME CONCRETE	CONCY. WALL SLURRY	ASS. CONC. CURB	BIT. MAT FOR SLURRY	CATCH BASINS	CALCIUM CHLORIDE SURFACE TREATMENT	TOP SOIL	SALVAGED TOP SOIL	FERTILIZER	SEEDING							
					2106-5	2106-1	2106-2					2110-1	2114-1	2116-1	2118-1	2118-2		2118-3	2118-4	2118-5															2409-2	2523-1	2523-2	2523-3	2523-4	2523-5	2523-6
ITEM NO.	UNIT	LIN. FT.	CY	CY	CY	CY	STA.	STA.	CY	CY	CY	IN. FT.	IN. FT.	IN. FT.	IN. FT.	IN. FT.	IN. FT.	IN. FT.	IN. FT.	EACH	EACH	IN. FT.	IN. FT.	IN. FT.	IN. FT.	IN. FT.	IN. FT.	IN. FT.	IN. FT.	IN. FT.	IN. FT.	IN. FT.	IN. FT.	IN. FT.	IN. FT.						
1		0+44 - 297+00	24,656.0	10.30	10.90	3,024	12,359																																		
2		0+41 - 107+00	66,120.0																																						
	TOTALS	240,000.0	10,370	10,800	3,024	12,359			321	21	36,075	22,175	2312	1036	380	44	136	20			107		114	116	196	12,500	1,200	7400	2,820	120		0.5				290	10,000				



- GENERAL NOTES**
- CONSTRUCTION DETAILS NOT SHOWN HEREIN SHALL CONFORM TO THE REQUIREMENTS SPECIFIED IN THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.
 - BITUMINOUS SURFACING NOT PART OF THIS CONTRACT.
- APPROVED STANDARD DRAWINGS**
- TRUCK ENDS & ROAD APPROACHES 143.1.1
 - OBLITERATING OLD ROAD 144.1.1
 - CONCRETE ARCH 145.1.1
 - MARKER POSTS 146.1.2
 - CONCRETE PARAPETS 147.1.1
 - CONCRETE CURBS 148.1.1

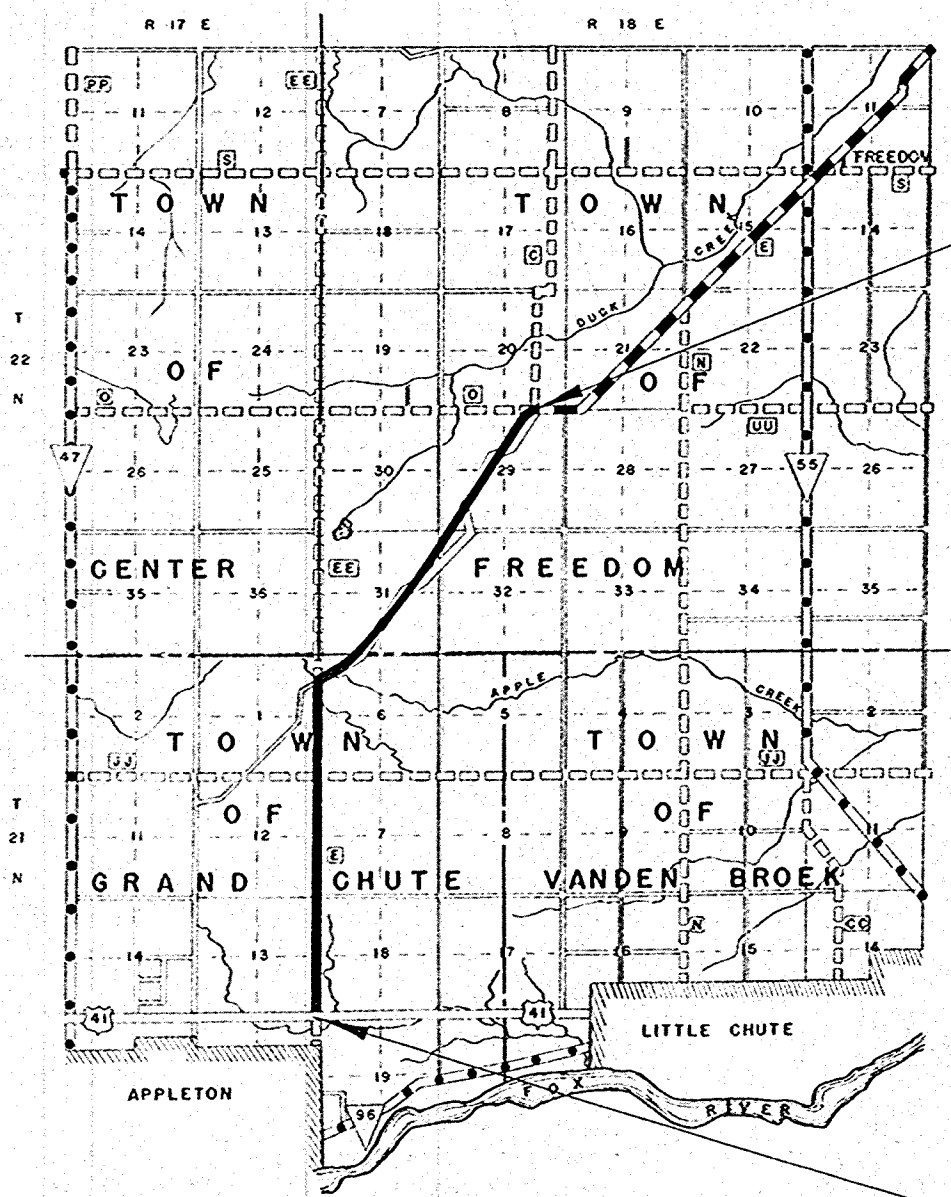
DETAIL SUMMARY SHEET OF MISCELLANEOUS QUANTITIES

GRADE - DRAIN - BIT SURFACE

PROJECT	SHEET NUMBER	TOTAL SHEETS
0324 (1)	3	63

EXCAVATION					GR. OR CE. STONE BASE COURSE		AGG. FOR BIT. ED MIX SURF.		MARKER POSTS		PIPE CULVERTS							
SEC	STA. TO STA.	UNC.	SCREWS	LOCATION	CU. YDS.	LOCATION	CU. YDS.	LOCATION	NO.	SEC NO.	STATION	DIAMETER INCHES	LENGTH LVS. FT.	TYPE	E ROY	FEAS. L	HEM. R	MARKERS
	0+44 - 297+00	86493	3845	CENTERLINE (ML.)	33,000			CULVERTS	62		12+27	24	52	CULV PIPE	✓			2
	A' LINE	1133	7626	PES & SDRS	1,375			SHOOR DELIN.	45		12+35	24	52	"	✓			2
	B' LINE	550	888	A' LINE	1,000						24+39	24	60	"	✓			2
	E' LINE	78		B' LINE	400						30+24	24	48	"	✓			2
	CH. CHANGE 131+00	630		E' LINE	300						53+5	30	52	"	✓			2
	CH. CHANGE 138+391	120									53+25	2-9' SPAN X 6" SRPA					3.1	2
											67+49	30	44	CULV PIPE	✓			2
											76+06	36	44	"	✓			2
											93+09	24	52	"	✓			2
											102+90	24	52	"	✓			2
											116+20	24	48	"	✓			2
											131+00	11' SPAN X 16" SRPA		✓		3.1	2	
											1378+65	24	32	SRPA	✓			2
											139+25	24	72	SRPA	✓			2
											142+95	24	48	"	✓			2
											146+69	24	44	"	✓			2
											150+58	42	72	"	✓			2
											155+27	24	68	"	✓			2
											158+00	24	52	"	✓			2
											157+00	24	60	"	✓			2
											138+391	11' SPAN X 8" SRPA		✓			2	
											161+33	8	56	SRPA	✓			2
											166+70	7' SPAN X 56" SRPA		✓		3.1	2	
											170+20	24	38	CULV PIPE	✓			2
											181+00	42	64	"	✓			2
											189+25	30	64	"	✓			2
											200+50	18	36	"	✓			2
											205+13	30	72	"	✓			2
											218+77	18	36	"	✓			2
											220+50	7' SPAN X 58" SRPA		✓		3.1	2	
											231+16	18	44	CULV PIPE	✓			2
											231+75	30	48	"	✓			2
											239+30	18	72	"	✓			2
											240+00	18	72	"	✓			2
											247+00	24	56	"	✓			2
											258+80	30	72	"	✓			2
											268+35	18	76	"	✓			2
											268+35	18	44	"	✓			2
											276+45	24	36	"	✓			2
											282+60	24	60	"	✓			2
											286+50	24	48	"	✓			2
											281+00	18	32	"	✓			2
											27 PES @ 28	18	1764	"				
											57-1	30	28	"	✓			
											115+72	24	28	"	✓			
											215+50	18	40	"	✓			

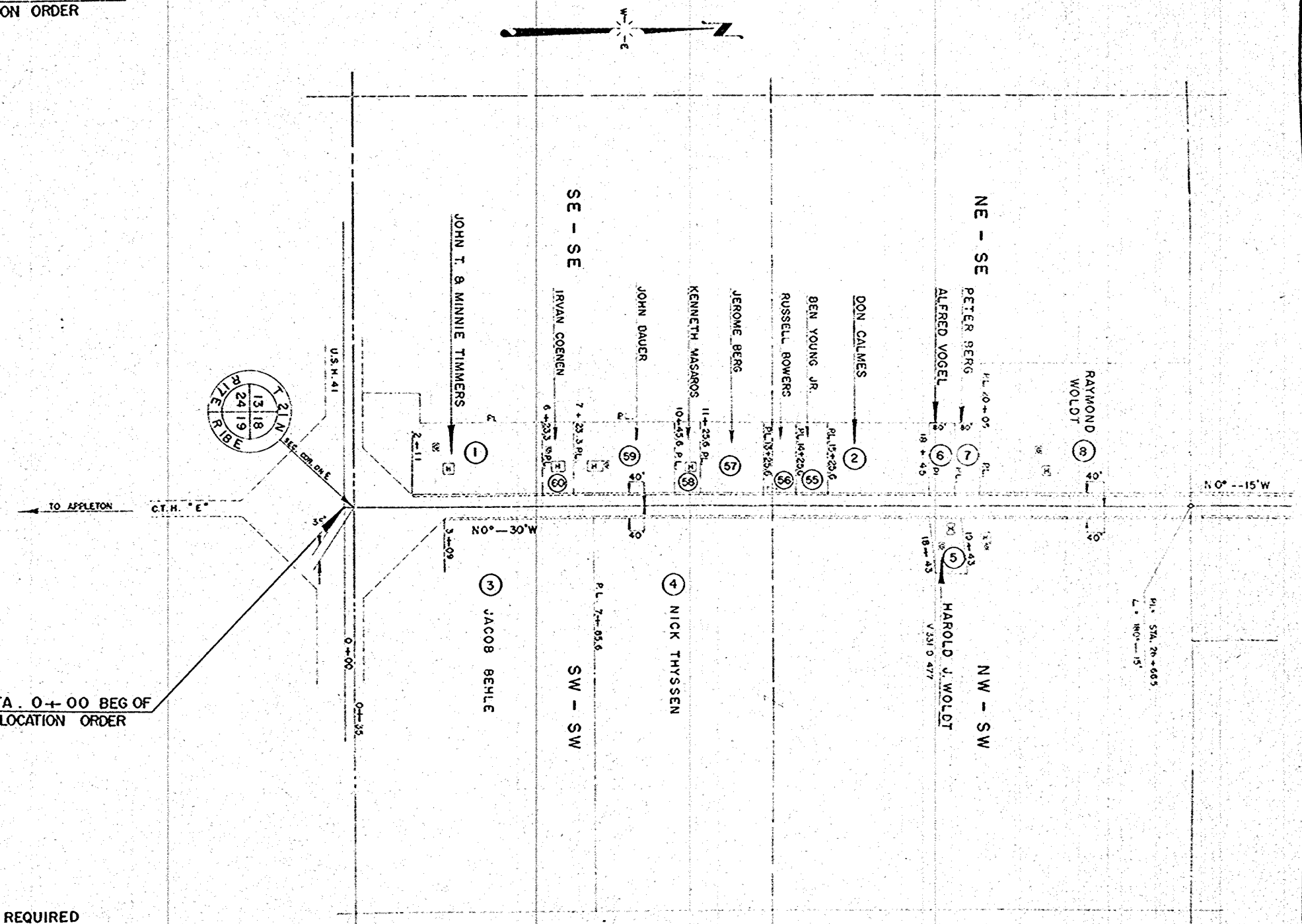
COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
44.6	324.0		11.1	4	4.0	63



LOCATION SKETCH
SCALE IN MILES
0 1/2 1 2

STA. 296+90.4 END OF RELOCATION ORDER

STA. 0+00 BEG OF RELOCATION ORDER



SCHEDULE OF LANDS AND INTERESTS REQUIRED

NO.	OWNER	ACRES REQ'D.	ROADS OF FENCING TO MOVE		INTEREST REQUIRED	
			TO MOVE	TO BUILD	HIGHWAY	EASEMENT
1	JOHN T. & MINNIE TIMMERS	0.13				
2	EUGENE PALTZER	0.13				
3	JACOB BEHLE	0.29				
4	NICK THYSSEN	0.28	37			
5	HAROLD J. WOLDT	0.02	6			
6	ALFRED VOGEL	0.01				
7	PETER BERG	0.01				
8	RAYMOND WOLDT	0.11				
55	BEN YOUNG JR.	0.02				
56	RUSSELL BOWERS	0.02				

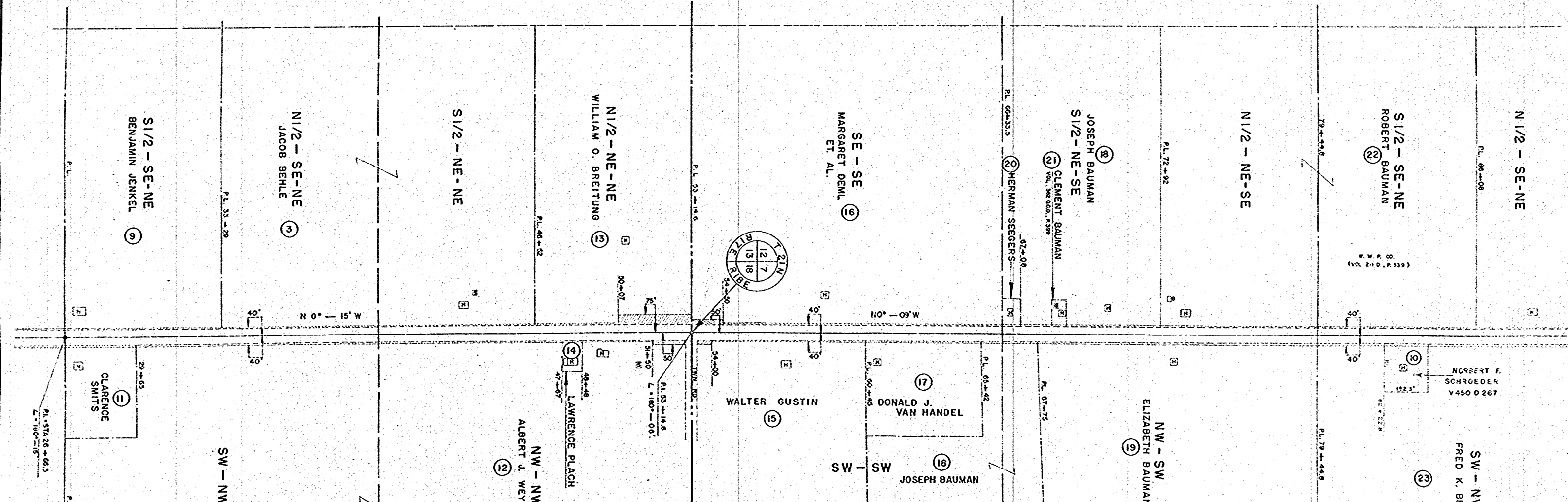
57	JEROME BERG	0.04	HIGHWAY EASEMENT
58	KENNETH MASAROS	0.01	
59	JOHN BAUER	0.05	
60	IRVAN COENEN	0.02	

STATE HIGHWAY COMMISSION OF WISCONSIN
 PLAT OF RIGHT OF WAY REQUIRED
 PROJECT S 0324(1)
 APPLETON - FREEDOM ROAD
 (APPLETON - C.T.H. "C")
 C.T.H. "E" OUTAGAMIE COUNTY

SCALE
 0 200 400
 LENGTH - 5.625 MILES

JAN 5, 1956
 NOV 2, 1955
 DATED, JULY 1, 1955

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
44.6	324.0	STATE	FEDERAL	4	4.1	63



SCHEDULE OF LANDS AND INTERESTS REQUIRED

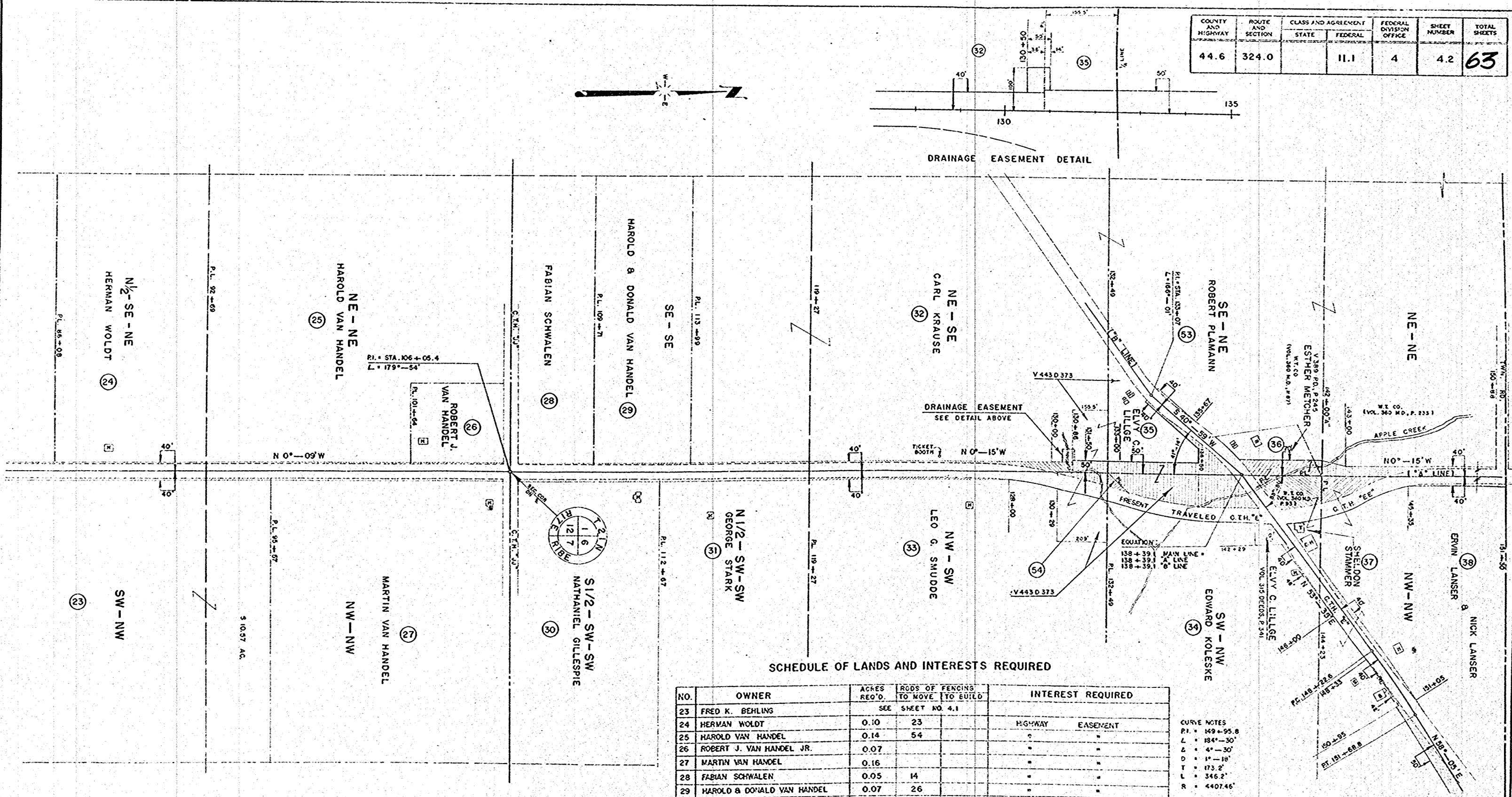
NO.	OWNER	ACRES REQ'D.	RODS OF FENCING		INTEREST REQUIRED	
			TO MOVE	TO BUILD	HIGHWAY	EASEMENT
9	BENJAMN JENKEL	0.11				
3	JACOB BEHLE					
11	CLARENCE SMITS	0.05				
12	ALBERT J. WEYENBERG	0.40				
13	WILLIAM O. BRETTUNG	0.36	40			
14	LAWRENCE PLACH	0.01				
15	WALTER GUSTIN	0.14				
16	MARGARET DEML ET. AL.	0.24				
17	DONALD J. VAN HANDEL	0.08				
18	JOSEPH BAUMAN	0.12	3			
19	ELIZABETH BAUMAN	0.18	15			
20	HERMAN SEEGER	0.01				
21	CLEMENT BAUMAN	0.01				
10	NORBERT F. SCHROEDER	0.03				
22	ROBERT BAUMAN	0.21	72			
23	FRED K. BEHLING & HARVEY MNTEN	0.23	90			

STATE HIGHWAY COMMISSION OF WISCONSIN
 PLAT OF RIGHT OF WAY REQUIRED
 PROJECT S 0324(1)
 APPLETON — FREEDOM ROAD
 (APPLETON — C.T.H. "C")
 C.T.H. "E" OUTAGAMIE COUNTY

SCALE
 0 200 400
 LENGTH - 5.625 MILES

JAN 5 1956
 NOV 2 1955
 DATED JULY 1, 1955

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
44.6	324.0	STATE	FEDERAL	4	4.2	63



SCHEDULE OF LANDS AND INTERESTS REQUIRED

NO.	OWNER	ACRES REQ'D.	RODS OF FENCING		INTEREST REQUIRED
			TO MOVE	TO BUILD	
23	FRED K. BEHLING		SEE SHEET NO. 4.1		
24	HERMAN WOLDT	0.10	23		HIGHWAY EASEMENT
25	HAROLD VAN HANDEL	0.14	54		"
26	ROBERT J. VAN HANDEL JR.	0.07			"
27	MARTIN VAN HANDEL	0.16			"
28	FABIAN SCHWALEN	0.05	14		"
29	HAROLD & DONALD VAN HANDEL	0.07	26		"
30	NATHANIEL GILLESPIE	0.10			"
31	GEORGE STARK	0.11			"
32	CARL KRAUSE	0.64	102		"
33	LEO G. SMUDDE	0.07			"
34	EDWARD KOLESKE	0.06			"
35	ELVY C. LILIGE	2.87			"
36	ESTHER WETCHER	0.53			"
37	SHELDON STAMMER	0.71			"
38	ERVIN LANSER & NICK LANSER	1.48	90		"
53	ROBERT PLAMANN	0.49	16		"

CURVE NOTES
 P.I. = 149+95.8
 L = 184'-30"
 Δ = 4°-30"
 D = 1°-18"
 T = 173.2'
 L = 346.2'
 R = 4407.46'

54	0.06			QUIT CLAIM
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STATE HIGHWAY COMMISSION OF WISCONSIN
 PLAT OF RIGHT OF WAY REQUIRED
 PROJECT S 0324(1)
 APPLETON - FREEDOM ROAD
 (APPLETON - C.T.H. "C")
 C.T.H. "E" OUTAGAMIE COUNTY

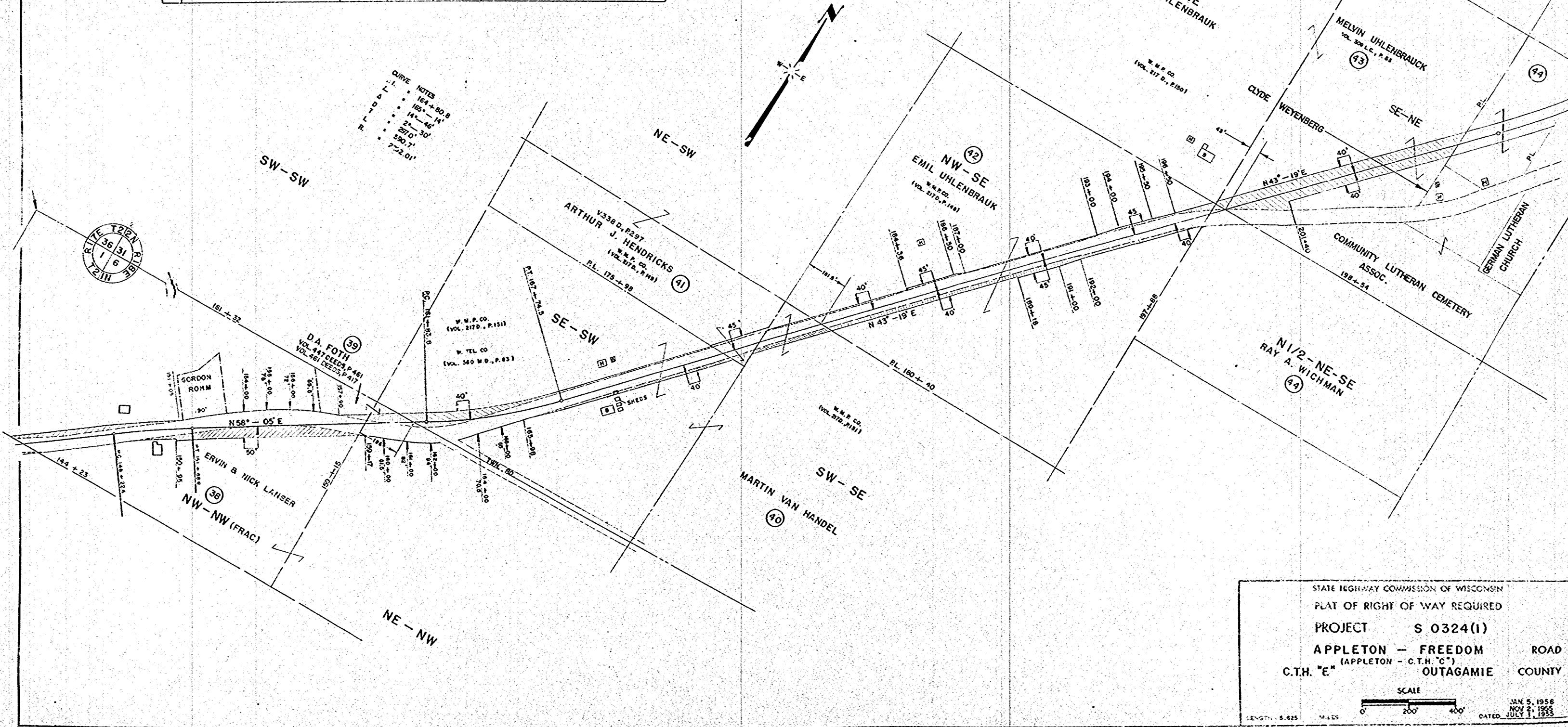
SCALE
 0' 200' 400'
 MILES

JAN 5, 1956
 NOV 2, 1955
 GATEC JULY 1, 1955

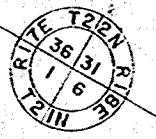
SCHEDULE OF LANDS AND INTERESTS REQUIRED

NO.	OWNER	ACRES REQ'D. SEC	RODS OF FENCING		INTEREST REQUIRED	
			TO MOVE SHEET	TO BUILD NO. *2		
38	ERVIN LANSER					
39	D. A. FOTH	0.22			HIGHWAY	EASEMENT
40	MARTIN VAN HANDEL	0.67	74		"	"
41	ARTHUR J. HENDRICKS	0.13	27		"	"
42	EMIL UHLENBRAUK	0.66	133		"	"
43	MELVIN UHLENBRAUK	1.90	113		"	"
44	RAY A. WICHMAN	2.70		170	"	"

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DAYS ON OFFICE	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
44.6	324.0		11.1	4	4.3	63



CURVE NOTES
 L.L. 164+80 B
 185°-15'
 18°-45'
 21'-30"
 270'
 530.7'
 7-2.01'

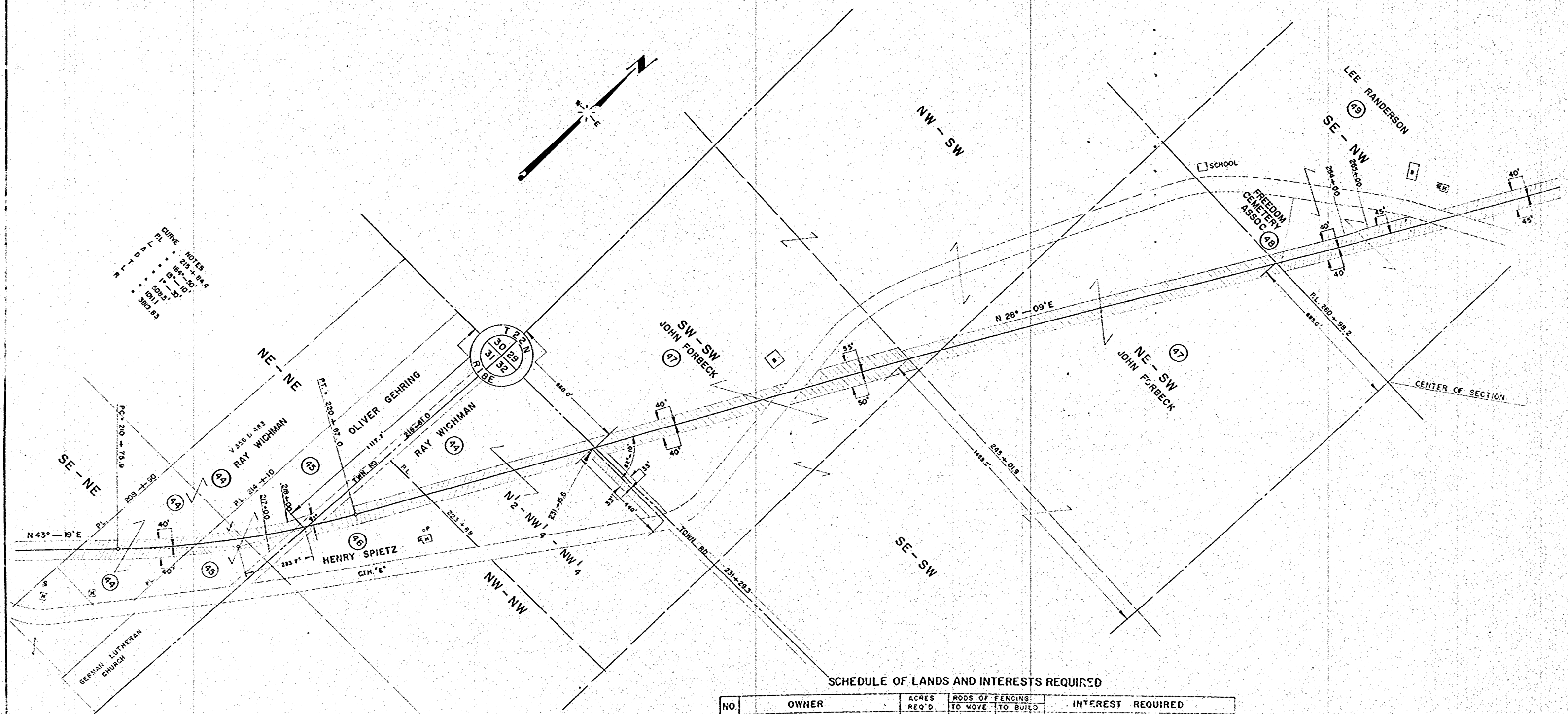


STATE HIGHWAY COMMISSION OF WISCONSIN
 PLAT OF RIGHT OF WAY REQUIRED
 PROJECT S 0324(1)
 APPLETON - FREEDOM ROAD
 (APPLETON - C.T.H. "C")
 C.T.H. "E" OUTAGAMIE COUNTY

SCALE
 0' 200' 400'

JAN 5, 1956
 NOV 2, 1955
 DATED JULY 1, 1955

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT	FEDERAL OFFICE	SHEET NUMBER	TOTAL SHEETS
44.6	324.0		11.1	4	63



CURVE NOTES
 P.L. 213+84.4
 15°-10'
 101.1
 138.8

SCHEDULE OF LANDS AND INTERESTS REQUIRED

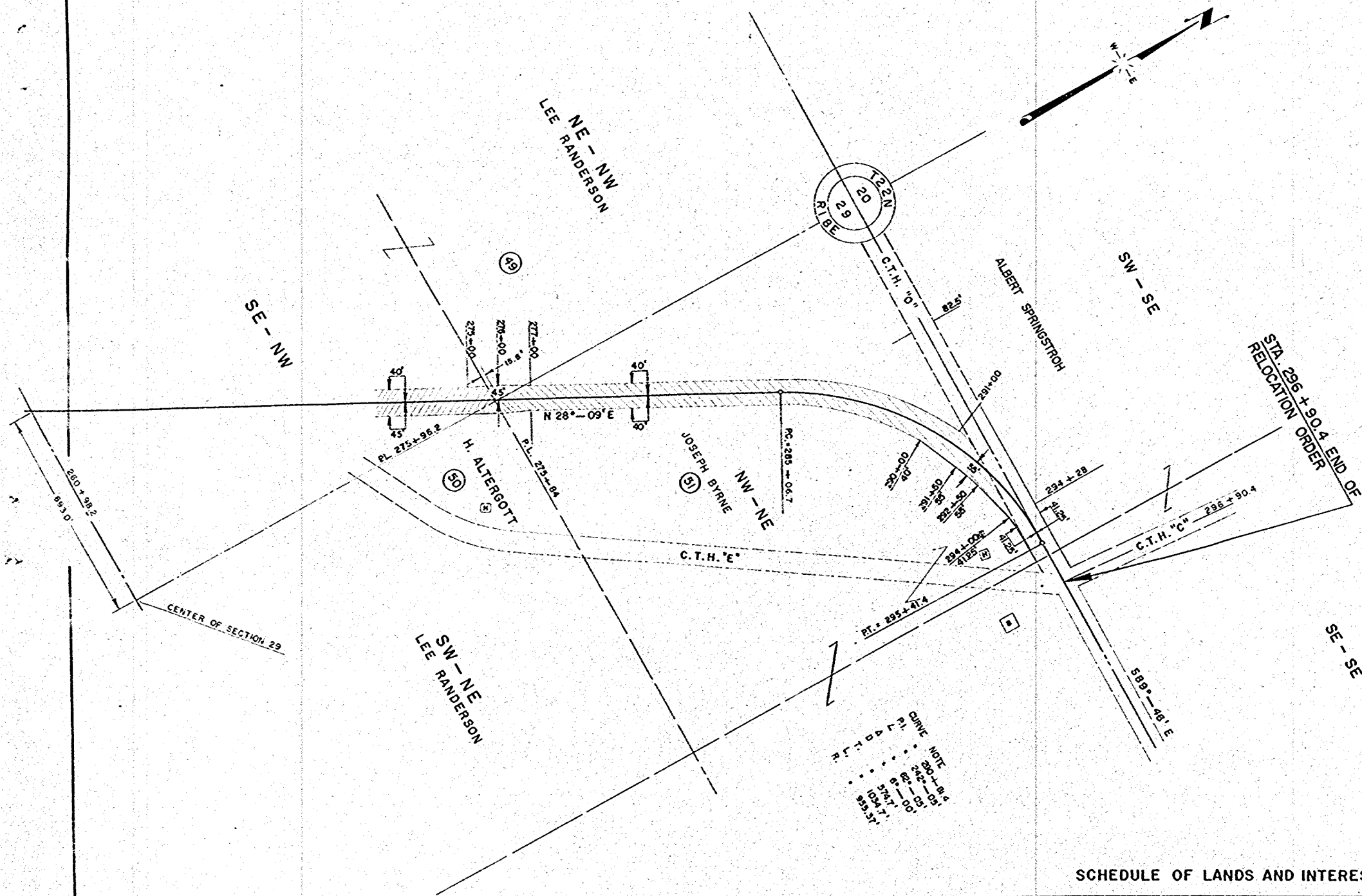
NO.	OWNER	ACRES REQ'D.	RODS OF FENCING TO MOVE	RODS OF FENCING TO BUILD	INTEREST REQUIRED
44	RAY WICHMAN				
45	OLIVER GEHRING	0.79		54	HIGHWAY EASEMENT
46	HENRY SPIETZ	0.94		53	"
47	JOHN FORBECK	5.73		198	"
48	FREEDOM CEMETERY ASSOC.	0.04		4	"
49	LEE RANDERSON	2.60		182	"

STATE HIGHWAY COMMISSION OF WISCONSIN
 PLAT OF RIGHT OF WAY REQUIRED
 PROJECT S 0324 (1)
 APPLETON - FREEDOM ROAD
 (APPLETON - C.T.H. "E")
 C.T.H. "E" OUTAGAMIE COUNTY

SCALE
 0' 200' 400'

JAN 5, 1956
 NOV 2, 1956
 DATED JULY 1, 1955

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
44.6	324.0		11.1	4	4.5	63



SCHEDULE OF LANDS AND INTERESTS REQUIRED

NO.	OWNER	ACRES REQ'D.	RODS OF FENCING		INTEREST REQUIRED
			TO MOVE	TO BUILD	
49	LEE RANDERSON	SEE SHEET NO. 4.4			HIGHWAY EASEMENT
50	H. ALTERGOTT	0.04		6	" "
51	JOSEPH BYRNE	3.22	32	184	" "

STATE HIGHWAY COMMISSION OF WISCONSIN
 PLAY OF RIGHT OF WAY REQUIRED
 PROJECT S 0324 (I)
 APPLETON - FREEDOM ROAD
 (APPLETON - C.T.H. "C")
 C.T.H. "E" OUTAGAMIE COUNTY

SCALE
 0' 200' 400'

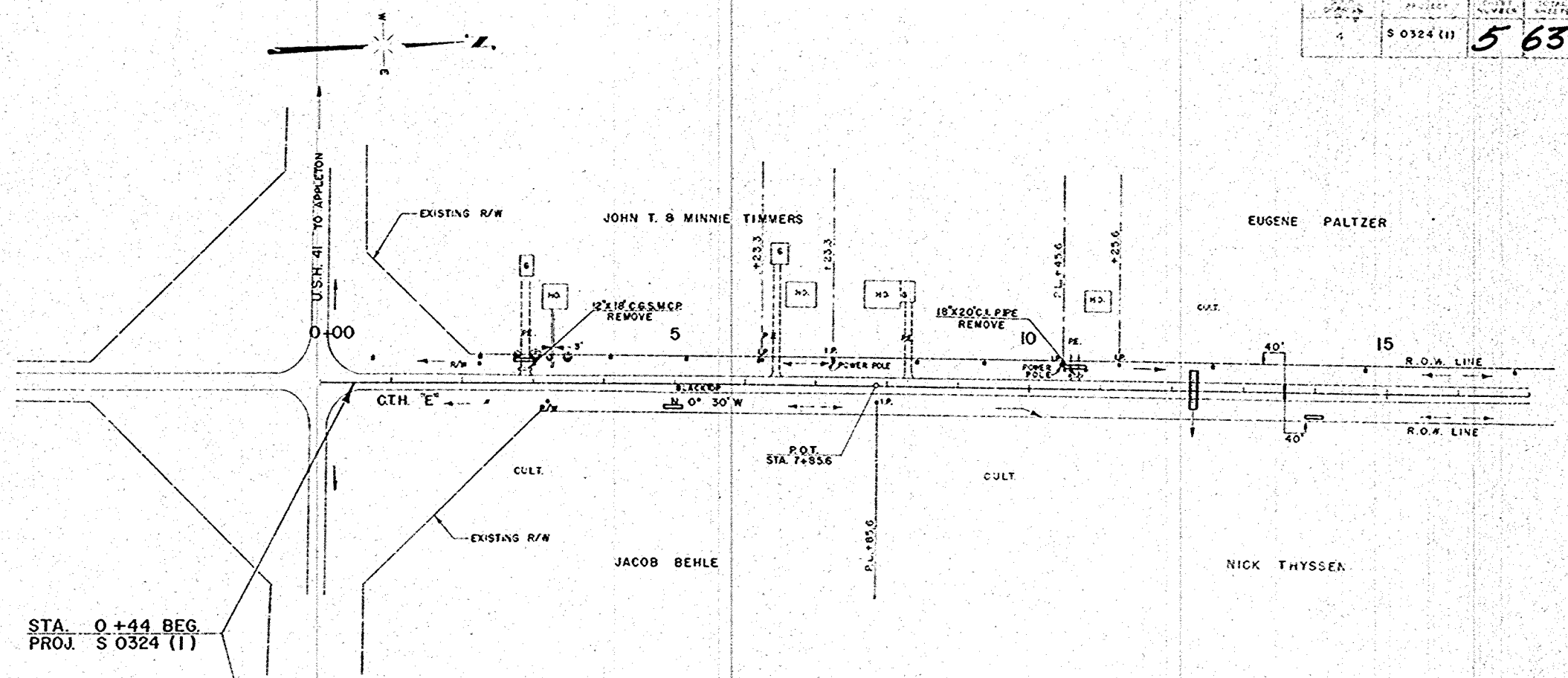
JAN 5, 1956
 NOV 2, 1956
 DEC 1, 1956

LENGTH - 5.825 MILES

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
1	0+00-300'	PT. MK. NW COR. BRIDGE 15' LT.	745.30
2	3+10	" " BOTT. CONC. STEP 110'	752.90
3	10+94	" " SE. COR. BOTT. STEP 96'	755.44

PROJECT	S 0324 (I)	SHEET	563
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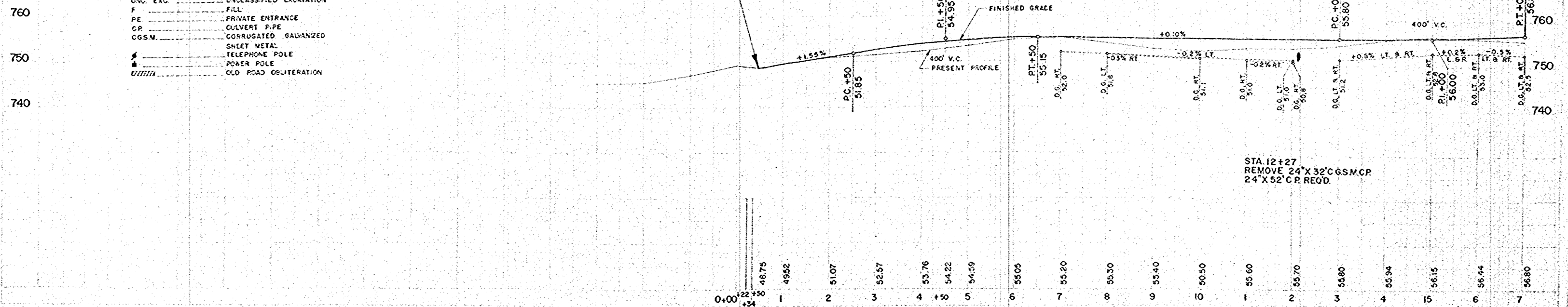
NET LENGTH OF CENTERLINE		
STATION TO STATION	LN.	FT.
0+44	15+00	1,456.0

STA. 0+44 BEG.
PROJ. S 0324 (I)

UNC. EXC. = 1,904 CY.	UNC. EXC. = 2,189 CY.
F. = 1,513 CY.	F. = 1,750 CY.

GENERAL NOTES
 THE EXACT LOCATION OF ALL PRIVATE ENTRANCE PIPES AND MARKER POSTS FOR SHOULDER DELINEATION SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
 THE CY. OF FILL AS SHOWN ON THIS PLAN PERTAINS TO EMBANKMENTS CONSTRUCTED FROM UNC. EXC. THE APPLIED SHRINKAGE ALLOWANCE VARIES FROM 17% TO 35%.

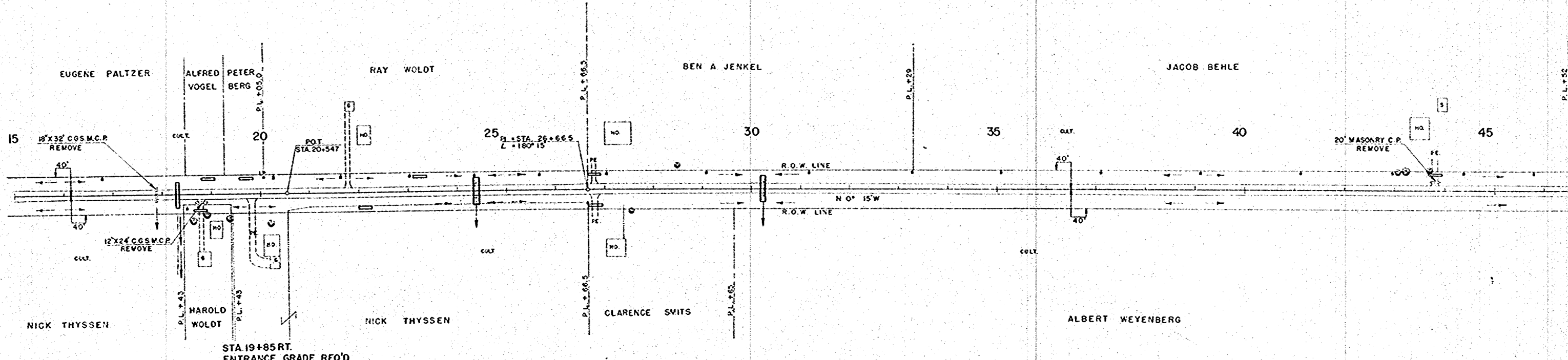
- LEGEND**
- UNC. EXC. UNCLASSIFIED EXCAVATION
 - F. FILL
 - PE PRIVATE ENTRANCE
 - CP CULVERT PIPE
 - CGSM CORRUGATED GALVANIZED SHEET METAL
 - ☎ TELEPHONE POLE
 - ⚡ POWER POLE
 - OLD ROAD OCCUPATION



STA. 12+27
 REMOVE 24" X 32" CGSM CP
 24" X 52" CP REQ'D.

BENCH MARKS

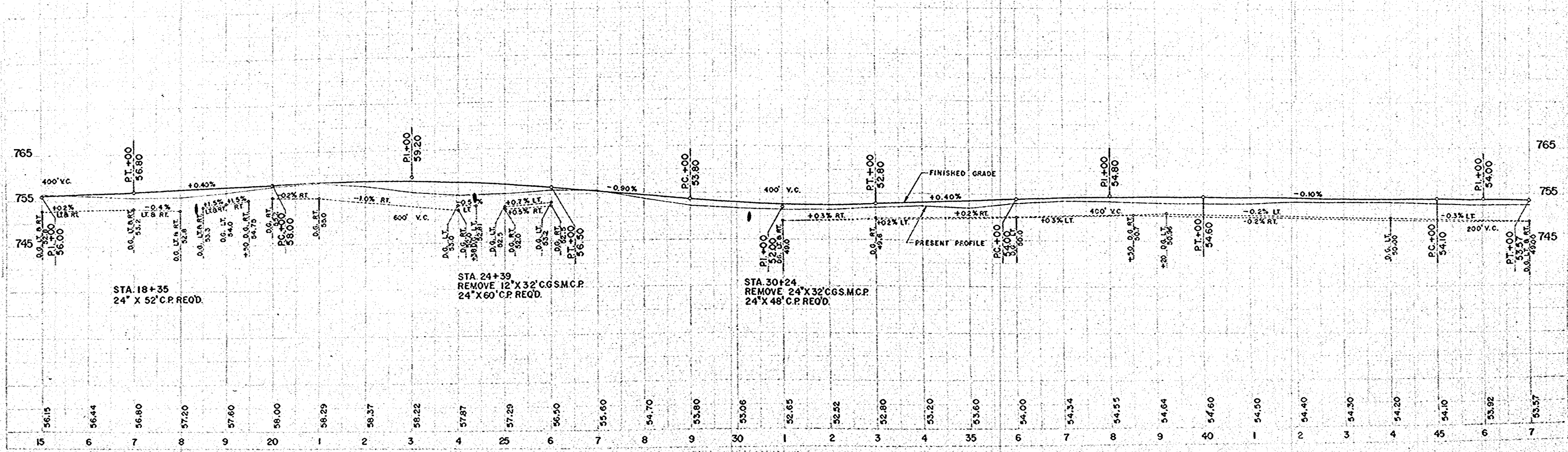
NO.	STATION	DESCRIPTION	ELEV.
4	22+10	PT. MK SE. COR. BOTT. STEP 90" LT	761.36
5	28+52	SPIKE IN 24" APPLE (BACK SIDE) 48" LT	754.50
6	43+63	" " " MAPLE 87" LT	756.13



NET LENGTH OF CENTERLINE

STATION TO STATION	LEN. FT.	
15+00	45+00	3,000.0

UNC. EXC. = 1,012 C.Y. F. = 786 C.Y. UNC. EXC. = 807 C.Y. F. = 602 C.Y. UNC. EXC. = 1,490 C.Y. F. = 1,118 C.Y.

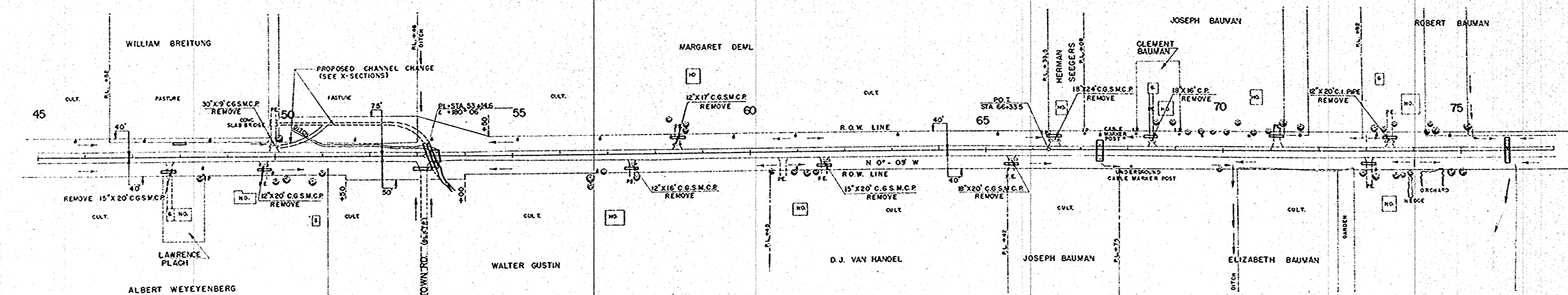


STA. 18+35
24' X 52' C.P. REQ'D.

STA. 24+39
REMOVE 12' X 32' C.G.S.M.C.P.
24' X 60' C.P. REQ'D.

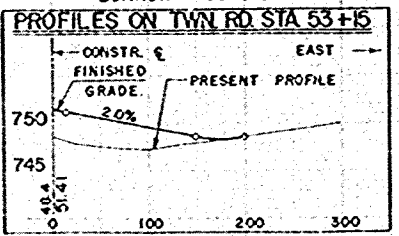
STA. 30+24
REMOVE 24' X 32' C.G.S.M.C.P.
24' X 48' C.P. REQ'D.

BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
7	50+21	SPIKE IN 20" APPLE STUMP 60RT	750.79
8	61+00	PT. MK. NW COR. BOTT. STEP 100RT	755.95
9	73+60	SPIKE IN 14" MAPLE 50LT	754.83



NET LENGTH OF CENTERLINE		
STATION TO STATION	LIN. FT.	
45+00	75+00	3000.0

STA 53+45 SD. RD. RT.
REMOVE MASONRY BOX CULV.
30" X 52" CP REQ'D.



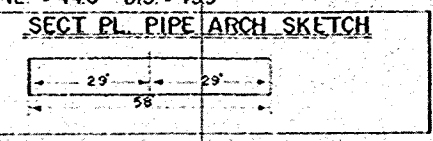
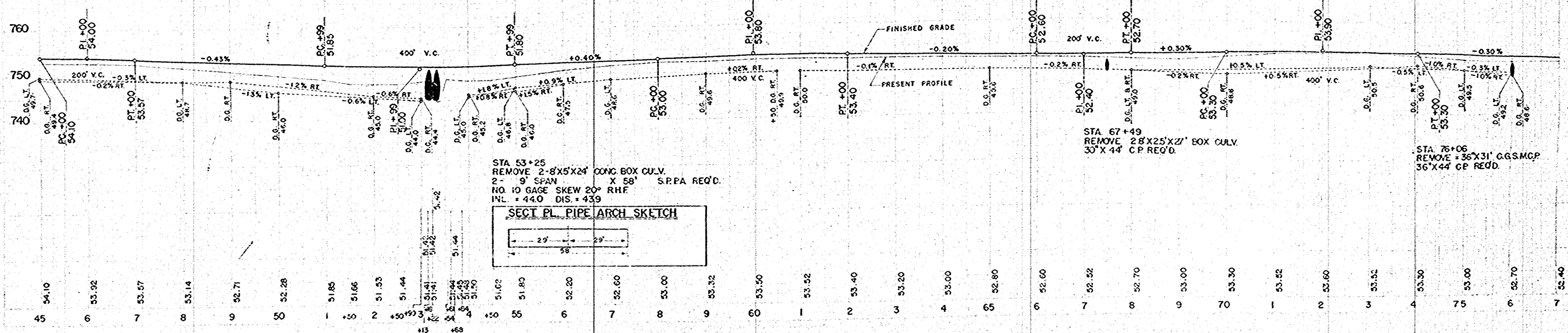
UNC. EXC. = 884 CY
F = 3867 CY
BORROW = 3845 CY

UNC. EXC. = 247 CY
F = 185 CY

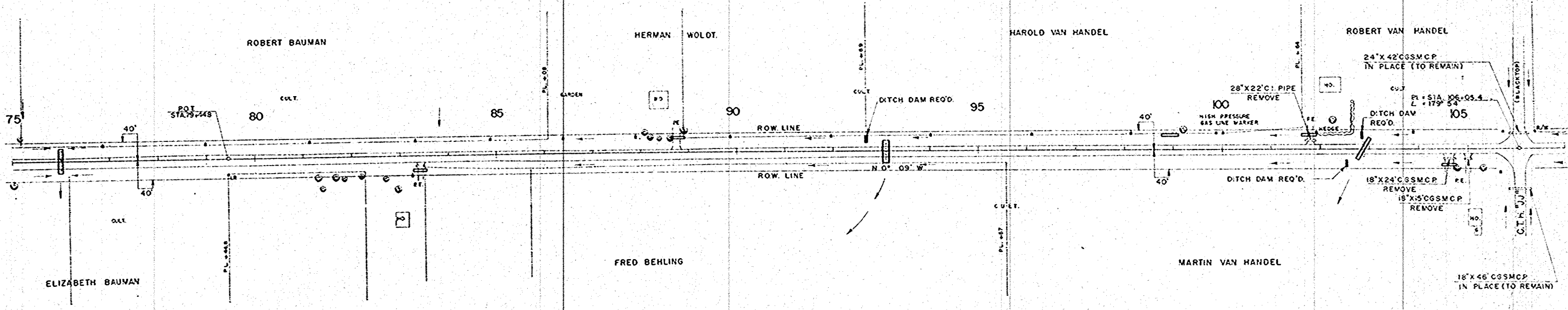
UNC. EXC. = 727 CY
F = 679 CY
HAUL IN 167 CY FROM
STA 67+00 - 73+63

UNC. EXC. = 765 CY
F = 455 CY
HAUL CUT 167 CY TO
STA 59+00 - 67+00

UNC. EXC. = 334 CY
F = 265 CY



BENCH MARKS				
NO.	STATION	DESCRIPTION	ELEV	
10	88+60	SPIKE IN 12" BOX ELDER 60'LT	761.72	
11	101+82	PT MK SE COR CONC WALK 115'LT	770.96	



NET LENGTH OF CENTERLINE		
STATION TO STATION	LIN FT.	
75+00	105+00	3,000.0

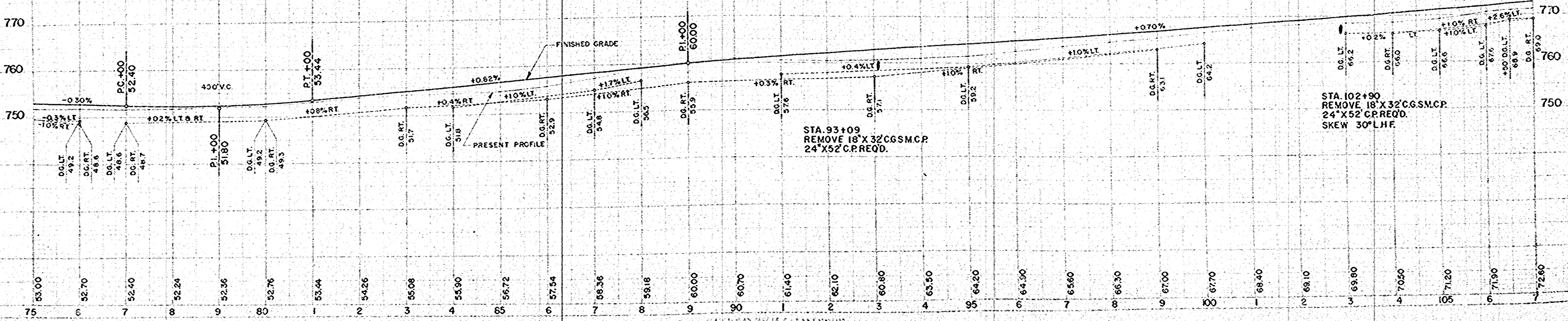
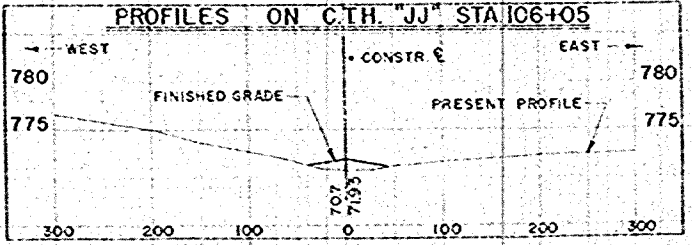
STA 83+41-PE RT
REMOVE 30'X18' STEEL BOILER
30'X 28' C.P. REQ'D.

UNC. EXC. = 1,218 CY.
F. = 975 CY.

UNC. EXC. = 234 CY.
F. = 187 CY.

UNC. EXC. = 2,488 CY.
F. = 1,908 CY.

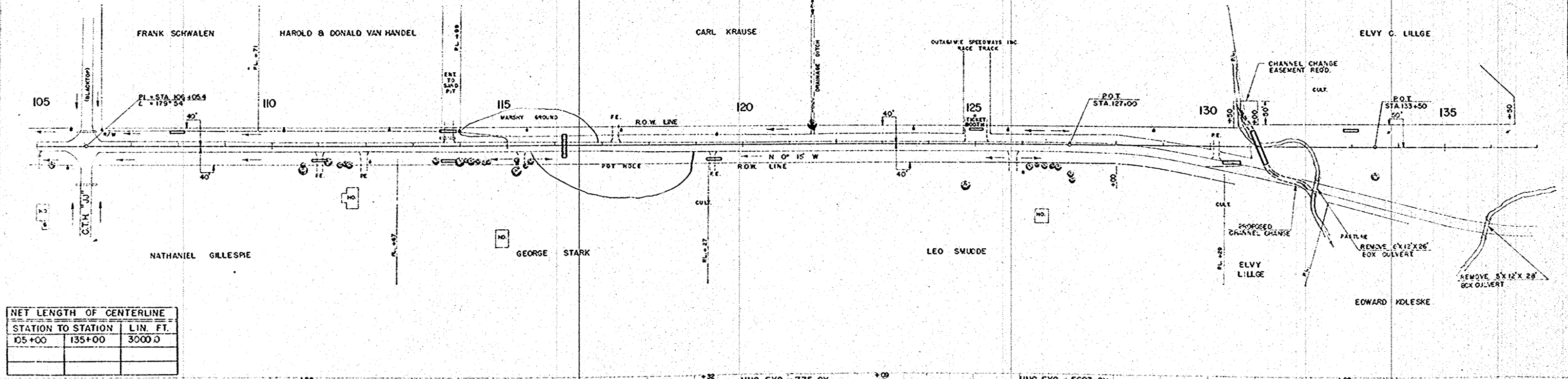
UNC. EXC. = 514 CY.
F. = 388 CY.



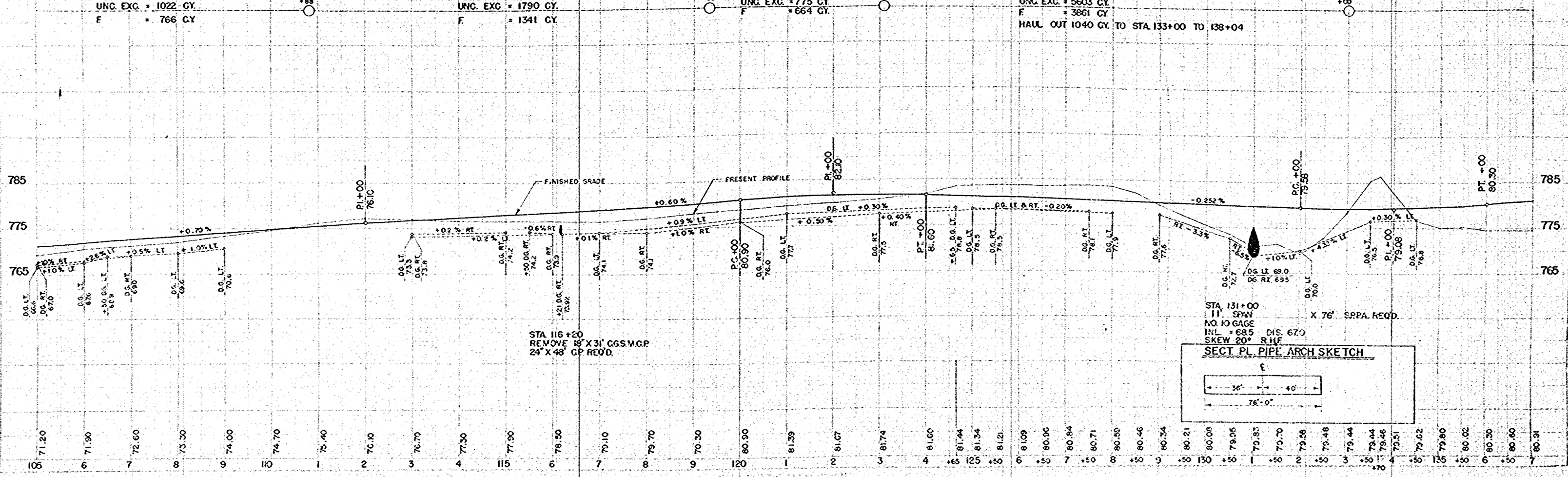
BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
12	111+54	SPIKE IN 20" POPLAR 60' RT	780.58
13	126+45	" " 16" CEDAR 75' RT	787.64

PROJECT NO. S 0324 (11) 9 63

STA 113+72 PE LT
REMOVE 28' X 32' STEEL BOILER
24' X 23' CP REQ'D.

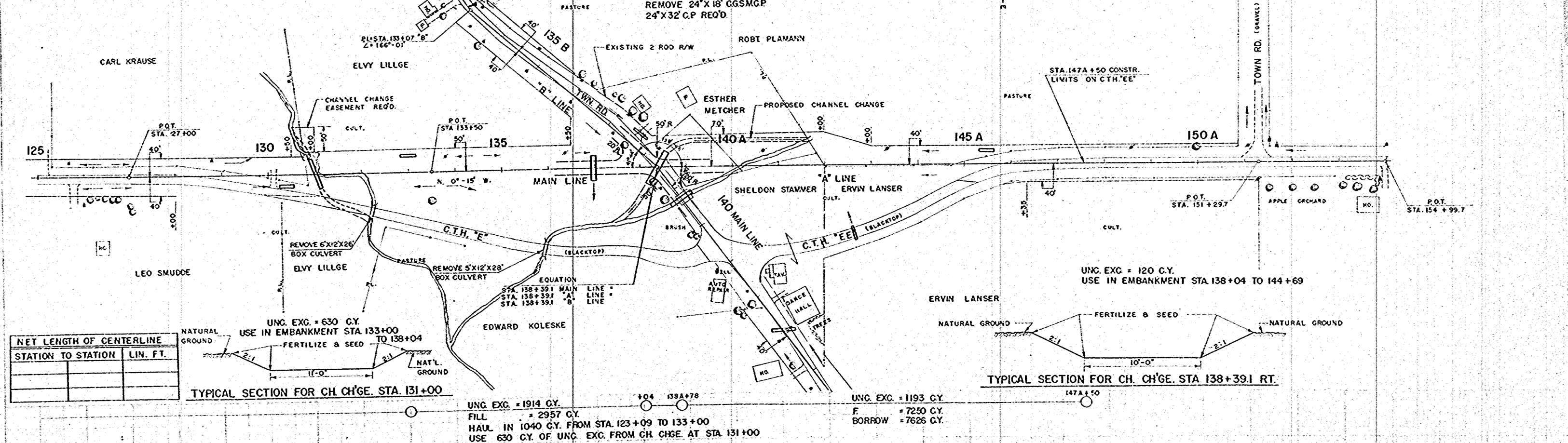


NET LENGTH OF CENTERLINE		
STATION TO STATION	LIN. FT.	
105+00	135+00	3000.0



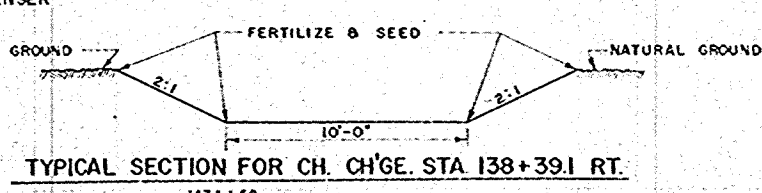
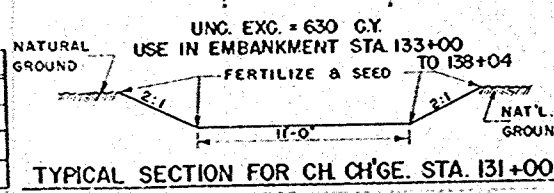
BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
13	126+45	SPIKE IN 16" CEDAR 75' RT.	787.64
14	141+54	PAINT MK.; SW. COR. BOTT. CONC. STEP OF TAVERN 54' LT.	784.67
14 A	153+88 A	SPIKE IN POWER POLE 36' RT.	846.96



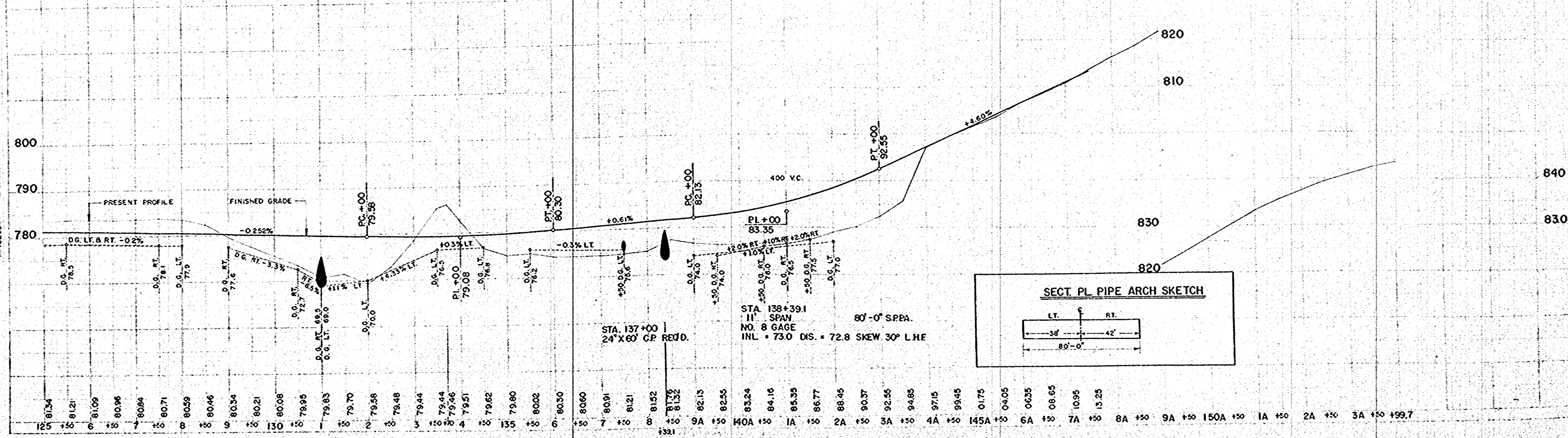
NET LENGTH OF CENTERLINE

STATION TO STATION	LIN. FT.



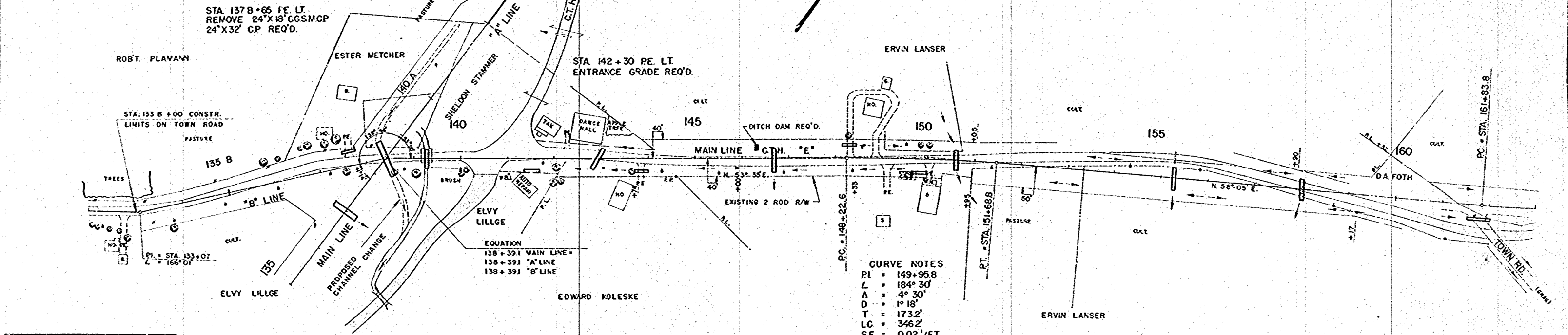
UNC. EXC. = 1914 C.Y.
 FILL = 2957 C.Y.
 HAUL IN 1040 C.Y. FROM STA. 123+09 TO 133+00
 USE 630 C.Y. OF UNC. EXC. FROM CH. CHGE. AT STA. 131+00

UNC. EXC. = 1193 C.Y.
 F = 7250 C.Y.
 BORROW = 7626 C.Y.

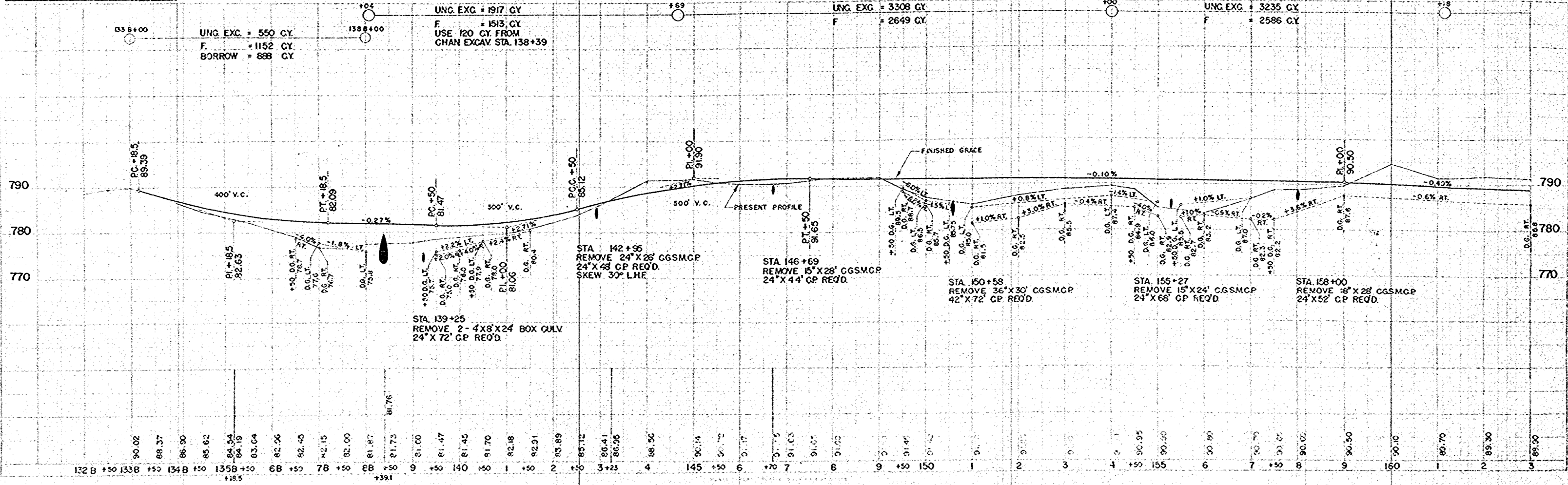


BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
14	1141+54	PT NW SW COR BOTT STEP OF TAVERN	784.67
14A	153+88A	SPIKE IN	36' RT. 846.96
15	148+35	" " 12" ELM	55' LT. 797.55
16	160+0	" " 10" "	135 LT. 795.85

PROJECT	NO. 0324(11)	SHEET NUMBER	11	TOTAL SHEETS	63
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NET LENGTH OF CENTERLINE		
STATION TO STATION	LIN. FT.	
135+00	160+00	2500.0

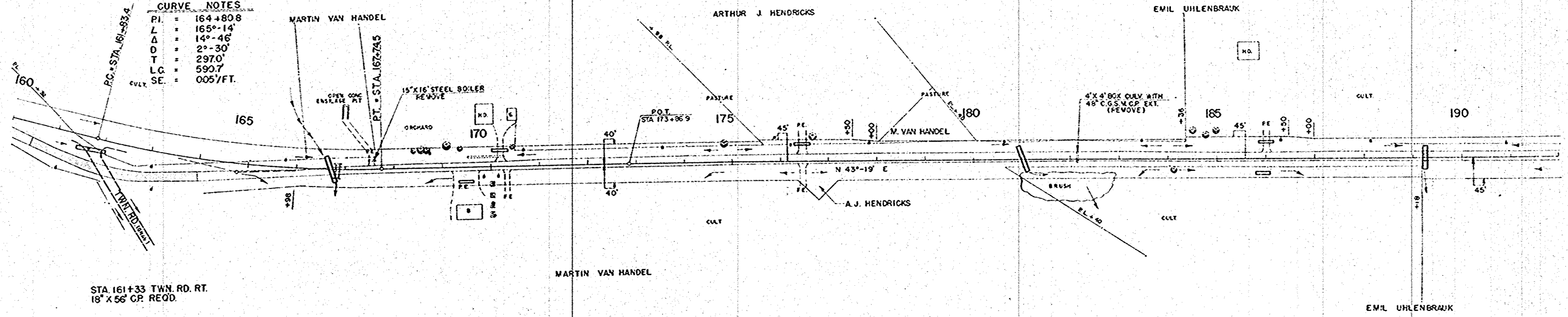


BENCH MARKS

NO	STATION	DESCRIPTION	ELEV.
16	160+10	SPIKE IN 10" ELM 135' LT.	795.85
17	169+08	" " 18" APPLE 63' LT.	794.88
18	176+66	" " 24" MAPLE 40' LT.	803.01
19	185+94	" " 18" TWIN APPLE 90' LT.	796.83

CURVE NOTES
 P.I. = 164+80.8
 L = 165'-14"
 Δ = 14°-46'
 D = 2°-30'
 T = 297.0'
 L.C. = 590.7'
 S.E. = 0057 FT.

STA. 170+20 PE LT.
 REMOVE 75' CGS.M.C.P.
 24" X 28" C.P. REQ'D.



STA. 161+33 TWN. RD. RT.
 18" X 56" C.P. REQ'D.

NET LENGTH OF CENTERLINE

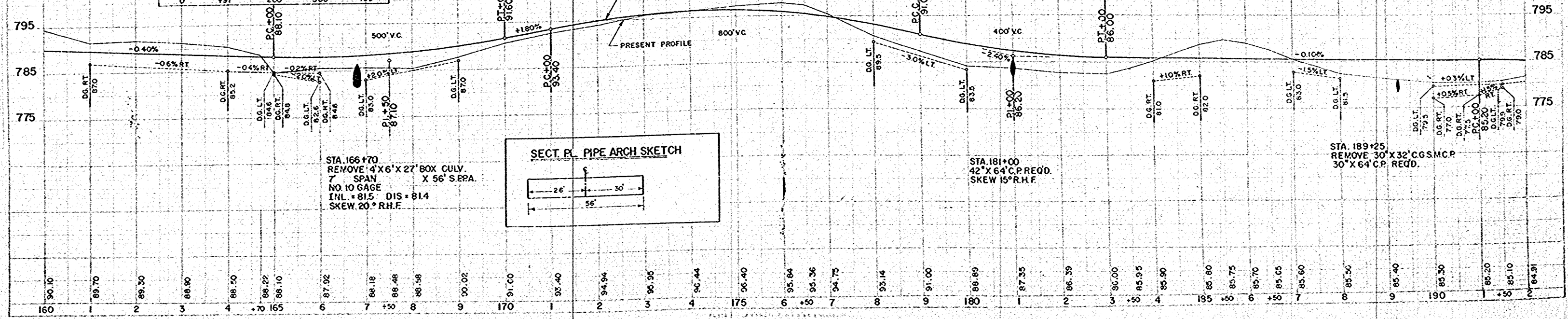
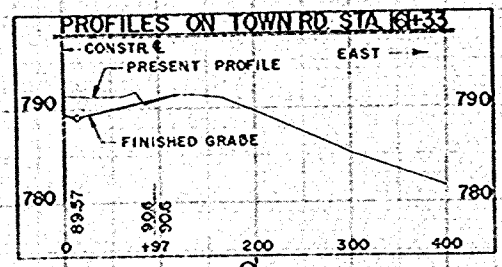
STATION TO STATION	LEN. FT.	
160+00	190+00	3,000.0

UNC. EXC. = 2,645 C.Y.
 F. = 2,081 C.Y.

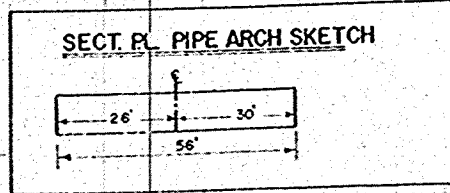
UNC. EXC. = 2,546 C.Y.
 F. = 2,034 C.Y.

UNC. EXC. = 2,564 C.Y.
 F. = 2,079 C.Y.

UNC. EXC. = 4,385 C.Y.
 F. = 3,508 C.Y.



STA. 166+70
 REMOVE 4' X 6' X 27' BOX CULV.
 7' SPAN X 56' S.E.P.A.
 NO. 10 GAGE
 INL. = 81.5' DIS = 81.4'
 SKEW 20° R.H.F.



STA. 181+00
 REMOVE 42" X 64" C.P. REQ'D.
 SKEW 15° R.H.F.

STA. 189+25
 REMOVE 30" X 32" CGS.M.C.P.
 30" X 64" C.P. REQ'D.

GWS
 J.O.W.
 J.L.B.
 10330

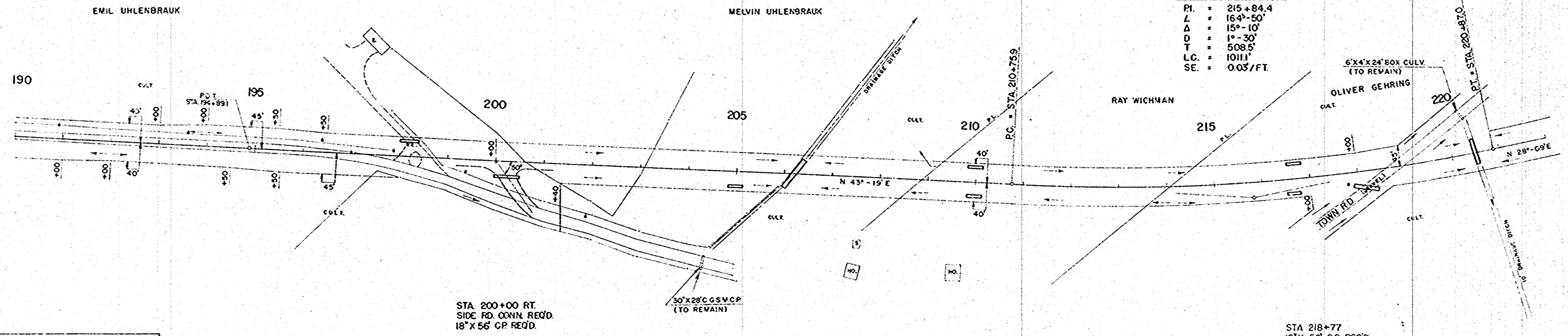
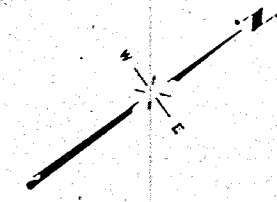
GWS
 J.O.W.
 J.L.B.
 10293

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
20	199+63	SPIKE IN 14" ELM	96° RT. 771.46
21	207+19	" " 18" " "	174° RT. 768.09

PROJECT NO. 50324(1) **13 63**

CURVE NOTES
 PI = 215+84.4
 L = 164'-50"
 Δ = 15°-10'
 D = 1°-30'
 T = 508.5'
 LC = 1011.1'
 SE = 0.03'/FT.



NET LENGTH OF CENTERLINE

STATION TO STATION	LIN. FT.	
190+00	220+00	30000

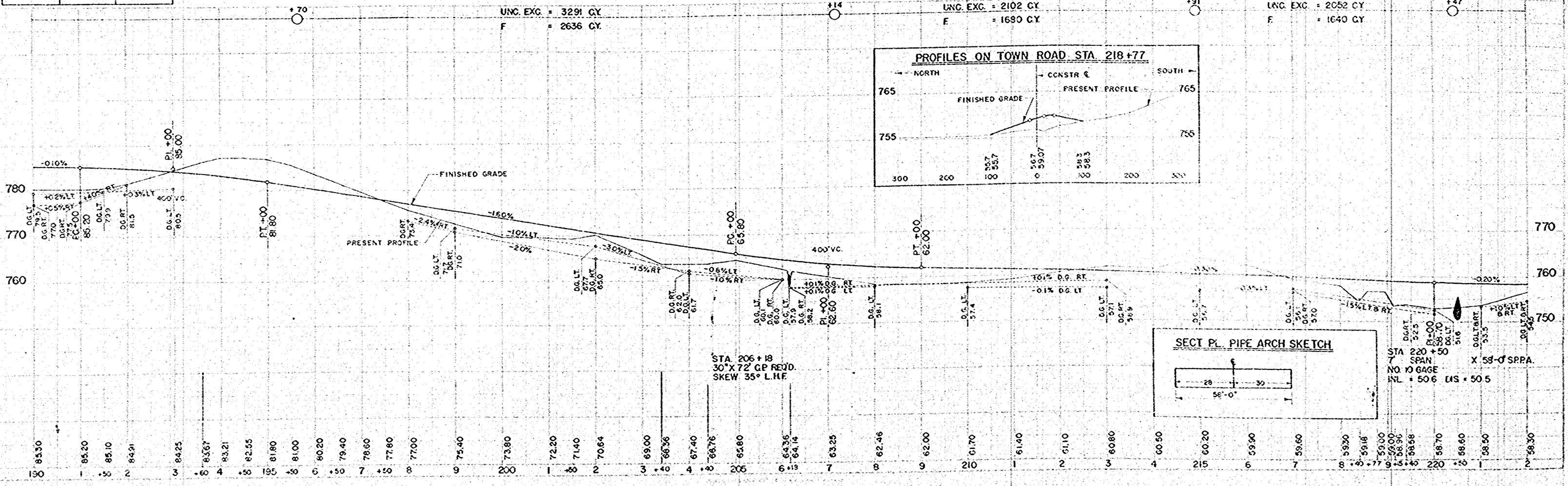
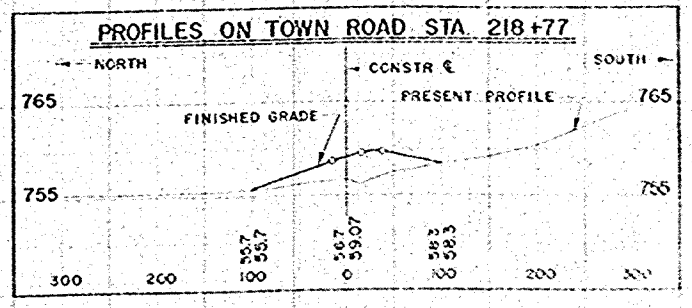
STA 200+00 RT.
 SIDE RD. CONN. REQ'D.
 18" X 56' CP REQ'D.

STA 218+77
 18" X 56' CP REQ'D.

UNC. EXC. = 3291 CY
 F = 2636 CY

UNC. EXC. = 2102 CY
 F = 1690 CY

UNC. EXC. = 2052 CY
 F = 1640 CY

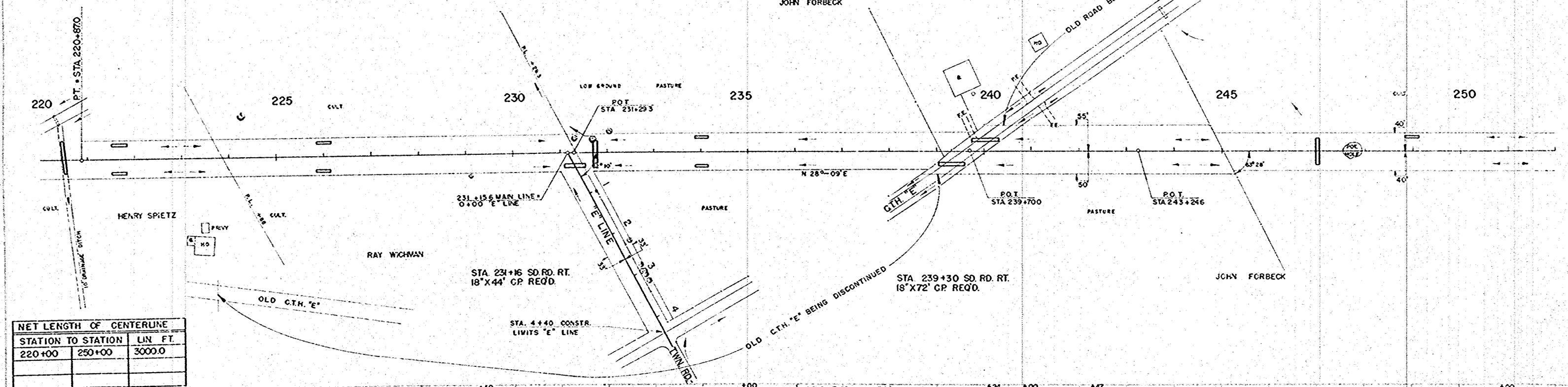


SECT PL. PIPE ARCH SKETCH

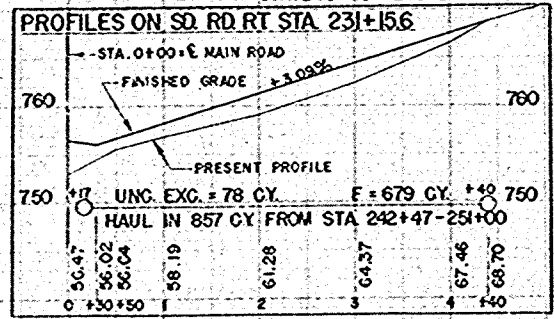
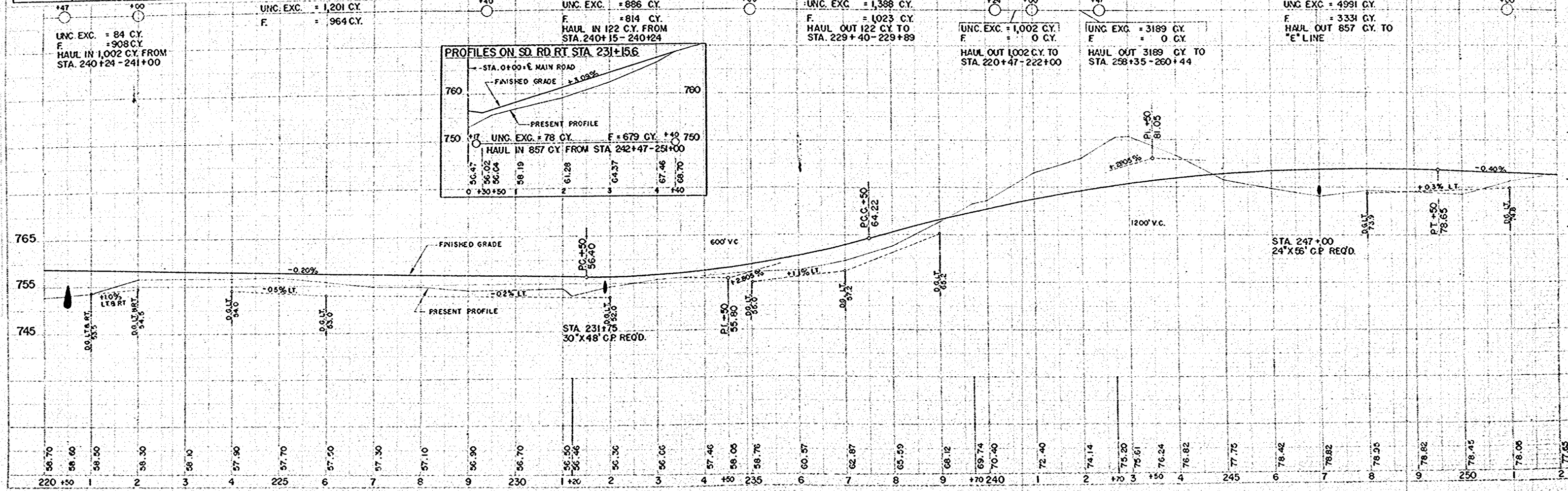
STA 220+50
 7' SPAN X 58'-0" SPRA.
 NO. 10 GAGE
 IXL = 50.6 IIS = 50.5

BENCH MARKS				
NO	STATION	DESCRIPTION		ELEV.
22	224+18	SPIKE IN 30" OAK 105' LT		755.10
23	232+15	" " 14" ASH 72' LT		753.94
24	241+76	" " 42" POPLLE 171' LT		781.25

S0324(1) 1463



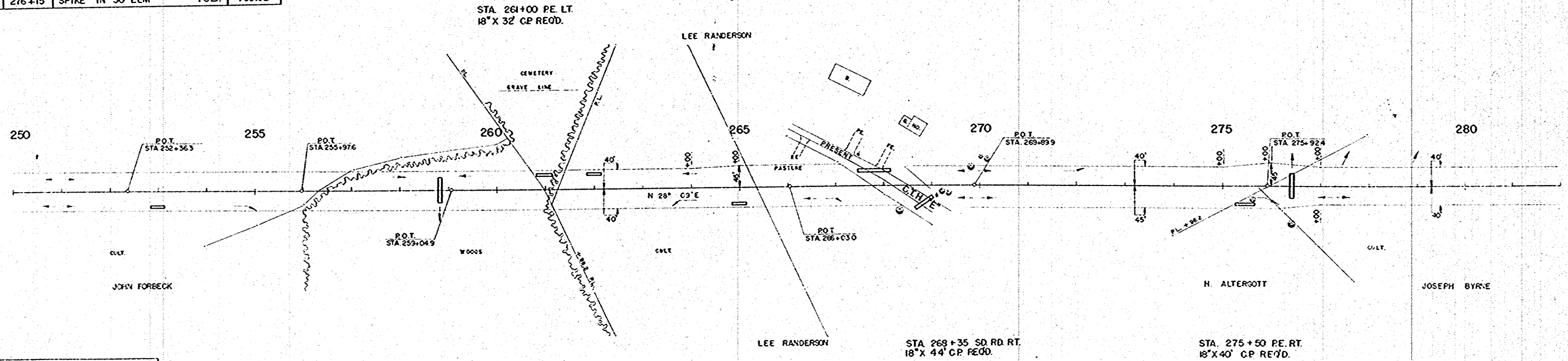
NET LENGTH OF CENTERLINE		
STATION TO STATION	LIN. FT.	
220+00	250+00	3000.0



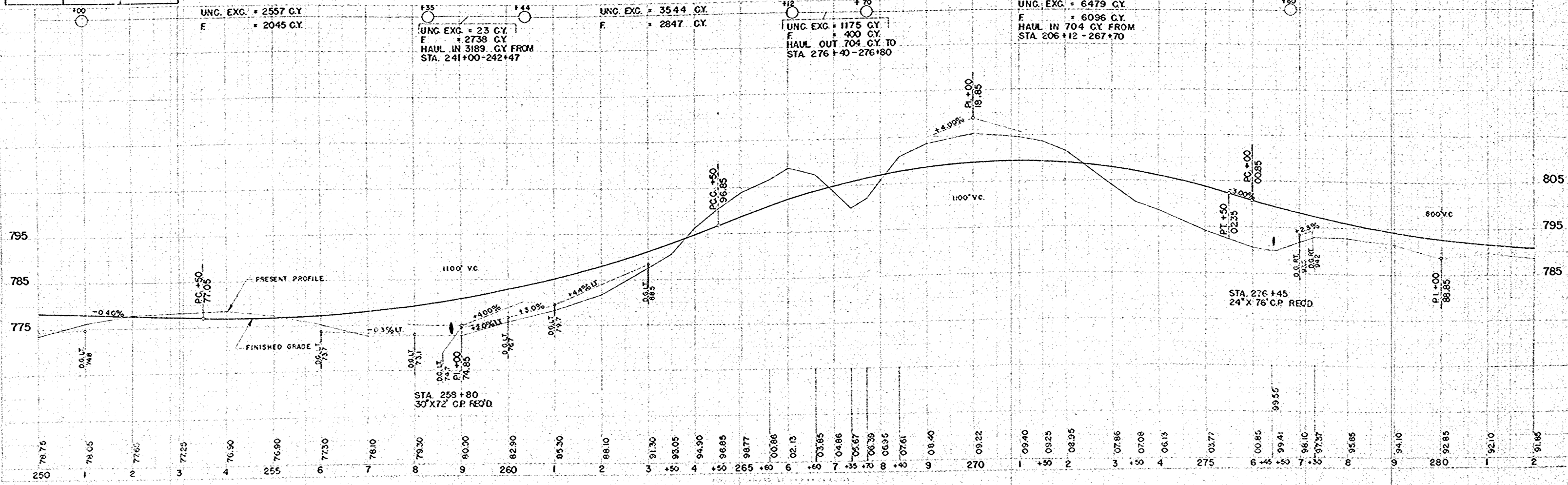
O.S. 1-35
 C.C. 4-35
 G.A. 4-35
 10330
 2-35
 3-35
 O.S. 1-35
 C.C. 4-35
 G.A. 4-35
 10330
 2-35
 3-35
 O.S. 1-35
 C.C. 4-35
 G.A. 4-35
 10330
 2-35
 3-35

BENCH MARKS				
NO	STATION	DESCRIPTION		ELEV.
25	255+64	SPIKE IN 14" ASH	230' LT	771.63
26	260+83	" " 18" PINE	96' LT	785.44
27	267+85	PT. MK. SE COR. CONC. HOUSE	135' LT	812.26
28	276+15	SPIKE IN 30" ELM	78' LT	796.32

4 S 0324 (1) 15 63



NET LENGTH OF CENTERLINE		
STATION TO STATION	LIN. FT.	
250+00	280+00	30000



UNC. EXC. = 2557 CY
F = 2045 CY

UNC. EXC. = 23 CY
F = 2738 CY
HAUL IN 3189 CY FROM
STA. 241+00-242+47

UNC. EXC. = 3544 CY
F = 2847 CY

UNC. EXC. = 1175 CY
F = 400 CY
HAUL OUT 704 CY TO
STA. 276+40-276+80

UNC. EXC. = 6479 CY
F = 6096 CY
HAUL IN 704 CY FROM
STA. 206+12-267+70

STA. 258+80
30' X 72' CP REQ'D

STA. 276+45
24' X 76' CP REQ'D

STA. 268+35 SO. RD. RT.
18" X 44' CP REQ'D.

STA. 275+50 PE. RT.
18" X 40' CP REQ'D.

STA. 268+35 SO. RD. LT.
18" X 76' CP REQ'D.

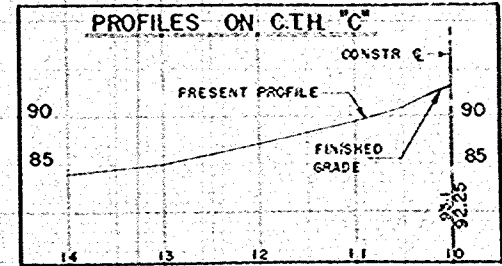
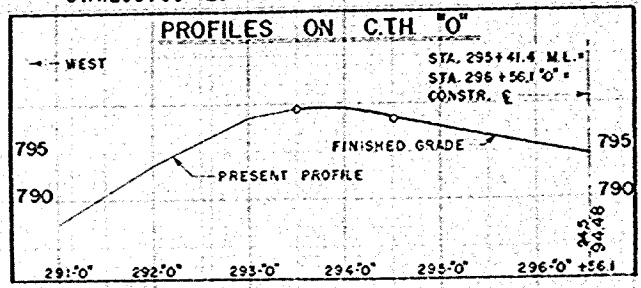
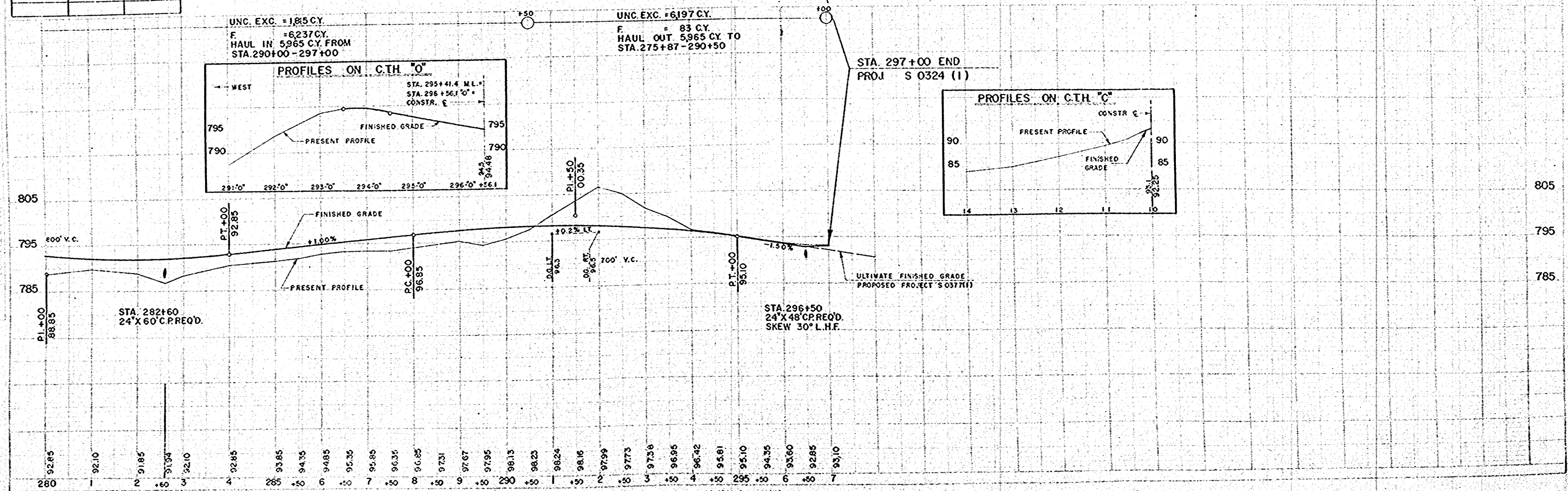
STA. 264+00 PE. LT.
18" X 32' CP REQ'D.

BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
29	289+51	SPIKE IN 16' LT	784.61
30	296+12	20" MAPLE 100' LT	797.64

CURVE NOTES

PI.	= 290+81.4
L	= 242.05
Δ	= 62° 05'
D	= 6'-00"
T	= 547.7'
L.C.	= 1034.7'
S.E.	= 0.065 V/FT

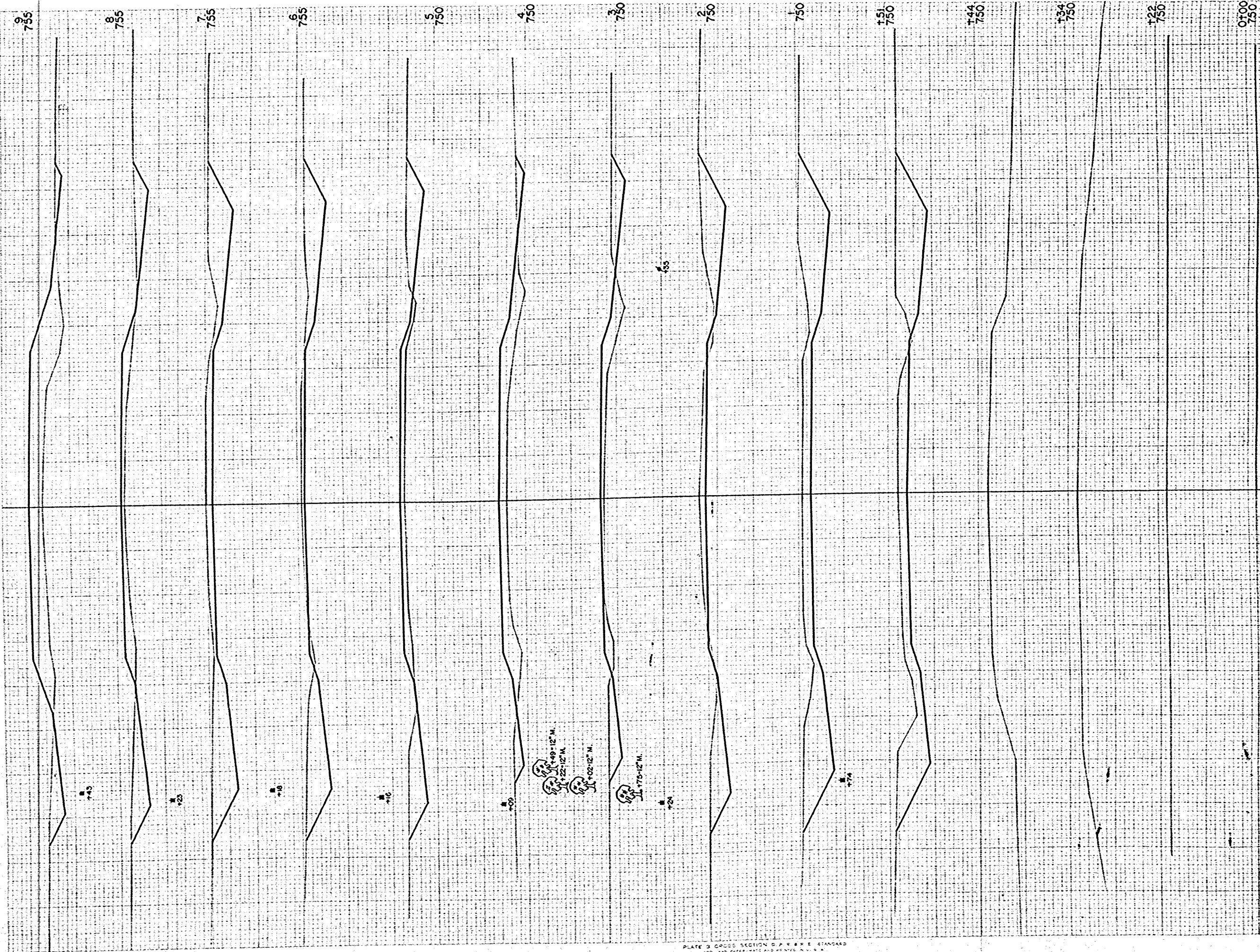
NET LENGTH OF CENTERLINE		
STATION TO STATION	LIN. FT	
280+00	297+00	1,700.0



10330
 10293
 255
 250
 245
 240
 235
 230
 225
 220
 215
 210
 205
 200
 195
 190
 185
 180
 175
 170
 165
 160
 155
 150
 145
 140
 135
 130
 125
 120
 115
 110
 105
 100
 95
 90
 85
 80
 75
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 65
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 45
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 35
 30
 25
 20
 15
 10
 5
 0
 -5
 -10
 -15
 -20
 -25
 -30
 -35
 -40
 -45
 -50
 -55
 -60
 -65
 -70
 -75
 -80
 -85
 -90
 -95
 -100

MAIN LINE

SEAL DISTRICT OFFICE	PROJECT	SHEET NO. OF SHEETS	TOTAL SHEETS
WIS. 4	S 0324 (I)	23	63



STATION	DISTANCE	YARDAGE		
		UNCL.	EXCAVATION	FILL
0		0		
+22		0		
+34		0		
+44		0		
+51	14			
1	213			0
2	346			4
3	165			56
4	59			150
5	83			143
6	204			46
7	311			2
8	233			50
9	87			220
SHEET TOTAL		1,715		671

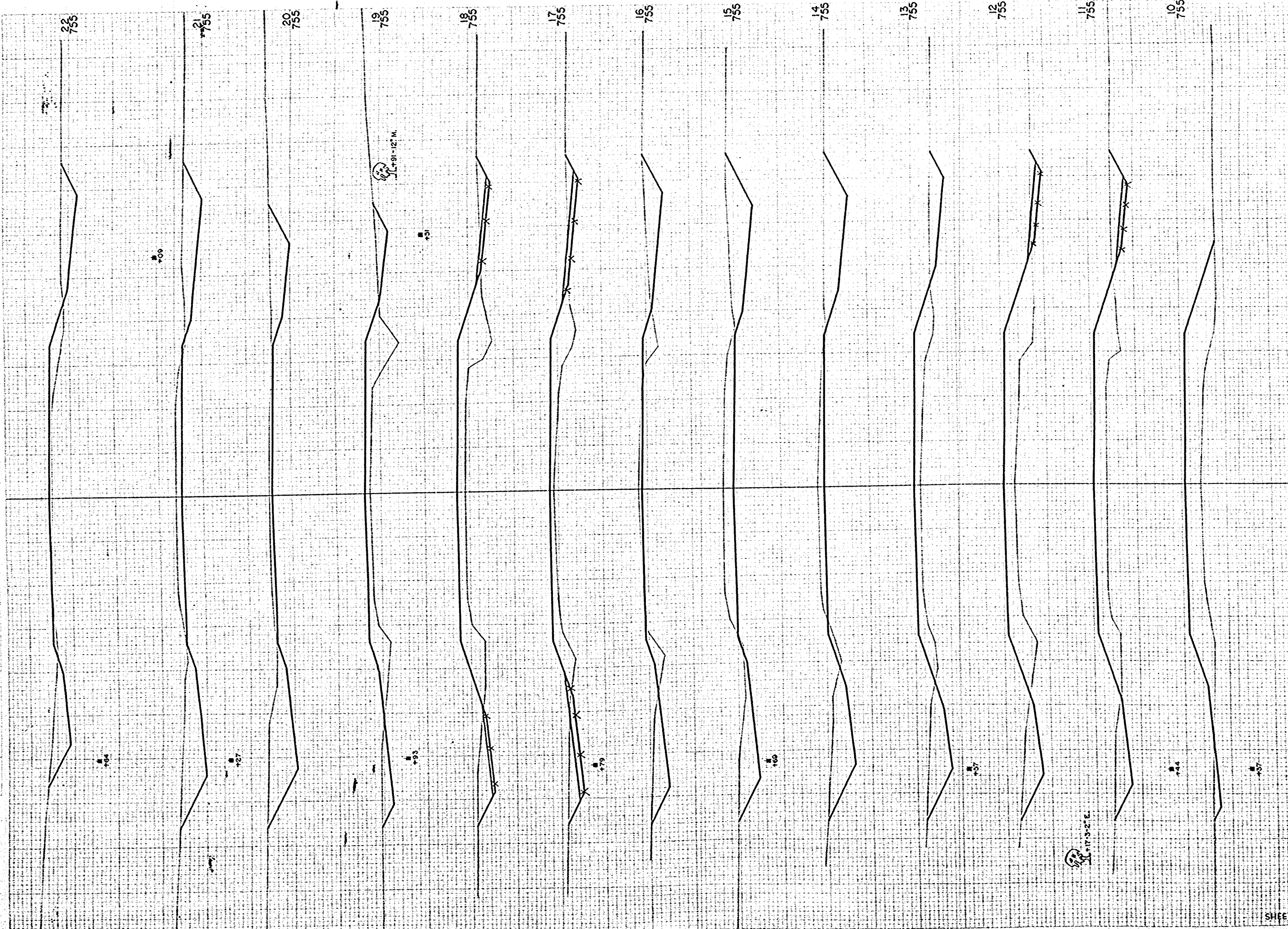
FINAL
SURVEY
NO. 10331

10331

SURVEY
NO. 10331

MAIN LINE

PAR. DISTRICT	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S 0324 (1)	21	63



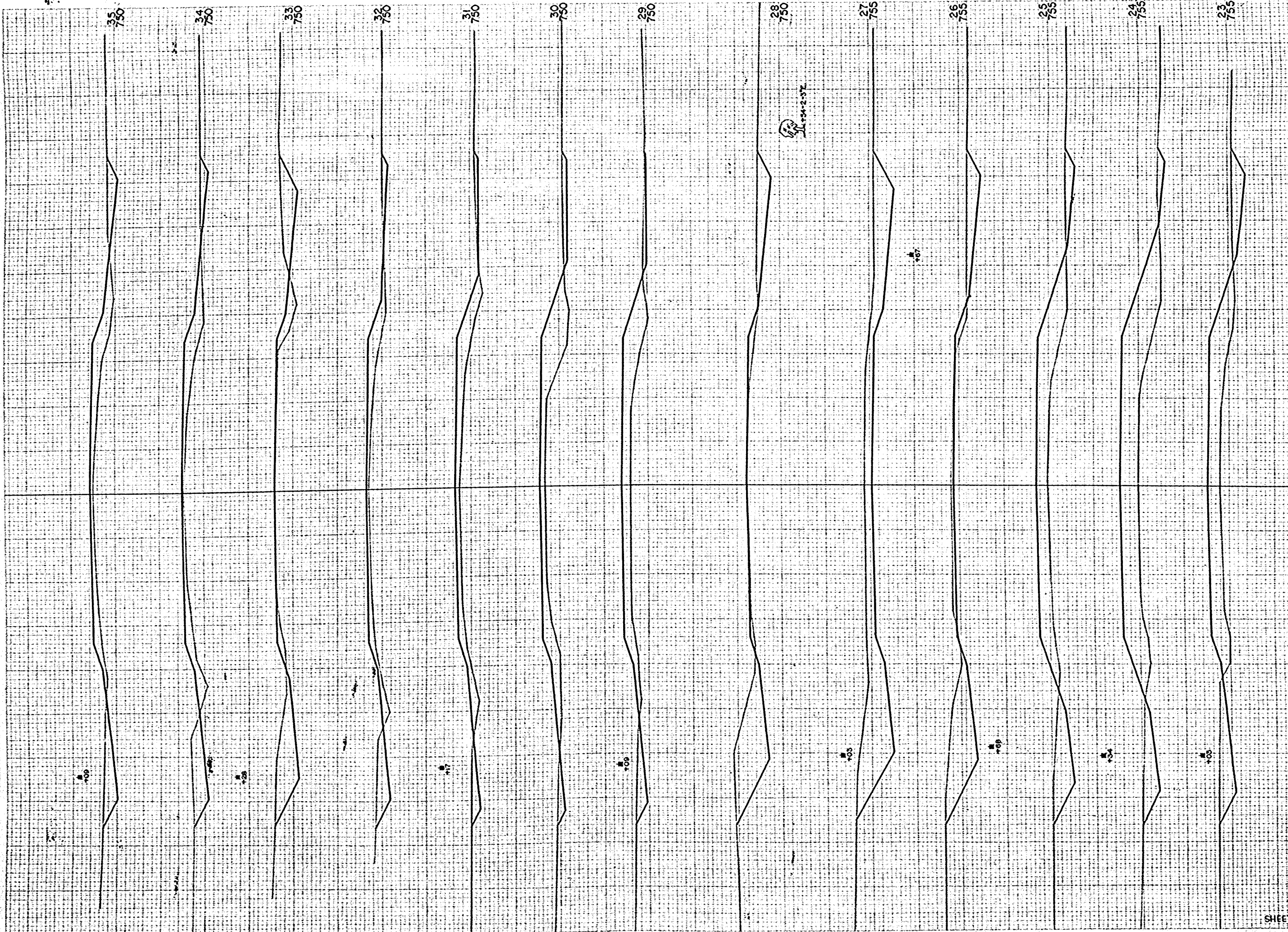
STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
9			
	43		354
10			
	74		309
11		III	276
12			
	130		228
13		228	83
14		322	6
15		252	22
16		126	102
17		89	204
18		78	220
19		169	96
20		283	0
21		215	28
22			
SHEET TOTAL		2,120	1,928

FINAL SURVEY PLATTS
NOTE: THIS PLATTS
NO. 10331

DATE: 11-1-21
BY: J. J. J.
CHECKED: R. O. M.
NO. 10331

MAIN LINE

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S 0324 (1)	2563	



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
		UNC.	
22		122	157
23		93	339
24		87	343
25		161	137
26		311	4
27		307	11
28		126	111
29		37	202
30		31	176
31		46	128
32		109	72
33		117	81
34		76	128
35			
SHEET TOTAL		1,623	1,889

FINAL SURVEY CHECKED BY: [Signature]

ADDITIONAL SURVEY DATA: [Handwritten notes]

MAIN LINE

R.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS 4	S 0324 (1)	26	63

FINAL SURVEY
 SURVEYOR'S OFFICE
 NOTE BOOK
 NO. 10331

ORIGINAL SURVEY
 SURVEYOR'S OFFICE
 NOTE BOOK
 NO. 10331



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
35			
36	117		89
37	174		30
38	163		44
39	104		111
40	61		157
41	72		137
42	104		94
43	119		65
44	163		44
45	189		70
46	172		93
47	176		96
48	169		122
SHEET TOTAL		1,803	1,152

PLATE 3 CROSS SECTION IN P. R. & E. STANDARD
 1901 AND PAPER MADE AND PRINTED IN U. S. A.
 EUGENE DETZGEN CO.

MAIN LINE
 B.P.A. DISTRICT OFFICE PROJECT SHEET NUMBER TOTAL SHEETS
 WIS. 4 S 0324 (II) 27 63

FINAL SURVEY
 PLANNED
 NOTE BOOK
 MAP
 CHECKED

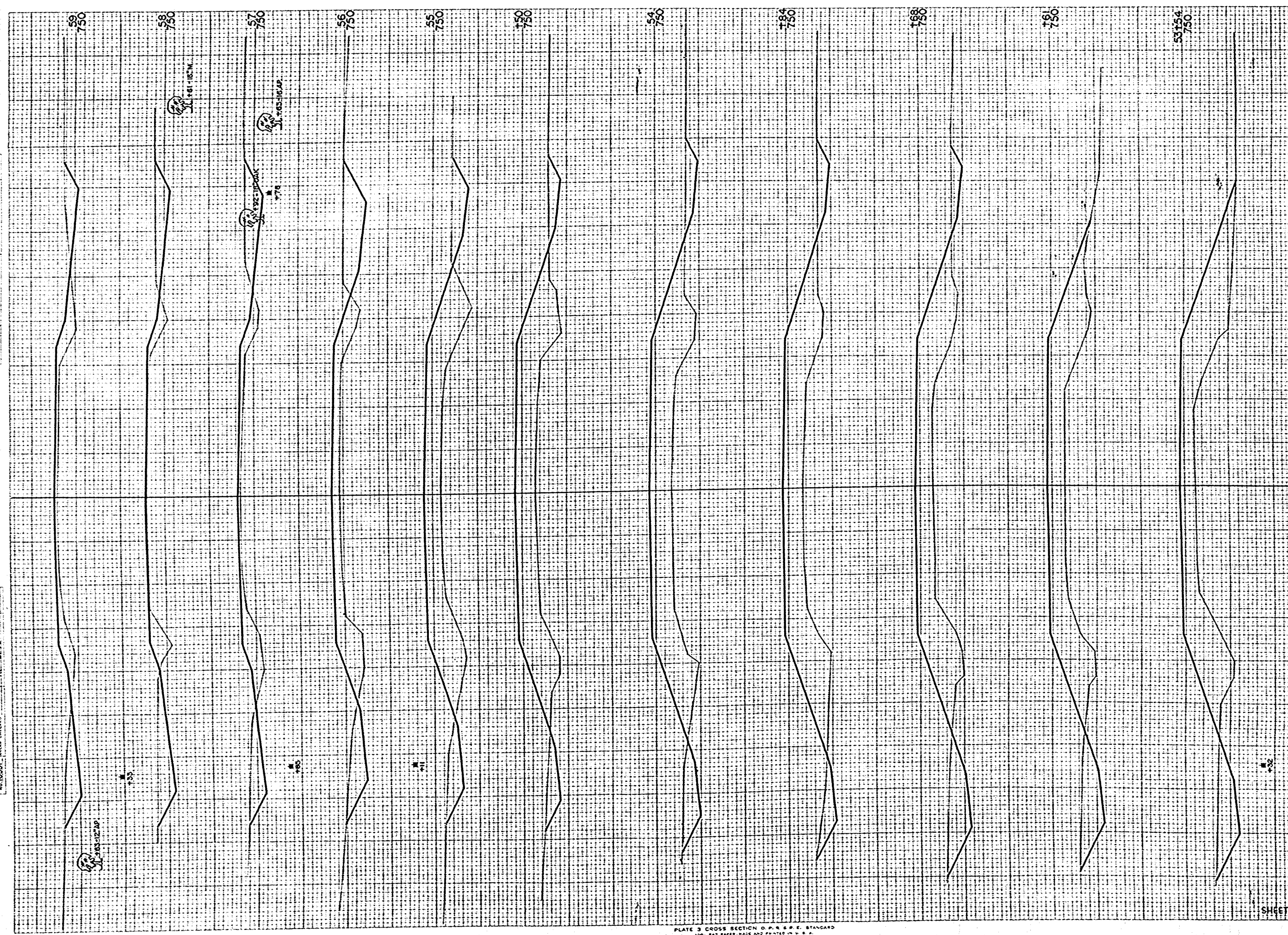
ORIGINAL SURVEY
 PLANNED
 NOTE BOOK
 MAP
 CHECKED



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
48			
49	211		193
50	152		319
51	72		515
52	37		313
+50	39		330
53	43		350
+50	46		333
53	11		76
+13	2		17
+16	6		33
+22			
SHEET TOTAL		619	2479

FINAL SURVEY PLANNING
 SURVEY PLANNING
 NOTE BOOK
 NO. 10331

ORIGINAL SURVEY PLANNING
 SURVEY PLANNING
 NOTE BOOK
 NO. 10331



MAIN LINE			
B.P.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
W.S. 4	S 0324 (1)	28	63

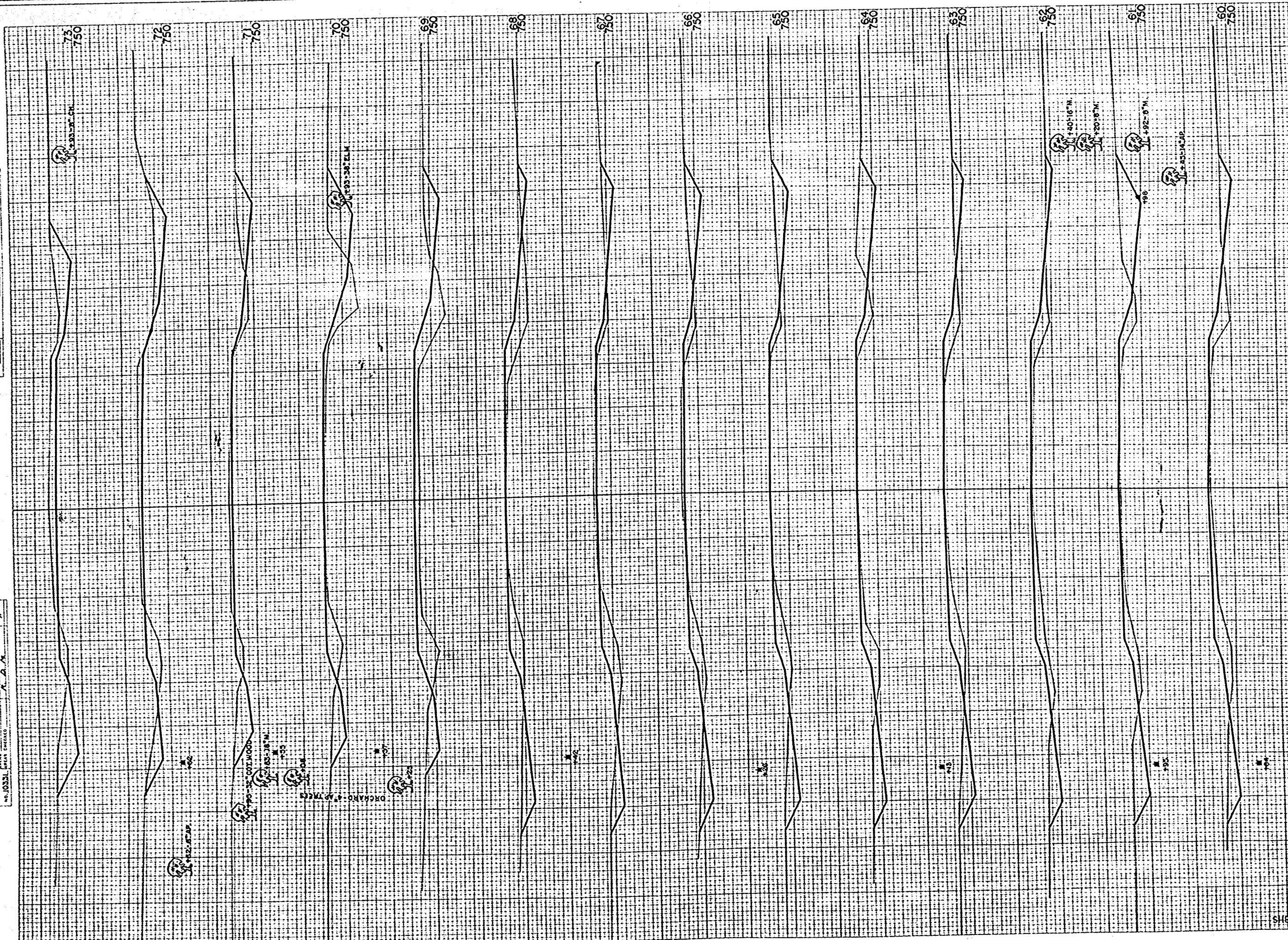
STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
53			
+22	9		32
+28			
+48		BRIDGE	
+54	6		35
+61	7		37
+66	7		35
+60	17		83
+84	15		69
54	41		267
+50	43		469
55	130		320
56	143		163
57	126		69
58	111		65
59			
SHEET TOTAL		653	1702

MAIN LINE

SPR. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S 0324 (1)	20	63

ORIGINAL SURVEY BOOK NO. 10331
 SURVEYED BY [Signature]
 CHECKED BY [Signature]
 DATE [Date]

ORIGINAL SURVEY BOOK NO. 10331
 SURVEYED BY [Signature]
 CHECKED BY [Signature]
 DATE [Date]

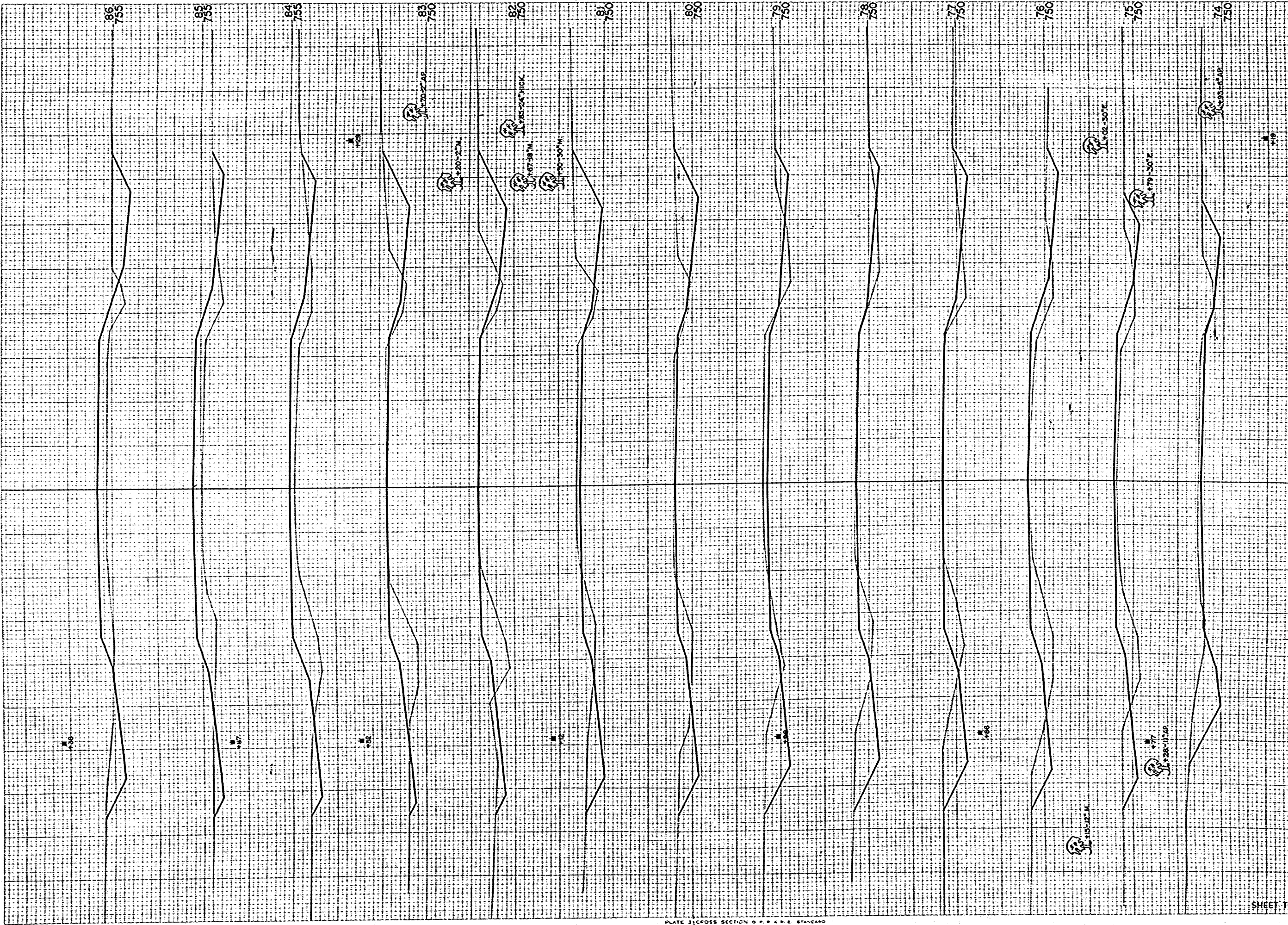


STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
59			
60	78		139
61	100		106
62	93		87
63	61		94
64	93		72
65	107		57
66	102		59
67	93		65
68	57		94
69	61		126
70	102		119
71	124		57
72	150		31
73	169		24
SHEET TOTAL		1370	1130

ORIGINAL SURVEY PHOTO
 DATE BOOK SERIAL AREA
 NO. 10331 AREA CHICAGO

ORIGINAL SURVEY PHOTO
 DATE BOOK SERIAL AREA
 NO. 10331 AREA CHICAGO

MAIN LINE			
OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S 0324 (II)	30	63



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
		UNCL.	
73			6
74	194		70
75	126		137
76	80		104
77	100		69
78	122		54
79	156		43
80	183		41
81	204		72
82	180		111
83	119		163
84	80		217
85	54		204
86	96		
SHEET TOTAL	1696		1291

MAIN LINE

SUP. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS 4	S 0324 (1)	31	63

FINAL SURVEY DRAWING
 NOT FOR CONSTRUCTION
 AREA ENCLOSED

ORIGINAL SURVEY DRAWING
 NOT FOR CONSTRUCTION
 AREA ENCLOSED



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
86	181		135
87	281		44
88	424		0
89	476		7
90	344		24
91	169		128
92	76		261
93	69		326
94	115		328
95	135		278
96	141		220
97	148		167
98	141		150
99			
SHEET TOTAL		2,700	2,048

FINAL SURVEY
 ADJUSTED
 NOTE BOOK
 NO. 10233

ORIGINAL SURVEY
 ADJUSTED
 NOTE BOOK
 NO. 10233

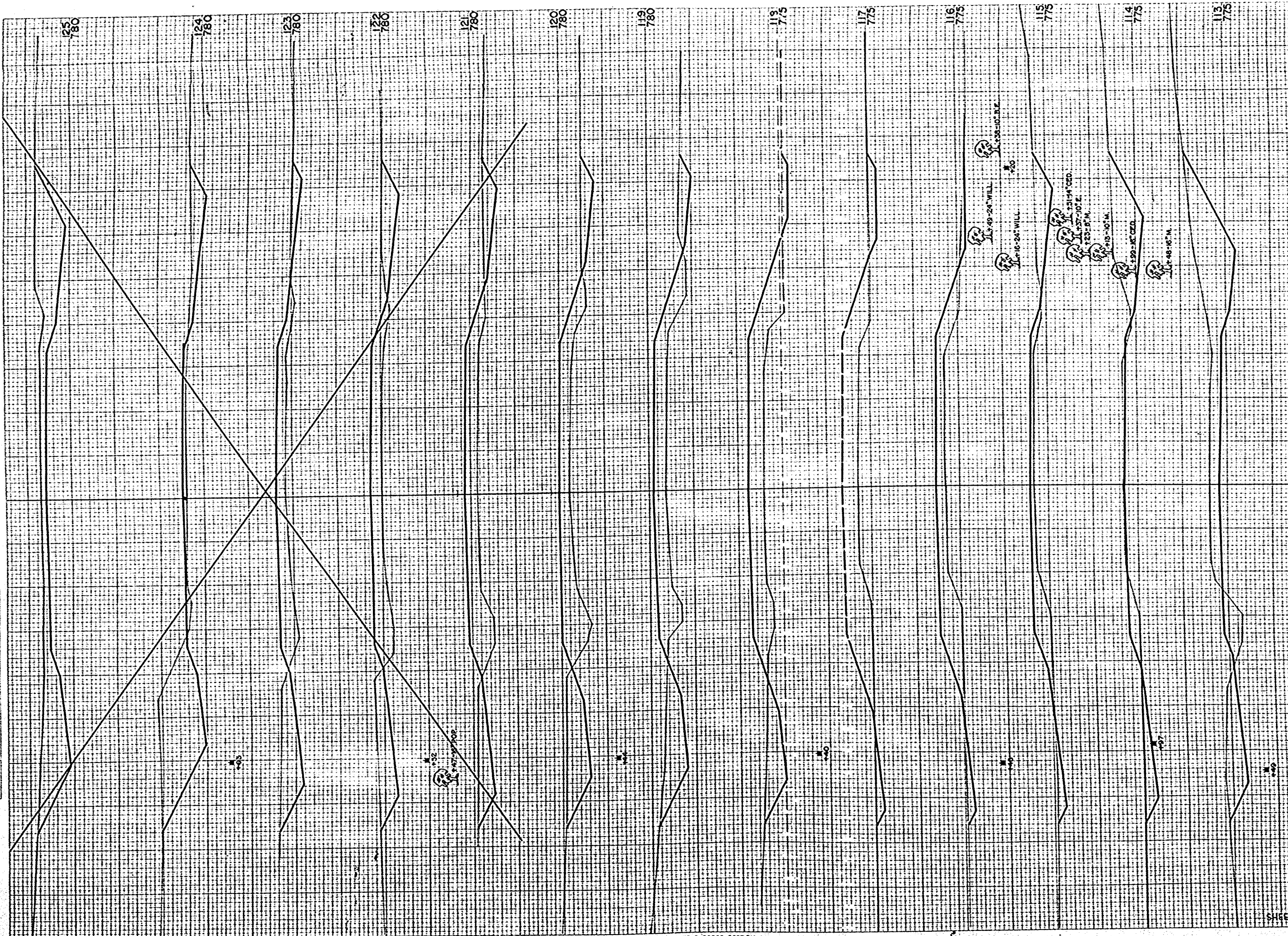
B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S 0324 (I)	32	63



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
99			
100	141		60
101	137		37
102	137		26
103	76		61
104	28		200
105	61		236
106	43		126
107	46		78
108	119		150
109	161		104
110	252		39
111	381		20
112	450		20
SHEET TOTAL		2,032	1,176

FINAL SURVEY PLOTTING
 DATE BOOK
 NO.

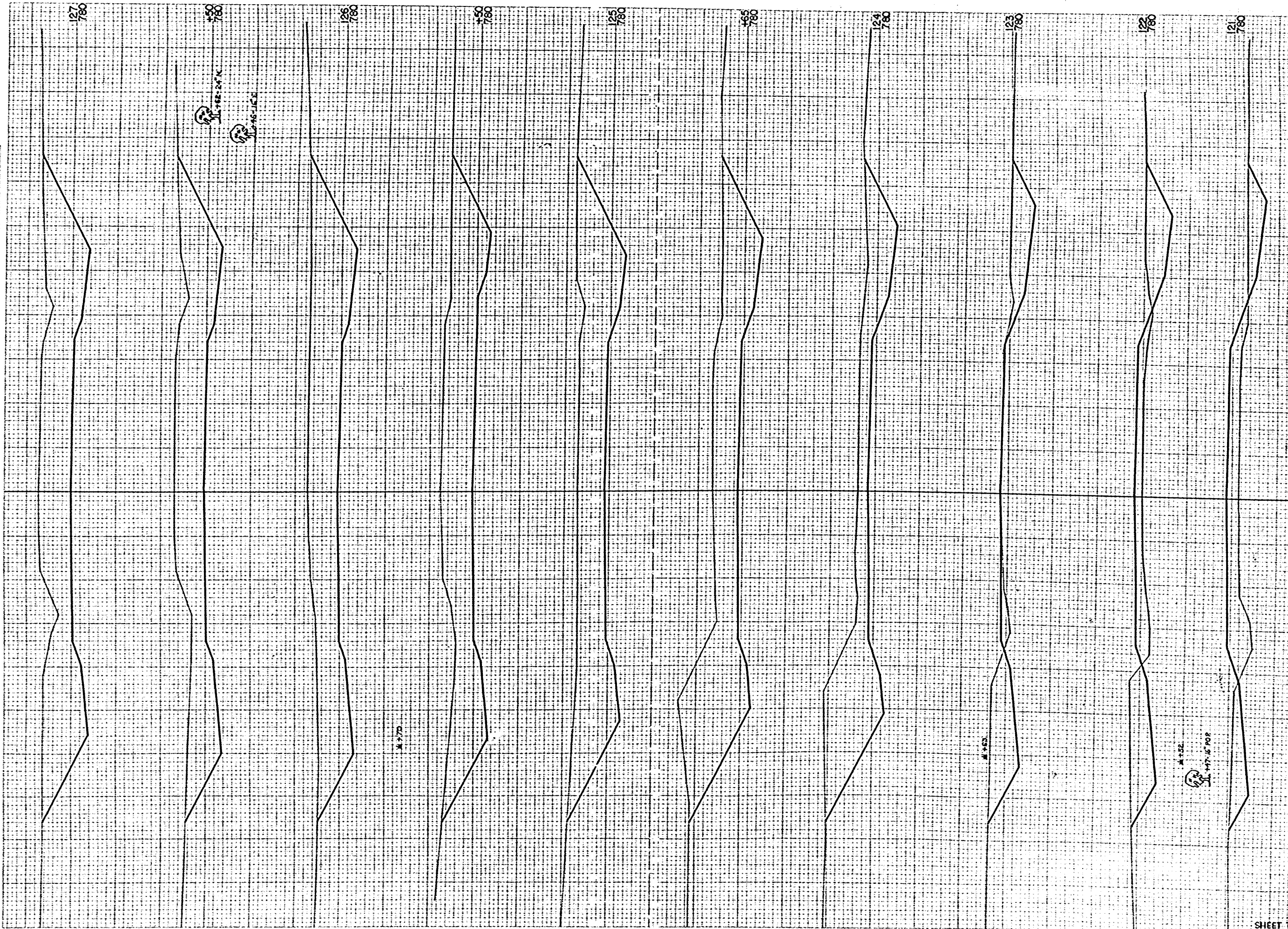
ORIGINAL SURVEY PLOTTING
 DATE BOOK
 NO. 0331



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
112		UNC.	
		450	30
113		328	37
114		156	70
115		63	176
116		43	300
117		78	339
118		126	287
119		156	250
120		191	248
121		143	230
122		132	200
123		235	120
124		387	24
125			
SHEET TOTAL		1,400	1,489

FINAL SURVEY
 DRAWING NO. 10312
 DATE 5-30-33

ORIGINAL SURVEY
 DRAWING NO. 10312
 DATE 5-30-33



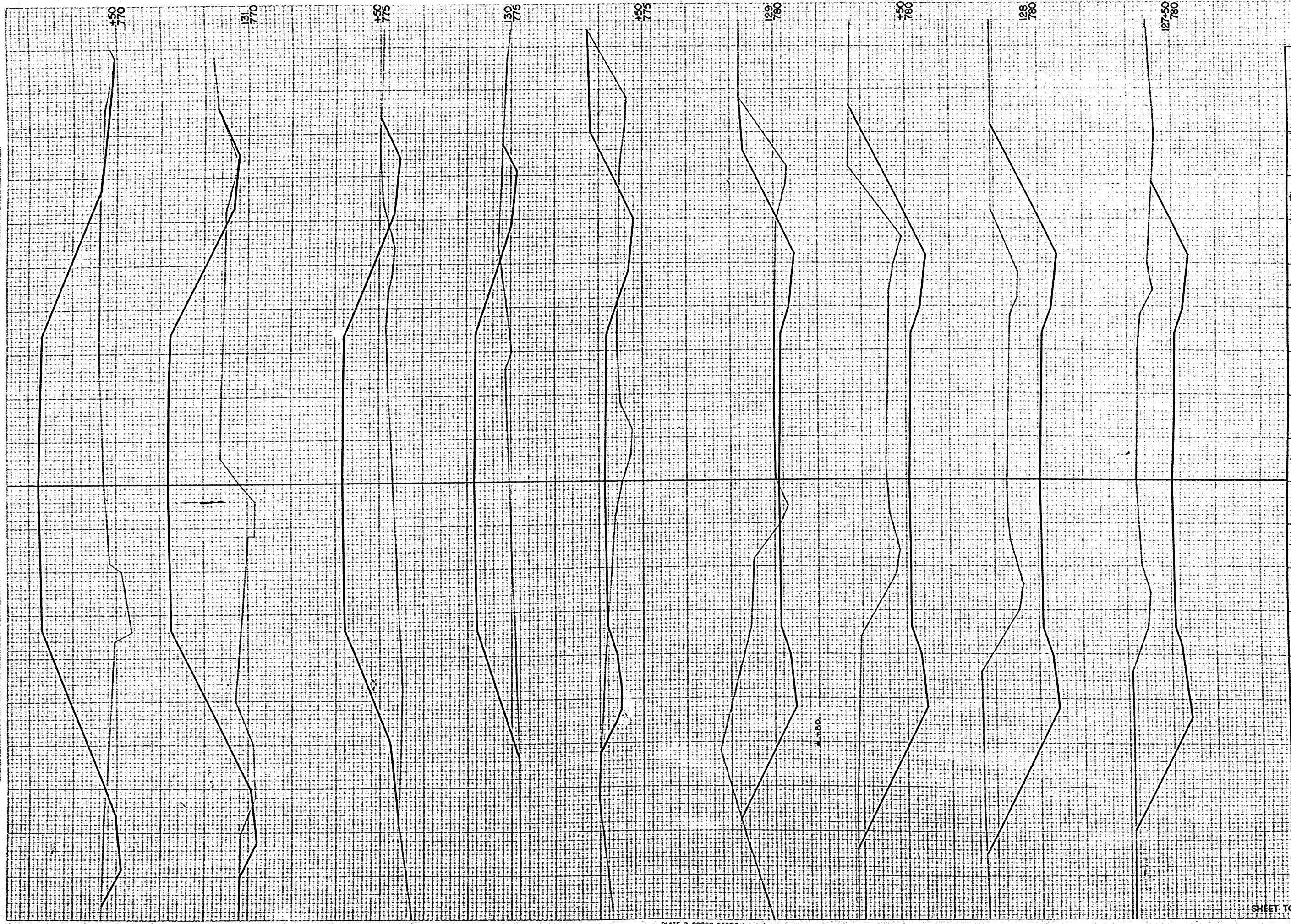
MAIN LINE			
BPA DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S 0324(1)	34	63

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
120		157	233
121		202	180
122		267	80
123		476	11
124		535	0
165		335	0
125		456	0
150		452	0
126		439	0
150		444	0
127			
SHEET TOTAL		3763	504

FINAL SURVEY
 SURVEYOR
 DATE
 NO. 10243

ORIGINAL SURVEY
 SURVEYOR
 DATE
 NO. 10243

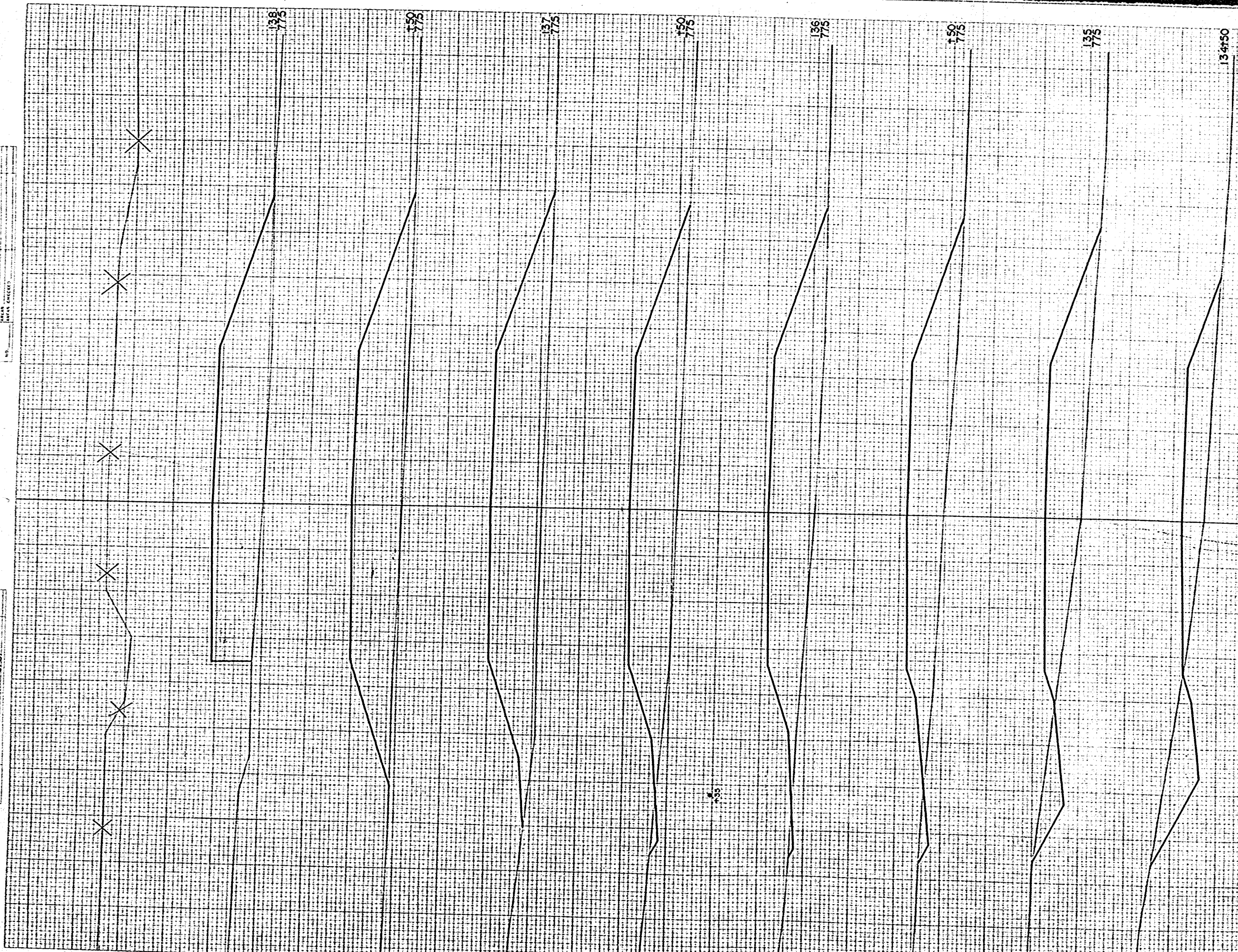
MAIN LINE			
B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S 0324(1)	35	63



STATION	DISTANCE	YARDAGE		
		EXCAVATION		
		UNCL.		FILL
127		500		0
+50		580		0
128		580		0
+50		420		31
129		191		120
+50		44		259
130		28		426
+50		28		591
131		31		704
+50				
SHEET TOTAL		2402		2131

FINAL SURVEY
 DATE: _____
 NO. 10293

ORIGINAL SURVEY
 DATE: 3-23-35
 NO. 10293

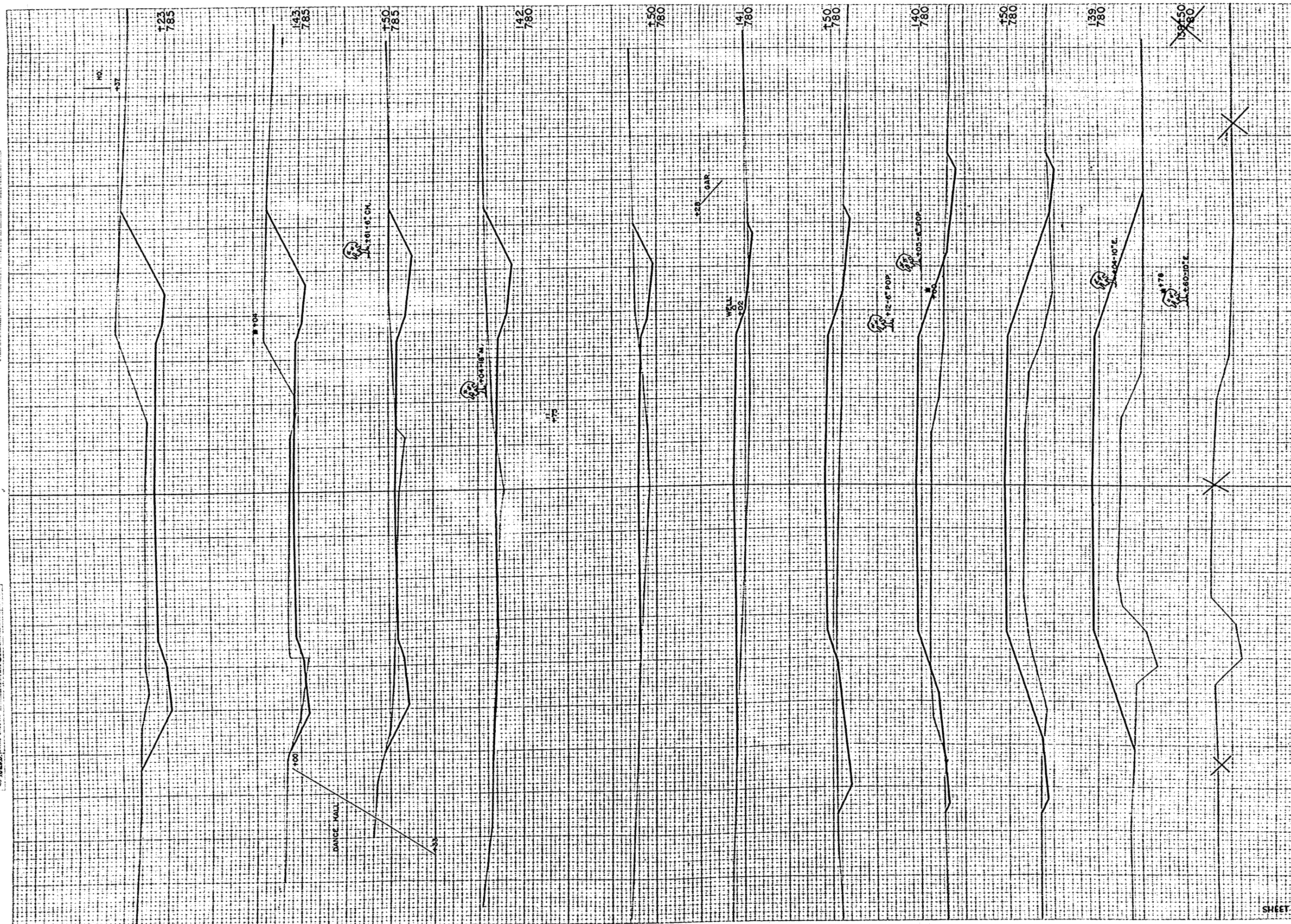


MAIN LINE			
OFF. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S 0324 (1)	37	63

STATION	DISTANCE	YARDAGE		
		EXCAVATION		FILL
		UNC.		
134		404		76
+50		57		219
135		22		322
+50		6		396
136		4		444
+50		2		491
137		0		504
+50		0		461
138				

FINAL SURVEY
 DATE: 10/29/23
 BY: [Signature]
 CHECKED: [Signature]

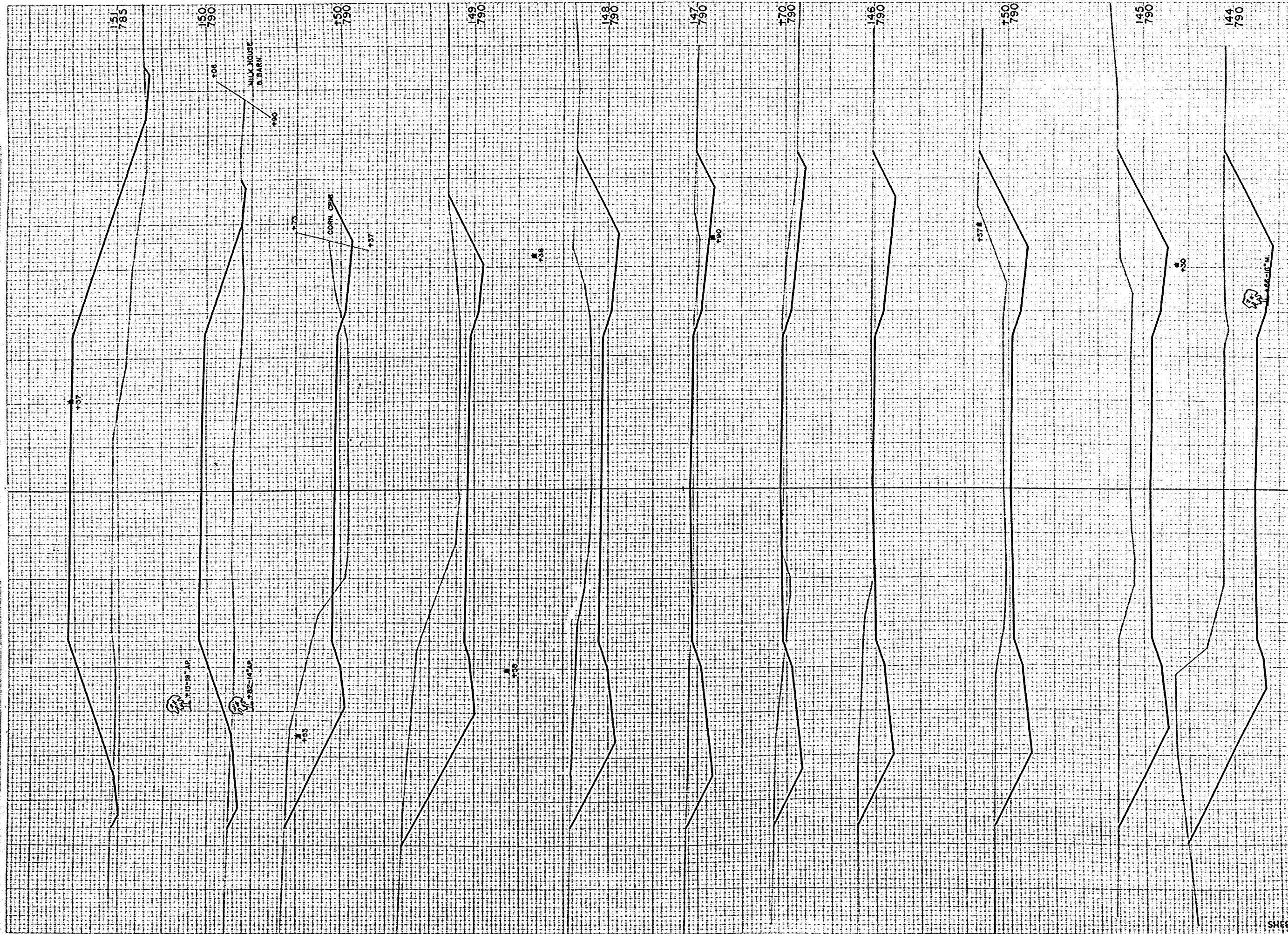
ORIGINAL SURVEY
 DATE: 3-33
 BY: [Signature]
 CHECKED: [Signature]



MAIL LNE				
RAIL DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS	
WIS. 4	S 0324 (II)	38	63	
STATION	DISTANCE	YARDAGE		
		UNC.	EXCAVATION	FILL
138		0		820
139		0		124
116		BRIDGE		BRIDGE
139		2		54
150		19		196
140		33		124
150		19		104
141		19		74
150		54		28
142		80		13
150		115		7
143		91		2
123				
SHEET TOTAL		432		1,546

FINAL SURVEY
 SURVEYED BY
 DATE
 CHECKED BY
 NO. 10223

ORIGINAL SURVEY
 SURVEYED BY
 DATE
 CHECKED BY
 NO. 10223

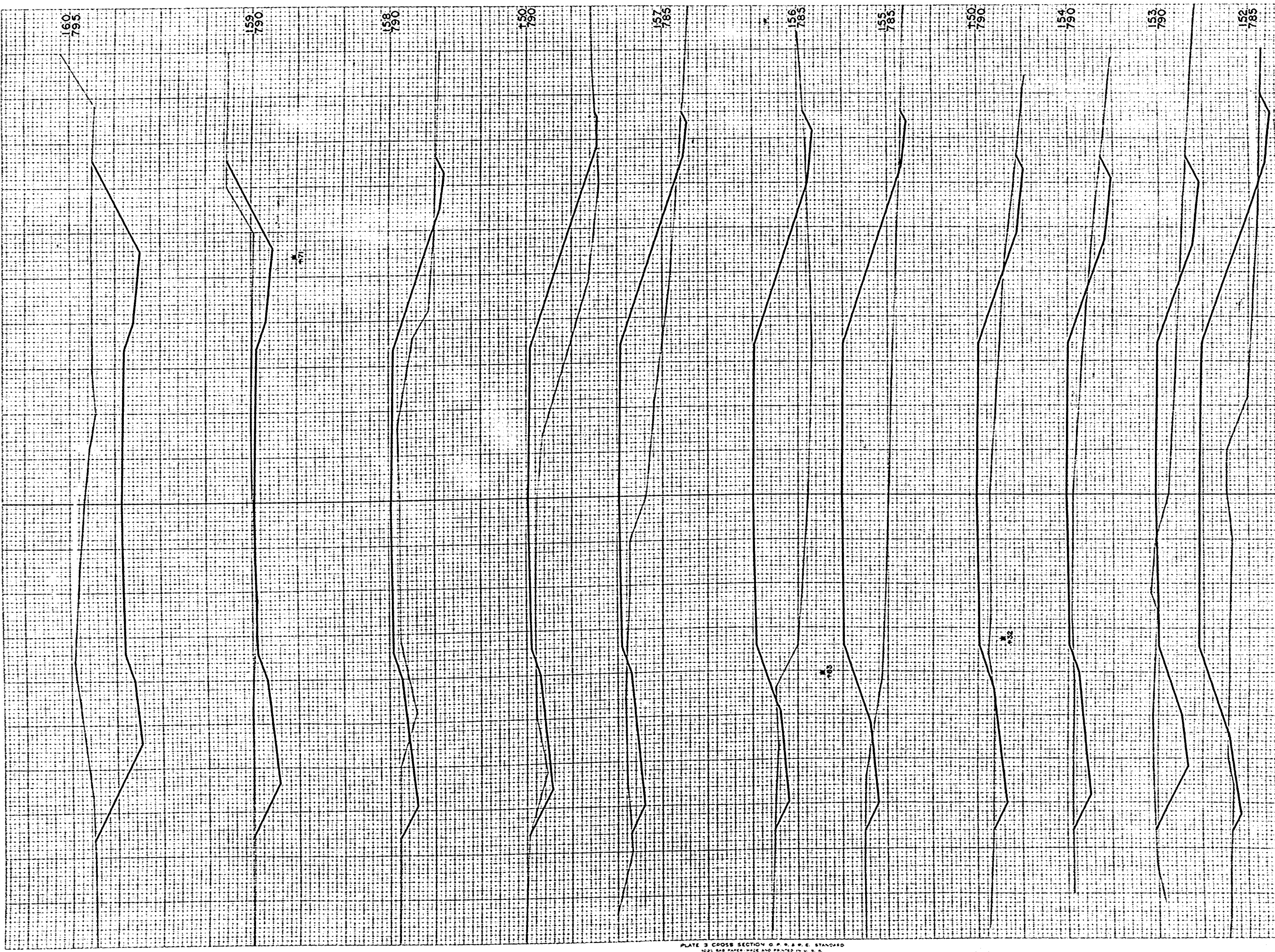


MAIN LINE			
B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS 4	S 0324 (I)	30	63

STATION	DISTANCE	YARDAGE		
		EXCAVATION		
		UNC.		FILL
143+23				
144	698			0
145	1,141			0
150	406			0
146	296			0
170	298			2
147	96			0
148	511			0
149	619			0
150	230			39
150	102			208
151	20			889
SHEET TOTAL		4,417		1,138

FINAL SURVEY SHEETED BY OFFICE NOTE BOOK AREA CHECKED NO. 10223

ORIGINAL SURVEY SHEETED BY OFFICE NOTE BOOK AREA CHECKED NO. 10223

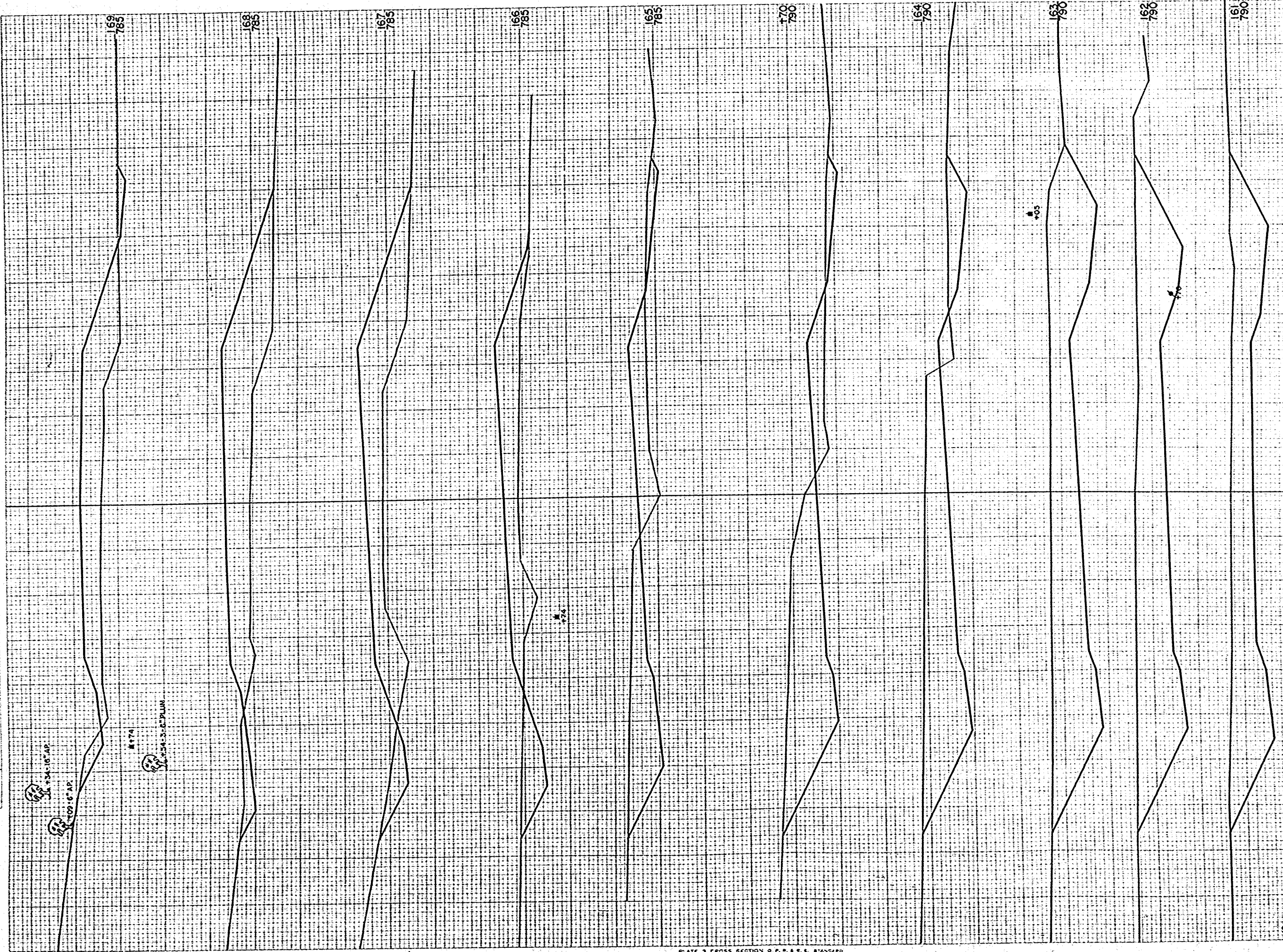


MAIN LINE
 B.P.R. DISTRICT OFFICE PROJECT SHEET NUMBER TOTAL SHEETS
 WIS. 4 S 0324 (II) 40 63

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
151			
	30		922
152			
	150		498
153			
	196		141
154			
	56		89
+150			
	30		289
155			
	46		961
156			
	65		741
157			
	30		228
+150			
	26		165
158			
	196		113
159			
	757		0
160			
SHEET TOTAL		1582	4097

FINAL SURVEY
 NO. 10223
 DATE 3-23-24
 DRAWN BY J. H. HARRIS
 CHECKED BY J. H. HARRIS
 APPROVED BY J. H. HARRIS

ORIGINAL SURVEY
 NO. 10223
 DATE 3-23-24
 DRAWN BY J. H. HARRIS
 CHECKED BY J. H. HARRIS
 APPROVED BY J. H. HARRIS



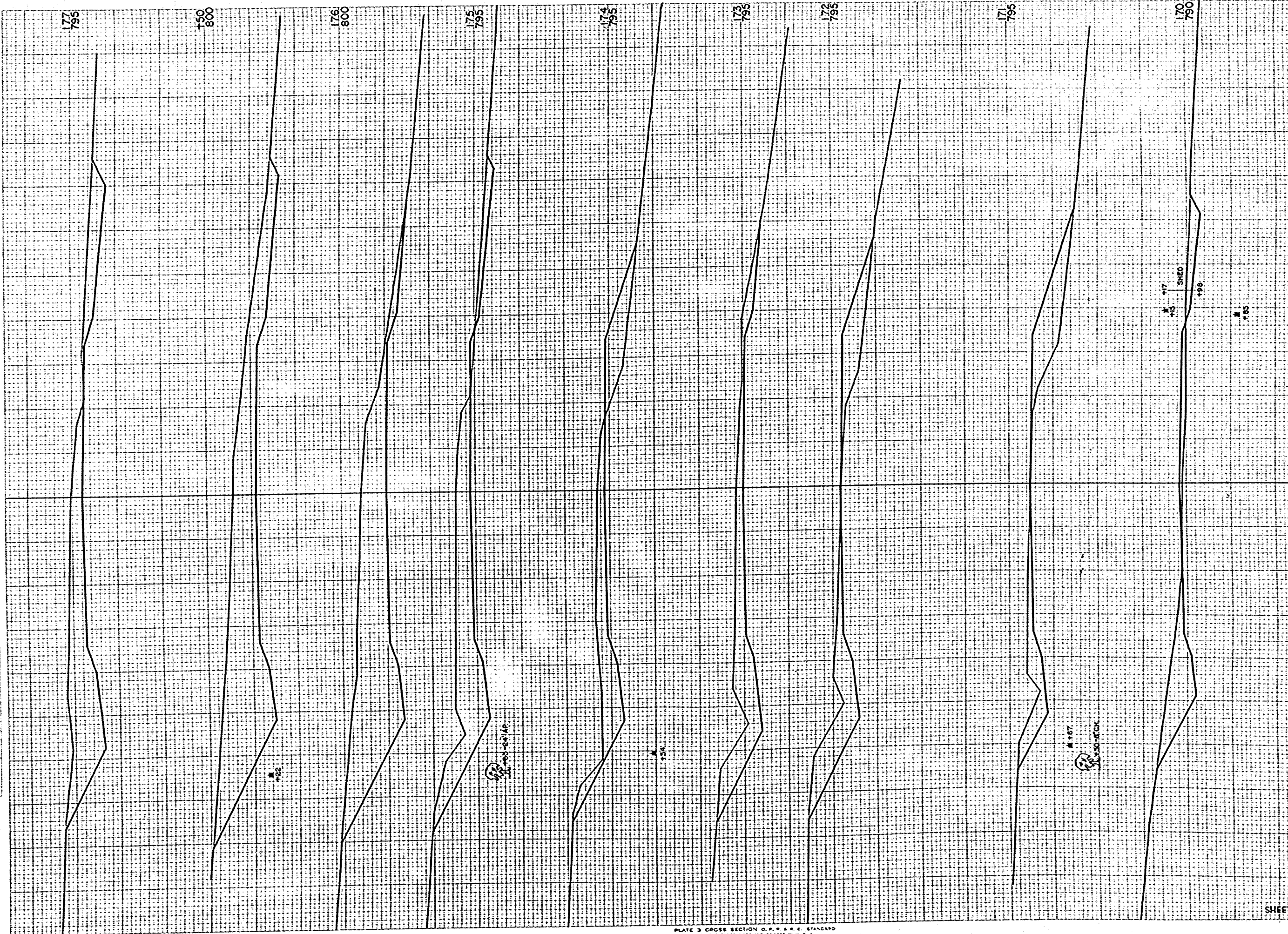
MAIN LINE

D.P.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S 0324 (I)	41	63

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
		UNCL.	
160			0
161	981		0
162	872		0
163	978		0
164	835		13
165	426		46
170	122		41
165	189		256
166	76		431
167	50		557
168	43		509
169			
SHEET TOTAL		4572	1853

FINAL SURVEY NO. 10223
 DATE 10/23/33
 BY G. S. [Signature]
 CHECKED [Signature]
 SUPERVISOR [Signature]

ORIGINAL SURVEY NO. 10223
 DATE 10/23/33
 BY G. S. [Signature]
 CHECKED [Signature]
 SUPERVISOR [Signature]



177
796

178
800

179
800

180
795

181
795

182
795

183
795

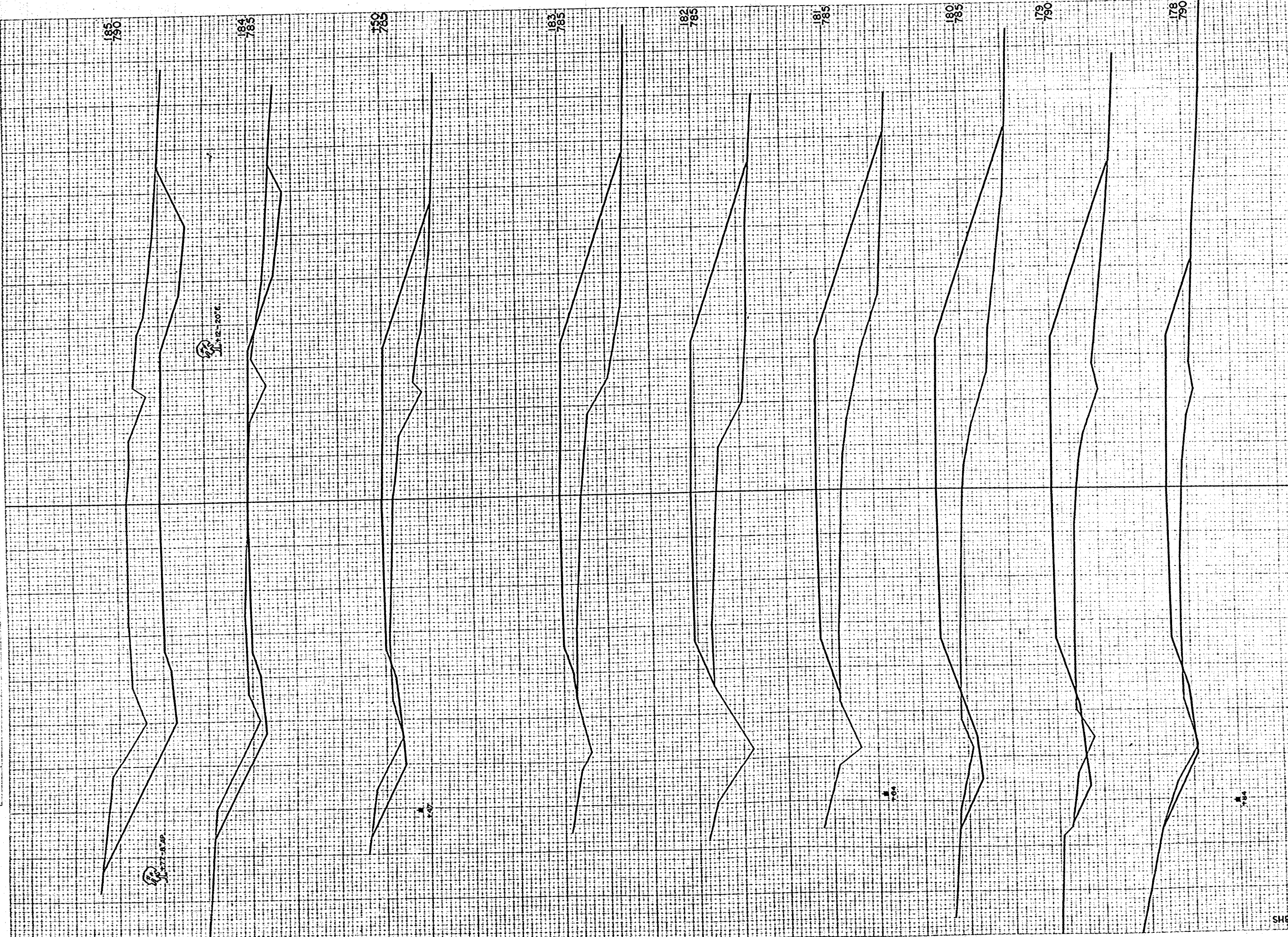
184
795

185
790

MAIN LINE				
DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS	
WIS. 4	S 0324 (1)	42	63	
STATION	DISTANCE	YARDAGE		
		UNCL.	EXCAVATION	FILL
169				
170	102			228
171	135			87
172	144			22
173	222			52
174	231			46
175	300			50
176	533			4
177	357			0
178	302			0
179				
SHEET TOTAL		2,326		589

FINAL SURVEY
 DRAWING NO. 10223
 DATE 11-12-1907
 CHECKED BY [Signature]

ORIGINAL SURVEY
 DRAWING NO. 10223
 DATE 11-12-1907
 CHECKED BY [Signature]



B.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
W.S. 4	S 0324 (1)	4363	

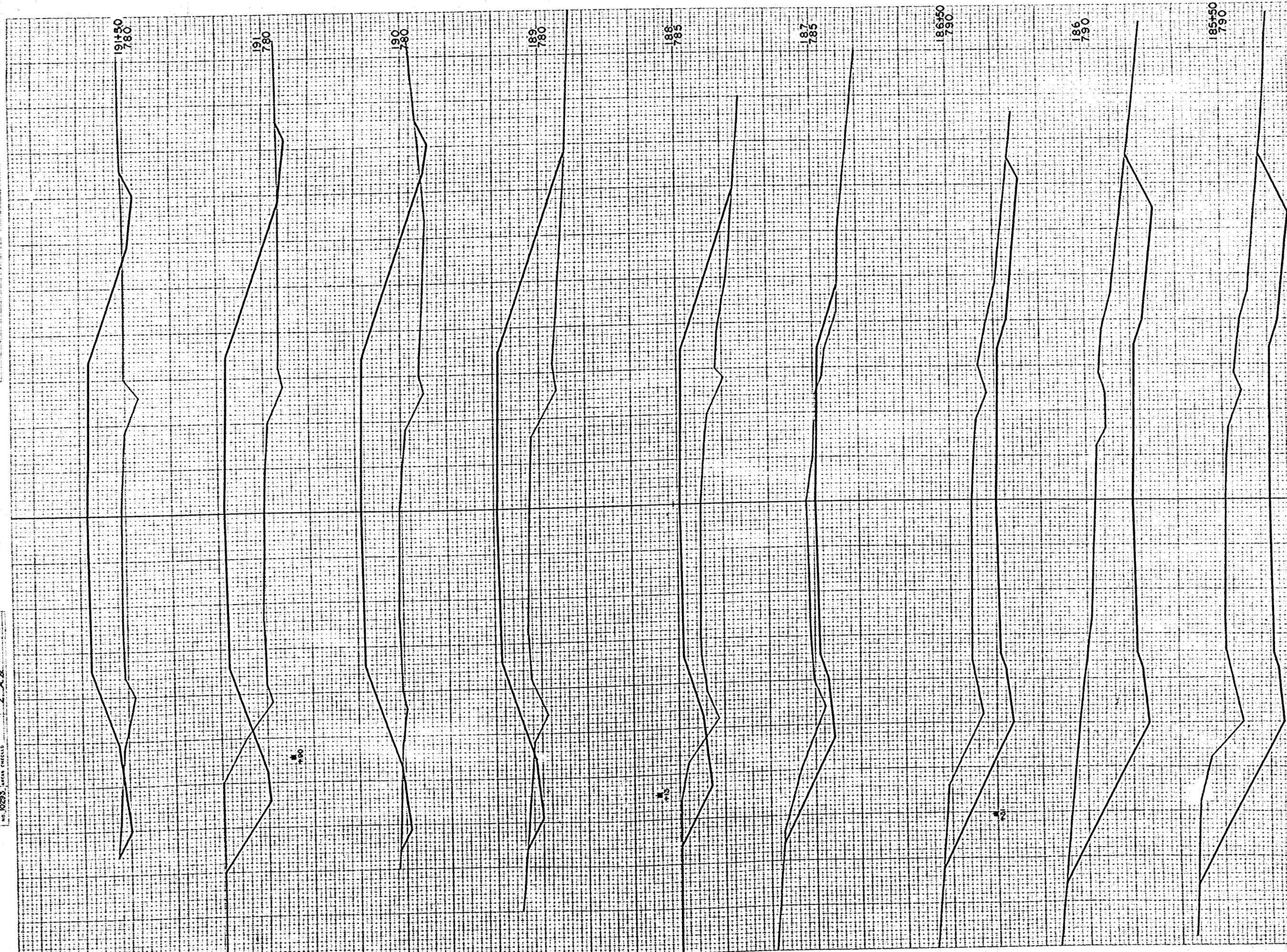
STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
177	239		141
178	30		459
179	39		693
180	26		730
181	0		704
182	0		659
183	15		244
+50	65		96
184	585		19
185			
SHEET TOTAL		999	3,745

MAIN LINE

RR DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S 0324 (1)	44	63

FINAL SURVEY
 QUANTITY
 PLANTING
 NOTY BOOK
 BREAK CHECKED
 NO.

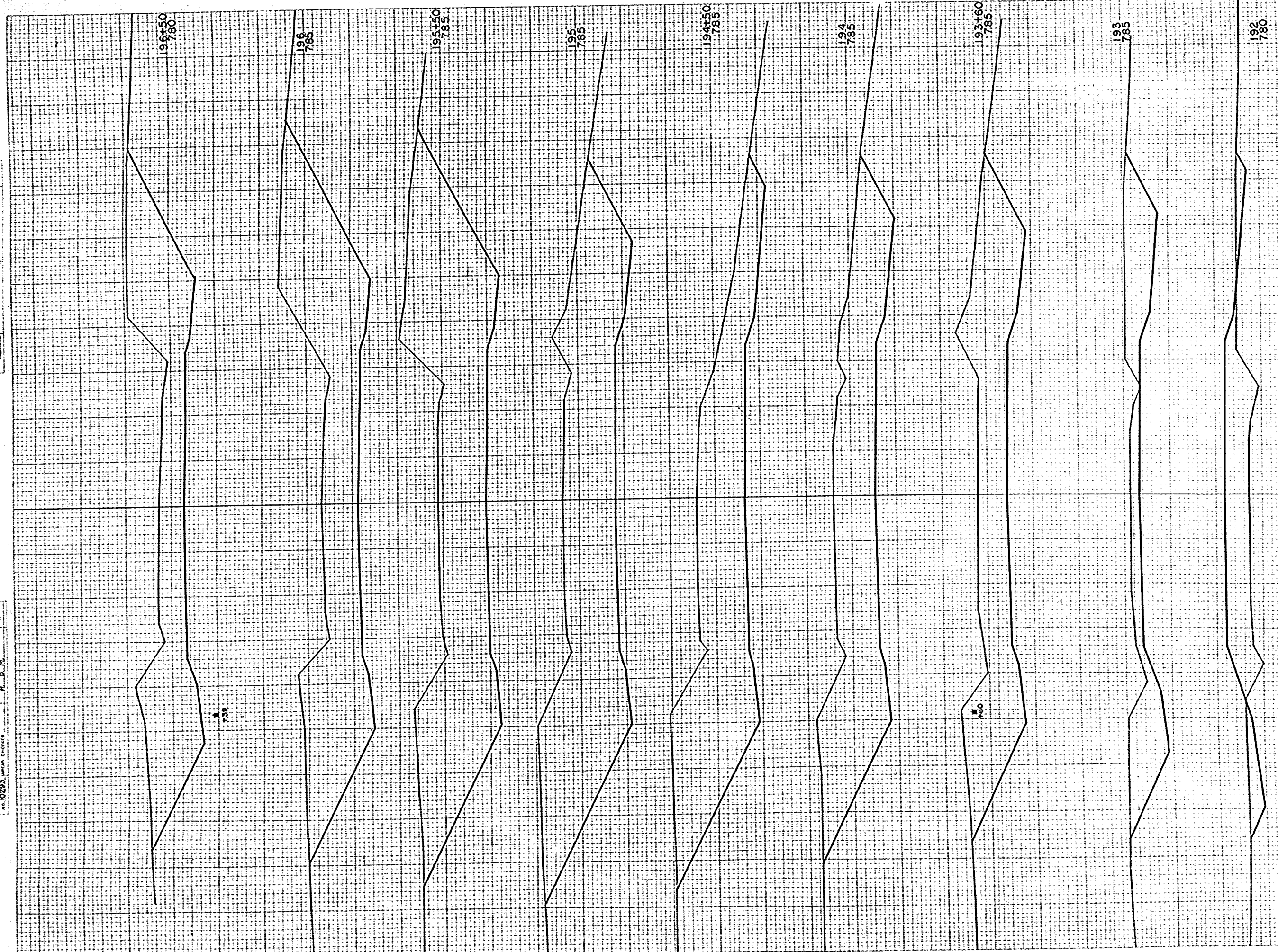
DATE
 3-23-33
 ORIGINAL SURVEY
 QUANTITY
 PLANTING
 NOTY BOOK
 BREAK CHECKED
 NO. 10293



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
		UNCL.	
185		554	0
+50		620	0
186		487	0
+50		226	7
187		141	259
188		57	663
189		39	679
190		115	870
191		59	370
+50			
SHEET TOTAL		2288	3048

FINAL SURVEY NO. 10293
 PROJECT NO. 4563
 DATE 10/29/33
 DRAWN BY J. J. ...
 CHECKED BY ...

ORIGINAL SURVEY NO. 10293
 PROJECT NO. 4563
 DATE 10/29/33
 DRAWN BY J. J. ...
 CHECKED BY ...



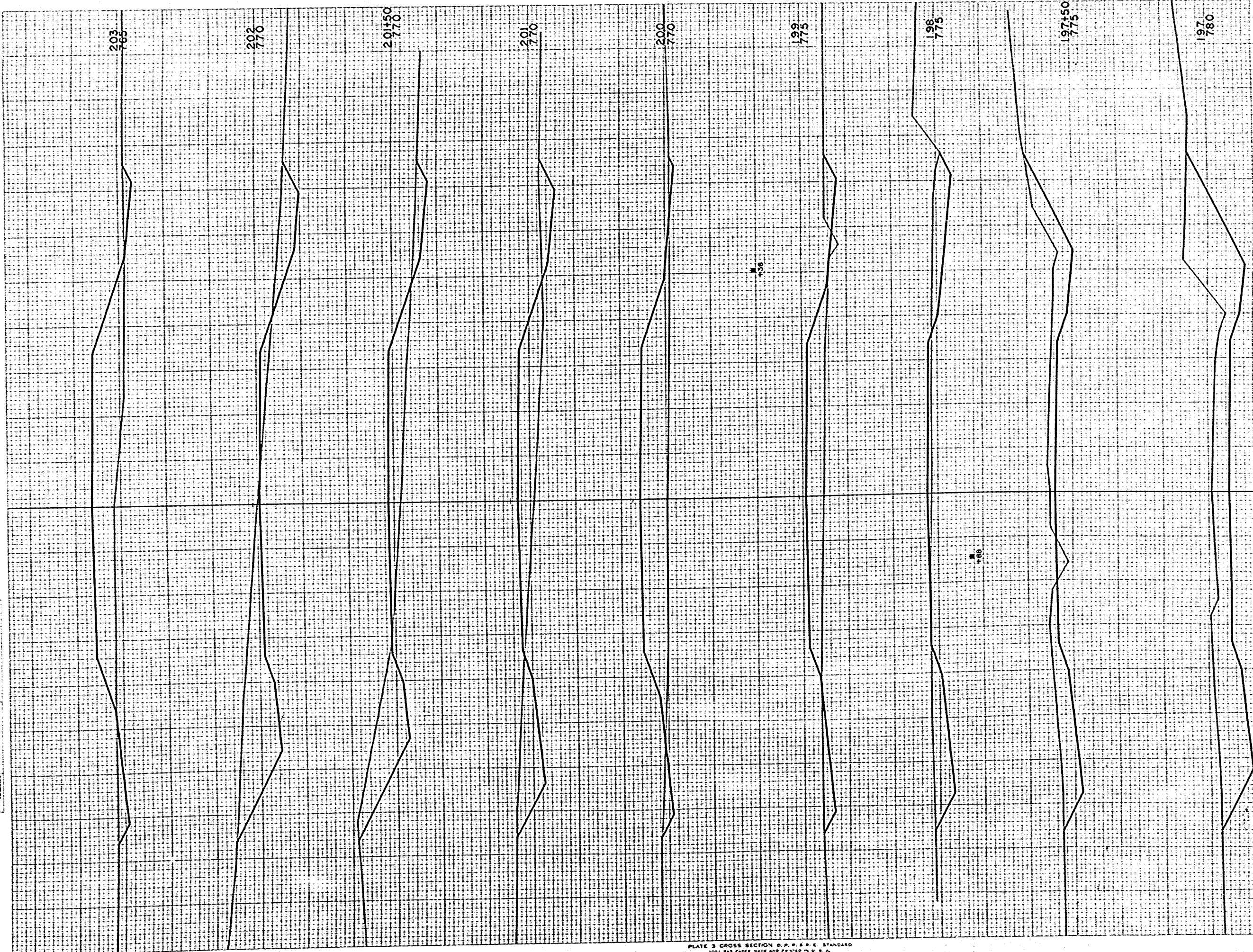
MAIN LINE

STATE DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S 0324 (1)	4563	

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
191+50	37		265
192	306		202
193	488		0
+50	470		0
194	659		0
+50	781		0
195	900		0
+50	844		0
196	666		0
+50			
SHEET TOTAL		5,136	467

FINAL SURVEY
 DRAWING NO. 10283
 DATE 10/28/23
 BY J. J. J. J. J.
 CHECKED BY J. J. J. J. J.
 APPROVED BY J. J. J. J. J.

ORIGINAL SURVEY
 DRAWING NO. 10283
 DATE 10/28/23
 BY J. J. J. J. J.
 CHECKED BY J. J. J. J. J.
 APPROVED BY J. J. J. J. J.

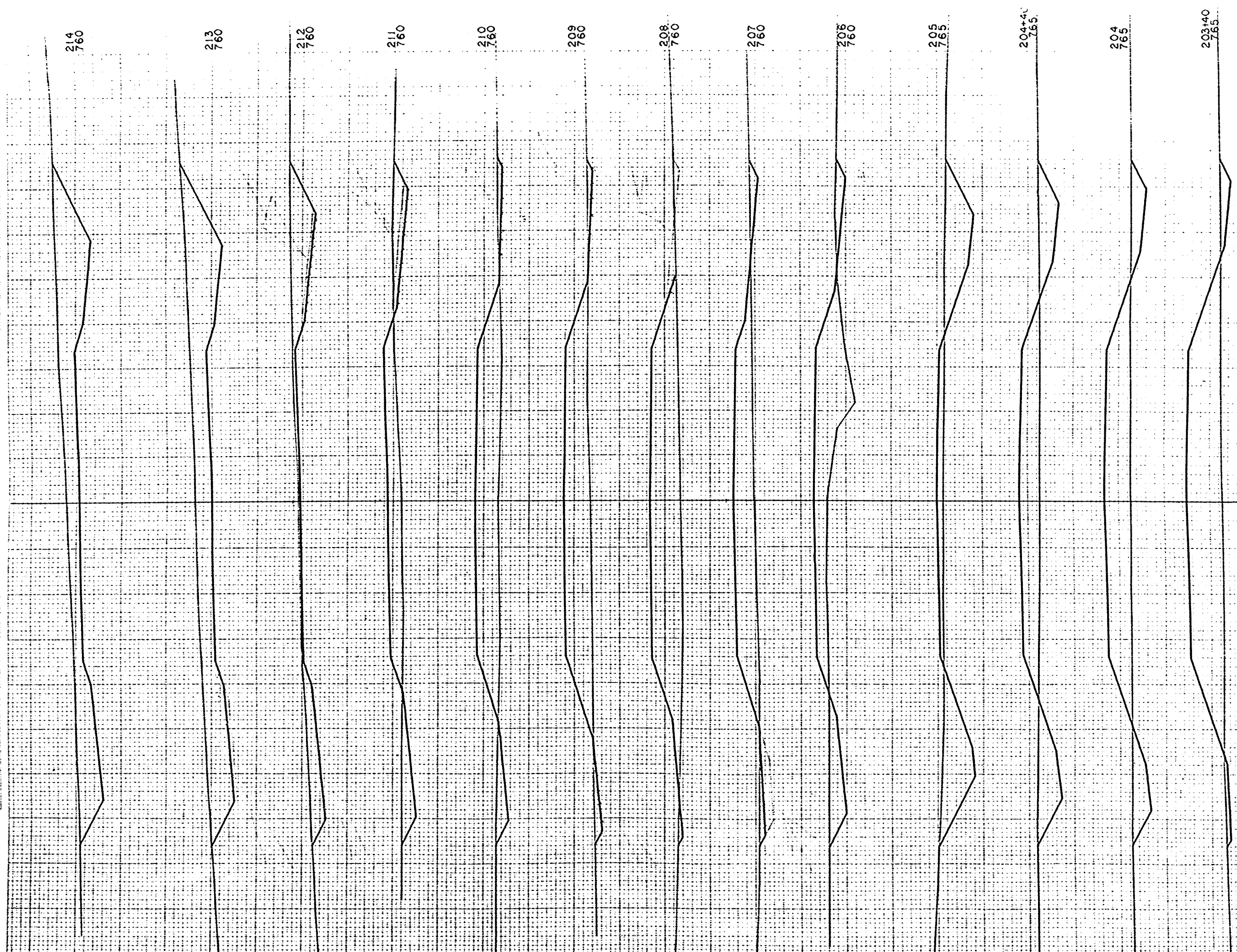


MAIN LINE			
D.P.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
W.S. 4	S 0324 (1)	46	63

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
196+50			
197	454		0
+50	263		2
198	133		13
199	133		148
200	48		367
201	104		354
+50	102		102
202	154		54
203	220		233
SHEET TOTAL		1611	1273

FINAL SURVEY
 DATE: 10/15/55
 BY: J. H. BROWN
 CHECKED: J. H. BROWN

GENERAL SURVEY
 DATE: 10/15/55
 BY: J. H. BROWN
 CHECKED: J. H. BROWN

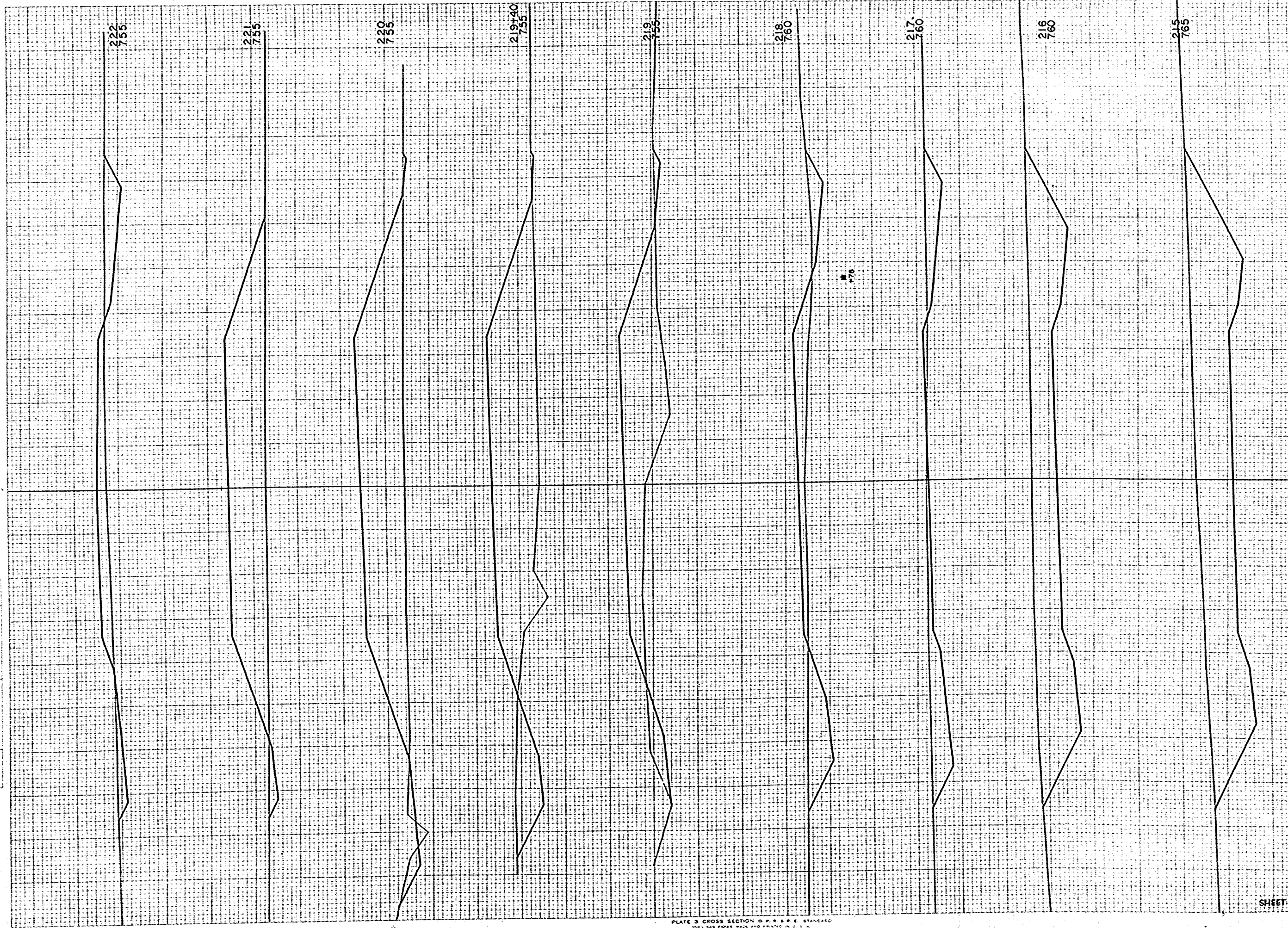


S 0324 (1) 175

STATION	DISTANCE	YARDAGE		
		UNCL.		FILL
203				
+40	17			209
204	46			309
+40	59			144
205	135			113
206	189			198
207	69			330
208	20			431
209	19			485
210	43			422
211	81			302
212	181			100
213	433			0
214	578			0
SHEET TOTAL	1870			3043

MAIN LINE

R.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
W.S. 4	S 0324 (1)	48	63



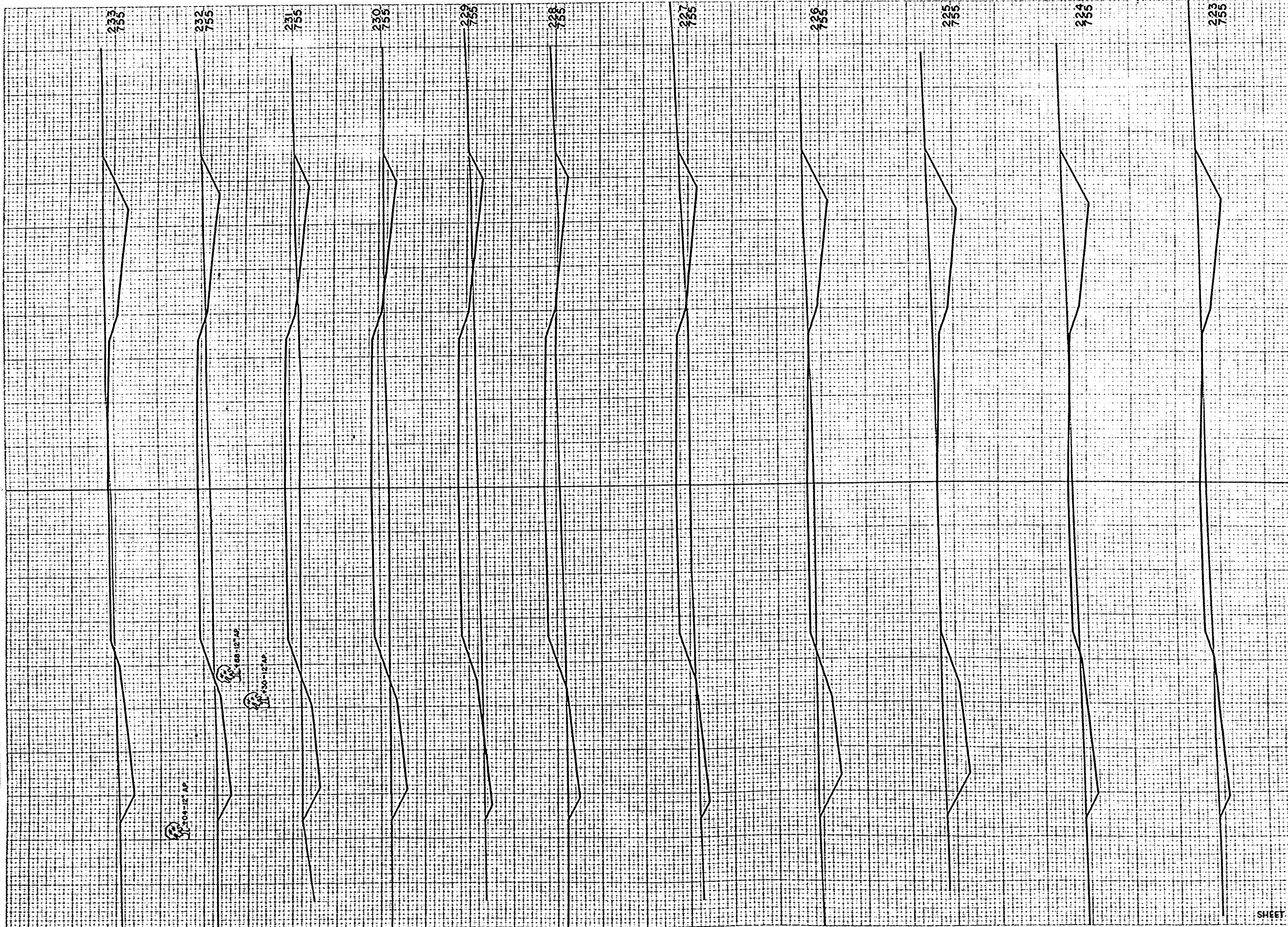
STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
		UNCL	
214		826	0
215		1,002	0
216		567	6
217		200	81
218		107	344
219		37	276
+40		50	533
220		28	852
221		69	456
222			
SHEET TOTAL		2,886	2,548

FINAL SURVEY BOOK NO. 10293

DATE 3/25/35
 ORIGINAL SURVEY BOOK NO. 10293

MAIN LINE

B.P.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
W.S. 4	S 0324 (1)	49	63



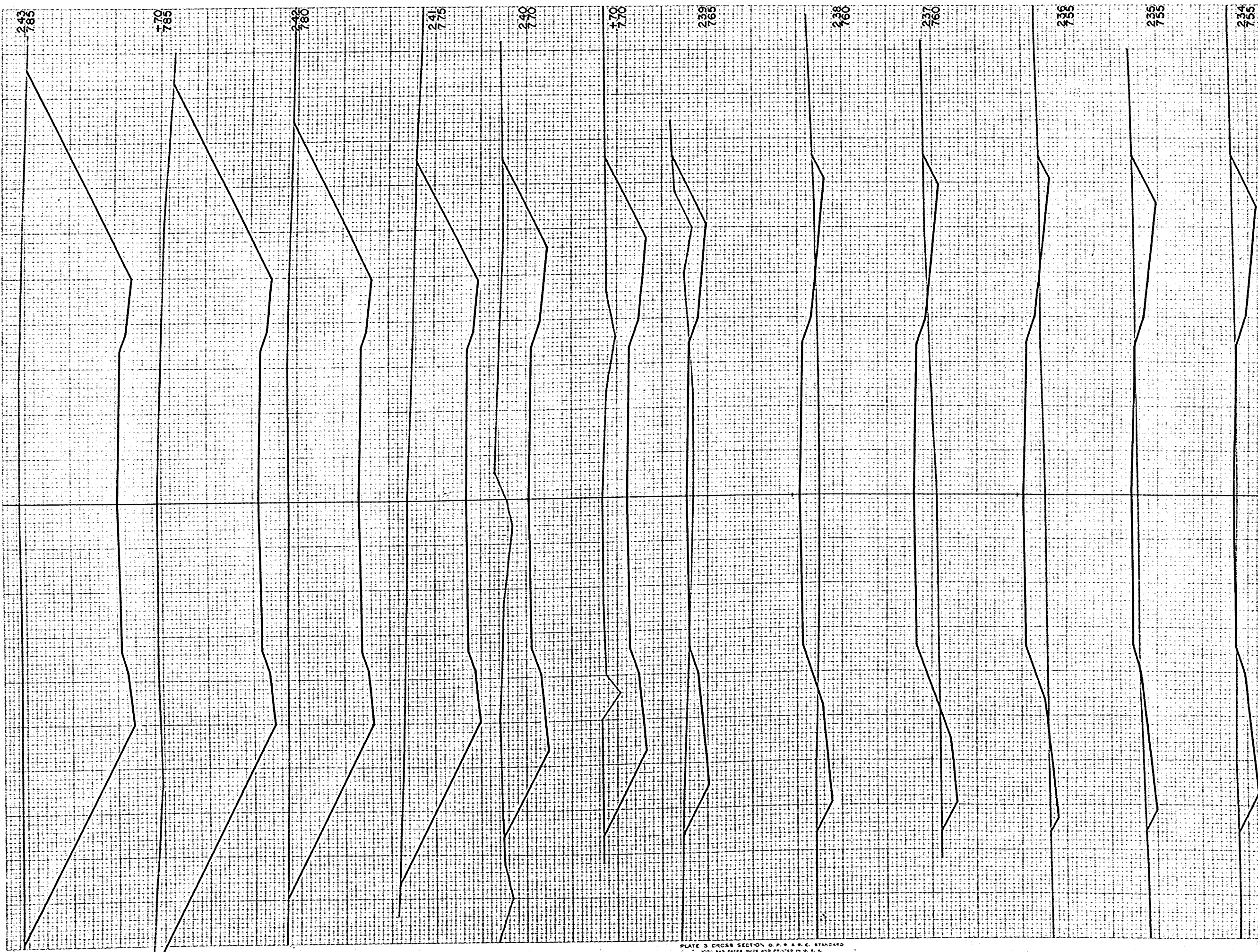
STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
222			
223	150		98
224	191		56
225	241		28
226	267		30
227	170		141
228	85		222
229	63		274
230	85		287
231	118		244
232	119		224
233	172		111
SHEET TOTAL		1,661	1,715

FINAL SURVEY PLOTTED BY MEAS. CHECKED BY

ORIGINAL SURVEY PLOTTED BY MEAS. CHECKED BY

FINAL SURVEY
 ADJUSTED
 NOT WORK
 AREA CHECKED

ORIGINAL SURVEY
 DATE 10/2/23
 BY [illegible]



MAIN LINE			
B.P.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
W.S. 4	S0324 (1)	50	63

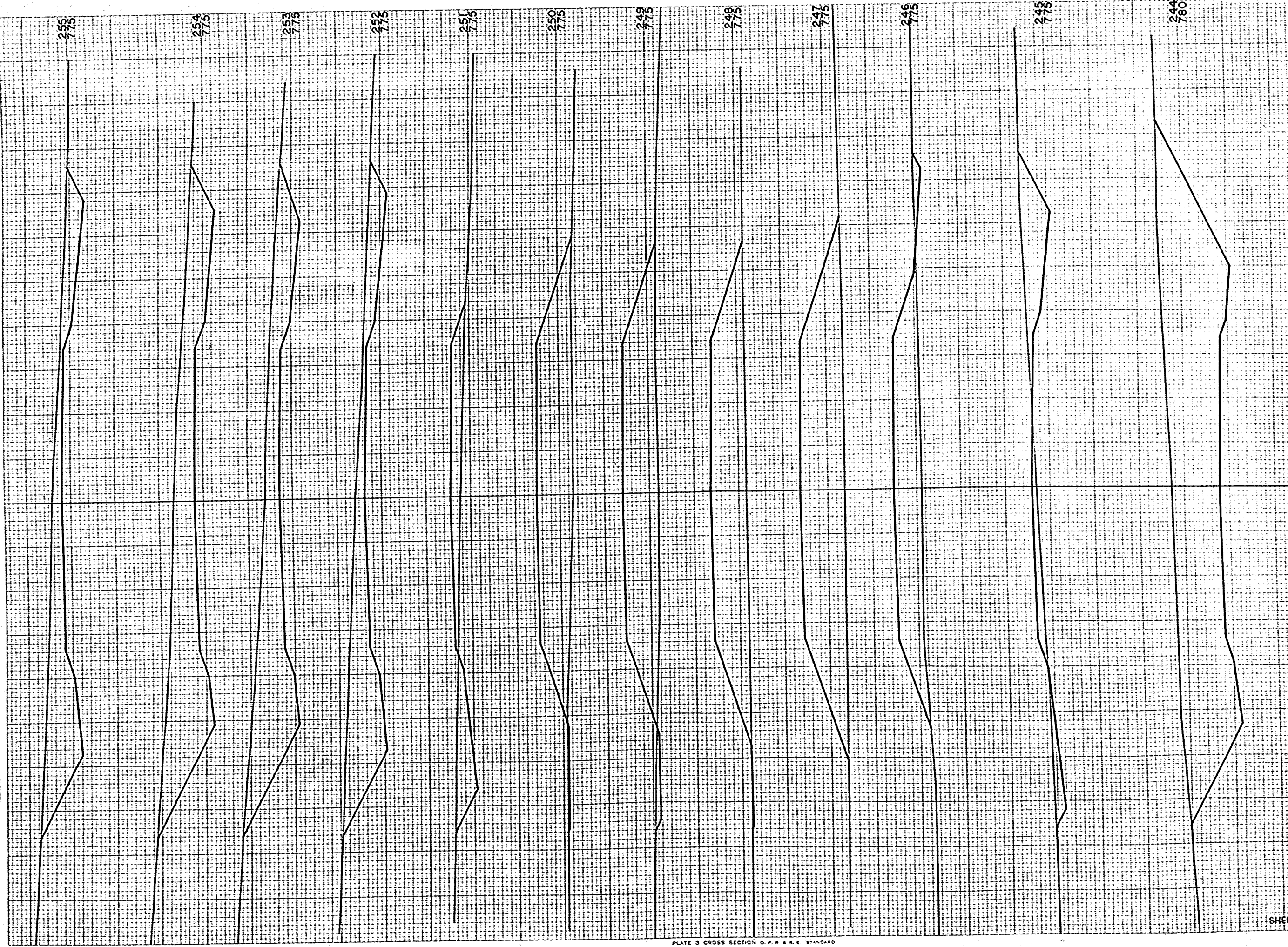
STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
233			
	228		17
234			
	198		46
235			
	107		202
236			
	81		322
237			
	98		306
238			
	159		174
239			
	363		19
f70			
	263		0
240			
	1,319		0
241			
	1,909		0
242			
	1,889		0
f70			
	961		0
243			
SHEET TOTAL		7,575	1,086

MAIN LINE

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS 4	S 0324 (1)	57	65

FINAL SURVEY
 PLATTE
 NO. 10292X
 CHECKED

ORIGINAL SURVEY
 PLATTE
 NO. 10292X
 CHECKED

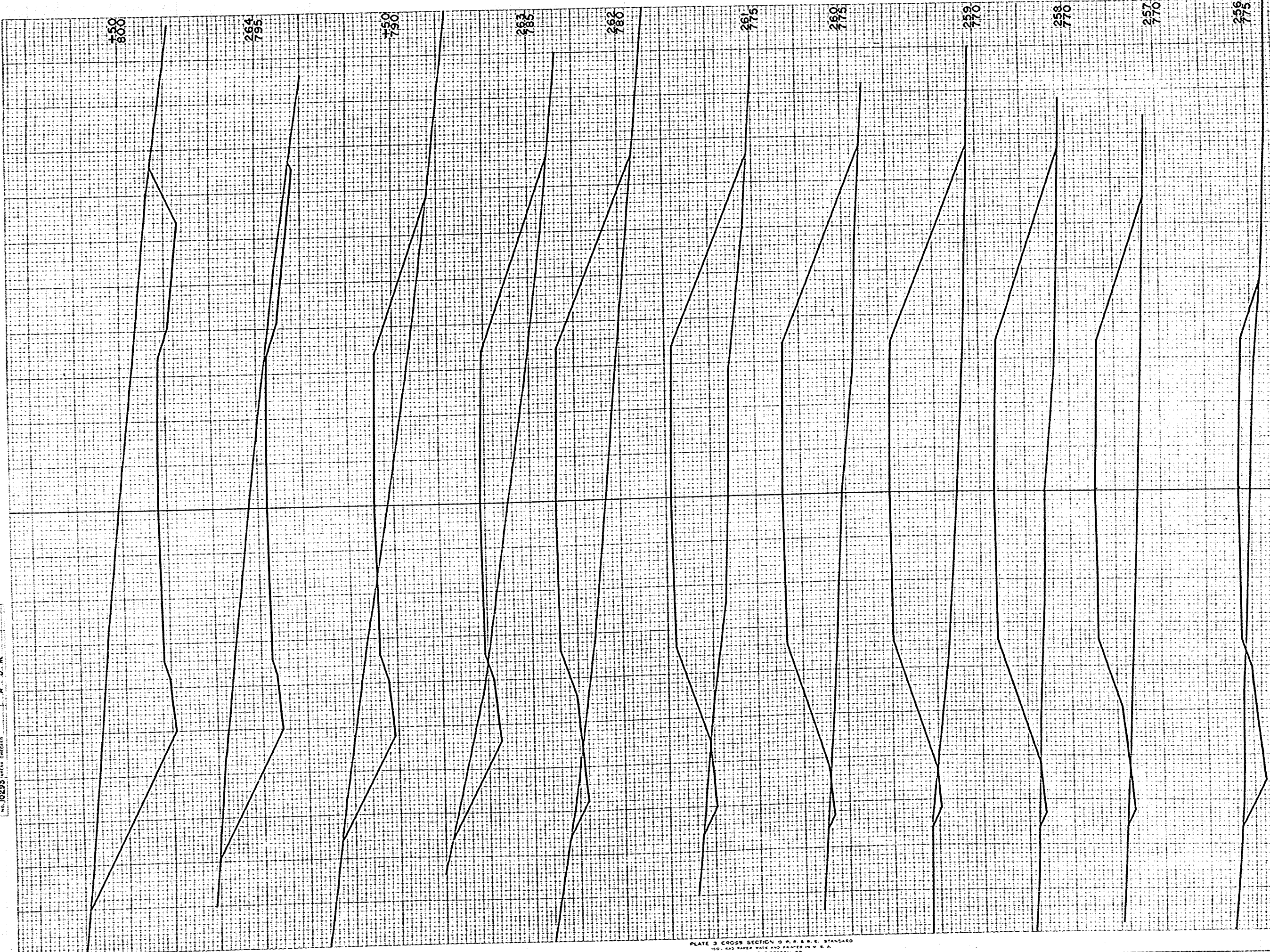


STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
243			
	2,339		0
244			
	869		24
245			
	117		246
246			
	11		641
247			
	0		744
248			
	11		643
249			
	17		639
250			
	57		394
251			
	304		72
252			
	587		0
253			
	709		0
254			
	609		0
255			
SHEET TOTAL		5,630	3,403

E.P.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
W.S. 4	S 0324 (1)	52	63

FINAL SURVEY
 DRAWING NO. 10293
 DATE 10-1-50

ORIGINAL SURVEY
 DRAWING NO. 10293
 DATE 10-1-50

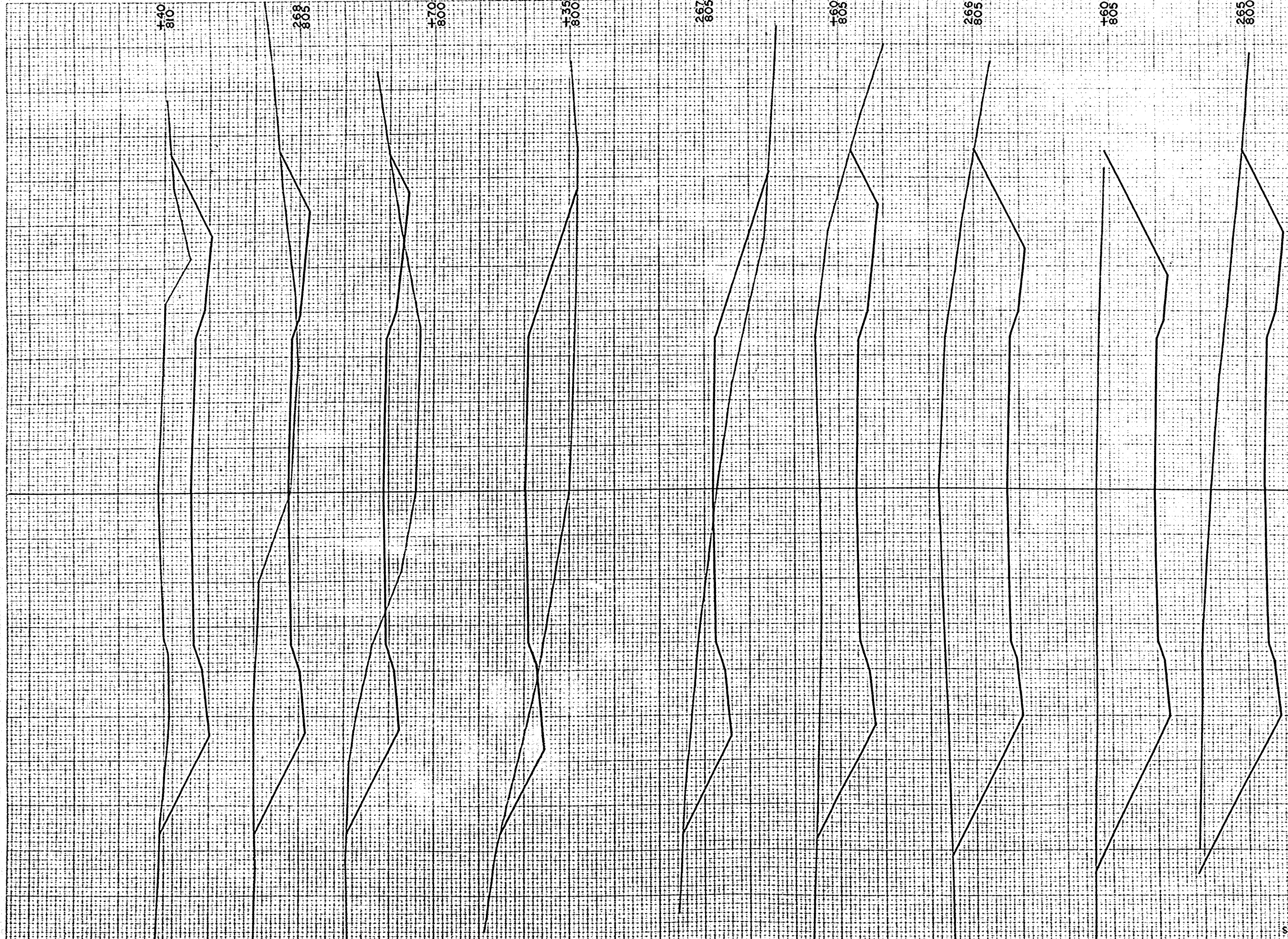


STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
255	283		85
256	52		483
257	9		959
258	11		1,274
259	9		1,370
260	15		1,226
261	24		1,070
262	72		789
263	89		222
250	224		80
264	498		0
250			
SHEET TOTAL	1,286		7,558

B.P. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOT. SHEET
VIS. 4	S 0324 (I)	53	63

FINAL SURVEY
 NO. 10233
 DATE 10-2-28
 BY J. J. ...

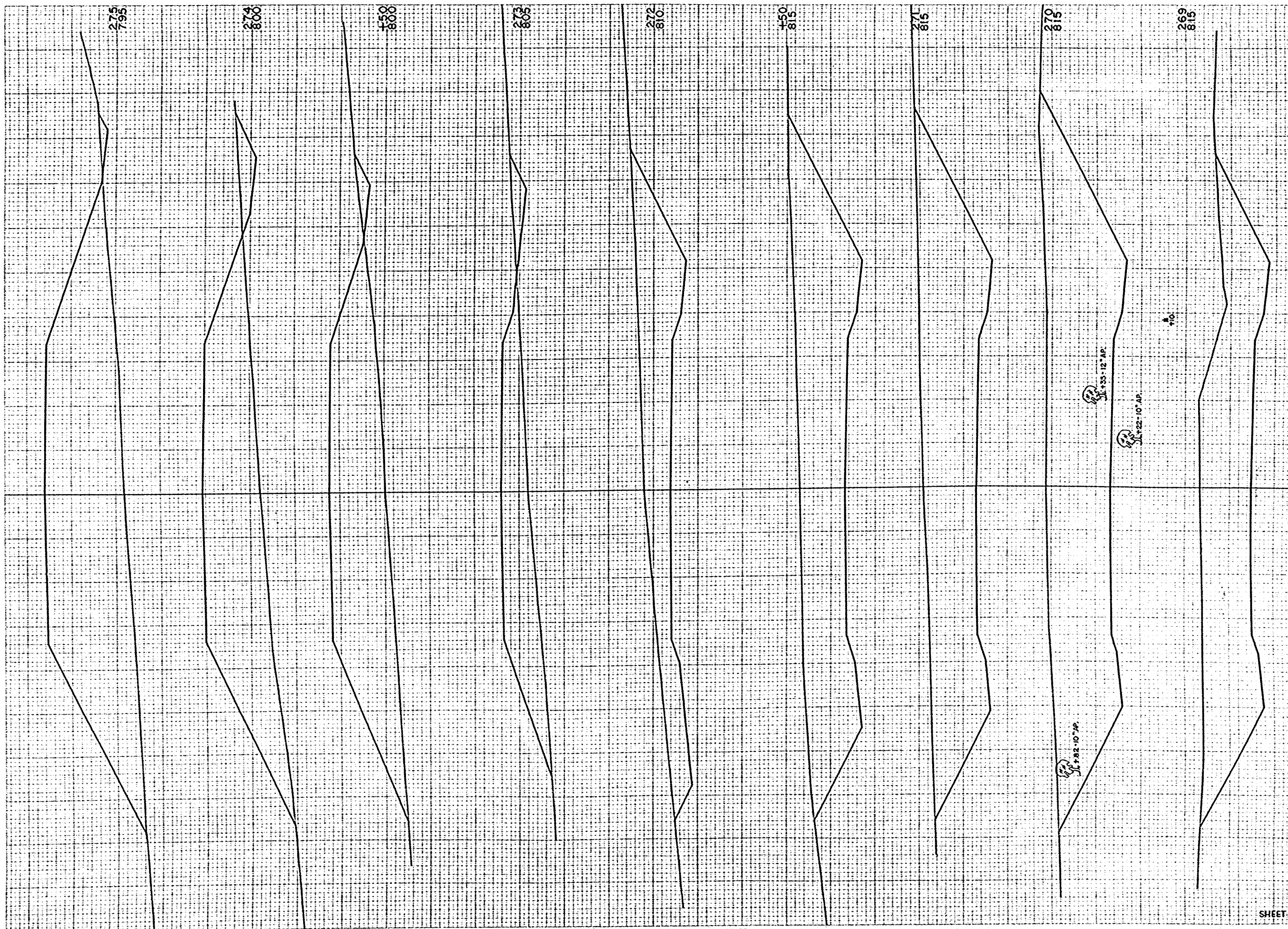
ORIGINAL SURVEY
 NO. 10233
 DATE 10-2-28
 BY J. J. ...



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
+50	741		0
265	994		0
+60	709		0
266	928		0
+60	304		46
267	65		161
+35	63		193
+70	126		67
268	294		7
+40			
SHEET TOTAL		4224	474

FINAL SURVEY MODIFIED
 NOTE BOOK NO. 10293
 DATE 10/22/22

ORIGINAL SURVEY
 NOTE BOOK NO. 10293
 DATE 10/22/22

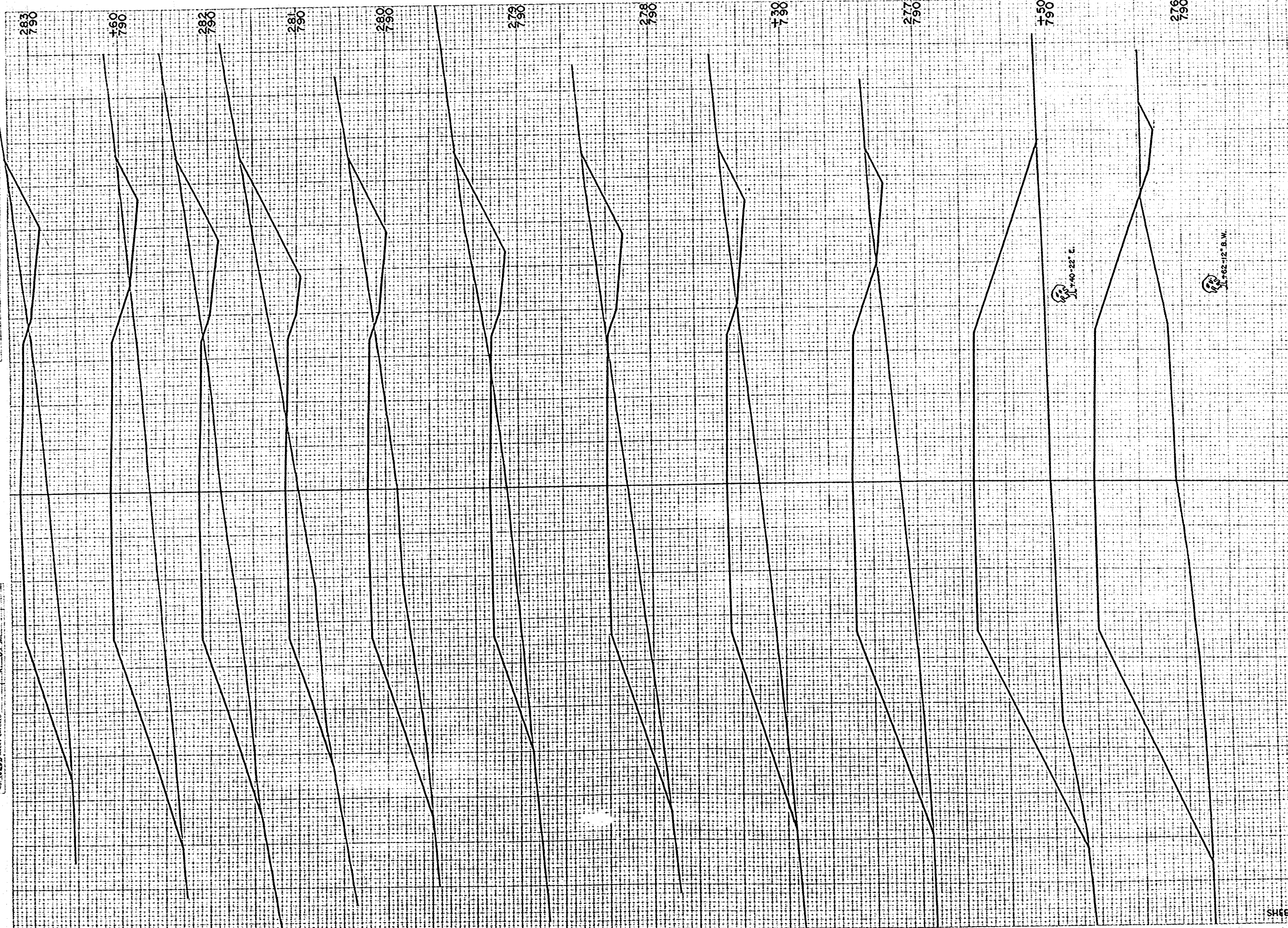


MAIN LINE			
EP. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
W.S. 4	S 0324 (1)	57-63	

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
UNCL			
268	+40	678	0
269		1,665	0
270		1,813	0
271		785	0
+50		578	0
272		430	269
273		17	428
+50		20	596
274		35	1,502
275			
SHEET TOTAL		6,019	2,795

MAIN LINE

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S 0324 (11)	55	63



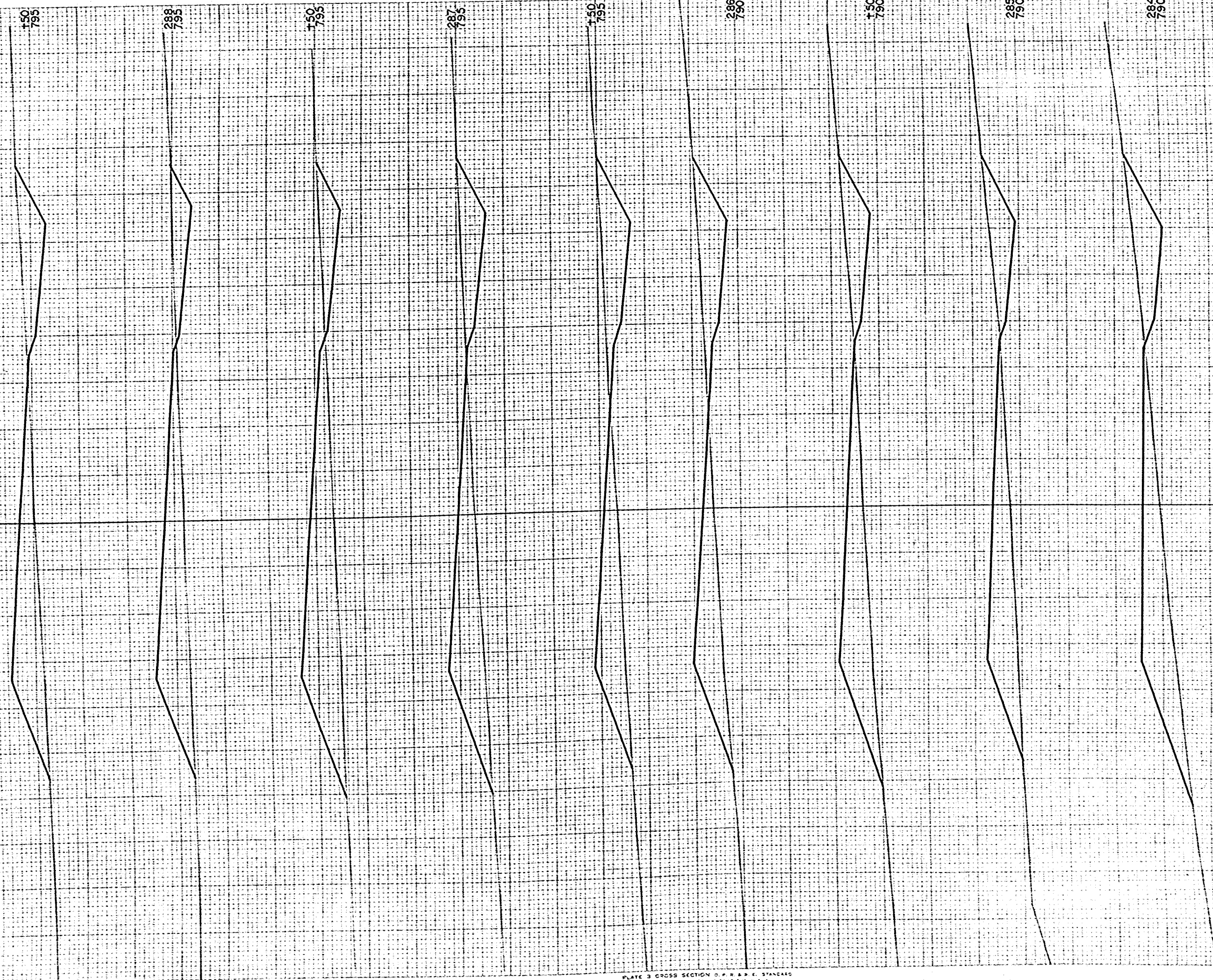
STATION	DISTANCE	YARDAGE		
		EXCAVATION		FILL
		UNC		
275	24		1,876	
276	9		933	
150	11		696	
277	18		252	
130	80		385	
278	167		357	
279	150		419	
280	176		406	
281	181		372	
282	52		402	
160	32		269	
283				
SHEET TOTAL		900	6,367	

FINAL SURVEY CHECKED BY: JAYAS

ORIGINAL SURVEY CHECKED BY: JAYAS

MAIN LINE

E.P.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S 0324 (I)	56	63



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
		UNCL.	
283			
		122	413
284			
		124	324
285			
		56	156
+50			
		67	152
286			
		80	172
+50			
		69	265
287			
		52	413
+50			
		44	333
288			
		56	165
+50			
SHEET TOTAL		670	2393

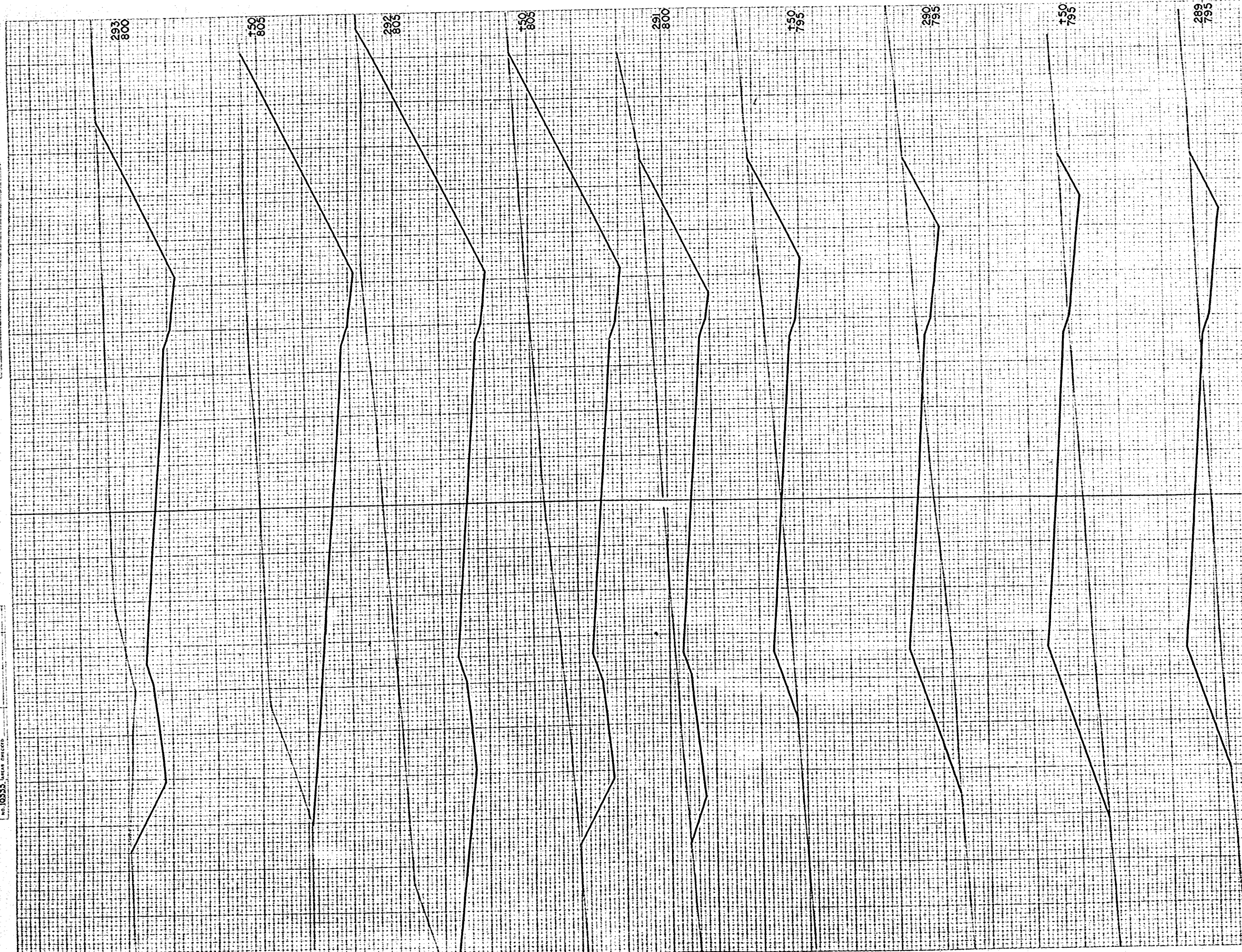
PLATE 3 CROSS SECTION D. H. R. & D. E. STANDARD
 100 PLY PAPER WITH AND PRINTED IN U.S.A.
 CUSSE & GETZEN CO.

FINAL SURVEY
 DATE NOV. 1903

ORIGINAL SURVEY
 DATE NOV. 1903

FINAL SURVEY
 DRAWING NO. 10335
 DATE 3-25-35
 BY J. J. B. & J. J. B.

ORIGINAL SURVEY
 DRAWING NO. 10335
 DATE 3-25-35
 BY J. J. B. & J. J. B.



DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS 4	S 0324 (1)	57	65

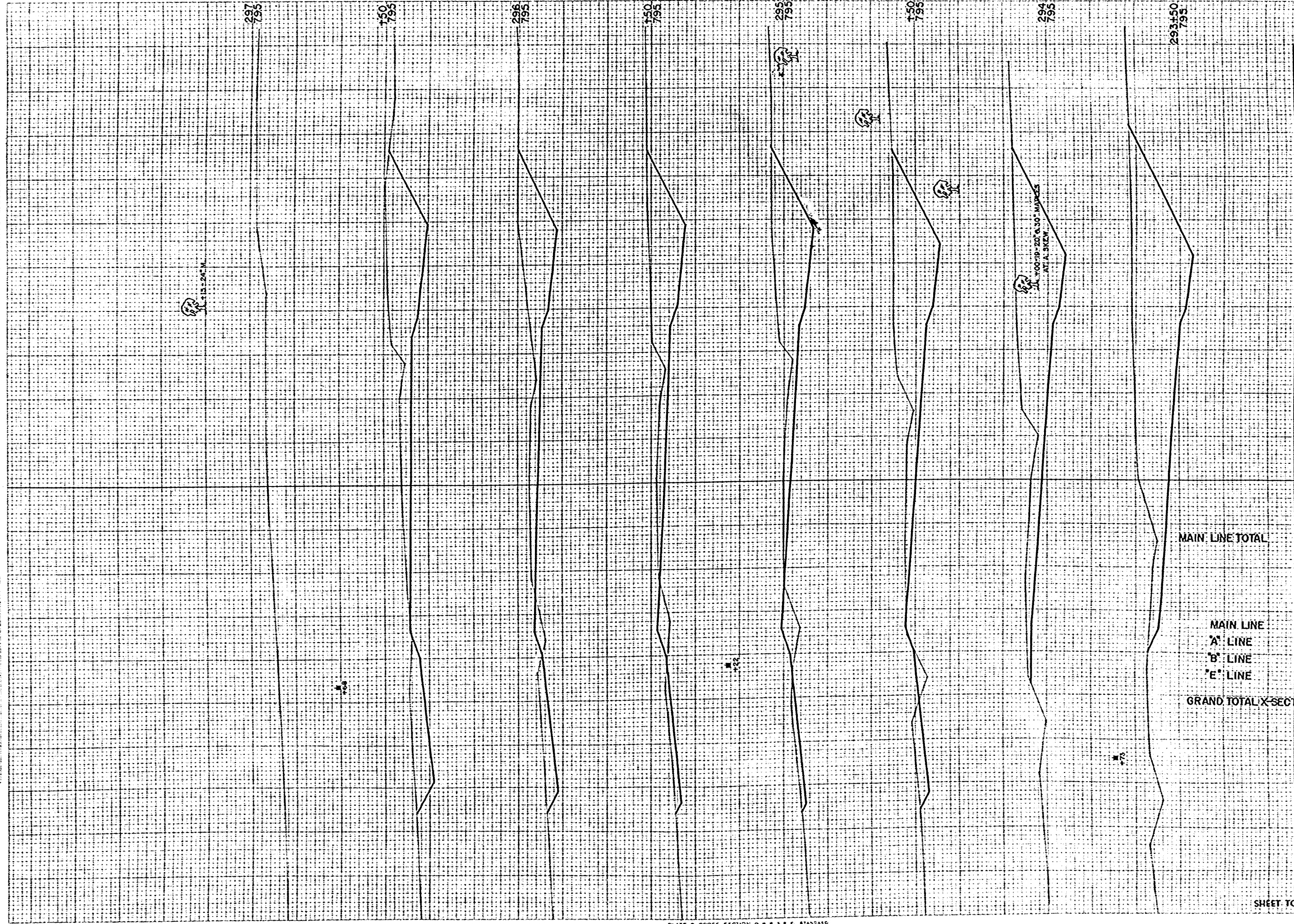
STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
288	150		
		65	154
289	150		
		46	209
290	150		
		56	226
291	150		
		118	115
292	150		
		289	22
293	150		
		672	0
		1,237	0
		1,326	0
		833	0
SHEET TOTAL		4642	726

MAIN LINE

R.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S 0324 (1)	58	63

FINAL SURVEY
 DATE: 3-15-24
 BY: R. O. M.
 CHECKED: L. A. D.

ORIGINAL SURVEY
 DATE: 3-15-24
 BY: R. O. M.
 CHECKED: L. A. D.

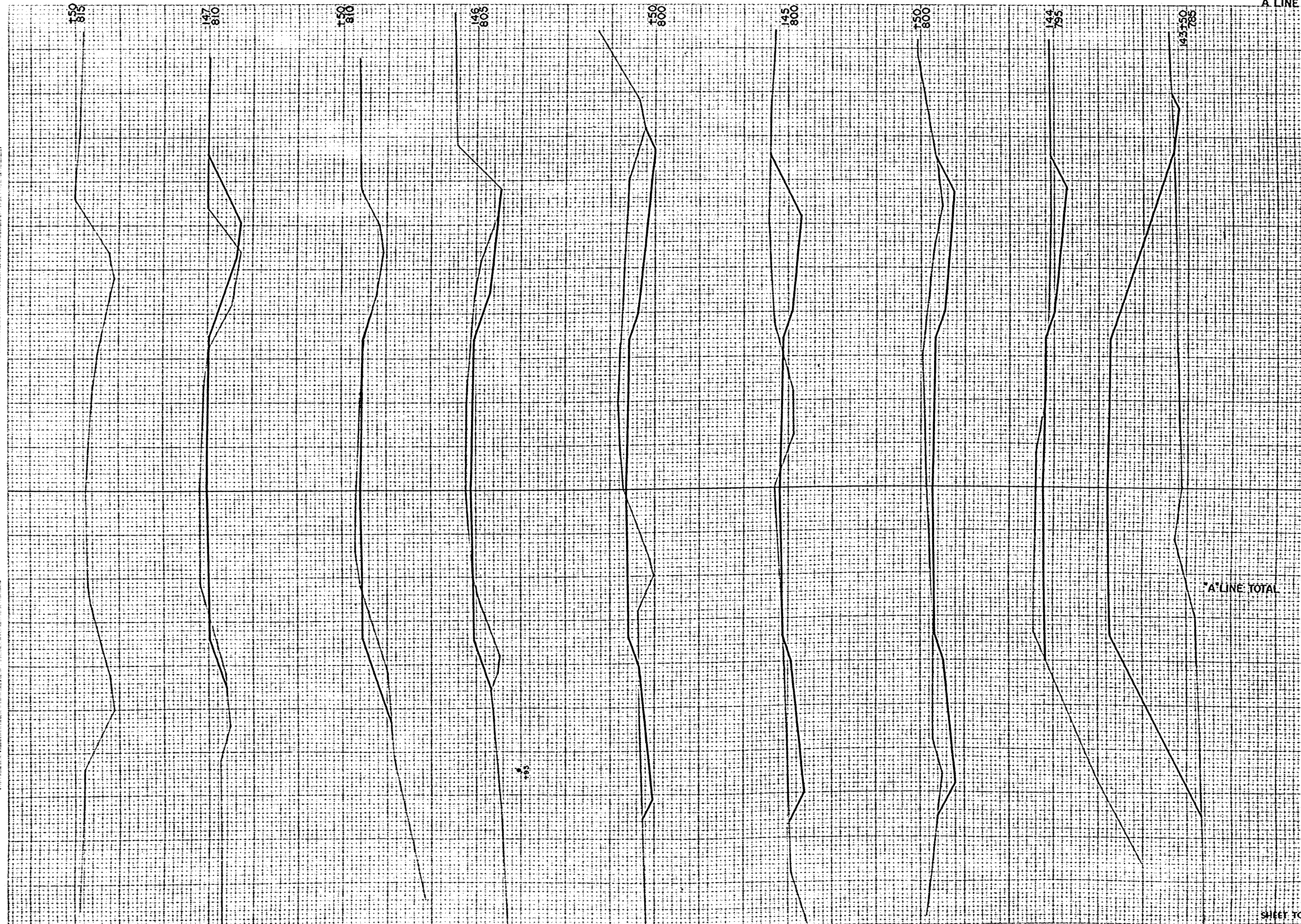


STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
		UNCL.	
293		476	0
+50		343	7
294		269	11
+50		213	13
295		170	15
+50		176	11
296		143	4
+50		50	0
297			
MAIN LINE TOTAL		88493	74,159
		YARDAGE SUMMARY	
MAIN LINE		88493	74,159
A' LINE		1,193	7,250
B' LINE		550	1,152
E' LINE		78	679
GRAND TOTAL X-SEC		90,344	83,290
SHEET TOTAL		1,840	61

STATE DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS 4	S 0324 (1)	60	63

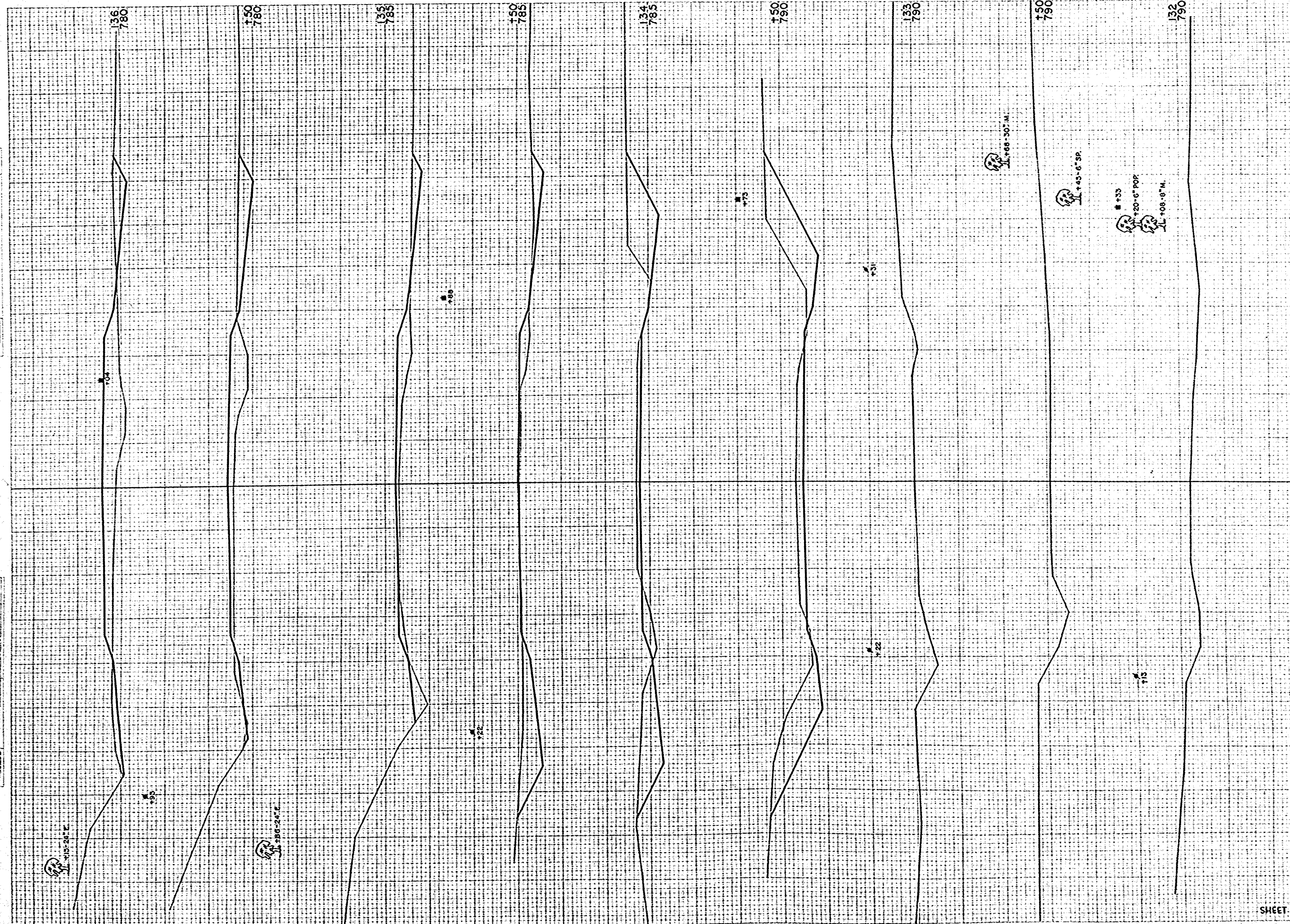
FINAL SURVEY
 DATE: 10/29/50
 BY: J. W. B. / J. W. B.
 CHECKED: J. W. B. / J. W. B.

ORIGINAL SURVEY
 DATE: 10/29/50
 BY: J. W. B. / J. W. B.
 CHECKED: J. W. B. / J. W. B.



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
143			
	4		881
150			
	46		426
144			
	126		2
150			
	156		11
145			
	144		39
150			
	102		41
146			
	41		30
150			
	46		26
147			
	35		13
150			
A'LINE TOTAL		1,193	7250
SHEET TOTAL		700	1,449

DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
V.S. 4	S 0324 (1)	61	63

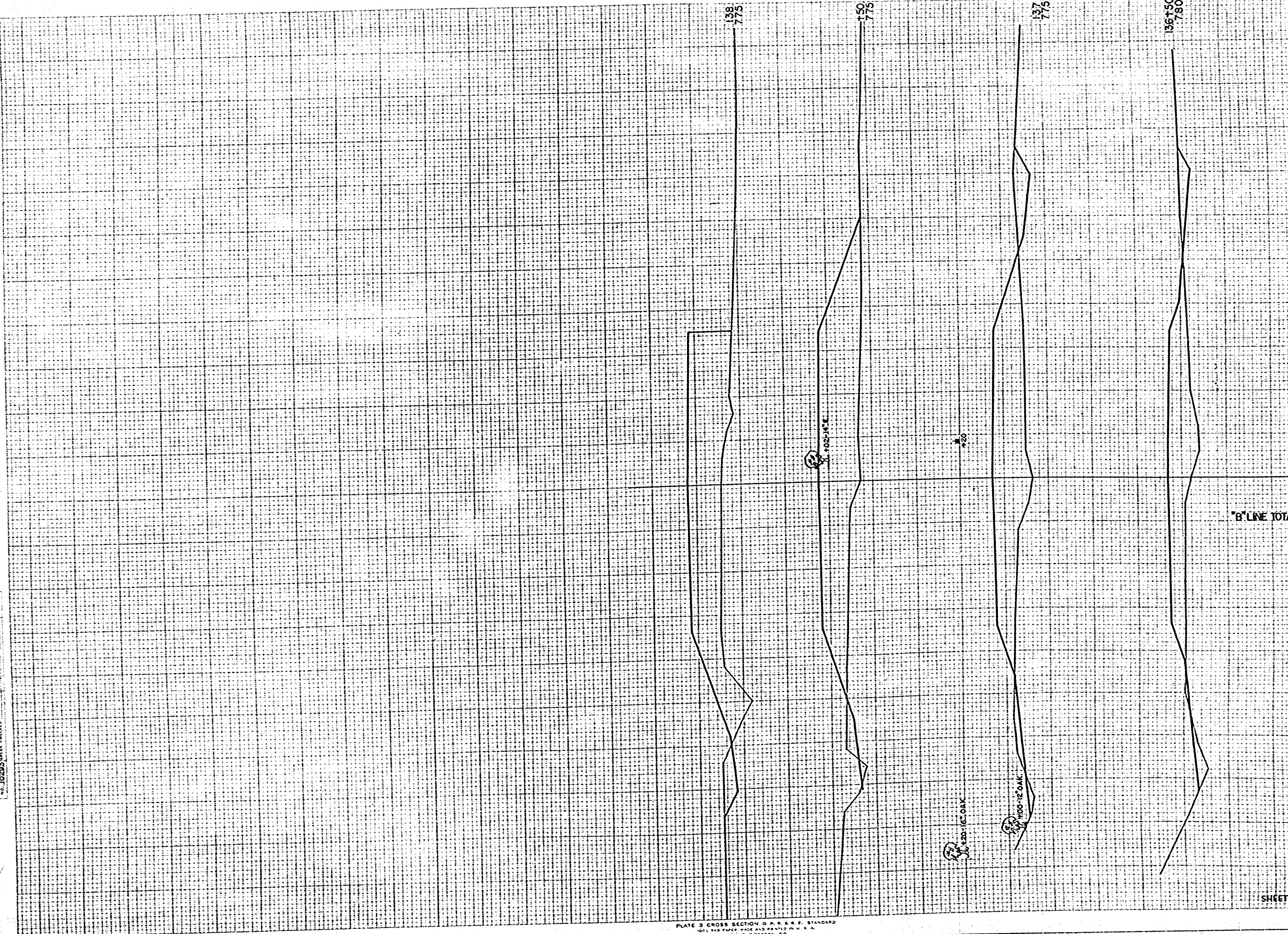


STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
132		0	0
+50		0	0
133		100	2
+50		163	6
134		98	13
+50		43	33
135		28	56
+50		35	83
136			
SHEET TOTAL		467	193

FINAL SURVEY SHEET
 NOTE BOOK NO. 10293
 DRAWN BY: JAVAR CHEGEO
 CHECKED BY: JAVAR CHEGEO

ORIGINAL SURVEY SHEET
 NOTE BOOK NO. 10293
 DRAWN BY: JAVAR CHEGEO
 CHECKED BY: JAVAR CHEGEO

BPA DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
W.S. 4	S 0324 (I)	62	63



STATION	DISTANCE	YARDAGE		
		UNCL.		FILL
136				
+50		24		133
137		24		206
+50		22		294
138		13		326
+18		0		0
"B" LINE TOTAL		550		1152
SHEET TOTAL		83		959

FINAL SURVEY NOTE BOOK NO. 10295

ORIGINAL SURVEY NOTE BOOK NO. 10295

STATE DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S 0324 (1)	65	65

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
0			
+17	2		52
+150	4		76
1	6		194
2	7		220
3	44		126
4	15		11
+40			
"E" LINE TOTAL		78	679
SHEET TOTAL		78	67

4+40
770
4
765
3
760
2
760
1
755
0+50
750

ORIGINAL SURVEY COPY NO. 10293

FINAL SURVEY COPY NO. 10293