COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		B.P.R. REGION DIVISION	SHEET NUMBER	
		STATE	FEDERAL			
44.6	1254.0		11.4	4 WIS.	1	22

INDEX OF SHEETS

SHEET NO. 1 TITLE
SHEET NO. 2 TYPICAL CROSS SECTIONS
SHEET NO. 2 ESTIMATE OF QUANTITIES
SHEET NO. 2 MISCELLANEOUS QUANTITIES
SHEET NO. - RIGHT OF WAY PLAT
SHEET NO. 3-6 PLAN AND PROFILE STA. 3+00 TO STA. 102+99.9
SHEET NO. 7-11 STANDARD DETAILS
SHEET NO. - DRAINAGE STRUCTURES
SHEET NO. 12-22 CROSS SECTIONS

STATE OF WISCONSIN

STATE HIGHWAY COMMISSION OF WISCONSIN

PLAN AND PROFILE OF PROPOSED

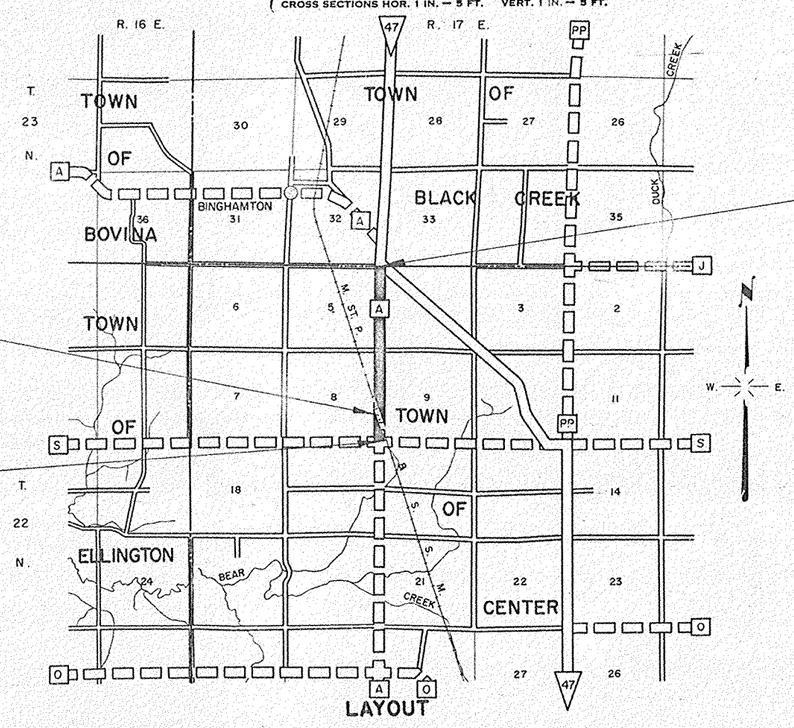
C.T.H. "S" - S.T.H. 47 ROAD
C.T.H. "A"

OUTAGAMIE COUNTY

PROJECT S 1254(4)

RECEIVED
MAY 11 1961
OUTAGAMIE COUNTY
HIGHWAY COMMISSION

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. 102+99.9 END OF PROJ. S 1254(4)
15.7' E. OF S.W. COR. SEC. 33, T. 23N, R. 17E.

STA. 14+20.08 TO STA. 14+61.62
EXCEPTION TO NET LENGTH OF ℄

STA. 3+00 BEG. OF PROJ. S 1254(4)
S.E. COR. SEC. 8, T. 22 N., R. 17E.

TOTAL NET LENGTH OF CENTERLINE = 1.886 MI.

County Project #105

A-7

(1460)

CONVENTIONAL SIGNS

STATE LINE
COUNTY LINE
TOWNSHIP OR RANGE LINE
SECTION LINE
NEW RIGHT OF WAY LINE
PRESENT RIGHT OF WAY LINE
WIRE FENCE { WOVEN / BARBED
LOT LINE
CORPORATE OR CITY LIMITS
PROPERTY LINE — P.L. + 32.6
TRAVELED WAY OR P.E.
RAILROADS
BASE OR SURVEY LINE — 30

CULVERTS IN PLACE
CULVERTS REQUIRED
DROP INLET
POWER POLE
TELEPHONE OR TELEGRAPH POLE
RIGHT OF WAY MARKERS
REFERENCE STAKE FOR HUBS ONLY — +15.7 / 25.9
MARSH
HEDGE
TREES
GROUND ELEVATION — DATUM LINE — 73.9
GRADE ELEVATION — DATUM LINE — 75.16

STATE HIGHWAY
COMMISSION OF WISCONSIN
MADISON, WIS.

SURVEYOR R.W.B. C.F.S. NOTE BOOK 270-271
DISTRICT COMPUTER C.W.M. M. O. CHECKER P.L.C.
DISTRICT CHECKER W.F.S. CORRECT

CORRECT:
DATE 4-14-61 [signature] DISTRICT ENGINEER

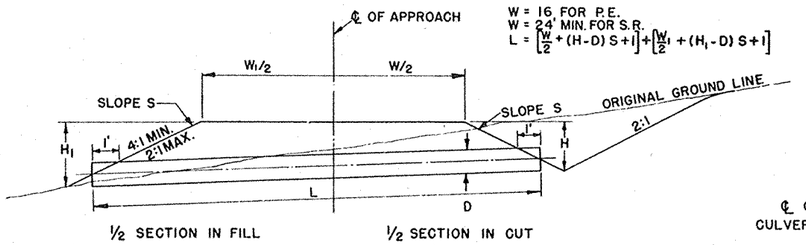
RECOMMENDED FOR APPROVAL:
DATE 4/19/61 J. S. Pfeff ENGINEER OF DESIGN

APPROVED:
DATE 4/19/61 E. C. Rostine STATE HIGHWAY ENGINEER

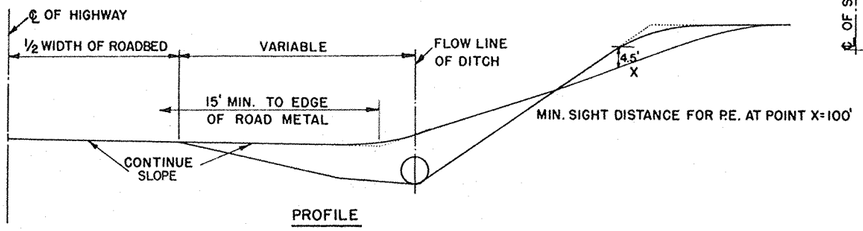
DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED:
DATE
DIVISION ENGINEER

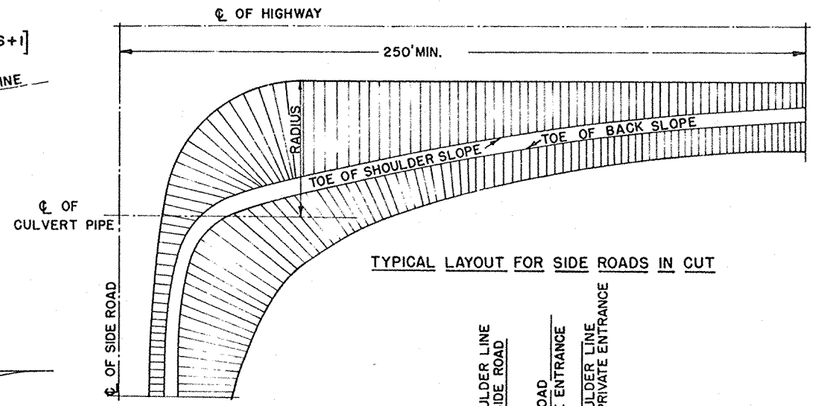
A-7



TYPICAL CROSS SECTION

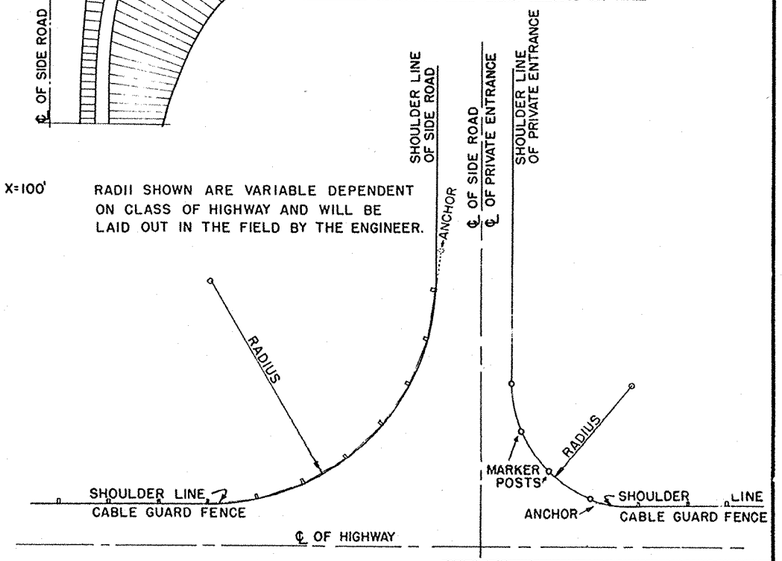


PROFILE



TYPICAL LAYOUT FOR SIDE ROADS IN CUT

RADII SHOWN ARE VARIABLE DEPENDENT ON CLASS OF HIGHWAY AND WILL BE LAID OUT IN THE FIELD BY THE ENGINEER.



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:

DESIGN ENGINEER

DATE — CONSTRUCTION ENGINEER

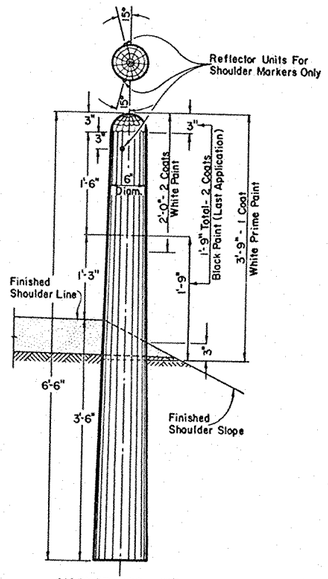
APPROVED:- OCT. 1, 1945

DRAWN

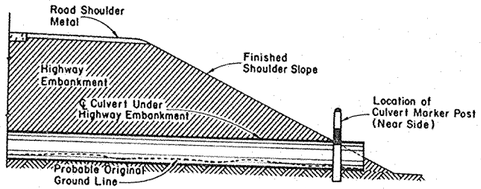
CHECKED

DATE — STATE HIGHWAY ENGINEER

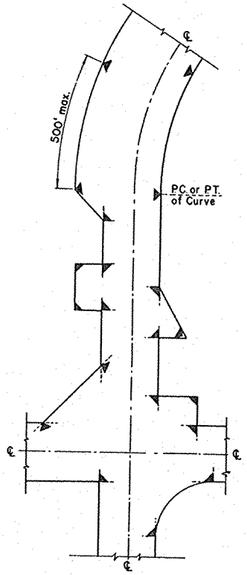
1-3.1.1



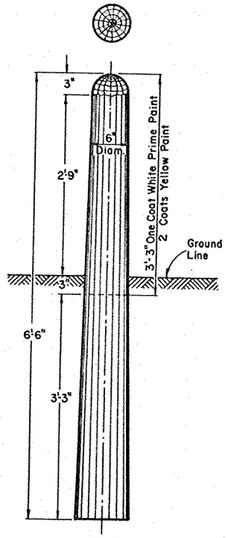
MARKER POST FOR ROAD SHOULDERS AND CULVERTS



SECTION
SHOWING RELATIVE LOCATION OF MARKER POST FOR CULVERTS

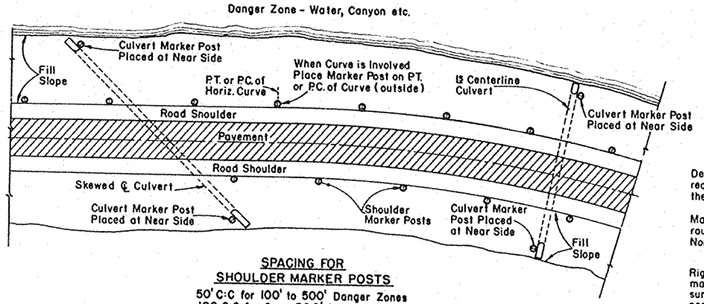


LOCATION DIAGRAM
SHOWING TYPICAL LOCATIONS OF MARKER POSTS FOR RIGHT OF WAY



MARKER POST FOR RIGHT OF WAY

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

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 paint 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 stayed in posts. Reflector Units shall be installed in Road Shoulder Marker Posts only.

BID ITEMS

No. 2523-5 Marker Posts.....Each
No. 2523-6 Marker Posts for Right of Way.....Each

MARKER POSTS &
MARKER POSTS FOR RIGHT OF WAY

STATE HIGHWAY COMMISSION OF WISCONSIN

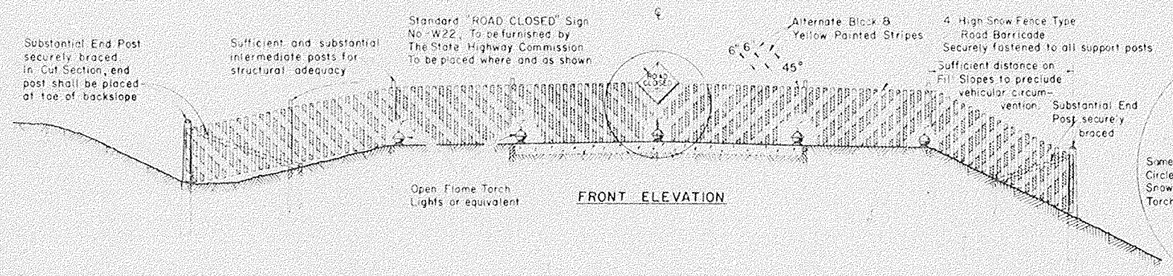
RECOMMENDED FOR APPROVAL

5/16/57 DATE — J. S. Pitt ENGINEER OF DESIGN

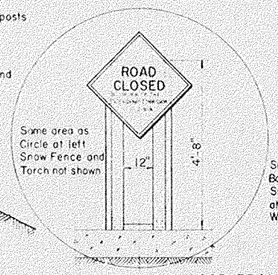
APPROVED:

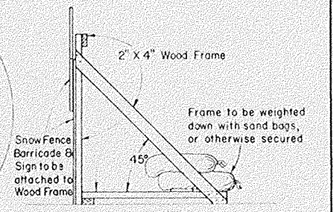
5/16/57 DATE — E. L. Rettiger STATE HIGHWAY ENGINEER

PLATE NO. 7-1.3.3.



FRONT ELEVATION





SIDE ELEVATION

STANDARD ROAD CONSTRUCTION BARRICADE

SNOW FENCE TYPE-"A"

WOOD FRAME SUPPORT AT ℄ 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 Engineers 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

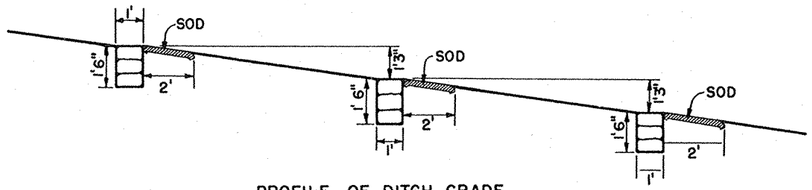
STATE HIGHWAY COMMISSION OF WISCONSIN

RECOMMENDED FOR APPROVAL:

6/2/55 — DATE — J. S. Pelt — ENGINEER OF DESIGN

APPROVED:

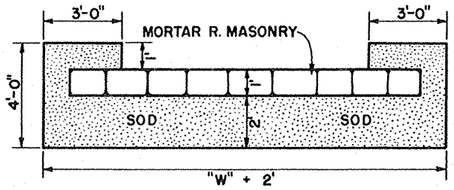
6/2/55 — DATE — E. C. Ruettiger — STATE HIGHWAY ENGINEER



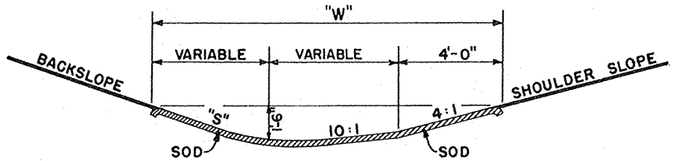
PROFILE OF DITCH GRADE

PROFILE OF DITCH GRADE

NOTE: NUMBER REQUIRED WILL BE DETERMINED BY VERTICAL SPACING.



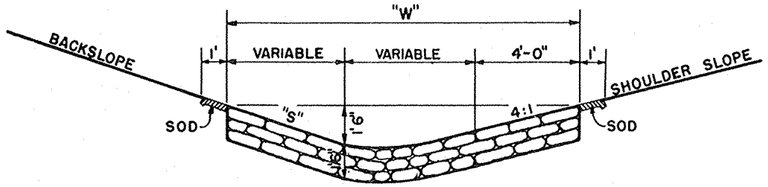
PLAN VIEW SHOWING SOD



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:

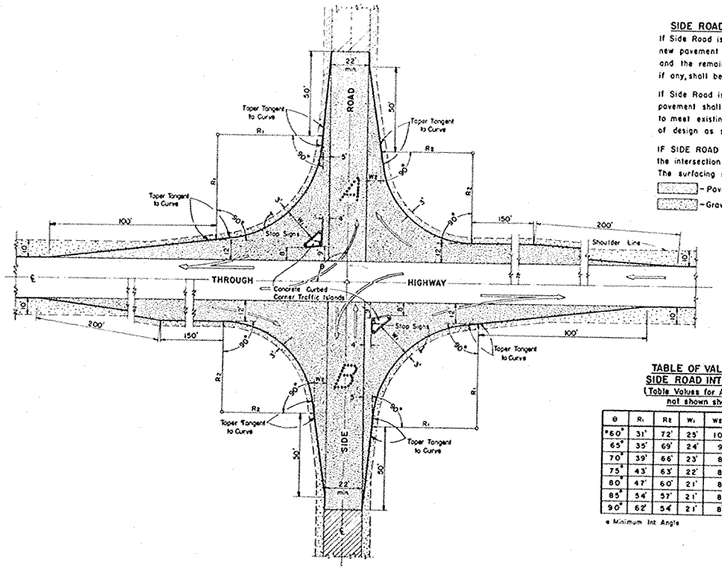
Frank Cesare
DESIGN ENGINEER

DATE:
CONSTRUCTION ENGINEER

APPROVED:
E. L. Roettiger
STATE HIGHWAY ENGINEER

DRAWN DIV 9
CHECKED N.F.C.

8-1.3.1



SIDE ROAD SURFACING NOTE

If Side Road is not presently surfaced, new pavement shall be placed as shown, and the remainder to construction limits, if any, shall be gravel or crushed stone surfaced.

If Side Road is presently paved, new pavement shall be placed only as necessary to meet existing pavement, and to limits of design as shown.

IF SIDE ROAD IS THE CONSTRUCTION PROJECT, the intersection geometrics remain as shown. The surfacing shall be same as for the project.

- Pavement
- Gravel or Crushed Stone

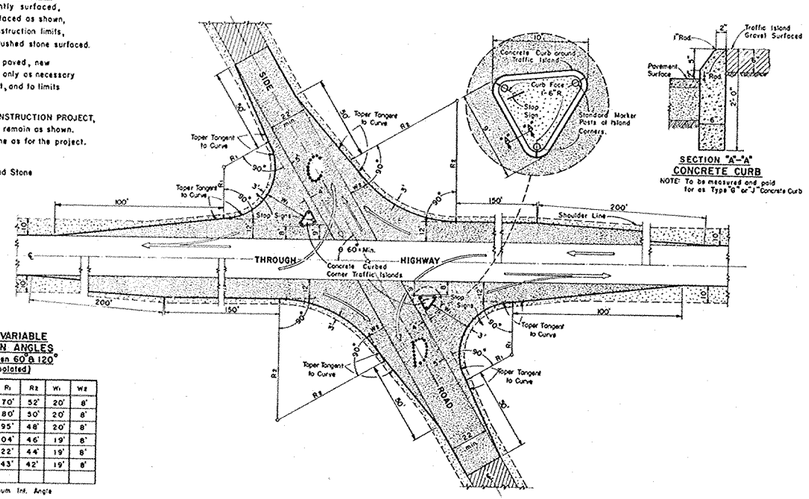
TABLE OF VALUES FOR VARIABLE SIDE ROAD INTERSECTION ANGLES
(Table Values for Angles between 60° & 120° not shown shall be interpolated)

Ø	R1	R2	W1	W2
*60°	31'	72'	25'	10'
65°	35'	69'	24'	9'
70°	39'	66'	23'	8'
75°	43'	63'	22'	8'
80°	47'	60'	21'	8'
85°	54'	57'	21'	8'
90°	62'	54'	21'	8'

Ø	R1	R2	W1	W2
95°	70'	52'	20'	8'
100°	80'	50'	20'	8'
105°	95'	48'	20'	8'
110°	104'	46'	19'	8'
115°	122'	44'	19'	8'
*120°	143'	42'	19'	8'

* Minimum Int. Angle

* Maximum Int. Angle



MAJOR SIDE ROAD INTERSECTION DESIGN DETAILS

To be used only when current ADT on Through Highway is 1500 or over, and on Side Road is Over 200

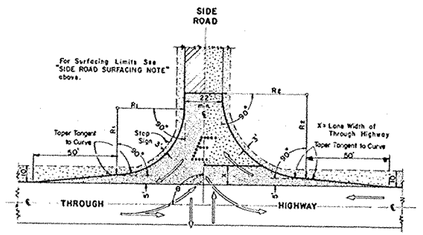


TABLE OF VALUES FOR VARIABLE SIDE ROAD INTERSECTION ANGLES
(Table Values for Angles between 60° & 120° not shown shall be interpolated)

Ø	R1	R2
* 60°	40'	50'
65°	40'	50'
70°	40'	50'
75°	40'	50'
80°	40'	50'
85°	40'	50'
90°	40'	50'

Ø	R1	R2
95°	45'	49'
100°	50'	48'
105°	55'	47'
110°	60'	46'
115°	65'	45'
**120°	70'	44'

* Minimum Int. Angle

** Maximum Int. Angle

MINOR SIDE ROAD INTERSECTION DESIGN DETAILS

To be used when current ADT on Through Highway is Less than 1500 or on Side Road is Less than 200

GENERAL NOTES

Designs "A" "B" "C" "D" or "E" may be used interchangeably in combination or separately for any one complete intersection depending upon Traffic Volume, Intersection angle and Surfacing of each approach roadway.

Details on this drawing are for Minimum Design Only, and not applicable to Special Conditions, as shown elsewhere on the plans.

DESIGN & LAYOUT DETAILS FOR SIDE ROAD AT GRADE INTERSECTIONS
(RURAL IN CHARACTER)

STATE HIGHWAY COMMISSION OF WISCONSIN

RECOMMENDED FOR APPROVAL
DATE 1/17/58 — ENGINEER OF DESIGN

APPROVED
DATE 1/17/58 — STATE HIGHWAY ENGINEER

PLATE NO. 9-113

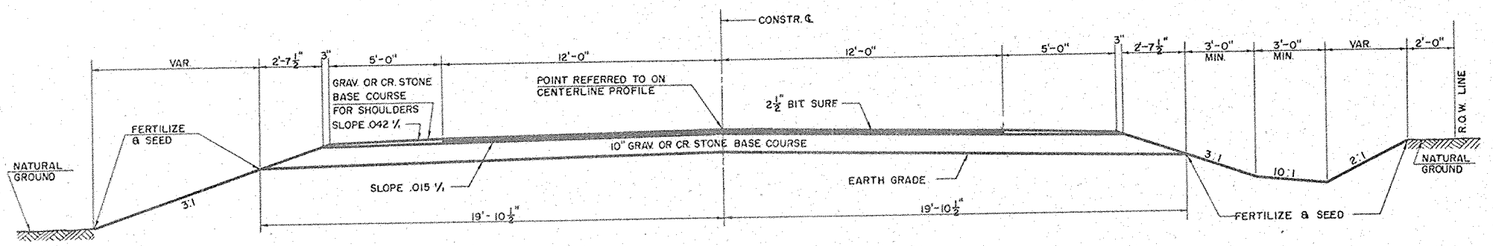
CONTRACT NO. I-2

PROJECT	SHEET NUMBER	TOTAL SHEETS
S 1254 (4)	2	22

ESTIMATE OF QUANTITIES

THIS PROJECT IS TO BE EXECUTED UNDER THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE STATE HIGHWAY COMMISSION OF WISCONSIN — EDITION OF 1957 APPROVED AUGUST 9, 1957, AND SPECIAL PROVISIONS AS ATTACHED TO PROPOSALS.

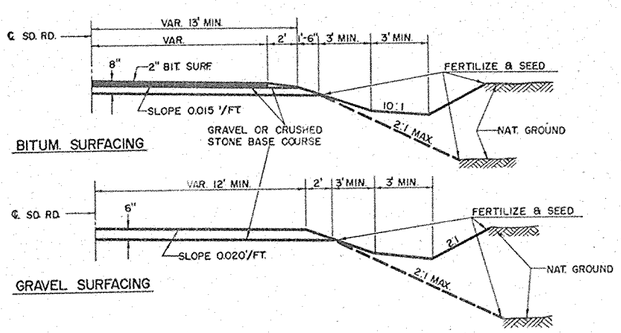
CONTRACT	STATION TO STATION	NET LENGTH OF CENTER LINE	CLEARING	GRUBBING	EXCAVATION			SAND GRAVEL FILL	FINISHING ROADWAY	OBLITERATING OLD ROAD	GRAVEL OR CRUSHED STONE BASE COURSE		C.P.					RIP-RAP	GUARD FENCE		MARKER POSTS	MARKER POSTS FOR R/W		M.R. DITCH CHECKS	CONC. CURB TYPE "J"			GRAV. OR CRUSHED STONE BASE COURSE FOR SHLDRS		BIT. MAT. FOR PRIME COAT	BIT. ROAD MIX SURF	AGG. FOR BITUM. RD. MIX SURF	BIT. MATERIAL FOR SURFACE COURSE		CAL. CHLOR. SURF. TREAT		TOPSOIL		FERTILIZER	SEEDING	
	ITEM NO.		2101-2	2101-5	210 -	2106-5	210 -	2110-1	2114-1	2116-1	2203-1	2203-1A	2411-1	2411-2	2411-3			2512-1	2523-	2523-	2523-5	2523-6		2516-3	2521-1			2203-1B		2311-1	2313-1	2313-2	2313-3		2525-1		2528-1	2528-2	2531-1	2532-1	
	UNIT	LIN. FT.	I.D.	I.D.	C.Y.	C.Y.	C.Y.	C.Y.	L.S.	STA.	TONS	TONS	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	C.Y.	LIN. FT.		EACH	EACH		C.Y.	LIN. FT.			TON		GAL.	S.Y.	TON	GAL.		TON		SQ. YD.	SQ. YD.	CWT.	SQ. YD.	
1	3+00 - 102+99.90	9,958.36	442	454		24,701			1			23,970	416	620	182						35			25	30			1,400		4,700	28,500		50,400		13.5				45	49,100	
																																4,000									
2	3+00 - 102+99.90	9,958.36									25,370																														
1/2		9,958.36	442	454		24,701			1		25,370	23,970	416	620	182						35			25	30			1,400		4,700	28,500	4,000	50,400		13.5				45	49,100	



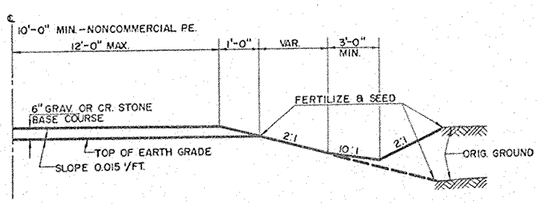
IN FILL

IN CUT

TYPICAL SECTION



1/2 SECTION FOR SD. RD'S.



1/2 SECTION FOR P.E'S

C.P.				
STATION	LOCATION	DIA.	LIN. FT.	TYPE
6+54	℄	24"	46	C.P.
16+50	℄	24"	54	"
22+74	℄	24"	50	"
24+98	℄	30"	54	"
37+30	℄	24"	56	"
41+38	℄	30"	60	"
50+00	℄	24"	52	"
52+52	℄	24"	56	"
56+25	℄	24"	58	"
59+29	℄	24"	68	"
73+50	℄	24"	60	"
82+24	℄	30"	68	"
97+56	℄	24"	66	"
101+90	℄	24"	54	"
13 P.E.'S EACH 18" X 32'			416	"

GRAV. OR CRUSHED STONE BASE COURSE	
LOCATION	TON
CENTERLINE	23,250
P.E.'S & SD. RD'S	720
SHOULDERS	1,400
TOTAL	25,370

GENERAL NOTES

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

WHEN THE QUANTITY OF ITEMS OF SUBBASE, BASE OR SURFACE COURSE IS MEASURED FOR PAYMENT BY THE TON OR CUBIC YARD, THE DEPTH OR THICKNESS OF THE COURSE SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL DIRECTED BY THE ENGINEER.

STANDARD DETAIL DRAWINGS

- DETAILS OF P.E. & SD. ROAD APPROACHES ____ 1-3.1.1
- MARKER POST ____ 7-1.3.3
- CONSTRUCTION BARRICADE ____ 7-4.1.2
- DITCH CHECKS ____ 8-1.3.1
- DESIGN & LAYOUT FOR SD. RD'S ____ 9-1.1.3

TYPICAL CROSS SECTION

FOR

34 FT. ROADBED - 24 FT. BIT. PAV'T.

AND

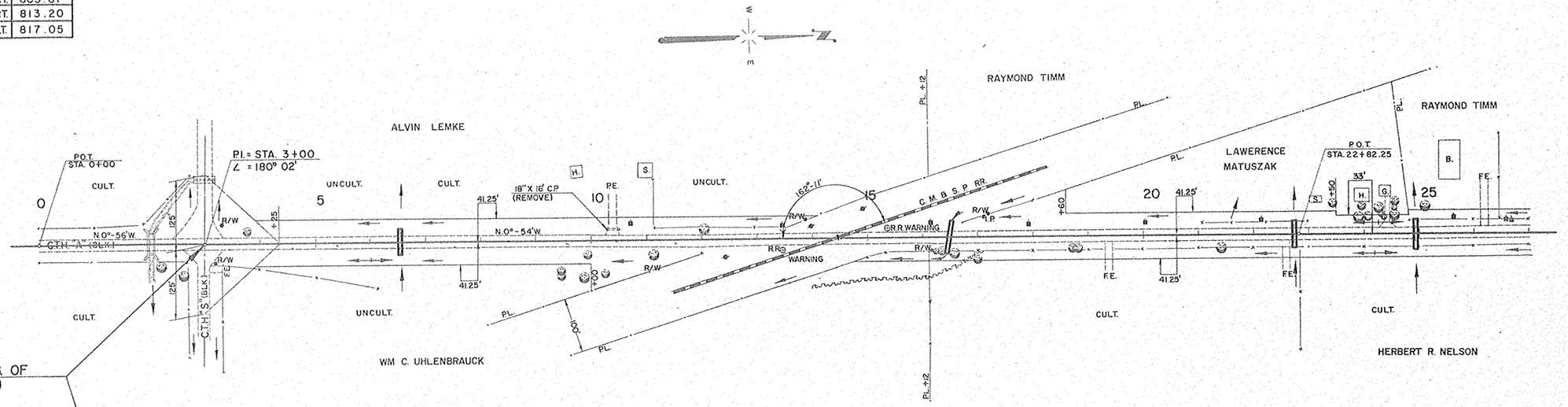
MISCELLANEOUS CONSTRUCTION DETAILS

SCALE VARIABLE

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S 1254 (4)	3	22

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
1	1 + 95	PT. MK. S.W. CORNER W.WALL 16' LT.	804.14
2	9 + 65	SPIKE IN 20" OAK 65' RT.	805.81
3	17 + 00	" " 28" ELM 40' RT.	813.20
4	25 + 10	" " 28" ELM 50' LT.	817.05



NET LENGTH OF CENTERLINE		
STATION TO STATION		LIN. FT.
3 + 00	25 + 00	2,158.46

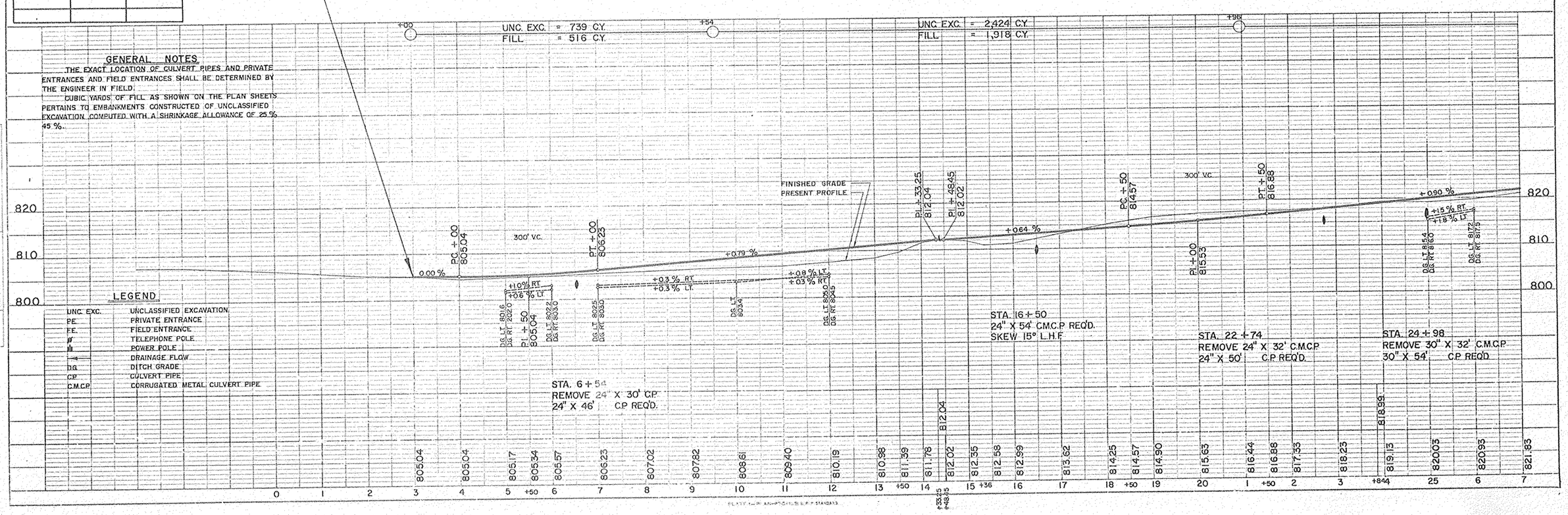
UNC. EXC. = 739 C.Y.
FILL = 516 C.Y.

UNC. EXC. = 2,424 C.Y.
FILL = 1,918 C.Y.

GENERAL NOTES

THE EXACT LOCATION OF CULVERT PIPES AND PRIVATE ENTRANCES AND FIELD ENTRANCES SHALL BE DETERMINED BY THE ENGINEER IN FIELD.

CUBIC YARDS OF FILL AS SHOWN ON THE PLAN SHEETS PERTAINS TO EMBANKMENTS CONSTRUCTED OF UNCLASSIFIED EXCAVATION COMPUTED WITH A SHRINKAGE ALLOWANCE OF 25 % 45 %.



LEGEND

UNC. EXC.	UNCLASSIFIED EXCAVATION
PE	PRIVATE ENTRANCE
FE	FIELD ENTRANCE
	TELEPHONE POLE
	POWER POLE
	DRAINAGE FLOW
DG	DITCH GRADE
CP	CULVERT PIPE
C.M.C.P.	CORRUGATED METAL CULVERT PIPE

PLAN — NOTE BOOK NO. 270 — SCALE FOR PLOTTING ALIGNMENT CHECKED TE OF AXE RECEIVED

PROFILE — NOTE BOOK NO. 271 — PLOTTED 1/100 VERT. 1/10 HORZ. CHECKED R. M. GAUTCH CONTROL: ENGINEER OF RDWAY

DATE 2-60 3-60 3-60 3-60

BY R.H.B. R.W.S. N.F.H.

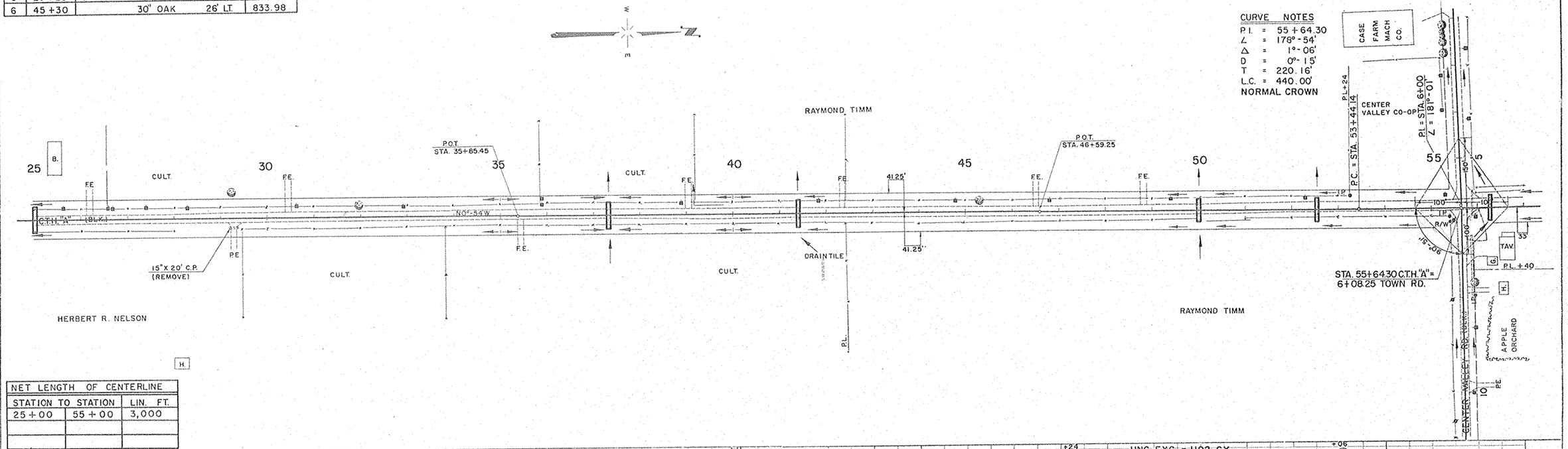
BPR DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S 1254 (4)	4	22

BENCH MARKS

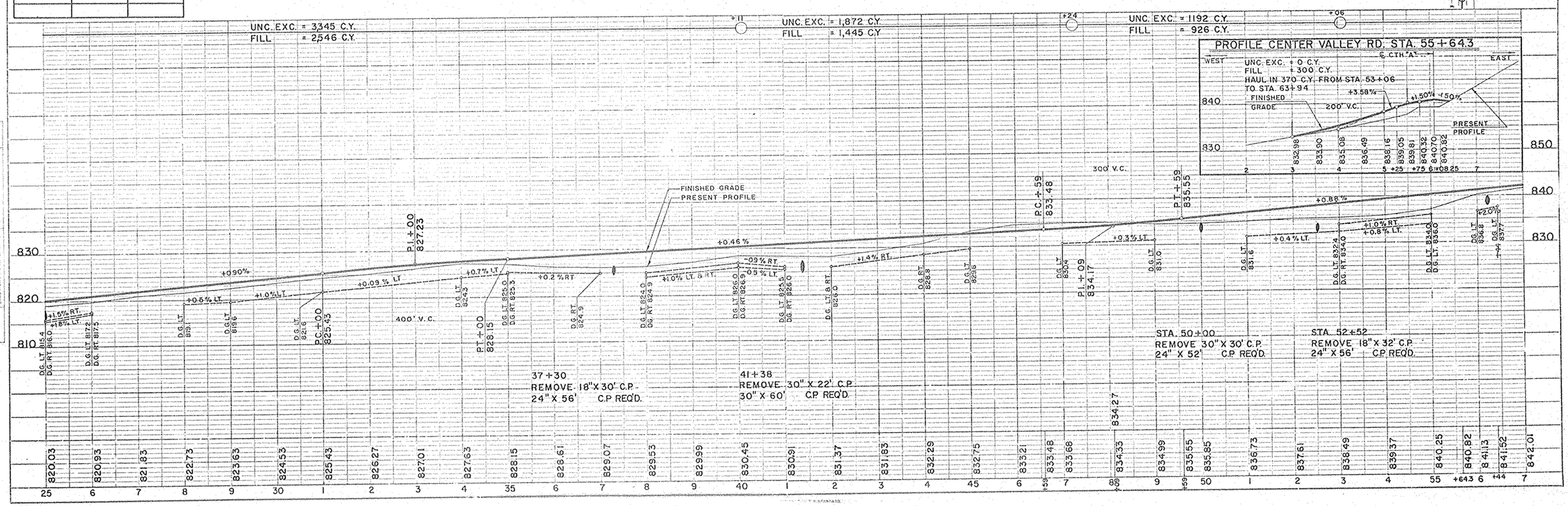
NO.	STATION	DESCRIPTION	ELEV.
5	29 + 20	SPIKE IN 24" ASH 65' LT.	821.73
6	45 + 30	30" OAK 26' LT.	833.98

CURVE NOTES

P.I. = 55 + 64.30
∠ = 178° - 54'
Δ = 1° - 06'
D = 0° - 15'
T = 220.16'
L.C. = 440.00'
NORMAL CROWN



NET LENGTH OF CENTERLINE		
STATION TO STATION		LIN. FT.
25 + 00	55 + 00	3,000



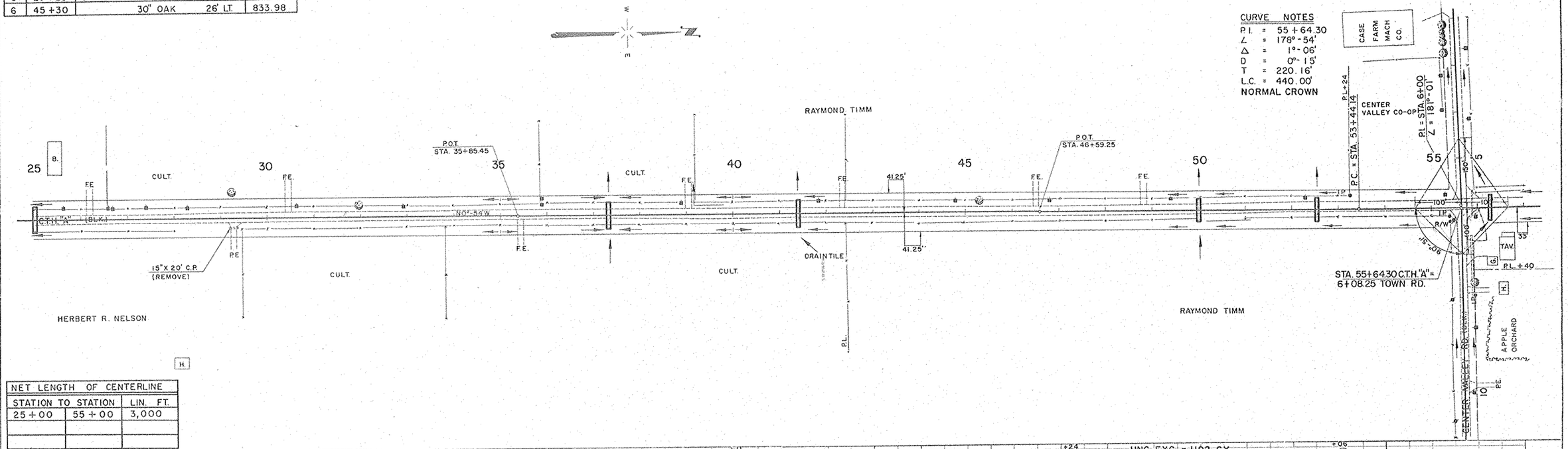
BPR DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S 1254 (4)	4	22

BENCH MARKS

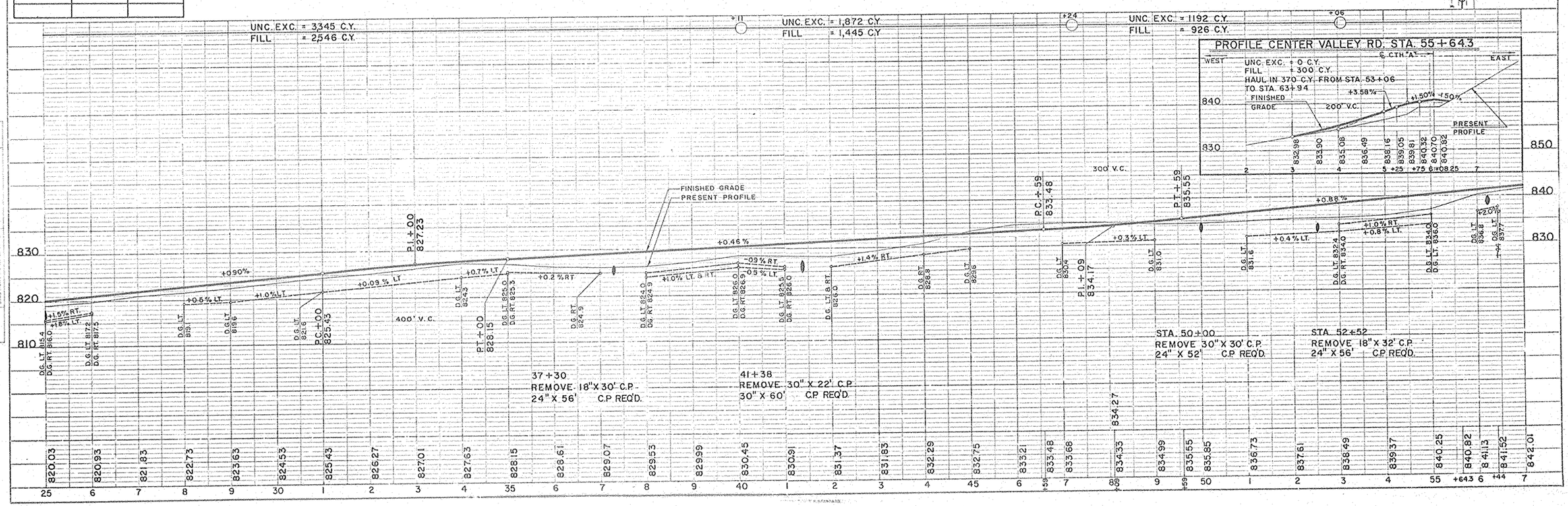
NO.	STATION	DESCRIPTION	ELEV.
5	29 + 20	SPIKE IN 24" ASH 65' LT.	821.73
6	45 + 30	30" OAK 26' LT.	833.98

CURVE NOTES

P.I. = 55 + 64.30
∠ = 178° - 54'
Δ = 1° - 06'
D = 0° - 15'
T = 220.16'
L.C. = 440.00'
NORMAL CROWN



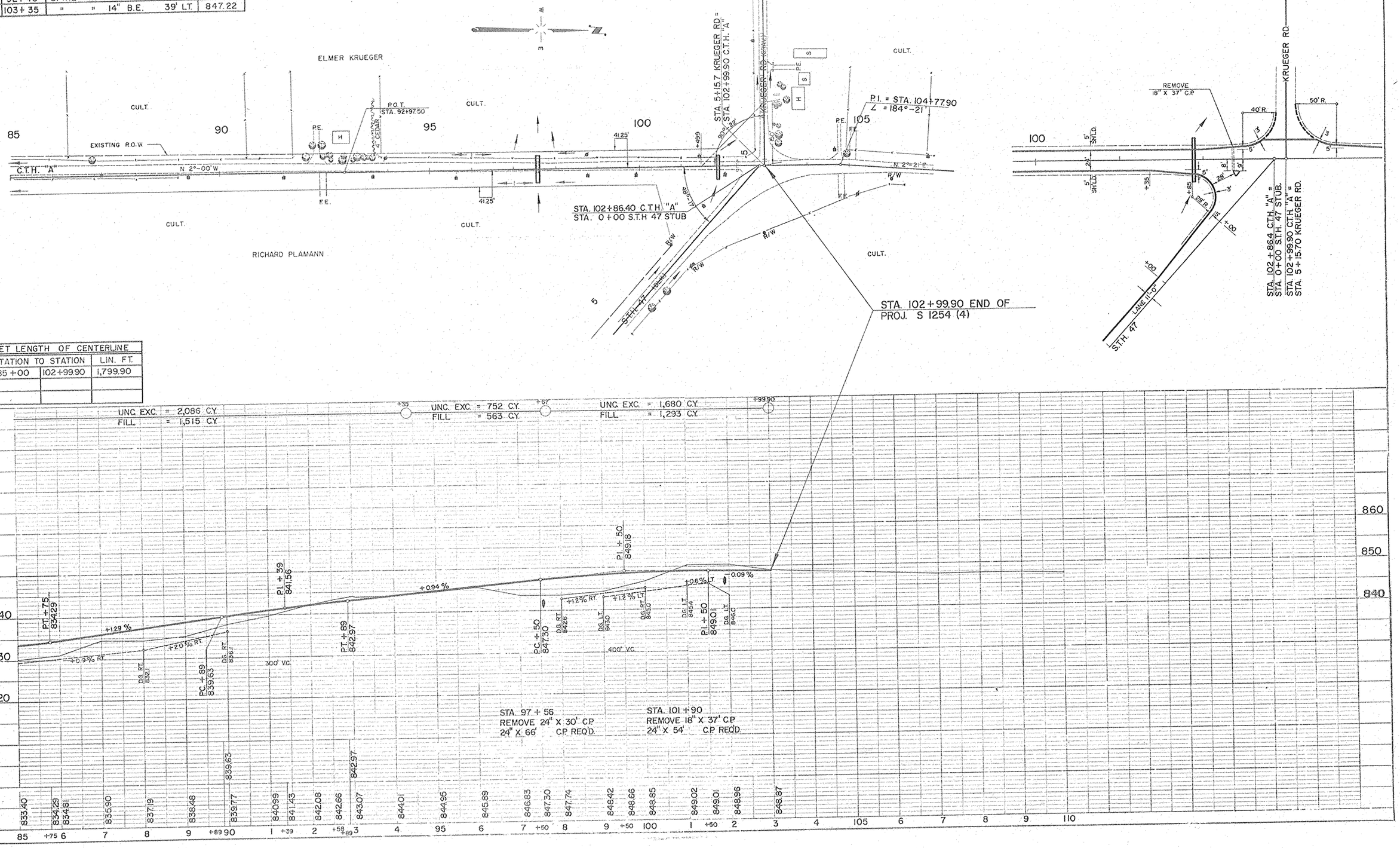
NET LENGTH OF CENTERLINE		
STATION TO STATION		LIN. FT.
25 + 00	55 + 00	3,000



STATE	FED. DIV.	PROJECT	SHEET NUMBER	TOTAL SHEETS
	4	S 1254(4)	6	22

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
13	92+43	SPIKE IN 10" B.E. 64' LT.	843.41
14	103+35	" " 14" B.E. 39' LT.	847.22



NET LENGTH OF CENTERLINE

STATION TO STATION		LIN. FT.
85+00	102+99.90	1,799.90

PLAN — SURVEYED: PLAT: N/A; CROSS SECTIONS: N/A; RIGHT OF WAY STAKED: NOTE BOOK NO. 270

PROFILE — SURVEYED: N/A; CROSS SECTIONS: N/A; RIGHT OF WAY STAKED: NOTE BOOK NO. 271

DATE: 2-60, 3-60, 5-60

G. E. SCHOEN, R. W. BUCCI, H. E. WEBER, N. E. H.

ORIGINAL SURVEY				
NOTE BOOK NO. 271	PLOTTED			
	TEMPLATE			
	AREAS			
	AREAS CHECKED			

FINAL STANDARD				
NOTE BOOK NO.	PLOTTED			
	TEMPLATE			
	AREAS			
	AREAS CHECKED			

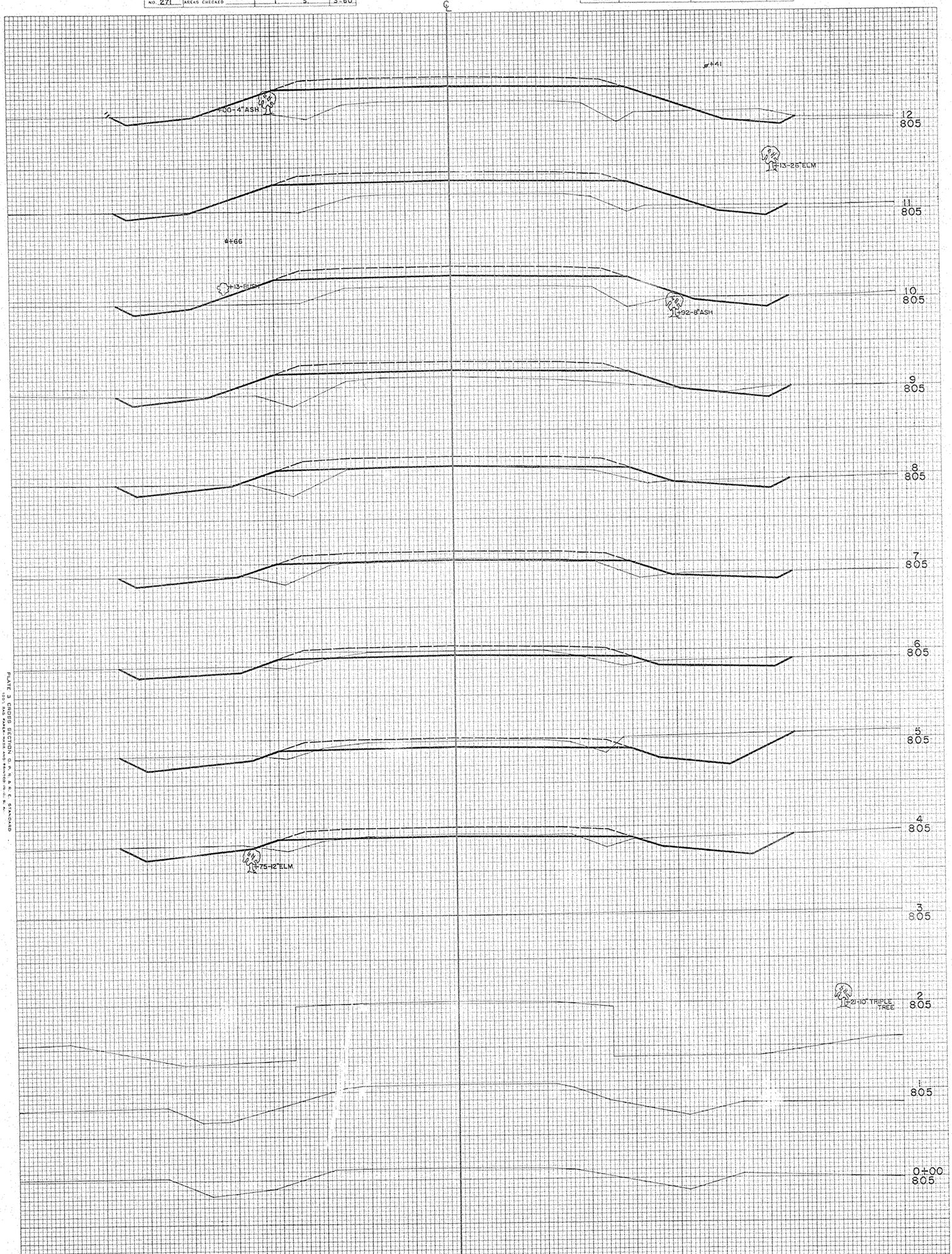


PLATE 3. CROSS SECTION C.R.N. & R.R. STANDARD
100' R.R. RAN-AWAY TRACK AND RANCH ROAD

SHEET TOTAL														
STATION	3	4	5	6	7	8	9	10	11	12				
DISTANCE														
YARDAGE EXCAVATION UNCL.	78	224	208	91	61	52	46	48	50					858
YARDAGE FILL	17	24	24	54	89	167	26	33	380					1347

B.P. CONTRACT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S 1254 (4)	12	22

ORIGINAL SURVEY		BY	DATE
NOTE BOOK NO. 271	SURVEYED	R. W. B.	2-60
	PLOTTED	H. P. K.	3-60
	TEMPLATE	H. P. K.	3-60
	AREAS	J. T. S.	3-60
	AREAS CHECKED		3-60

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

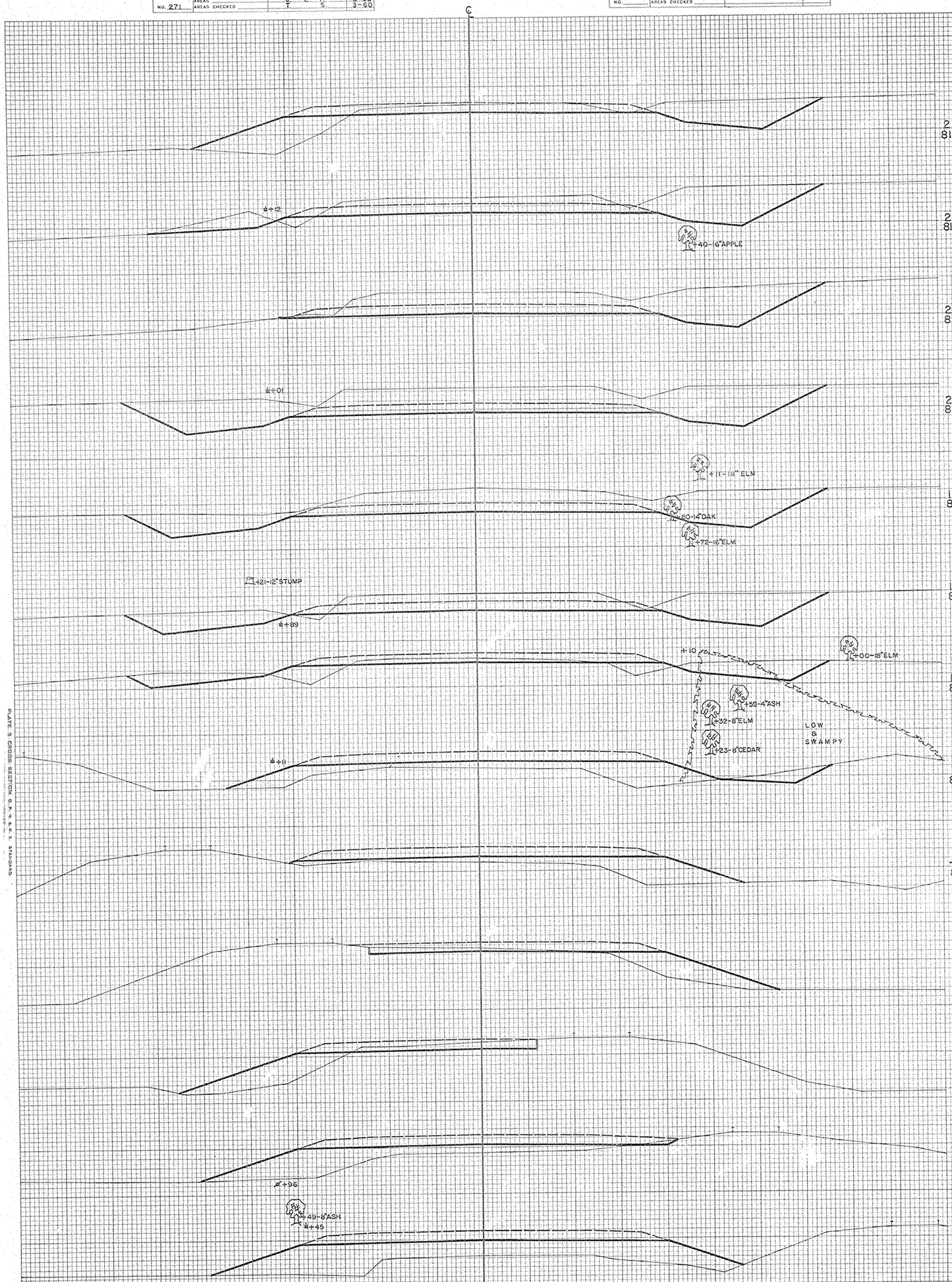
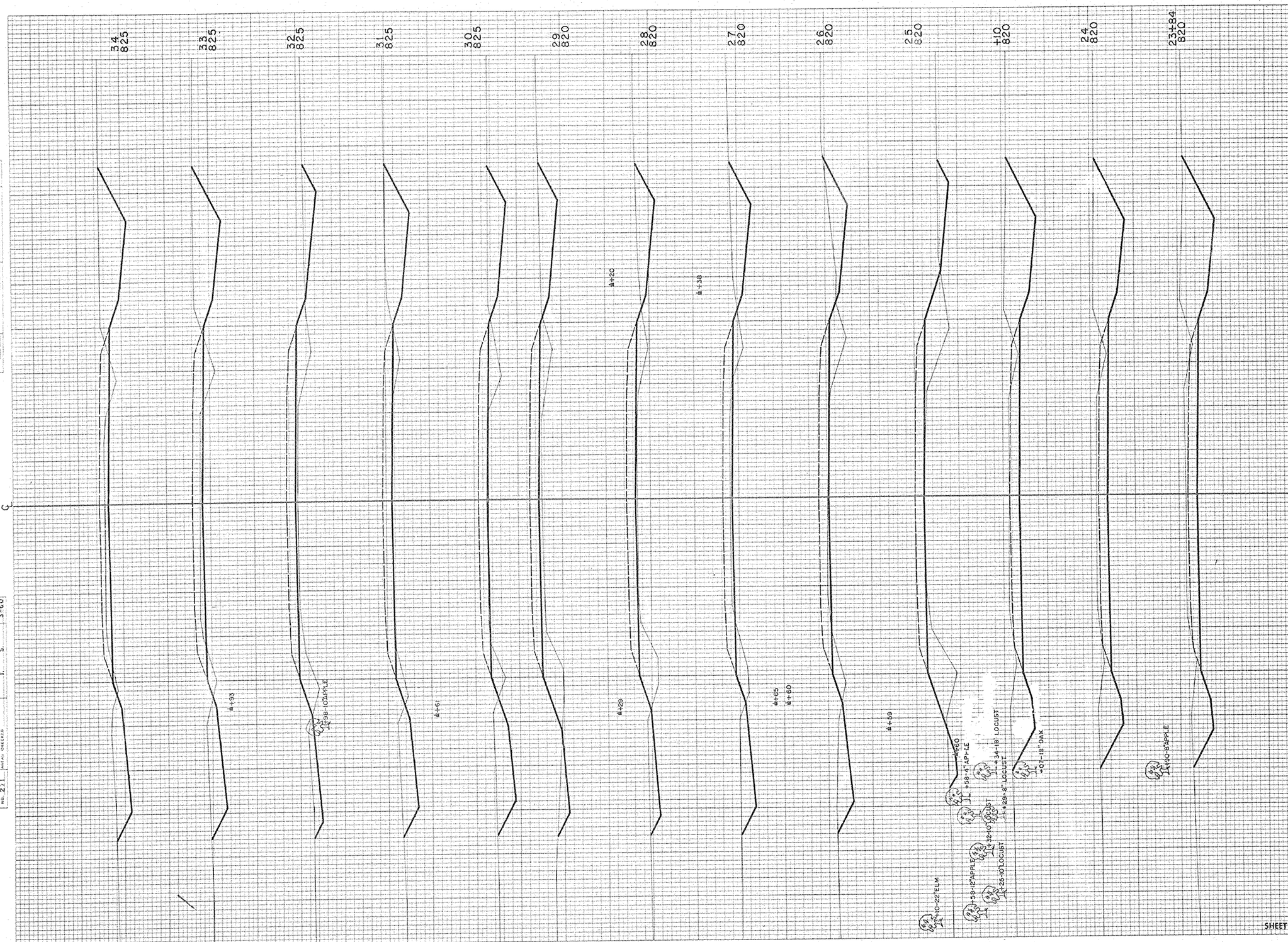


PLATE 3 CROSS SECTION G.A.W.B.R. STANDARD

STATION	DISTANCE	UNCL. EXCAVATION	FILL
23		370	68
22		494	6
21		622	0
20		667	0
19		533	2
18		326	30
17		104	133
16		9	124
+35		6	48
15		37	109
14		11	82
+50		2	157
13		28	402
12			
SHEET TOTAL		3209	1161

YARDAGE

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S 1254(4)	12	22



B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	SHS
WIS. 4	S 1254 (4)	14	22

STATION	DISTANCE	YARDAGE EXCAVATION UNCL			FILL
23					
		285			54
+84					
		67			0
24					
		41			0
+10					
		204			70
25					
		91			107
26					
		150			52
27					
		141			67
28					
		111			102
29					
		139			82
30					
		185			37
31					
		139			67
32					
		172			68
33					
		280			22
34					
SHEET TOTAL		2005			728

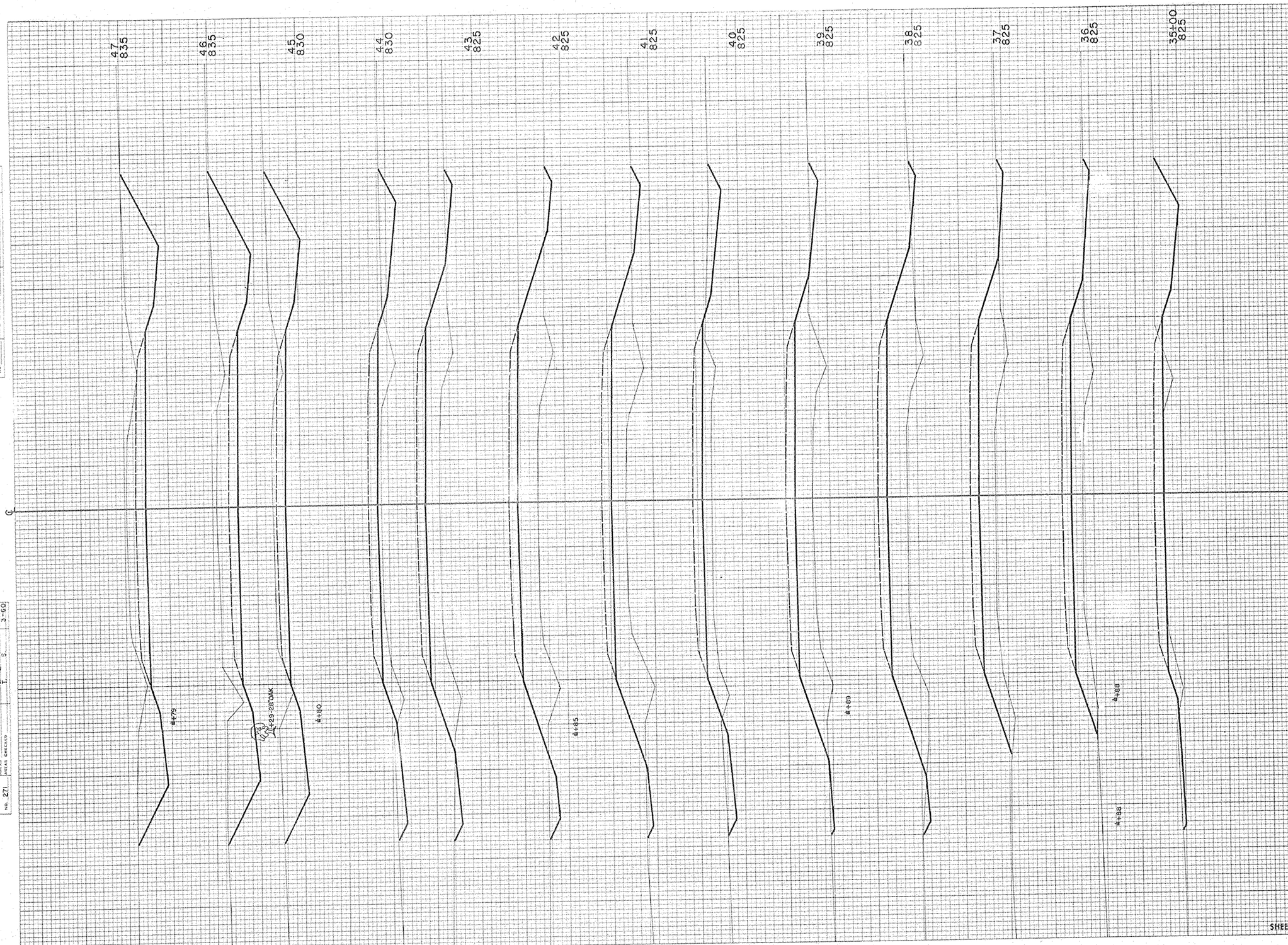
FINAL SURVEY		
NOTE BOOK	SURVEYED	
	PLOTTED	
	TEMPLATE	
	AREAS	
NO.	AREAS CHECKED	

		DATE
BY		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED	R.W.B.	2-60
	PLOTTED	K.E.E.	1-60
	TEMPLATE	J.L.	1-60
NO. 211	AREAS	J.L.	3-60
	AREAS CHECKED		

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD
100% RAG PAPER MADE AND PRINTED IN U.S.A.

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S 1254 (4)	15	22



STATION	DISTANCE	YARDAGE EXCAVATION UNCL	YARDAGE EXCAVATION FILL
34			
		224	28
35			
		85	154
36			
		17	324
37			
		18	468
38			
		26	463
39			
		59	294
40			
		63	296
41			
		43	454
42			
		43	422
43			
		72	241
44			
		300	65
45			
		585	0
46			
		637	0
47			
SHEET TOTAL		2172	3189

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

ORIGINAL SURVEY — SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED — NOTE BOOK 271 — NO. — DATE 2-60 / 3-60 / 3-60 / 3-60 — BY R. W. B. / H. K. / J. E. / T. S.

PLATE 3 CROSS SECTION B.P.R. & A.R.E. STANDARDS

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S 1254(4)	16	22

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	YARDAGE EXCAVATION FILL
47			
		576	0
48			
		367	13
49			
		115	109
50			
		94	185
51			
		104	233
52			
		68	359
53			
		61	457
54			
		59	478
55			
		124	239
56			
		89	2
+44			
SHEET TOTAL		1657	2075

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

ORIGINAL SURVEY	BY	DATE
NOTE BOOK NO. 271	SURVEYED	R. W. B. 2-50
	PLOTTED	J. F. C. 3-50
	TEMPLATE	H. P. K. 3-50
	AREAS CHECKED	I. H. S. 2-50

PLATE 3. CROSS SECTION C. P. R. & R. E. STANDARD

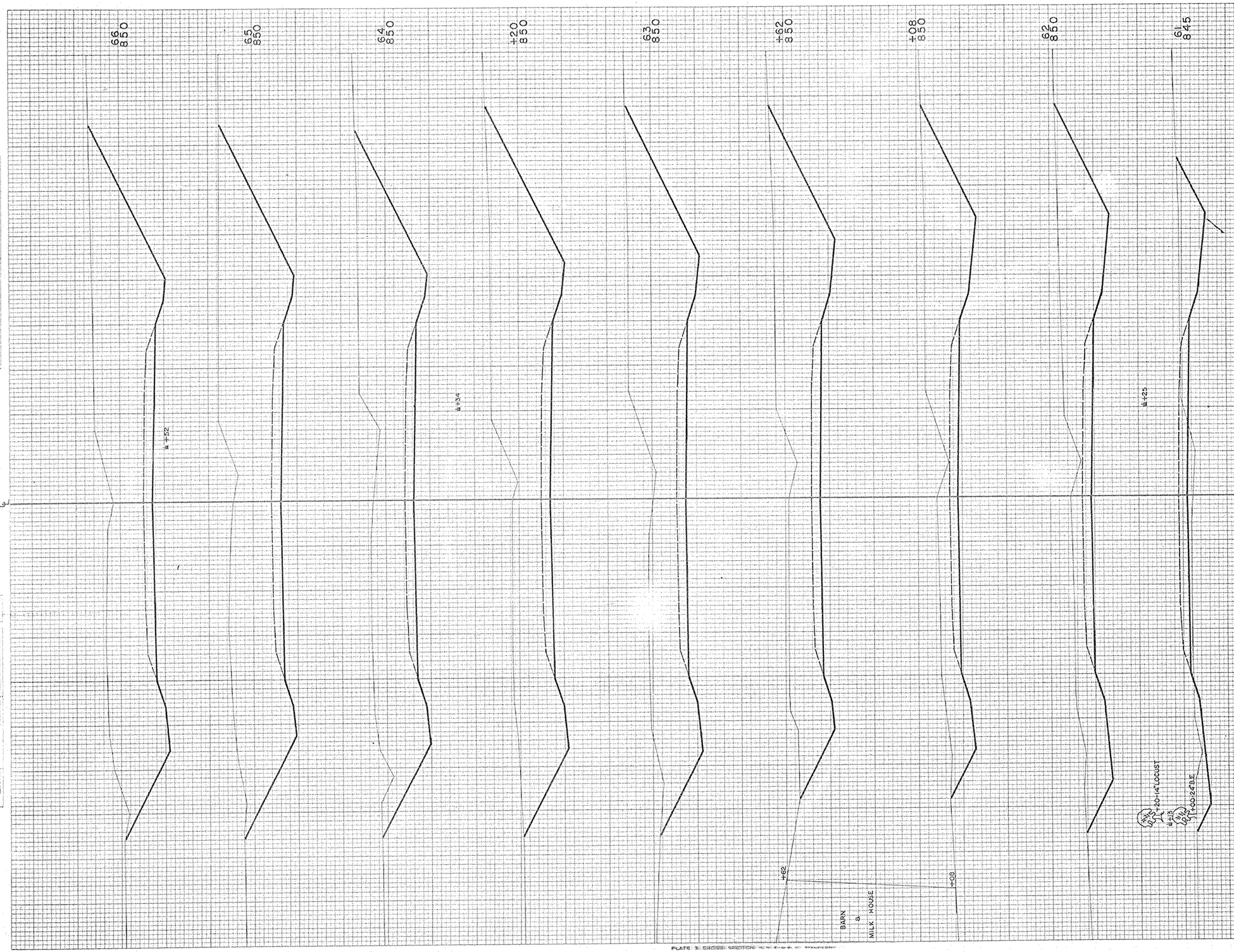
B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S 1254 (4)	17	22

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	FILL
+44			
	98		0
+80			
	61		0
57			
	104		19
+50			
	54		89
58			
	35		243
+65			
	9		187
59			
	32		619
60			
	24		272
+52			
	43		107
+94			
SHEET TOTAL		460	1536

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

FINAL SURVEY	BY	DATE
SURVEYED	R. W. B.	2-60
PLOTTED	H. P. K.	7-60
TEMPLATE	J. H.	7-60
NOTE BOOK	J. H.	3-31-60
AREAS	T. S.	
NO. 271	AREAS CHECKED	

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S 1254 (4)	18	22



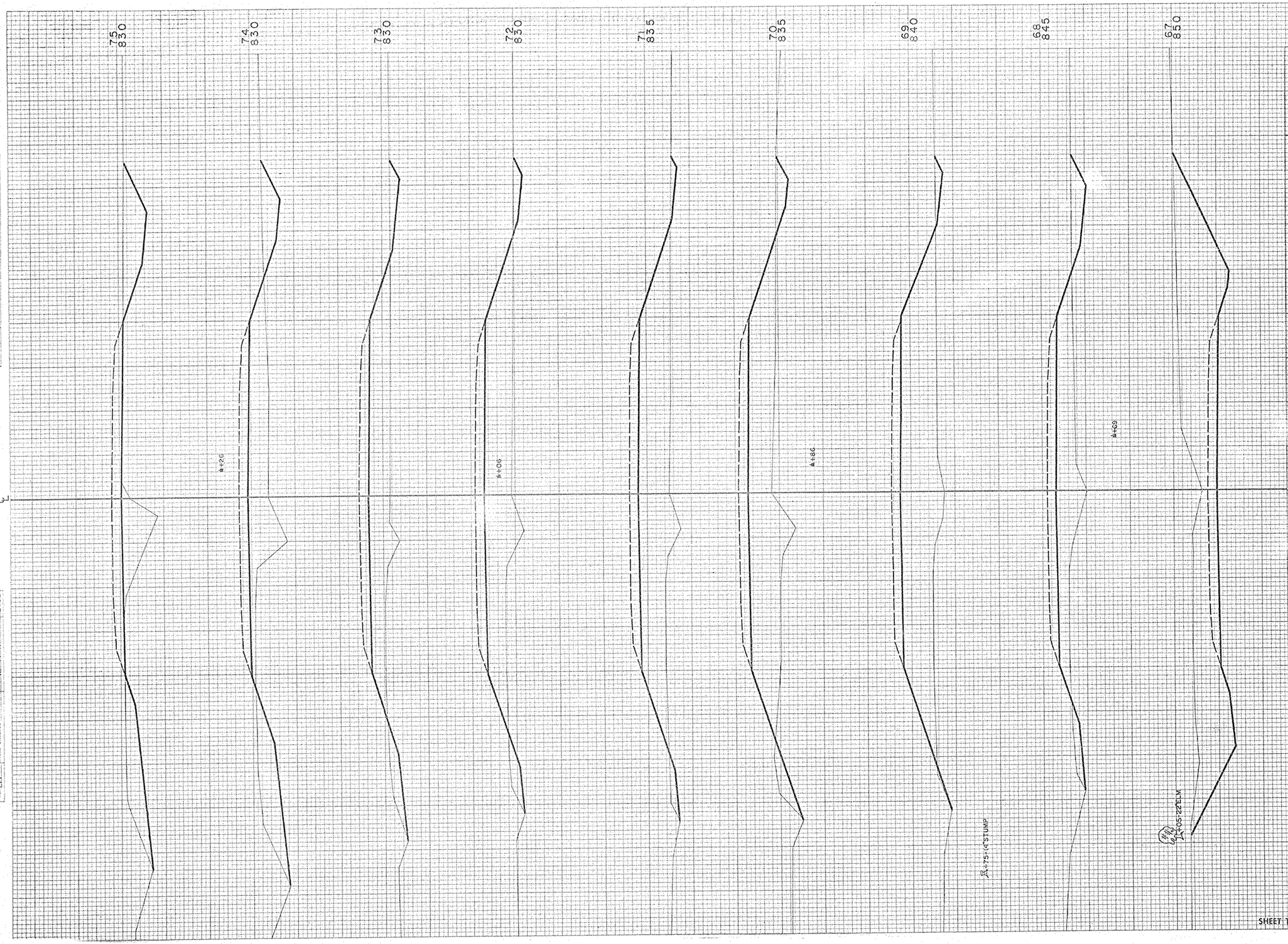
STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	FILL
+94			
		11	4
61			
		563	24
62			
		70	0
+08			
		546	0
+62			
		494	0
63			
		294	0
+20			
		1176	0
64			
		1546	0
65			
		1628	0
66			
SHEET TOTAL		6328	28

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

DIV.	BY	DATE
SURVEYED	R. W. B.	2-60
PLOTTED	H. L. K.	3-60
TEMPLATE	H. L. K.	3-60
AREAS	H. T.	3-60
CROSS CHECKED		

DIVISION 1
STATE WISCONSIN
ROUTE NO. FEDERAL AID PROJECT S 1254 (4)
SHEET NO. 271

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S 1254 (4)	19	22

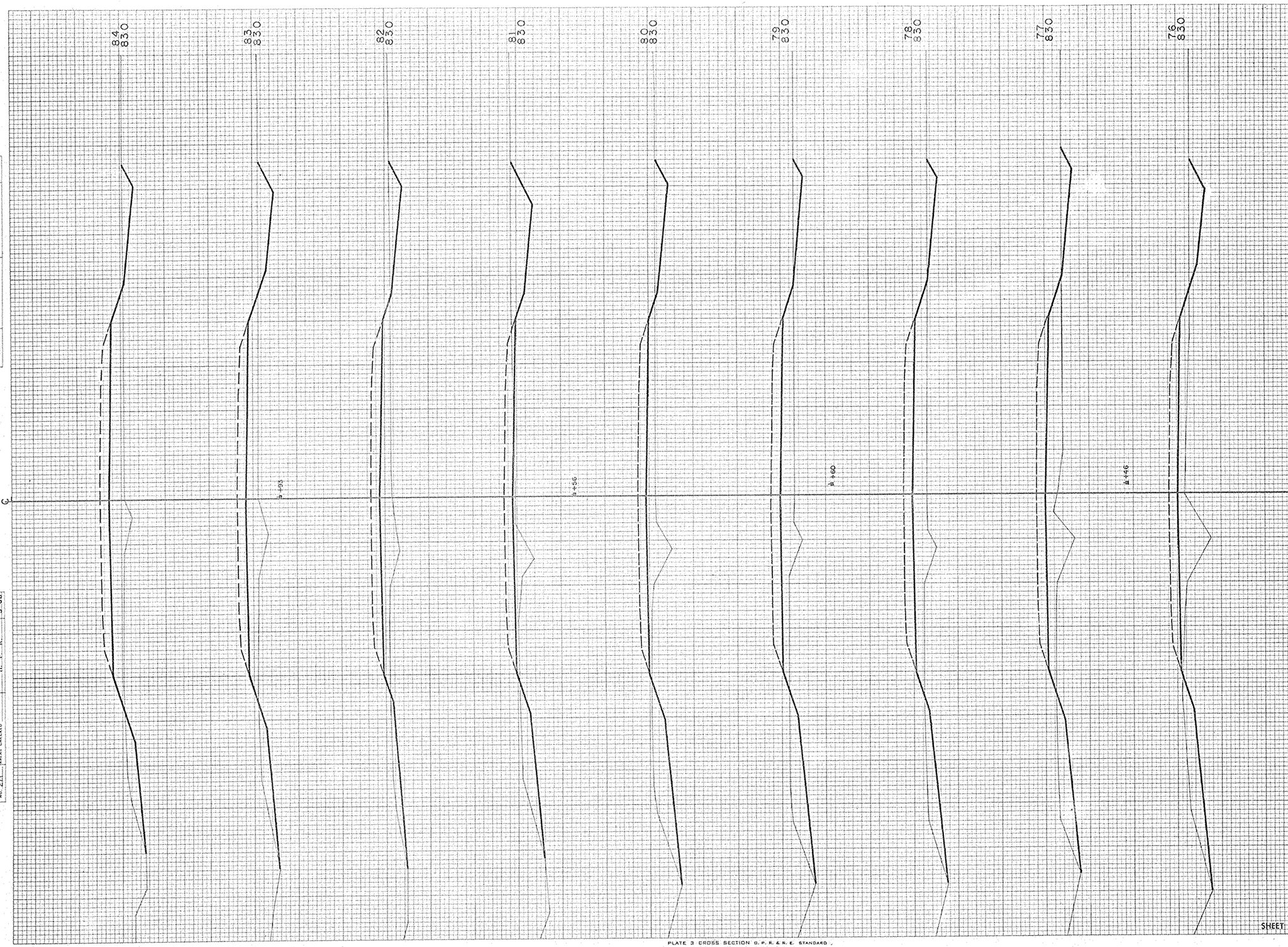


STATION	DISTANCE	YARDAGE EXCAVATION UNCL.				FILL
66						
		1272				0
67						
		519				159
68						
		44				528
69						
		35				665
70						
		39				609
71						
		32				574
72						
		52				454
73						
		126				348
74						
		198				204
75						
SHEET TOTAL		2317				3541

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

ORIGINAL SURVEY		BY	DATE
SURVEYED	R.	W.	B.
PLOTTED	H.	L.	K.
TEMPLATE	J.	J.	K.
AREAS CHECKED	H.	P.	K.
NOTE BOOK 221			
NO.			

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S 1254 (4)	20	22



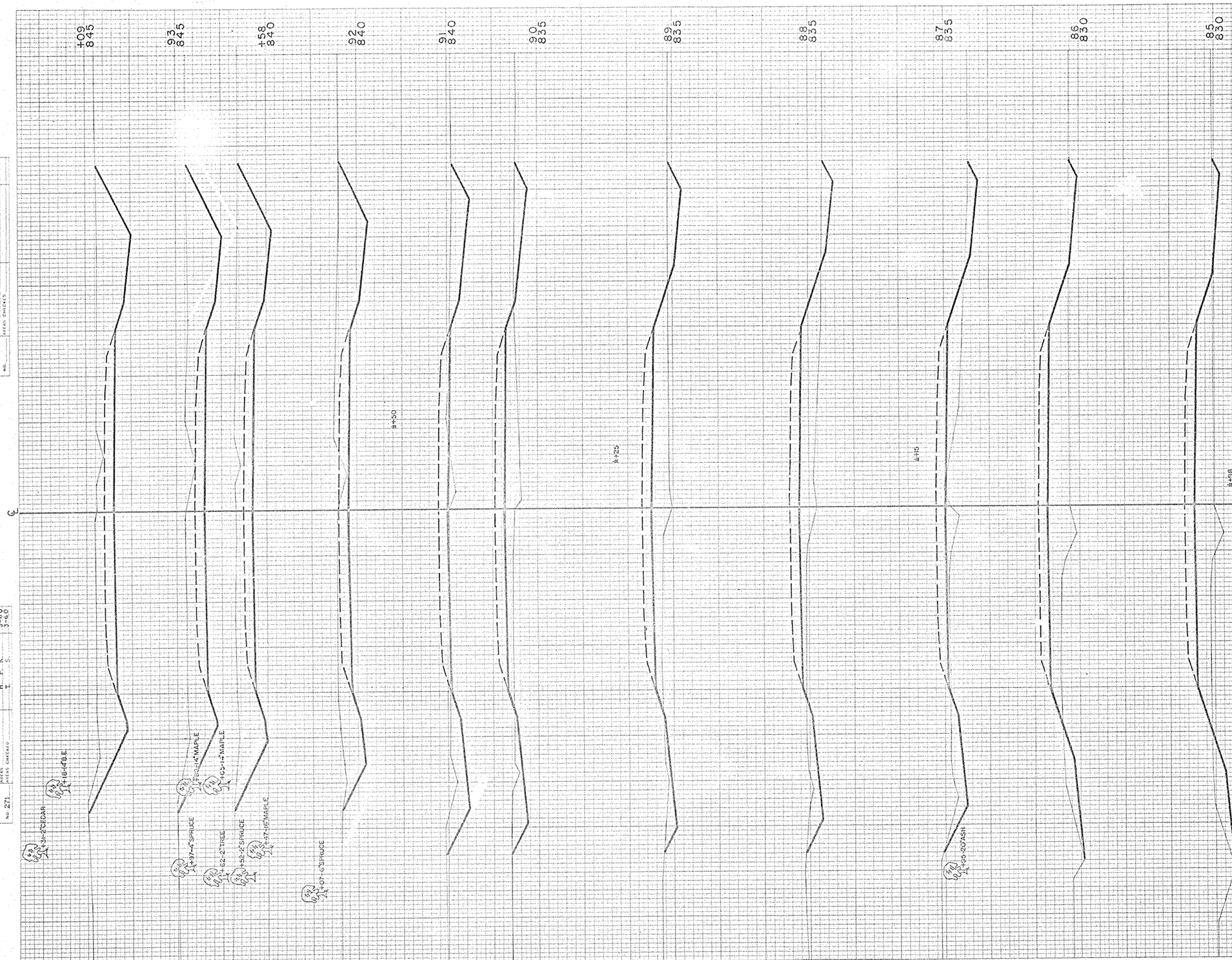
STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	YARDAGE EXCAVATION FILL
75			
		180	130
76			
		132	206
77			
		106	239
78			
		113	219
79			
		143	178
80			
		174	104
81			
		133	122
82			
		91	204
83			
		94	243
84			
SHEET TOTAL		1166	1645

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

ORIGINAL SURVEY	BY	DATE
SURVEYED	R. W. B.	2-60
PLOTTED	J. C.	1-60
TEMPLATE	J. V.	3-60
AREAS	H. F.	3-60
AREAS CHECKED	H. P. K.	3-60
NOTE BOOK 271		
NO.		

PLATE 3 CROSS SECTION O. P. R. & R. E. STANDARD

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S 1254 (4)	21	22

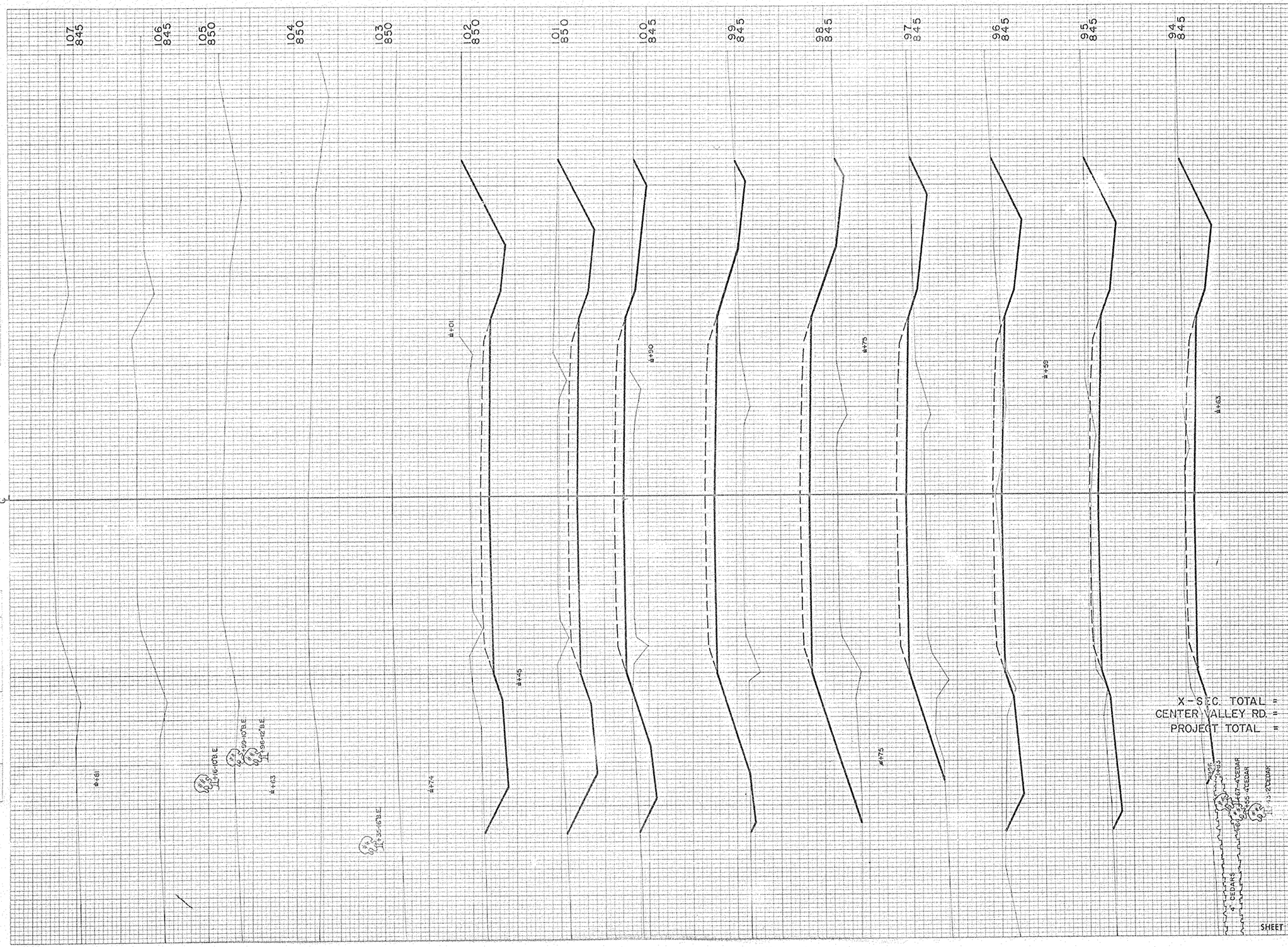


STATION	DISTANCE	YARDAGE EXCAVATION UNCL	FILL
84			
	78		298
85			
	65		333
86			
	76		231
87			
	85		168
88			
	78		218
89			
	87		204
90			
	144		96
91			
	313		7
92			
	294		0
+58			
	244		0
93			
	52		0
+09			
SHEET TOTAL		1516	1556

ORIGINAL SURVEY		BY	DATE
NOTE BOOK	SURVEYED	R. W. B.	2-60
	PLOTTED	H. P. K.	2-60
	TEMPLATE	H. R. K.	3-60
No. 271	AREAS	J. T.	3-60
	AREAS CHECKED		

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

PLATE 2 CROSS SECTIONS



B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S 1254 (4)	22	22

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	FILL
+09			
		443	0
94			
		400	0
95			
		313	9
96			
		148	194
97			
		43	539
98			
		28	646
99			
		83	381
100			
		441	87
101			
		744	0
102			
		370	0
103			
X-SEC. TOTAL =		24,701	18,662
CENTER VALLEY RD. =		0	300
PROJECT TOTAL =		24,701	18,962
SHEET TOTAL		3013	1856

ORIGINAL SURVEY	BY	DATE
NOTE BOOK 271	INDEXED	
	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

	BY	DATE
	R. W. B.	2-60
	H. K.	3-60
	J.	3-60
	H. C.	3-60
	H. P. X.	3-60

FINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	