COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
4.1	11.2		13.28	WIS. 5N	1	168

INDEX OF SHEETS

SHEET NO. 1 TITLE
SHEET NO. 2 TYPICAL CROSS SECTIONS
SHEET NO. 3 ESTIMATE OF QUANTITIES
SHEET NO. 3A MISCELLANEOUS QUANTITIES
SHEET NO. 4-4.4 RIGHT OF WAY PLAT
SHEET NO. 5-21 PLAN AND PROFILE STA. 10+50 TO STA. 496+82.9
SHEET NO. 22-28 STANDARD DETAILS
SHEET NO. — DRAINAGE STRUCTURES
SHEET NO. 29-168 CROSS SECTIONS

STATE OF WISCONSIN

STATE HIGHWAY COMMISSION OF WISCONSIN

PLAN AND PROFILE OF PROPOSED

CABLE — DRUMMOND ROAD

(U.S.H. 63)

BAYFIELD COUNTY

PROJECT F 011-2(28)

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.

BEGINNING OF PROJECT F 011-2(28)
STA. 10+50

APPROX. 1646 FT. E. & 57 FT. N. OF W 1/4 COR. SEC. 18, T43N, R7W
STA. 98+68.9 (S.P. 8412 (1931)) = STA. 10+11.5 (F 011-2(28))

END OF PROJECT F 011-2(28)
STA. 496+82.9

807.7 FT. NORTH & 134 FT. EAST OF SW COR. SEC. 33, T45 N, R7W

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 — +81.7 / 2.5.9
MARSH
HEDGE
TREES
GROUND ELEVATION — DATUM LINE — 73.9
GRADE ELEVATION — DATUM LINE — 75.16

LAYOUT

SCALE — 1 MI.

NET LENGTH OF CENTERLINE MUNIC. = 0.559 MI. (CABLE)
NET LENGTH OF CENTERLINE RURAL = 8.623 MI.
TOTAL NET LENGTH OF CENTERLINE = 9.182 MI.

STATE HIGHWAY COMMISSION OF WISCONSIN
MADISON, WIS.

SURVEYOR K.O.M. NOTE BOOK L.L.
DIVISION COMPUTER G.H-R.H. NO. O. CHECKER
DIVISION CHECKER O.E.J. CORRECT.

CORRECT:
DATE 3/18/52 G. G. Ramond
DIVISION ENGINEER

RECOMMENDED FOR APPROVAL:
DATE 4/26/52 A. G. Bishop
CONSTRUCTION ENGINEER

APPROVED:
DATE 4/28/52 E. L. Ruettiger
STATE HIGHWAY ENGINEER

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

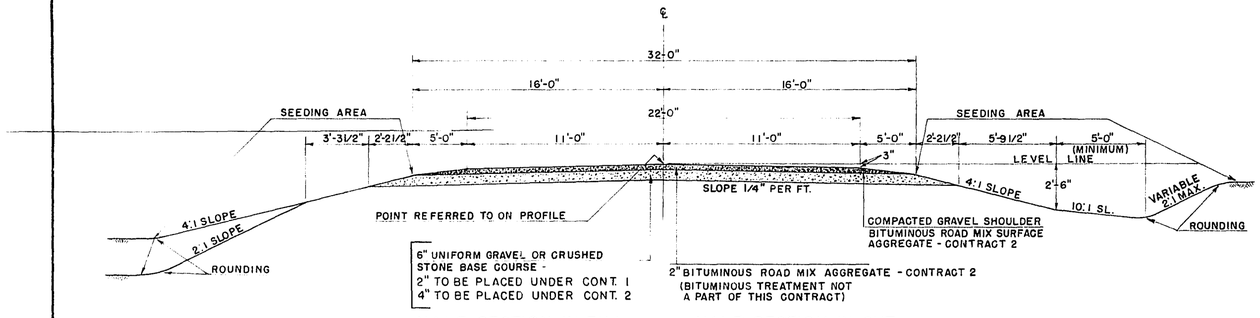
RECOMMENDED FOR APPROVAL:

DISTRICT ENGINEER DATE

APPROVED:

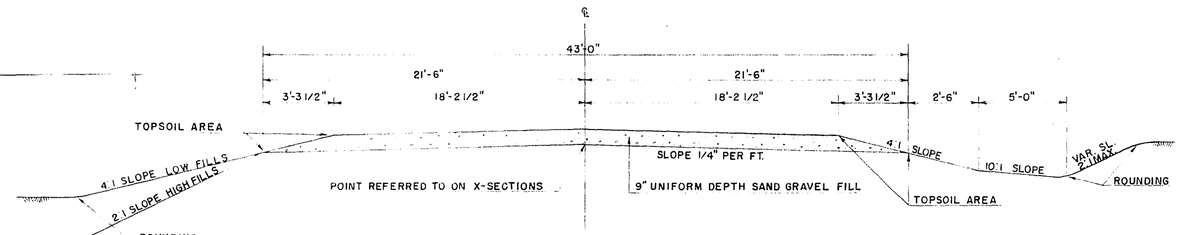
DIVISION ENGINEER DATE

P.R.A DIVISION	PROJECT	SHEET NO	TOTAL SHEETS
WIS 5N	F 011-2(28)	2	168



HALF SECTION IN FILL HALF SECTION IN CUT

ULTIMATE SECTION SHOWING GRAVEL OR CRUSHED STONE BASE COURSE AND BITUMINOUS TREATED WEARING COURSE
(BITUMINOUS TREATMENT NOT A PART OF THIS CONTRACT)

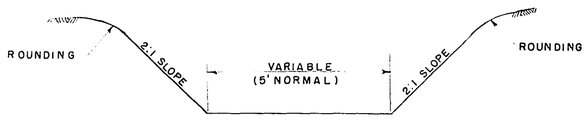


HALF SECTION IN FILL HALF SECTION IN CUT

SECTION SHOWING GRADING & SUBGRADE TREATMENT

SUPERELEVATE			
1° 00'	CURVES	0.02 FT. PER FT. OF WIDTH	
"	2° 00'	"	0.03 " " " " "
"	2° 30'	"	0.04 " " " " "
"	3° 30'	"	0.05 " " " " "

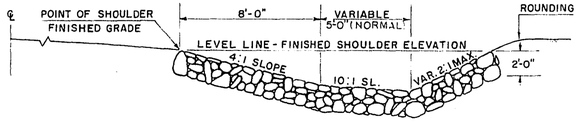
ROTATE SUPERELEVATION ABOUT CENTERLINE AND MAINTAIN LONGITUDINAL DRAINAGE. GRADE CURVES TO A STRAIGHT LINE SLOPE ACROSS FULL WIDTH OF ROADWAY



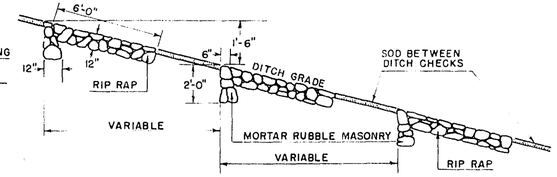
SECTION FOR INLET
AND OUTLET DITCHES

DETAILS OF DITCH CHECK

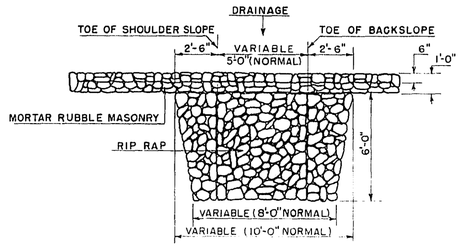
NO SCALE



SECTION THROUGH DITCH CHECK IN CUTS

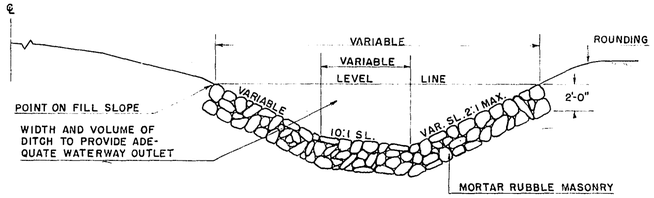


PROFILE OF DITCH

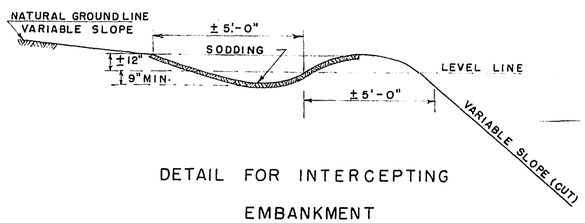


PLAN VIEW OF DITCH CHECK

TABLE OF QUANTITIES	
RIP RAP	MORTAR RUBBLE MASONRY
2.000 CU. YD. PER DITCH CHECK (NORMAL DITCH)	0.0556 CU. YD. PER LINEAL FOOT OF DITCH CHECK



SECTION THROUGH DITCH CHECK ALONG FILL SLOPE



DETAIL FOR INTERCEPTING
EMBANKMENT

GENERAL NOTES

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

ALL POWER POLES AND TELEPHONE POLES WITHIN THE CONSTRUCTION LIMITS TO BE MOVED TO THE EDGE OF THE RIGHT OF WAY BY THE OWNERS.

POWER POLES OWNED BY:

LAKE SUPERIOR DIST. POWER CO., ASHLAND, WIS.
R.E.A., IRON RIVER, WIS.

TELEPHONE POLES OWNED BY:

WISCONSIN TELEPHONE CO.
CABLE TELEPHONE CO.

APPROVED APPLICABLE DETAIL DRAWINGS TO BE USED ON THIS PROJECT ARE AS FOLLOWS:

MARSH EXCAVATION	1-1.1.2
P.E. AND S.R. APPROACHES	1-3.1.1
MARKER POSTS	7-1.3.1
CONSTRUCTION BARRICADE	7-4.1.1
RIPRAP-TYPE "B"	6-2.2.1
CEMENTED RUBBLE MASONRY	6-3.3.1
REINF. CONC. CULV. PIPE CATTLE PASS	6-6.1.1

TYPICAL CROSS SECTION FOR ULTIMATE 32 FOOT ROADBED

SCALE NONE

ESTIMATE OF QUANTITIES

CONTRACT NO. 182

P.R. A DIVISION	PROJECT	SHEET NO.	
WIS. 5N	FOII-2(28)	3	168

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 NOV. 8, 1948 AND SPECIAL PROVISIONS AS ATTACHED TO PROPOSALS

SEC. NO	STATION TO STATION	NET LENGTH OF CENTER LINE	CLEARING		GRUBBING		REMOVING OLD CULVERT		REMOVING GUARD RAIL		EXCAVATION				SPECIAL COMPACTED EMBANKMENTS		SAND GRAVEL FILL	FINE GRADING	SHOULDER EMBANKMENT	FINISHING ROADWAY	OBLITERATING OLD ROAD	BASE COURSE		CONCRETE PAVEMENT		CONCRETE HEADERS	CONCRETE SURFACE DRAINS	CONCRETE PAVEMENT REINF.	PREP ROADBED FOR BIT. TREAT.	WEARING SURFACE	AGGREGATE FOR GRADED AGGREGATE BIT. SURF. COURSE GRADED TYPE	BIT. MAT. FOR SURFACE COURSE AND TACK COAT	GRAVEL OR CRUSHED STONE BASE COURSE		AGGREGATE FOR BITUMINOUS ROAD MIX SURF.	IN STOCK PILES
	ITEM NO.		2101-2	2101-1	2102-2	2101-4	2104-1(a)		2104-2(a)	2105-11	2106-5	2106-2	2106-4	2109-1	2106-6	2108-1	2110-1	2112-1	2113-1	2114-1	2116-1			2301-1	2301-	2301-6	2301-10	2301-11	2310-1	23	2313-	23	2203-1	2203-1	2313-2	2322-2
	UNIT	LIN. FT.	IN. DIA	STA.	IN. DIA	STA.	L.S.		L.S.	L.F.	C.Y.	C.Y.	C.Y.	C.Y.	SQ. YD.	C.Y.	C.Y.	C.Y.	C.Y.	STA.	STA.			SQ. YD.	SQ.YD.	SQ.YD.	C.Y.	SQ. YD.	STA.	SQ. YD.	C.Y.	GAL.	C. Y.	C. Y.	C.Y.	C.Y.
1	10+50 - 40+21.7(MUNIC)	2950.1		22.0		20.0					4111			7152			4149			30.1													1652	1066	664	
2	40+21.7 - 496+82.9(RUR.)	45530.3		331.0		277.0				1605	498529		53863	30848			62082			463.0	40.5												24717	13220	10244	
																					NOT A PART OF THIS CONTRACT														
	PROJECT TOTAL	48480.4		353.0		297.0				1605	502640		53863	38000			66231			493.1	40.5												26369	14286	10908	
	CONTRACT NO.			1		1				1	1		1	1			1			1													2	1	2	

BRIDGES (STRUCTURES OVER 20 FT. SPAN)

MILE. NO.	REMOVE OLD BRIDGE STA.	COMMON EXC.	EXCAVATION FOR STRUCTURES	SAND GRAVEL FILL	CONCRETE MASONRY	BAR STEEL REINF.	STRUCTURAL STEEL	STEEL CASTINGS	STEEL FORGINGS	SHEET LEAD	ZINC PLATES	TR'T'D LUMBER AND TIMBER	UNTR'D TIMBER TEST PILING	TIMBER PILING UNTR'D	TIMBER PILING TR'T'D	FLOOR DRAINS	PROOFING DAMP	PROOFING MEMBRANE WATER	RIP-RAP
	2104-2(a)	2106-1	2107-1	2110-1	2401-1	2406-1	2407-1	2407-3	2407-4	2407-9	2407-11	2408-2	2501-1	2501-2	2501-3	2507-1	2508-1	2508-2	2512-1
	L.S.	C.Y.	C.Y.	C.Y.	C.Y.	LB.	LB.	LB.	LB.	LB.	LB.	M.B.M.	L.S.	LIN. FT.	LIN. FT.	EACH	SQ. FT.	SQ. FT.	C.Y.

CULVERTS (STRUCTURES 20FT. SPAN & UNDER)

REMOV OLD CULV'T STA.	COMMON EXC.	EXCAVATION FOR STRUCTURES	SAND GRAVEL FILL	CONCRETE MASONRY	BAR STEEL REINF	STRUCTURAL STEEL	STEEL CAST. INGS	STEEL FORG-INGS	SHEET LEAD	ZINC PLATES	TR'T'D LUMBER AND TIMBER	UNTR'D TIMBER TEST PILING	TIMBER PILING UNTR'D	TIMBER PILING TR'T'D	FLOOR DRAINS	PROOFING DAMP	PROOFING MEMBRANE WATER	RIP-RAP
2104-1(a)	2106-1	2107-2	2110-1	2404-1	2406-2	2407-1	2407-3	2407-4	2407-9	2407-11	2408-2	2501-1	2501-2	2501-3	2507-1	2508-1	2508-2	2512-1
L.S.	C.Y.	C.Y.	C.Y.	C.Y.	LB.	LB.	LB.	LB.	LB.	LB.	M.B.M.	L.S.	LIN. FT.	LIN. FT.	EACH	SQ.FT.	SQ.FT.	C. Y.

SEC. NO.	CEMENTED RUBBLE MASONRY		CULVERT PIPE 18"	CULVERT PIPE 24"		CULV. PIPE 30"		REINF CONC CULV PIPE CATTLE PASS 72"						RIP-RAP	RUBBLE PAVING PLAIN	RUBBLE PAVING GROUTED	DITCH CHECKS	DITCH CHECKS MORTAR RUBBLE	PIPE UNDER DRAIN	STORM SEWER				CATCH BASINS		MANHOLES		INLETS		CONCRETE CURB	CONCRETE CURB AND GUTTER	CONCRETE SIDE WALK	GUARD FENCE CABLE	GUARD FENCE TIMBER RAIL	GUARD FENCE ANCHORAGES FOR CABLE	MARKER POSTS	CALCIUM CHLORIDE OR CAL.-MAG. CHLORIDE SURFACE TREATMENT	TOPSOIL PLANTING	TOPSOIL SALVAGED	FERTILIZER	SEEDING (NOT A PART OF THIS CONTR.)	SODDING	MARKER POSTS FOR R/W
	2409-2	S.P.	2411-11	2411-12	2411-	2411-13	2411-	2411-31	2411-	2411-	2411-	2411-	2411-	2411-	2512-1	2515-1	2515-2	2516-	2516-3	2517-1	2519-	2519-	2519-	2519-	2520-1(a)		2520-2(a)		2520-3(a)		2521-1	2521-3	2522-1	2523-1	2523-2	2523-4	2523-3	2525-1	2528-1	2602-1	2603-1	2605-1	2532-1	2533-1	2523-4
	C.Y.	C.Y.	LIN.FT.	LIN.FT.	LIN. FT.	LIN FT	LIN. FT.	LIN.FT.	LIN.FT.	LIN.FT.	LIN.FT.	LIN.FT.	LIN.FT.	LIN.FT.	C.Y.	SQ.YD	SQ.YD.		C.Y.	LIN.FT.	LIN.FT.	LIN.FT.	LIN.FT.	LIN.FT.	EACH	EACH	EACH	EACH	EACH	EACH	LIN.FT.	LIN.FT.	SQ.FT.	LIN.FT.	LIN.FT.	EACH	EACH	TON	SQ.YD.	C.Y.	SQ.YD.	CWT.	SQ.YD.	SQ.YD.	EACH
1			244	240																															6		2675			10717		19
2		28	1232	710		1460		54							236				67																171		39960			299577	2972	168
PROJ.TOT.		28	1476	950		1460		54							236				67																177		42635			310294	2972	187
CONTR. NO.		1	1	1		1		1							1				1																2		1				1	1

F 011-2 (28) 5 168

VILLAGE OF CABLE

BENCH MARKS			
NO.	STA.	DESCRIPTION	ELEV.
1	CONC. MON.	1' N. OF VARIETY STORE	1370.41
2	10 + 45	N.E. END OF PUMP ISLAND	1369.81
3	19 + 90	24" NORWAY PINE 85' RT.	1359.84
4	28+80	18" WHITE PINE 65' RT.	1373.36

R.P. E. COR OF FILLING STA. 85.10'
R.P. S. COR. OF GAR 55.10'
1/16 LINE
P.L. 13+98.5
CABLE MOTOR CO.
MRS. JAMES ESKRA
GODFREY RUF
MARVIN FAGG
WALTER WALD
WISC. TEL. CO.
L.S.D.R.C.
BULK STATION
WISC. TEL. CO. (GUY POLE)
C. ST. P. M. & O. R.R.
CULT.
WOODS
SPUR
SIDING
LOADING RAMPS
STREET
225.25' TO TRAN. LINE
SEE DETAIL
TAV.
P.O.T. (T.L.) 10+00.0
P.I. 8+16.0 (T.L.) Δ = 12°-46' LT.
DETAIL (NO SCALE)
TRAN. LINE
NEW ℄
5.25'
10.0
STA. 22+0 P.E. LT. 1-18"X26' CULV. PIPE REQ'D.
STA. 24+17.0 36.2
STA. 24+33.5
JOHN MOTYKA
STA. 26+05 P.E. LT. 1-18"X26' CULV. PIPE REQ'D.
STA. 29+00 34.4-50'
STA. 32+0 P.E. LT. 1-18"X26' CULV. PIPE REQ'D.
WALTER EBERT & WIFE HAZEL E.
P.I. 32+84.2 BK. = 33+02.3 AHD Δ = 15° 10' RT.
P.I. 33+22.0 (T.L.) Δ = 11°-41' RT.
33+26.7 50'
MICHAEL J. REGORRAH & WIFE MARION
STA. 36+70 P.E. LT. 1-18"X26' CULV. PIPE REQ'D.
STA. 38+10 P.E. LT. 1-18"X26' CULV. PIPE REQ'D.
NORTH CORPORATE LIMITS SEC. LINE
40+21.7 VILLAGE OF CABLE
P.I. 38+75.6 (T.L.) Δ = 20°-00' RT.
39+35.8 99.8
P.C. 29+79.1
225.25'
P.I. = 32+84.2 BK = 33+02.3 AHD Δ = 15° 10' RT. D = 2° 30' T = 305.1' L = 606.7' R = 2292.0'
P.C.C. 35+85.8 P.T. 36+07.1
38+98.9 1/4 LINE
R.P. 24" W. PINE 57.30'
R.P. 10" J. PINE 62.30'
R.P. 24" NORWAY 82.50'
R.P. 18" J. PINE 80.00'
P.O.T. 40+46.5 (T.L.) = 40+53.8 (L.S.)
P.O.T. 18+37.6 (T.L.) = 18+37.6 (L.S.)
STA. 23+60 P.E. RT. 1-18"X26' CULV. PIPE REQ'D.
STA. 25+0 P.E. RT. 1-18"X26' CULV. PIPE REQ'D.
28+50 T.L. 5.25' NEW ℄
DETAIL (NO SCALE)

NET ℄ LENGTH STA. 10+50 TO STA. 40+00 = 2928.4 LIN. FT.

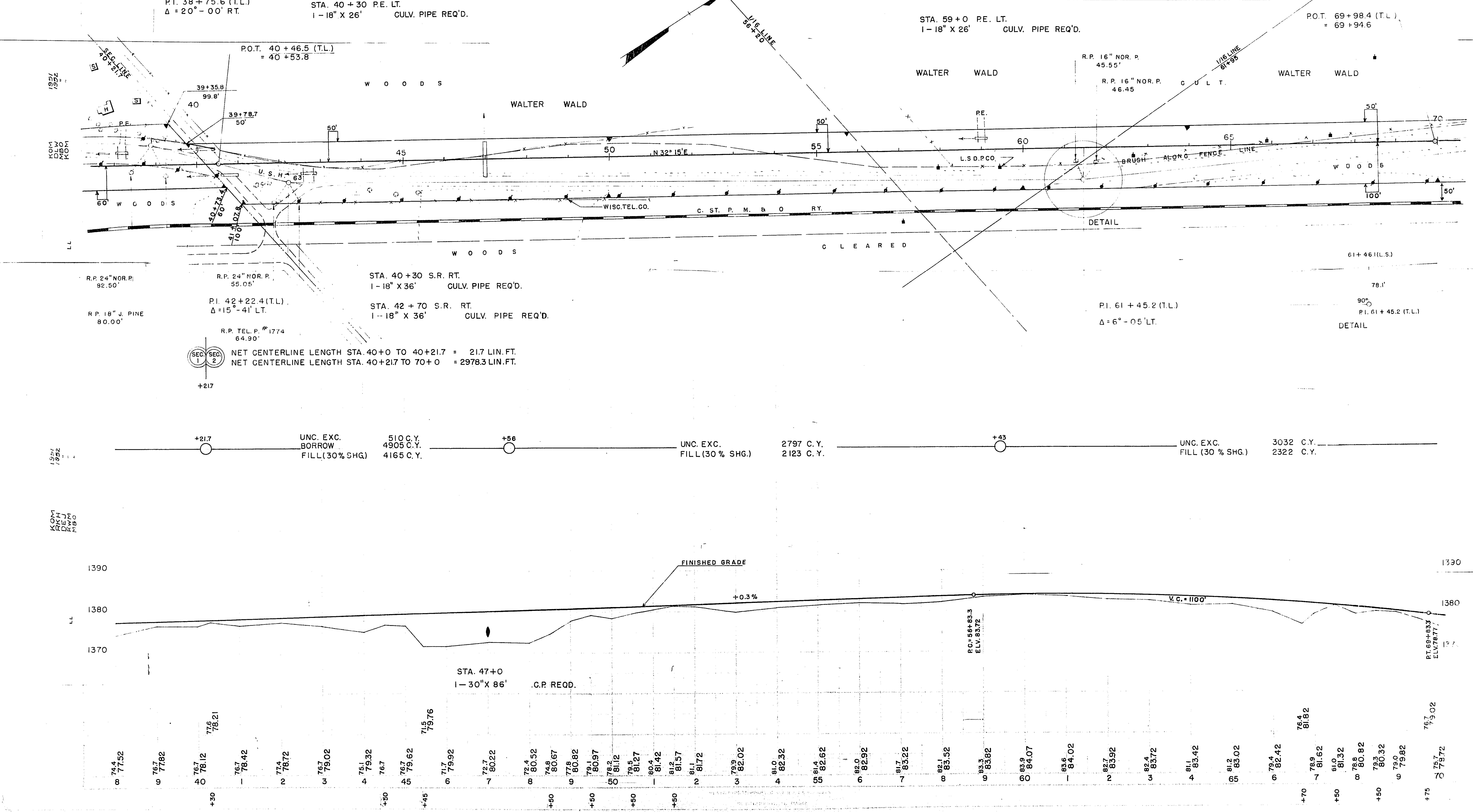
+50 UNC. EXC. 210 C.Y. BORROW 5171 C.Y. FILL (30% SHG.) 4139 C.Y. +40 UNC. EXC. 2670 C.Y. BORROW 2047 C.Y. FILL (30% SHG.) +70 UNC. EXC. 827 C.Y. BORROW 1504 C.Y. FILL (30%) SHG.) 1793 C.Y. ←92.6→ +85.8 UNC. EXC. 404 C.Y. BORROW 477 C.Y. +21.7 FILL (30%)SHG.) 678 C.Y.

BEGIN. PROJ. F 011-2 (28) STA. 10+50

STA. 14+35 1-24" X 62' CULV. PIPE REQ'D.
STA. 19+50 1-24"X100' CULV. PIPE REQ'D
STA. 33+0 1-24" X 78' CULV. PIPE REQ'D.
P.C. 14+01.8 64.61
P.T. 20+71.8 68.86
P.C. 20+76.5 68.95
P.T. 24+76.5 73.55
FINISHED GRADE
-0.9%
+0.3%
V.C.=670'
V.C.=400'
1390
1380
1370
1360

F 011-2(28) 6 168

BENCH MARKS			
NO.	STA.	DESCRIPTION	ELEV.
5	41 + 30	P.T.S., BR. CAPPED PIPE 130' RT.	1376.16
6	55 + 00	18" WHITE PINE 15' RT.	1382.59
7	72 + 25	14" JACK PINE 100' RT.	1378.59



BENCH MARKS			
NO.	STA.	DESCRIPTION	ELEV.
7	72 + 25	14" JACK PINE 100' RT.	1378.59
8	83 + 75	18" NORWAY PINE 65' LT.	1396.74
9	99 + 22	G.L.O. CONC. MON. 22' RT.	1387.09

DETAIL NO.1

69 + 98.4 (T.L.)
= 69 + 94.6 (L.S.)

5°15'

75 + 43.7 (T.L.)

90°

50.1

P.I. 75 + 42.1 BK.
= 75 + 40.9 AHD.

DETAIL NO.2

80 + 76.9 (T.L.)
= 80 + 78.3 (L.S.)

4°30'

446.1'

90°

35.1'

85 + 25.8 (L.S.)

85 + 23.0 (T.L.)

P.I. 75 + 42.1 BK. =
75 + 40.9 AHD.
Δ = 12° 47' LT.
D = 2° 00'
T = 320.9'
L = 639.2'
R = 2864.9'

STA. 81 + 95 P.E. LT.
1 – 18" X 26' CULV. PIPE REQ'D.

STA. 84 + 20 P.E. LT.
1 – 18" X 26' CULV. PIPE REQ'D.

STA. 95 + 0 P.E. LT.
1 – 18" X 26' . CULV. PIPE REQ'D.

P.O.T. 94 + 30.1 (T.L.)
= 94 + 23.9 (L.S.)

1/4 LINE
72 + 18.2

P.O.T. 69 + 98.4 (T.L.)
= 69 + 94.6 (L.S.)

1/16 LINE
86 + 20

P.C. 91 + 86.9

SEC. LINE
98 + 20

WALTER WALD

EMIL RADLOFF

FRANK PLIS

CULTIVATED

WOODED

MARSH

TOWN ROAD

P.C. 72 + 21.2

P.T.C. 78 + 60.4
P.T.T. 78 + 61.8

BARN

HOUSE

R.P. 4" W. BIRCH
70.70'

R.P. 10" N. PINE
41.35'

R.P. SPK IN 16" POPLAR
55.6'

CABLE TEL. CO.

WISC. TEL CO

C. ST. P. M. & O. RWY.

R.E.A.

P.E.

OMIT P.E.

DETAIL NO.1

DETAIL NO.2

DETAIL NO.3

N 19° 28' E.

50'

60'

70

75

80

85

90

95

100

P.I. 75 + 42.1 BK
= 75 + 40.9 AHD
Δ = 12° 47' LT.

R.P. TEL. POLE
111.3'

R.P. TEL. POLE
111.5'

P.I. 76 + 92.6
Δ = 3° 02' LT.

STA. 75 + 40 P.E. RT.
1 – 18" X 30' CULV. PIPE REQ'D.

P.I. 85 + 23.0
Δ = 4° 30' LT.

STA. 93 + 0
INLET DITCH REQ'D.
UNC. EXC. = 15 C.Y. (WASTE)

R.P. SPK TEL. POLE
48.5'

P.I. 93 + 28.0
Δ = 20° 03' LT.

P.I. 97 + 14.9 BK (L.S.)
= 97 + 03.6 AHD
Δ = 20° 53' LT.

SEC. LINE

94 + 30.1 (T.L.)
= 94 + 23.9 (L.S.)

20° 03'

291.0'

97 + 03.4 (T.L.)

90°

99.8'

P.I. 97 + 14.9 BK. (L.S.)
= 97 + 03.6 AHD. (L.S.)

P.I. 97 + 14.9 BK. =
97 + 03.6 AHD.
Δ = 20° 53' LT.
D = 2° 00'
T = 528.0'
L = 1044.2'
R = 2864.9'

NET ℄ LENGTH STA. 70 + 0 TO STA. 100 + 0 = 2998.6 LIN. FT.

98.6'

+75	UNC. EXC.	
	FILL (30% SHG.)	3662 C. Y.
	FILL S. R.	2717 C. Y
		100 C. Y.
+30	UNC. EXC.	
	FILL (30% SHG.)	11,606 C. Y.
	FILL S. R.	7,267 C. Y.
		2167 C. Y.

STA. 71 + 75
1 – 24" X 64' CULV. PIPE REQ'D.

ELEV. TOP RAIL
1382.0

P.C. 71+71.0
ELV. 76.67

V.C. = 350'

+2.5%

FINISHED GRADE

P.C. = 81+54.7
ELV. = 94.80

V.C. = 300'

P.T. 84+54.7
ELV. 95.84

STA. 93 + 0
1 – 30" X 78' .C.P. REQ'D.

−1.8%

P.C. = 90+87.5
ELV. = 84.50

V.C. = 300'

P.T. = 93+87.5
ELV. = 83.65

+1.4%

1400
1390
1380
1370

76.7 79.02
+21.0 78.94
87.5 89.05
03.6 94.03
03.9 93.58
96.9 89.17

78.8 80.82
79.3 80.32
79.0 79.82
75.7 78.72
73.0 77.52
71.9 76.42
73.2 76.12
70.1 76.62
74.0 78.42
76.4 80.92
82.7 83.42
84.2 84.67
84.5 85.92
85.0 87.17
86.9 88.42
90.2 90.92
93.7 93.42
96.1 95.72
96.7 96.32
96.3 96.72
96.5 96.82
97.5 96.62
01.1 95.02
01.2 93.22
91.8 92.32
90.6 91.42
90.2 90.52
95.6 89.62
87.9 87.82
80.1 86.02
78.6 84.22
79.7 83.02
77.1 83.12
78.1 84.02
83.4 85.42
81.2 86.82
87.8 88.22
89.6 89.62
81.6 90.32
88.7 91.02
92.4

8 +50 9 +75 70 1 2 3 4 75 6 7 +50 8 +50 9 +25 80 1 2 +50 3 +50 4 85 +55 +80 6 +50 7 +50 8 +25 9 90 1 2 3 4 95 6 7 8 +50 9 100

STA. 99 + 25 S.R. RT.
1 – 18" X 36' CULV. PIPE REQ'D.

STA. 100 + 0 P.E. LT.
1 – 18" X 26' CULV. PIPE REQ'D.

STA. 117 + 20 P.E. LT.
1 – 18" X 26' . CULV. PIPE REQ'D.

STA. 119 + 0 S.R. LT.
1 – 18" X 36' . CULV. PIPE REQ'D.

BENCH MARKS			
NO.	STA	DESCRIPTION	ELEV.
9	99 + 22	G.L.O. CONC. MON 4' RT.	1387.09
10	105 + 75	X ON BOULDER 60' LT.	1401.76
11	117 + 75	5" TRIPLE BIRCH 10' LT.	1432.48
12	123 + 75	18" TWIN OAK 100' LT.	1434.11

CULT.
G.L.O. MON. SEC. COR. SAVE
SEC. LINE 99 + 21.0
102 + 31.1 P.T.C.
102 + 31.6 P.T.T.
JOHN KRZYKOLAK
CLEARED
WOODED
GARDEN
APPLE TREES
ROOT CELLAR
WELL
92.6' (102+0 T.L.)
99.8'
60'
90°
100
WOODED
YARD
105
110
115
120
125
N 1° 25' W
SEC. LINE
P.E.
75'
WISC. TEL. CO.
64.7'
FRANK BLANDA & WIFE MAGGIE
CULT.
WOODED
PRESENT U.S.H. 63
OMAHA RAILROAD
PUBLIC ROAD
OBLITERATE
P.E.

P.O.T. 110 + 04.8 (T.L.)
R.P. SPK. 24" W. PINE 37.5'
R.P. SPK. 14" W. PINE 42.3'
1/16 LINE 133.0
110 + 0 60'—75'
115 + 00 75'-60'
FRANK PROHOVNIK & WIFE JENNIE

P.O.T. 118 + 07.3 (T.L.)
R.P. HSE. CORN. 51.75'
CULT.
(BARN)
118 + 80 60'-80'
WOODED
R.P. HSE. CORN. SEC. LINE & R/W LINE 44.05'
CULT.
WOODED
CULT.
WOODED
125.1'
1/4 LINE 123 + 43.4
FRANK BLANDA & WIFE MAGGIE

P.O.T. 123 + 46.3 (T.L.)
R.P. SPK. 12" OAK 63.70'
WOODED
R.P. SPK. 10" OAK 36.20'
FRANK PROHOVNIK & WIFE JENNIE
R.E.A.
CULT. 59'
90°
CULT. 80'
WOODED

WALTER PROHOVNIK & WIFE HELEN
STA. 117 + 30 P.E. RT.
1 – 18" X 26' . CULV. PIPE REQ'D.

STA. 109 + 10
1 – 30" X 92' . C.P. REQ'D.
SKEW 20° R.H.F.

NET ℄ LENGTH STA. 100+0 TO STA. 128+0 = 2799.5 LIN. FT.

PROFILE SIDE ROAD RT.
STA. 99 + 25
MEET R.R. TRACK ELEV.
℄ OF PROPOSED NEW U.S.H. 63
+8.0%
PRESENT GROUND PROFILE
1400
1390
1380
0+0 1+0 2+0 3+0

SURFACE STONE	100 C.Y.
BORROW	5056 C.Y.
UNC. EX. S.R.	100 C.Y.
UNC. EX.	11489 C.Y.
FILL (SHG 25%)	13396 C.Y.

PROFILE S.R LT.
STA. 119 + 0
PRESENT GROUND PROFILE
-6.0%
℄ PROPOSED NEW U.S.H. 63
1430
1420
2+0 1+0 0+0

+57 +15 UNC. EX. 7213 C.Y.
FILL (25% SHG) 5769 C.Y. +57

1420
1410
1400
1390
1380

ELEV. TOP RAIL
+1.4%
V.C. = 400'
+0.5%
V.C. = 320'
+4.0%
FINISHED GRADE
V.C. = 740'
-2.2 %
STA. 109 + 10
1 – 30" X 92' . C.P. REQ'D.
SKEW 20° R.H.F.

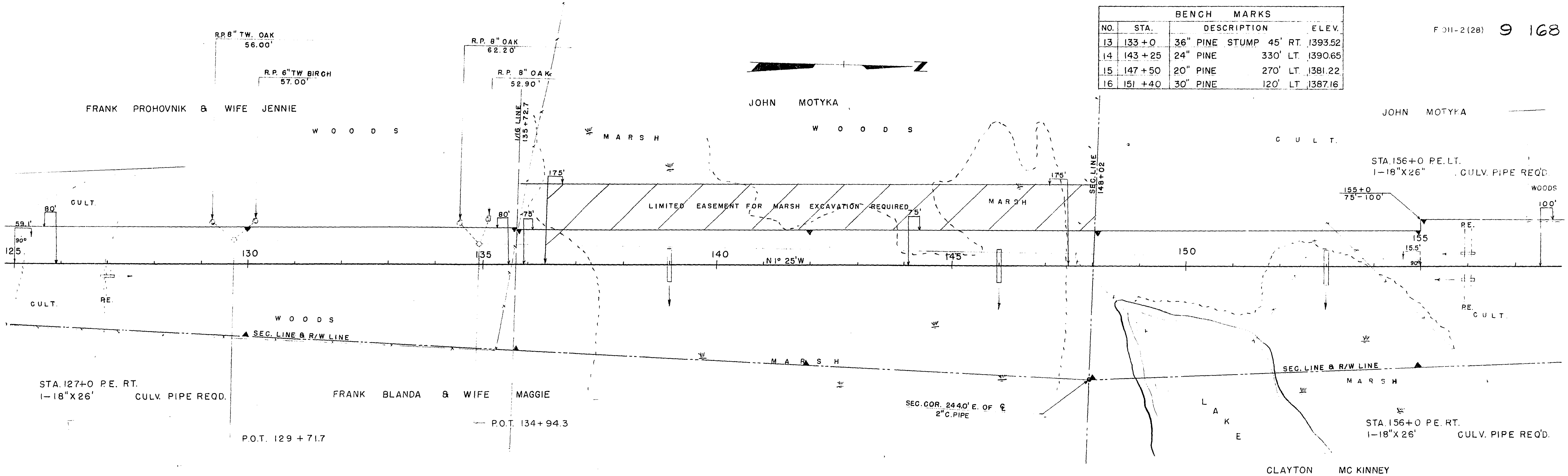
+00 92.42
+00 96.22
+72 98.09
+94 05.28
+64 16.08
+04 22.73

1430
1420
1410
1400
1390
1380

81.2 86.82 | 6 | +50
87.8 88.22 | 7 | +50
89.8 89.62 | 8 | +50
81.6 90.32 | 9 | +35
88.7 91.02 | 100
91.5 92.42 | 1 | +50
92.0 93.12 | 2 | +50
82.5 93.82 | 3 | +50
97.9 94.82 | 4 | +20
06.8 95.12 | 105
06.8 95.62 | 6 | +60
94.8 96.22 | 7 | +50
93.0 96.72 | 8 | +80
84.3 97.22 | 9 | +50
96.7 97.72 | 110
99.6 98.22 | 1 | +40
90.6 99.72 | 2 | +70
90.5 02.02 | 3 | +50
97.0 05.52 | 4 | +75
93.7 07.52 | 115
95.9 09.52 | 6 | +50
00.8 13.52 | 7 | +40
08.1 17.42 | 8 | +70
09.8 20.62 | 9 | +50
18.3 23.12 | 120
24.8 23.92 | 1 | +40
29.9 24.62 | 2 | +75
31.0 25.22 | 3 | +50
31.5 25.12 | 4 | +50
31.9 24.32 | 125
27.4 22.82 | 6 | +25
30.6 20.62 | 7 | +60
32.6 18.42 | 8
33.9 16.22
33.4 15.12
27.4 14.02
22.2 11.82
11.7 09.62
98.6 07.42

01.8 95.92
86.0 00.02
95.6 04.02
0.75 16.72
31.0 25.02
31.7 25.22
33.9 18.97
04.9 09.07
01.7 08.30

BENCH MARKS			
NO.	STA.	DESCRIPTION	ELEV.
13	133 + 0	36" PINE STUMP 45' RT.	1393.52
14	143 + 25	24" PINE 330' LT.	1390.65
15	147 + 50	20" PINE 270' LT.	1381.22
16	151 + 40	30" PINE 120' LT.	1387.16

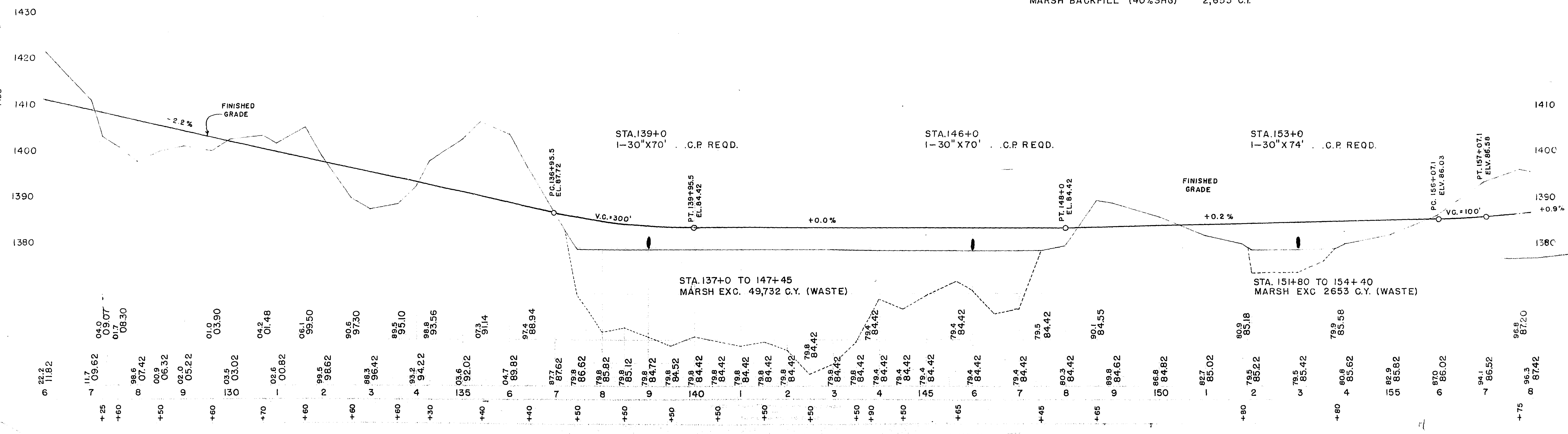


NET ℄ LENGTH STA. 128+00 TO STA. 158+00 = 3000 LIN. FT.

UNC. EX. 47,973 C.Y.
BORROW 9,472 C.Y.
FILL (25% SHG) 7,226 C.Y.
MARSH BACKFILL (75% SHG) 27,667 C.Y.

+0.0

UNC. EX. 41,944 C.Y.
BORROW 8,522 C.Y.
FILL (25% SHG) 6,507 C.Y.
MARSH BACKFILL (75% SHG) 22,065 C.Y.
MARSH BACKFILL (40% SHG) 2,653 C.Y.



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BENCH MARKS				
NO.	STA.	DESCRIPTION		ELEV.
17	159 + 29	8" JACK PINE	135' LT.	1399.77
18	168 + 60	4" BIRCH	55' LT.	1406.27
19	177 + 45	18" PINE	60' LT.	1406.95
20	184 + 45	6" WHITE PINE	10' RT.	1414.81

JOHN MOTYKA

FLORENCE Mc COMB JAMES & HUSBAND STEPHEN

MIKE PLISS & FRANK H. PLISS

MICHAEL PLIS

CLAYTON Mc KINNEY

CLAYTON McKINNEY

1/16 LINE 161+23.8

1/16 LINE 187+67.6

1/4 LINE 174+45.7

R.P. 10" TW. BIRCH 72.80'

R.P. 7" TW. BIRCH 52.30'

R.P. 12" W. PINE 50.60'

R.P. 8" OAK 80.50'

R.P. 9" BIRCH 65.75'

R.P. 6" J. PINE 59.70

W O O D S

STA. 166 + 40 P.E. LT.
1 – 18" X 26' . CULV. PIPE REQ'D.

P.O.T. 165 + 63.6 (T.L.)
165 + 64.3 (L.S.)

P.O.T. 164 + 01.3

P.O.T. 174 + 28.3

STA. 177 + 0 P.E. LT.
1 – 18" X 26' CULV. PIPE REQ'D. — P.O.T. 183 + 08.5

STA. 177 + 0 P.E. RT.
1 – 18" X 26' . CULV. PIPE REQ'D.

P.O.T. 177 + 78.5

POT HOLE

C U L T.

P.E.

SEC. LINE & R/W LINE

N 1° 25' W

1/4 COR. 2 C. PIPE

100'

75'

155

160

165

170

175

180

185

15.5'

191.5'

138.9'

29.6'

86.3'

180+69

184+91

TREE 58.30

R.P. 10" W. OAK 65.70'

NET ℄ LENGTH STA. 158+00 TO STA. 188+00 = 3000 LIN. FT.

+51 UNC. EXC. 7,336 C.Y.
FILL (30% SHG.) 5,513 C.Y.

+00 UNC. EXC. 10,271 C.Y.
FILL (30% SHG.) 7,948 C.Y.

+50

1420
1410
1400
1390
1380
1370

+0.9 %

+0.9 %

FINISHED GRADE

STA. 171 + 00
1 – 30" X 96' C.P. REQ'D.

STA. 182 + 25
1 – 72" X 54' R.C.C.P. CATTLE PASS REQ'D

96.8 87.20
94.5 87.65
92.5 95.03
07.9 97.10

87.0 86.02 | 94.1 86.52 | 96.3 87.42 | 92.8 88.32 | 92.5 89.22 | 95.3 90.12 | 98.8 91.02 | 00.6 91.92 | 02.1 92.82 | 06.4 93.72 | 97.1 94.62 | 99.0 95.52 | 08.2 96.42 | 05.3 97.32 | 97.2 97.77 | 89.5 98.22 | 83.9 99.12 | 87.2 99.57 | 91.4 00.02 | 02.2 00.92 | 07.5 01.82 | 09.2 02.72 | 04.9 03.62 | 04.9 04.52 | 07.3 05.42 | 00.4 05.87 | 92.2 06.32 | 87.4 06.77 | 89.9 07.22 | 89.9 07.67 | 89.9 08.12 | 96.2 09.02 | 04.2 09.56 | 07.6 09.92 | 10.1 10.82 | 11.9 11.27 | 10.4 11.72 | 06.2 12.08 | 07.5 12.62 | 08.0 13.07 | 14.7 13.52 | 18.2 14.42

6 | 7 | 8 | 9 | 160 | 1 | 2 | 3 | 4 | 165 | 6 | 7 | 8 | 9 | 170 | 1 | 2 | 3 | 4 | 175 | 6 | 7 | 8 | 9 | 180 | 1 | 2 | 3 | 4 | 185 | 6 | 7 | 8

+75 +25 +45 +75 +50 +50 +50 +50 +60 +50 +50 +50 +40 +50

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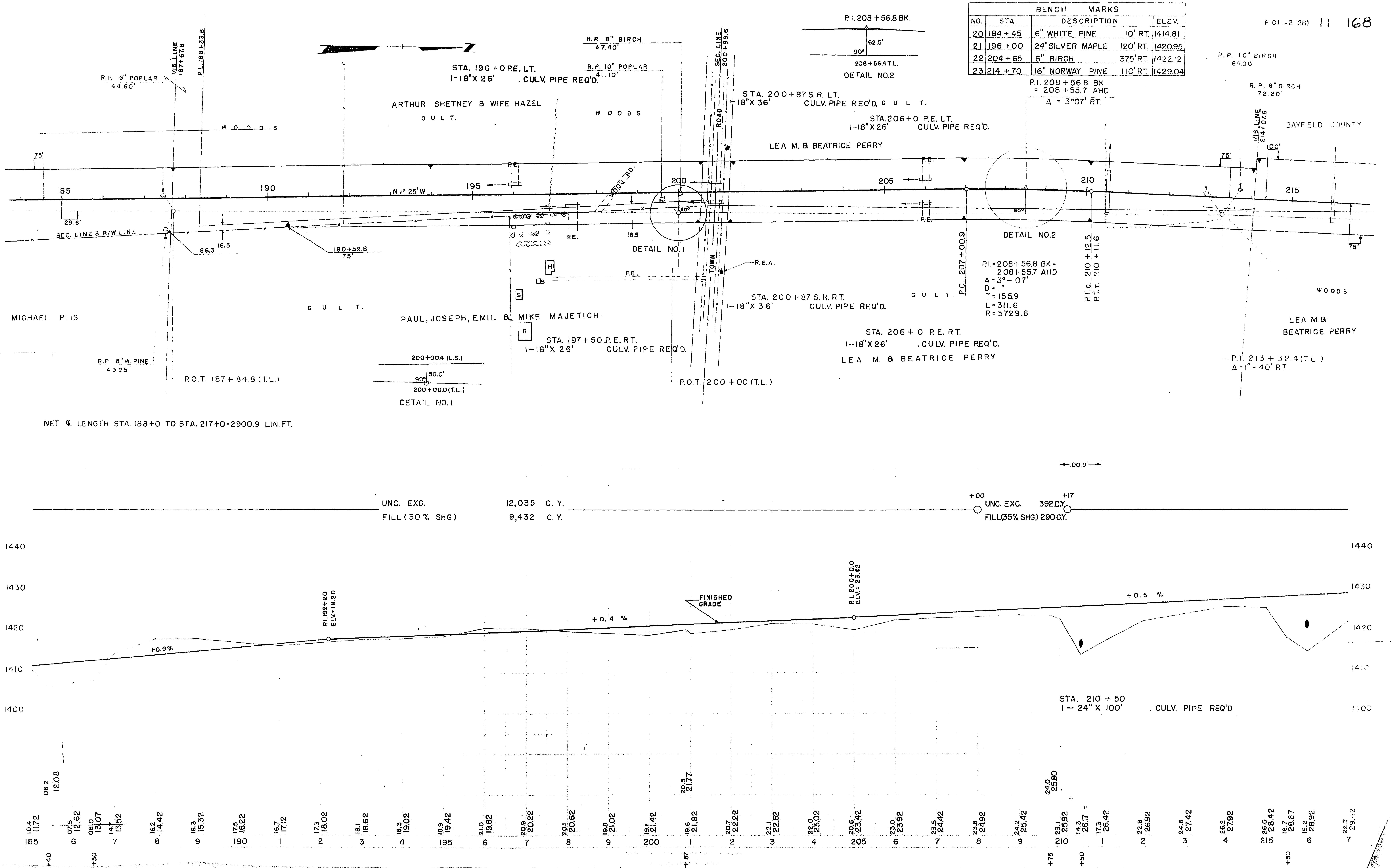
BENCH MARKS				
NO.	STA.	DESCRIPTION		ELEV.
20	184 + 45	6" WHITE PINE	10' RT.	1414.81
21	196 + 00	24" SILVER MAPLE	120' RT.	1420.95
22	204 + 65	6" BIRCH	375' RT.	1422.12
23	214 + 70	16" NORWAY PINE	110' RT.	1429.04



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BENCH MARKS			
NO.	STA.	DESCRIPTION	ELEV.
23	214 + 70	16" NORWAY PINE 110' RT.	1429.04
24	232 + 35	12" NORWAY PINE 25' LT.	1415.57

233 + 40.1 (L.S.)
21.8'
90°
P.O.T. 233 + 40.1 (T.L.)
DETAIL

1/16 LINE 214+07.6
BAYFIELD COUNTY
STA. 227+85 P.E. LT.
1-18"X 26' CULV. PIPE REQ'D
1/4 LINE 227+26.6
MARTHA CONLON
1/16 LINE 240+42.6
BAYFIELD COUNTY

R.P. SPK. 4" OAK 59.10'
R.P. SPK. 5" POP. 10.55'
R.P. SPK. 5" BIRCH 10.77'
R.P SPK. 10" OAK. 59.80'
R.P SPK. 8" POP. 59.50'
1/4 COR. 2" G. PIPE
P.E.
SEC. LINE
N 1° 42' E
R.P. SPK. 12" OAK 54.80'
DETAIL
P. O.T. 224 + 86.4 (T.L.)
P.O.T. 233+40.1 (T.L.)
P.O.T. 242 + 76.2 (T.L.)

100' 75' 41.6' 215 220 225 230 235 240 245 9.3' 5.6' 66'
WOODED
CULT.
LEA M. & BEATRICE PERRY
BAYFIELD COUNTY
UNITED STATES OF AMERICA

NET ℄ LENGTH STA. 217+0 TO STA. 246+0 = 2900.0 LIN. FT.

UNC. EXC. FILL (30% SHG.) 11,157 C.Y. 8,554 C.Y.
+68
UNC. EXC. FILL (25% SHG.) 19,435 C.Y. 15,232 C.Y.
+37
UNC. EXC. FILL (30% SHG) 6143 C.Y. 4747 C.Y.
+96
UNC. EXC. FILL (30% SHG.) 12,857 C.Y. 9,834 C.Y.
+0.0
UNC. EXC. FILL (30% SHG.) 10,543 C.Y. 8,154 C.Y.

1450 1440 1430 1420 1410 1400 1390
+0.5 %
V. C. = 350'
P.C. 217+91.7 ELV.= 29.87
P.T. 221+41.7 ELV. 29.52
STA. 216 + 00
1 - 30" X 98' C.P. REQ'D.
-0.7 %
P.C. 228+35.7 ELV. 24.76
V.C. = 300'
P.T. 231+ 35.7 ELV.= 24.67
+0.7 %
P.C. 236+87.5 ELV.=28.53
V.C. = 200'
P.T. 238+87.5 ELV.= 30.73
FINISHED GRADE
+1.5 %
STA. 239 + 00
1 - 30" X 80' C.P. REQ'D.

215 6 7 8 9 220 1 2 3 4 225 6 7 8 9 230 1 2 3 4 235 6 7 8 9 240 - 2 3 4 245 6
+50 +65 +75 +50 +50 +35 +70 +30 +70 +40 +40 +75 +30 +40 +50 +65 +50 +75 +40 +60 +70 +40 +50 +60 +35

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BENCH MARKS			
NO	STA.	DESCRIPTION	ELEV.
25	248 + 95	24" NORWAY PINE 90' RT.	1440.67
26	253 + 75	5" BIRCH 25' RT	1452.20
27	262 + 50	10" POPLAR 170' LT.	1418.14
28	272 + 50	8" POPLAR 55' RT.	1432.29

90° 4.2'
249 + 82.0
DETAIL

P.O.T. 249 + 82.0
BAYFIELD COUNTY
WOODED
108.2'
251 + 26.3
100'
SEC. LINE
100'
66'
245
POT HOLE DETAIL
250
9'
9'
66'
75'
SEC. LINE 253 + 58.6
R.P. 4" BIRCH 47.85'
R.P. 10" OAK 68.45'
THE UNITED STATES OF AMERICA
WOODED
BRUSH & STUMPS
SEC. LINE & R/W LINE
255
N 1° 42' E
260
P.E.
R.E.A. POWER LINE
CULT.
265
1/16 LINE 265 + 86.3
R.P. 4" J. PINE 3.00'
SCATTERED PINE
107.7'
WILLIAM SEGERSON
CULT.
LAKE SUPERIOR DISTRICT POWER COMPANY
P.E. BRUSH & STUMPS
270
275
WOODED
P.E.
100'
+50
75'
CULT.
100'
264 + 00
PUMP
H
JS
S
LS
LIMITED SLOPE EASEMENT
WOODED
R.P. 4" POPLAR 15.10'
R.P. 4" BIRCH 21.30'
THE UNITED STATES OF AMERICA
P.O.T. 253 + 68.7
P.I. 253 + 68.7 (T.L.)
= P.O.T. 253 + 68.7 (CONST.)
Δ = 0° 37' RT.
WOODED
LEO DE BOTH
B
P.O.T. 266 + 54.4
R.P. 5" W. PINE 16.20'
CULT.
THOMAS STANTON
STA. 262 + 15 P.E. RT.
1 – 18" X 30' CULV. PIPE REQ'D.

NET ℄ LENGTH STA 246+0 TO STA. 276+0 = 3000.0 LIN. FT

+22
UNC. EXC. 5083 C.Y.
FILL (30% SHG.) 3926 C.Y.
+94
UNC. EXC. 13,434 C.Y.
FILL (30% SHG.) 10,163 C.Y.
FILL (P.E.'S) 140 C.Y.
+19 UNC. EXC. 6637 C.Y.
FILL (30% SHG.) 5106 C.Y.
+50

1460
1450
1440
1430
1420
1410
1400
FINISHED GRADE
+1.5%
VC = 400'
+76.6 48.57
+76.6 45.17
-3.2%
+72.9 26.19
+72.9 21.84
VC = 300'
+0.3%
FINISHED GRADE
STA. 263+55
1-30"X 100' CP REQ'D

40.4 39.32
27.0 40.45
43.4 42.62
21.0 45.10
53.3 46.90
53.1 49.12
56.2 48.62
44.0 46.32
47.5 45.22
39.7 43.62
37.0 42.18
44.7 37.06
16.6 30.66
16.2 23.72
13.0 22.12
02.7 21.72
34.1 22.30
33.8 23.50
18.6 24.94
40.8 38.42
31.0 39.92
34.3 41.42
42.2 42.92
31.9 43.67
16.8 44.42
38.4 45.92
56.1 47.42
59.6 48.72
52.3 49.52
48.0 49.42
57.5 49.12
48.2 47.42
45.9 44.42
32.9 41.22
34.2 39.62
41.9 38.02
41.5 34.82
34.7 33.22
21.6 31.62
17.5 28.42
16.7 25.22
16.5 22.92
07.8 21.82
07.0 21.82
12.8 21.97
20.4 22.12
38.3 22.42
36.1 22.72
37.1 22.87
34.8 23.02
34.6 23.32
30.7 23.62
21.4 23.92
18.5 24.22
21.0 24.52
24.8 24.67
21.3 24.82
22.4 25.12
17.1 25.42
4 245 6 7 8 9 250 1 2 3 4 255 6 7 8 9 260 1 2 3 4 265 6 7 8 9 270 1 2 3 4 275 6
+60 +35 +80 +50 +45 +65 +40 +50 +30 +40 +75 +25 +70 +50 +30 +50 +30 +60 +60 +55 +50 +60 +50 +60 +60 +50 +40

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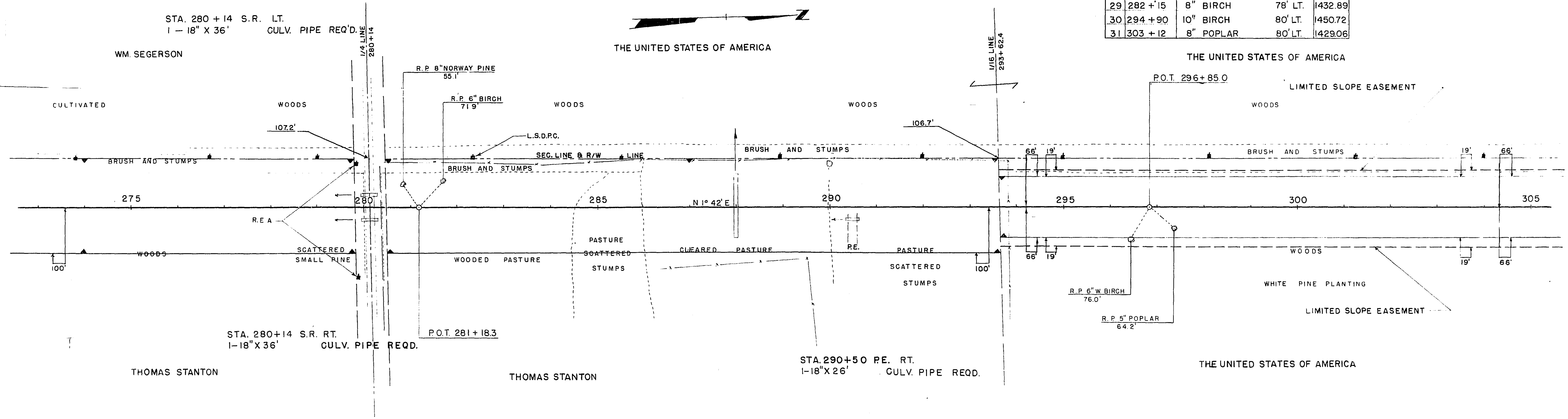
BENCH MARKS				
NO.	STA.	DESCRIPTION		ELEV.
29	282 + 15	8" BIRCH	78' LT.	1432.89
30	294 + 90	10" BIRCH	80' LT.	1450.72
31	303 + 12	8" POPLAR	80' LT.	1429.06



NET ℄ LENGTH STA. 276+0 TO STA 305+0 = 2900.0 LIN. FT.

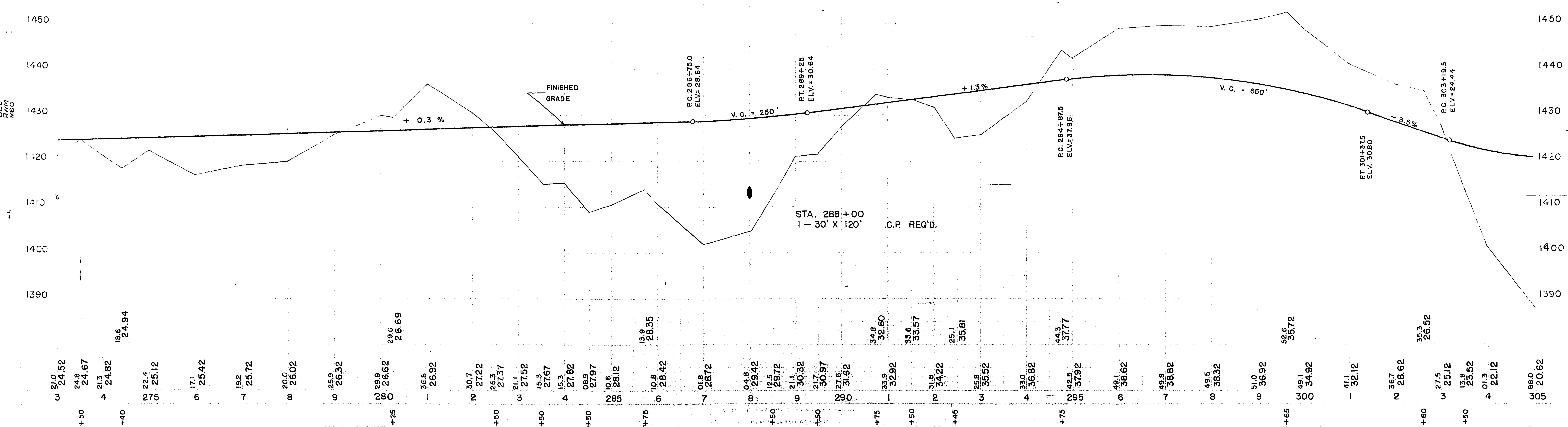
UNC. EXC. 29,994 C.Y.
UNC. EXC. (P.E.) 120 C.Y.
FILL (25 % SHG.) 24,001 C.Y.

+93

UNC. EXC. 19,585 C.Y.
FILL (25 % SHG.) 15,666 C.Y.

+42

UNC. EXC. 23,426 C.Y.
FILL (25 % SHG.) 18,964 C.Y.



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BENCH MARKS			
NO.	STA.	DESCRIPTION	ELEV.
31	303 + 12	8" POPLAR 80' LT.	1429.06
32	313 + 25	10" POPLAR 95' LT.	1434.77
33	323 + 65	10" POPLAR 115' LT.	1463.78

UNITED STATES OF AMERICA

SEC. LINE 307+10.8

STA. 315 + 00 P.E. LT.
1-18"X 26' CULV. REQ'D.

CHRIST OLSON

1/16 LINE 320+45.6

R. P. 8" POPLAR 53.40'

UNITED STATES OF AMERICA

LIMITED SLOPE EASEMENT

L.S.D.P.C.

SEC. LINE

BRUSH & STUMPS

BRUSH & STUMPS

LIMITED SLOPE EASEMENT

19' 66' 14' 4' 66'

P.E.

305 310 315 N 1° 42' E 320 325 330 335

66' 19'

LIMITED SLOPE EASEMENT

R. P. 10" POPLAR 69.70'

R. P. 8" BIRCH 64.10'

R. P. 10" POPLAR 62.10'

PINE PLANTATION

PINE PLANTATION

PINE PLANTATION

UNITED STATES OF AMERICA

UNITED STATES OF AMERICA

UNITED STATES OF AMERICA

P.O.T. 310 + 15.90

P.O.T. 324 + 00

1/4 LINE 333+80.4

1470 NET ℄ LENGTH STA. 305+0 TO STA. 335+0 = 3000.0 LIN. FT.

+96

V. C. = 550'

FINISHED GRADE

+3.8 %

V. C. = 500'

-1.4 %

+19.5 24.44

+69.5 16.26

+34.6 59.13

+34.6 65.13

STA. 331 + 0
1 - 24" X 90' CULV. PIPE REQ'D.

UNC. EXC.	13,636 C. Y.	+00	UNC. EXC.	4,814 C.Y.	+31
FILL (30 % SHG.)	10,300 C. Y.		FILL (30 % SHG.)	3,652 C.Y.	
UNC. EXC.	3,811 C. Y.	+66			
FILL (30 % SHG.)	2,887 C. Y.				

1470 1460 1450 1440 1430 1420 1410 1400 1390 1380

1470 1460 1450 1440 1430 1420 1410 1400 1390 1380

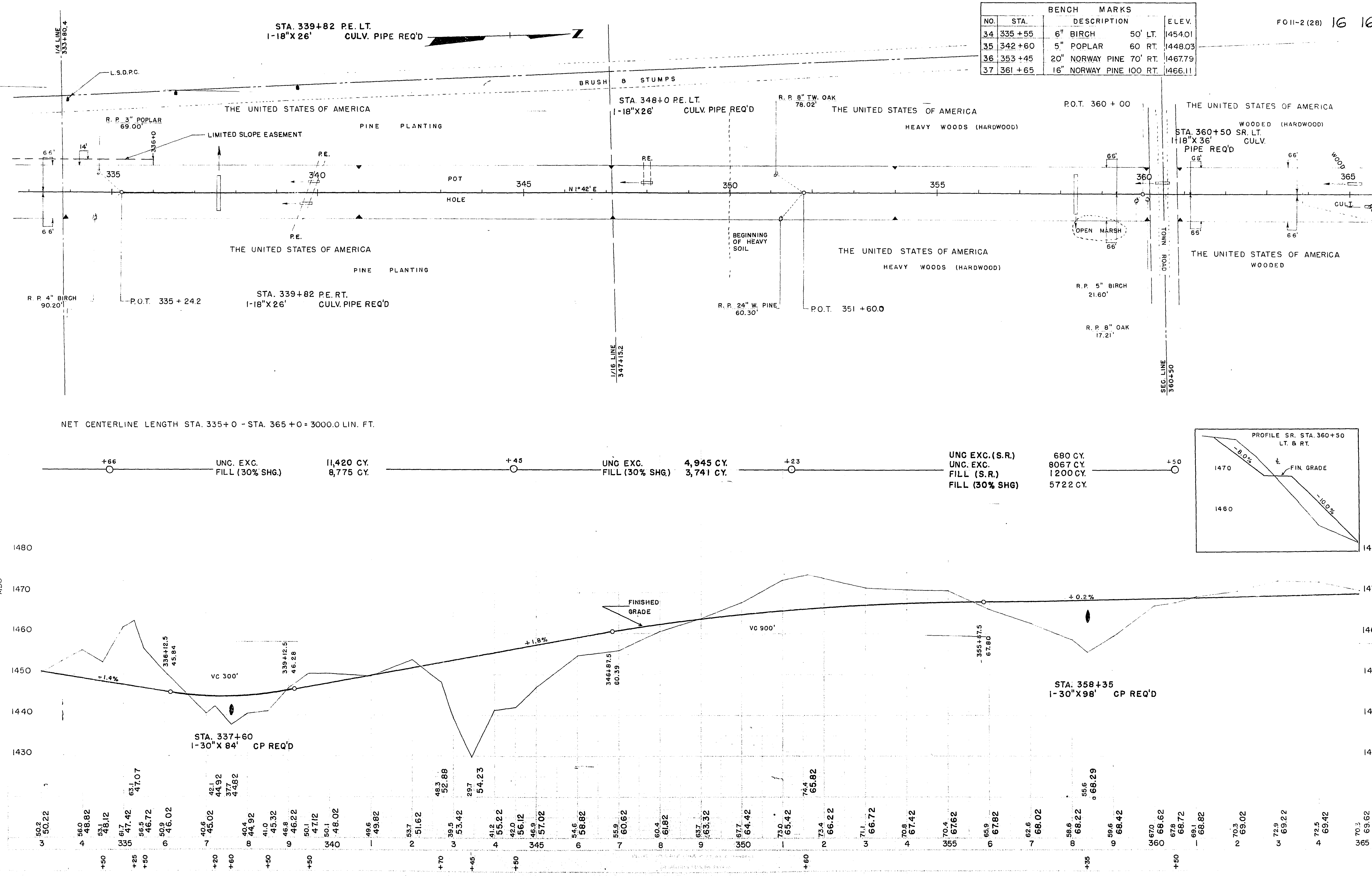
23.6 25.14 38.1 45.32 67.8 64.78 49.1 54.00

27.5 25.12 13.8 23.52 01.3 22.12 88.0 20.62 96.9 20.42 06.9 21.42 15.8 23.72 34.2 27.42 40.6 29.32 43.2 31.22 37.2 35.02 35.4 38.82 36.9 42.62 41.1 46.42 47.5 48.32 50.7 50.22 55.1 54.02 55.7 55.92 52.3 57.82 61.2 61.42 67.1 64.22 69.9 65.82 65.4 66.22 63.7 65.42 67.3 64.22 64.1 62.82 54.2 61.42 51.7 60.02 58.9 58.62 61.0 57.92 52.8 57.22 47.8 55.82 44.0 55.12 49.4 54.42 43.6 53.02 50.9 51.62 50.2 50.22 56.0 48.82 53.1 48.12 61.7 47.42

3 4 305 6 7 8 9 310 1 2 3 4 315 6 7 8 9 320 1 2 3 4 325 6 7 8 9 330 1 2 3 4 335

+50 +40 +50 +70 +50 +50 +50 +60 +50 +50 +30 +50

BENCH MARKS			
NO.	STA.	DESCRIPTION	ELEV.
34	335 +55	6" BIRCH 50' LT.	1454.01
35	342 +60	5" POPLAR 60 RT.	1448.03
36	353 +45	20" NORWAY PINE 70' RT.	1467.79
37	361 +65	16" NORWAY PINE 100 RT.	1466.11



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BENCH MARKS			
NO.	STA.	DESCRIPTION	ELEV
38	373 + 30	14" WHITE PINE 70' RT.	1464.01
39	383 + 00	18" OAK 75' LT.	1461.10
40	393 + 55	16" OAK 55' LT.	1431.63

STA. 365+38 P.E. LT.
1-18"X26' CULV. PIPE REQD.

R.P. 5" BASSWOOD 76.45'

R.P. 16" OAK 57.00'

WOODED (HARDWOOD)

UNITED STATES OF AMERICA

SEC. LINE

ALVIN SEGERSON & WIFE EMMA

WOODED (HARDWOOD)

STA. 382+40 P.E. LT.
1-18"X26' . CULV. PIPE REQD.

WOODED

ANDREW BRANDSWICK

P.O.T. 388 + 00

LAKE

P.L. 390+30 75'

P.L. 392+34 75'

OPEN MARSH

BRUSH & STUMPS

L.S.D.P.C.

P.O.T. 381 + 47.0

CULT.

P.E.

CONC. FOUND. WALL

OAK GROVE

PRESENT MARSH

U.S.H. NO. 63

WISC. TEL. CO.

P.E.

75'

66'

385

N 1°-42' E

370

375

POT

380

N 1°-42' E

385

390

395

P.E.

66'

75'

9'

LIMITED SLOPE EASEMENT

W. PINE & TAMRACK SWAMP

BRUSH & STUMPS

P.E.

R.P. 4" POPLAR 72.30'

R.P. 4" POPLAR 64.90'

R.P. 8" POPLAR 59.10'

R.P. 12" POPLAR 51.80'

CULT.

BRUSH

CULT.

WOODED

ONE WALL OF SHED STILL STANDING

DRAINAGE DITCH

WOODED

STA. 365+38 P.E. RT.
1-18"X26' CULV. PIPE REQD. P.O.T. 370+08.5

WOODED (HARDWOOD)

UNITED STATES OF AMERICA

1/16 LINE 373+86.2

ALVIN SEGERSON & WIFE EMMA

WOODED (HARDWOOD)

STA. 382+40 P.E. RT.
1-18"X26' . CULV. PIPE REQD.

1/4 LINE 387+12.5

CHRIST B. LAUER & WIFE JEANETTE

STA. 392+0 SR. LT.
1-24"X40' CULV. PIPE REQD.

STA. 396+10 P.E. LT.
1-18"X26' CULV. PIPE REQD.

NET ℄ LENGTH STA. 365 +0 TO STA. 396 +0 = 3100.0 LIN. FT.

UNC. EXC.	16,577	C.Y.	+35	UNC. EXC.	7,141	C.Y.	+60	UNC. EXC.	857 C.Y.	+44	UNC. EXC.	1,485 C.Y.
FILL (30 % SHG.)	11,320	C.Y.		FILL (30% SHG.)	5,337	C.Y.		FILL (30% SHG.)	659 C.Y.		FILL (30% SHG.)	1,143 C.Y.
MARSH BACKFILL (40 % SHG.)	1,333	C.Y.										

STA. 371+35 TO 371+90
MARSH EXC. 145 C.Y. (WASTE)

STA. 373+75 TO 376+50
MARSH EXC. = 1333 C.Y. (WASTE)

STA. 375+50
1-30" X 98' C.P. REQ'D.

+0.2%

V.C. = 450'

FINISHED GRADE

-3.5%

V.C. = 300'

-1.0%

P.C. 378 + 78.0 72.32

P.T. 382 + 98.2 64.89

P.C. 390 +06.0 40.11

P.T. 393+06.0 33.60

1480 1470 1460 1450 1440 1430 1420

71.8 70.55

76.4 72.32

47.6 48.92

38.3 42.22

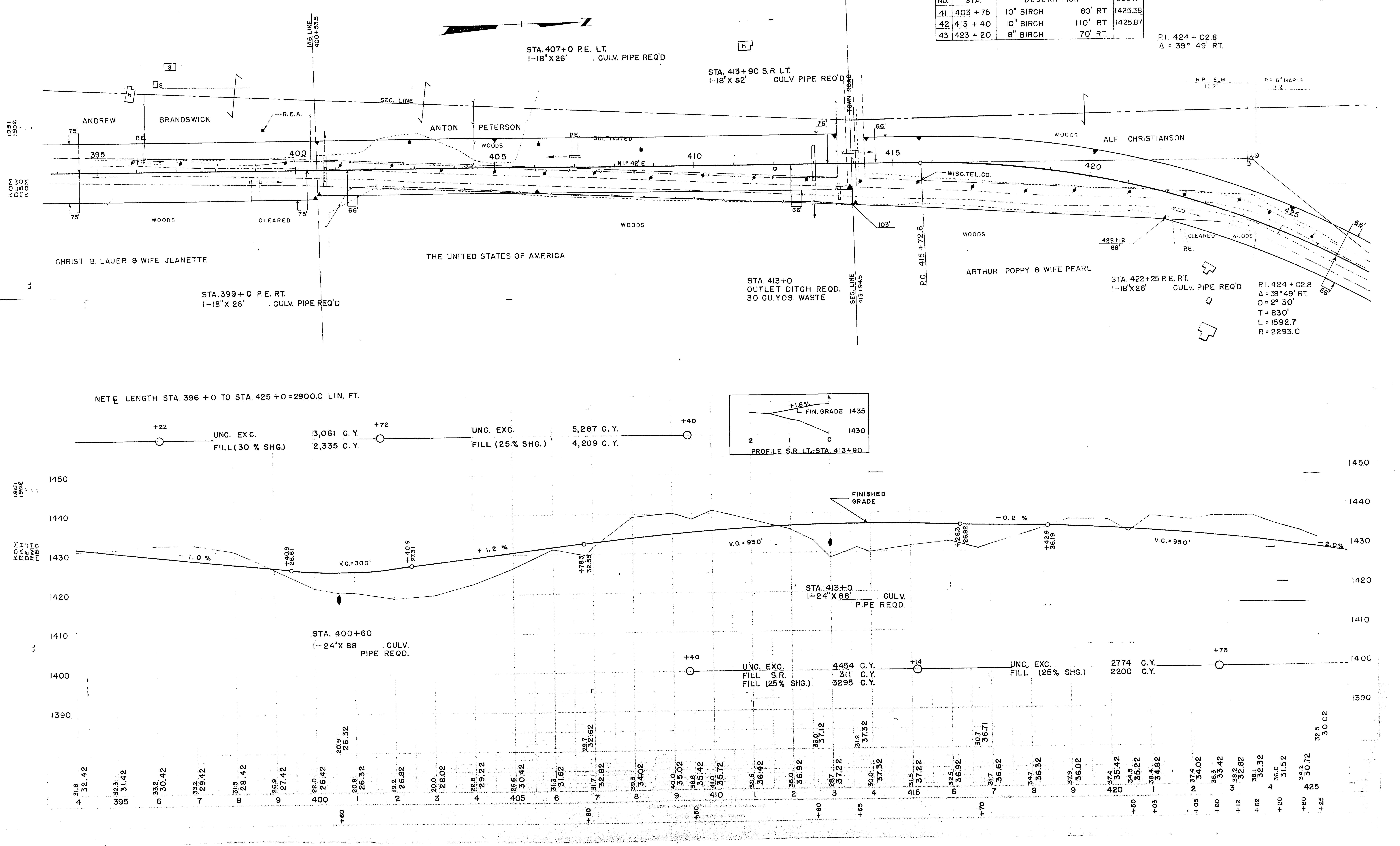
28.2 34.02

72.5 69.42 | 70.3 69.62 | 73.4 69.82 | 74.7 70.02 | 78.0 70.22 | 73.5 70.42 | 75.8 70.62 | 63.4 70.82 | 59.2 70.92 | 61.4 71.02 | 63.3 71.2 | 62.9 71.42 | 62.6 71.52 | 62.8 71.62 | 62.7 71.72 | 62.7 71.82 | 66.0 72.02 | 73.6 72.22 | 72.6 72.22 | 72.0 71.92 | 73.7 71.52 | 73.3 71.12 | 76.6 70.22 | 77.7 69.22 | 69.3 68.02 | 59.9 64.82 | 52.1 61.32 | 48.1 57.82 | 48.1 54.32 | 50.7 50.82 | 49.6 47.32 | 43.4 45.62 | 41.6 43.82 | 36.6 40.32 | 34.1 37.32 | 31.3 34.92 | 28.4 33.52 | 31.8 32.42 | 32.3 31.42 | 33.2 30.42

4 | 365 | 6 | 7 | 8 | 9 | 370 | 1 | 2 | 3 | 4 | 375 | 6 | 7 | 8 | 9 | 380 | 1 | 2 | 3 | 4 | 385 | 6 | 7 | 8 | 9 | 390 | 1 | 2 | 3 | 4 | 395 | 6

+65 +50 +50 +50 +60 +50 +50 +50 +55 +50 +45 +55

BENCH MARKS			
NO.	STA.	DESCRIPTION	ELEV.
41	403 + 75	10" BIRCH 80' RT.	1425.38
42	413 + 40	10" BIRCH 110' RT.	1425.87
43	423 + 20	8" BIRCH 70' RT.	



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BENCH MARKS			
NO.	STA.	DESCRIPTION	ELEV.
44	433+90	6" OAK 100' RT.	1399.18
45	445+10	5" POPLAR 85' LT.	1423.13
46	452+90	12" OAK 105' LT.	1344.77

P.I. 424 + 02.8
Δ = 39° 49' RT.

R.P. 6" ELM 12.20'

R.P. 6" MAPLE 11.20'

STA. 433+50 TO STA. 438+0
OBLITERATE OLD ROAD
(NOT A PART OF THIS CONTRACT)

THE UNITED STATES OF AMERICA

WOODED

LIMITED SLOPE EASEMENT

WISC. TEL. CO.

R.P. 8" OAK 18.40'

OBLITERATE

SEC. LINE

ALF CHRISTIANSON

WOODED

9'

66'

49'

442+0

1/16 LINE 441+95

449+0

N 41° 31' E

L.S.D.P.C.

447+0

34'

6.6'

CLEARED

422+12
66' LT.

1/16 LINE 427+90

P.T.C. 431 + 65.5
P.T.T. 432 + 32.8

P.O.T. 439 + 89.9

R.P. 5" BASSWOOD 14.70

1/4 LINE 445 + 80

ARTHUR POPPY & WIFE PEARL

THE UNITED STATES OF AMERICA

NET ℄ LENGTH STA. 425+00 TO STA. 456+00 = 3032.7 LIN. FT.

132.7

+92.9
25.26

- 2.0 %

FINISHED GRADE

+98

UNC. EXC. 20,546 C.Y.
FILL (25% SHG.) 16,439 C.Y.

+25.0
93.92

V.C. 350'

+75.0
57.92

- 6.0 %

STA. 443+0
1-30" X 120' C.P. REQ'D.

+87.7
49.16

V.C. = 600'

+83

UNC. EXC. 8,132 C.Y.
FILL (25% SHG.) 6,504 C.Y.

UNC. EXC. 45,563 C.Y.
FILL (20% SHG.) 37,874 C.Y.

1430 1420 1410 1400 1390 1380 1370 1360 1350 1340 1330 1320

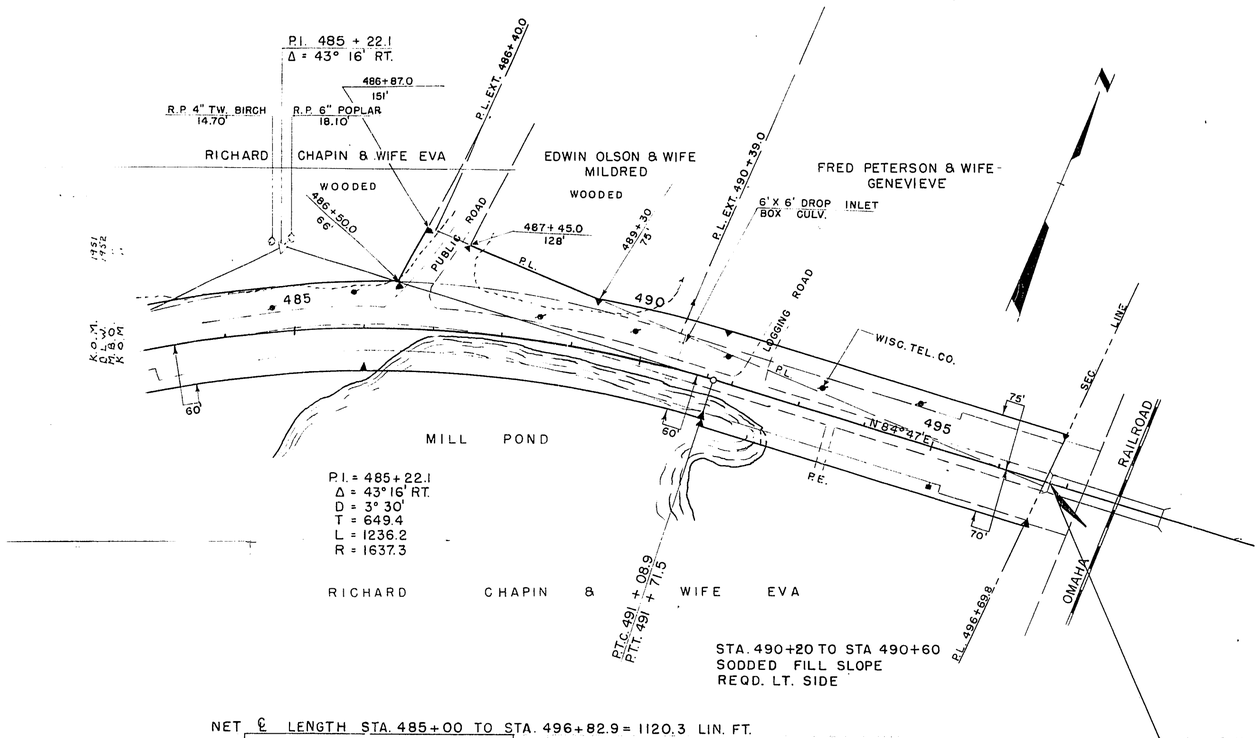
425 6 7 8 9 430 1 3 4 435 6 7 8 9 440 1 2 3 4 445 6 7 8 9 450 1 2 3 4 455 6

T 011-2(28) 20 168

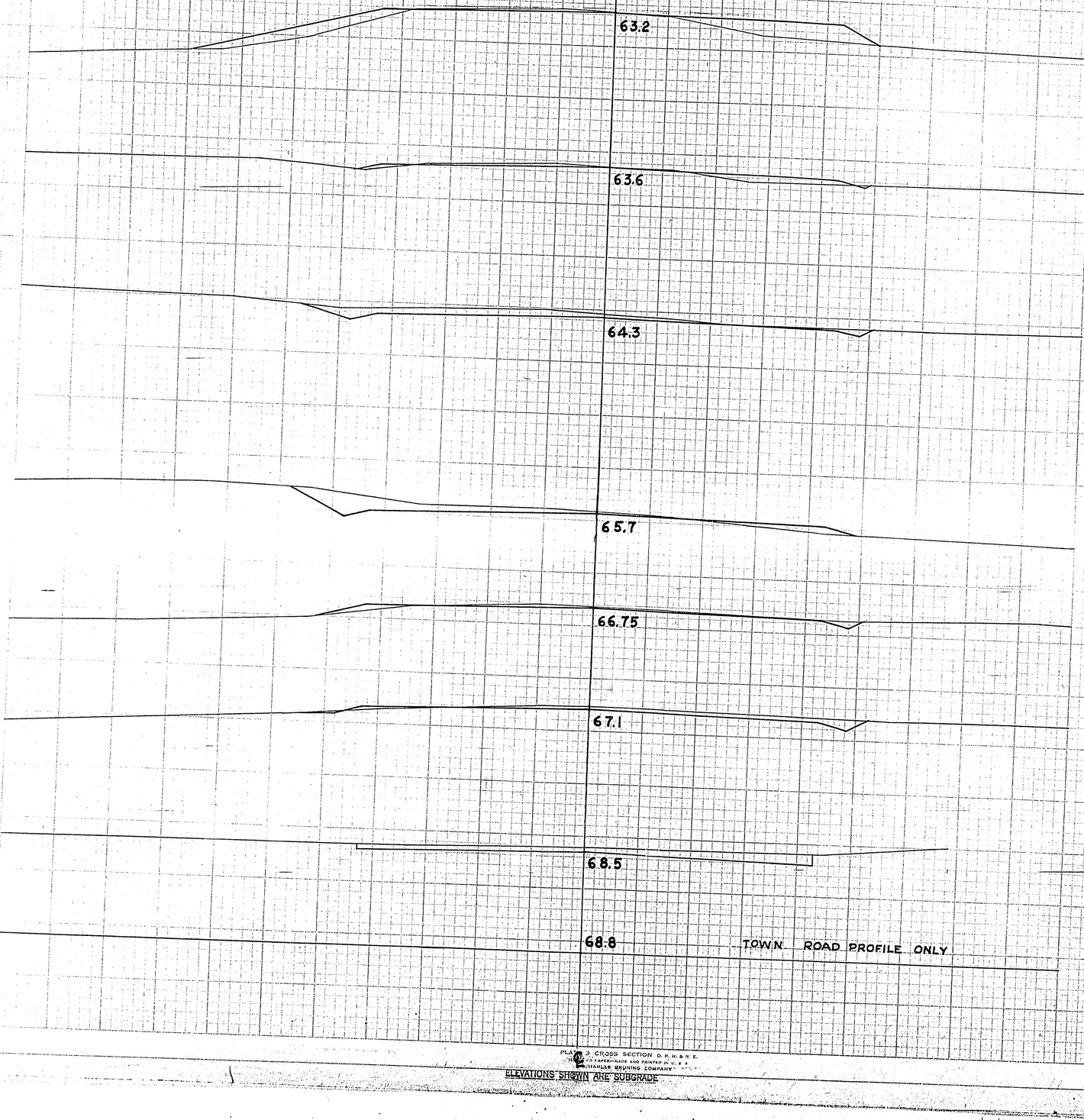
BENCH MARKS				
NO.	STA.	DESCRIPTION		ELEV.
47	461 + 85	12" WHITE PINE	80' LT.	1325.76
48	473 + 70	8" OAK	50' RT.	1321.31
49	482 + 35	10" POPLAR	90' RT.	1325.17

BENCH MARKS			
NO.	STA.	DESCRIPTION	ELEV.
50	491 + 13	□ S.E. COR. CULV. 19' RT.	1314.86

F 011-2 (28) 21 168



ELEVATIONS SHOWN ARE SUBGRADE



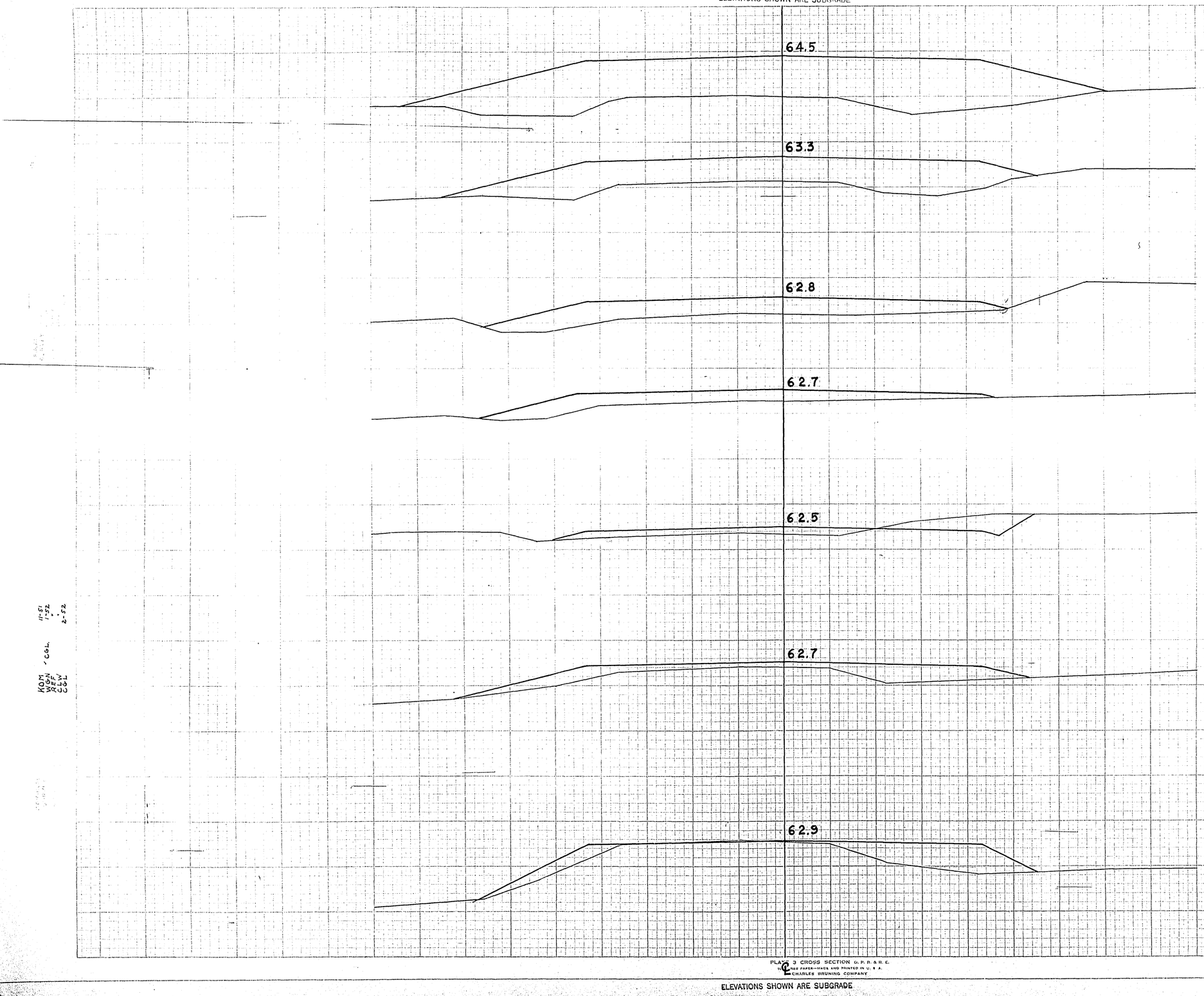
P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. SN	F011-2(28)	29	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
14+0						
	60.0					
+65						
	60.0					
13+0						
	65.0					
12+0						
	65.0					
+25		10		13		2
	65.0	11				
11+0				9		2
	65.0	+25				
		12		37		15
10+0						
	70.0	13		76		11
+65						
				28		9
10+0		14				
	70.0			2		41
SHEET TOTAL		165				80

PLAN & CROSS SECTION O. P. R. & R. E.
NO. 23 PAPER—MADE AND PRINTED IN U. S. A.
CHARLES FRANKLIN BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	30	168

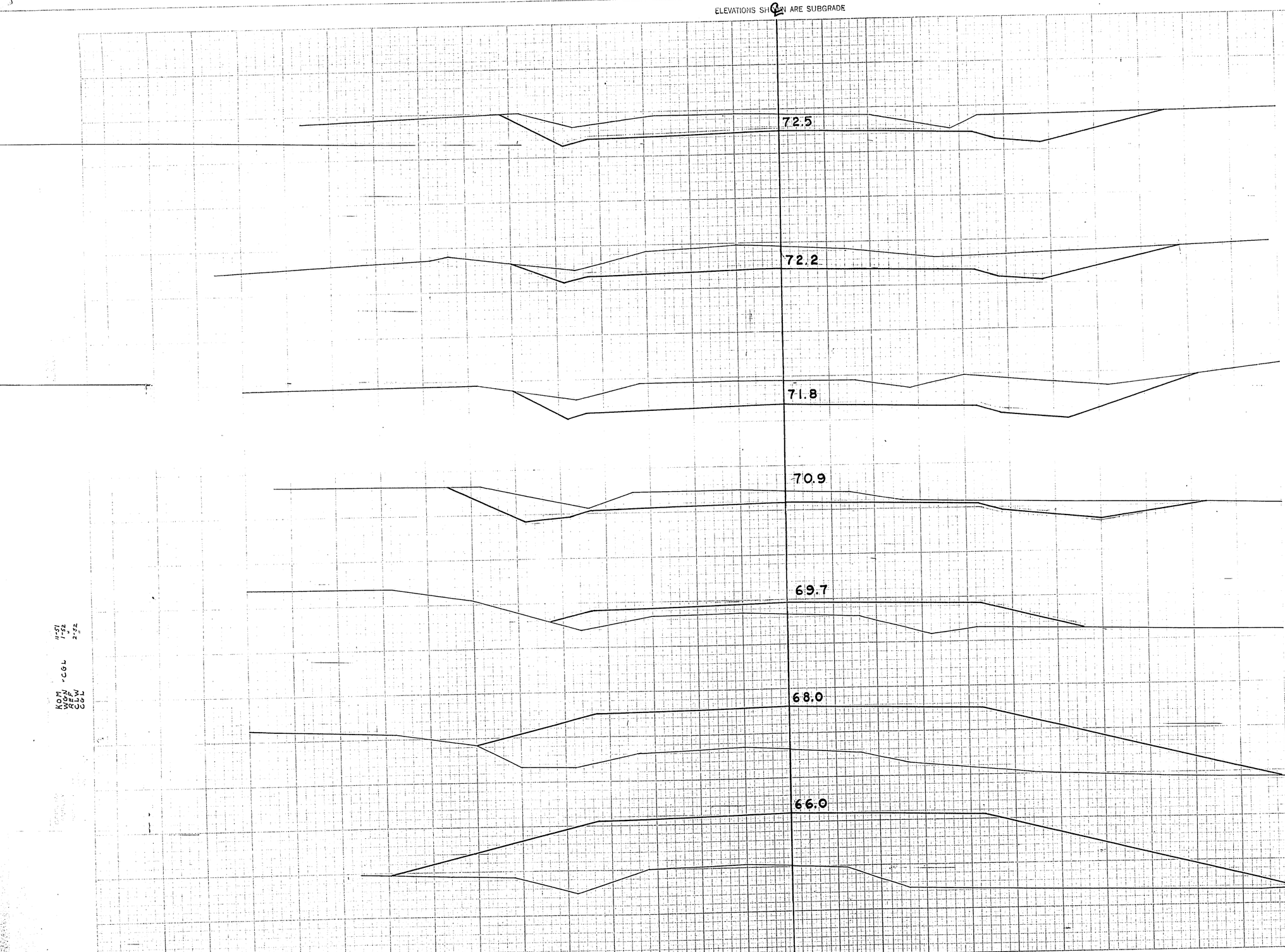
STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
19+0	60.0					
18+0	60.0					
+35	60.0					
17+0	60.0					
16+0	60.0					
15+0	60.0					
14+35	60.0					
14						
+35		0				76
15		2				46
16		41				148
17		2				156
+35		0				104
18		0				324
19		0				896
SHEET TOTAL		45				1850

KOM 11-51
WGN 1-52
CLW 2-52
CGL

PLATE 3 CROSS SECTION U. P. R. & R. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	31	168

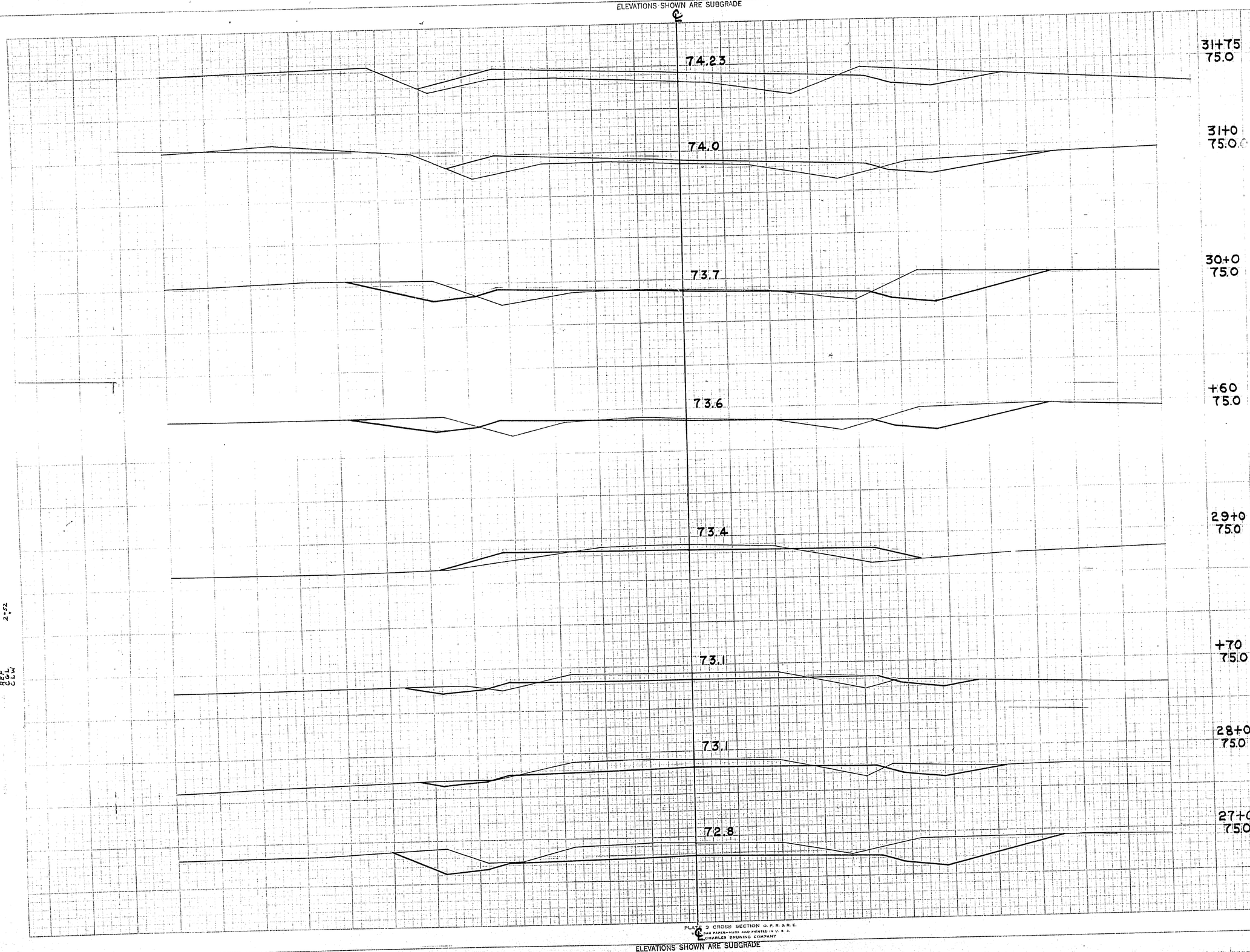
STATION	DISTANCE	YARDAGE				
		EXCAVATION				FILL
		UNC.				
19						
		0				1531
20						
		0				1680
21						
		0				893
22						
		157				119
23						
		552				0
24						
		617				0
25						
		507				0
26						
SHEET TOTAL		1833				4223

KOM 11-51
WGN 1-52
CEW 2-52
CGL

PLATE 3 CROSS SECTION O. P. R. & R. E.
CEA PAPER-MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	32	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
26						
	452					0
27						
	287					11
28						
	98					22
+70						
	24					19
29						
	61					43
+60						
	76					26
30						
	143					117
31						
	54					135
+75						
SHEET TOTAL		1195				373

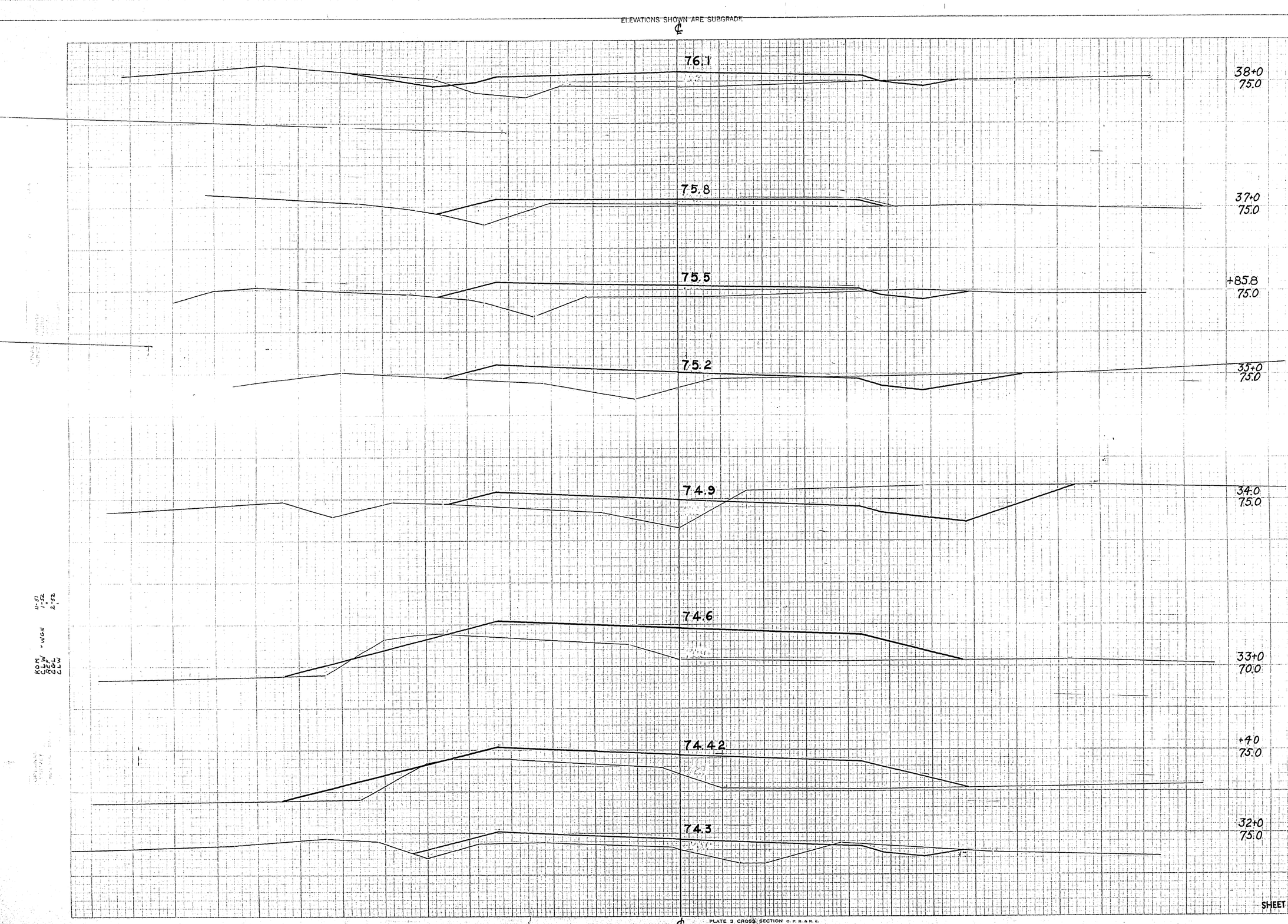
KOM 11-51
WGN 1-52
REF 2-52
CGL
CLW

PLATE 3 CROSS SECTION C. P. R. & R. C.
THIS MAP PREPARED AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. SN	F011-2(28)	33	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
38+0	75.0					
37+0	75.0					
+85.8	75.0					
35+0	75.0					
34+0	75.0					
31						
+75		15				56
32						
		7				159
+40						
		0				333
33						
33+0	70.0	180				393
34						
		217				243
35						
+40	75.0	50				269
+85.8						
		13				220
37						
32+0	75.0	17				217
38						
SHEET TOTAL		499				1890

KOM 11-51
QEW 1-52
DGL 2-52
CLW

℄

PLATE 3 CROSS SECTION O. P. R. & R. C.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

78.2

78.05

77.9

77.6

77.3

77.0

76.7

76.4

45+0
75.0

+50
75.0

44+0
75.0

43+0
75.0

42+0
75.0

41+0
75.0

40+30
75.0

40+0
75.0

39+0
75.0

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	34	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
38+0						
		93				172
39+0						
		237				52
40+0						
		201				74
41+0						
		126				102
42+0						
		102				96
43+0						
		69				169
44+0						
		37				109
+50						
		15				141
45+0						
SHEET TOTAL		880				915

KOM - WGN 11-51
CLW 11-52
REF 2-52
CLW

PLATE 3 CROSS SECTION O. P. R. & R. E.
1005 RAG PAPER-MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

℄
ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. SN	F011-2(28)	35	168

79.7

79.55

79.4

79.25

79.1

78.8

78.5

78.34

STATION	DISTANCE	YARDAGE EXCAVATION UNC.	YARDAGE EXCAVATION	YARDAGE FILL
50+0	75.0			
+50	75.0			
49+0	75.0			
48+50	75.0			
48+0	75.0			
47+0	75.0			
46+0	75.0			
+45	75.0			
45		4		354
+45		0		791
46		0		1470
47		0		1567
48		0		663
+50		0		324
49		20		180
+50		20		113
50				
SHEET TOTAL		44		5462

KOM 11-51
CLW 1-52
REF 2-52
CLW

ORIGINAL

FINAL SURFACE

℄

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

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

81.8

81.5

81.2

80.9

80.6

80.3

80.15

80.0

79.85

57+0
80.0

56+0
80.0

55+0
80.0

54+0
80.0

53+0
88.0

52+0
80.0

+50
80.0

51+0
75.0

+50
75.0

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. SN	F011-2(28)	36	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
50						
	24					61
+50						
	83					11
51						
	178					6
+50						
	224					0
52						
	309					22
53						
	217					22
54						
	244					0
55						
	304					0
56						
	298					15
57						
SHEET TOTAL	1881					137

FINAL SURVEY DATE
ORIGINAL
HDM 11-51
JWH 1-52
REH 2-52
CGH

℄

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

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

81.0

81.6

82.0

82.3

82.5

82.6

82.65

82.4

82.1

66+0
80.0

65+0
80.0

64+0
80.0

63+0
85.0

62+0
80.0

61+0
80.0

60+0
80.0

59+0
80.0

58+0
80.0

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. SN	F011-2(28)	37	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
57		228				15
58		387				0
59		605				0
60		665				0
61		546				0
62		326				6
63		146				67
64		30				283
65		19				365
66						
SHEET TOTAL		2952				736

ROM
GEW
CSW
CGC

11-51
1-52
2-52

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

℄

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

76.1

77.3

77.6

78.4

78.9

79.4

79.9

80.2

80.4

71+0
75.0

70+0
75.0

+75
75.0

69+0
80.0

+50
80.0

68+0
80.0

67+50
80.0

67+0
80.0

66+70
80.0

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	38	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
66						
+70	50					294
67	31					115
+50	111					56
68	178					7
+50	176					4
69	156					2
+75	141					120
70	19					94
71	22					537
SHEET TOTAL	884					1229

11-61
7-62
2-62

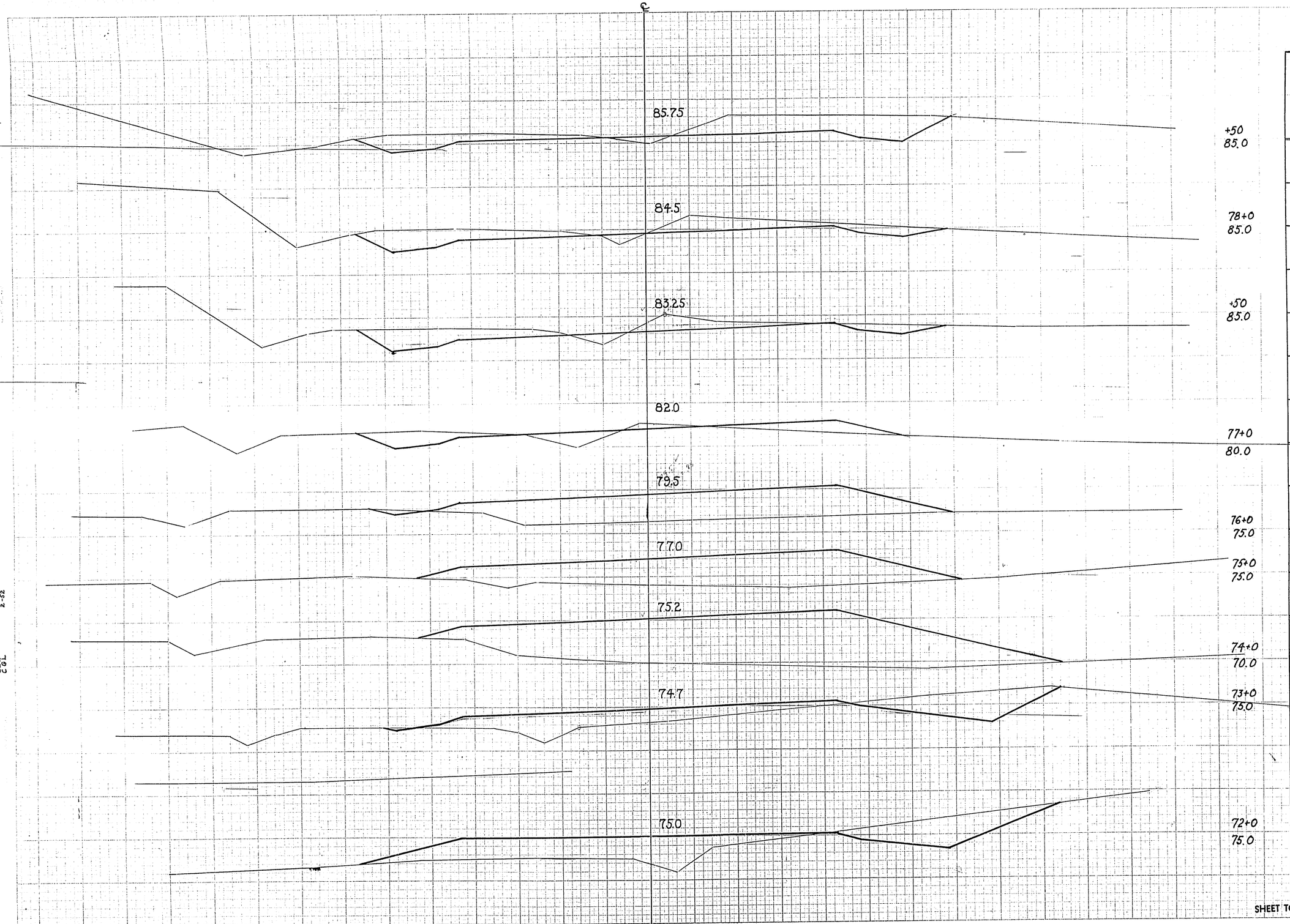
HOM
GEN
CEC

PLATE 3 CROSS SECTION O. P. R. & R. E.
100% RAG PAPER MANUFACTURED IN U. S. A.
CHARLES BRUNNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

℄

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	39	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
71						
		96				496
72						
		185				293
73						
		22				669
74						
		0				665
75						
		0				389
76						
		2				322
77						
		33				35
+50						
		93				15
78						
		146				7
+50						
SHEET TOTAL		577				2891

K.O.M. 11-51
C.L.W. 1-52
REF. "
L.A.J. 2-52
C.G.L. ✓ RIL

℄ PLATE 3 CROSS SECTION O. P. R. & R. L.
100% RAG PAPER MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

+55 00.0

92.61

85+0 00.0

93.6

95.2

84+0 95.0

95.4

+50 95.0

95.3

83+0 95.0

94.9

+50 95.0

94.3

82+0 95.0

92.0

81+0 95.0

89.5

80+0 90.0

87.63

+25 85.0

87.0

79+0 85.0

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	40	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
78 +50		94				48
79		13				52
+25		208				96
80		667				2
81		615				0
82		217				0
+50		239				0
83		269				0
+50		376				0
84		1500				0
85		1337				0
+55						
SHEET TOTAL		5535				198

KOM
GLE
GLW
RIL

11-54
1-62
2-62

℄

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

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

USE DASHED LINE

87.75

+25
90.0

88.2

88+0
90.0

89.1

+50
90.0

90.0

87+0
90.0

90.9

+50
95.0

91.8

86+0
00.0

92.16

+80
00.0

KOM
CLW
REV
CLW
RIL

RIL 11-51
1-52
2-52

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

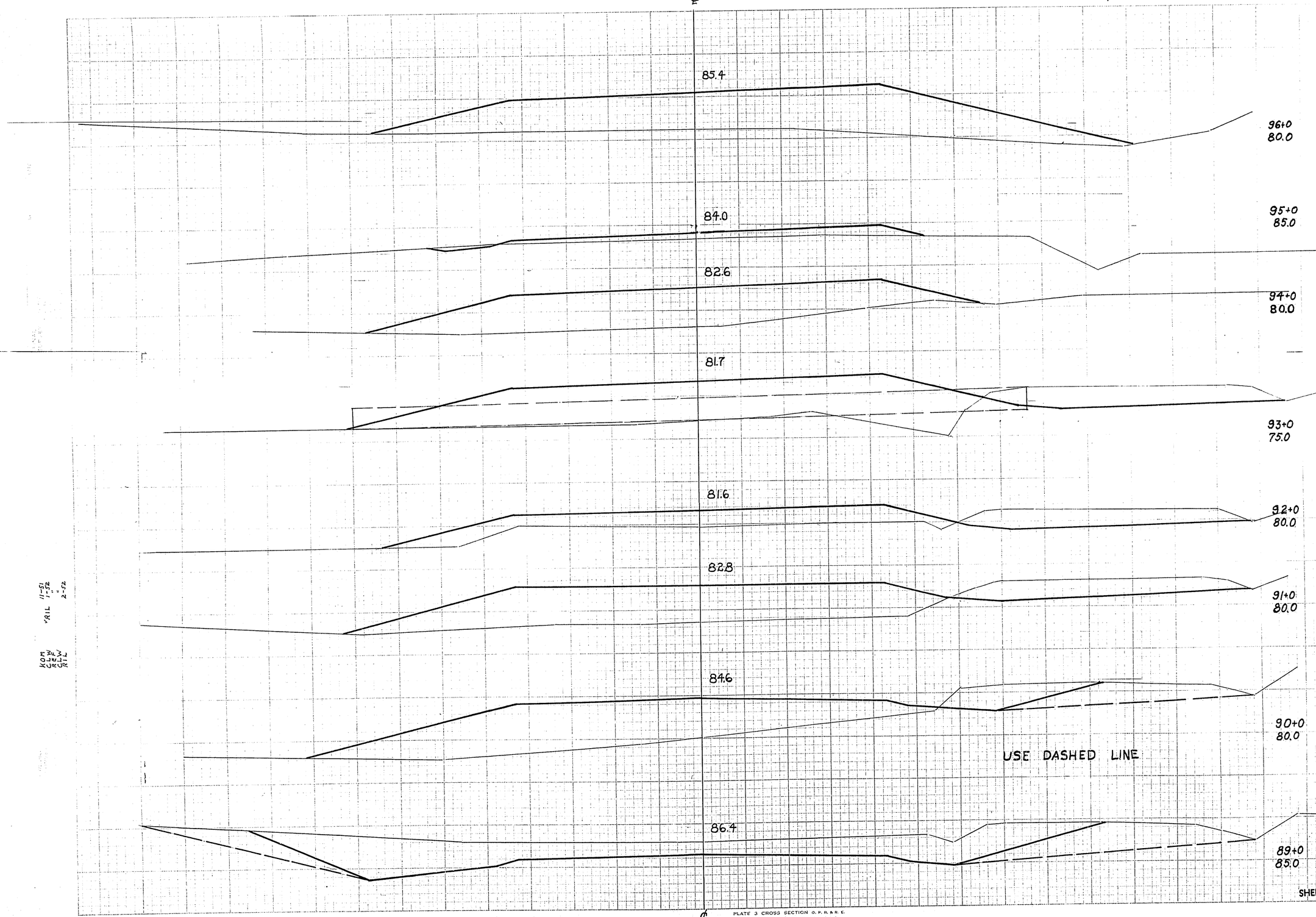
ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	41	168

STATION	DISTANCE	YARDAGE				
		EXCAVATION				FILL
		~~UNC.~~	UNC.			
85 +55						
		~~706~~	737			0
+80						
		~~548~~	600			0
86						
		~~957~~	1085			0
+50						
		~~570~~	698			0
87						
		~~515~~	663			0
+50						
		~~833~~	1015			0
88						
		~~617~~	717			0
+25						
SHEET TOTAL		~~4746~~	5515			0

ELEVATIONS SHOWN ARE SUBGRADE

℄



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	42	168

STATION	DISTANCE	YARDAGE EXCAVATION ~~ROCK~~	EXCAVATION UNC.			FILL
88	+85	~~1307~~	1594			0
89		~~509~~	781			293
90		~~17~~	261 ~~37~~			996
91		~~0~~	217 ~~0~~			650
92		~~0~~	233 ~~0~~			730
93		~~0~~	63 ~~0~~			967
94			0			489
95			0			624
96						
SHEET TOTAL		~~1833~~	3149			4699

VRIL 11-51 1-52 2-52

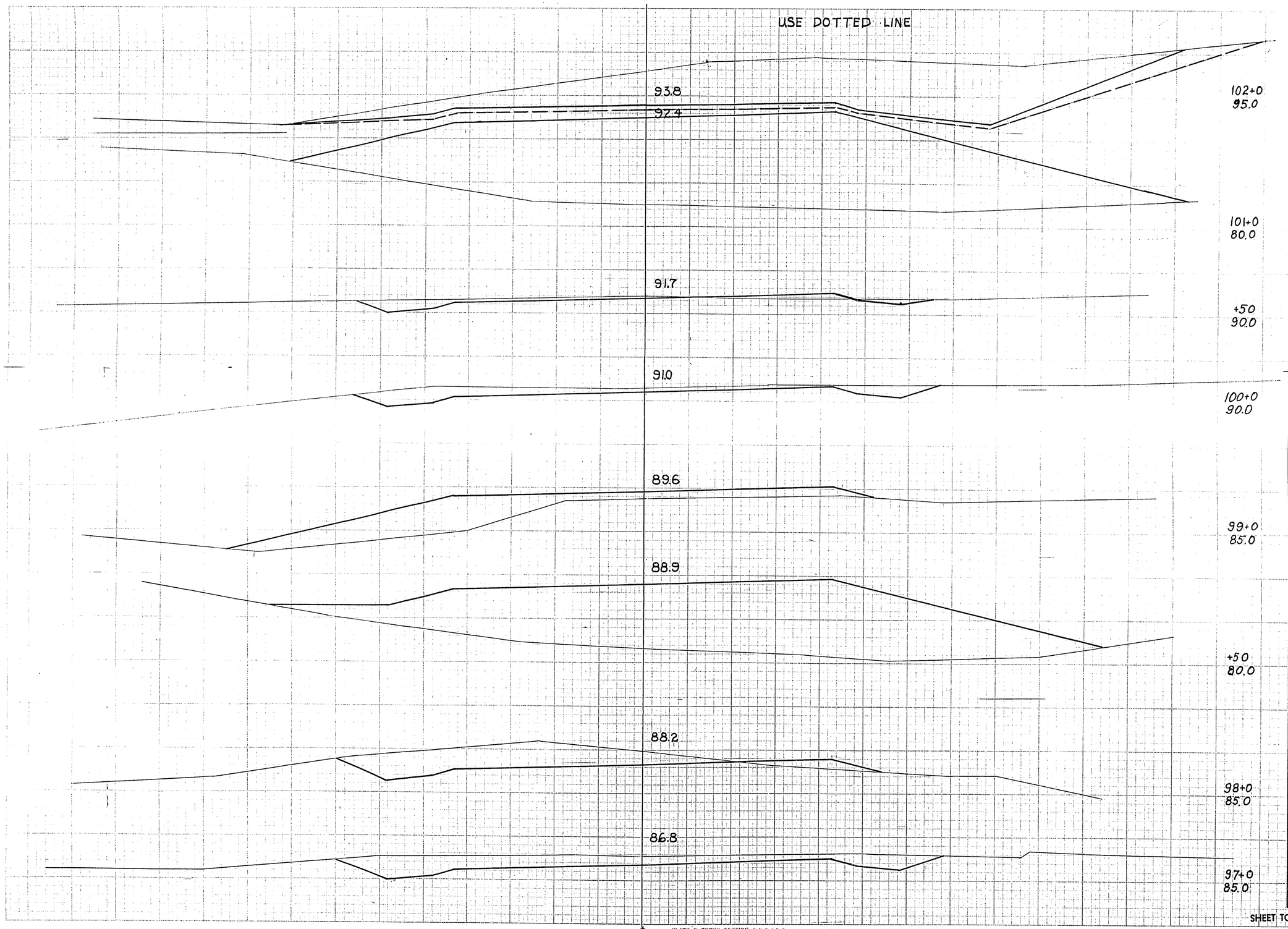
KOM CUW REW VRIL

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

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

USE DOTTED LINE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	43	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
96						
	48					394
97						
	331					4
98						
	85					470
+50						
	0					578
99						
	24					231
100						
	70					6
+50						
	6					681
101						
	398 ~~269~~					811
102						
SHEET TOTAL	962					3175

KOM 11-51
CGL 1-52
CLW "
RIL 2-52

PLATE 3 CROSS SECTION O. P. R. & R. C.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

USE DOTTED LINE

~~33.4~~
95.8

106+0
85.0

~~36.0~~
95.3

105+0
95.0

~~36.6~~
94.8

104+0
95.0

+35
00.0

~~35.69~~
94.5

103+0
05.0

~~35.2~~
94.2

102+50
00.0

~~34.5~~
93.7

℄

ELEVATIONS SHOWN ARE SUBGRADE

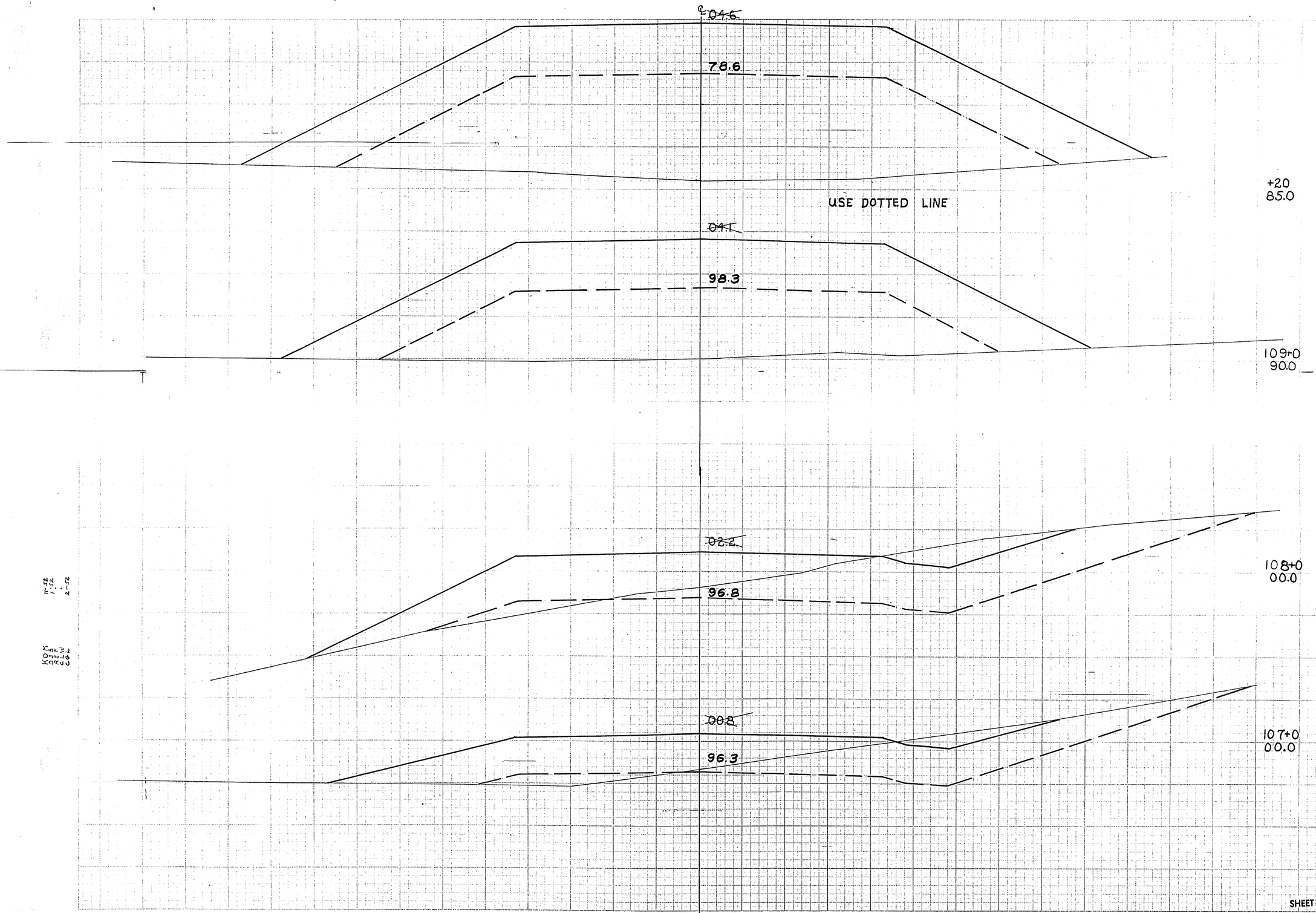
KOM 11-51
VCGL 1-52
CLW & 2-52
RIL

PLATE 3 CROSS SECTION O. P. R. & R. E.
100% RAG PAPER—NEGE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	44	168

STATION	DISTANCE	YARDAGE: EXCAVATION ~~UNC.~~	EXCAVATION U.N.C.	EXCAVATION	EXCAVATION	FILL
102						
+50		~~902~~	1052			0
		~~1469~~	1746			0
103		1083	1352			0
+35		~~857~~	1176			30
104		~~6~~	167			280
105		~~0~~	9			1291
106						
SHEET TOTAL		~~4317~~	5502			1601

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	45	168

STATION	DISTANCE	YARDAGE EXCAVATION ~~UNC.~~	UNC.			FILL
106		~~9~~	176			1148
107		~~102~~	876			70
108		~~13~~	261			885
109		~~0~~	0			454
+20						
SHEET TOTAL		~~124~~	1313			2557

KOM
DJS
KELW
CBL

11-21
1-22
2-22

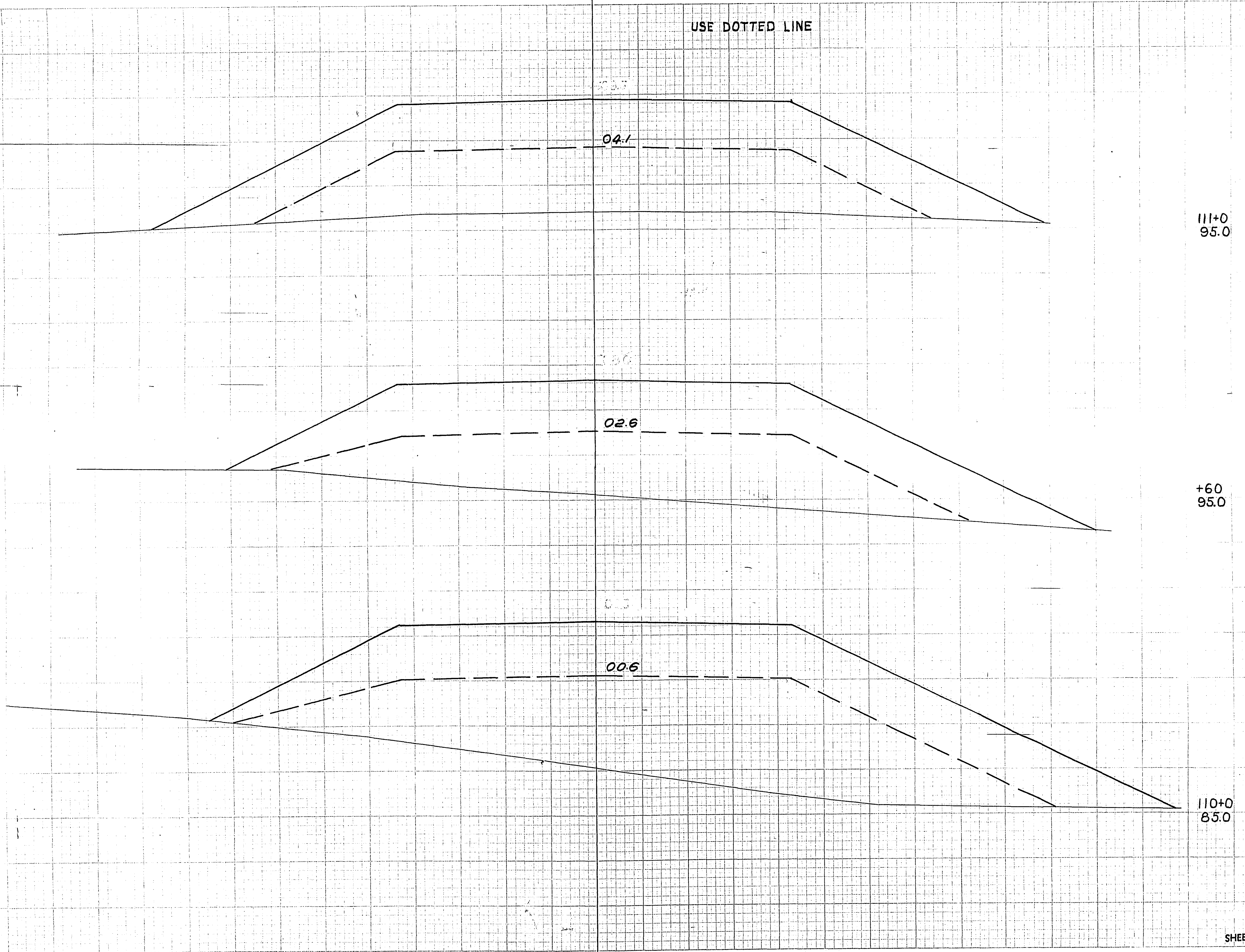
PLATE 3 CROSS SECTION O. P. R. & R. C.
100% RAG PAPER-MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	46	168

ELEVATIONS SHOWN ARE SUBGRADE

USE DOTTED LINE



STATION	DISTANCE	YARDAGE: EXCAVATION: UNC.				FILL
109+20						
		0				2156
110						
		0				1222
+60						
		0				613
111						
SHEET TOTAL		0				3991

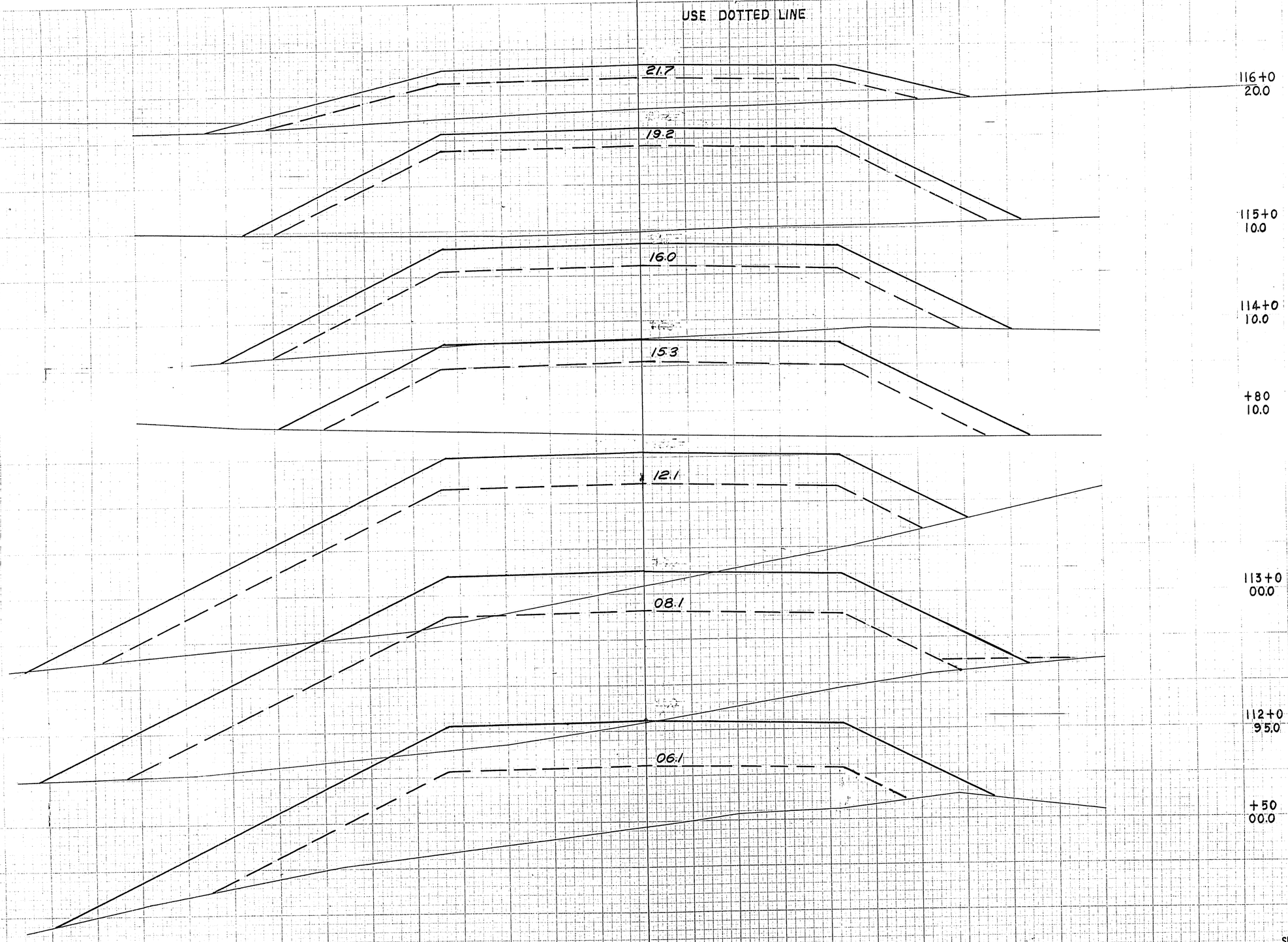
KOM 11-51
DJS 1-52
REF
CLW
CGL 2-52

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

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

USE DOTTED LINE



116+0 20.0

115+0 10.0

114+0 10.0

+80 10.0

113+0 00.0

112+0 95.0

+50 00.0

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	47	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL.
1114						
	0					770
+50						
	0					1150
112						
	0					2998
113						
	0					1826
+80						
	0					331
114						
	0					1865
115						
	0					1380
116						
SHEET TOTAL	0					10,320

KOM 11-51
ARF 1-52
REW 2-52
CGL

PLATE 3 CROSS SECTION D. P. H. & R. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

USE DOTTED LINE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	48	168

121+0 30.0

21.4

120+0 30.0

~~23.3~~ 22.9

119+0 30.0

~~24.5~~ 23.7

+70 30.0

~~24.7~~ 23.8

118+0 30.0

~~25.0~~ 23.8

+40 30.0

~~24.8~~ 23.6

117+0 30.0

~~24.6~~ 23.2 ~~24.0~~ 22.5

+50 25.0

STATION	DISTANCE	YARDAGE EXCAVATION ~~UNC.~~	U.N.C.		FILL
116	+70	~~91~~	150		89
	+50	~~643~~	983		0
117		~~820~~	1118		0
	+40	~~1385~~	1826		0
118		~~1652~~	2106		0
	+70	~~680~~	843		0
119		~~2600~~	3048		0
120		~~2617~~	2789		0
121					
SHEET TOTAL			~~12863~~		89

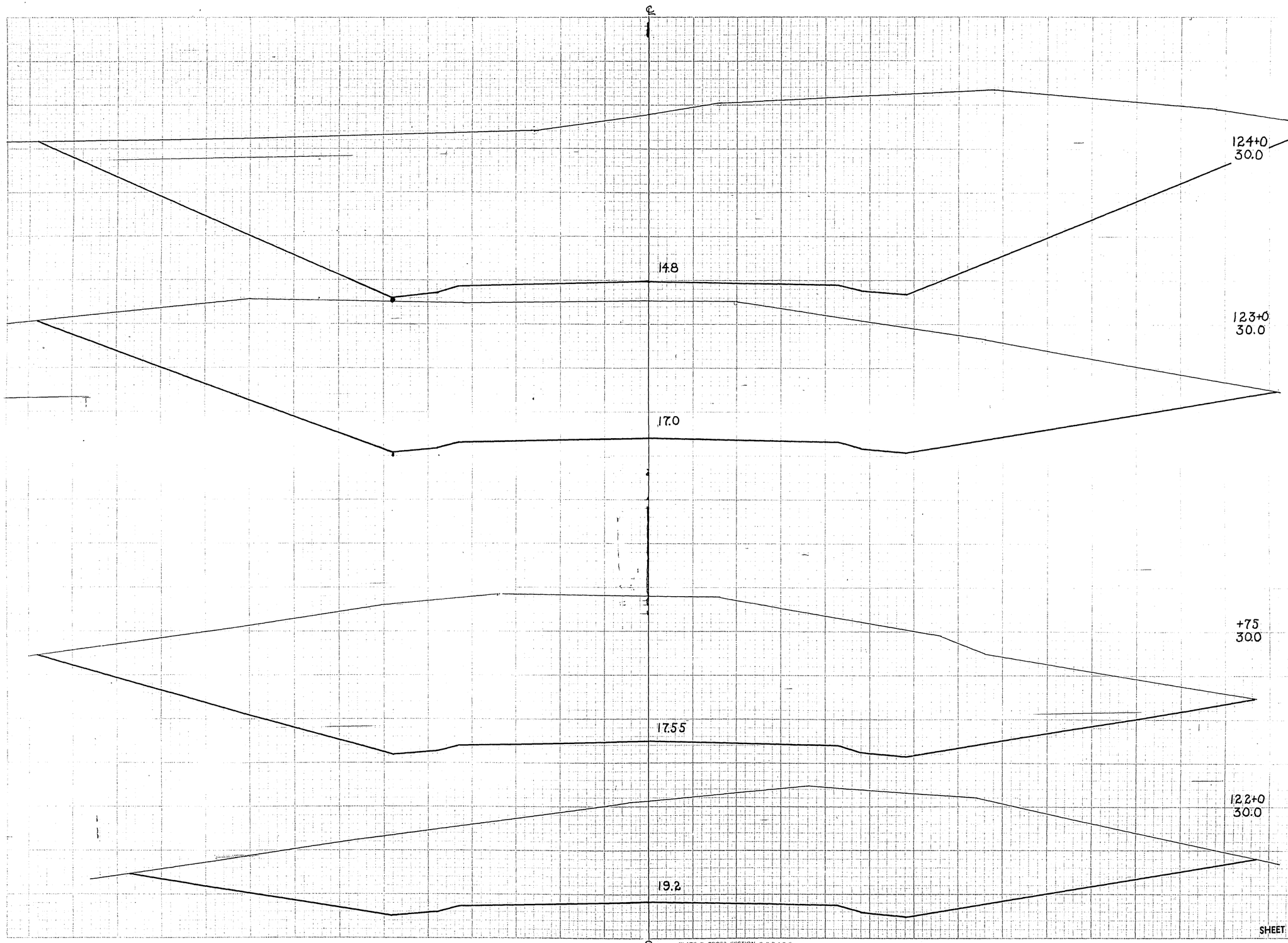
KO M VC&L 11-51
JEW 1-52
CEW 2-52
CGL

PLATE 3 CROSS SECTION © P. R. B. R. C.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	49	168



STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
121						
		3169				0
122						
		3559				0
+75						
		1413				0
123						
		6637				0
124						
SHEET TOTAL		14778				0

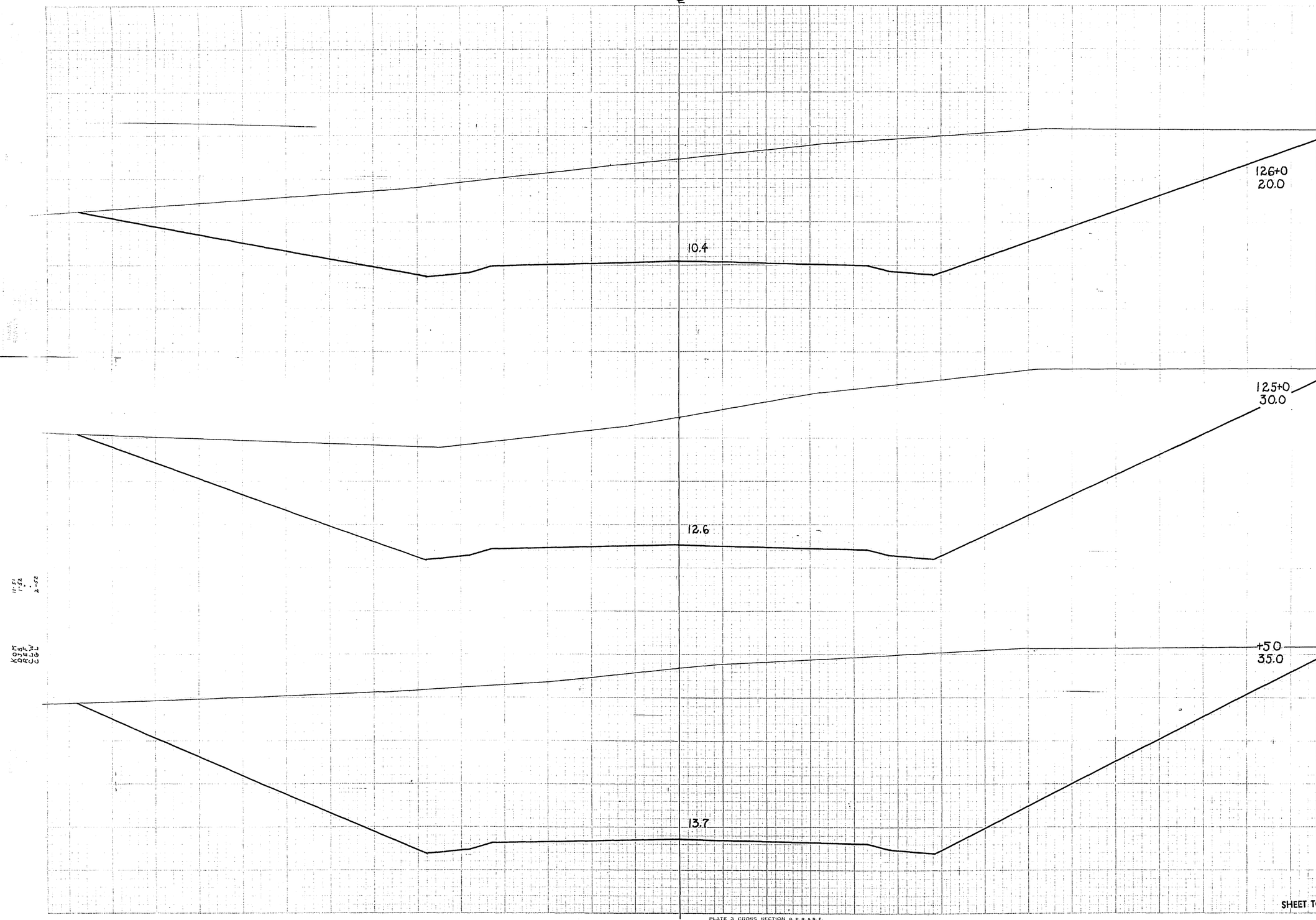
11-51
1-52
2-52

KOM
RZEW
CLW
GGL

℄ PLATE 3 CROSS SECTION C. P. R. & P. C.
100% RAG PAPER-MADE AND PRINTED IN U. S. A.
CHARLES BRUNING CO. COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. SN	F011-2(28)	50	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
124		3789				0
+50		3426				0
125		5334				0
126						
SHEET TOTAL		12549				0

KOM
DJS
REV
CGW

11-51
1-52
2-52

PLATE 3 CROSS SECTION U. P. R. A. R. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	51	168

℄

06.8

07.65

08.2

+60
00.0

+25
05.0

127+0
10.0

STATION	DISTANCE	YARDAGE EXCAVATION UNC	YARDAGE EXCAVATION	YARDAGE FILL
126				
	3630			0
127				
	489			20
+25				
	398			217
+60				
SHEET TOTAL	4517			237

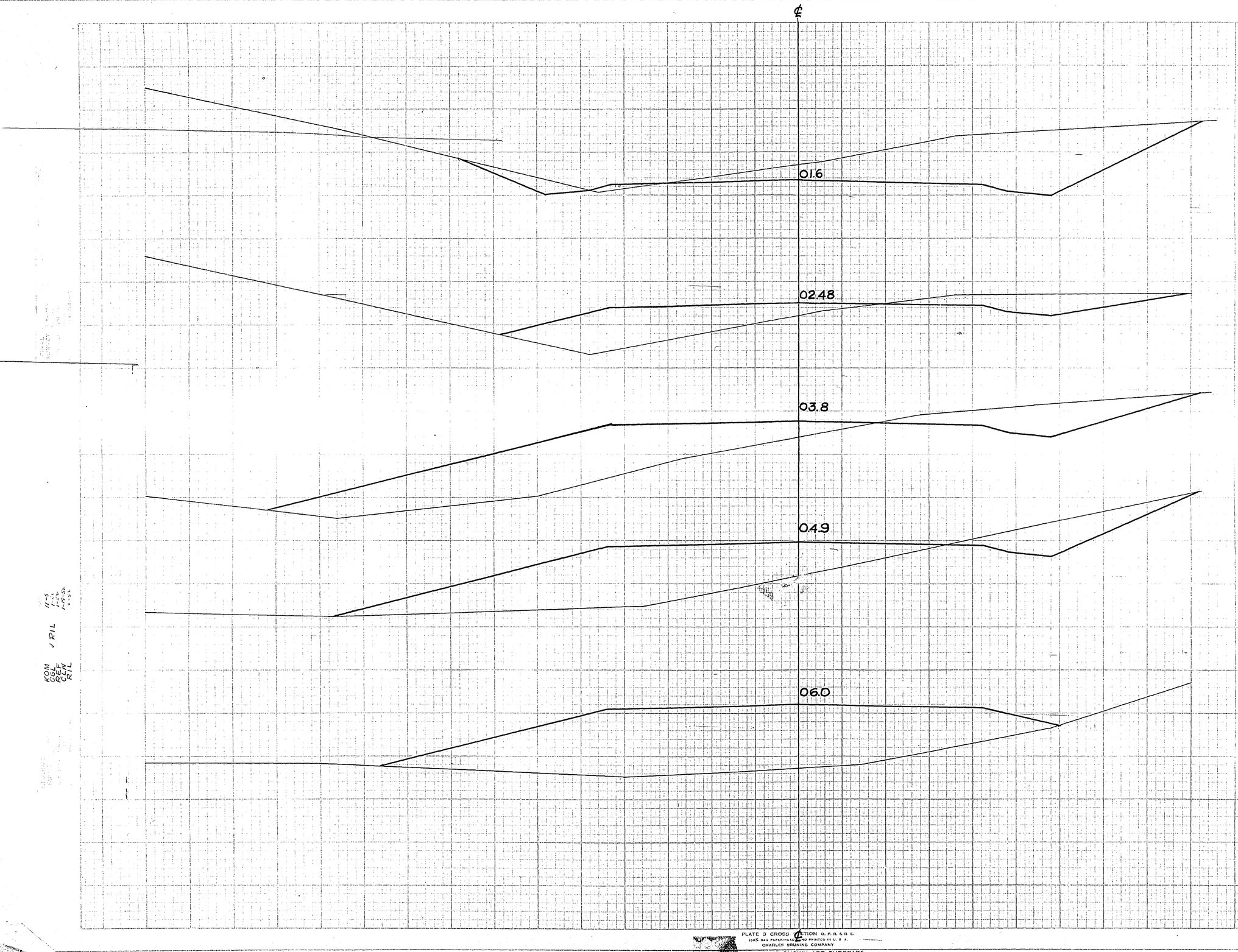
KOA
GBL
REW
CGT

11-51
1-52
1-18-52
2-52

PLATE 3 CROSS SECTION U. P. R. & R. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	52	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
130+0	05.0					
+60	00.0					
129+0	00.0					
+50	00.0					
127						
+60		94				502
128						
		20				635
+50						
		117				491
129						
128+0	00.0	126				409
+60						
		191				85
130						
SHEET TOTAL		548				2122

KOM 11-5
GELF 1-5
GLN 1-19-50
RIL 1-51

J RIL

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

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

95.88

97.2

98.08

99.4

00.06

℄

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	53	168

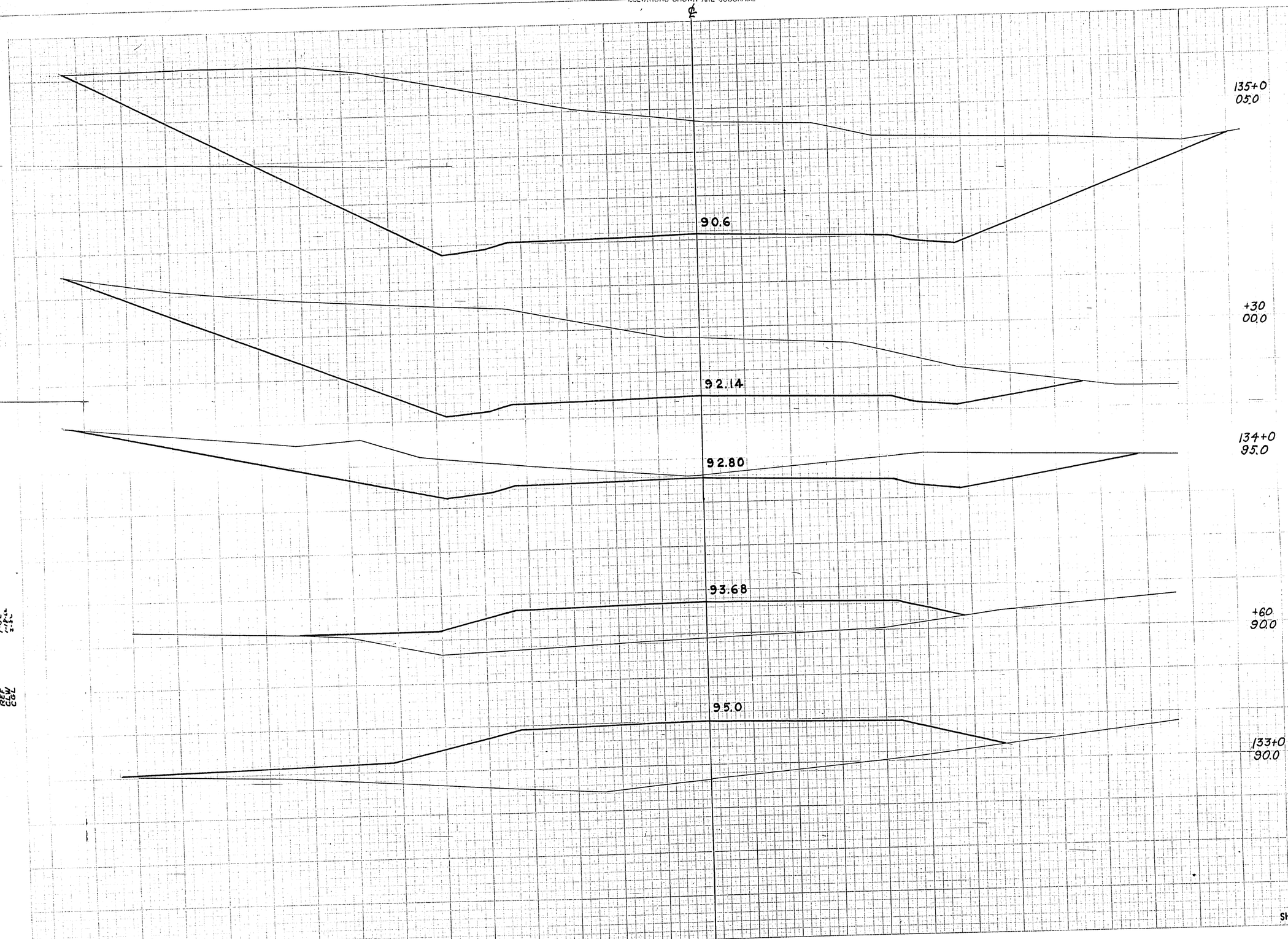
STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
+60 90.0						
132+0 00.0						
+60 05.0						
131+0 00.0						
+70 05.0						
130						
+70	720					0
131	320					0
+60	744					0
132	522					0
+60	150					159
SHEET TOTAL	2456					159

KOM
CORR
REF
CLW
RIL

11-21
1-22
11-22
11-22

PLATE 3 CROSS SECTION C. P. R. & R. E.
RAU PAPER-MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	54	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
132	+60	0				487
133		0				657
	+60	91				81
134		537				0
	+30	2802				0
135						
SHEET TOTAL		3430				1225

KOM 1 RIL
COST
DESIGN
CHECK

11-5
1-32
1-84
2-82

PLOT 3 CROSS SECTION O. P. R. & R. E.
RAG PAPER-MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

86.20

87.52

88.4

89.72

137+0
85.0

+40
95.0

136+0
05.0

+40
05.0

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. SN	F011-2(28)	55	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
135						
+40		2289				0
136		3285				0
+40		1659				0
137		1081				31
	SHEET TOTAL	8314				31

KOM VRIL
CEE
KW
CSL

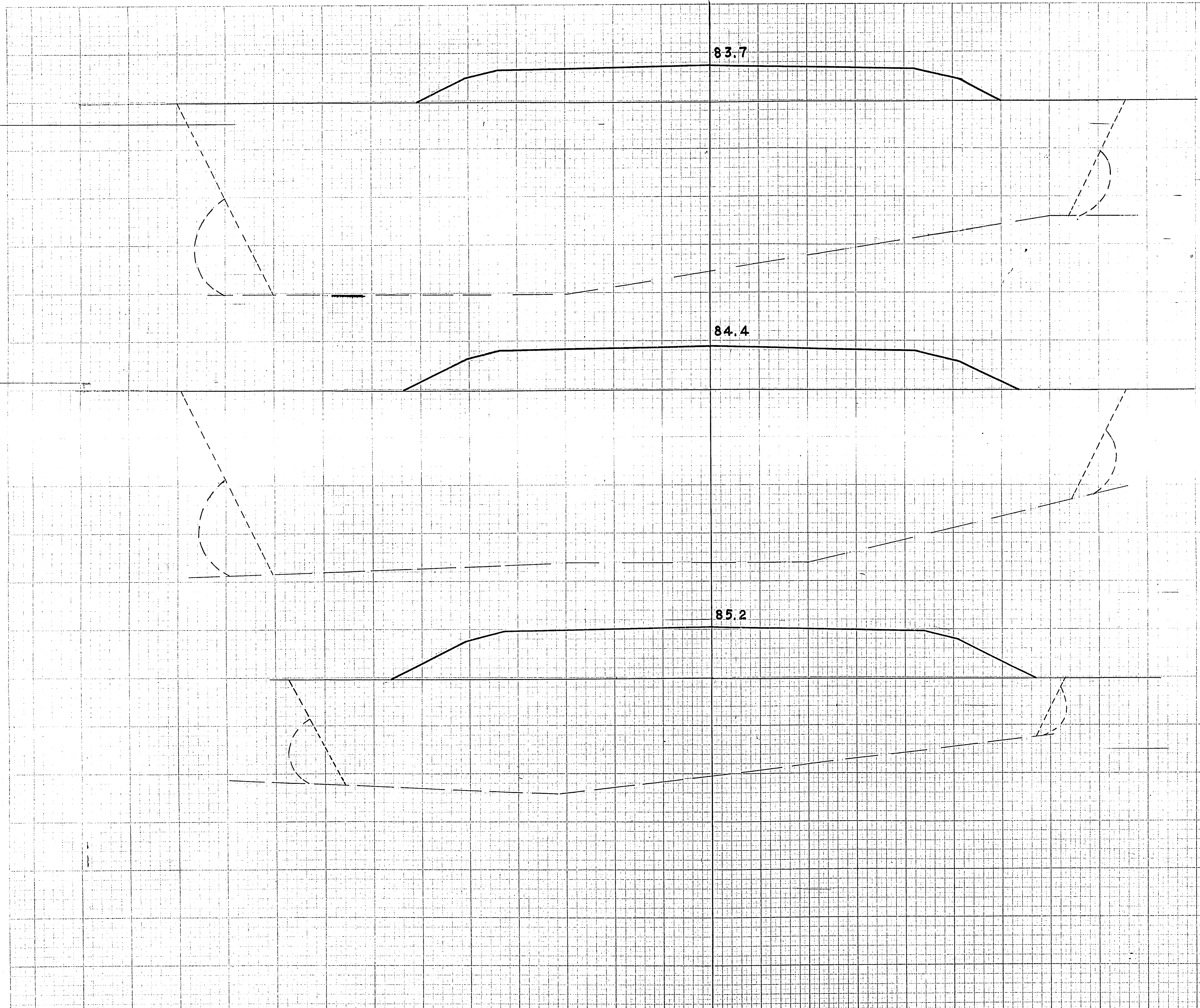
11-52
1-52
1-18-52
1-52

PLOT 3 CROSS SECTION O. P. R. & R. E.
℄ MADE PAPER-MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	56	168



KOM ✓RIL 11-52
CGL 1-52
REF 1-52
ELW 1-52
EGL 2-52

STATION	DISTANCE	YARDAGE: EXCAVATION: UNC.				YARDAGE: FILL
137						
		7				365
+50						
		0				535
138						
		0				420
+50						
SHEET TOTAL		7				1320

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

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

83.0

83.1

83.3

140+0
80.0

+50
80.0

139+0
80.0

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	57	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
138						
+50		0				356
139						
+50		0				324
140						
		0				302
SHEET TOTAL		0				982

PLATE 3 CROSS SECTION O. P. R. A. R. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

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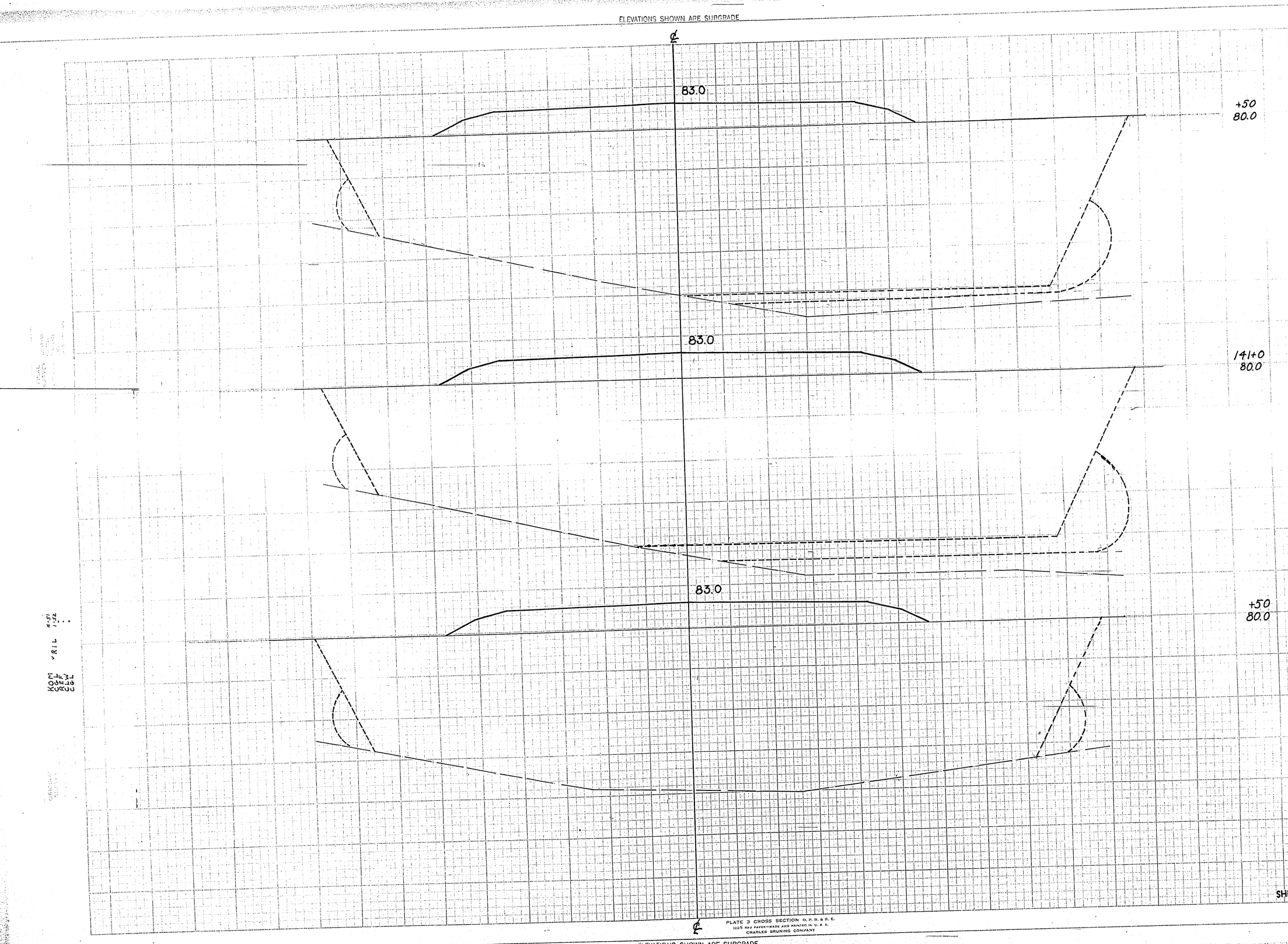
ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	58	168

STATION	DISTANCE	YARDAGE		
		EXCAVATION		FILL
		UNC.		
140		0		289
+50				
141		0		287
+50		0		287
SHEET TOTAL		0		863

KOM
GRAV
REV
CLAY

PLATE 3 CROSS SECTION U. P. R. & R. C.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

83.0

83.0

83.0

143+0
80.0

+50
80.0

142+0
80.0

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. SN	F011-2(28)	59	168

STATION	DISTANCE	YARDAGE				
		EXCAVATION				
		UNC.				FILL
141						
+50		0				287
142						
		0				291
+50						
		0				294
143						
SHEET TOTAL		0				872

KOM
CGL
REV
CGL

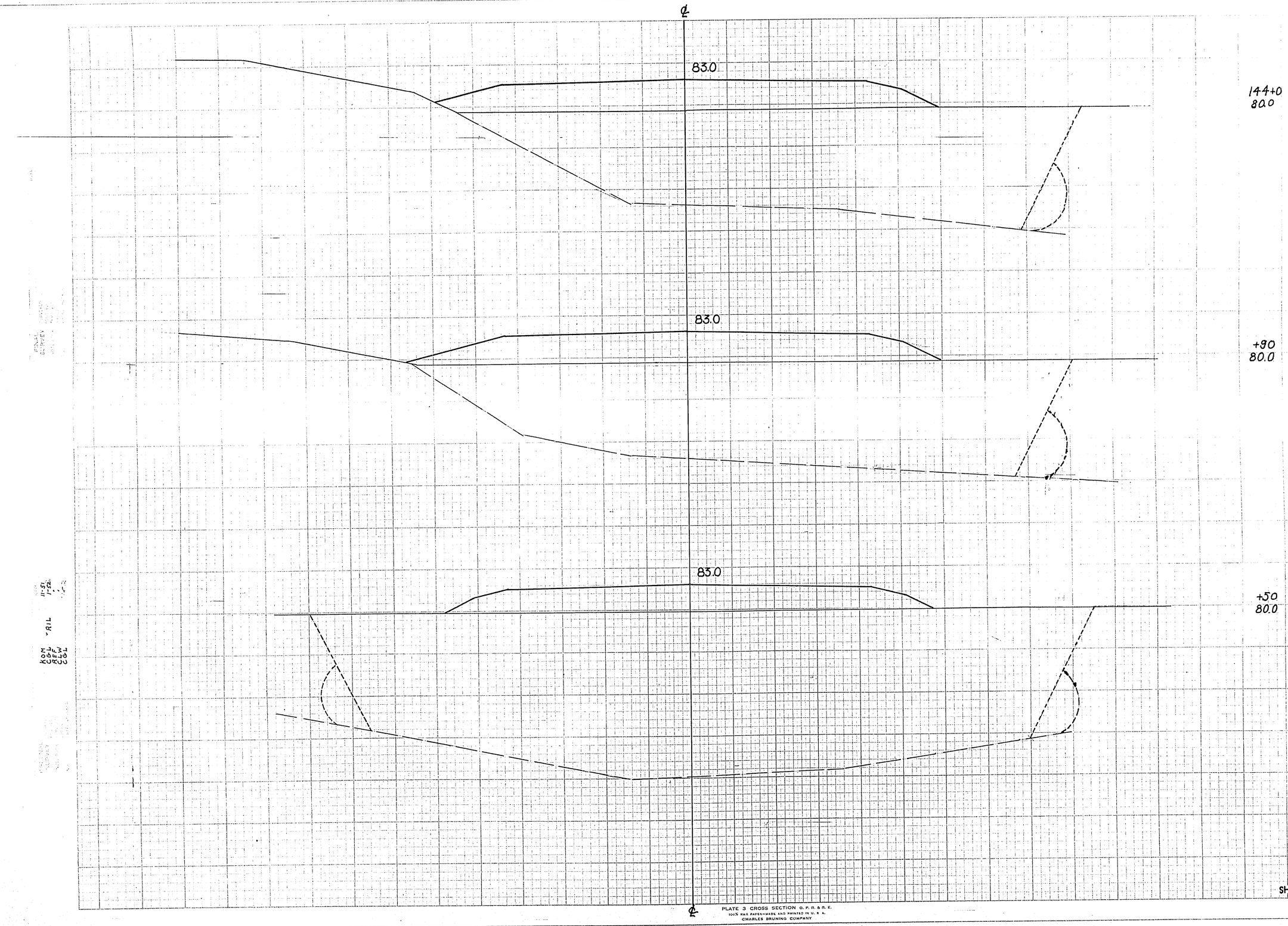
11-21
1-32

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

℄

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	60	168

STATION	DISTANCE	YARDAGE				
		EXCAVATION				FILL
		UNC.				
143						
		0				296
+50						
		0				259
+90						
		0				69
144						
SHEET TOTAL		0				624

KOM 11-51
GEL 1-52
CLW "
CGL "

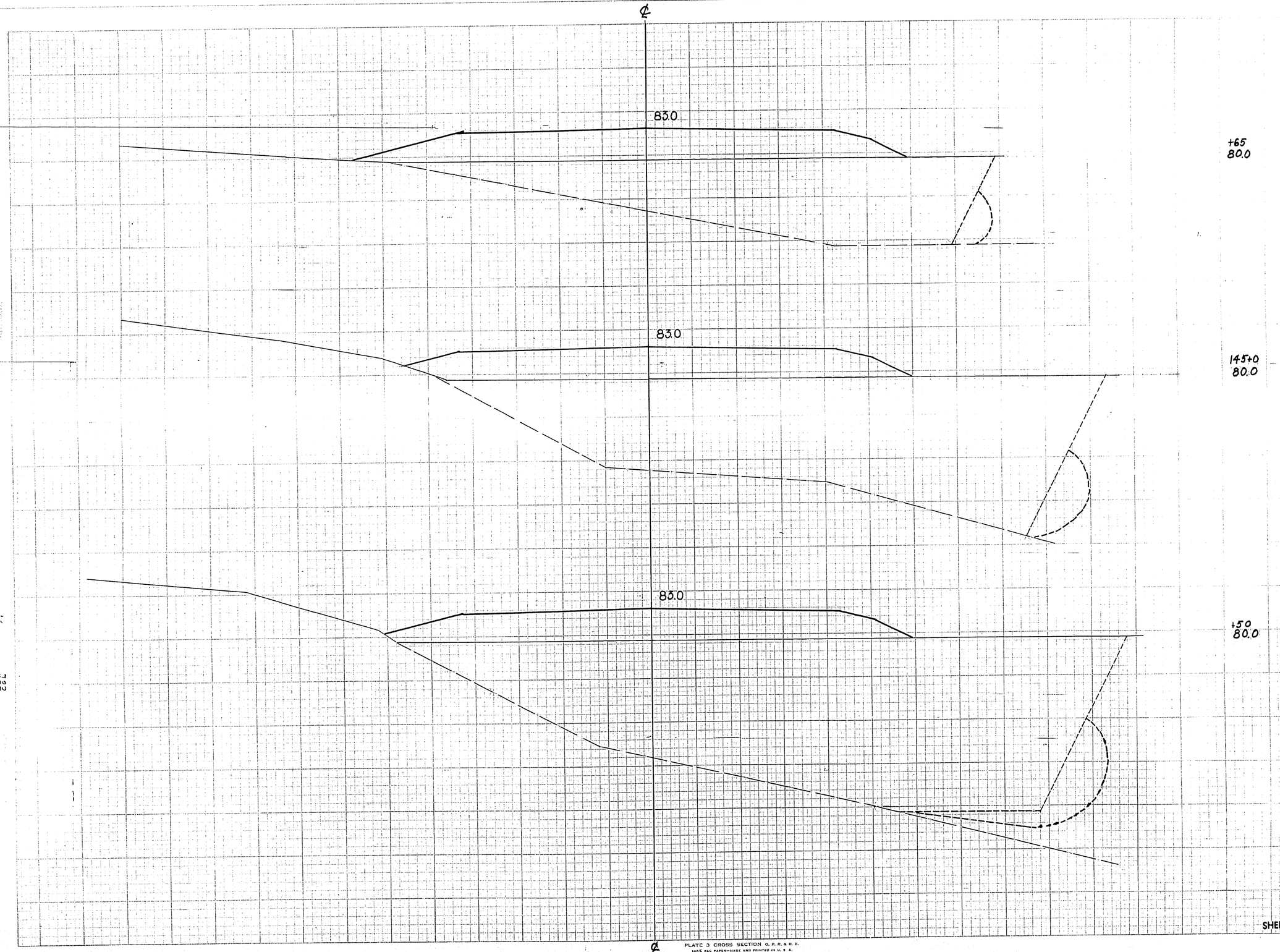
RAIL

FINAL COPY

PLATE 3 CROSS SECTION C. P. R. & R. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. SN	F011-2(28)	61	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
144						
		0				337
+50						
		0				335
145						
		0				441
+65						
SHEET TOTAL		0				1113

PLATE 3 CROSS SECTION O. P. R. & R. E.
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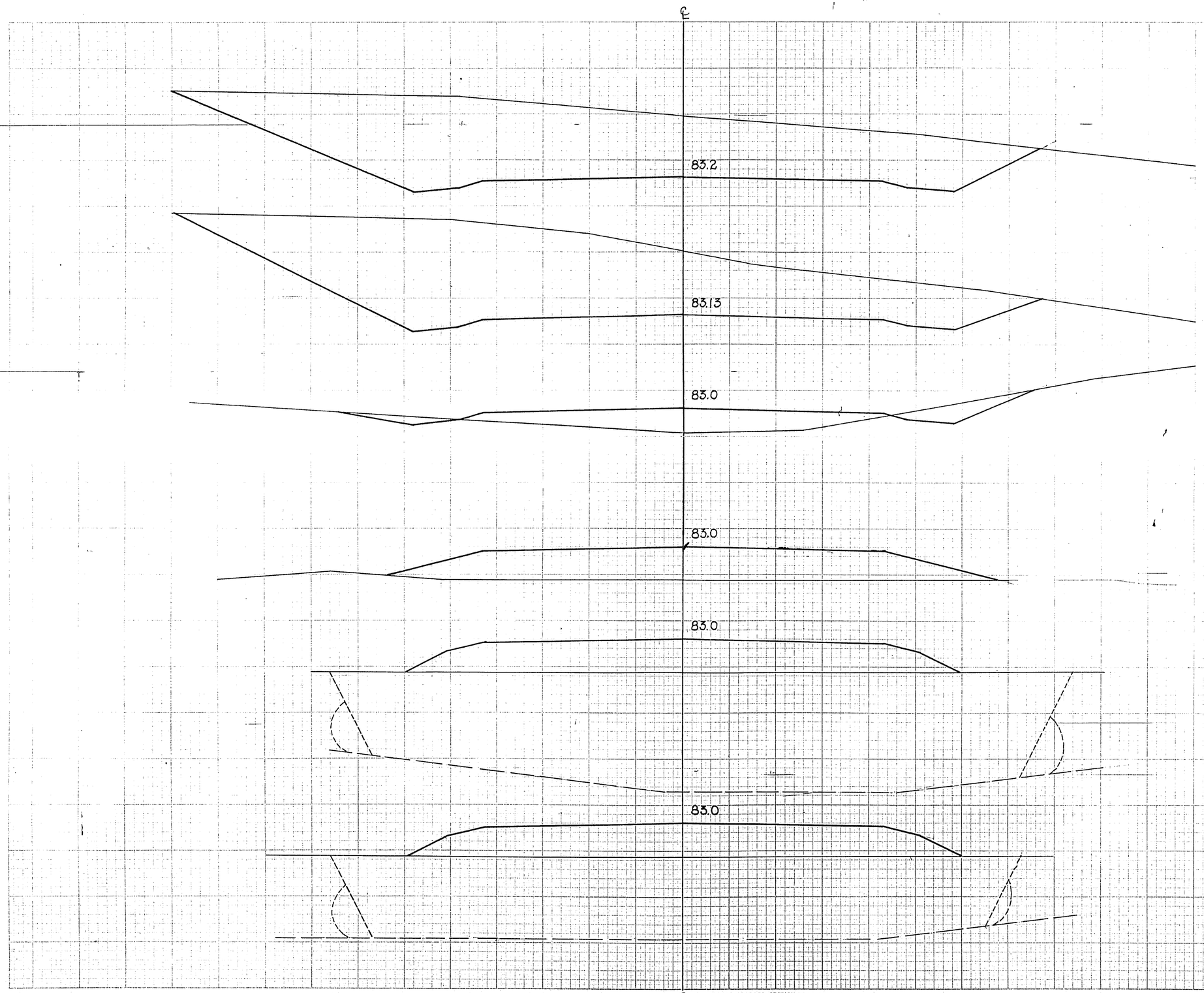
ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	62	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
145 +65		0				243
146		0				698
147		0				307
+45		11				267
148		769				44
+65		776				0
149						
SHEET TOTAL		1556				1559

KOM
GEL
REF
CLW
CLL

℄ PLATE 3 CROSS SECTION O. P. R. & P. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES SHUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

84.16

84.0

83.8

83.76

83.6

83.4

+80
80.0

153+0
80.0

152+0

+80
80.0

151+0
80.0

150+0
85.0

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	63	168

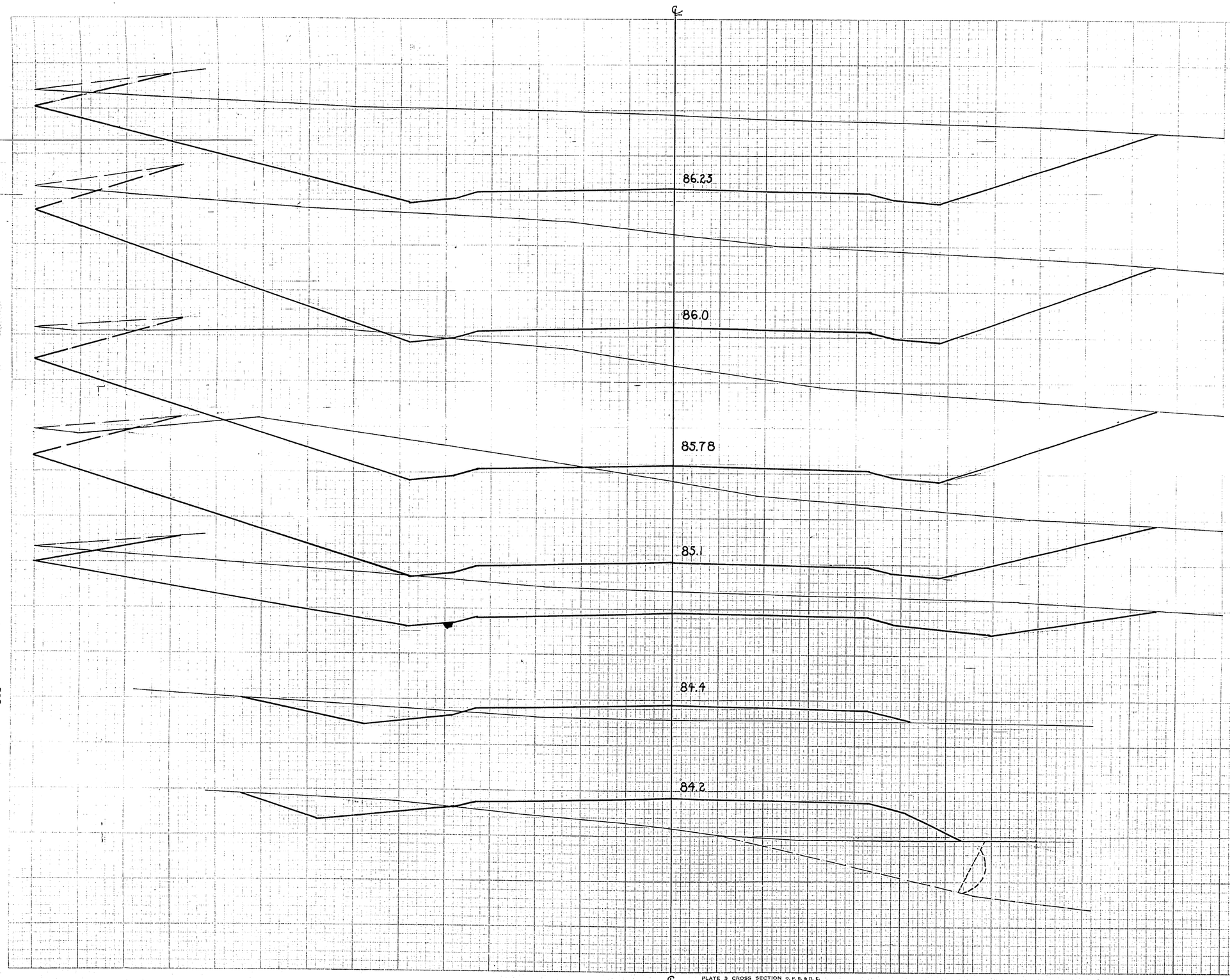
STATION	DISTANCE	YARDAGE		
		EXCAVATION		
		UNC.		FILL
149		1683		0
150		702		6
151		28		296
+80		0		152
152		0		879
153		0		678
+80				
SHEET TOTAL		2413		2011

KOM 11-51
AELW 11-52
CSGL

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

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	64	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
153	+80	6				139
154		106				411
155		794				43
156		2730				0
157		3182				0
	+75	1078				0
158		913				0
	+25					
SHEET TOTAL		8809				593

KOM GBJ REF CEW CGL - RIL 11-57 1-58

℄

PLATE 3 CROSS SECTION O. P. R. & P. E.
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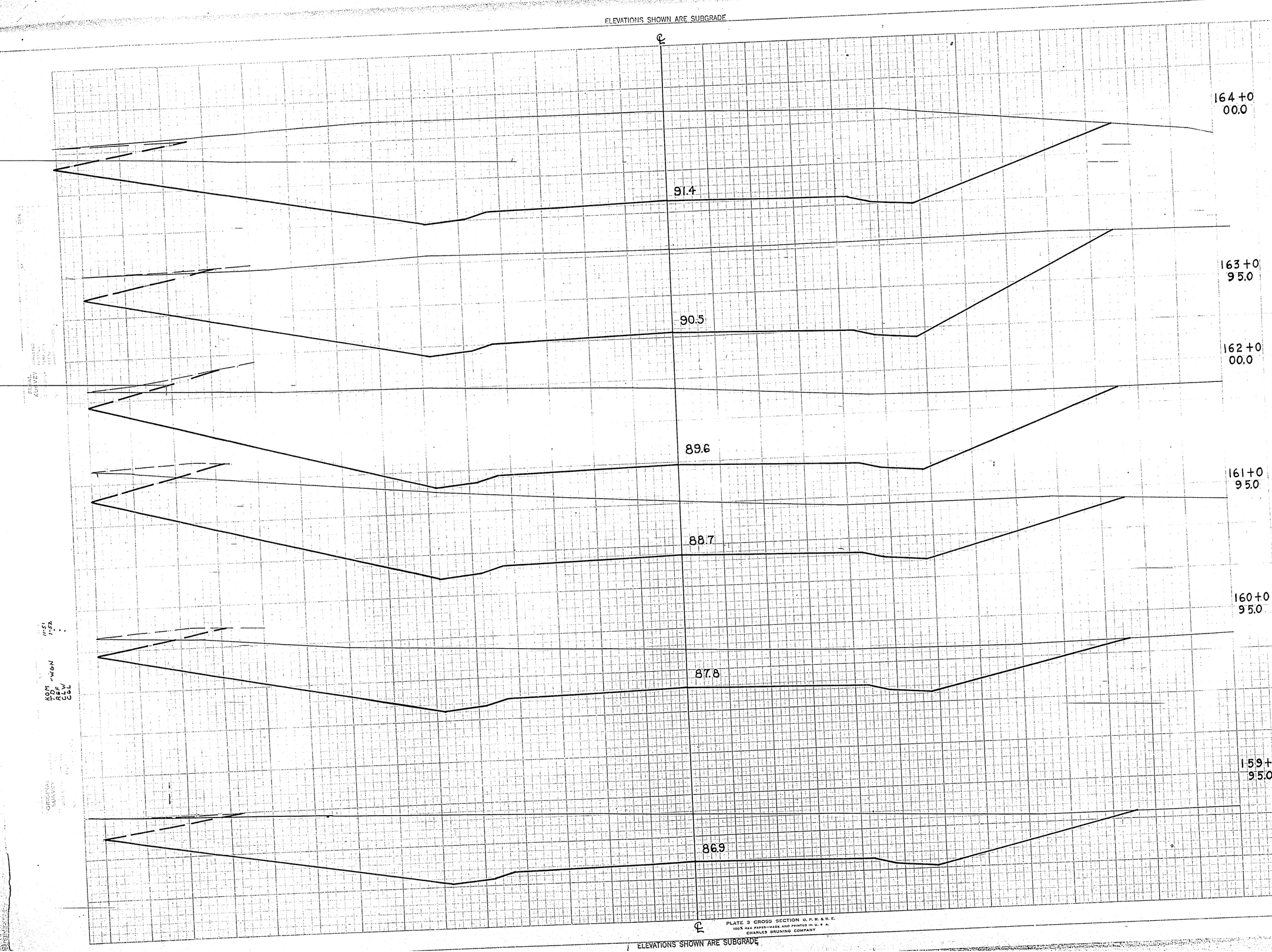
ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. SN	F011-2(28)	65	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
158 +25	2130				0
159	2332				0
160	2606				0
161	3296				0
162	3782				0
163	4106				0
164					
SHEET TOTAL	18252				0

KOM 1-D 4E W CGL 11-51 1-52

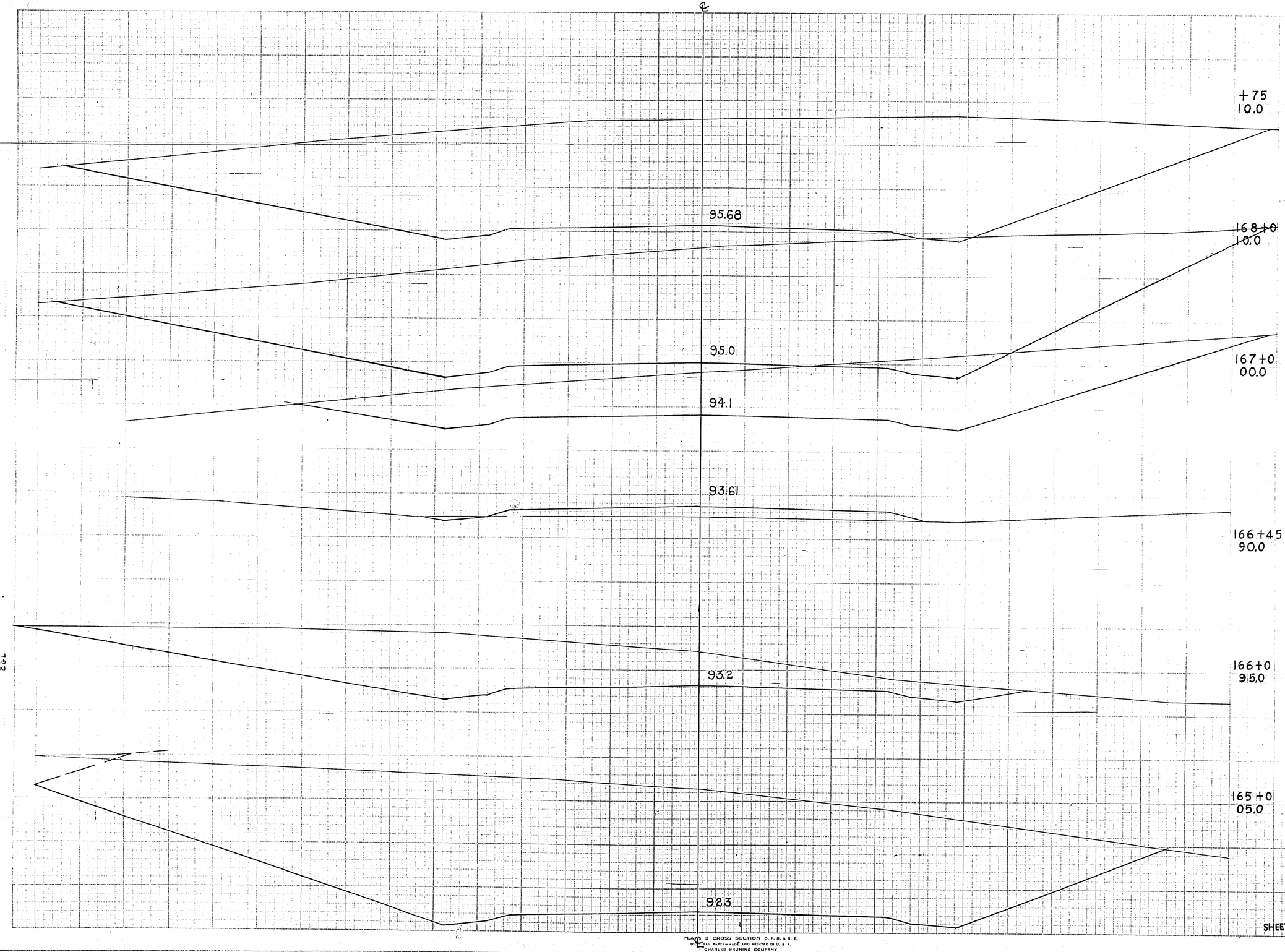
ORIGINAL SURVEY

FINAL SURVEY

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

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	66	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
164						
	4808					0
165						
	3489					0
166						
	356					11
+45						
	504					11
167						
	3416					0
168						
	3609					0
+75						
SHEET TOTAL		16182				22

KOM - WGN
11-22
1-32
PE
CLW
CGL

PLAN 3 CROSS SECTION O. P. R. & R. E.
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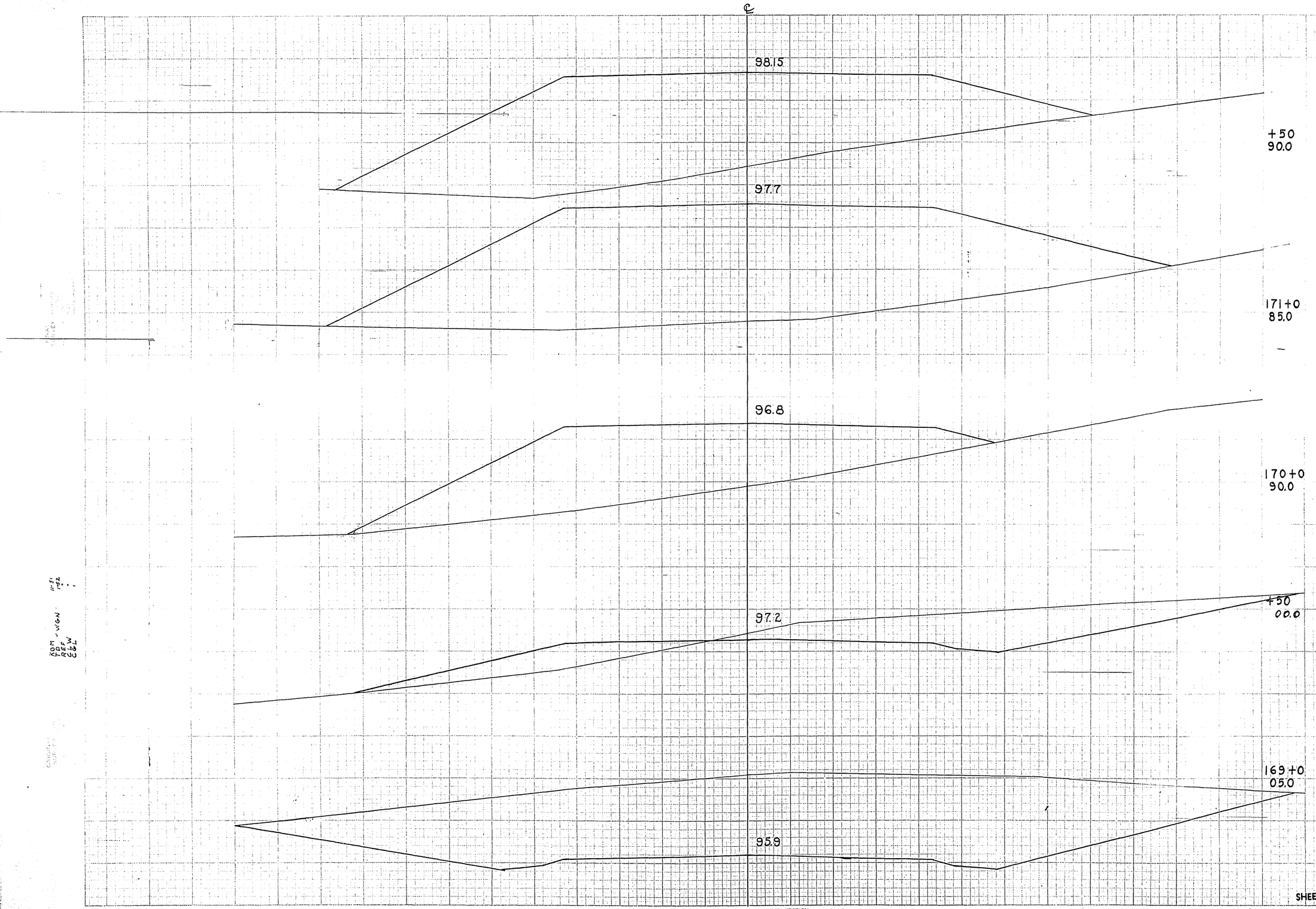
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	67	168



STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
168						
175		993				0
169		993				24
+50		65				472
170		0				2441
171		0				1483
+50						
SHEET TOTAL		2051				4420

PLATE 3 CROSS SECTION O. P. R. & B. E.
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CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

176+0
05.0
02.2

175+0
10.0
01.3

174+0
05.0
00.4

173+0
05.0
99.5

172+0
95.0
98.6

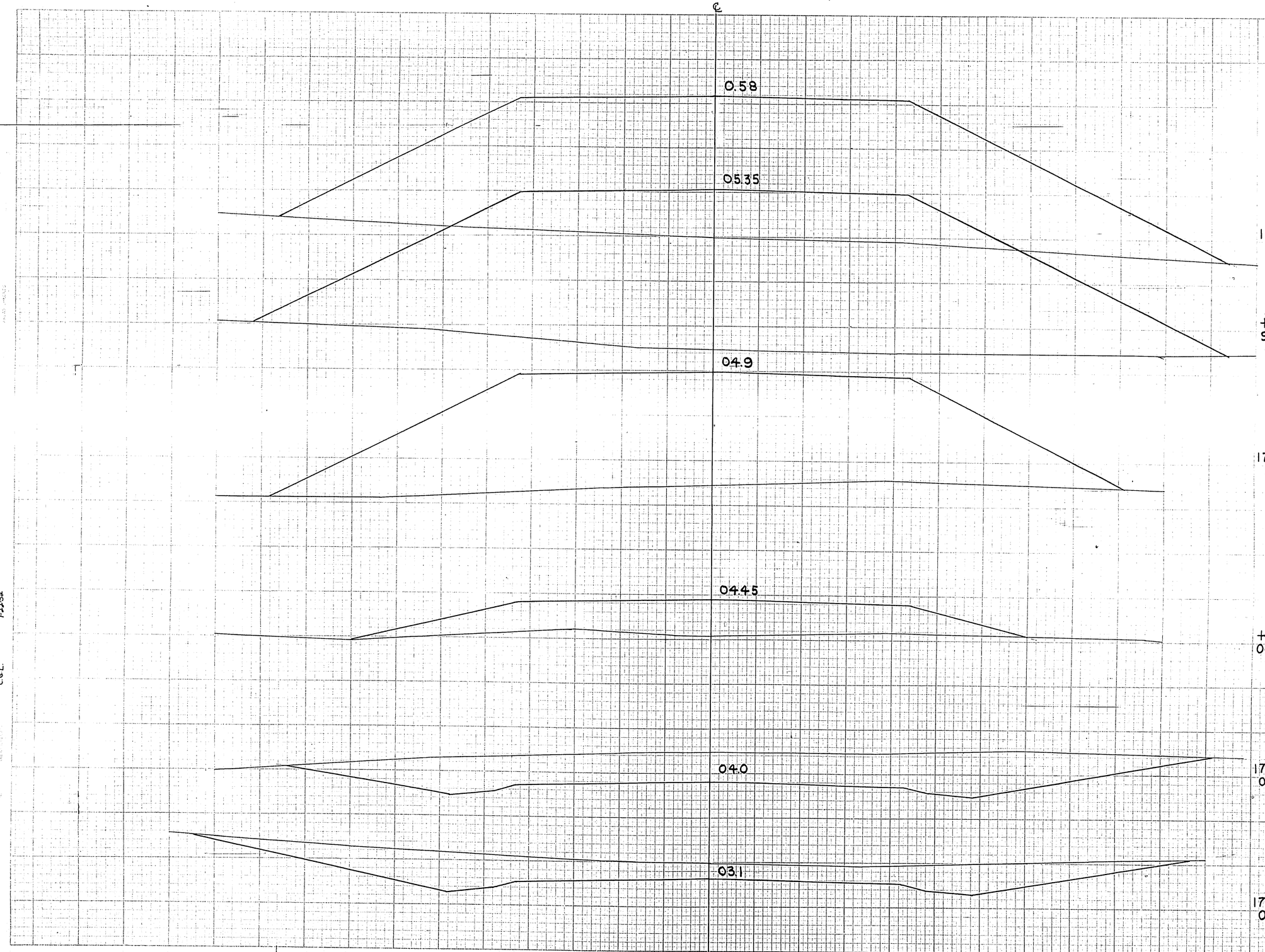
P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. SN	F011-2(28)	68	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
171 +50						
172	17					1093
173	770					419
174	2032					0
175	2963					0
176	2228					0
SHEET TOTAL	8010					1512

PLATE 3 CROSS SECTION O. P. R. A. R. E.
THIS PAPER MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	69	168

STATION	DISTANCE	YARDAGE EXCAVATION UNG.				YARDAGE FILL
176						
		1046				0
177						
		1052				0
178						
	180					76
+50						
	0					989
179						
	0					2004
+50						
	0					2280
180						
SHEET TOTAL		2278				5349

K.D.M. 11-31
K.E.F. 1-32
J.C.W. 1-1933
C.C.W. 1-1933

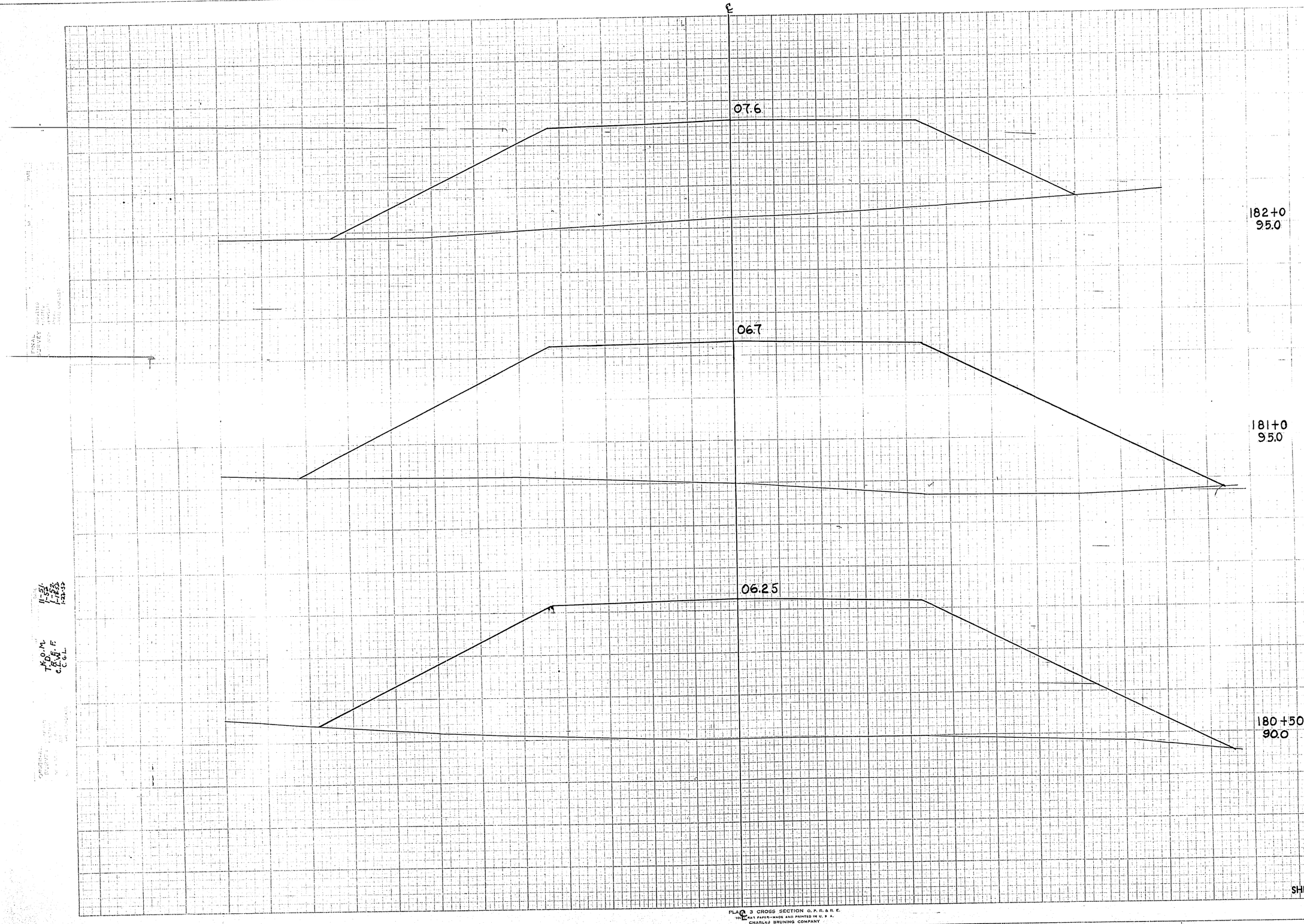
VIGN

PLAT 3 CROSS SECTION O. P. R. & R. E.
ON RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	70	168



STATION	DISTANCE	YARDAGE EXCAVATION UNC.	FILL
180	0		2180
+50	0		2280
181	0		3708
182			
SHEET TOTAL	0		8168

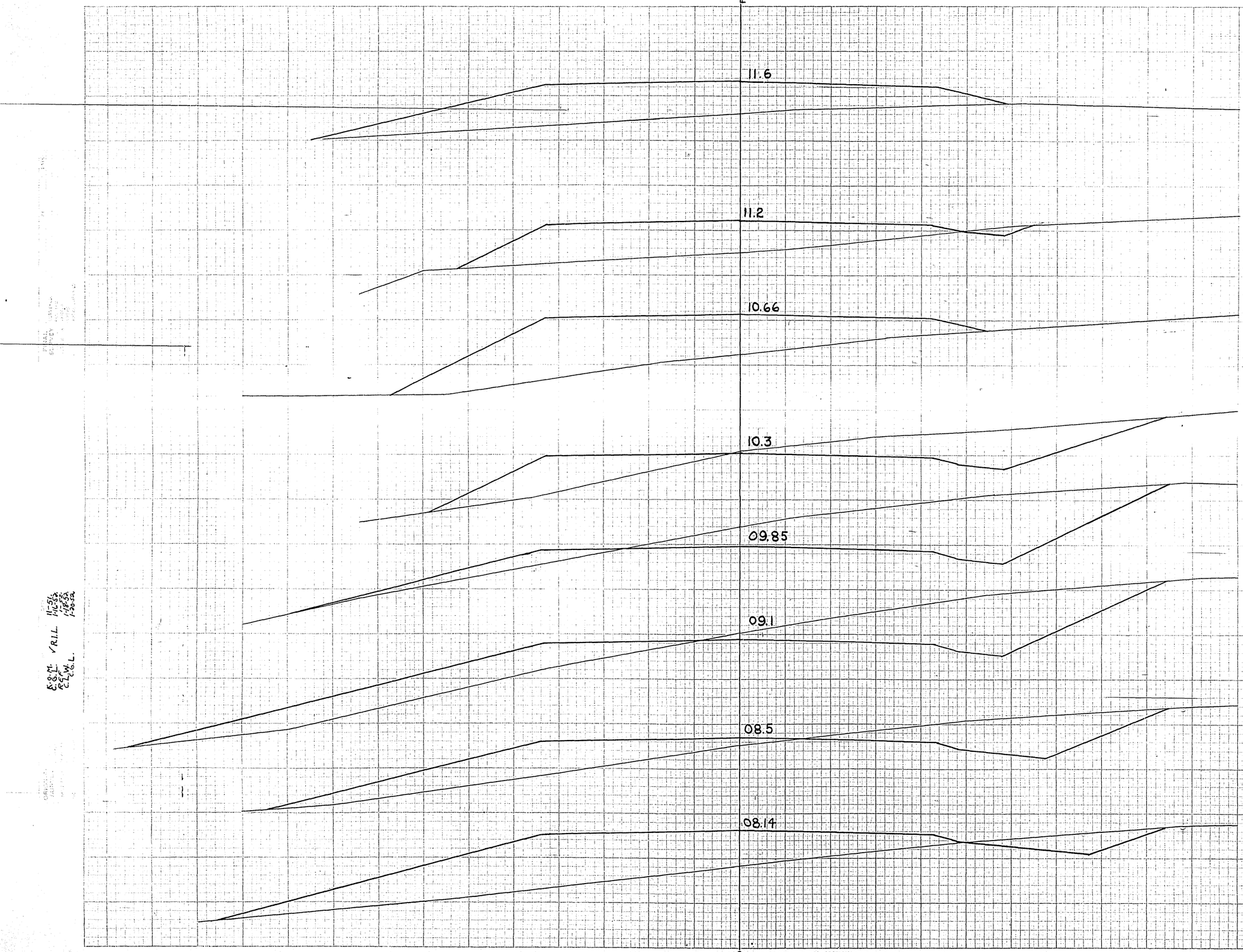
11-51
1-52
1-1853
1-23-53

K. O. M.
T. D. F.
C. W. F.
C. G. L.

PLAN 3 CROSS SECTION O. P. R. & R. E.
100 SHEETS PAPER-MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	71	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
182						
+60	6					1122
	85					293
183						
	474					441
184						
+50	361					137
	302					94
185						
	57					243
+40						
	2					459
186						
	2					348
+50						
SHEET TOTAL	1289					3137

E.S.M. ✓ R.I.L. 11-58
E.C.L. 1-18-58
C.L.W. 1-20-58
C.S.L.

℄

PLATE 3 CROSS SECTION U. P. R. & R. E.
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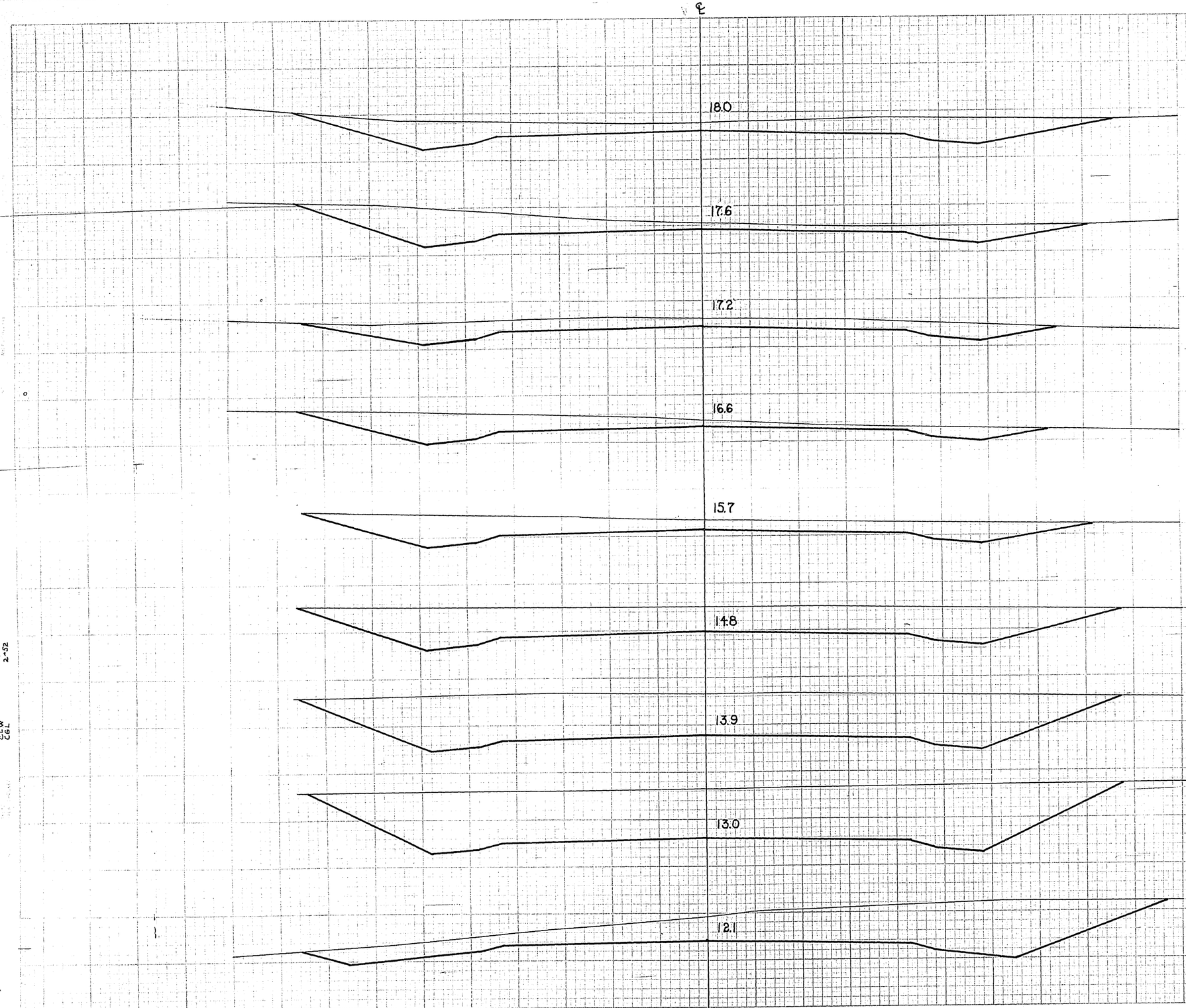
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
W/S. SN	F011-2(28)	72	168

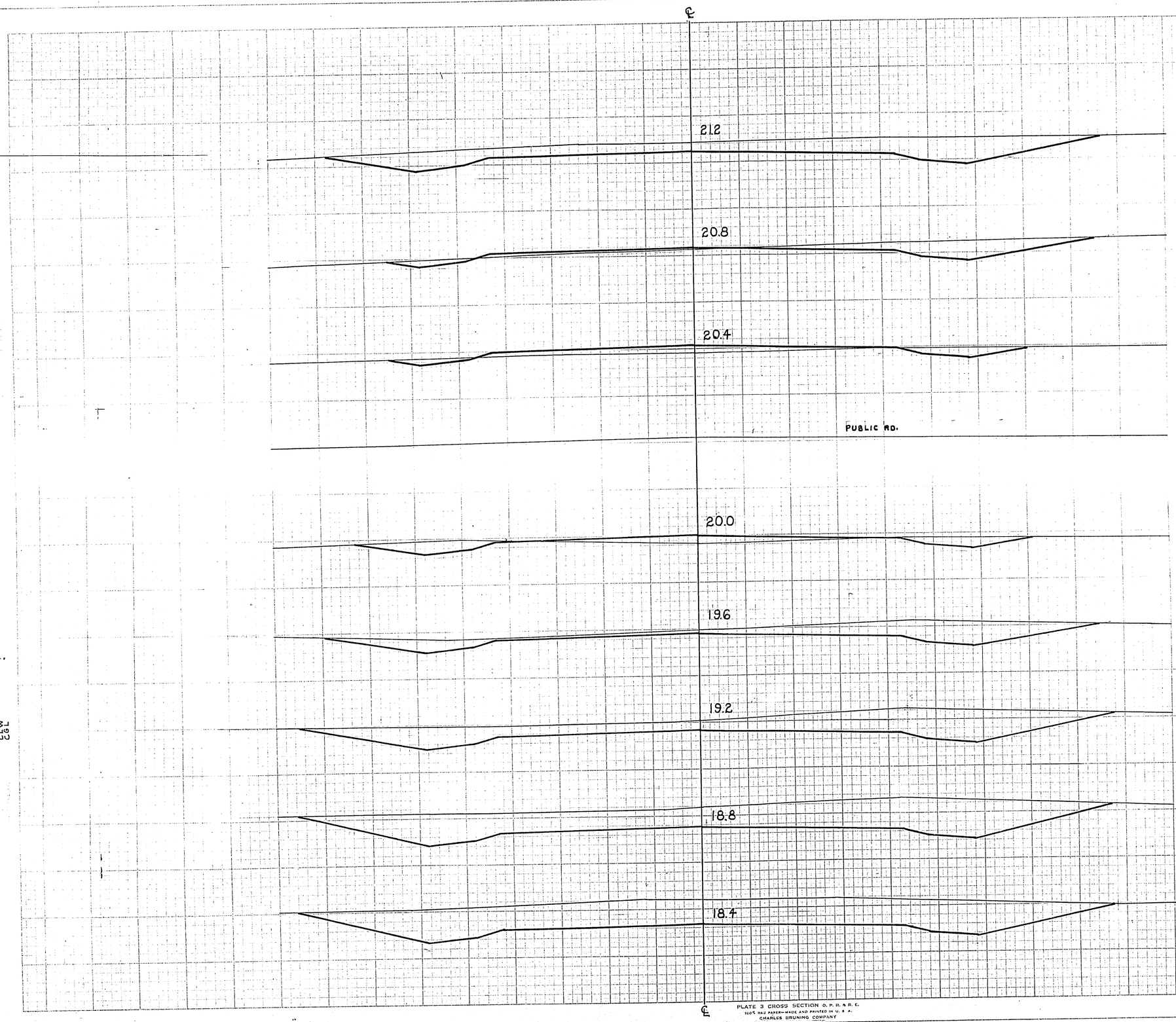
STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
186 +50		131				80
187		1226				0
188		1463				0
189		1130				0
190		698				0
191		430				0
192		365				0
193		407				0
194		476				0
195						
SHEET TOTAL		6326				80

KOM 11-51
GEE 1-52
CLW 2-52
CGL

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

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. SN	F011-2(28)	73	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
203+0						
	20.0					
202+0						
	20.0					
201+0						
	20.0					
+87						
	20.0					
195		663				0
196		807				0
197		659				0
198		409				0
199		187				17
200		0				0
+87		70				72
201		104				52
202		298				4
203						
SHEET TOTAL		3197				145

200+0
20.0

199+0
20.0

198+0
20.0

197+0
20.0

196+0
20.0

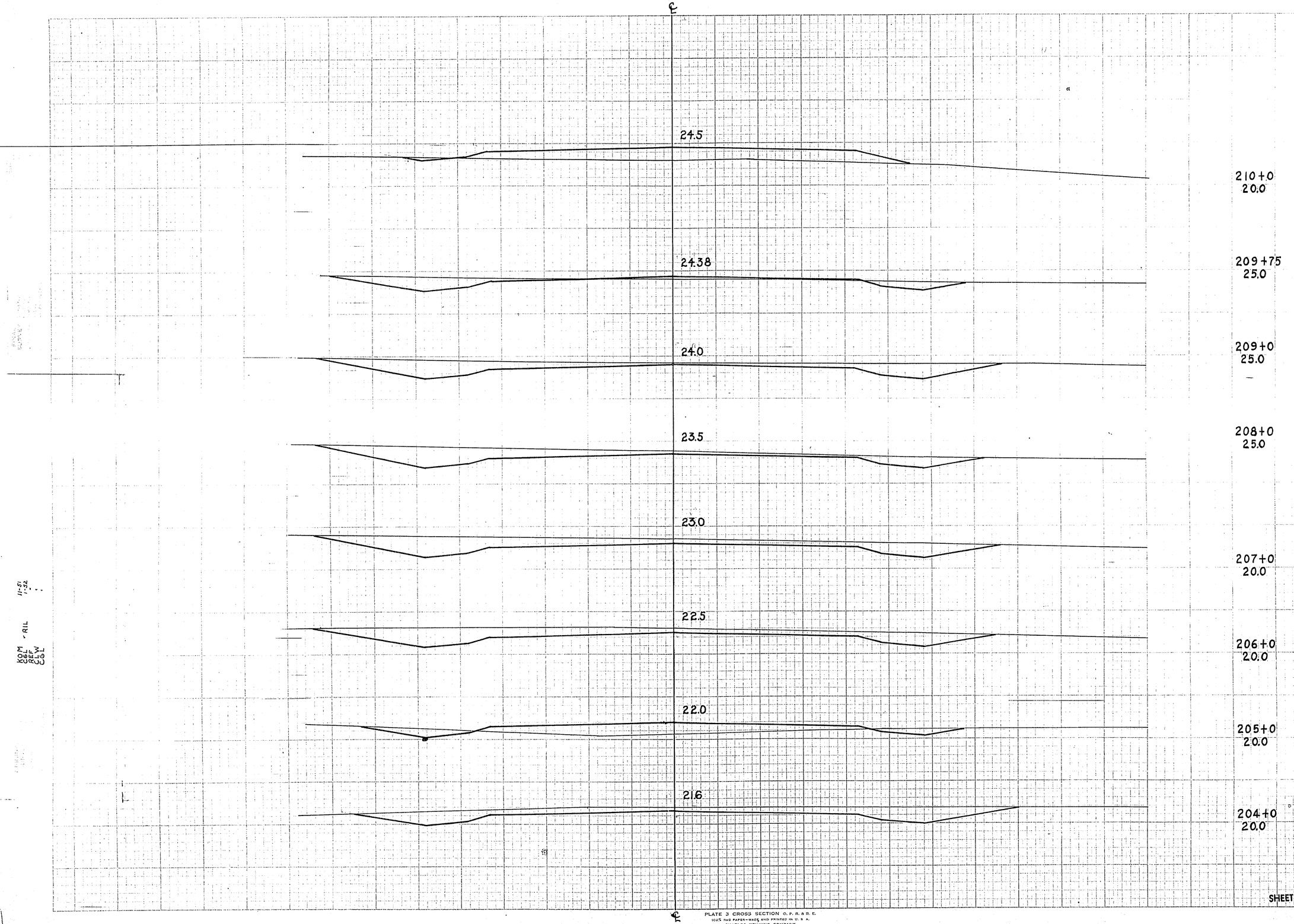
KOM 11-51
GEF 11-52
CLW "
CGL "

PLATE 3 CROSS SECTION O. P. R. & B. C.
100% RAG PAPER-MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	74	168



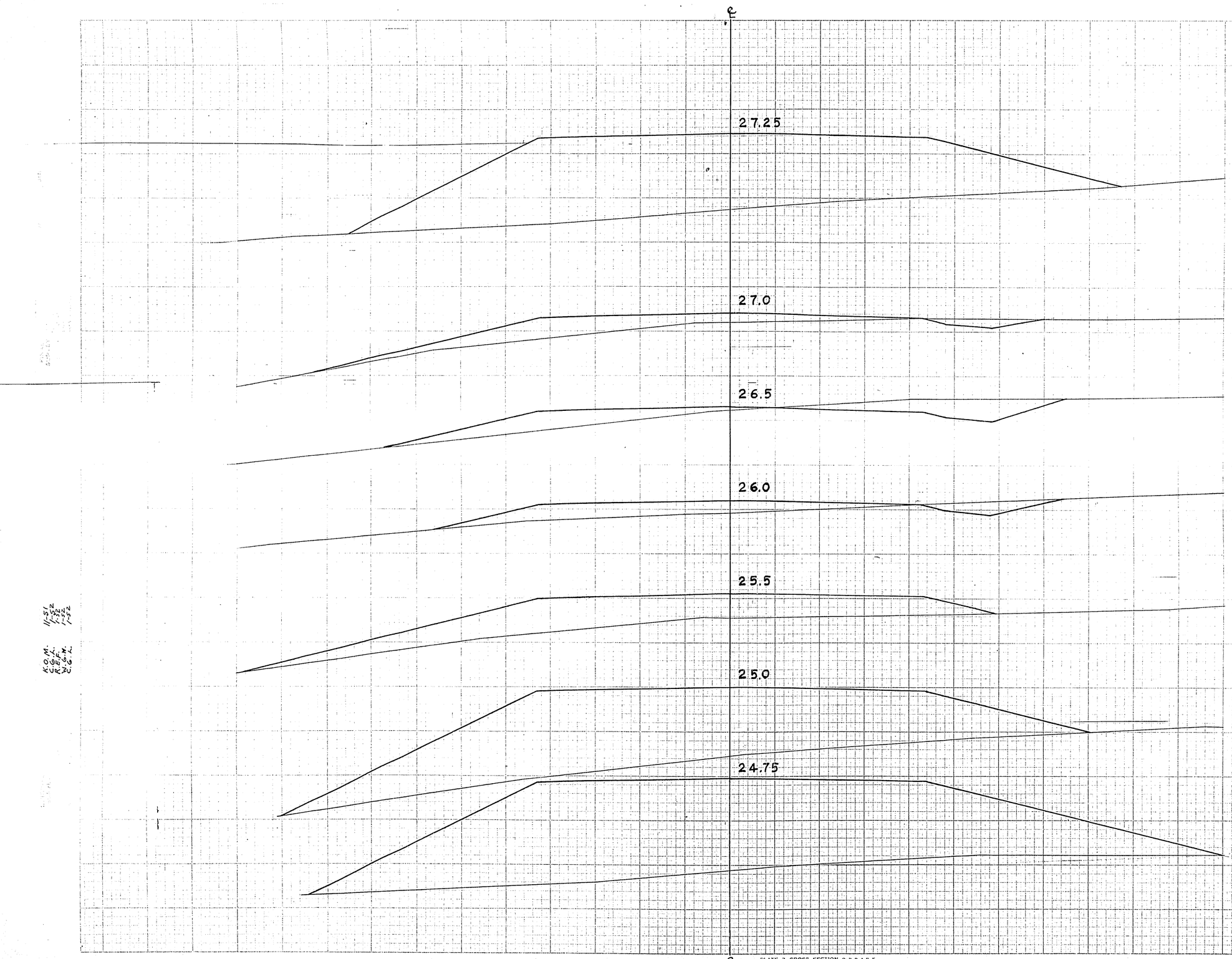
STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
203						
		341				0
204						
		146				41
205						
		167				41
206						
		293				0
207						
		276				0
208						
		248				0
209						
		131				9
+75						
		13				31
210						
SHEET TOTAL		1615				122

KOM
CGL
REF
CGLW
RIL
11=51
1=52

PLATE 3 CROSS SECTION O. P. R. & B. E.
10x5 INCH PAPER-WATE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	75	168

STATION	DISTANCE	YARDAGE				
		EXCAVATION				
		UNC.				FILL
210						
+50		0				728
211		0				1154
		0				1306
212		4				452
213		0				193
214		89				213
215		2				565
+50						
SHEET TOTAL		195				4611

C.O.M. 11-51
C.E. 1-52
REF. 1-52
W.G.M. 1-52
C.E. 1-52

℄

PLATE 3 CROSS SECTION O. P. R. & R. T.
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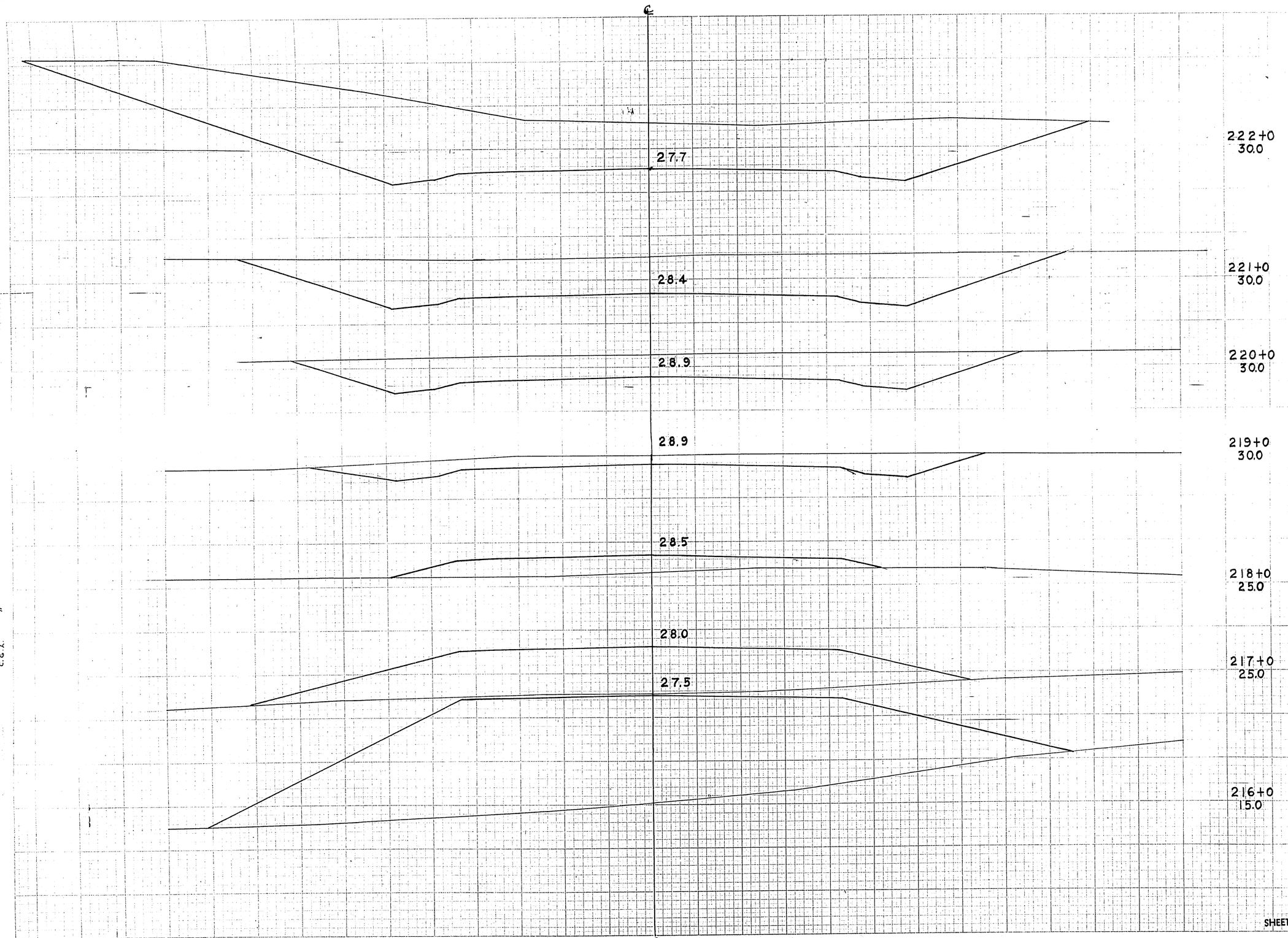
ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	76	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
215	+50	0				1272
216		0				2115
217		0				728
218		94				78
219		607				0
220		1107				0
221		1945				0
222						
SHEET TOTAL		3753				4193

K.O.M. K-57
C.E.F. 1-32
K.E.C. "
C.G.K. "

PLATE 3 CROSS SECTION O. P. R. & R. E.
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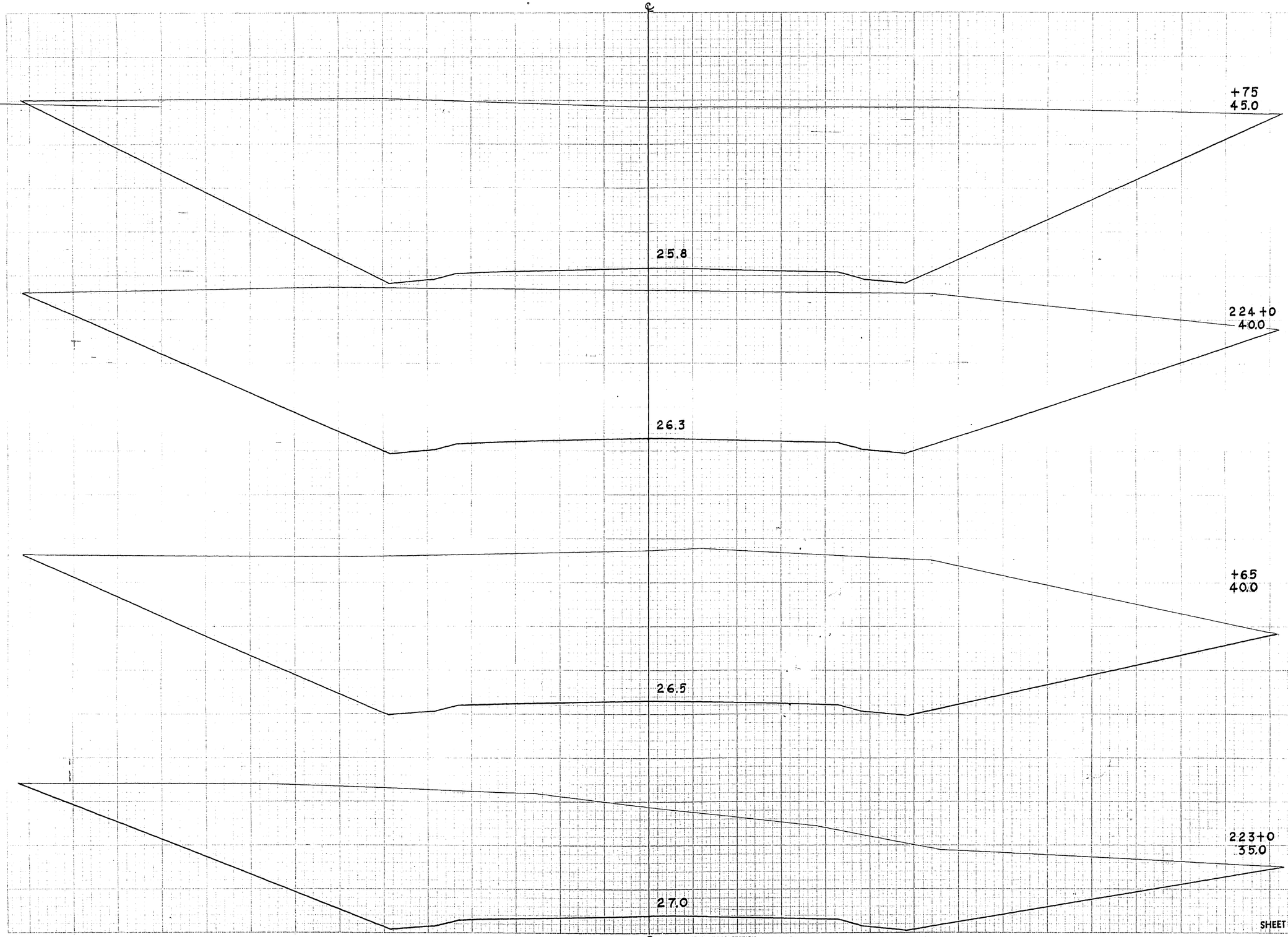
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	77	168



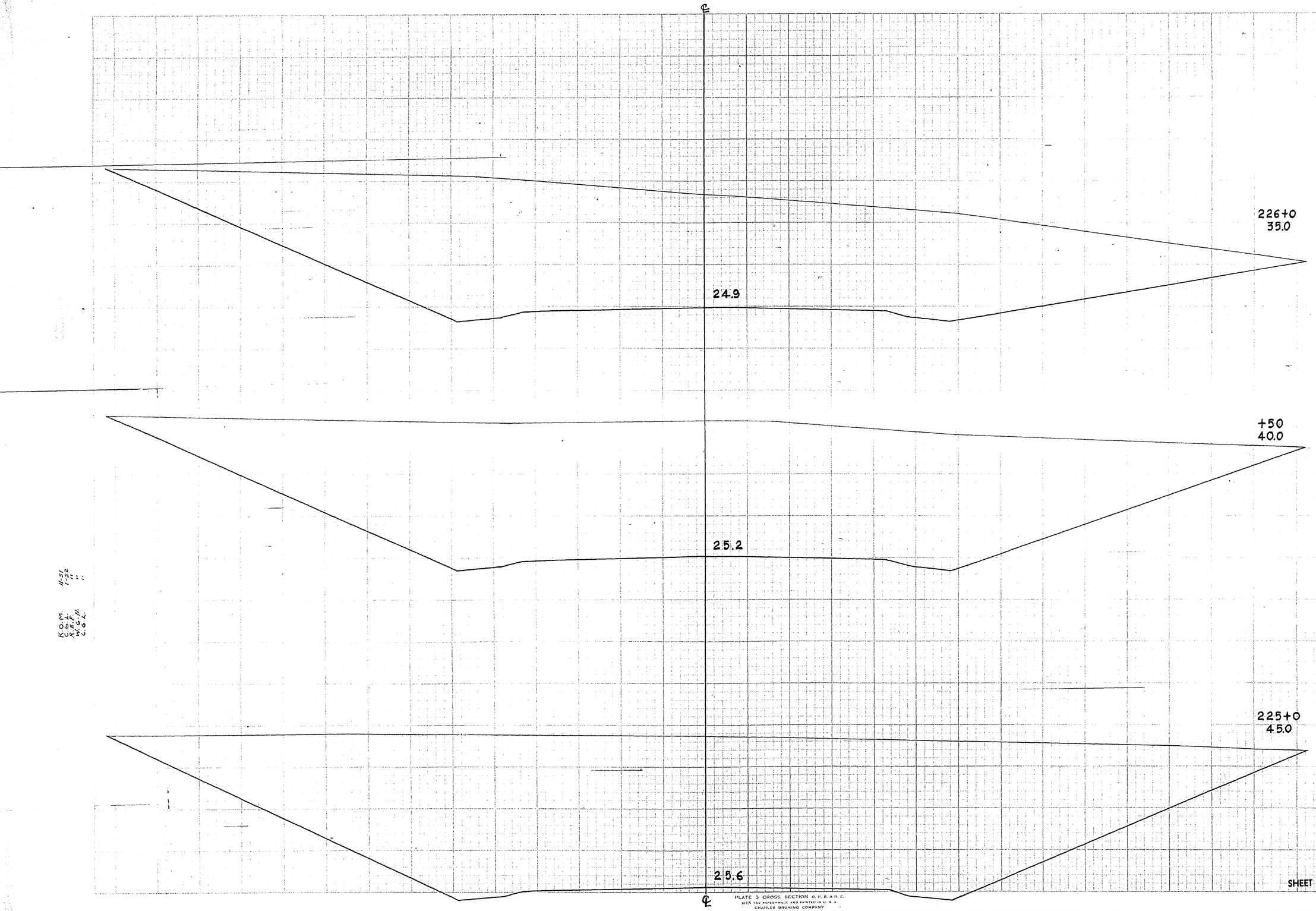
STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
222						
		3452				0
223						
		3572				0
+65						
		2335				0
224						
		5249				0
+75						
SHEET TOTAL		14,608				0

K.O.M. 11-51
K.E.F. 1-52
" "
W.G.N. "
C.G.K. "

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

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. SN	F011-2(28)	78	168

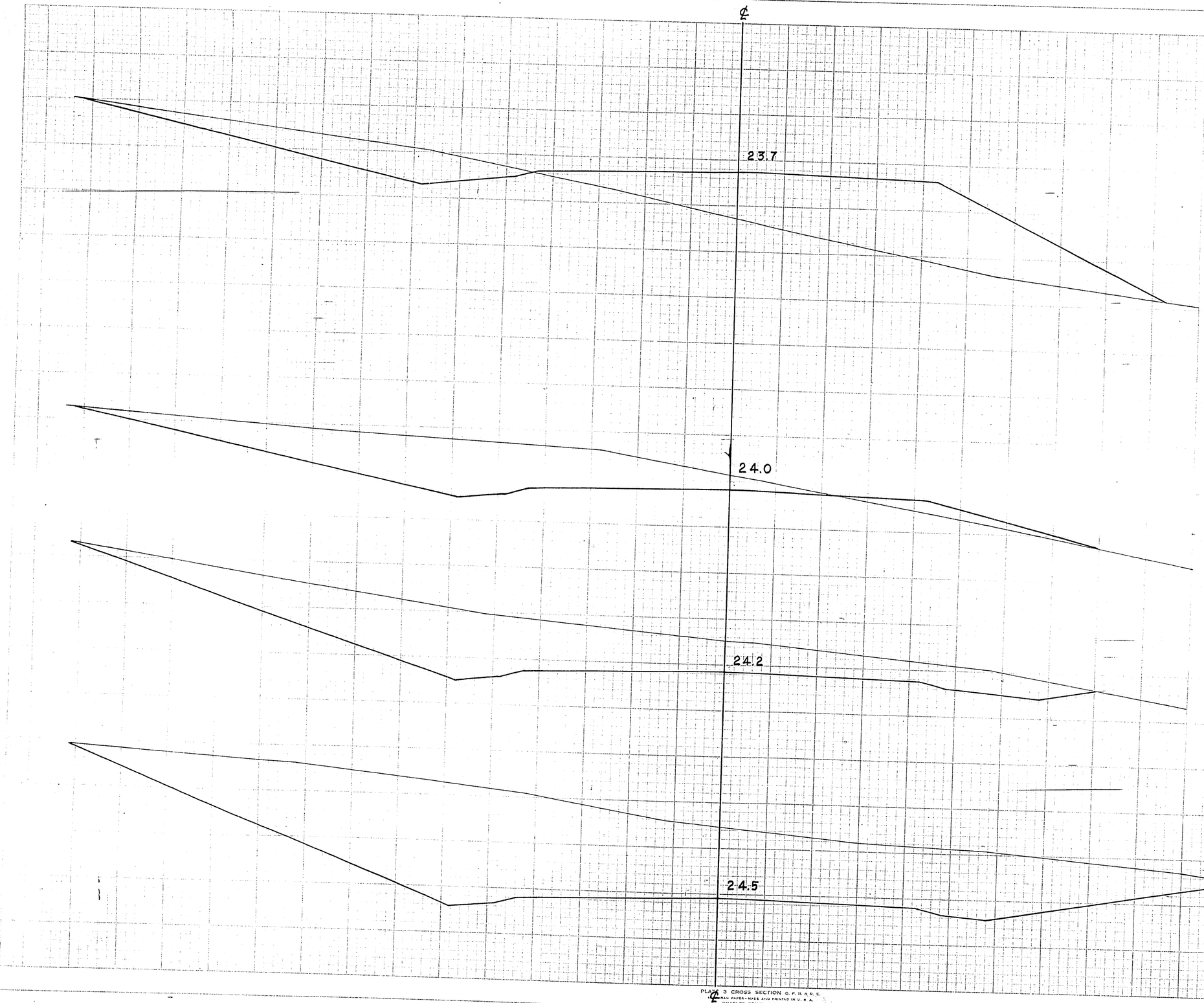
STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
224						
+75		1780				0
225						
		3284				0
+50						
		2878				0
226						
SHEET TOTAL		7942				0

K.O.M. 11-51
C.O.F. 1-52
R.E.F. "
W.G.M. "
C.O.L. "

PLATE 3 CROSS SECTION O. P. R. R. R. C.
100% RAG PAPER MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	79	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
+70	20.0					
+35	25.0					
227+0	25.0					
226						
+50		2180				0
		1217				0
227		430				7
+35						
+50	30.0	230				220
+70						
SHEET TOTAL		4057				227

K.O. M. 11-51.
L.D.F. 1"=52.
R.E.F. "
W.G.N. "
C.S.L.

PLATE 3 CROSS SECTION O. P. R. & R. C.
BLUE PAPER-MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

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ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

22.6

22.6

22.8

23.5

K.O.M. 1"=5'
R.I.L. 1"=5'
R.E.F. "
W.G.N.L. "

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	80	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
229+70	10.0					
+30	15.0					
229+0	10.0					
227						
+70		37				483
228						
		0				2309
229						
		0				759
+30						
228+0	15.0	0				1348
+70						
SHEET TOTAL		37				4899

PLATE 3 CROSS SECTION U. P. R. & R. E.
RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

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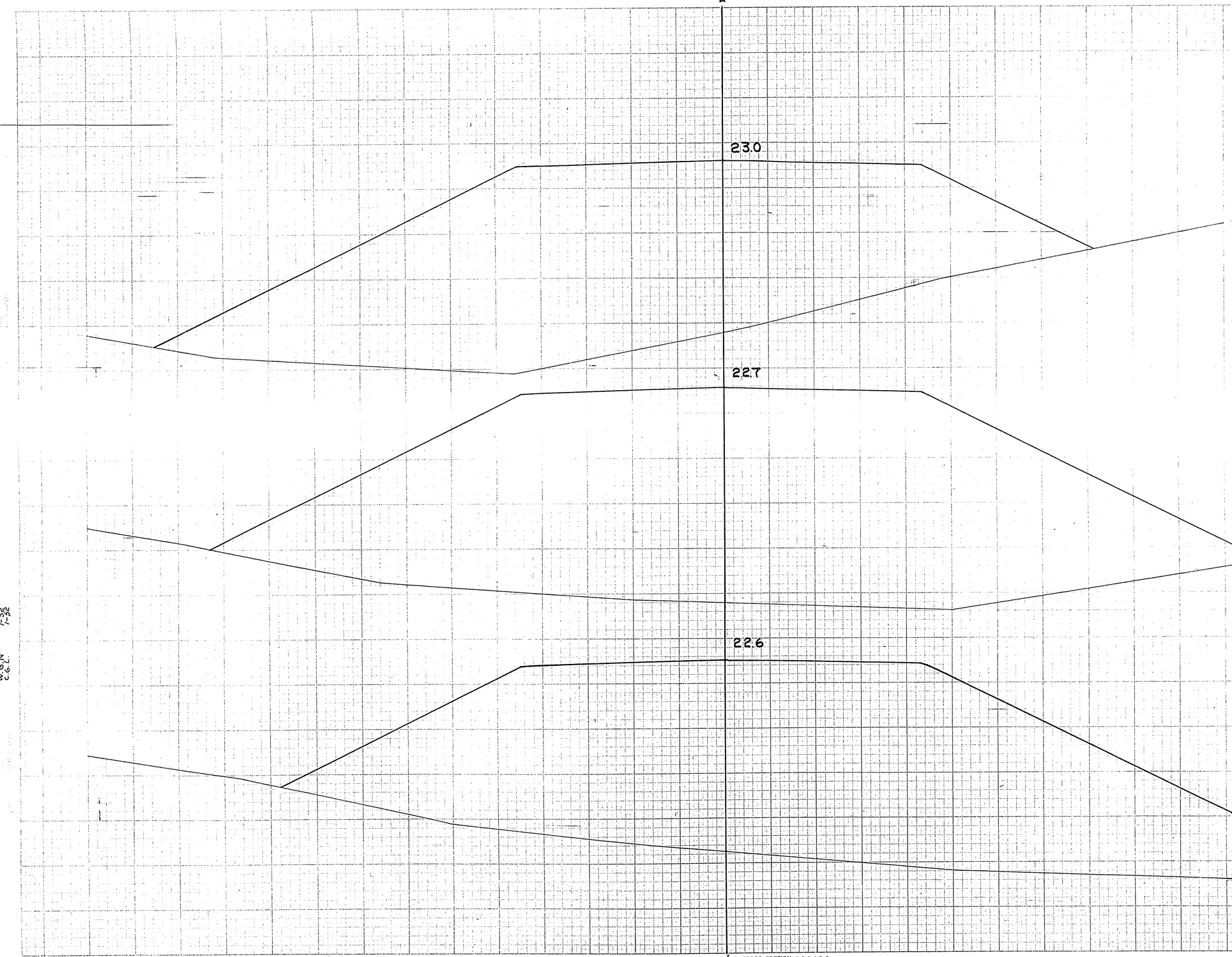
ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	81	168

STATION	DISTANCE	YARDAGE				
		EXCAVATION				FILL
		UNC.				
229						
+70		0				1611
230		0				2700
+40		0				3693
231						
SHEET TOTAL		0				8004

C.O.M. 11-51
T.R.E. 1-32
W.G.N. 1-32
C.G.L. 1-32

PLAN & CROSS SECTION C. P. R. A. R. E.
LINEN PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

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ELEVATIONS SHOWN ARE SUBGRADE

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P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
W/S. 5N	F011-2(28)	82	168

23.7

23.5

23.2

C.O.M. 11-51
T.R.R.R. 1-52
W.G.N. 1-52
C.G.N. 1-52

232+0
15.0

+75
10.0

231+40
05.0

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
231						
+40		0				2287
+75		0				1982
232		48				1143
SHEET TOTAL		48				5412

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

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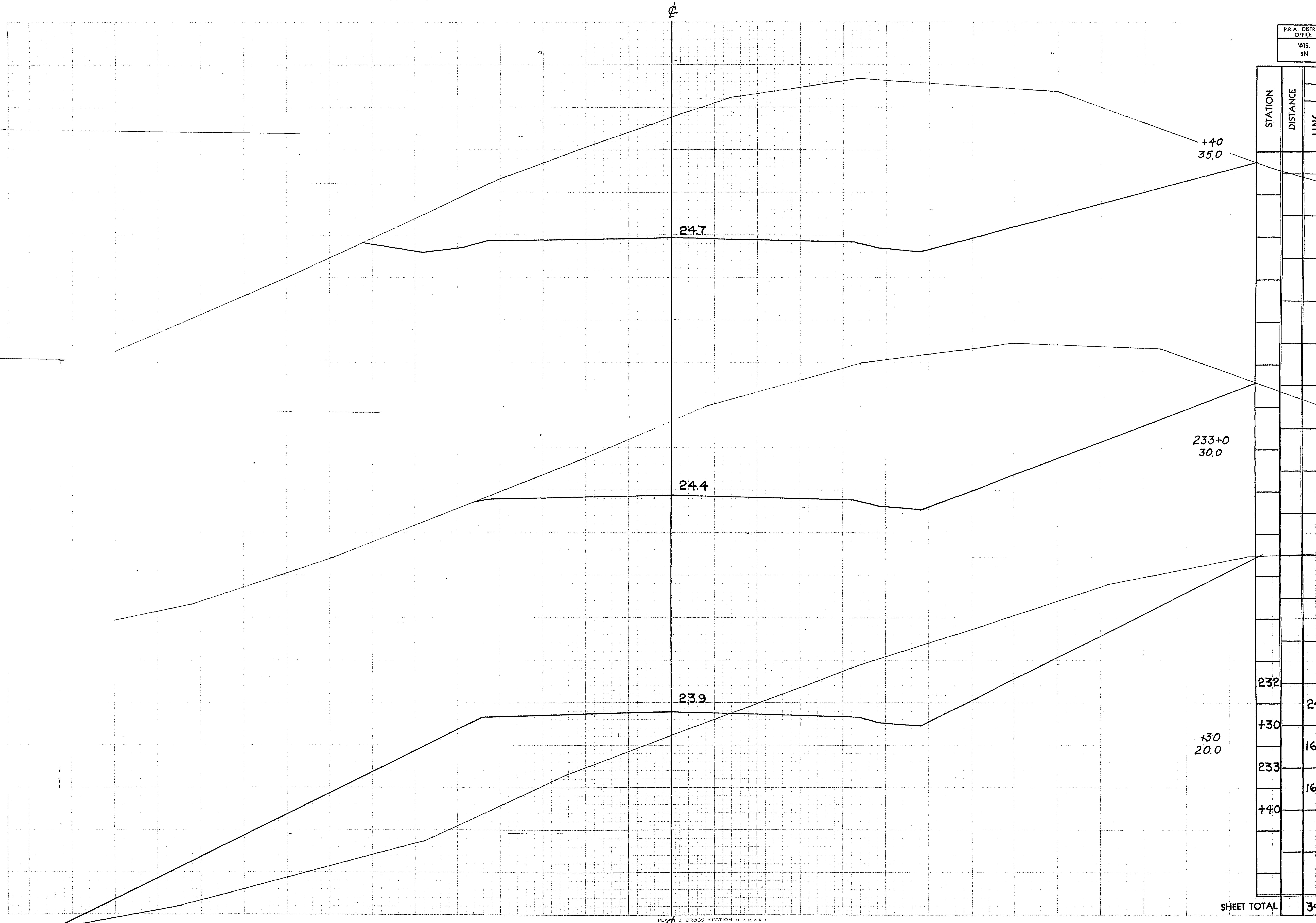
ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	83	168



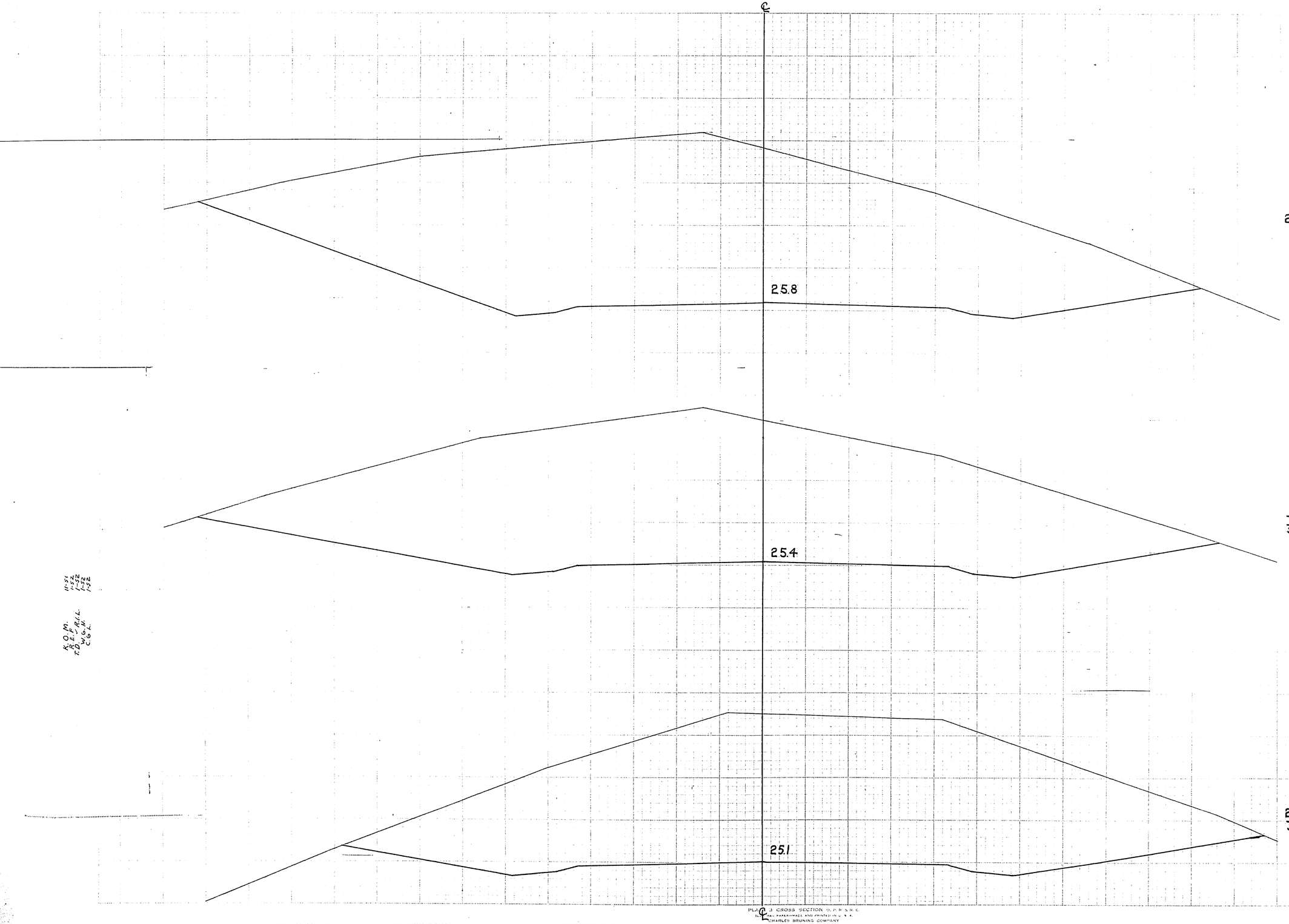
STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
232						
		248				874
+30						
		1619				563
233						
		1613				0
+40						
SHEET TOTAL		3480				1437

K.O.M. 11-51
T.D. 1-52
R.E.F. "
W.G.N. "
C.G.L. --

PLATE 3 CROSS SECTION O. P. R. & R. E. RAG PAPER—MADE AND PRINTED IN U. S. A. CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



K.O.M.
R.E.F.
T.D.W.
C.G.L.

11-51
1-52
1-52
1-52

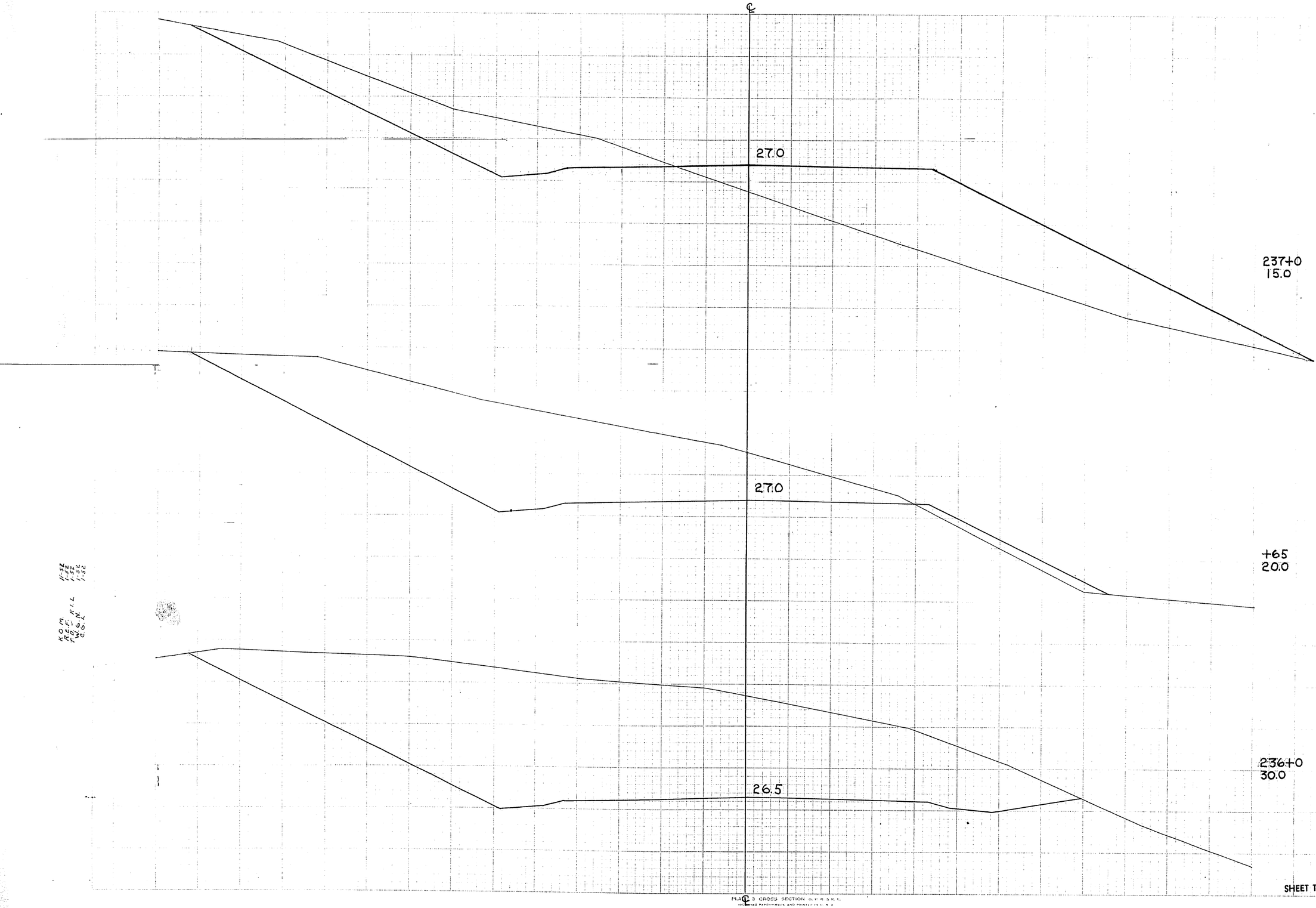
P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. SN	F011-2(28)	84	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
233 + 40						
		2793				0
234						
		2402				0
+50						
		2602				0
235						
SHEET TOTAL		7797				0

PLOTTED CROSS SECTION O.P.R.S.N.C.
IN U.S.A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. SN	F011-2(28)	85	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
235		4723				0
236		1998				6
+65		526				274
237						
SHEET TOTAL		7247				280

AOM 11-52
REC'R'L 1-52
M.G.N. 1-52
E.G.K. 1-52

PLATE 3 CROSS SECTION O. P. R. S. R. E.
HIGHWAY PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

30.25

29.5

28.0

+50
15.0

239+0
20.0

238+0
15.0

℄

ELEVATIONS SHOWN ARE SUBGRADE

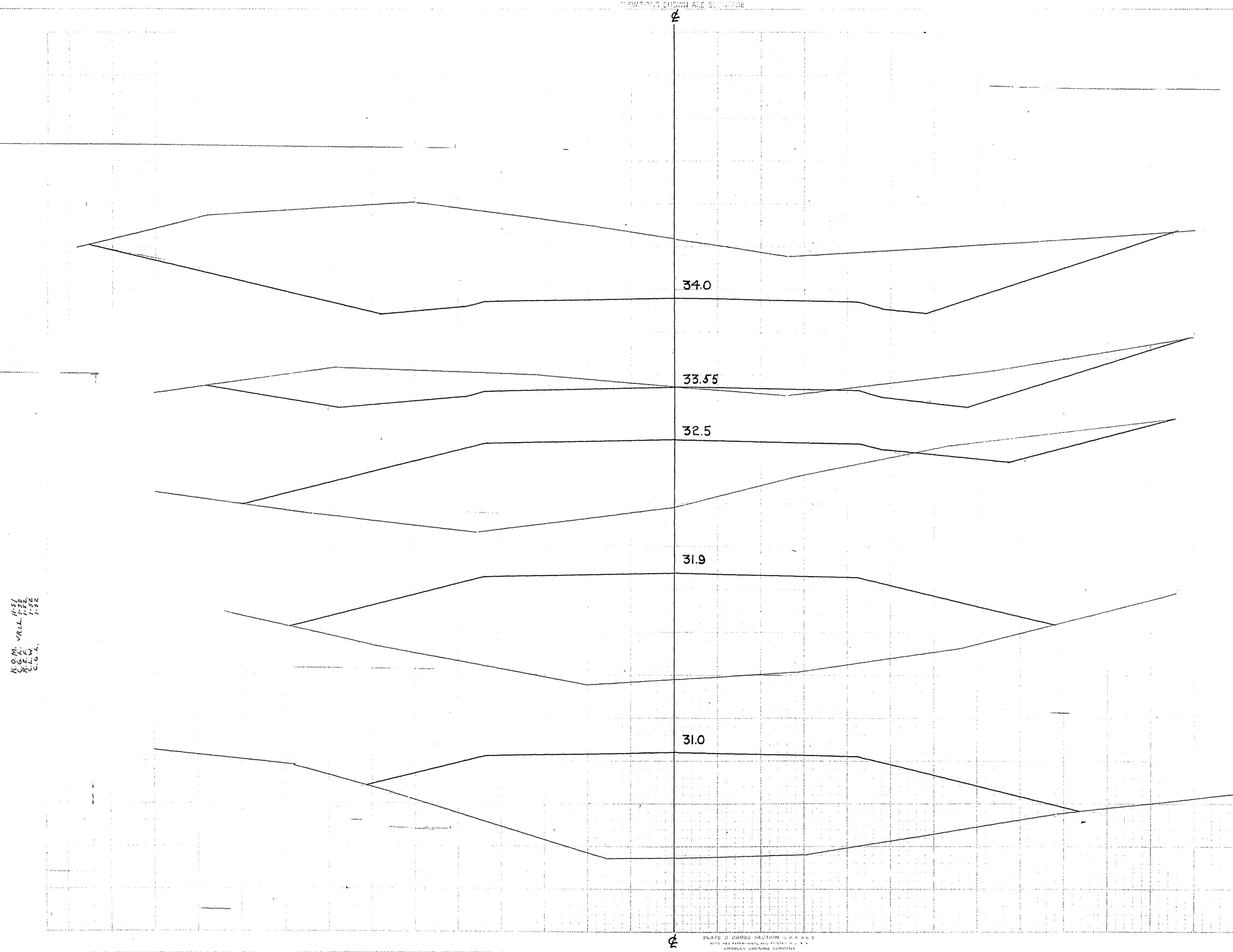
PLATE 3 CROSS SECTION U. S. P. R. R. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

K.O.M. 11-51
G.G.K. 1-52
R.E.F. 1-52
C.E.W. 1-52
C.G.K.

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	86	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
237						
	409					2141
238						
	2					2500
239						
	0					1202
+50						
SHEET TOTAL		411				5843

ELEVATIONS SHOWN ARE SUBGRADE



K.O.M. VAIL. 11-31
G.G.K. 1-32
C.E.W. 1-32
C.G.K. 1-32

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	87	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
239						
+50		0				1261
240						
		0				1563
+60						
		17				887
241						
		320				602
+70						
		593				0
242						
SHEET TOTAL		930				4313

℄ PLATE 2 CROSS SECTION U.P.P.R.R.E
1975 AASHTO STANDARDS AND POSTED S.C.D.O.T.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

38.5

37.9

37.0

36.25

35.5

34.6

℄

ELEVATIONS SHOWN ARE SUBGRADE

K.O.M. 1-51
C.G.L. 1-52
R.F.J. 1-54
C.C.L. 1-52

245+0
30.0

+60
40.0

244+0
40.0

+50
45.0

243+0
50.0

+40
45.0

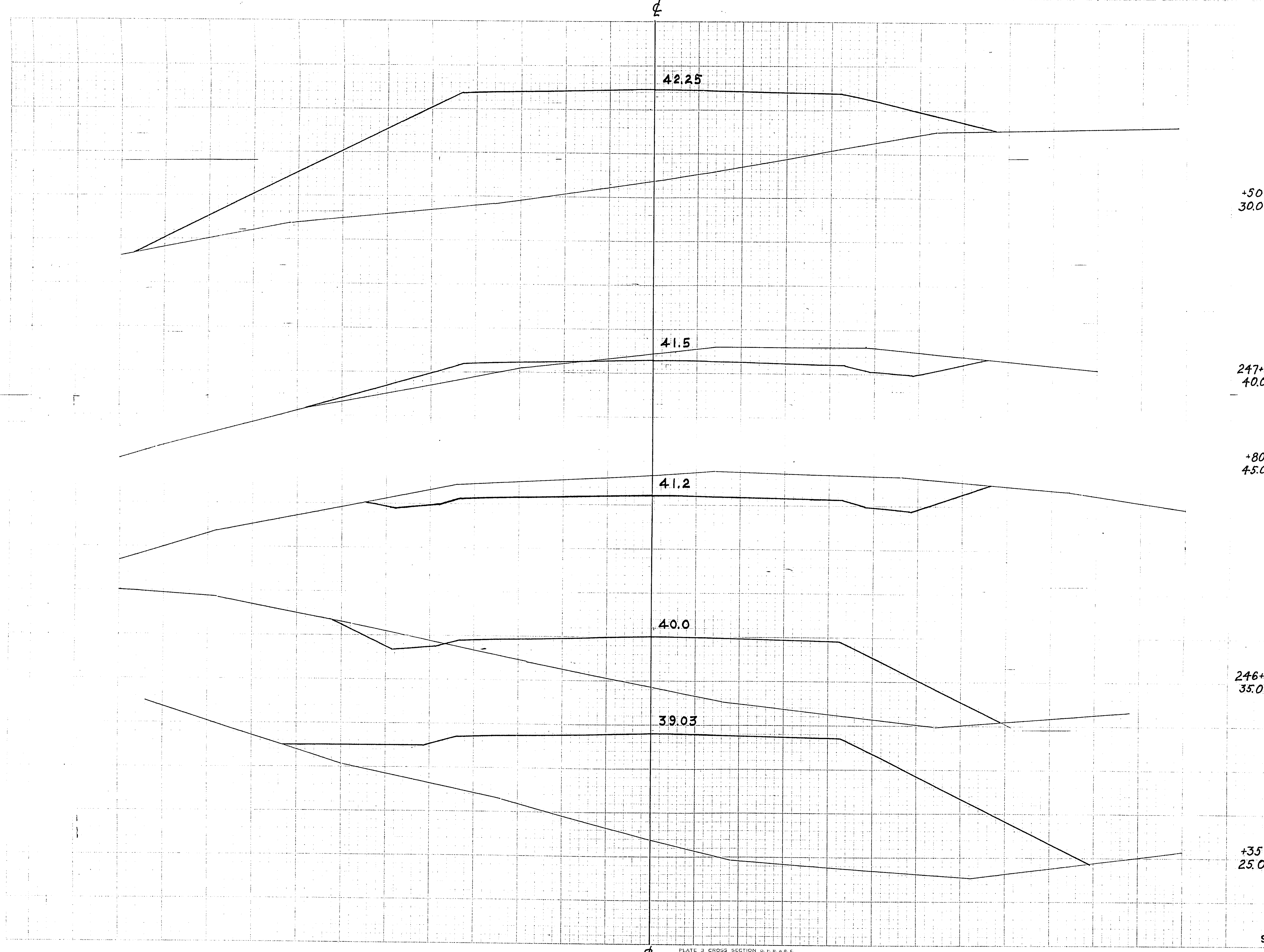
P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	88	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
242						
		1661				0
+40						
243		3008				0
		2256				0
+50						
		1459				0
244						
		820				6
+60						
		74				406
245						
SHEET TOTAL		9278				412

PLATE 3 CROSS SECTION O.P.R.R.A.B.C.
100% RAG PAPER MADE AND PRINTED IN U.S.A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	89	168



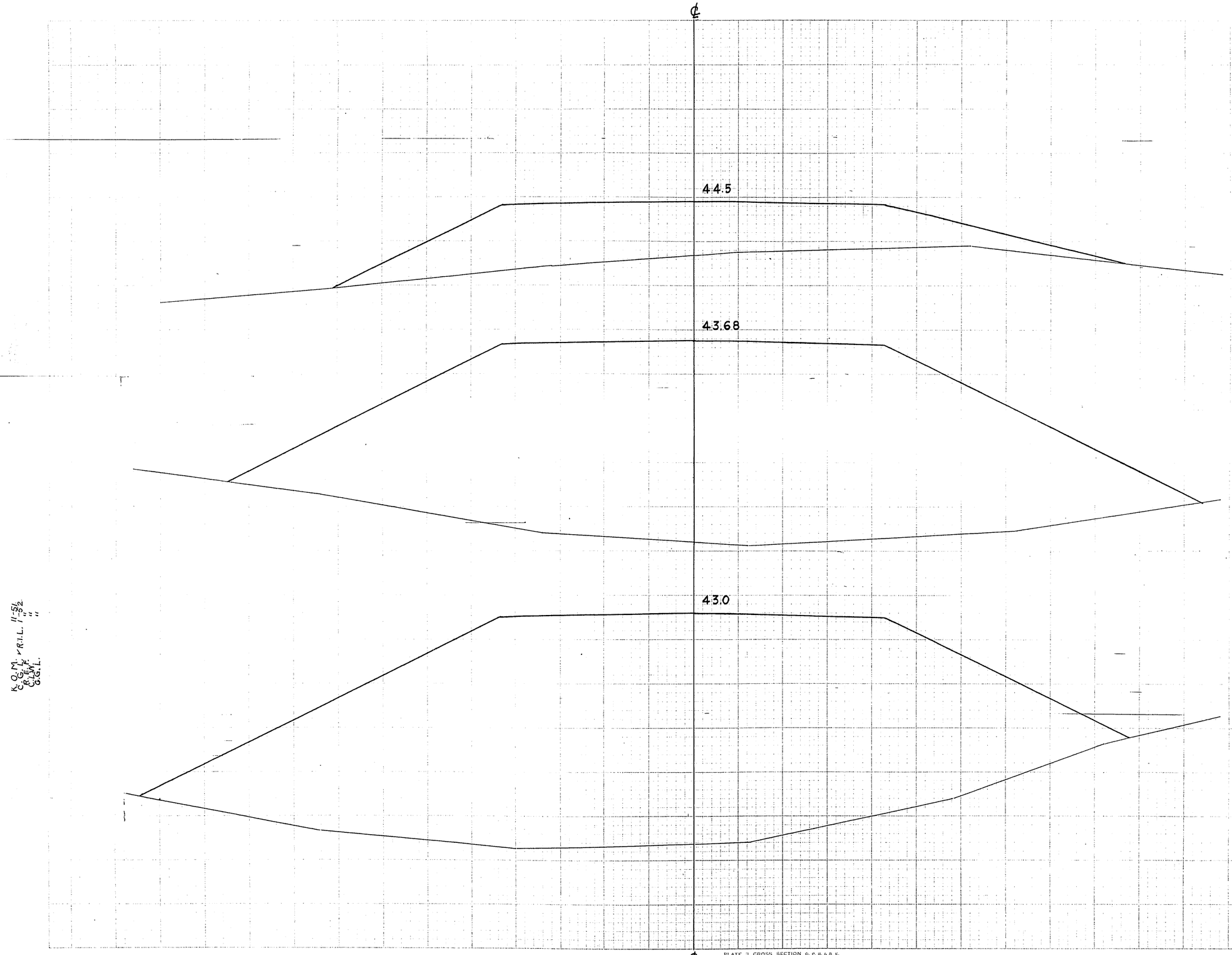
STATION	DISTANCE	YARDAGE — EXCAVATION — UNC.				FILL
245						
		0				824
+35						
		2				1280
246						
		243				457
+80						
		81				11
247						
		26				681
+50						
SHEET TOTAL		352				3,253

K.O.M. ✓R.I.L. 11-51.
C.G.L. 1-52.
R.E.F. "
W.G.N. "
C.G.L.

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

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



249+0
35.0

+45
20.0

248+0
15.0

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	90	168

STATION	DISTANCE	YARDAGE - EXCAVATION UNC.				FILL
247						
+50		0				2465
248		0				3015
+45		0				2085
249						
SHEET TOTAL		0				7,565

K.Q.M. 11-52
C.E.E. "
C.S.W. "
S.G.L.

PLATE 3 CROSS SECTION C. P. R. & R. E.
1935 BIG PAPER IMAGE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	91	168

+40
60.0

47.7

251+0
60.0

47.3

250+0
55.0

46.0

+65
50.0

45.48

K.O.M. ✓R.I.L. 11-51
G.E.F. " "
R.E.W. " "
C.G.L.

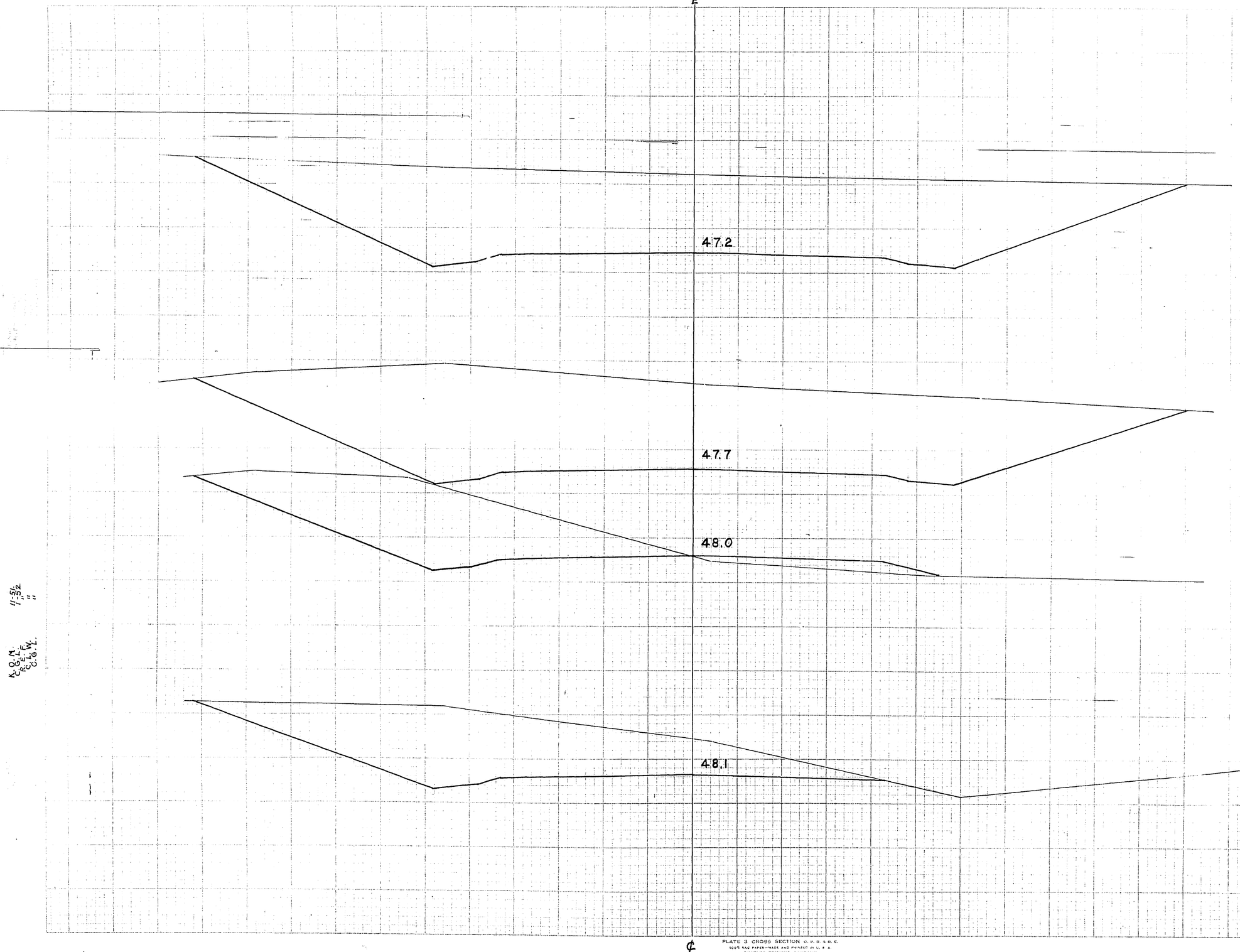
STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
249						
	524					248
+65						
	1187					0
250						
	3592					0
251						
	1322					0
251						
+40						
SHEET TOTAL	6,625					248

℄

PLATE 3 CROSS SECTION C. P. R. R. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



K.O.M. 1"=5'
C.O.T. " 2
R.C.F. "
C.I.G.W. "

+30
55.0

253+0
55.0

+50
50.0

252+0
50.0

PLATE 3 CROSS SECTION © P. R. A. D. C.
100% RAG PAPER-MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	92	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
251 +40		1357				0
252		580				4
+50		1096				2
253		959				0
253 +30						
SHEET TOTAL		3992				6

ELEVATIONS SHOWN ARE SUBGRADE

℄

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	93	168

43.8

+75
45.0

44.9

+40
45.0

46.0

254+0
45.0

K.O.M. 11-51.
G.E.F. R.I.L. 1-52.
C.L.S. " "
C.G.L. " "

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
253						
+30		1476				0
254		435				0
+40		494				0
254						
+75						
SHEET TOTAL		2,405				0

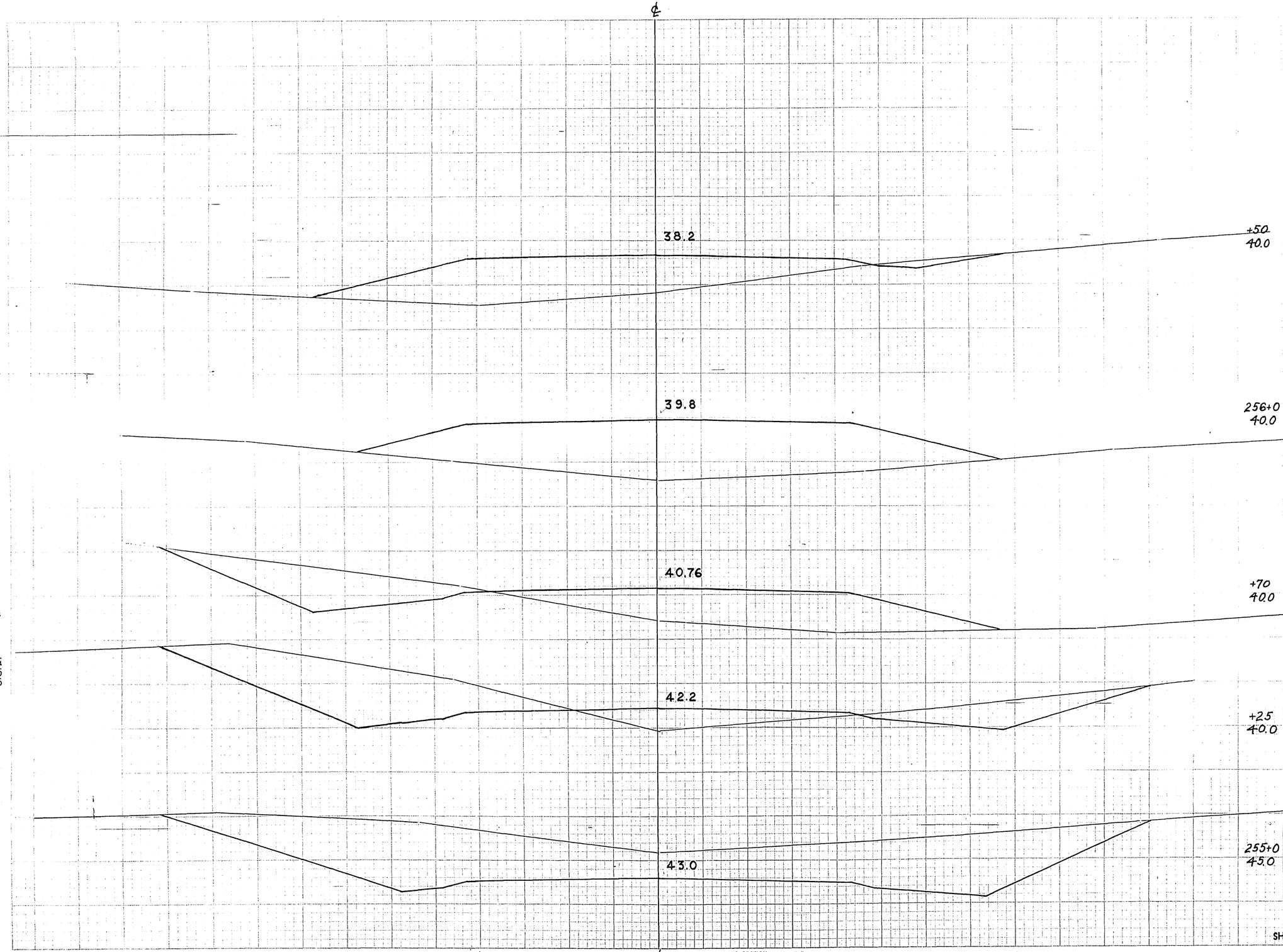
℄

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

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. SN	F011-2(28)	94	168



STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
254 +75		457				0
255 +25		333				9
+25 +70		267				170
+70 256		35				270
256 256 +50		2				493
SHEET TOTAL		1094				942

K.O.M. 11-51
W.G.N. 1-52.
R.L.E. "
C.O.L. "

℄

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

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

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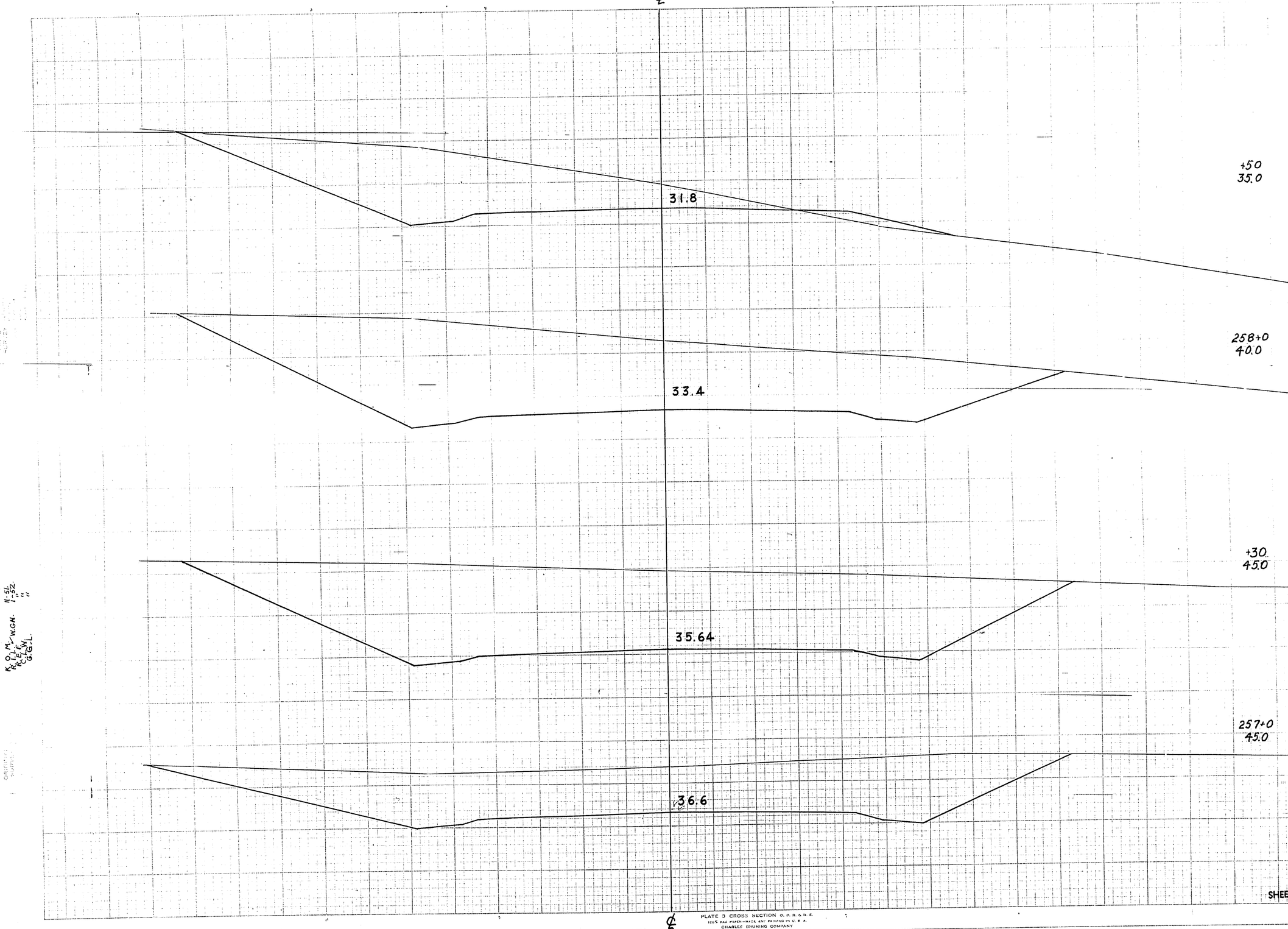
P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	95	168



STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
256 +50						
	478					76
257						
	730					0
+30						
	2004					0
258						
	1000					0
258 +50						
SHEET TOTAL	4212					76

K.D.M. 11-5L
W.G.N. 11-32
R.E.F. "
C.G.L. "

PLATE 3 CROSS SECTION O. P. R. A. B. E.
100% RAG PAPER-MUSK AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

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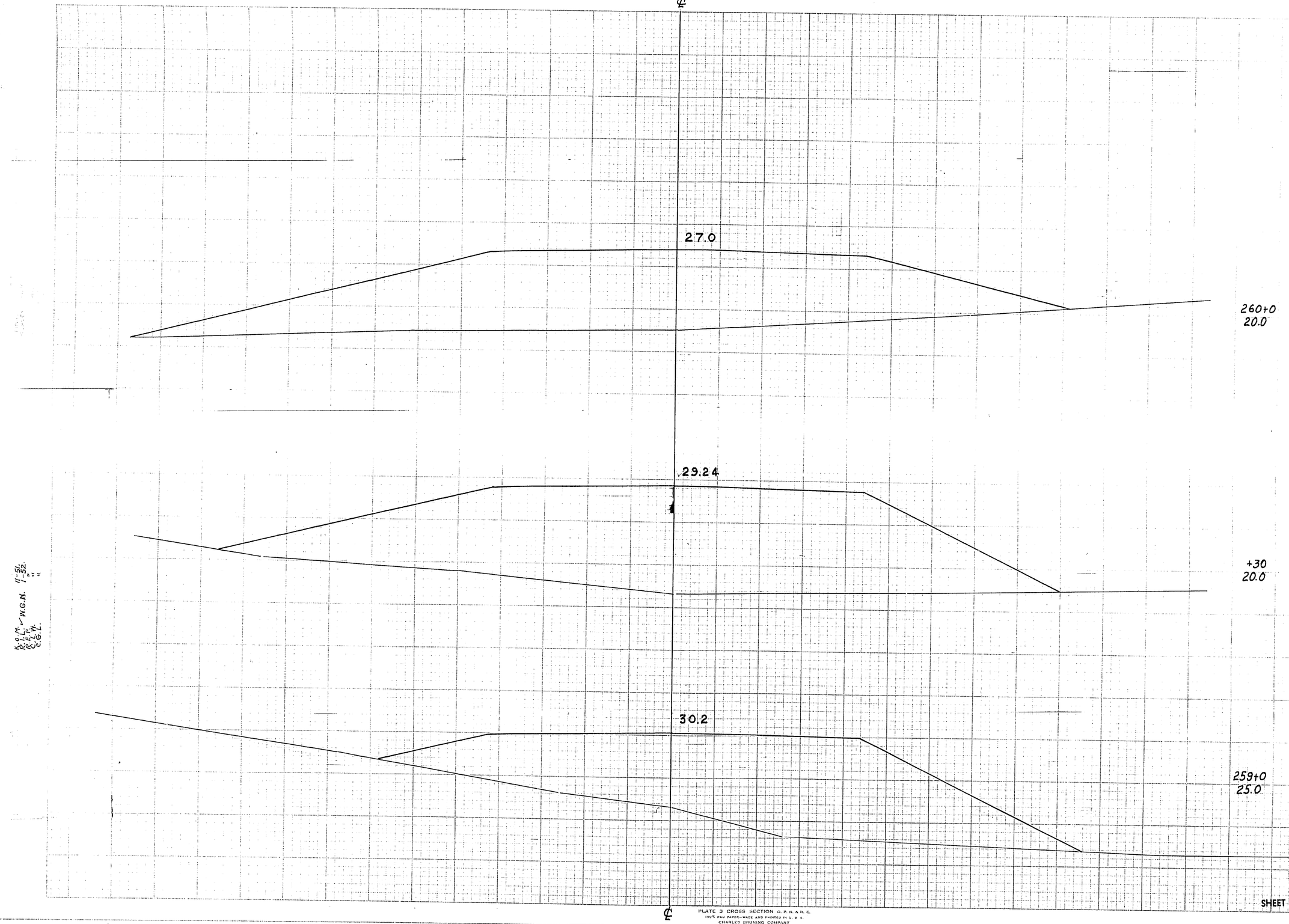
ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



260+0
20.0

+30
20.0

259+0
25.0

A.O.M. ✓ W.G.M. 11-51.
P.E.L. 1-52.
E.T.W. "
C.G.L. "

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. SN	F011-2(28)	96	168

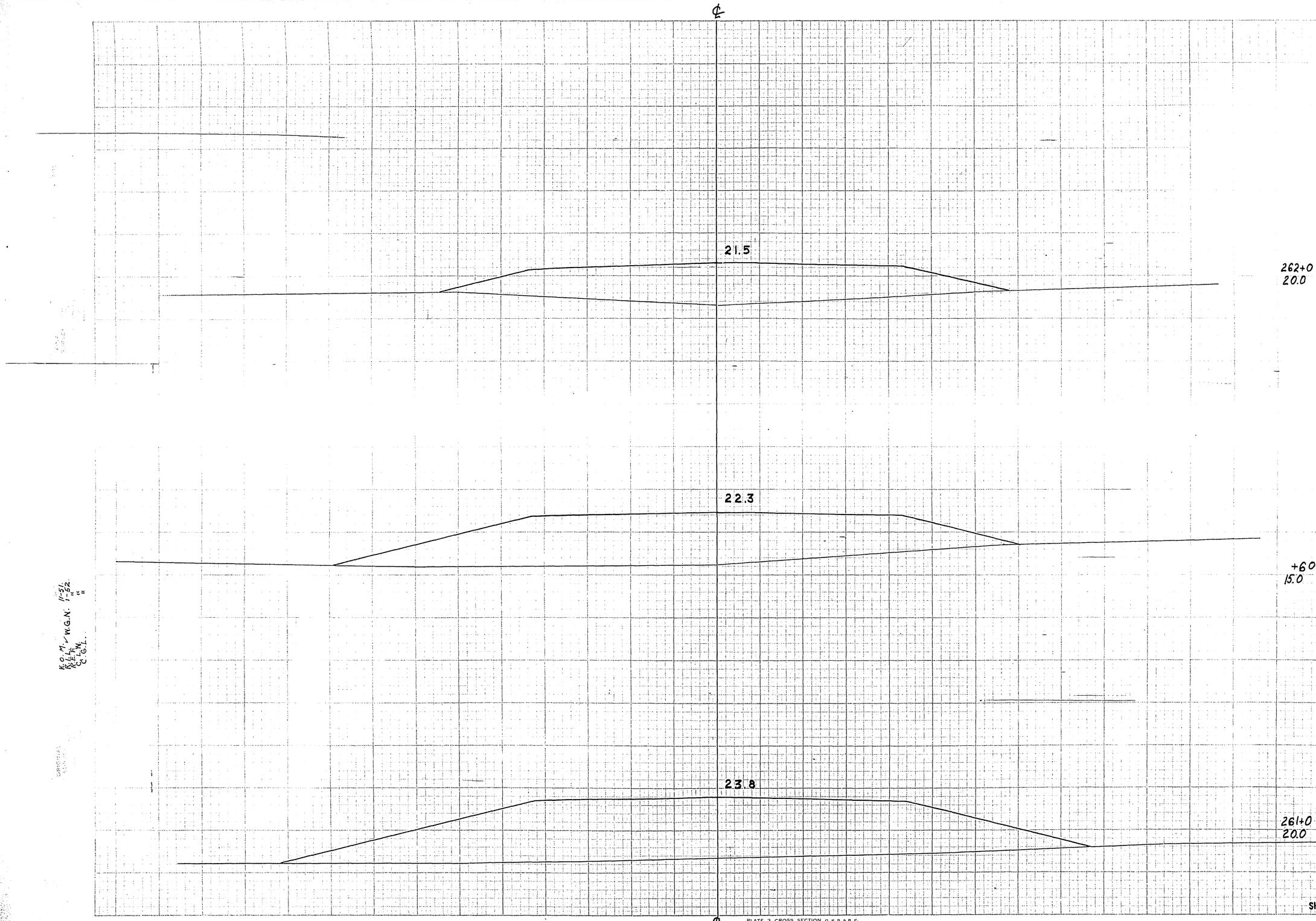
STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
258						
+50						
		189				537
259						
		0				770
+30						
		0				1921
260						
SHEET TOTAL		189				3228

PLATE 3 CROSS SECTION O. P. R. A. R. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	97	168



K.O.M. 11-51.
W.G.N. 1-52.
R.E.L.N. "
C.G.L. "

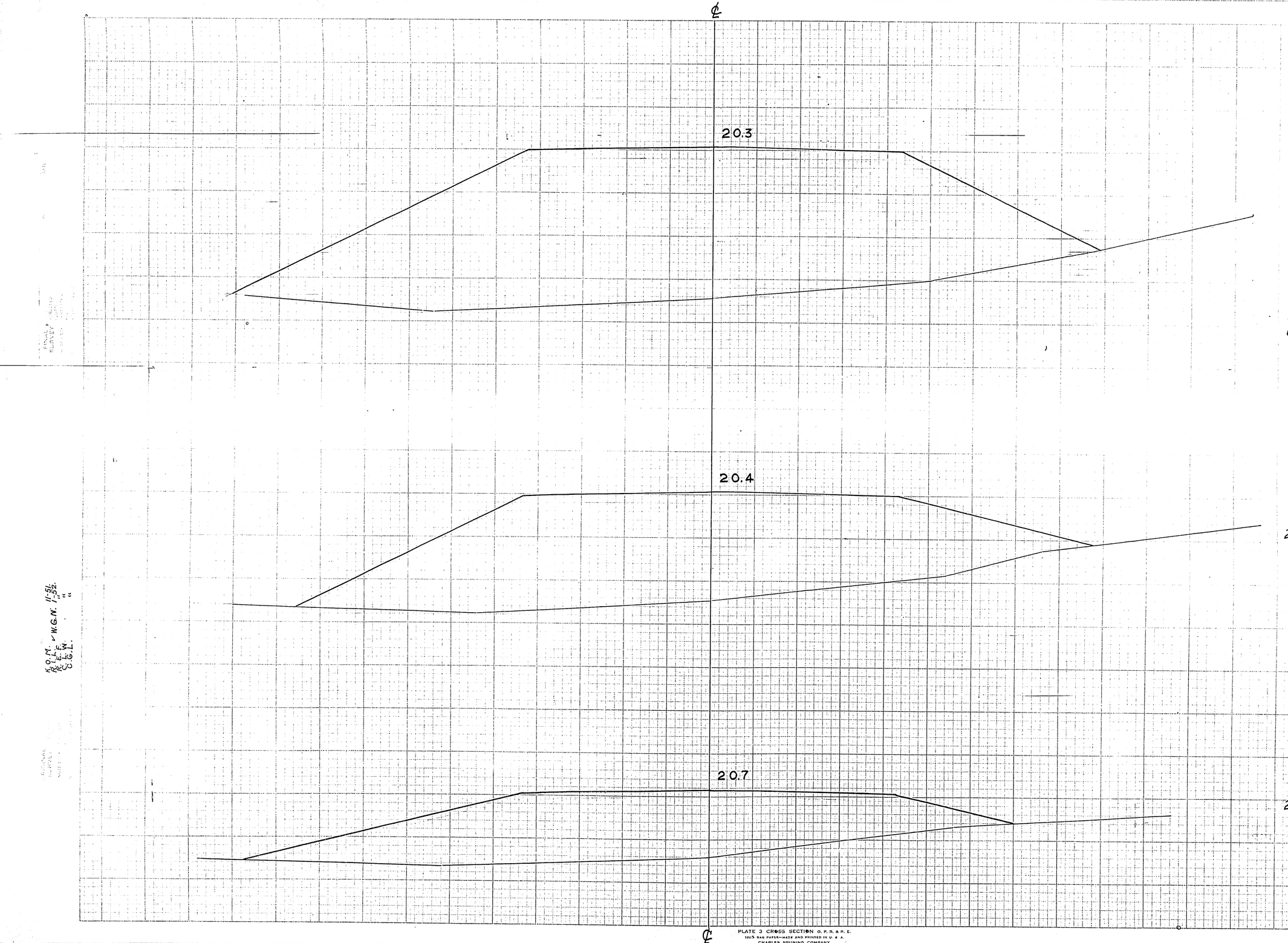
STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
260		0				2124
261		0				907
+60		0				417
262						
SHEET TOTAL		0				3448

PLATE 3 CROSS SECTION C. P. R. & R. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	98	168



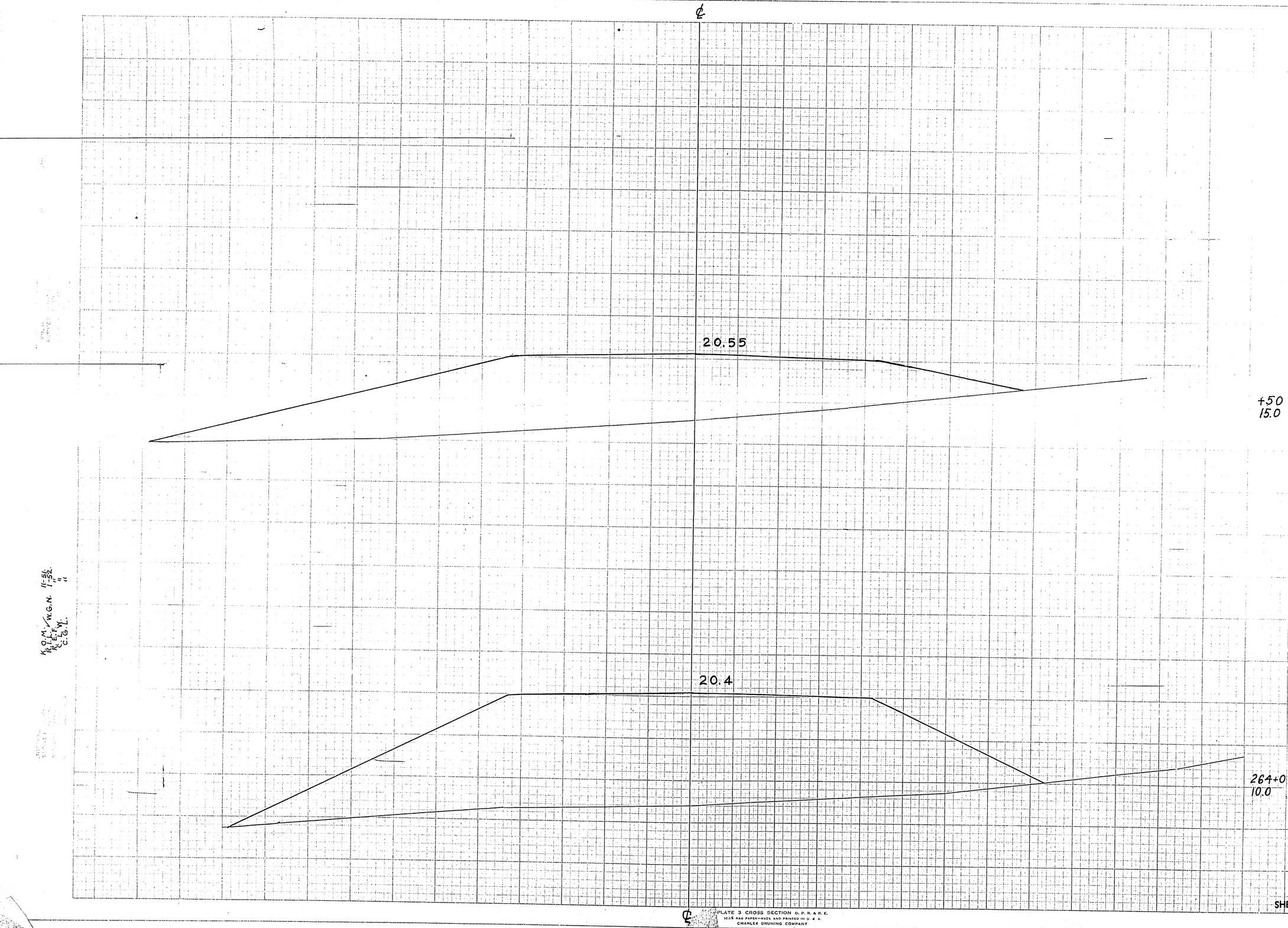
STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
262						
	+60	0				776
263		0				959
		0				2113
263	+55					
SHEET TOTAL		0				3848

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

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	99	168



STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
263 +55						
	⊙					1800
264						
	⊙					1369
264 +50						
SHEET TOTAL	⊙					3169

K.D.M. / W.G.N. 11-51.
R.E.F. 1-52.
C.G.L. "
" "

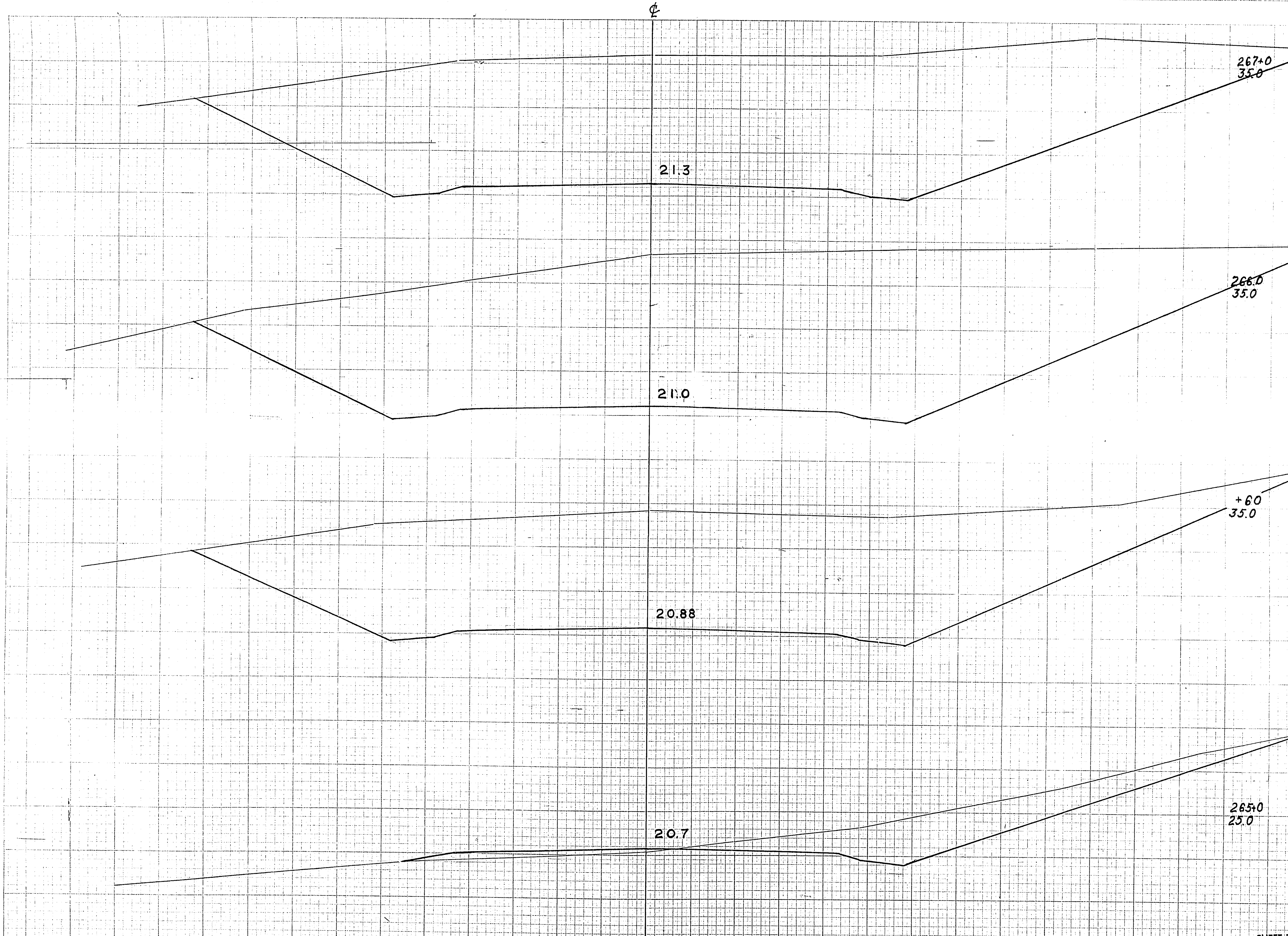
PLATE 3 CROSS SECTION C. P. R. & R. E.
10 3/8 RAG PAPER-MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

℄

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	100	168

K.O.M. ✓ W.G.N. 11-51.
R.L.F. 1-52.
R.E.F. "
C.L.W. "
C.G.L.



STATION	DISTANCE	YARDAGE EXCAVATION UNC.			FILL
264+50					
		81			542
265					
		1570			4
+60					
		2115			0
266					
		5699			0
267					
SHEET TOTAL		9,465			552

℄

PLATE 3 CROSS SECTION O.F.R.&R.E.
100% RAG PAPER—MADE AND PRINTED IN U.S.A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

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P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	101	168

269+0
30.0

21.9

268+0
35.0

21.6

+50
35.0

21.45

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
267						
	2797					0
+50						
	2696					0
268						
	4695					0
269						
SHEET TOTAL	10,188					0

K. O. M. 11-51.
W. G. N. 1-52.
K. E. "
C. L. W. "

PLATE 3 CROSS SECTION D. P. R. & R. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

℄

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	102	168

22.8

272+0
20.0

22.5

271+0
20.0

270+0
35.0

22.2

269+60
35.0

22.08

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
269						
	2656					0
+60						
	1654					0
270						
	2487					115
271						
	780					850
272						
SHEET TOTAL	7577					965

K.D.M. / W.G.N. 11-52
K.E.F. " "
C.M.W. " "

℄

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

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

23.7

275+0
20.0

23.52

+40
20.0

23.4

274+0
20.0

23.25

+50
25.0

23.1

273+0
20.0

℄

ELEVATIONS SHOWN ARE SUBGRADE

K.O.M. 1-51
R.E.C. 1-52
C.L.W. "

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
W/S. 5N	F011-2(28)	103	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
272						
		435				950
273						
	+50	213				131
		94				135
274						
		0				426
	+40					
		0				624
275						
SHEET TOTAL		742				2,266

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

ELEVATIONS SHOWN ARE SUBGRADE

℄

25.2

24.9

24.6

24.3

24.0

280+0
30.0

279+0
30.0

278+0
20.0

277+0
20.0

276+0
15.0

K. O. M. 11-31
R. L. F. " 32.
C. G. L. "
W. G. N.

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	104	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.	FILL
275			
	0		1443
276			
	0		1556
277			
	6		1013
278			
	431		494
279			
	1372		6
280			
SHEET TOTAL	1809		4,512

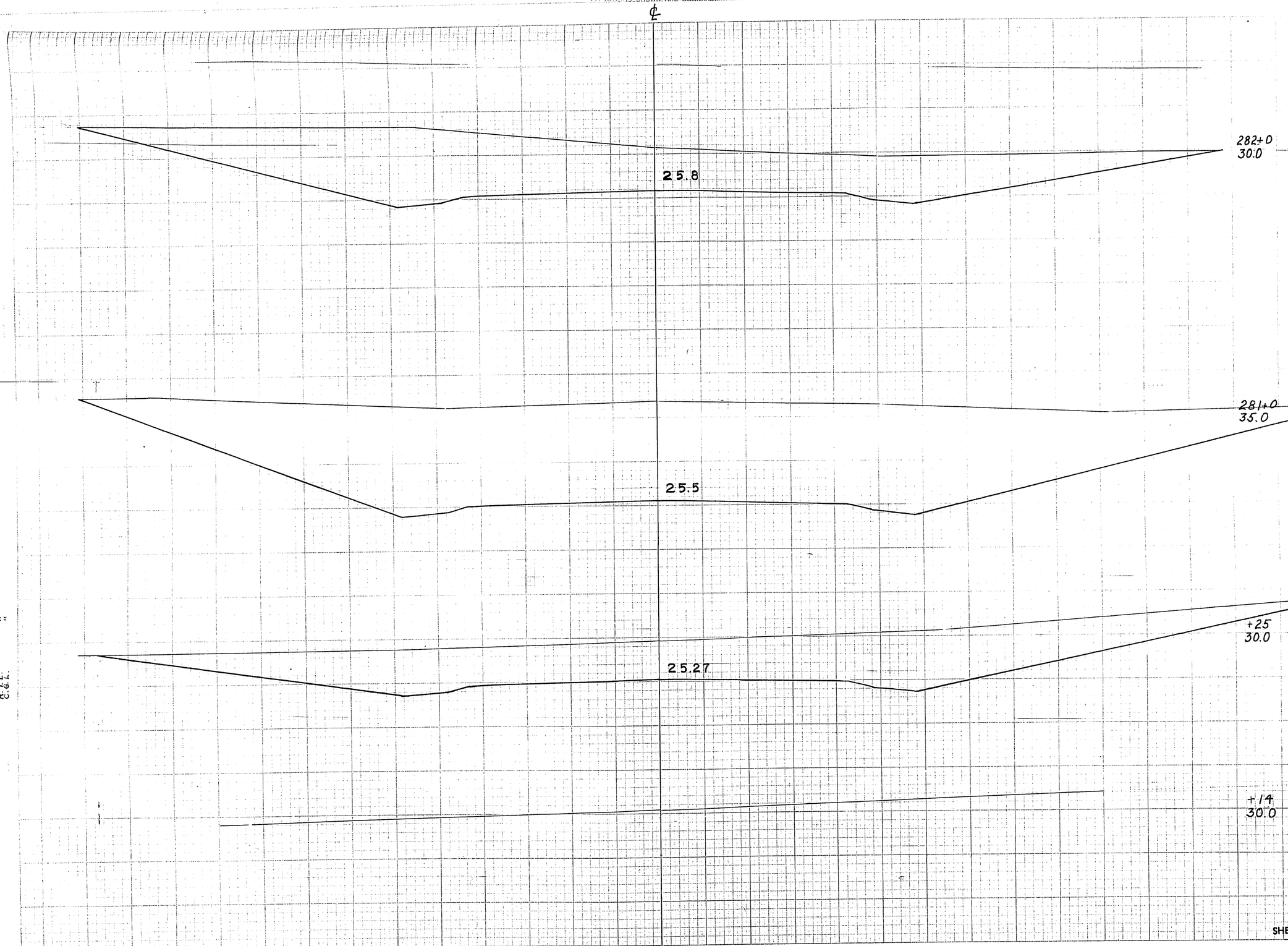
PLATE 3 CROSS SECTION U. P. R. & R. E.
100% RAG PAPER-MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

℄

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F0112(28)	105	168



STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
280		0				0
+14		491				0
+25		23°				0
281		3293				0
282						
SHEET TOTAL		6,179				0

℄

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

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRAD.

℄

26.55

+50
10.0

26.4

284+0
15.0

26.25

+50
15.0

26.1

283+0
20.0

25.95

+50
25.0

K.O.M. / T.O.
L.L.M.
R.E.W.
C.G.L.

11"=1'
1"=32
"
"

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	106	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
282						
	+50	630				4
283		41				622
	+50	0				931
284		0				1315
	+50	0				1883
SHEET TOTAL		671				4755

℄

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

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

28.0

288+0
05.0

27.3

27.0

287+0
05.0

26.93

286+0
10.0

26.7

285+0
10.0

K.C.M. - T.F.D.
R.E.F.
C.W.G.N.

1"=5'
1"=5'
" "
" "

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	107	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
284 +50	+75		0			2337
285	15.0		0			2858
+75			0			854
286			0			5830
287			0			7397
288						
SHEET TOTAL			0			19276

℄

PLATE 3 CROSS SECTION O. P. R. & H. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

30.2

29.55

28.9

28.3

290+0
30.0

+50
25.0

289+0
25.0

+50
15.0

K.O.M.
P.L.E.
C.G.N.
W.G.N.

11-52
"
"

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	108	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.			FILL
288					
		0			2711
+50					
		0			1411
289					
		0			809
+50					
		9			522
290					
SHEET TOTAL		9			5453

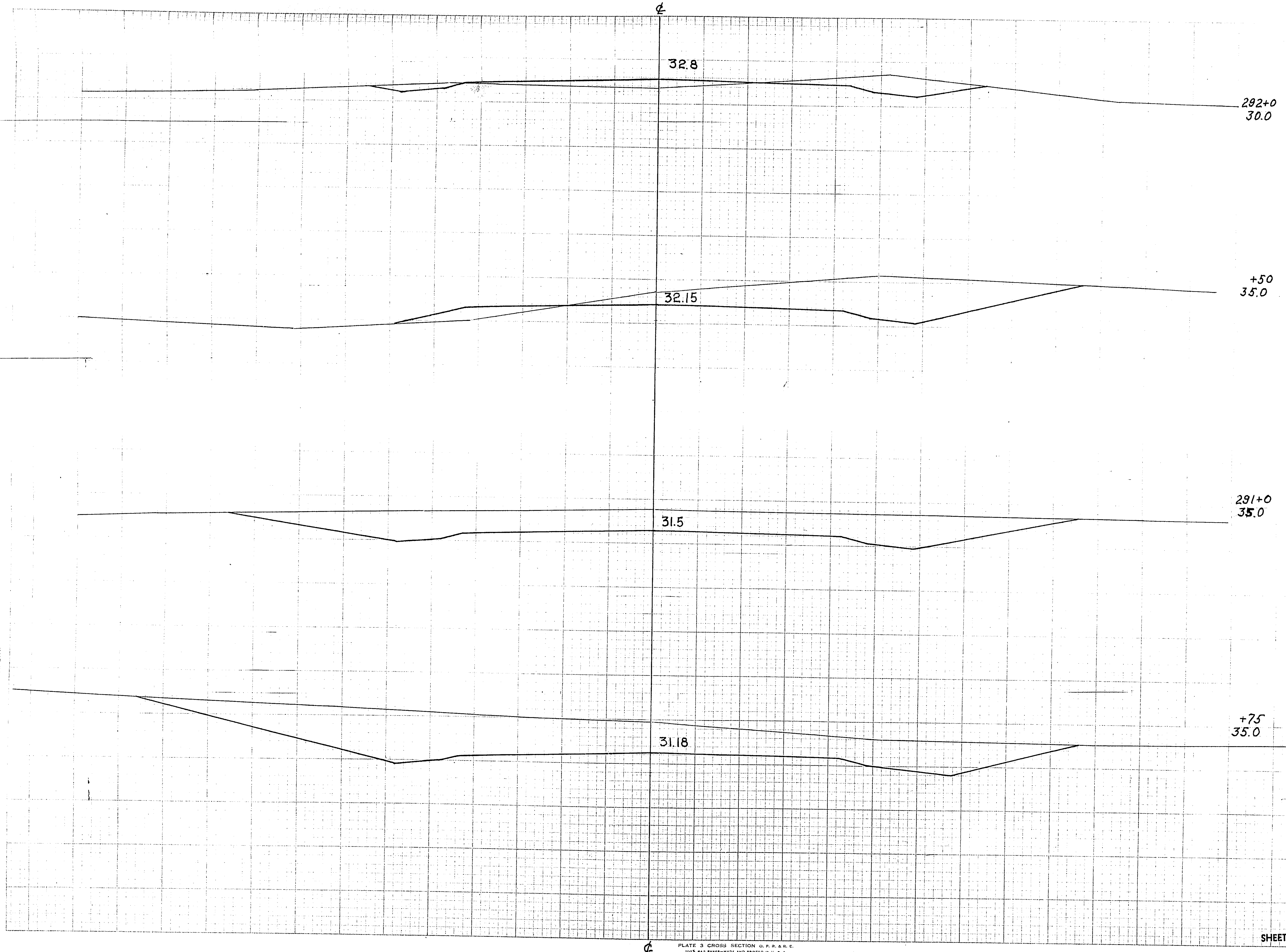
℄

PLATE 3 CROSS SECTION U. P. R. A. R. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	109	168

ELEVATIONS SHOWN ARE SUBGRADE



STATION	DISTANCE	YARDAGE: EXCAVATION: UNG.				FILL
290						
		517				76
+75						
		267				0
291						
		350				7
+50						
		170				31
292						
SHEET TOTAL		1304				114

K.O.M. 11-51.
R.L.L. 1-52.
R.E.F. "
C.G.L. "
W.G.N.

PLATE 3 CROSS SECTION O.P.R.&R.C.
100% RAG PAPER—MADE AND PRINTED IN U.S.A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

36.35

+75
45.0

35.4

294+0
35.0

34.1

293+0
30.0

33.39

+45
30.0

K. O. M.
R. E. F.
W. G. L.
C. C. L.

1"=5'
1"=5'
"
"

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	110	168

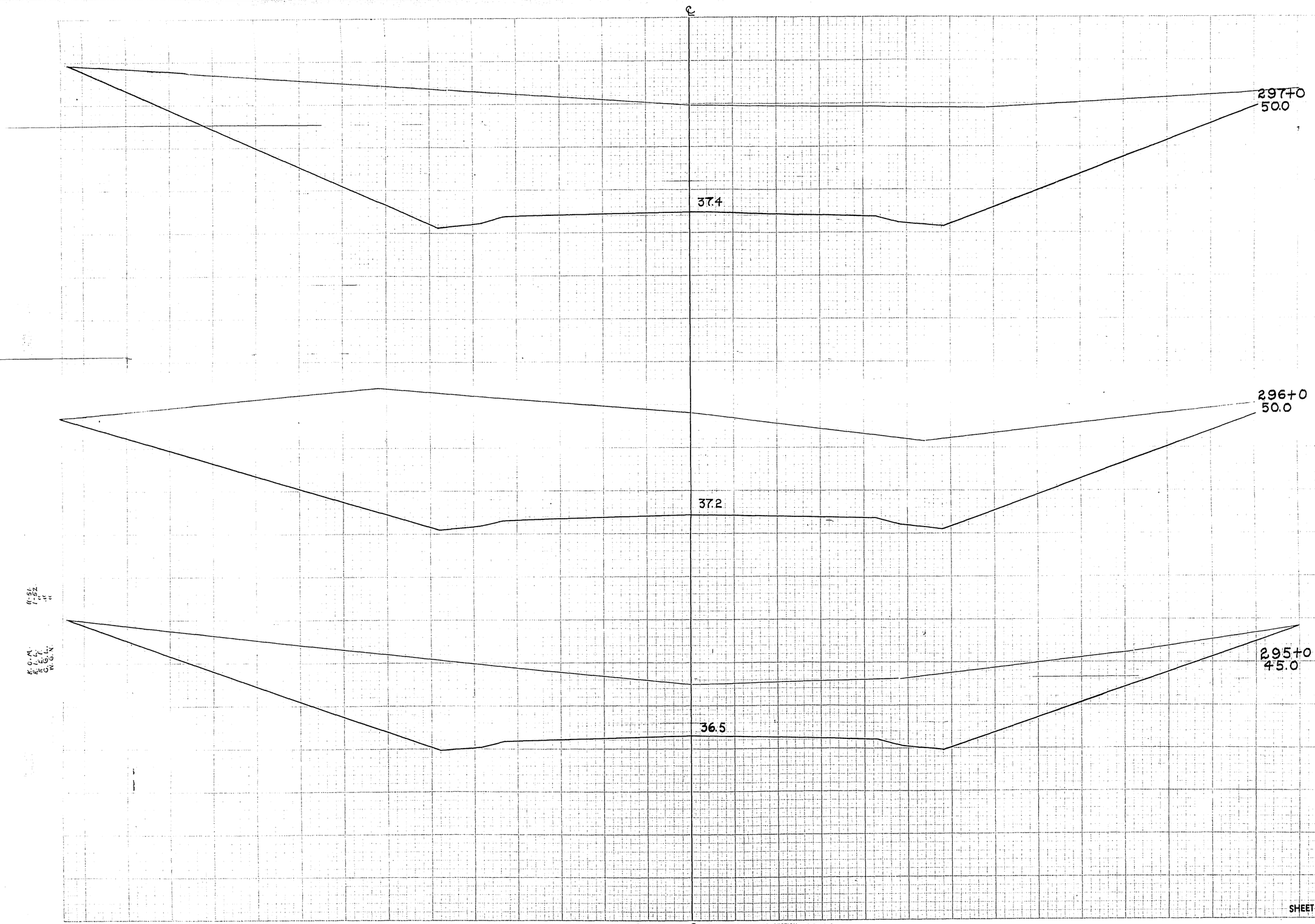
STATION	DISTANCE	YARDAGE				
		EXCAVATION				FILL
		UNC.				
292						
+45		13				367
293		0				898
		0				1026
294		976				35
+75						
SHEET TOTAL		989				2326

℄

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

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. SN	F011-2(28)	111	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
294 +75		761				0
295		3930				0
296		4984				0
297						
SHEET TOTAL		9675				0

11-51
1-52
"
"

K. G. M.
R. L. L.
C. E. C.
W. G. N.

℄ PLATE 3 CROSS SECTION O. P. R. & N. 2.
100% RAG PAPER-MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

+65
50.0

34.3

299+0
50.0

35.5

298+0
500

36.9

K. O. M. ✓ T. D.
R. E. F.
C. G. K.
W. G. H.

11 51
1 52
"
"

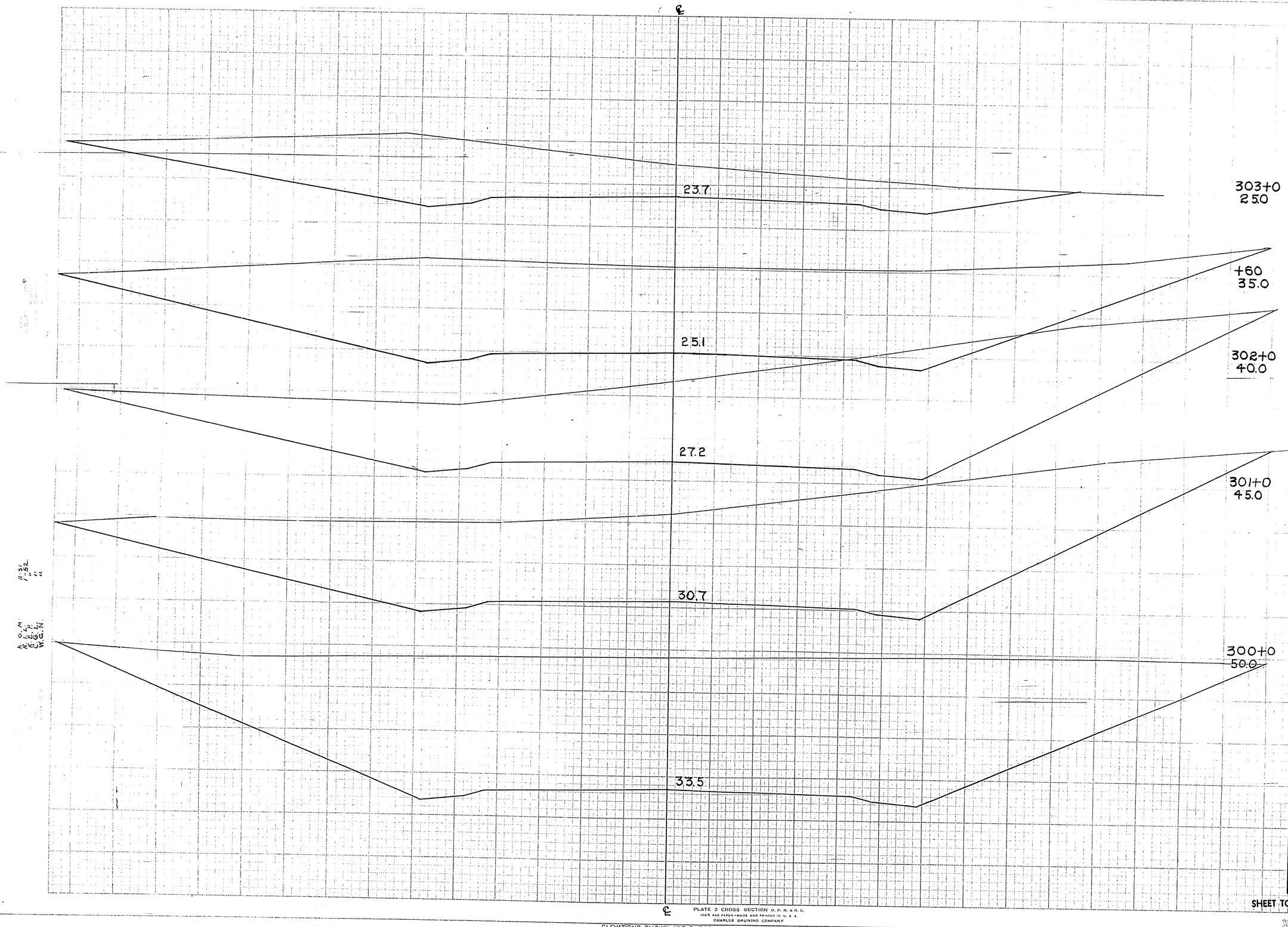
PLATE 3 CROSS SECTION O. P. R. & R. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	112	168

STATION	DISTANCE	YARDAGE				
		EXCAVATION				
		UNC.				FILL
297						
		5241				0
298						
		5688				0
299						
		4263				0
+65						
SHEET TOTAL		15192				0

ELEVATIONS SHOWN ARE SUBGRAD.



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. SN	F011-2(28)	113	168

STATION	DISTANCE	YARDAGE: EXCAVATION UNC.	YARDAGE: EXCAVATION	YARDAGE: FILL
299 +65	—	2298		0
300		5347		0
301		4321		0
302		2469		0
+60		1187		0
303				
SHEET TOTAL		15622		0

A.O.M.
1"=5'
H.E.=
V.E.=
W.C.N.

PLATE 3 CROSS SECTION O. P. R. & B. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

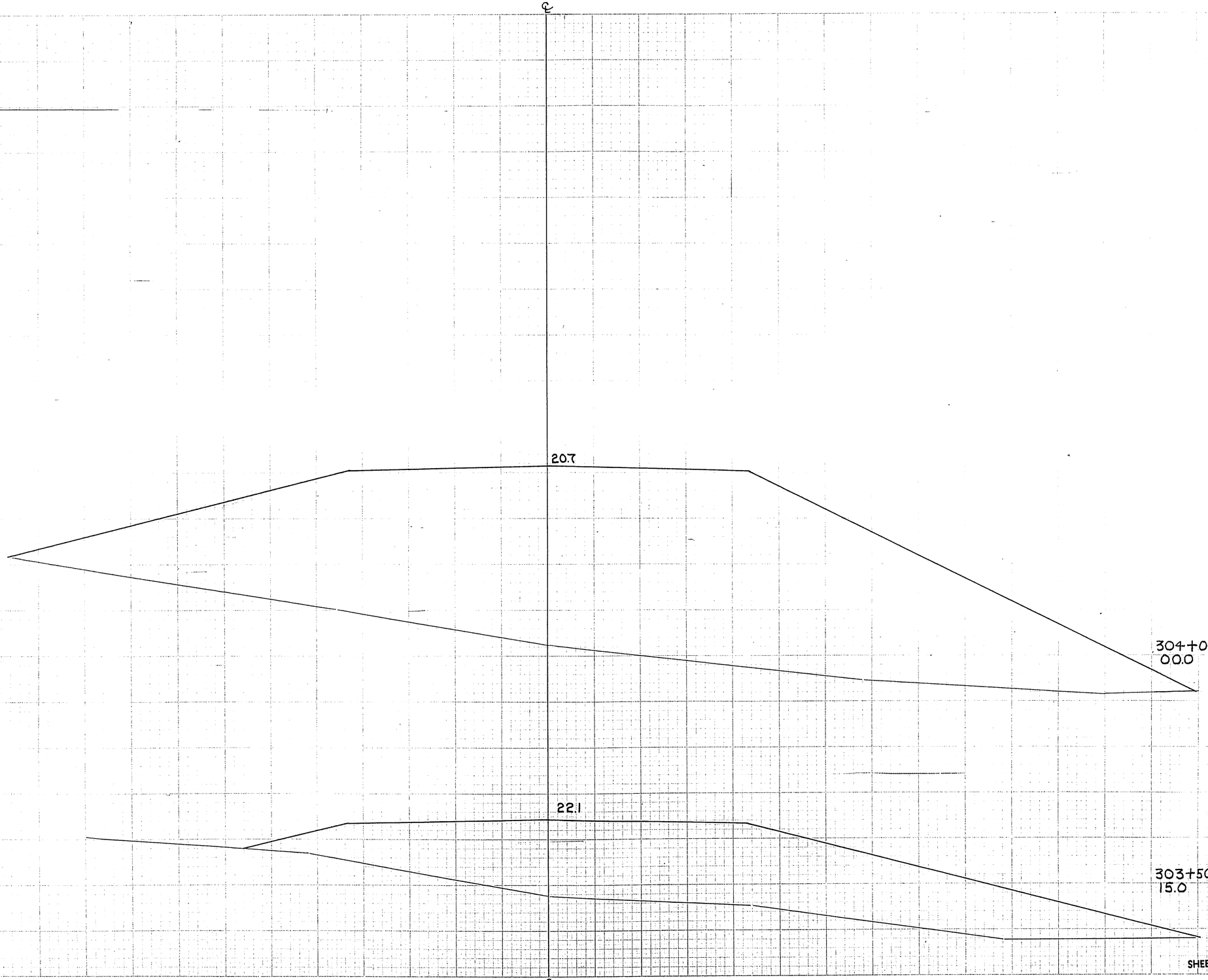
ELEVATIONS SHOWN ARE SUBGRAD.

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	114	168

K. O. M. 11-51.
R. L. F. 1"=52.
R. C. L. "
C. G. L. "

T.D.



STATION	DISTANCE	YARDAGE				
		EXCAVATION				
		UNC.				FILL
303						
+50		220				278
303+50		0				2083
304						
SHEET TOTAL		220				2361

℄

PLATE 3 CROSS SECTION U. P. N. & R. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

23.72

+40
25.0

22.3

308+0
15.0

20.0

307+0
10.0

℄

ELEVATIONS SHOWN ARE SUBGRADE

K.O.M.
R.E.F.
W.G.H.

11-57
1-58
2-58

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

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	116	168

STATION	DISTANCE	YARDAGE				
		EXCAVATION				FILL
		UNC.				
306		0				4967
307		0				2322
308		41				259
+40						
SHEET TOTAL		41				7548

ELEVATIONS SHOWN ARE SUBGRADE

℄

37.4

312+0
35.0

33.6

311+0
35.0

310+0
45.0

29.8

309+50
40.0

27.9

309+0
35.0

26.0

℄

ELEVATIONS SHOWN ARE SUBGRADE

K.O.M.H.
A.E.K.
W.H.W.
C.G.K.

11-31
1-32
11
11

PLATE 3 CROSS SECTION O.P.R.&R.C.
100% RAG PAPER—MADE AND PRINTED IN U.S.A.
CHARLES BRUNING COMPANY

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	117	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
308						
+40		1178				2
309		2078				0
+50		2454				0
310		3215				0
311		561				54
312						
SHEET TOTAL		9486				56

ELEVATIONS SHOWN ARE SUBGRADE

℄

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	118	168

48.8

46.9

45.0

43.9

41.2

K.O.M. 11-51
R.E.E. 1-32
W.G.N. "
" "

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
315+0	50.0					
+50	45.0					
314+0	40.0					
312						
		0				720
313						
		0				800
+70						
		0				304
314						
		41				94
+50						
313+0	35.0	250				0
315						
SHEET TOTAL		291				1918

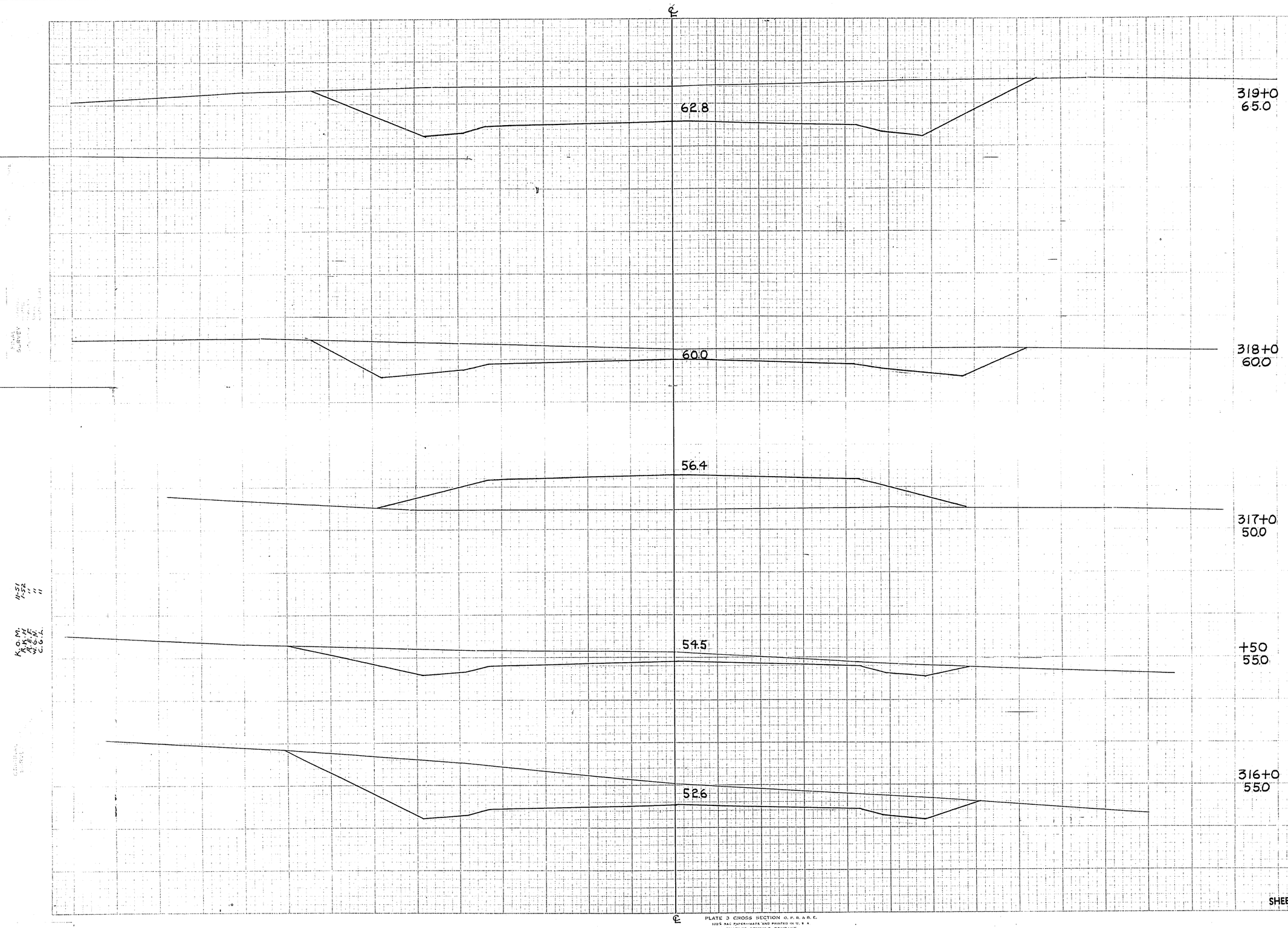
℄

PLATE 3 CROSS SECTION O. P. R. & B. C.
100% RAG PAPER-MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	119	168



STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
315						
	798					0
316						
	330					0
+50						
	57					157
317						
	193					256
318						
	996					0
319						
SHEET TOTAL		2374				413

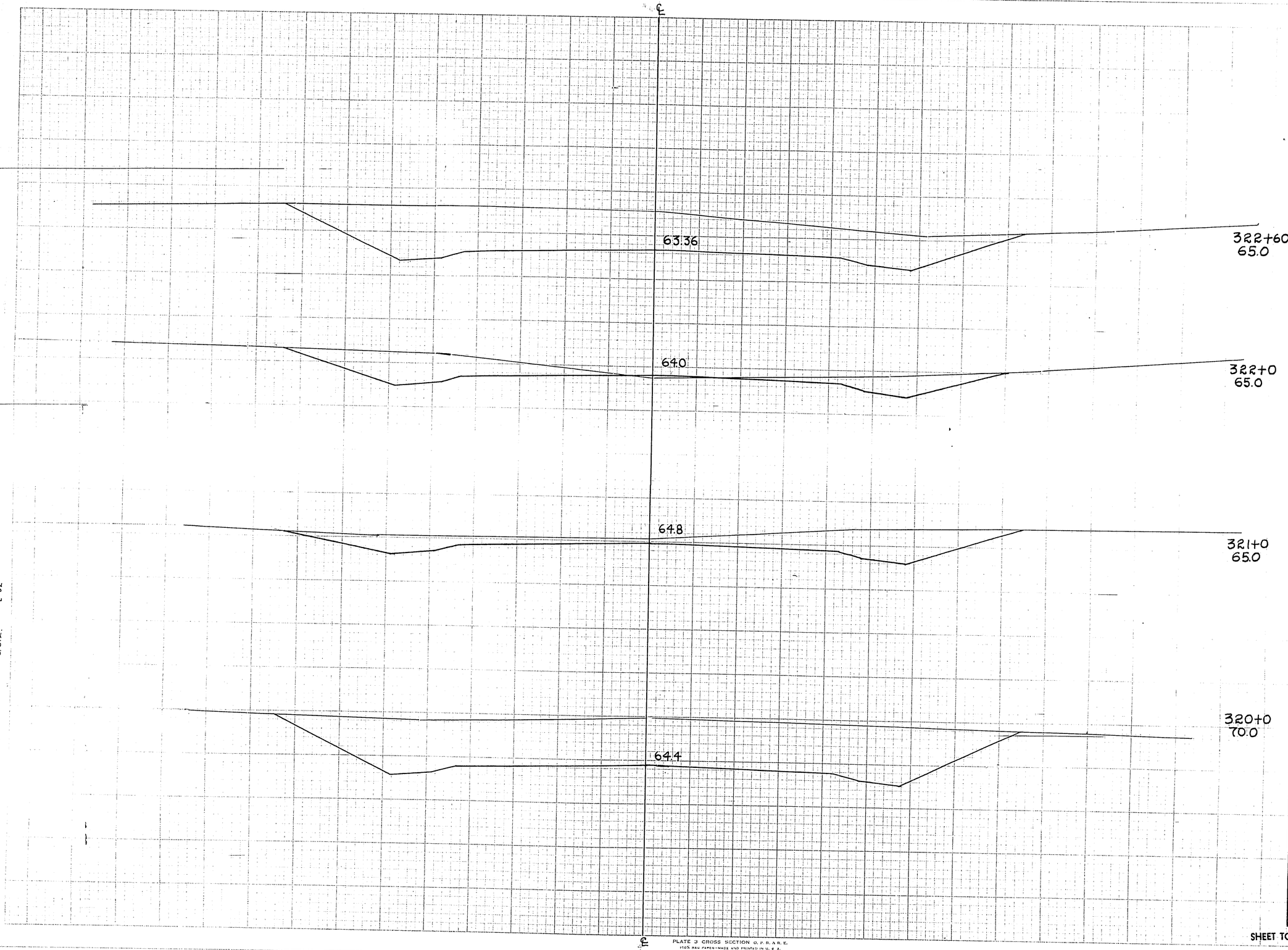
K.O.M.
R.E.H.
W.G.N.
C.G.L.

11-51
1-52
"
"

PLATE 3 CROSS SECTION O. P. R. & B. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	120	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
319						
	1444					0
320						
	1006					0
321						
	435					0
322						
	483					0
+60						
SHEET TOTAL	3368					0

K.O.M.
R.E.H.
C.L.W.
C.G.L.

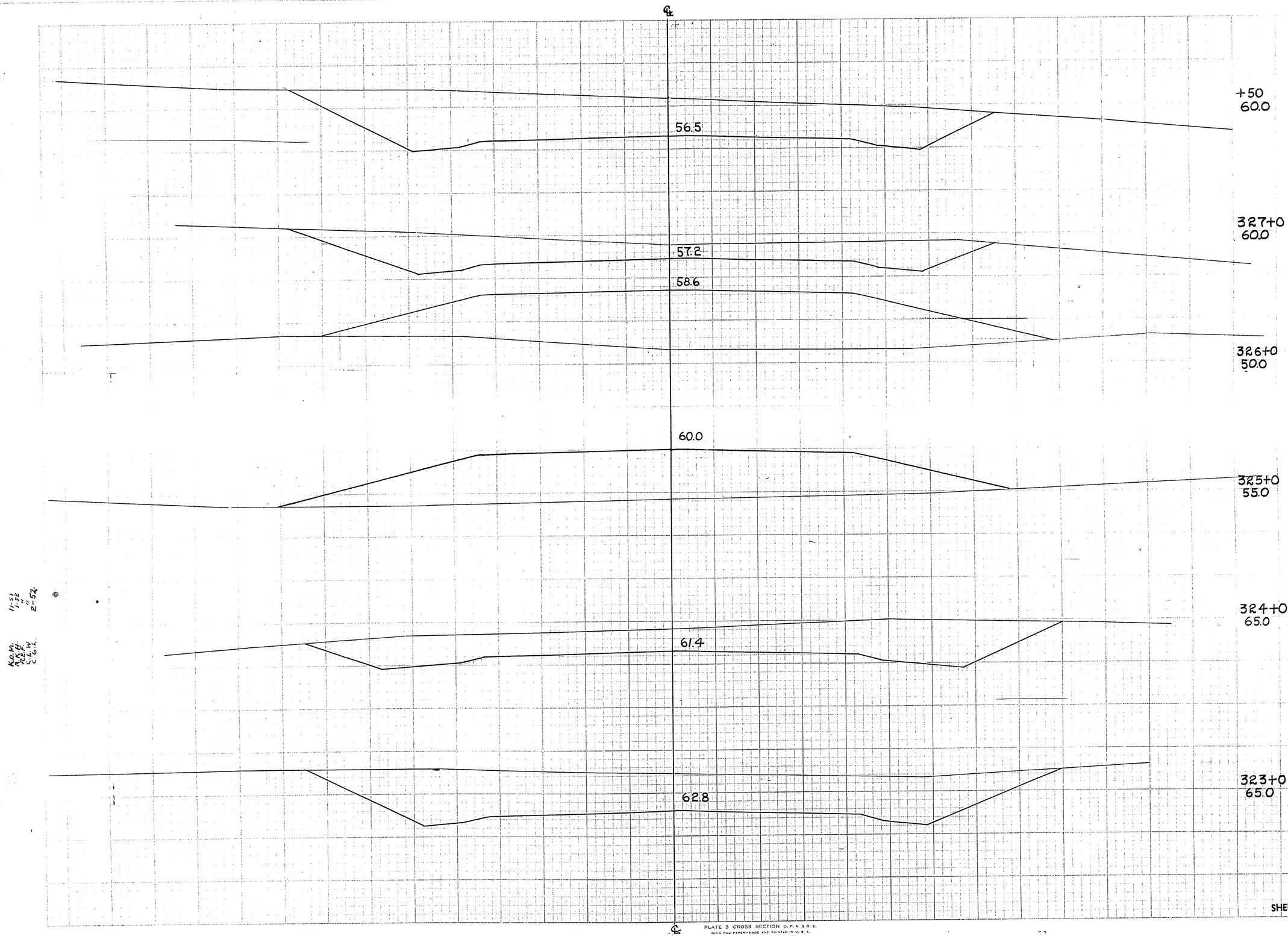
11-51
1-52
#
2-52

℄

PLATE 3 CROSS SECTION O. P. R. A. R. E.
100% RAG PAPER-MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	FOII-2(28)	121	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
322 +60		517				0
323		1196				0
324		256				326
325		0				1376
326		191				361
327		528				0
+50						
SHEET TOTAL		2688				2063

1-51
1-52
"
2-52.

K.A.M.
A.K.H.
J.L.W.
C.G.L.

PLATE 3 CROSS SECTION O. P. W. & R. C.
100% RAG PAPER-MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	122	168

52.58

+30
50.0

530

330+0
50.0

53.7

+50
45.0

54.4

329+0
50.0

55.8

328+0
55.0

K.O.M. 11-51
R.K.H. 1-52
C.L.W. "
C.G.L. R-32

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
327						
+50		202				85
328						
		0				967
329						
		0				865
+50						
		0				689
330						
		0				213
+30						
SHEET TOTAL		202				2819

℄

PLATE 3 CROSS SECTION C. P. R. & H. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	123	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
330						
+30		0				913
331		102				744
332		806				0
333		1946				0
334		1457				0
+50						
SHEET TOTAL		4311				1657

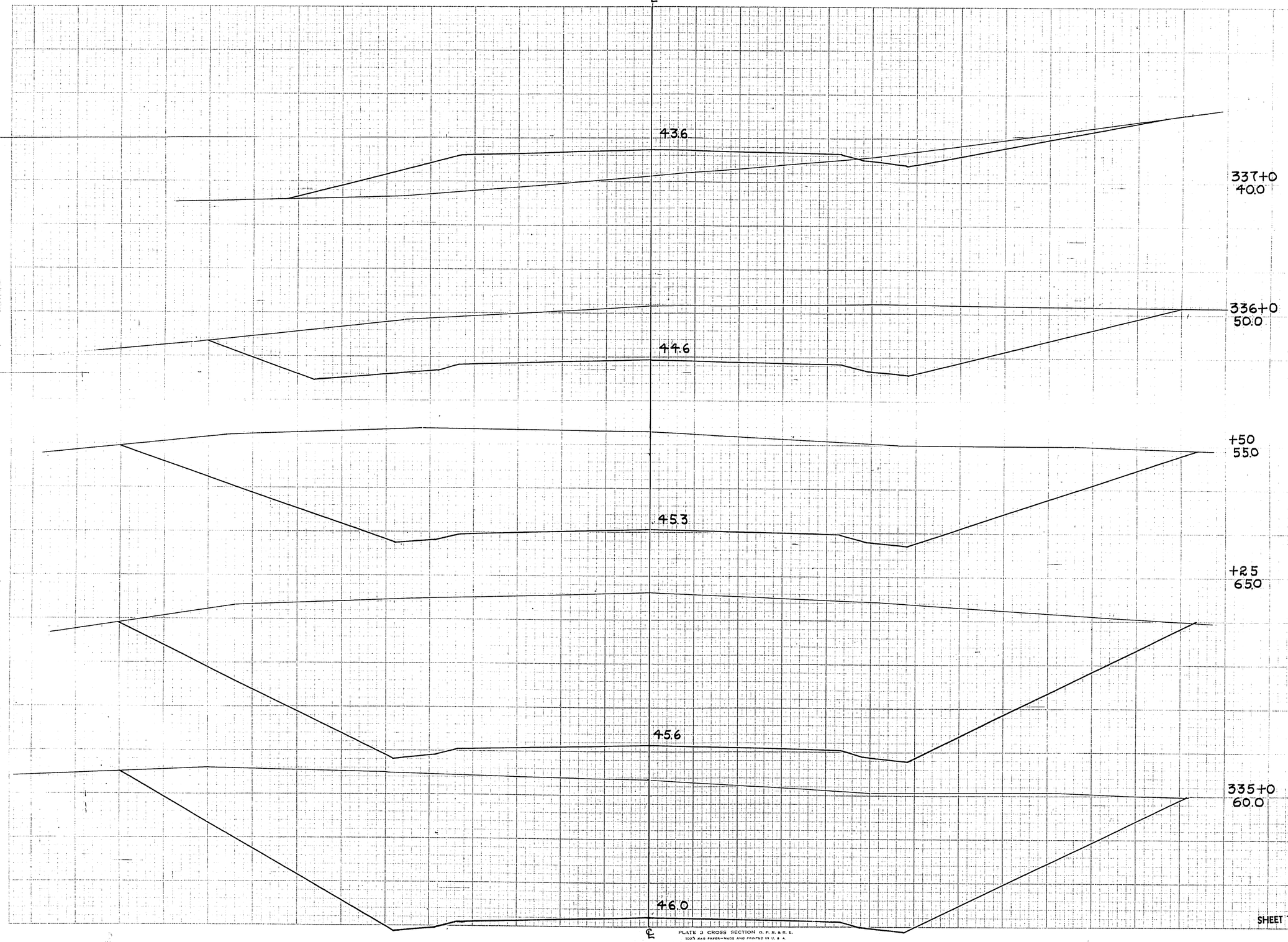
K.O.M.
R.E.P.
A.L.W.
C.G.L.

11-31
1-57
1-58
2-58

PLATE 3 CROSS SECTION ◆ F.H.A.R.E.
100% RAG PAPER-MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F0112(28)	124	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
334						
+50						
		2080				0
335						
		1420				0
+25						
		1230				0
+50						
		1519				0
336						
		1124				59
337						
SHEET TOTAL		7373				59

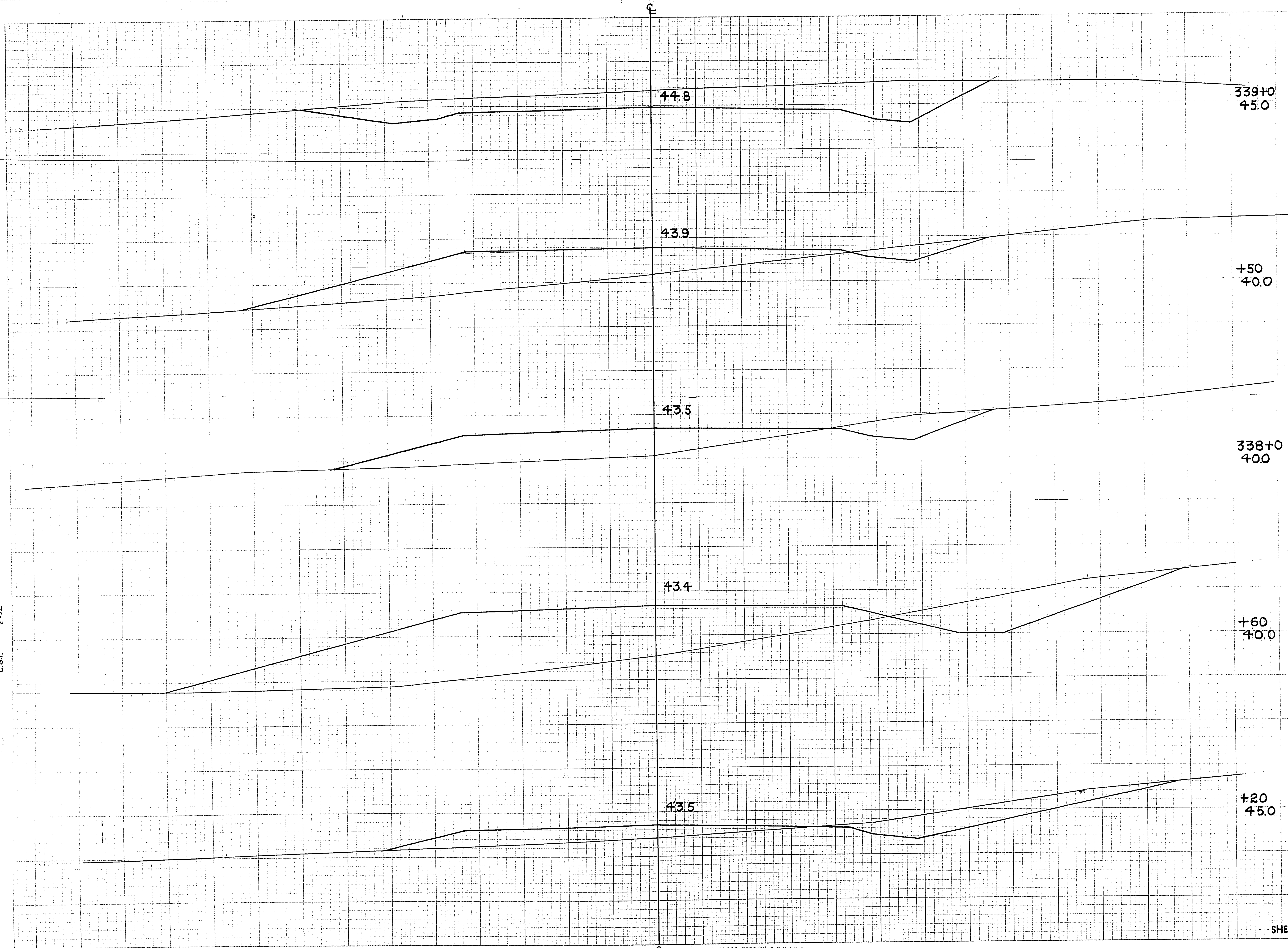
K.O.M. 11-31
R.E.F. 1-32
C.C.K. 2-32

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

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	125	168



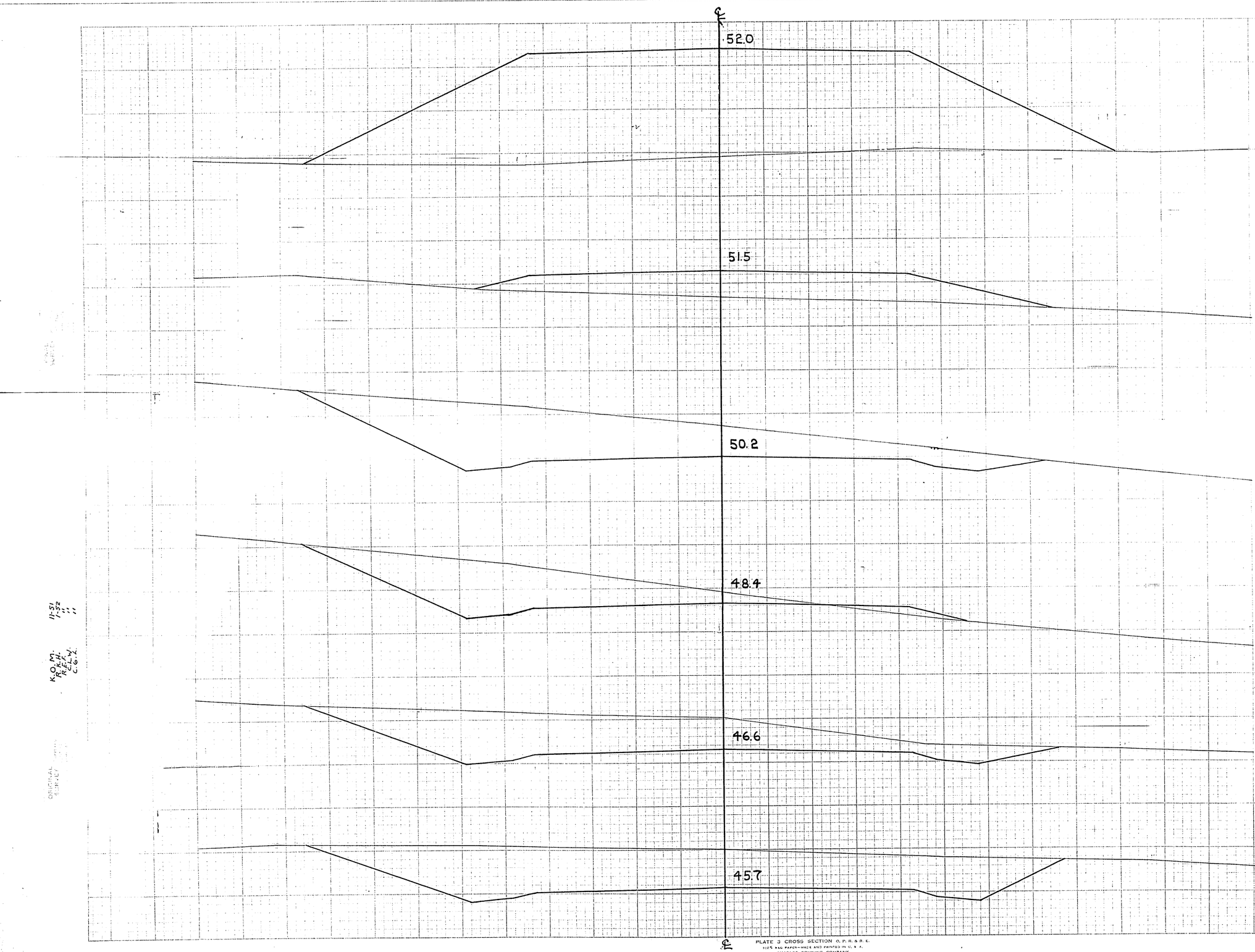
K.O.M. 11-51
R.K.H. 1-52
R.E.F. "
W.G.N. "
C.G.L. 2-52

STATION	DISTANCE	YARDAGE: EXCAVATION: UNC.				FILL
337						
		31				81
+20						
		104				315
+60						
		80				363
338						
		41				276
+50						
		176				65
339						
SHEET TOTAL		432				1100

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

ELEVATIONS SHOWN ARE SUBGRADE.

ELEVATIONS SHOWN ARE SUBGRADE



343+0
40.0

+70
50.0

342+0
55.0

341+0
50.0

340+0
50.0

+50
50.0

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	126	168

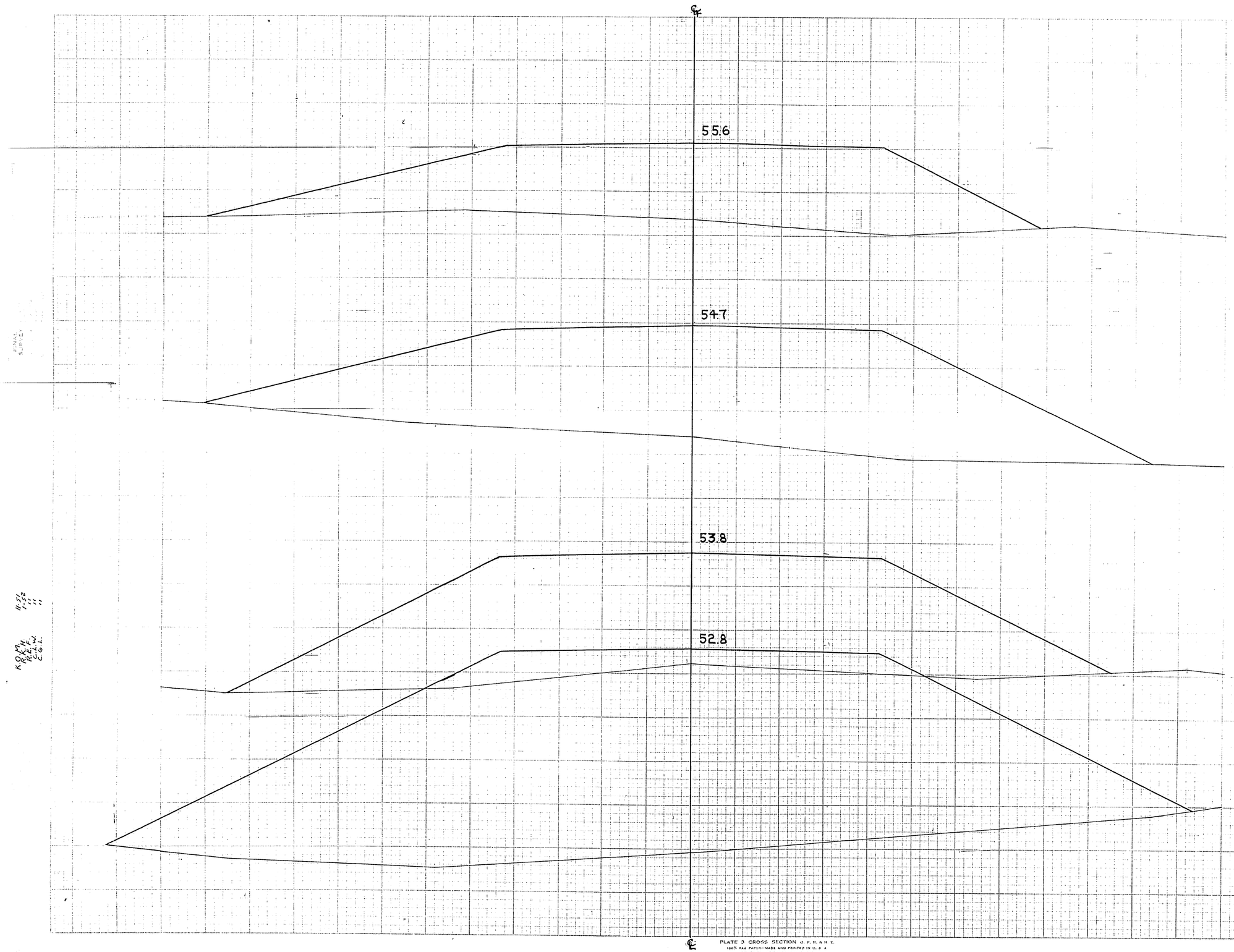
STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
339						
	493					0
+50						
	581					0
340						
	835					7
341						
	917					15
342						
	289					194
+70						
	0					544
343						
SHEET TOTAL	3115					760

K.O.M. 11-51
R.K.H. 1-52
R.E.Y. "
C.G.Y. "

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

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	127	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
343						
	0					2293
+45						
	0					2959
344						
	0					1808
+50						
	0					1435
345						
SHEET TOTAL	0					8495

KOLM
REEH
CLW
CGL

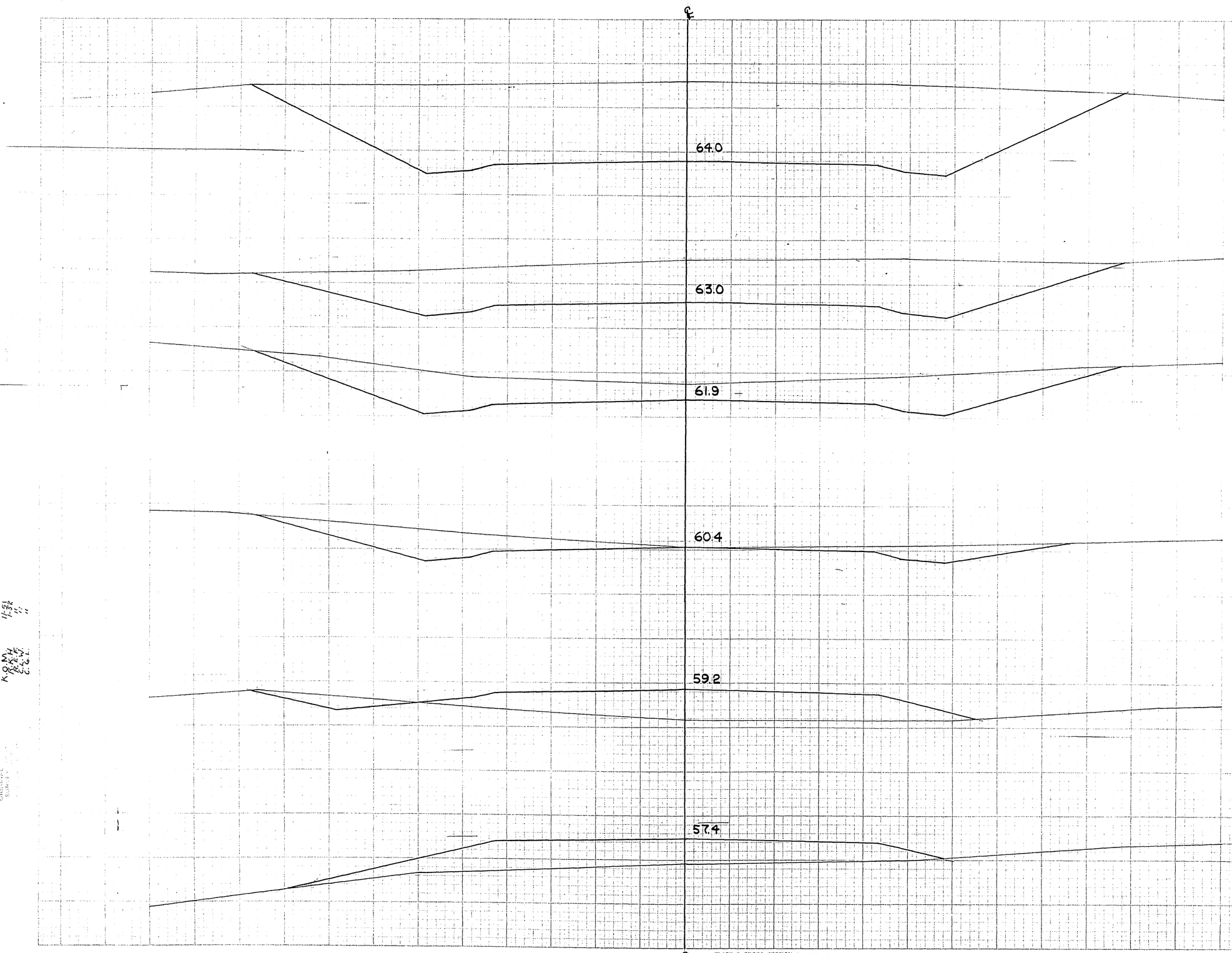
11-51
1-52
"
"

℄

PLATE 3 CROSS SECTION U. P. R. A. N. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



351+0
70.0

350+0
70.0

349+0
65.0

348+0
60.0

347+0
55.0

346+0
55.0

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	128	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
345						
		0				1372
346						
		13				567
347						
		224				163
348						
		680				0
349						
		1237				0
350						
		2130				0
351						
SHEET TOTAL		4284				2102

K.O.M.
R.K.H.
E.J.W.
C.G.L.

11-51
1-52
"
"

PLATE 3 CROSS SECTION C. P. R. S. H. C.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

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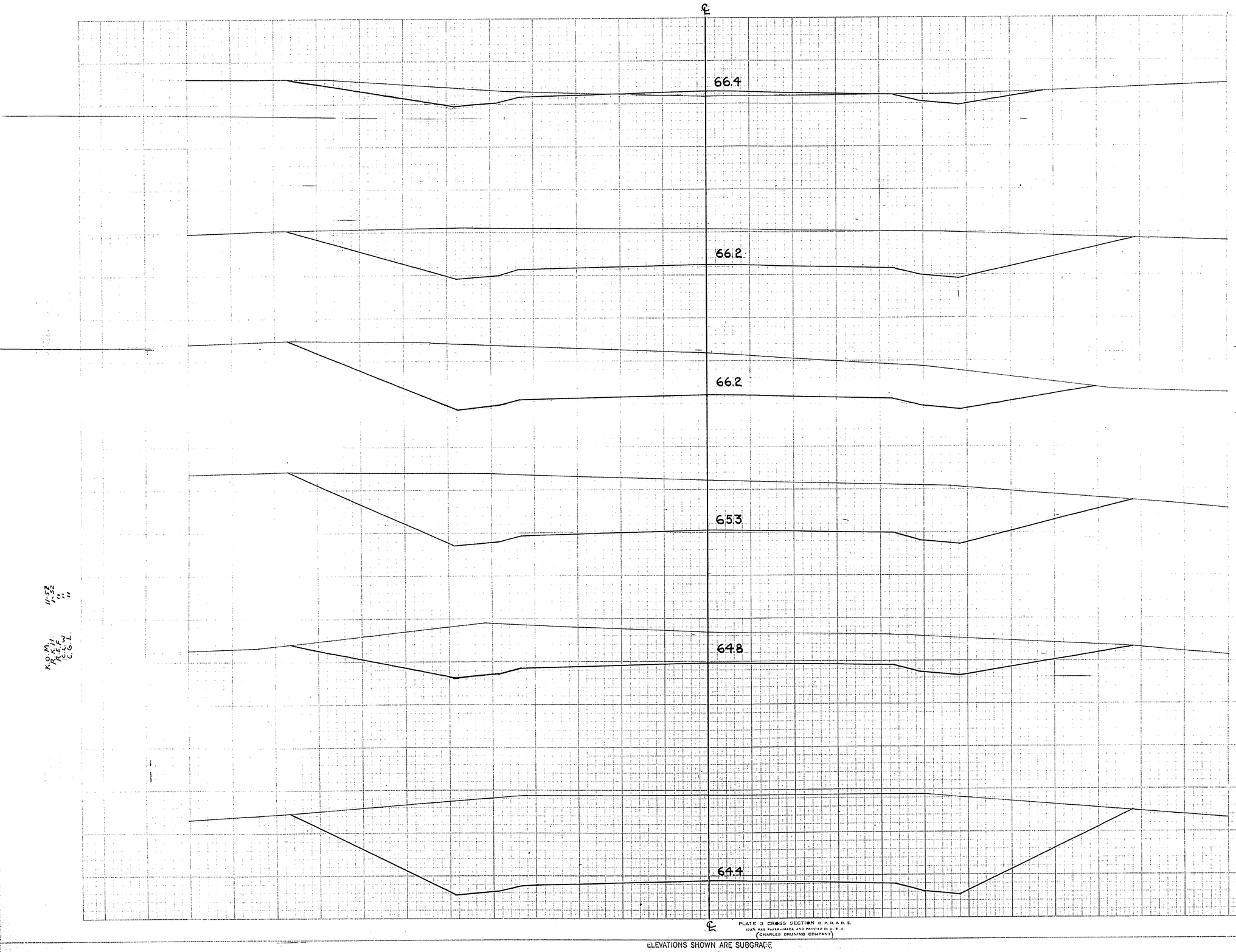


P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. SN	F011-2(28)	129	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
356+0	65.0					
355+0	70.0					
354+0	70.0					
353+0	70.0					
352+0	70.0					
351						
+60		1746				0
		872				0
352		1607				0
353		1730				0
354		1474				0
+60	75.0					
355		796				6
356						
SHEET TOTAL		8225				6

11-58
1-32
" "
" "

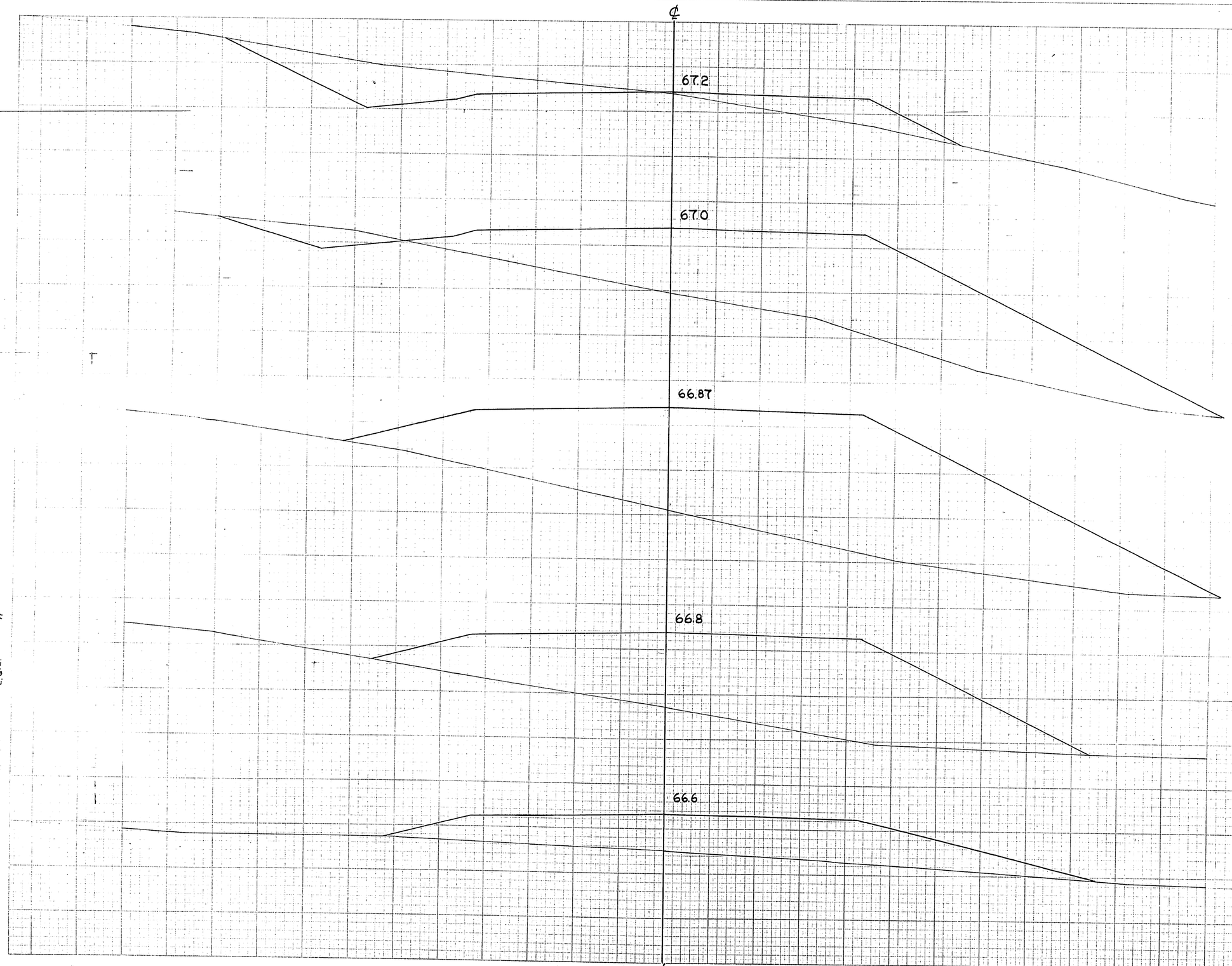
K.O.M.
R.E.H.
C.L.W.
C.G.L.

℄

PLATE 3 CROSS SECTION O.P.R.A.R.E.
100% RAG PAPER—MADE AND PRINTED IN U.S.A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	130	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
360+0	65.0					
359+0	60.0					
+35	55.0					
358+0	60.0					
357+0	65.0					
356		44				474
357		0				1431
358		0				898
+35		9				1711
359		241				1137
360						
SHEET TOTAL		294				5651

K.O.M. 11-51
R.E.H. 1-52
R.E.W. "
C.G.L. "

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

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

68.2

68.0

67.8

67.6

67.4

67.3

TOWN ROAD PROFILE

365+0
70.0

364+0
75.0

363+0
75.0

362+0
70.0

361+0
70.0

+50
70.0

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. SN	F011-2(28)	131	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
360						
	209					65
+50						
	281					4
361						
	822					0
362						
	1356					0
363						
	1628					0
364						
	1189					0
365						
SHEET TOTAL		5485				69

K.O.M. 11-51
K.R.K.H. 2-52
R.E.H. "
W.C.G. "

PLATE 3 CROSS SECTION U. P. R. S R. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

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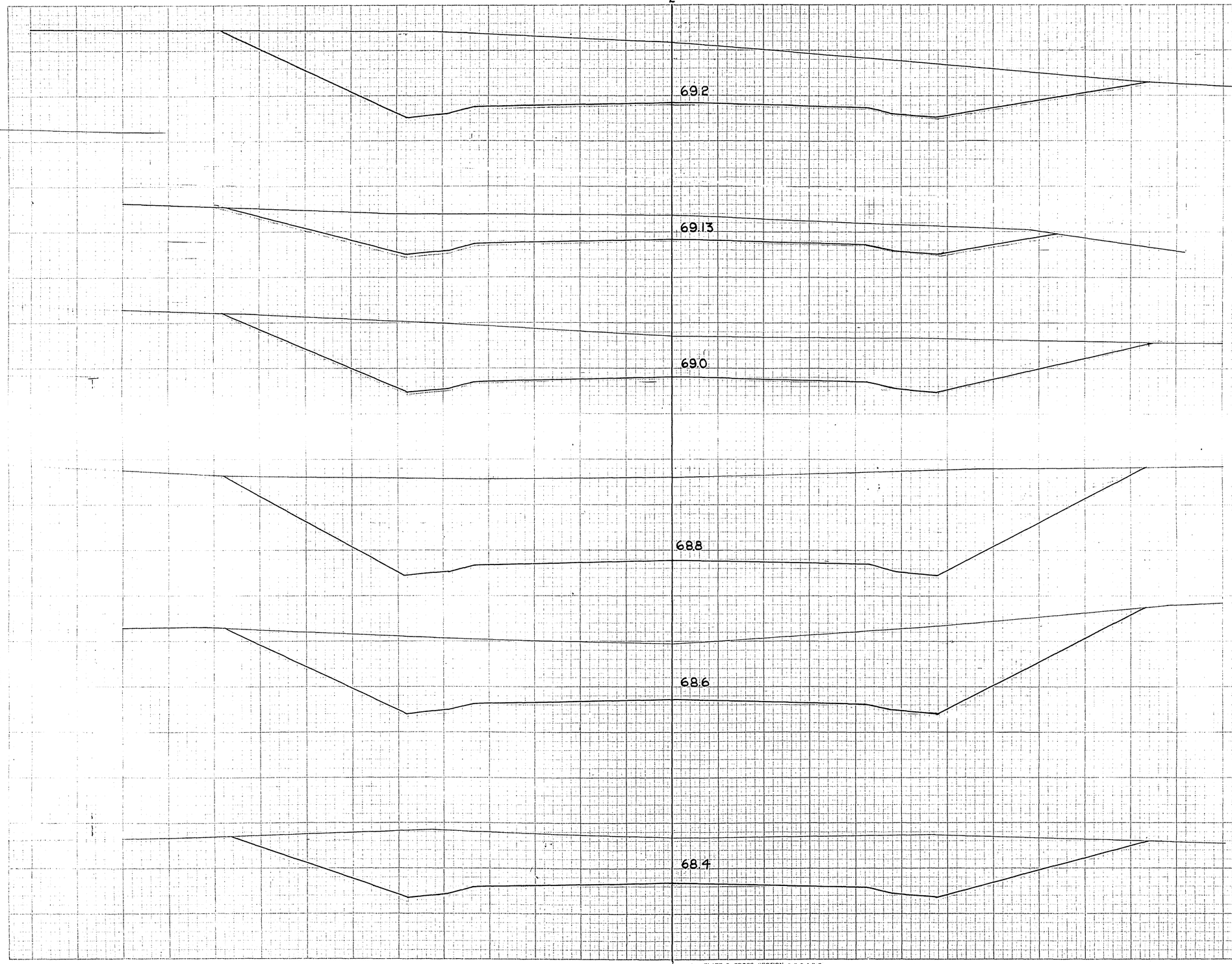
ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	132	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
365						
		1324				0
366						
		2026				0
367						
		2633				0
368						
		2346				0
369						
		831				0
+65						
		519				0
370						
SHEET TOTAL		9679				0

K.O.M.
R.E.H.
C.G.L.

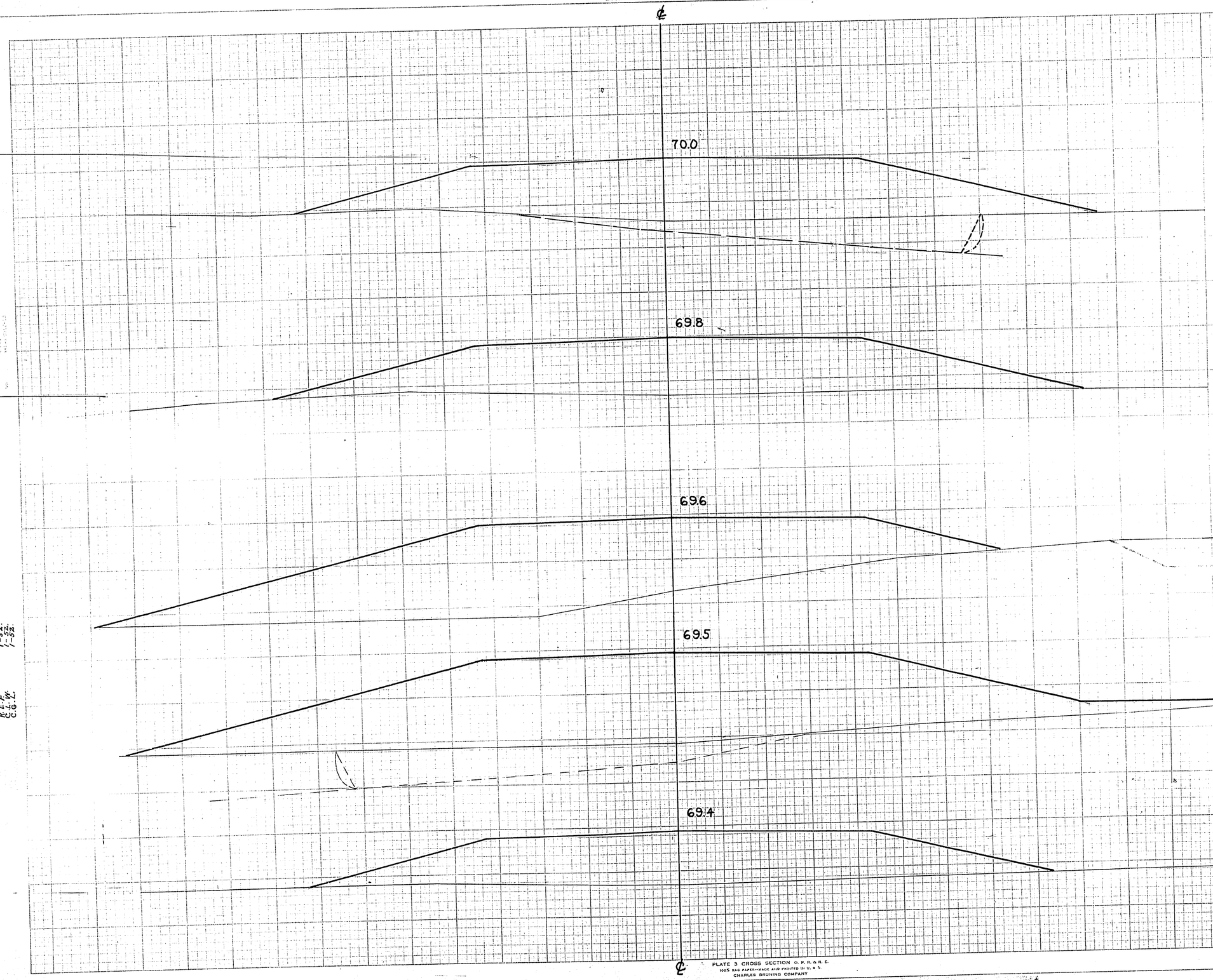
11-51
V-52
"
"

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

℄

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. SN	F011-2(28)	133	168

STATION	DISTANCE	YARDAGE EXCAVATION U.N.C.			FILL
370		735			256
371	0				1006
+50	0				1254
372	0				1859
373	0				1500
374					
SHEET TOTAL		735			5875

FINAL SURVEY ADDED SOILS SHEET

K.O.M. 11-51
H. 1-52
K.E.W. 1-52
C.G.L. 1-52

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

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

70.6

70.4

70.3

70.2

70.1

℄

K.O.M. - W.G.N. 11-51
R.K.K. 1-52
R.E.W. 1-52
C.G.L. 1-52

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	13A	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
377+0	65.0					
376+0	65.0					
375+50	65.0					
375+0	65.0					
374						
	0					872
+50						
	0					954
375						
	0					956
+50						
+50	65.0					
	0					983
376						
	0					1450
377						
SHEET TOTAL		0				5215

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

℄

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

70.5

70.8

70.9

70.8

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. SN	F011-2(28)	135	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.			FILL
	+50				
	70.0				
	379+0				
	75.0				
	+60				
	75.0				
377		331			226
378	378+0	962			0
+60	75.0	606			0
379		607			0
+50					
SHEET TOTAL		2506			226

K. O. M. 11-51
P. K. H. W. G. N. 1-52
C. E. W. 1-52
C. G. L. 1-52

℄

PLATE 3 CROSS SECTION O. P. P. A. R. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
W/S. 5N	F011-2(28)	136	168

67.8

+50
80.0

68.8

381+0
75.0

69.7

+50
75.0

70.1

380+0
75.0

STATION	DISTANCE	YARDAGE EXCAVATION UNC.	YARDAGE FILL
379			
+50		744	0
380		759	0
+50		1052	0
381		1469	0
+50			
SHEET TOTAL		4024	0

K. D. M. - WG-N. 11-57.
R. E. F. 1-1-52.
C. G. W. 1-1-52.

℄

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

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

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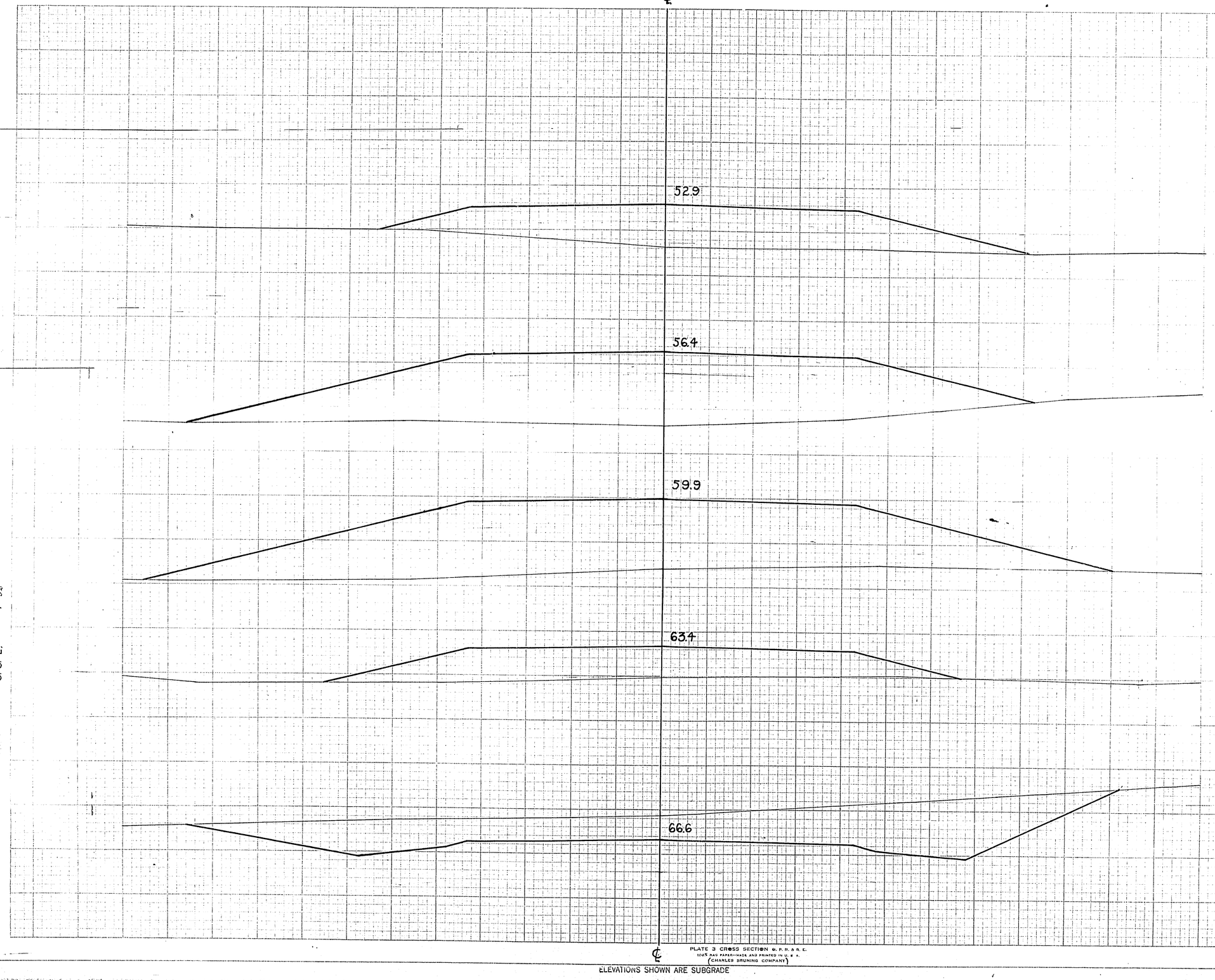


386+0
50.0

385+0
50.0

384+0
50.0

383+0
60.0

382+0
70.0

K. O. M. 11-57
R. E. W. G. N. 1"=5'-32
R. E. W. 1"=5'-32
C. G. L. 1"=5'-32

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. SN	F011-2(28)	137	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
381 +50		1120				0
382		378				178
383		0				1448
384		0				2052
385		0				1396
386						
SHEET TOTAL		1498				5074

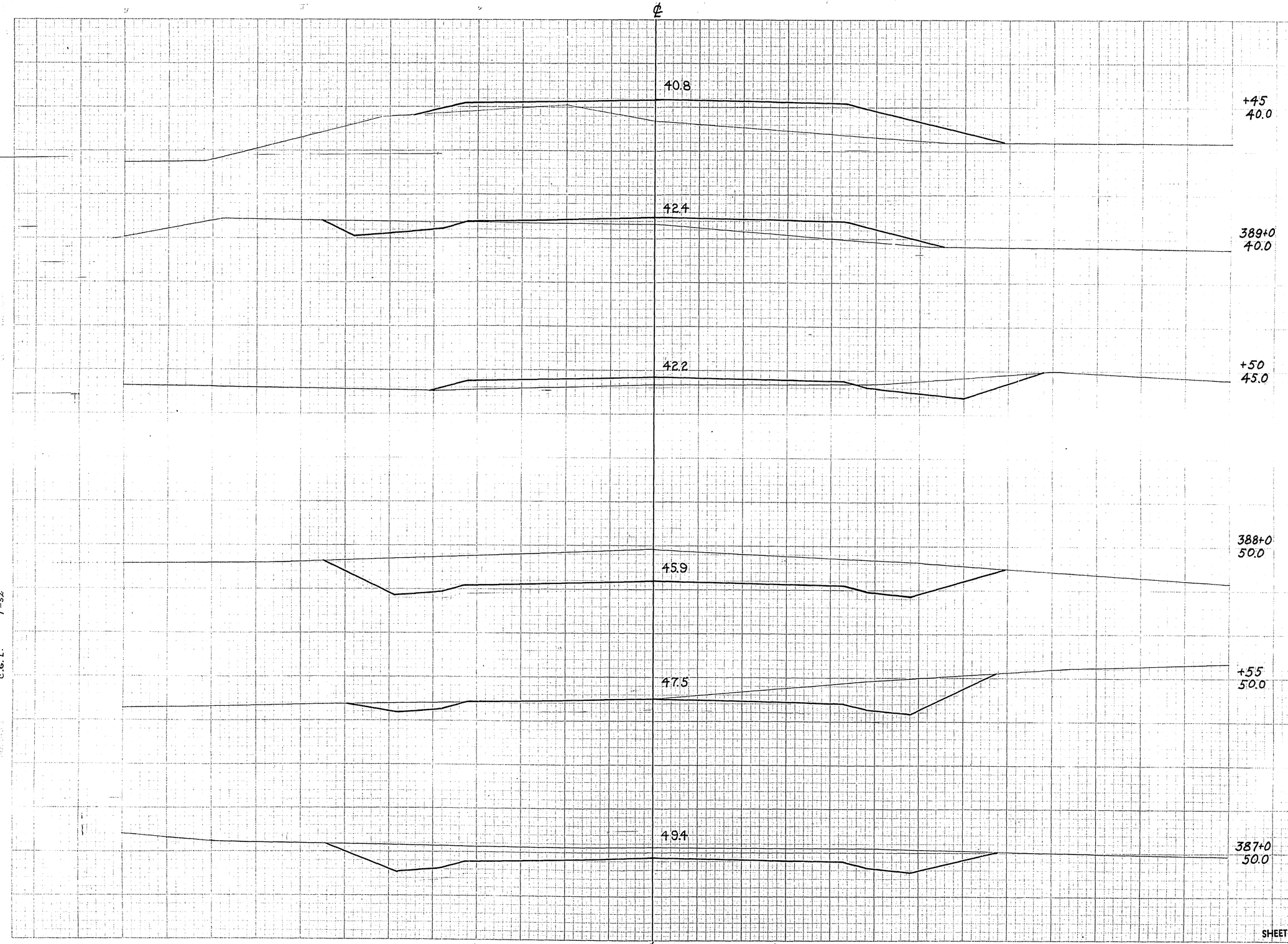
℄

PLATE 3 CROSS SECTION U. P. R. R. & R. E.
100% RAG PAPER MADE AND PRINTED IN U. S. A.
(CHARLES BRUNING COMPANY)

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	138	168



STATION	DISTANCE	YARDAGE EXCAVATION UNC.			FILL
386					
		109			263
387					
		198			0
+55					
		265			0
388					
		241			13
+50					
		31			78
389					
		13			148
+45					
SHEET TOTAL		857			502

K. O. M. 11-51
R. E. F. 1-52
C. L. W. 1-52
C. S. L. 1-52

FINAL SURVEY PLOTTED

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

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

32.1

32.6

33.5

35.9

38.9

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
W/S. 5N	F011-2(28)	139	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.	YARDAGE EXCAVATION	YARDAGE FILL
393+0	30.0			
+55	30.0			
392+0	30.0			
389				
+45		0		257
390				
391+0	35.0	0		367
391				
		0		319
392				
		6		235
+55				
		22		185
393				
390+0	35.0			
SHEET TOTAL		28		1363

K.O.M. 11-5-52
R.K.H. 1-9-53
R.F.K. 1-23-53
C.K.H. 1-30-53

PLATE 3 CROSS SECTION O. P. R. A. R. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

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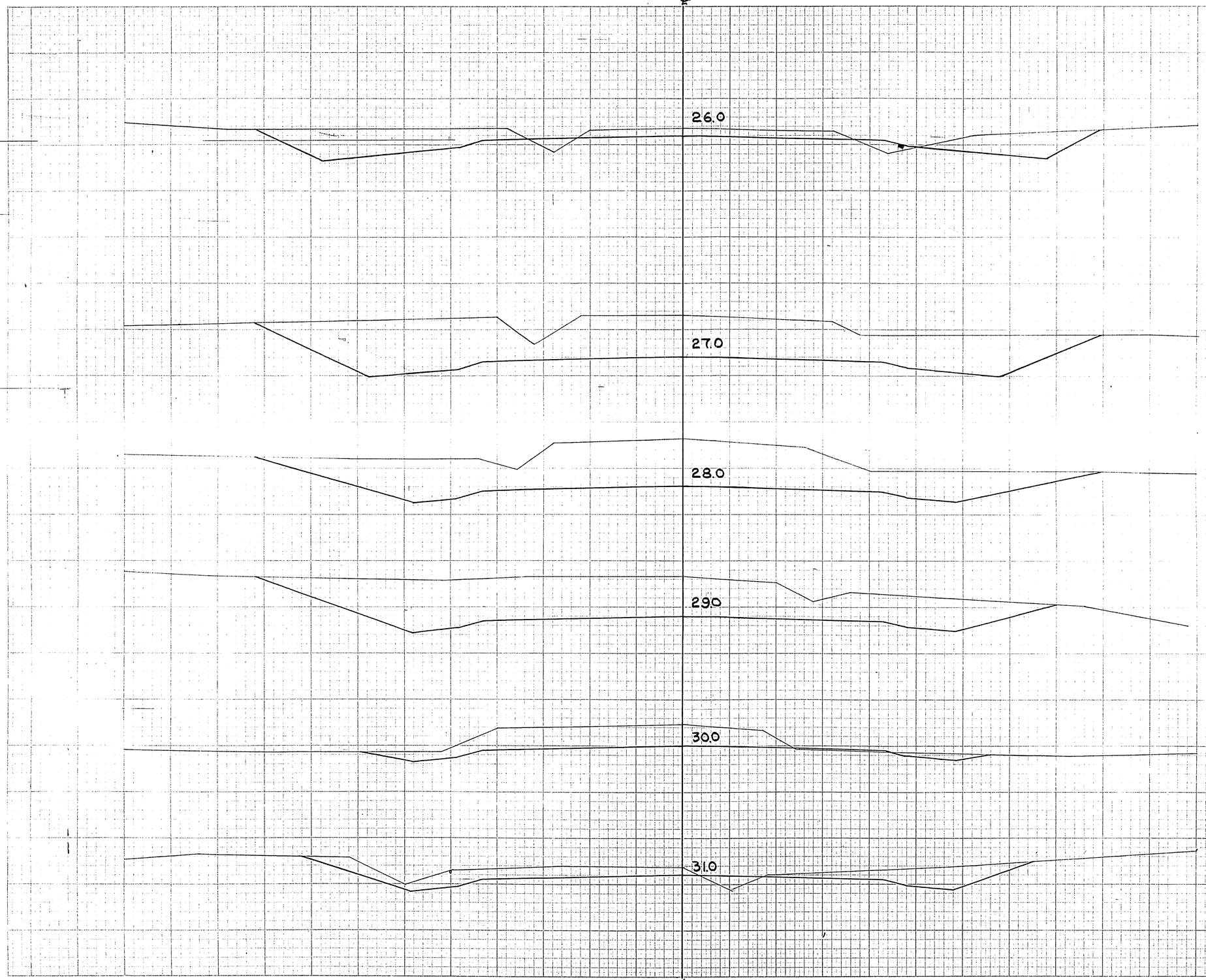
ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	140	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
393	176					183
394	309					17
395	737					0
396	1135					0
397	1211					0
398	865					0
399						
SHEET TOTAL	4433					200

11-51
1-9-52
1-22-52
1-23-52

R.K. Q. P.I.D.
C.E.W.F.
R.K.H.

PLATE 3 CROSS SECTION O. P. R. & R. E.
100% ALL PHOTOPRINT AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

27.8

404+0
25.0

26.6

403+0
20.0

25.4

402+0
20.0

24.9

401+0
20.0

24.9

+60
20.0

25.0

400+0
20.0

K.O.M. 11-51
R.R.E. 1-52
C.G.N. 1-52
W.G.N. 1-52

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. SN	F011-2(28)	141	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
399						
		85				496
400						
		0				0
+60						
		0				1043
401						
	+60	0				1109
402	20.0					
		0				1289
403						
		0				1339
404						
SHEET TOTAL		85				5276

℄

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

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

32.6

408+0
40.0

31.4

407+0
35.0

31.2

+80
35.0

30.2

406+0
30.0

29.0

405+0
25.0

K.O.M.V/R.I.L. 11-51
R.K.H. 1-9-52
C.C.L.F. 1-52
W.G.N. 1-52

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
W/S. 5N	F011-2(28)	142	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
404						
	0					881
405						
	246					307
406						
	537					69
+80						
	130					11
407						
	1580					0
408						
SHEET TOTAL		2493				1268

℄

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

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

35.5

412+0
35.0

35.0

411+0
40.0

410+0
40.0

34.3

+50
40.0

34.0

409+0
40.0

33.6

K.D.M.
R.I.L.
K.E.E.
C.G.L.
W.G.N.

11-51
1-52
1-52
1-52

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. SN	F011-2(28)	143	168

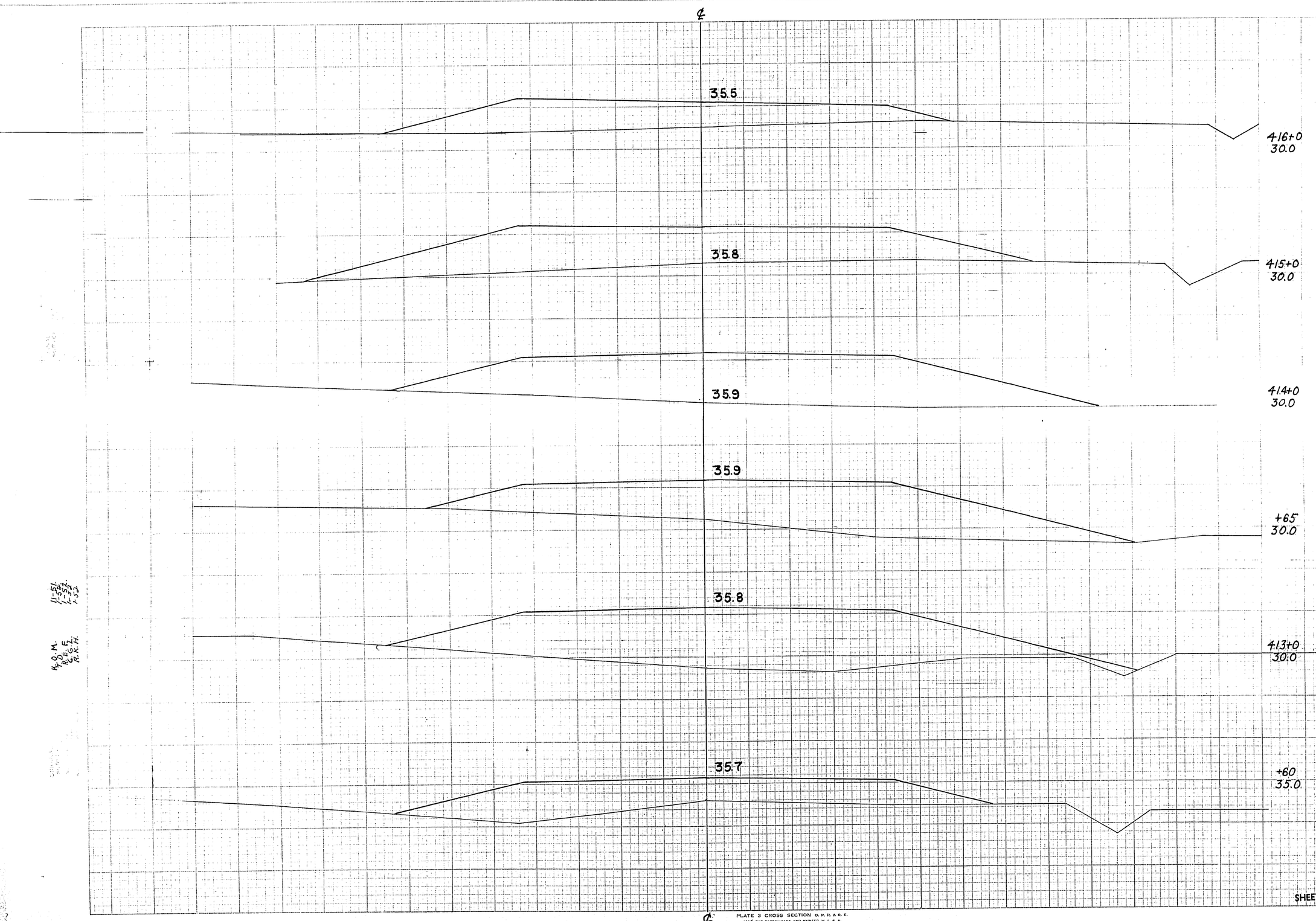
STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
408						
		2346				0
409						
		1094				0
+50						
		1167				0
410						
		1878				0
411						
		711				15
412						
SHEET TOTAL		7196				15

℄

PLATE 3 CROSS SECTION D. P. R. & R. C.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. SN	F011-2(28)	144	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
412		52				241
+60		0				444
413		0				865
+65		0				430
414		0				1183
415		0				854
416						
SHEET TOTAL		52				4017

11-51.
1-52.
1-52
1.52

W. O. M.
R. E. F.
G. G. H.
R. K. H.

℄

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

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	145	168

℄

34.6

419+0
35.0

34.9

418+0
35.0

35.2

417+0
30.0

35.29

416+70
30.0

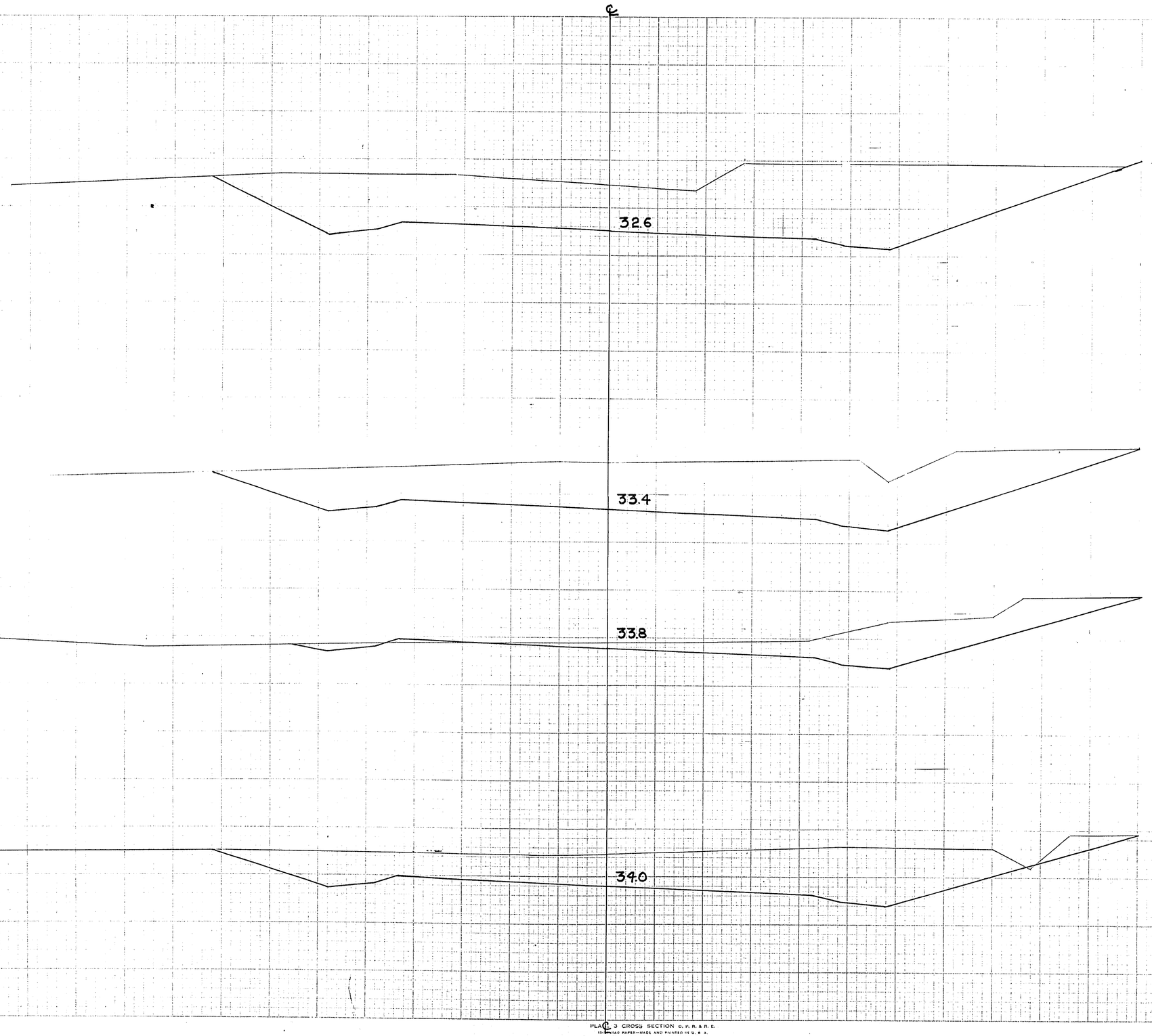
K.O.M. 11-57
R.E.F. 1-3-58
R.G.F. 1-30-58
W.G.N. 2-5-58
C.L.W.

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
416						
+70		0				650
417		0				324
		107				485
418		839				4
419						
SHEET TOTAL		946				1463

PLAT 3 CROSS SECTION O.P.R.S.R.E.
TRACED FROM PRINT MADE AND PRINTED IN U.S.A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	146	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
419		1178				0
420		391				0
+50		522				0
421						
+03		1689				0
422						
+05						
SHEET TOTAL		3780				0

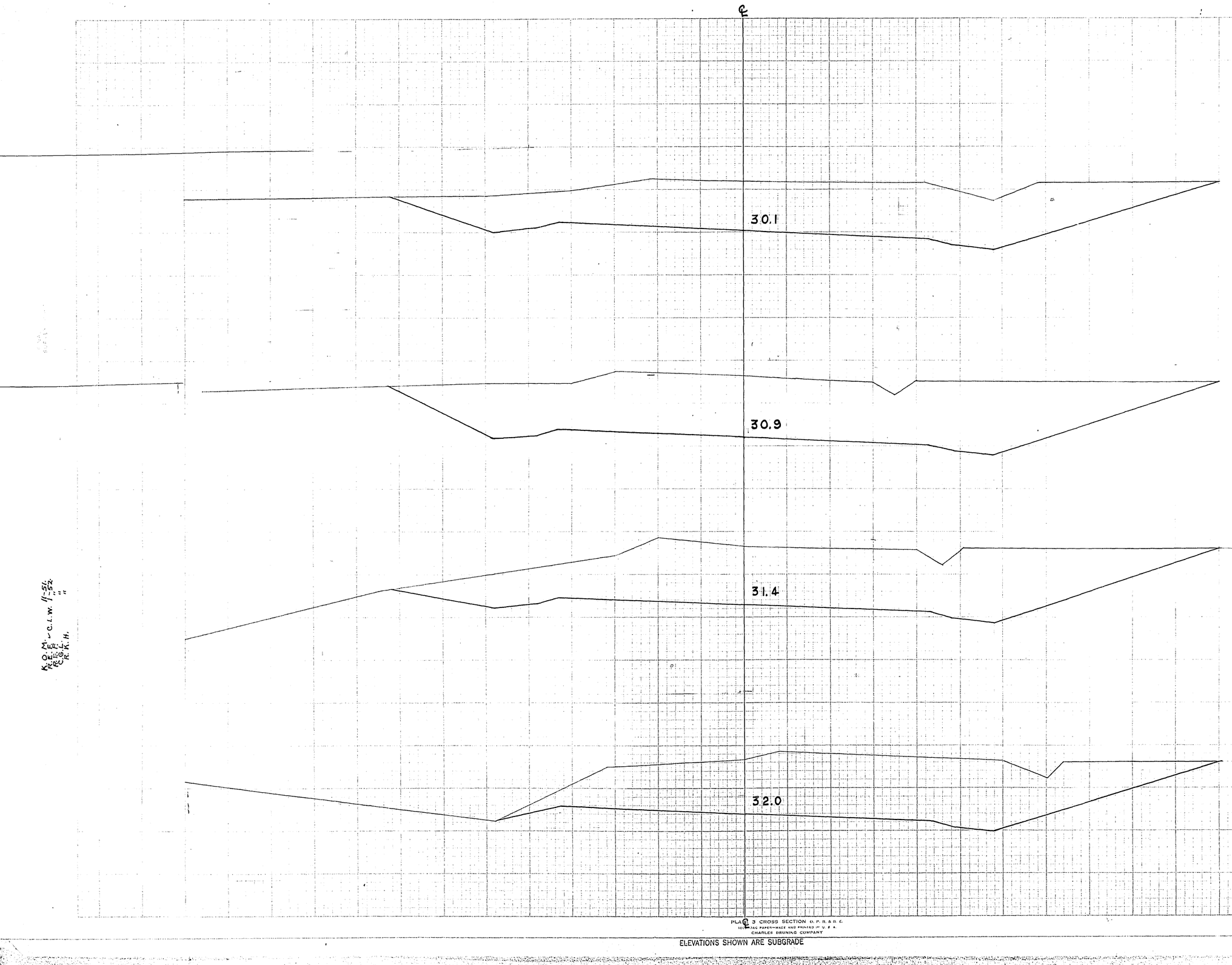
K.O.M. 11-51
R.E.F. 1-52
C.G.L. 1-52
W.G.N.

PLAN & CROSS SECTION C. P. R. & R. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	147	168



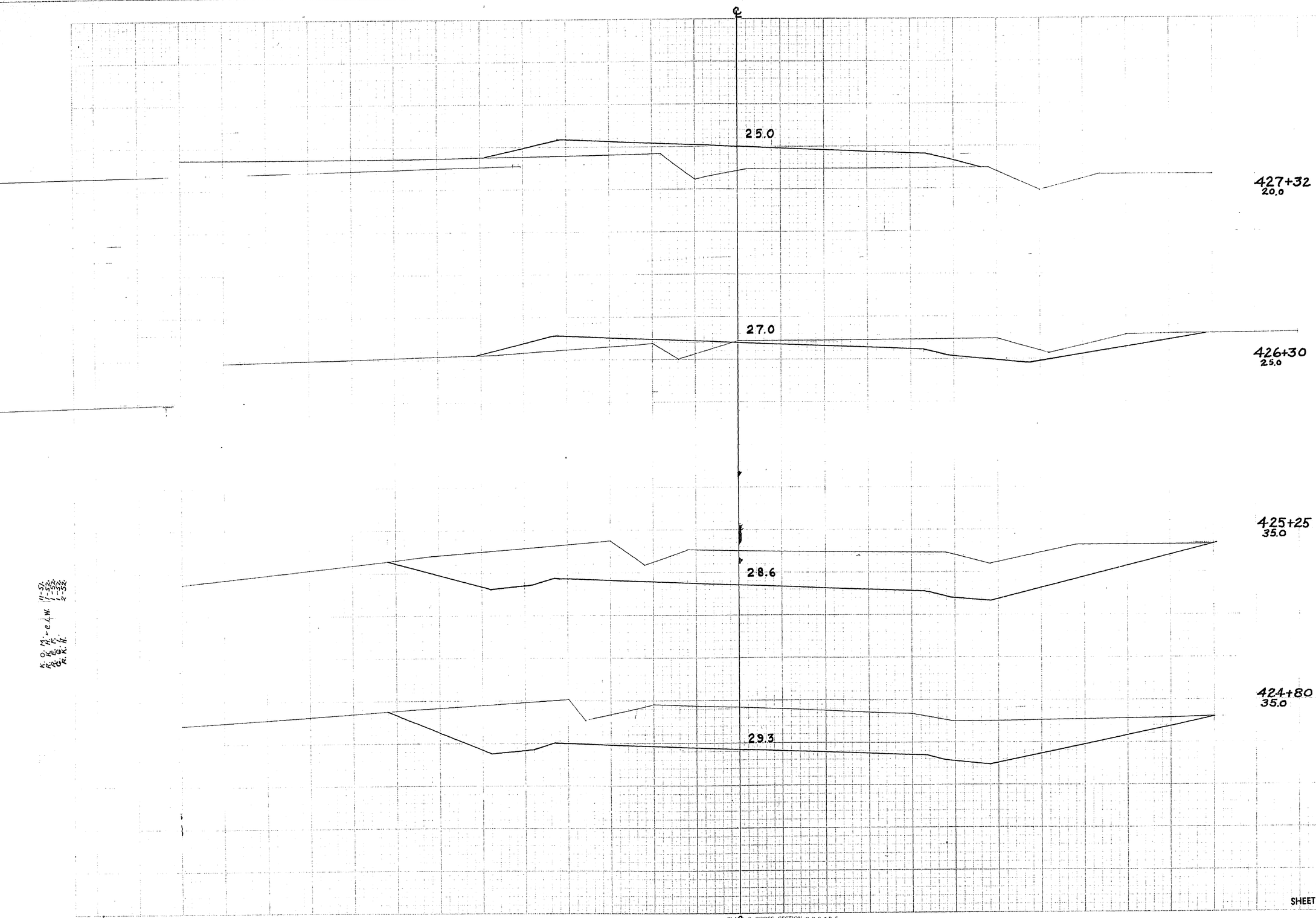
STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
422 +05		924				0
+60		893				0
423 +12		978				0
+62		1061				0
424 +20						
SHEET TOTAL		3856				0

K.O.M. - C.L.W. 11-51
R.E.E. " 11-52
C.S.K. "
R.K.H.

PLATE 3 CROSS SECTION O. P. R. & R. C.
100% RAG PAPER MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE.



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	FD11-2(22)	148	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
424						
+20		902				0
+80		594				0
425						
+25		772				17
426						
+30		56				263
427						
+32						
SHEET TOTAL		2324				280

K. O. M. 11-52.
R. K. E. & W. 1-52, 1-52, 2-52.
R. K. F. 1-52.
R. K. H. 2-52.

PLAT 3 CROSS SECTION O. P. R. & R. E.
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CHARLES BRUNING COMPANY

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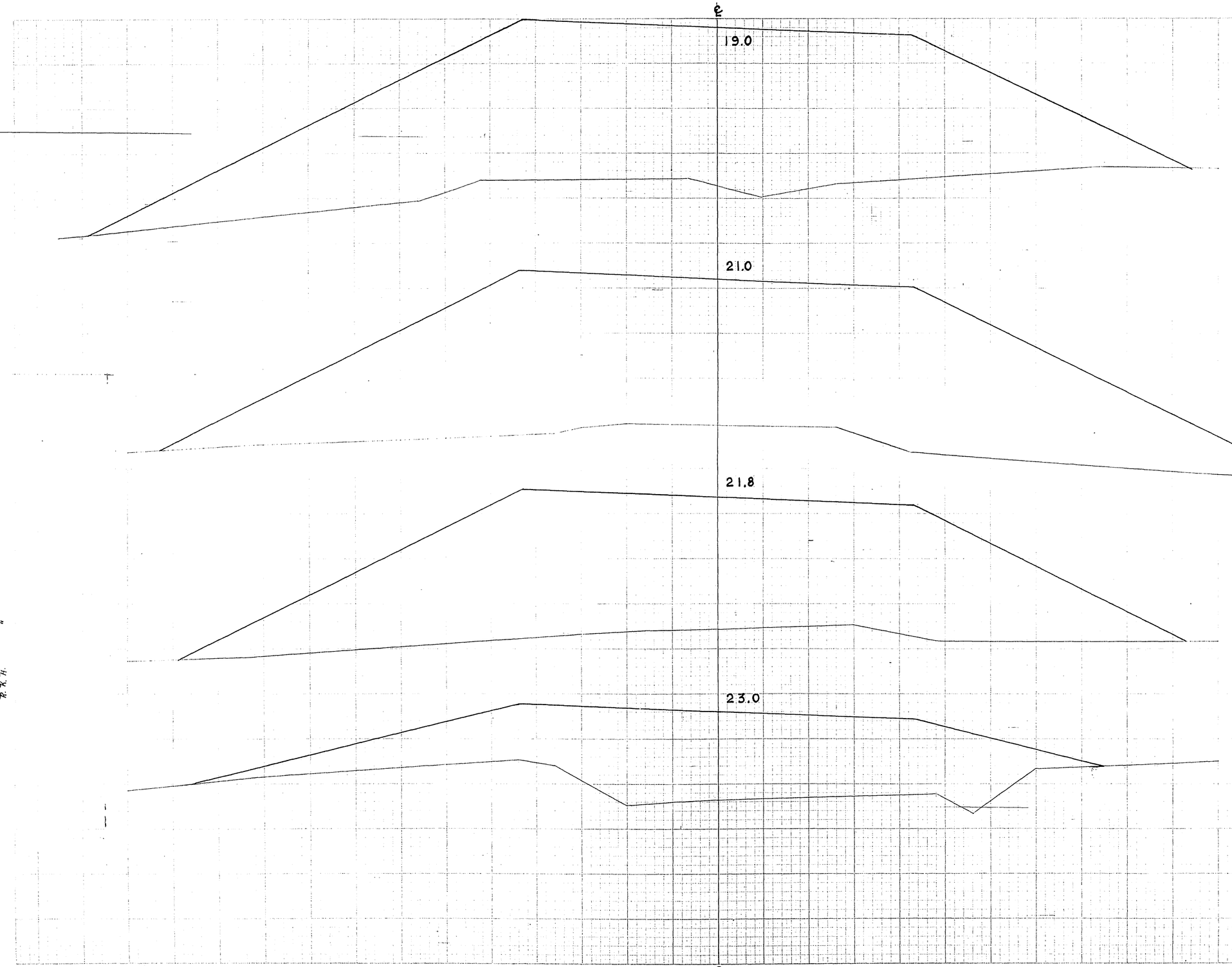
ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	149	168



STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
427 +32		0				1352
428 +35		0				1974
+95		0				1972
429 +35		0				5391
430 +35						
SHEET TOTAL		0				10689

K. O. M. 11-51
P. E. V. C. I. W. 1-52
C. G. R. "
R. R. H. "

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

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	150	168

℄

15.0

433+0
95.0

17.0

431+35
05.0

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
430 +35						
		0				4415
431 +35						
		0				5406
433						
SHEET TOTAL		0				9821

K. M. 11-51.
K. E. " 11-52.
C. K. W. "
R. K. W. "

PLAN & CROSS SECTION U. P. R. R. E.
LITHO. IN U.S.A. ON PAPER MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	151	168

℄

07.0

437+0
10.0

07.8

436+60
05.0

09.0

436+0
05.0

11.0

435+0
00.0

13.0

434+0
95.0

K.O.M. 11-51
P.C.E. F-52
C.R.K.H. " "

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
433						
		0				6389
434						
		0				3767
435						
		87				1244
436						
		259				289
+60						
		381				74
437						
SHEET TOTAL		727				11,763

PLATE 3 CROSS SECTION O. P. R. & R. E.
℄
ON PAPER-MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	152	168

℄

440+0
15.0

011.0

439+0
20.0

03.0

438+0
20.0

05.0

+55
20.0

05.9

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
437						
	+55	1711				0
438		2463				0
		6771				0
439		6276				0
440						
SHEET TOTAL		17,221				0

K. O. M.
R. E. K.
A. K. H.

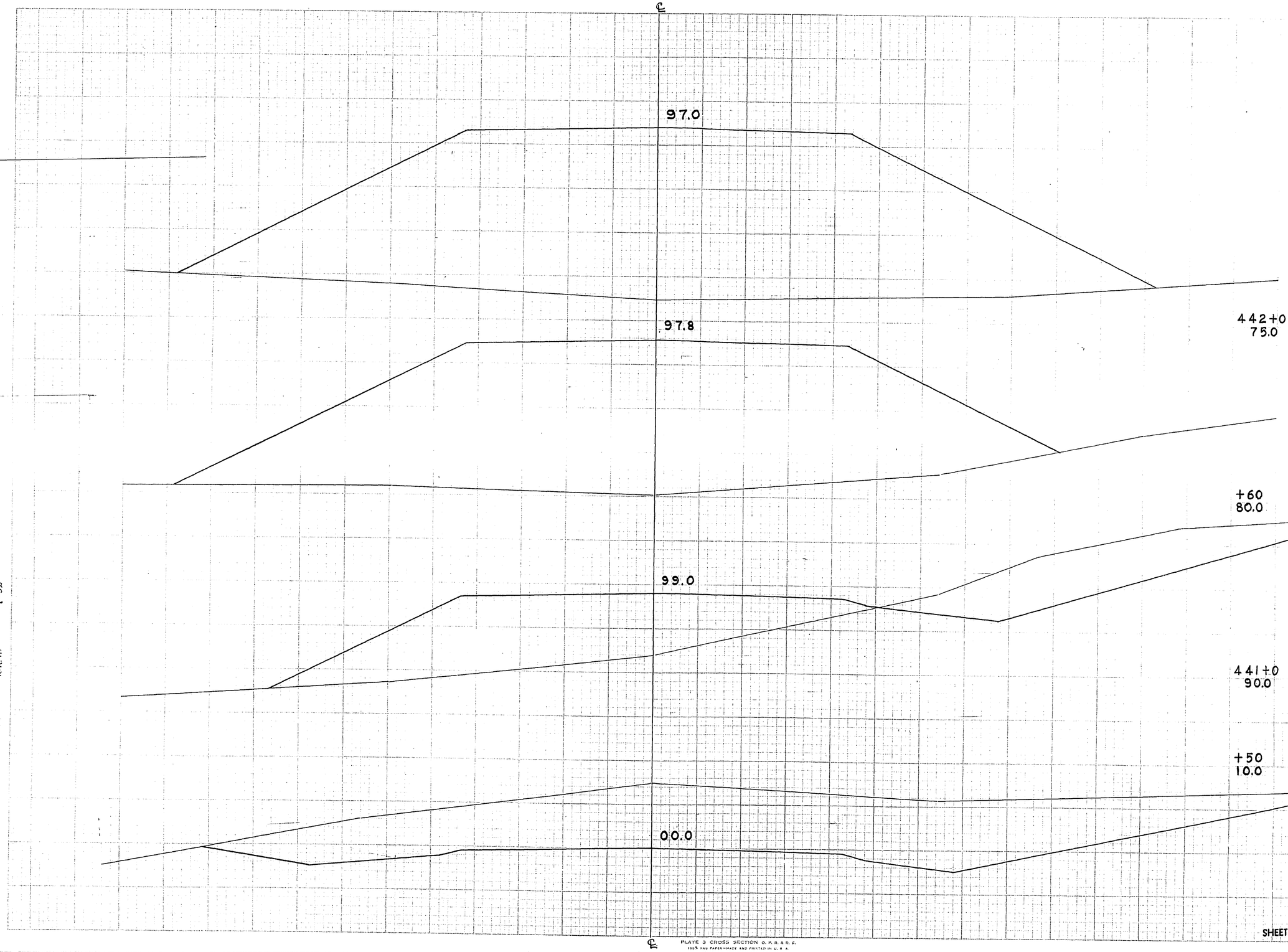
11-54
1"-32
" "

℄

PLATTED CROSS SECTION O. P. R. & R. E.
100% RAG PAPER—HAND, AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	153	168

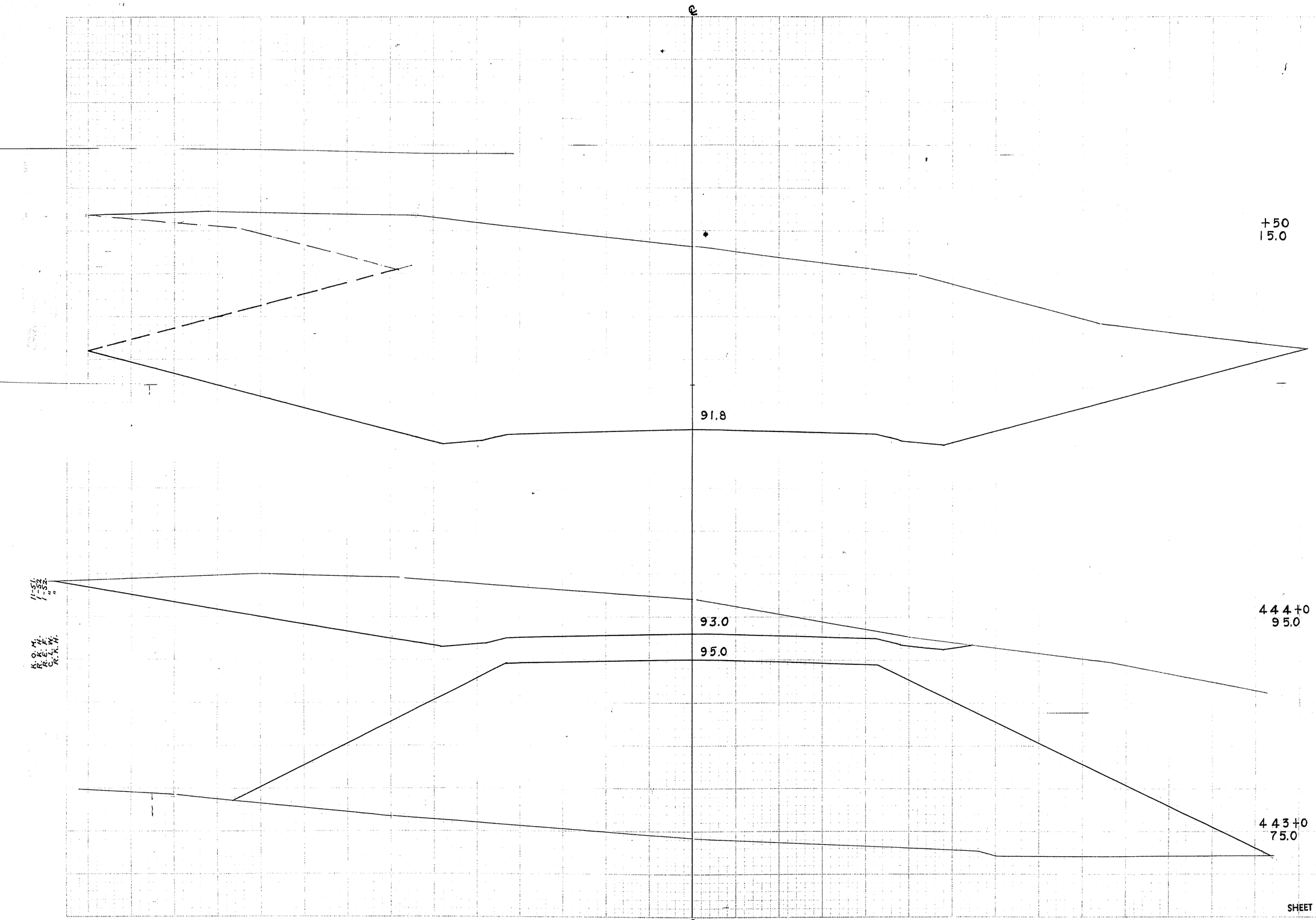
STATION	DISTANCE	YARDAGE EXCAVATION UNC.	YARDAGE FILL
440			
+50	1909		0
441	807		208
+60	72		1721
442	0		1945
SHEET TOTAL	2788		3874

K.O.M.H. 11-54
R.E.E. 1-52
R.C.L.W. 1-52

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

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



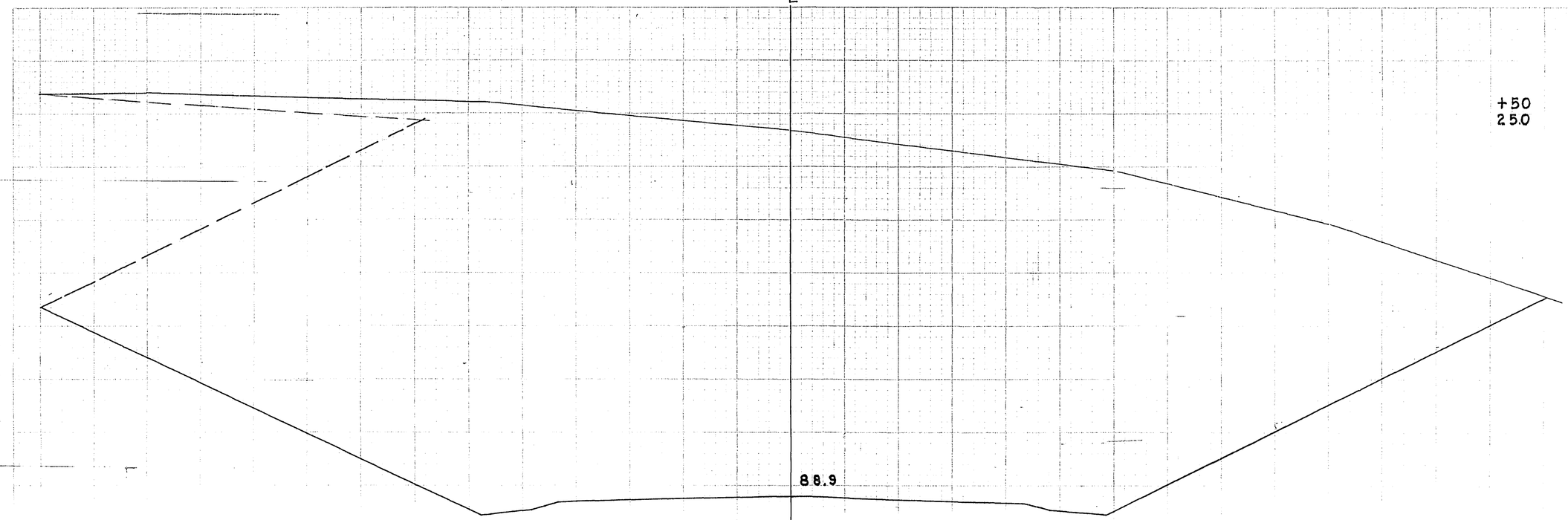
P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	154	168

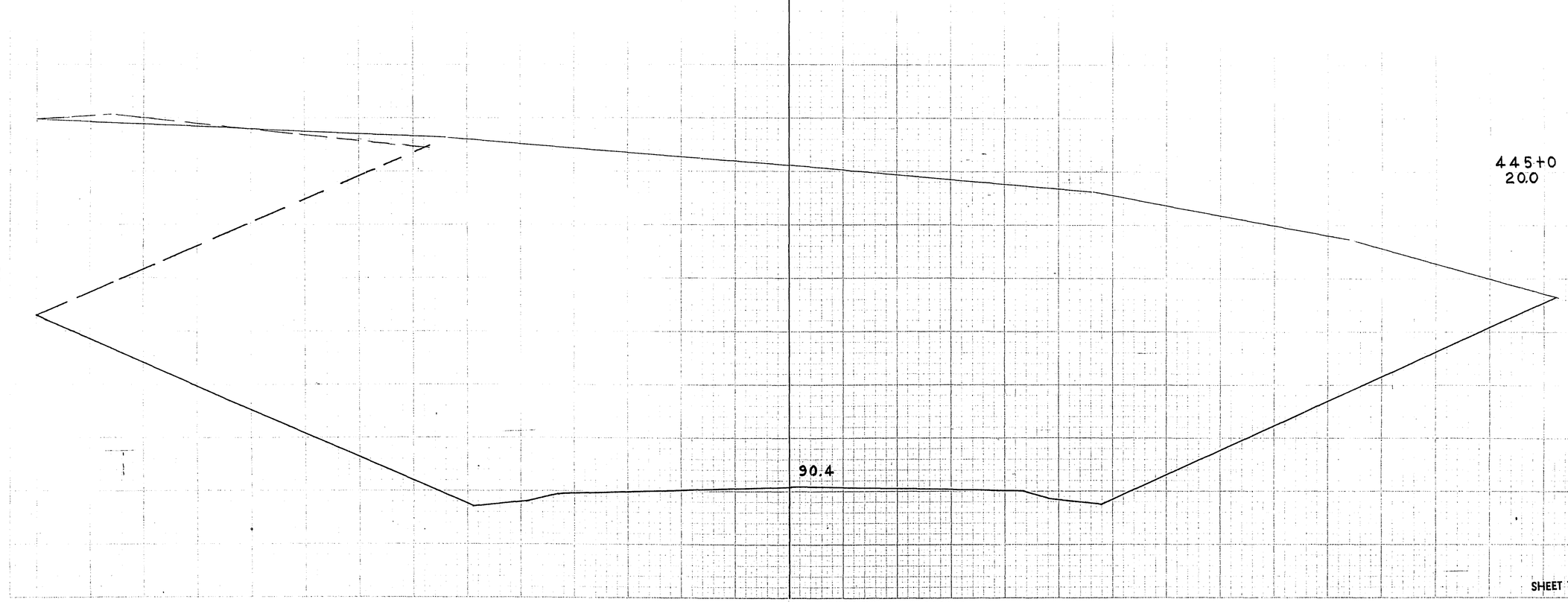
STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
442		0				5782
443		389				2169
444		3009				0
+50						
SHEET TOTAL		3398				7951

℄ PLATE 5 CROSS SECTION SHEET
DATA AS FURNISHED AND PLOTTED BY U.S.B.R.
CHARLES DRUSHING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE





K. O. M.
R. E. H.
C. & L.

11-51
1-52
"
"

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	FOPA-2(28)	155	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
444 +50						
	6195					0
445						
	7542					0
+50						
SHEET TOTAL		13,737				0

PLATE 3 CROSS SECTION © P. R. A. & R. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

85.0

87.1

+50
10.0

446+0
20.0

K.R.E.W. 11-51
C.G.L.W. 1"=32'
" "

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	156	168

STATION	DISTANCE	YARDAGE		
		EXCAVATION		
		UNC.		FILL
445 +50				
	7822			0
446 +50				
	7065			0
SHEET TOTAL		14,887		0

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

℄

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

71.0

72.8

77.0

82.5

449+0
70.0

+70
65.0

448+0
75.0

447+0
00.0

K.O.M.
K.K.H.
K.E.K.
C.G.E.

11"=51'
1"=52'
"

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	157	168

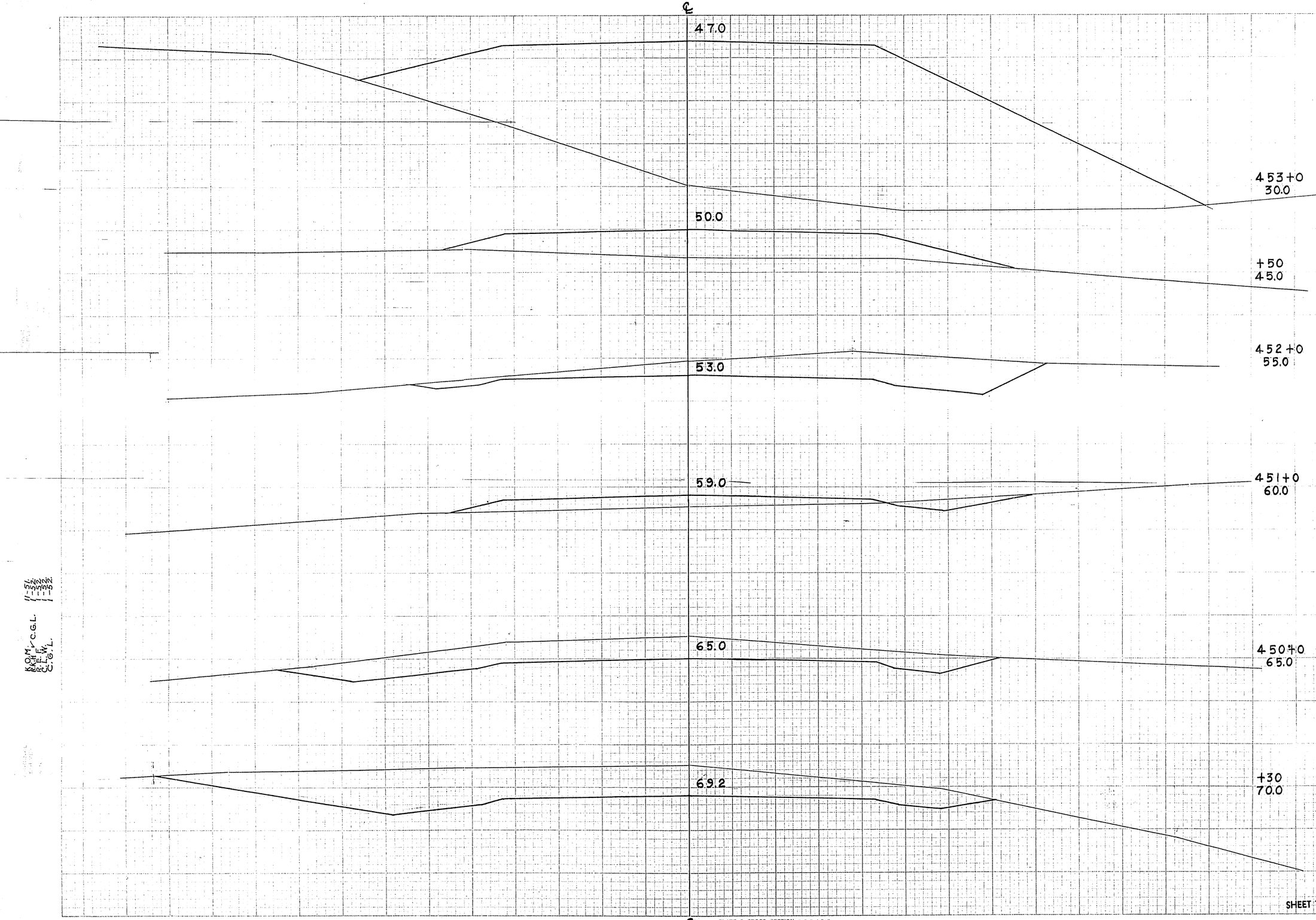
STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
446						
+50						
	5376					0
447						
	4924					241
448						
	437					1000
+70						
	59					317
449						
SHEET TOTAL		10,796				1,558

℄

PLATE 3 CROSS SECTION U. P. R. & R. E.
100% HAS PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. SN	F011-2(28)	158	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
449						
+30		213				11
450		607				0
		346				50
451		293				100
452		80				139
+50		0				1174
453						
SHEET TOTAL		1539				1474

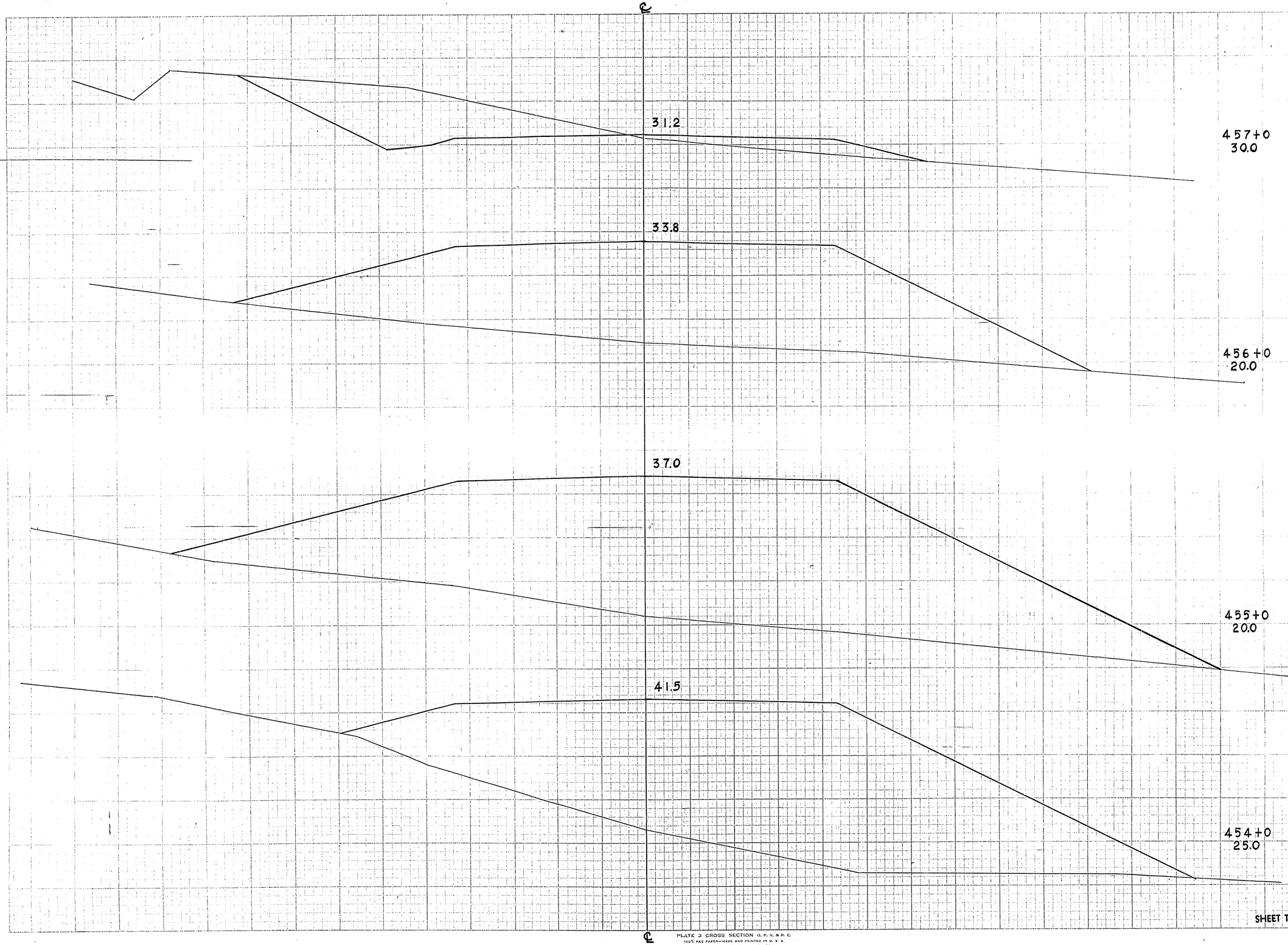
KOM ✓ C.G.L. 11-54
R.E.W. 1-3-55
C.G.L. 1-5-55

℄

PLATE 3 CROSS SECTION O. P. R. A. R. C.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	159	168

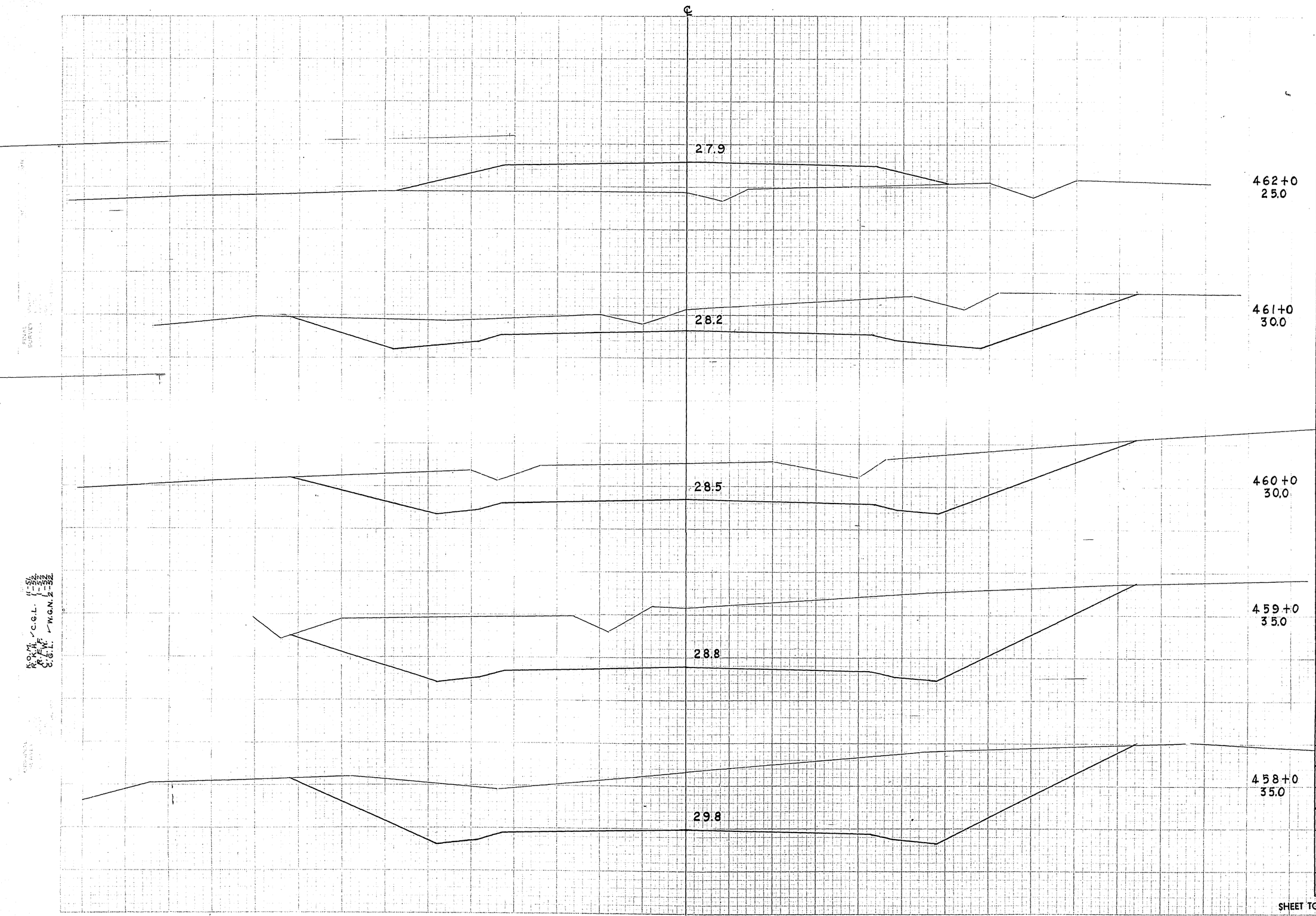
STATION	DISTANCE	YARDAGE EXCAVATION UNC.	YARDAGE FILL
453		0	4004
454		0	4213
455		0	3697
456		70	1478
457			
SHEET TOTAL		70	13,392

K.O.M. 11-51.
R.E.H. 1-52.
C.G.L. 1-52.
W.G.N. 2-52.

PLATE 3 CROSS SECTION O. P. R. & R. E.
1025 RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	160	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.	YARDAGE FILL
457			
		1407	15
458			
		2259	0
459			
		1822	0
460			
		1200	0
461			
		411	152
462			
SHEET TOTAL		7099	167

K.O.W. ✓ C.G.L. 11-54
R.E.H. ✓ W.G.N. 12-54

PLATE 3 CROSS SECTION O. P. R. A. R. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES DRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

℄

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	161	168

467+0
30.0
26.4

466+0
25.0
26.7

465+0
20.0
27.0

464+0
20.0
27.3

463+0
20.0
27.6

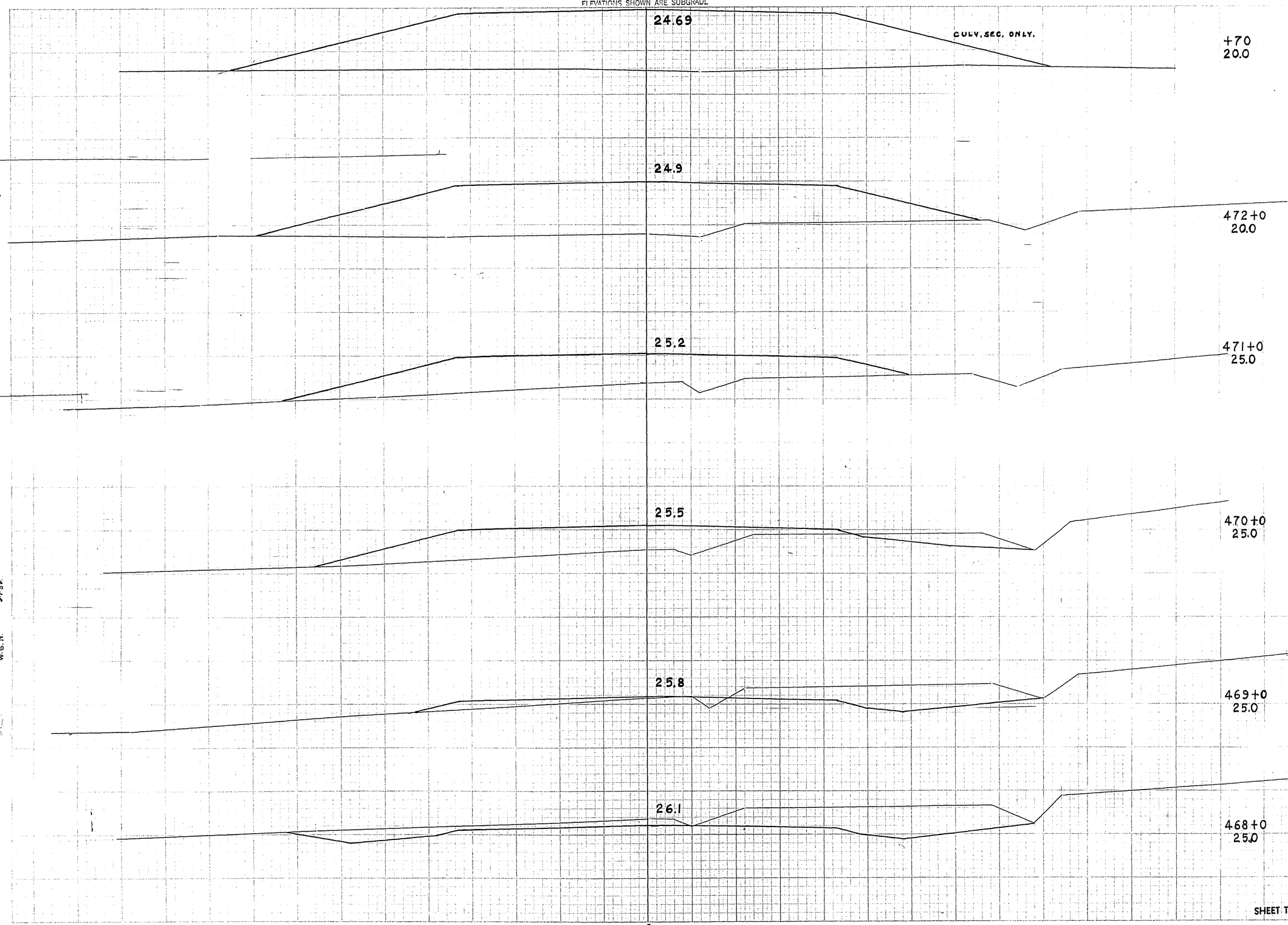
STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
462		0				885
463		0				1211
464		0				1118
465		7				596
466		263				109
467						
SHEET TOTAL		270				3919

K.O.M. 11-61
R.K.F. 1-62
W.G.N. 2-62

PLATE 3 CROSS SECTION O. P. R. & R. E.
100% RAG PAPER MADE AND PRINTED BY U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	162	168

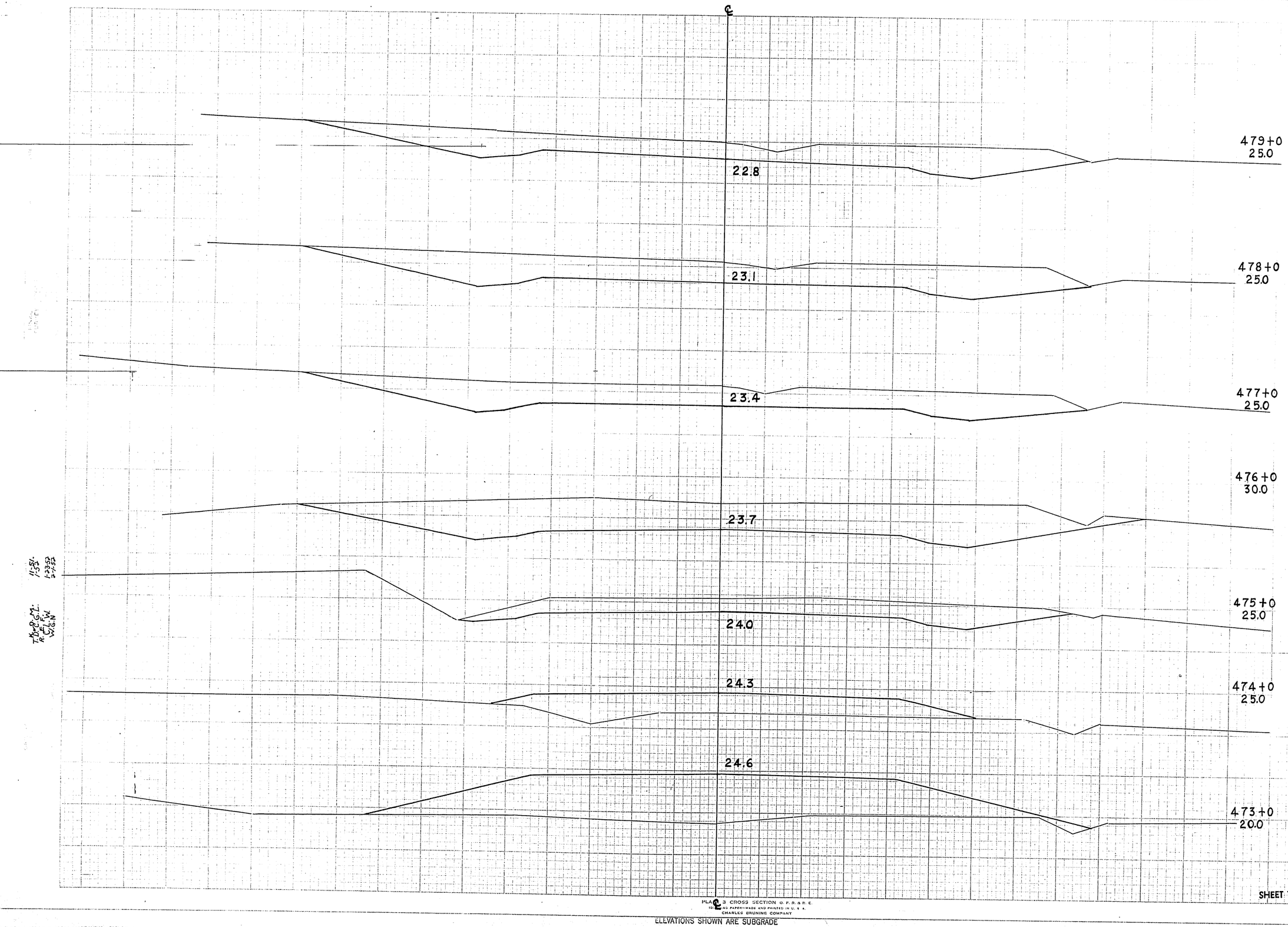
STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
467	478					0
468	346					15
469	150					274
470	24					596
471	0					974
472	0					1200
+70						
SHEET TOTAL	998					3059

K.D.M. 11-51
R.C.L. 1-52
R.F.F. 1-52
W.G.L.N. 2-52

PLATE 3 CROSS SECTION O. P. P. & R. E.
NOT TO BE PHOTOGRAPHED AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	163	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
472						
+70		0				0
473						
		0				796
474						
		161				109
475						
		824				0
476						
		987				0
477						
		839				0
478						
		809				0
479						
SHEET TOTAL		3620				905

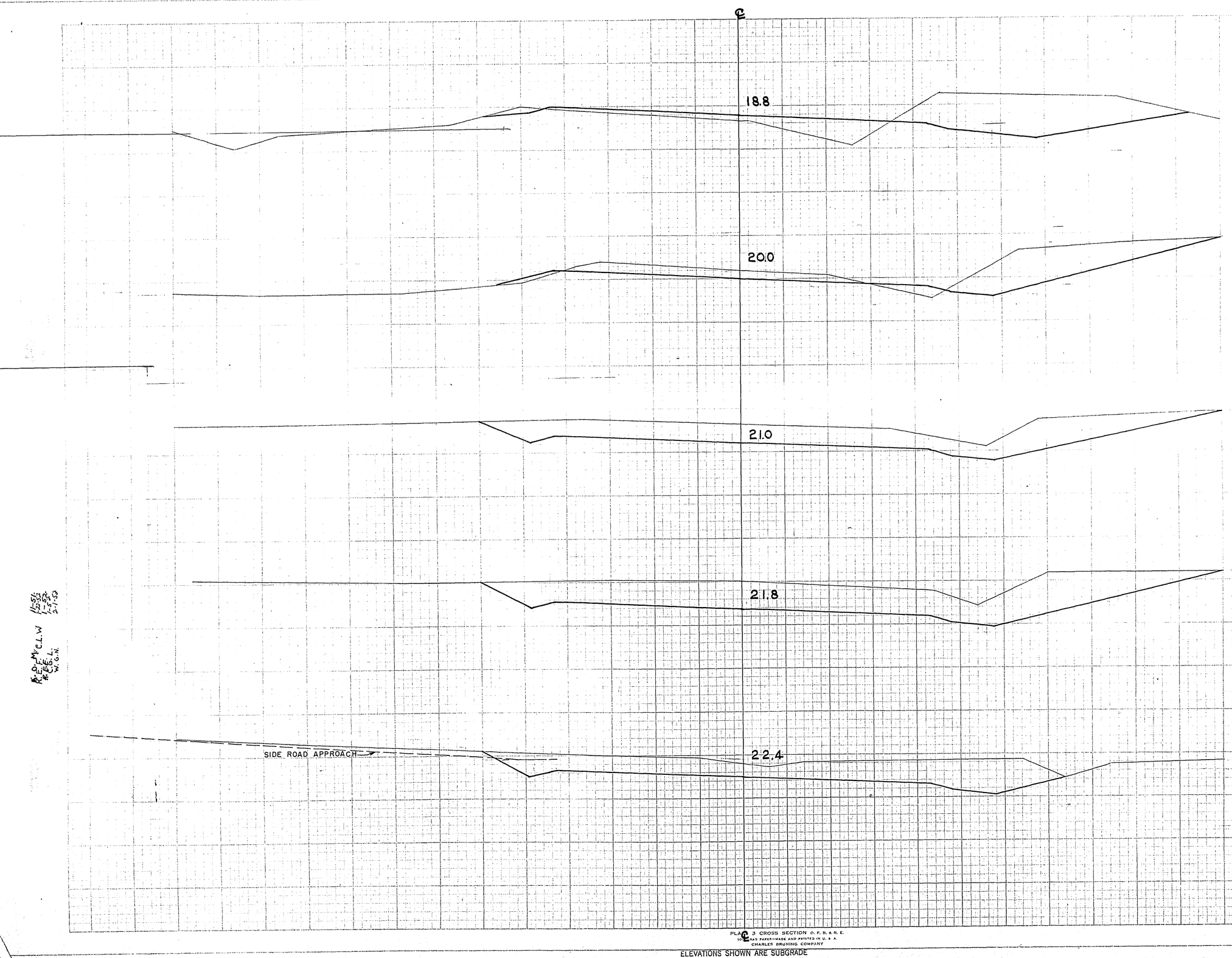
T. Dr. P. G. M.
R. E. L. W.
W. G. N.

11-51.
1-23-52
2-7-52

PLAN & CROSS SECTION O. F. P. & R. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
W/S. 5N	F011-2(28)	164	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.	YARDAGE EXCAVATION	YARDAGE EXCAVATION	YARDAGE EXCAVATION	YARDAGE FILL
484+10	20.0					
483+0	20.0					
482+0	20.0					
481+0	25.0					
480+0	25.0					
479		715				0
480		854				0
481		889				0
482		572				7
483		428				89
484 +10						
SHEET TOTAL		3458				

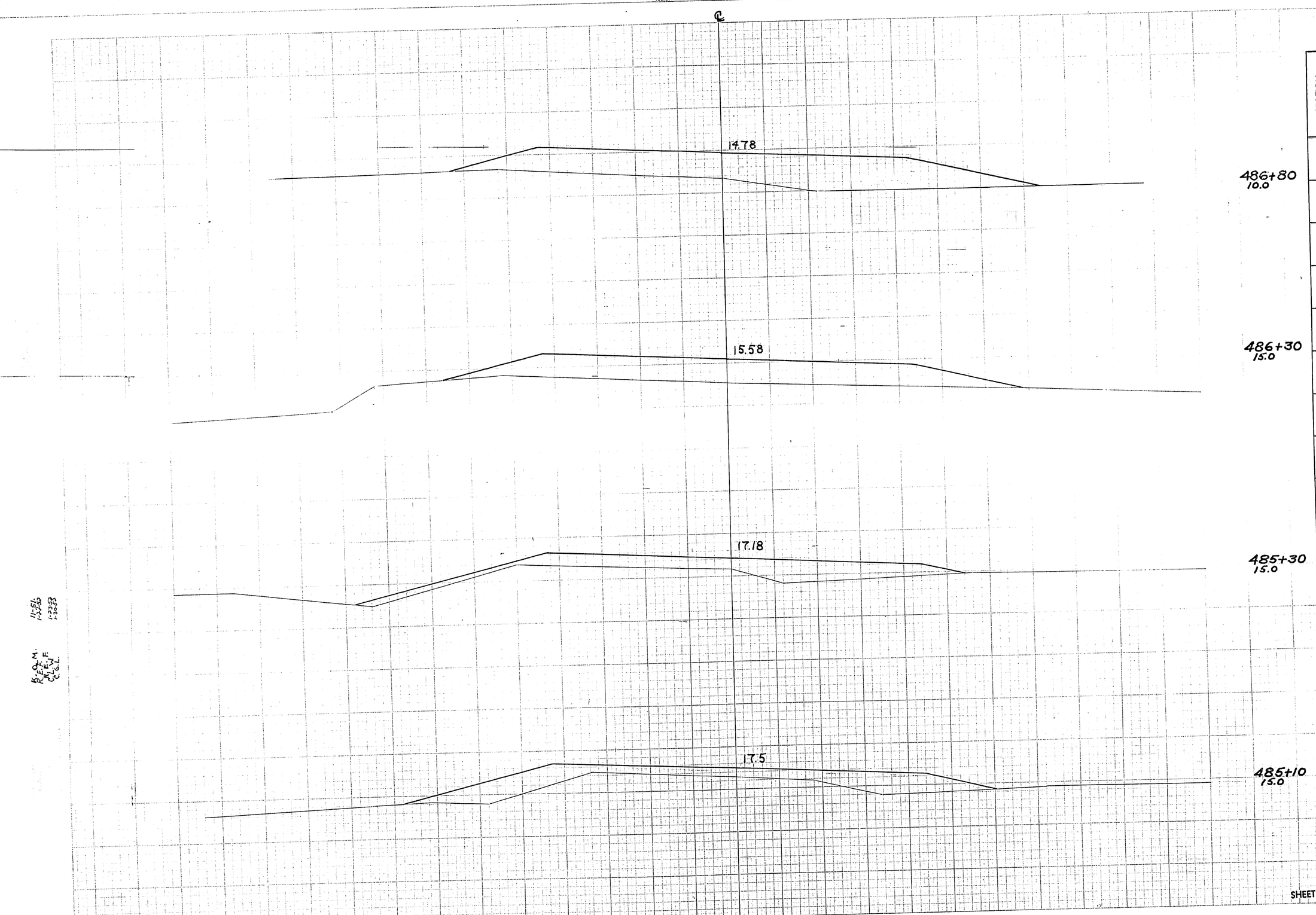
K.D.M. 11-51
R.E.E.W. 1-52
R.E.E. 2-1-52
W.G.N.

PLAN & CROSS SECTION C. P. R. & R. E.
100 PRAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
W/S. 5N	F011-2(28)	165	168



STATION	DISTANCE	YARDAGE EXCAVATION UNC.				FILL
484 +10						
	143					252
485 +10						
	0					70
+30						
	0					444
486 +30						
	0					309
486 +80						
SHEET TOTAL	143					1075

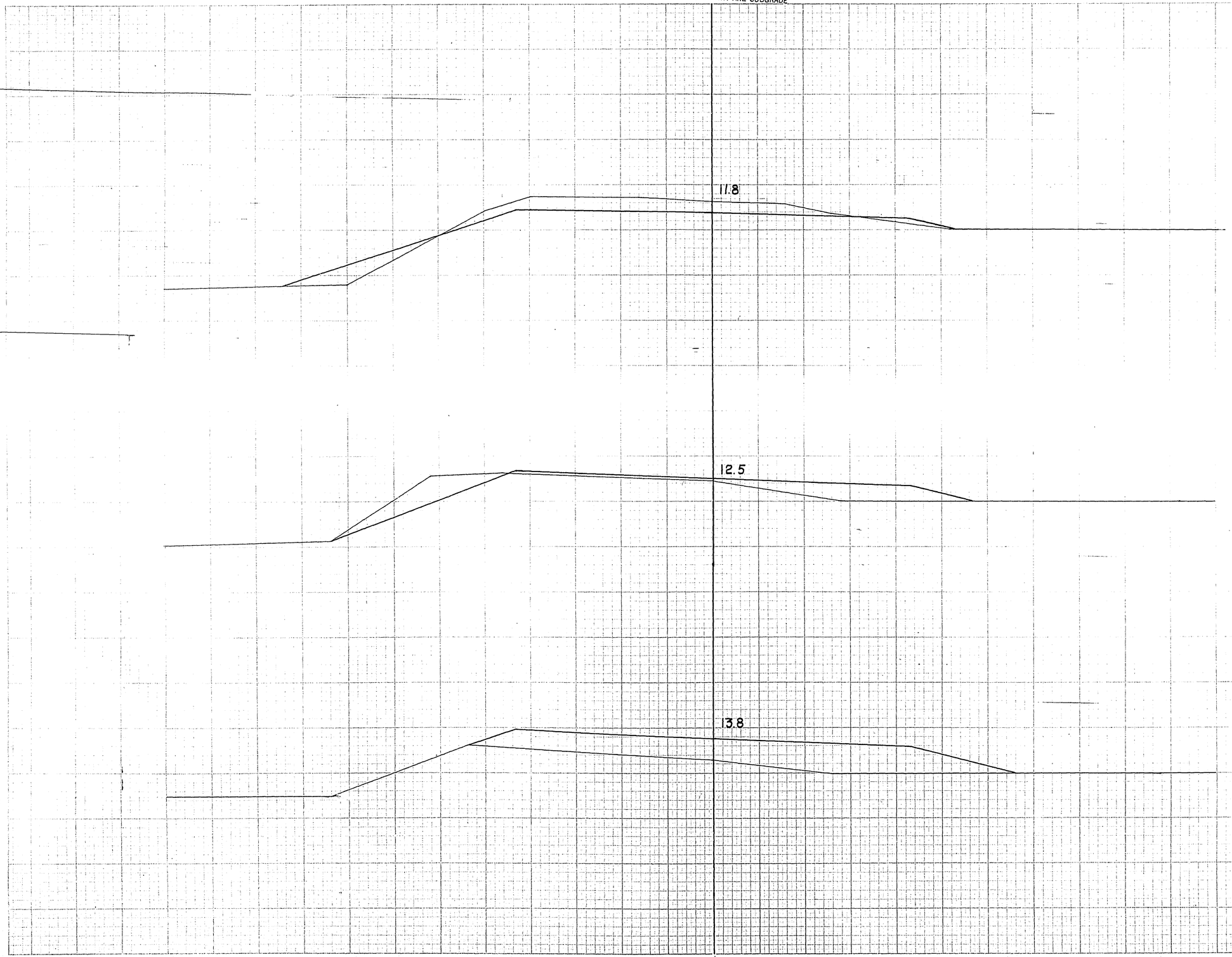
K.D.M. 11-51
R.E.F. 1-2358
C.W.L. 1-3883

PLATE 3 CROSS SECTION O. P. P. & R. E.
ISSUED AS PART OF THIS AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. SN	F011-2(28)	166	168



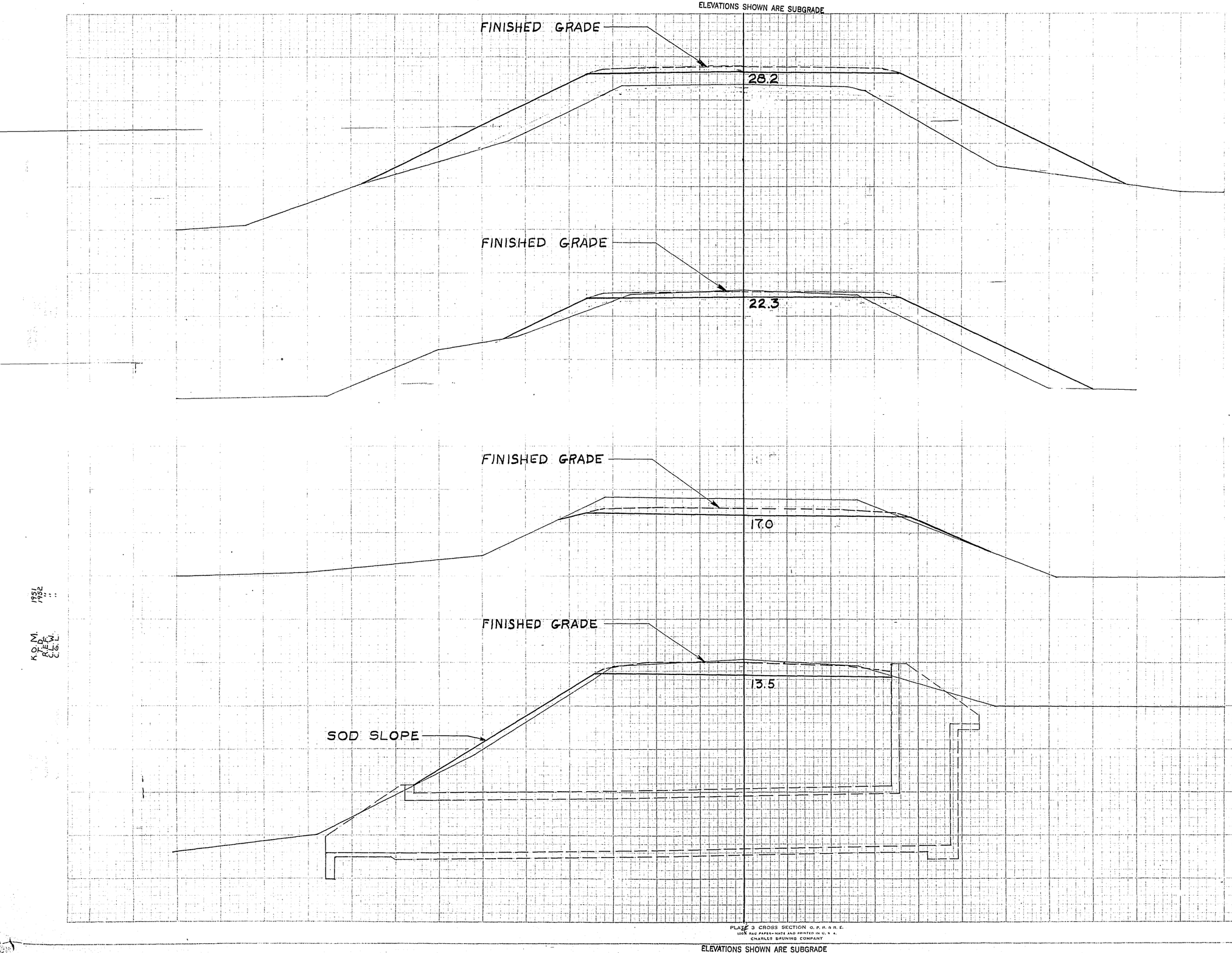
STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
486 +80						
		0				326
487 +35						
		20				346
488 +40						
		146				119
489 +40						
SHEET TOTAL		166				791

K.O.M. 1951
R.E.W. 1952
C.S.L. "

PLATE 3 CROSS SECTION O. P. R. & B. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE



494+0
25.0

493+0
25.0

492+0
20.0

490+40
15.0

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F011-2(28)	167	168

STATION	DISTANCE	YARDAGE EXCAVATION UNC.				YARDAGE FILL
489 +40						
	169					63
490 +40						
	180					26
492						
	139					113
493						
	6					513
494						
SHEET TOTAL		494				715

K.O.M. 1951
R.E.F. 1952
C.G.W. " "

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

ELEVATIONS SHOWN ARE SUBGRADE

ELEVATIONS SHOWN ARE SUBGRADE

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 5N	F 011-2 (28)	168	168

FINISHED GRADE

35.1

496 +0
35.0

FINISHED GRADE

32.3

495 +0
30.0

STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
494	0		1107
495	0		10
496	0		
+82.9			
SHEET TOTAL	0		

26

K.O.M.
R.K.H.
C.E.W.
C.G.L.

1951
1952

ORIGINAL SURVEY

PLATE 3 CROSS SECTION O. P. R. & B. E.
100% RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY

ELEVATIONS SHOWN ARE SUBGRADE