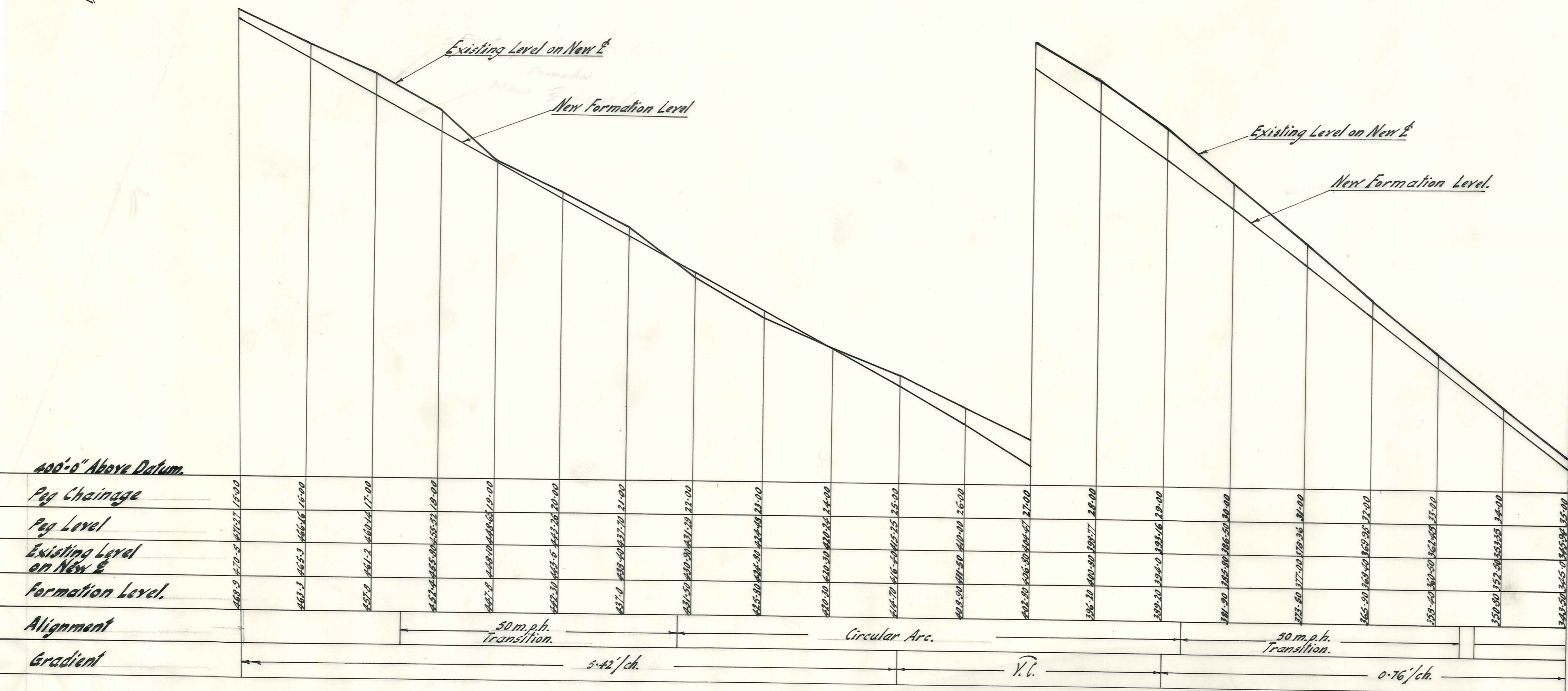
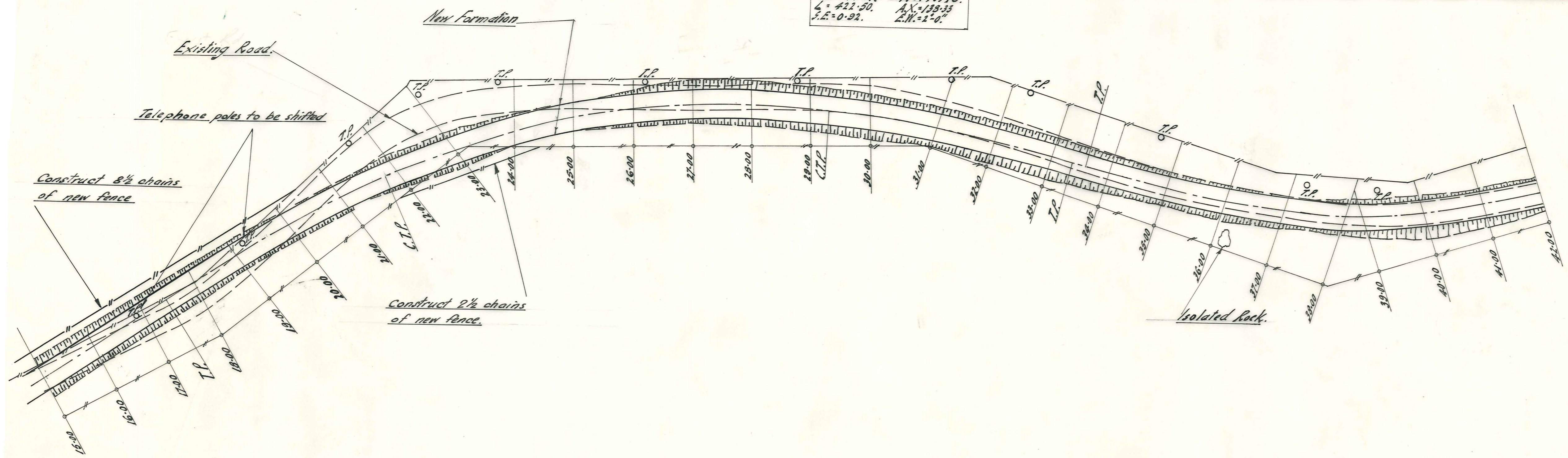


$V = 50 \text{ m.p.h.}$ $D = 47^\circ 30'$
 $A.D. = 344.07$ $R = 1433.76$
 $L = 421.50$ $A.N. = 135.33$
 $E.S. = 0.92$ $E.W. = 2.0''$



Scales: Horizontal 1" = 1ch
 Vertical 1" = 10'
 Note: Super Elevation to be reduced to 0.75 max.

VINCENT COUNTY COUNCIL

BLACKS HILL
IDABURN OMAKAU ROAD

AMENDMENTS					NAME		DATE
No.	By	Date	Description	Apprd.	Surveyed	Drawn	
					G.J. Dillon		Dec 65
							Jan 66
					R. Alwooden		Mar 66

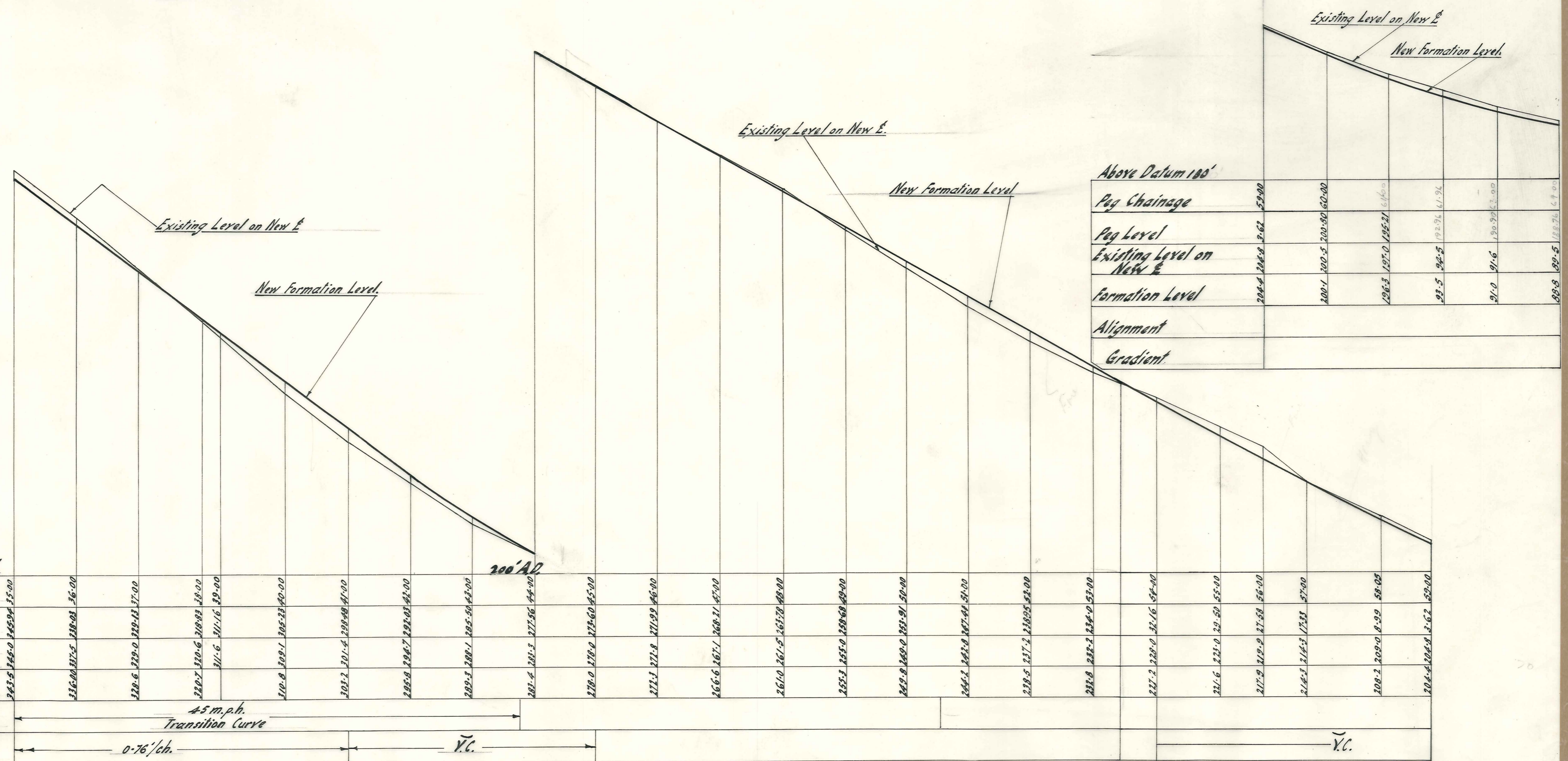
DUFFILL, WATTS & KING
 CONSULTING CIVIL & STRUCTURAL ENGINEERS
 DUNEDIN & INVERCARGILL N.Z.

File JOB No.
 L.Bk. 4601/2
 F.Bk.
 Sheet 2 of 6 Sheets

$D = 30$ $Y = 45$
 $R = 312.0$ $L = 276.6$
 $A.O. = 434.4$ $A.X. = 42.9$
 $I.E. = 1.0$ $E.W. = 2.0$

$D = 60$ $Y = 45$
 $R = 312.5$ $L = 495$
 $A.O. = 760.3$ $A.X. = 149.4$
 $Circ. Arc. 43.4$
 $I.E. = 1.1$ $E.W. = 2.0$

Scales: Horizontal 1" = 10'
 Vertical 1" = 10'



Above Datum 100'	
Peg Chainage	599.00
Peg Level	3.62
Existing Level on New E	206.4
Formation Level	200.1
Alignment	
Gradient	

Above Datum 200'	
Peg Chainage	243.5
Peg Level	316.0
Existing Level on New E	312.0
Formation Level	310.0
Alignment	
Gradient	

Note: Super Elevation to be reduced to 0.75 max.

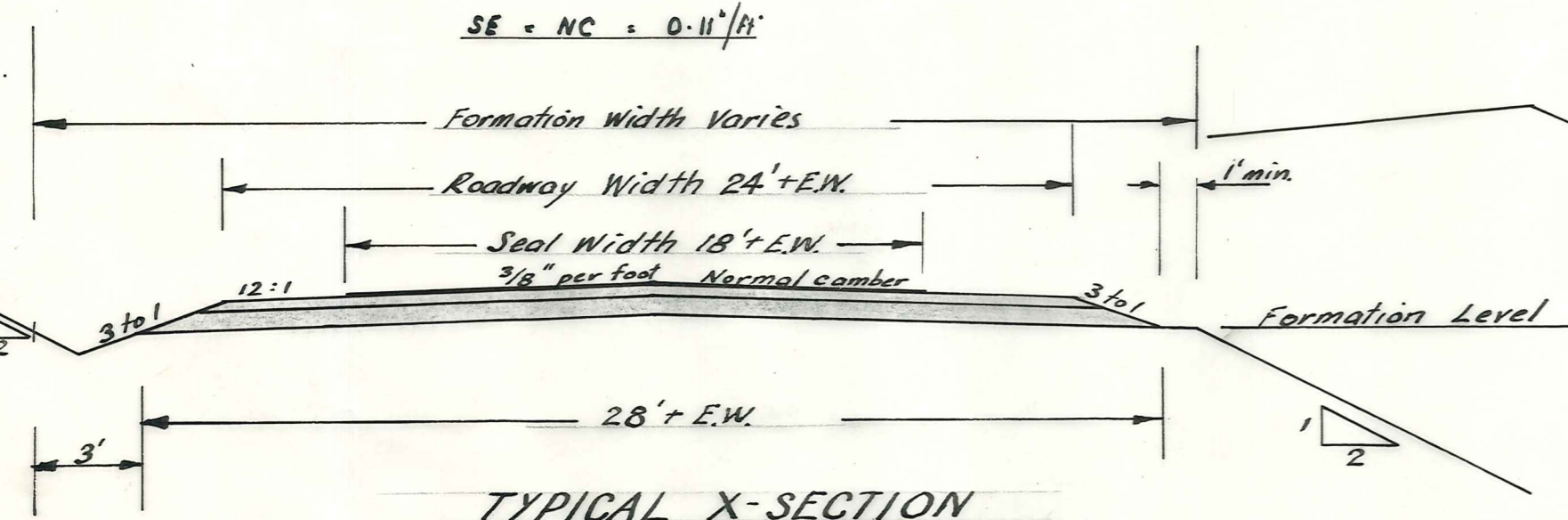
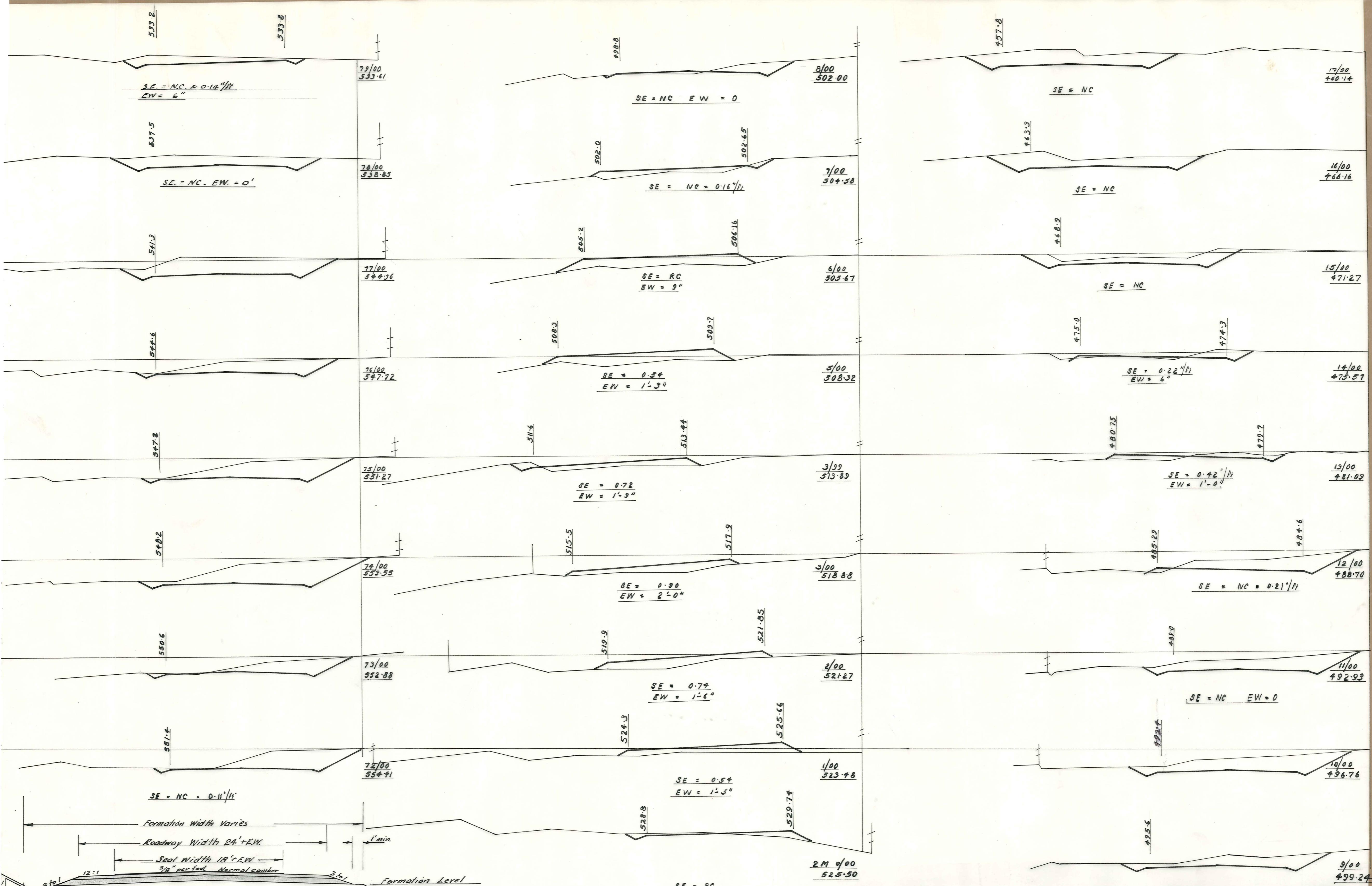
VINCENT COUNTY COUNCIL

BLACKS HILL
IDABURN OMAKAU ROAD

AMENDMENTS				NAME	DATE
No.	By	Date	Description	Apprd.	

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File 4601/3
 JOB No. 215
 Sheet 3 of 6 Sheets



Scale: 1" = 10'
 Note: Super Elevation to be reduced to 0.75 max.

VINCENT COUNTY COUNCIL.

BLACK'S HILL X-SECTIONS

AMENDMENTS					NAME	DATE
No.	By	Date	Description	Apprd.		
					G.I. Dillon	Dec 65
					"	Jan 66
					"	"
					"	Feb 66
					"	May 66

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File L.Bk. 4601/4
 F.Bk.
 Sheet 4 of 6 Sheets

