

$S.V. = 40 \text{ m.p.h. } \Delta = 13^\circ$
 Existing curve satisfactory.

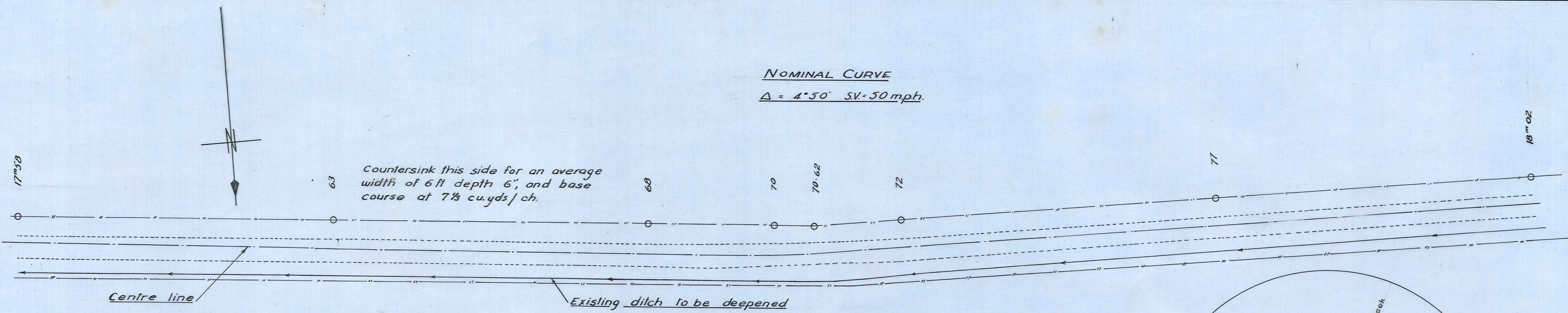
-PLAN.-

Scale: One chain to one inch.

	Bridge approach.										Borrow to fill 170 cu.yds No countersinking reqd. Base course at 41 cu.yds/chain.		
30 ft. above datum	[Profile line showing road elevation]												
Cut	[Cut areas indicated]												
Fill	[Fill areas indicated]												
Formation level	[Formation level line]												
Existing ℓ level	17+33	34	35	36	38	40	45	46.5	47.5	49	50	53	58
Chainage.	17+33	34	35	36	38	40	45	46.5	47.5	49	50	53	58
Gradient.	Existing grades satisfactory				Regrade				Existing grades satisfactory.				
Alignment.	Straight		40 m.p.h. Transition				Straight.						

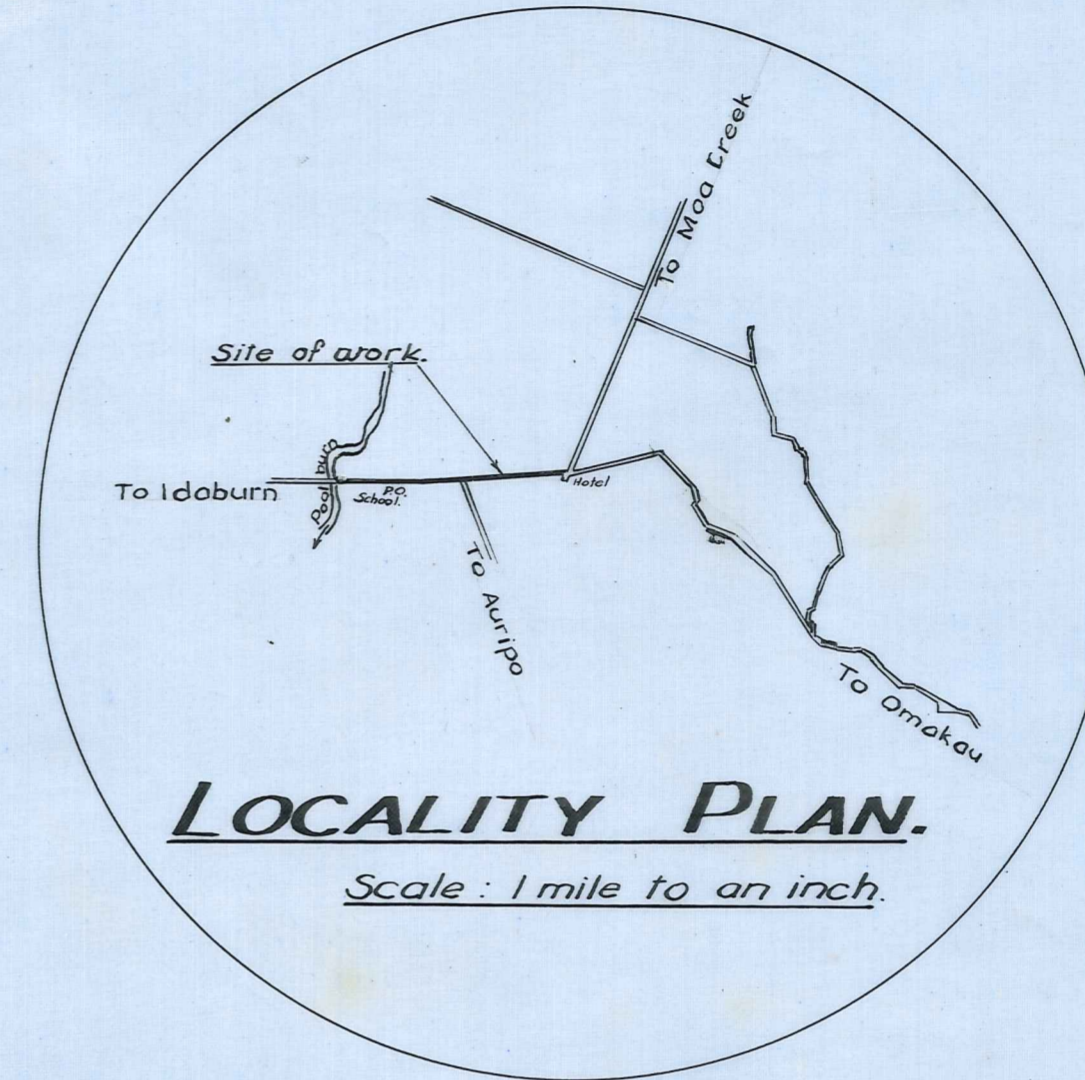
-LONGITUDINAL SECTION.-

Scales: Horizontal one chain to one inch.
 Vertical ten feet to one inch.



-PLAN-

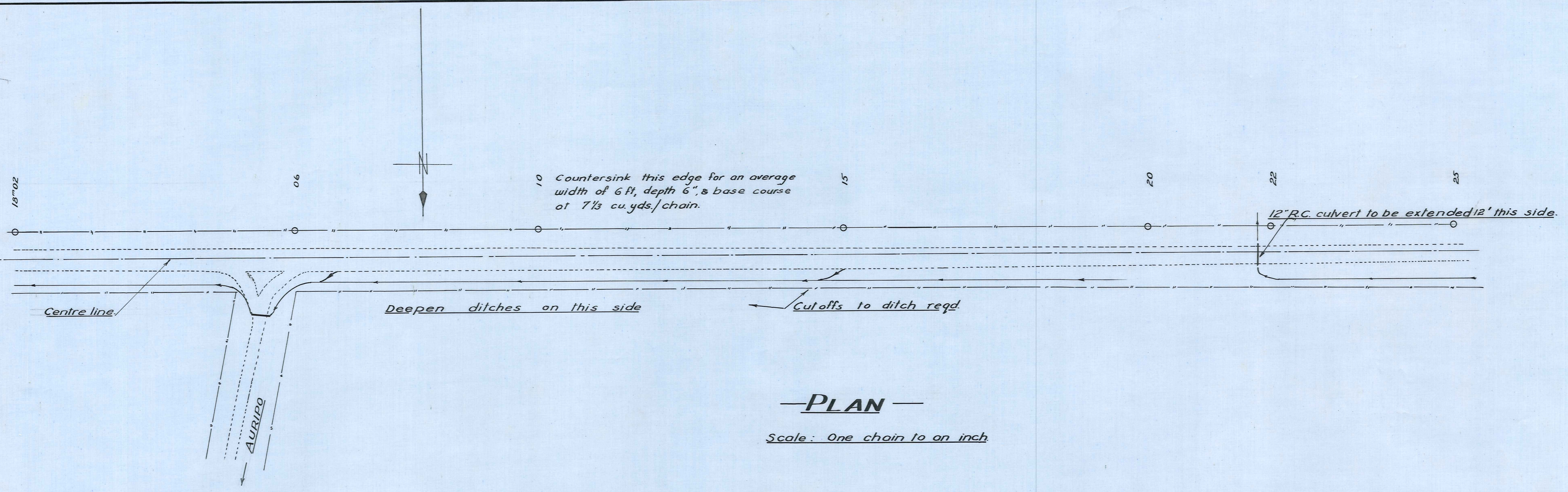
Scale: One ch. to One inch.



30 ft. above datum						
Cut.						
Fill.						
Formation level						
Existing ζ level	17+53 42.18	63 43.33	68 44.19	70 44.75	72 45.70	77 47.37
Chainage.	17+53	63	68	70	72	77
Gradient.	Existing grades satisfactory					
Alignment.	straight		Nominal Curve		Straight.	

-LONGITUDINAL SECTION-

Scales: Horizontal one chain to One inch.
 Vertical Ten feet to One inch.



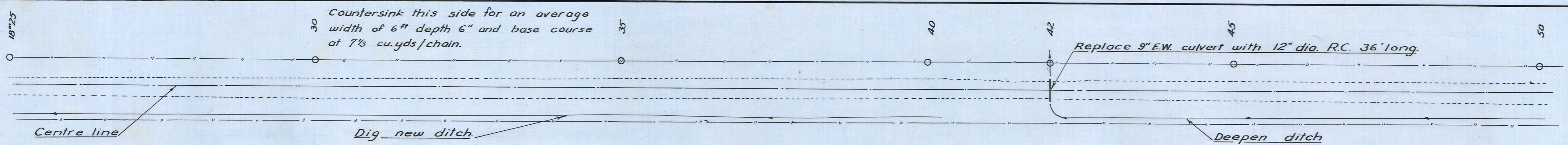
—PLAN—

Scale: One chain to an inch

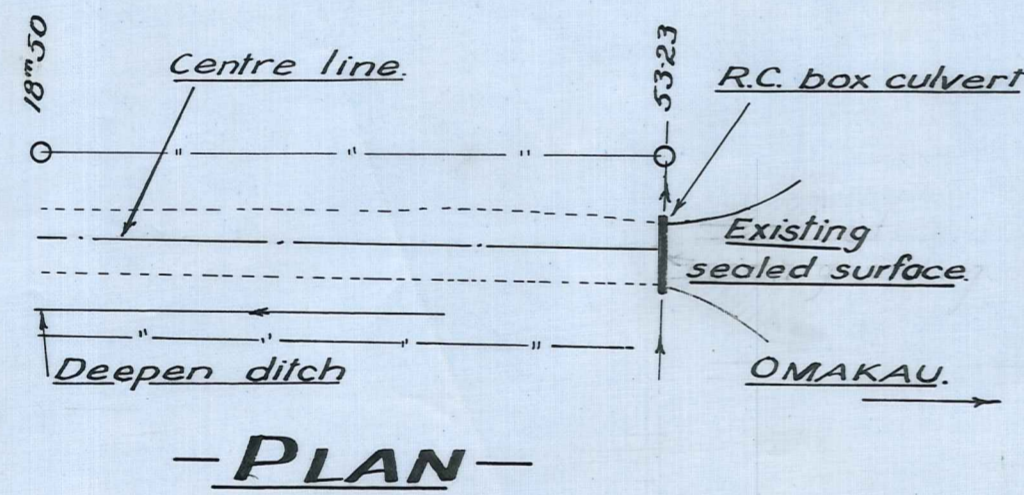
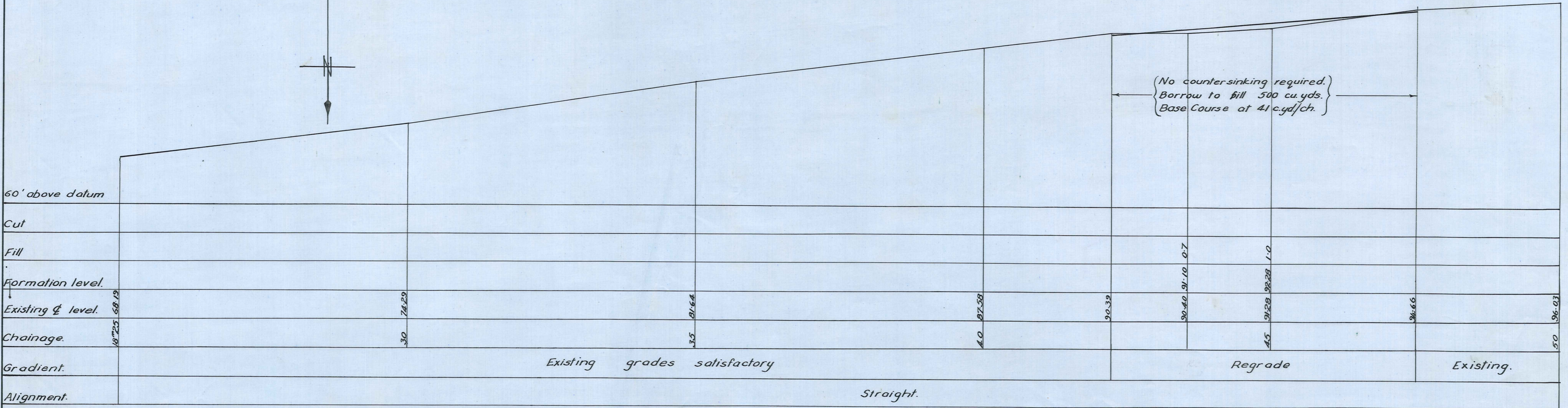
40ft. above datum						
Cut						
Fill						
Formation level						
Existing ϕ level.	18 ^m 02 43.70	06 51.74	10 53.96	15 57.24	19 62.84	20 64.24
Chainage	18 ^m 02	06	10	15	19	20
Gradient	Existing grades satisfactory					
Alignment	Straight.					

—LONGITUDINAL SECTION.—

Scales: Horizontal. One chain to an inch
Vertical. Ten feet to an inch



- PLAN -
Scale: 1 ch. to an inch.

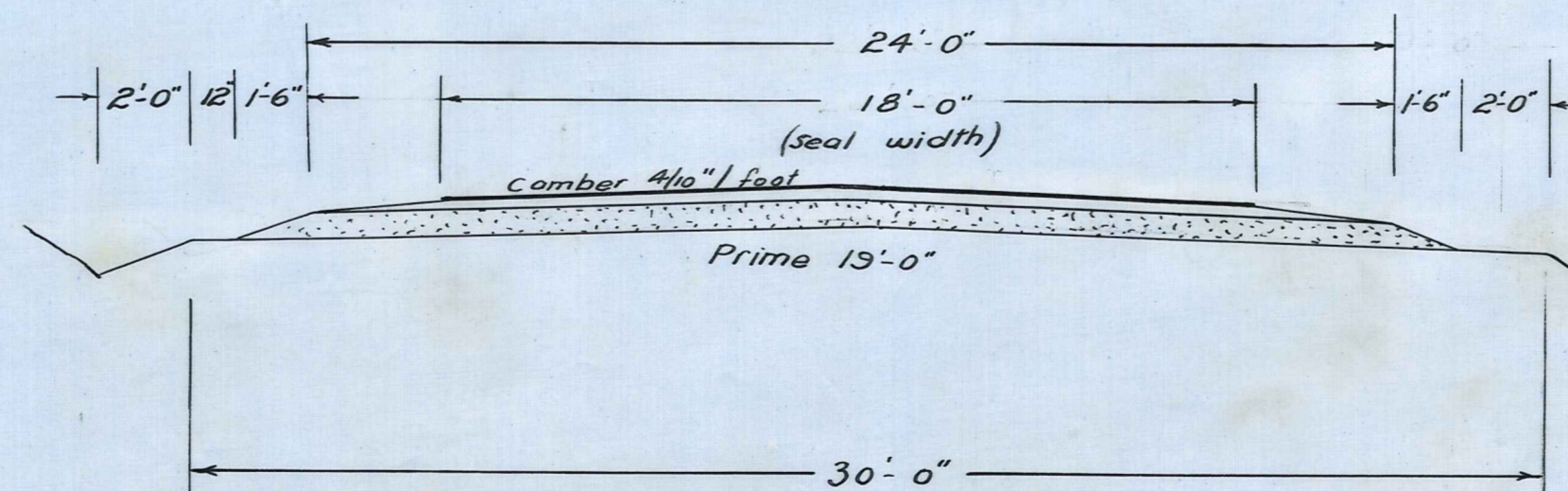


- PLAN -

- LONGITUDINAL SECTION -

Scales: Horizontal 1 ch. to 1 inch
Vertical 10 ft to 1 inch.

90' above datum	
Cut	
Fill	
Formation level	
Existing & level.	
Chainage	
Gradient	Existing grades satis.
Alignment	Straight.



Average existing width of full depth metal - 20'.
Countersink South side average width 6' & metal with base course at 7 1/2 cu.yds./chain.
Top Course at 15 cu.yds./chain.

- TYPICAL CROSS SECTION -

Scale: 1/4 inch to 1 foot.

- LONGITUDINAL SECTION -