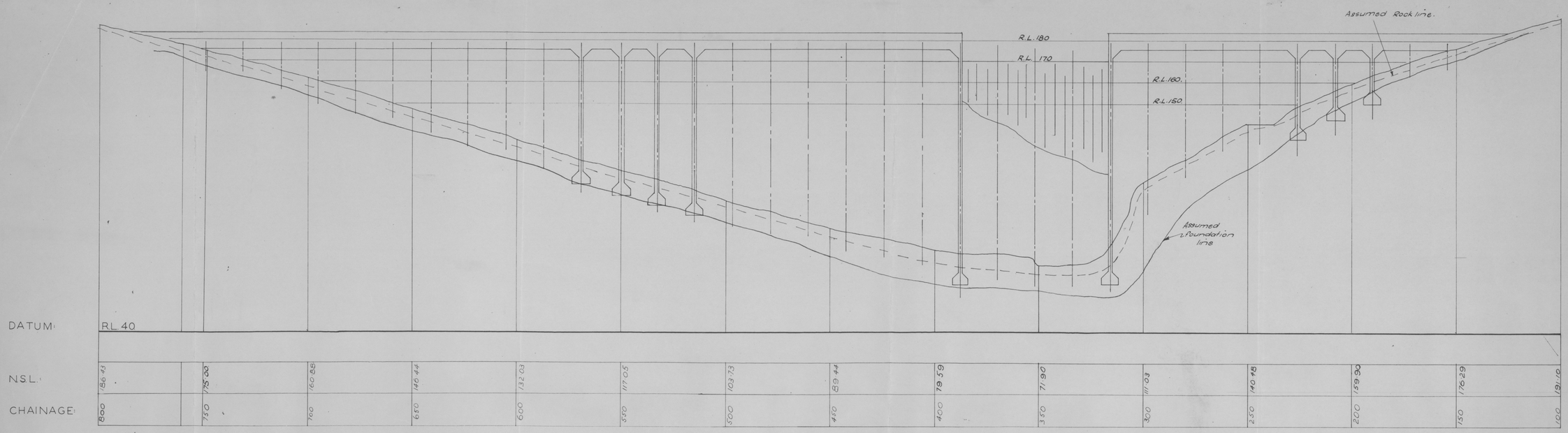
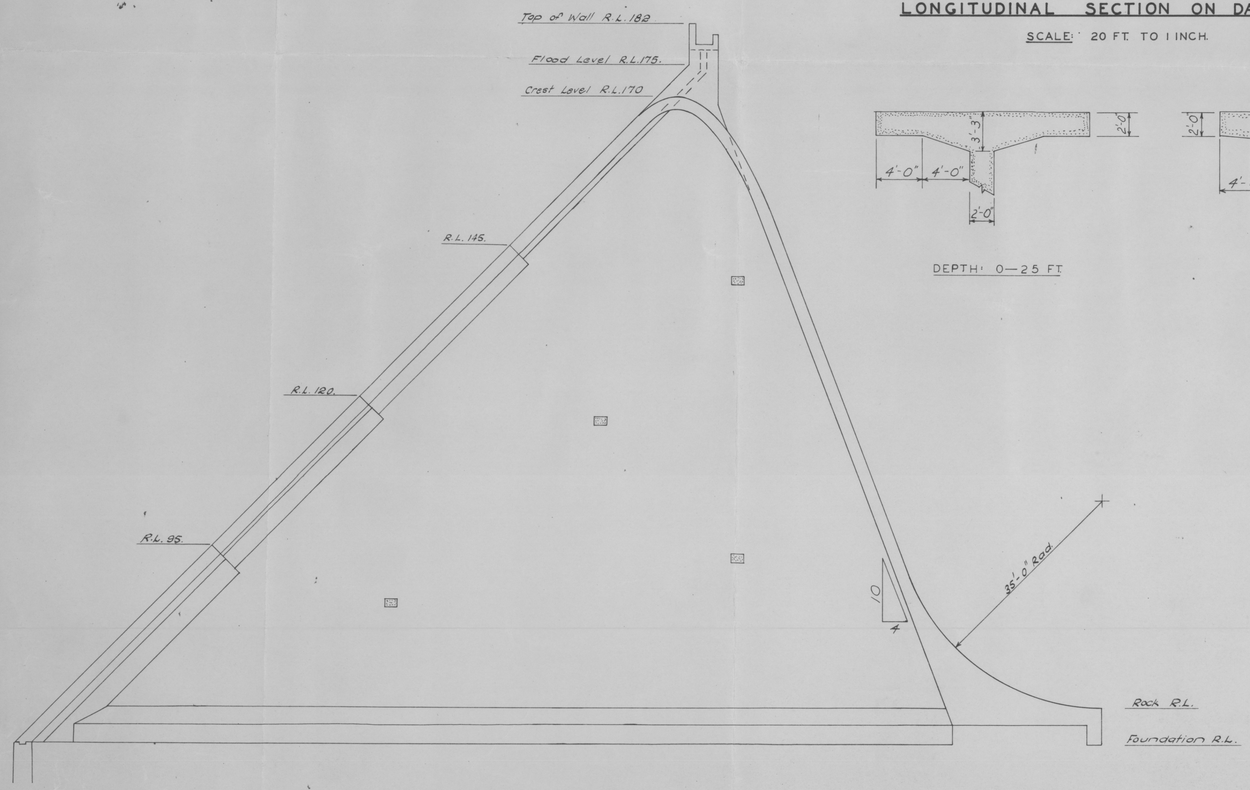


LONGITUDINAL SECTION ON DAM CENTRE LINE

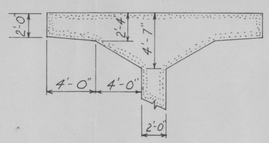
SCALE: 20 FT. TO 1 INCH.



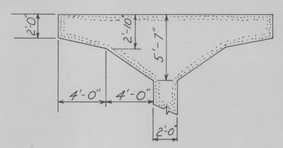
SIDE ELEVATION OF BUTTRESS

SCALE: 10 FT. TO 1 INCH

DEPTH: 0—25 FT



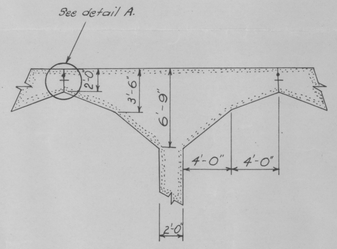
DEPTH 25—50 FT.



DEPTH 50—70 FT.

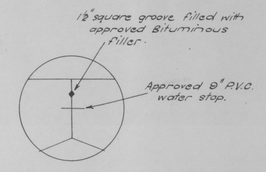
BUTTRESS HEADS.

SCALE: 5 FT. TO 1 INCH.



DEPTHS OVER 75 FT.

Notes:-
1. Sections based on Darlaston Dam.
2. Estimated quantity:- 100' high 25200 cu. yds. Foundation R.L.55.
   80' high 15300 cu. yds.
3. Spillway capacity 3000 cusecs.
4. Stresses :- f_c = 3000 P.S.I.
   Allowable Tensile Stress at face = 200 P.S.I.
   f_s = 20000 P.S.I.



DETAIL A

SCALE: 1/2" = 1'-0"

© GUTTERIDGE HASKINS & DAVEY CONSULTING ENGINEERS

HOBART. MELBOURNE. LAUNCESTON.

METROPOLITAN WATER BOARD
RISDON BROOK DAM
PRELIMINARY BUTTRESS SECTIONS

SCALE	As shown.		1810-2-4
DESIGNED			
DRAWN	D.G.S.	7-2-64	
CHECKED			
APPROVED			REVISION

2465-82

2465