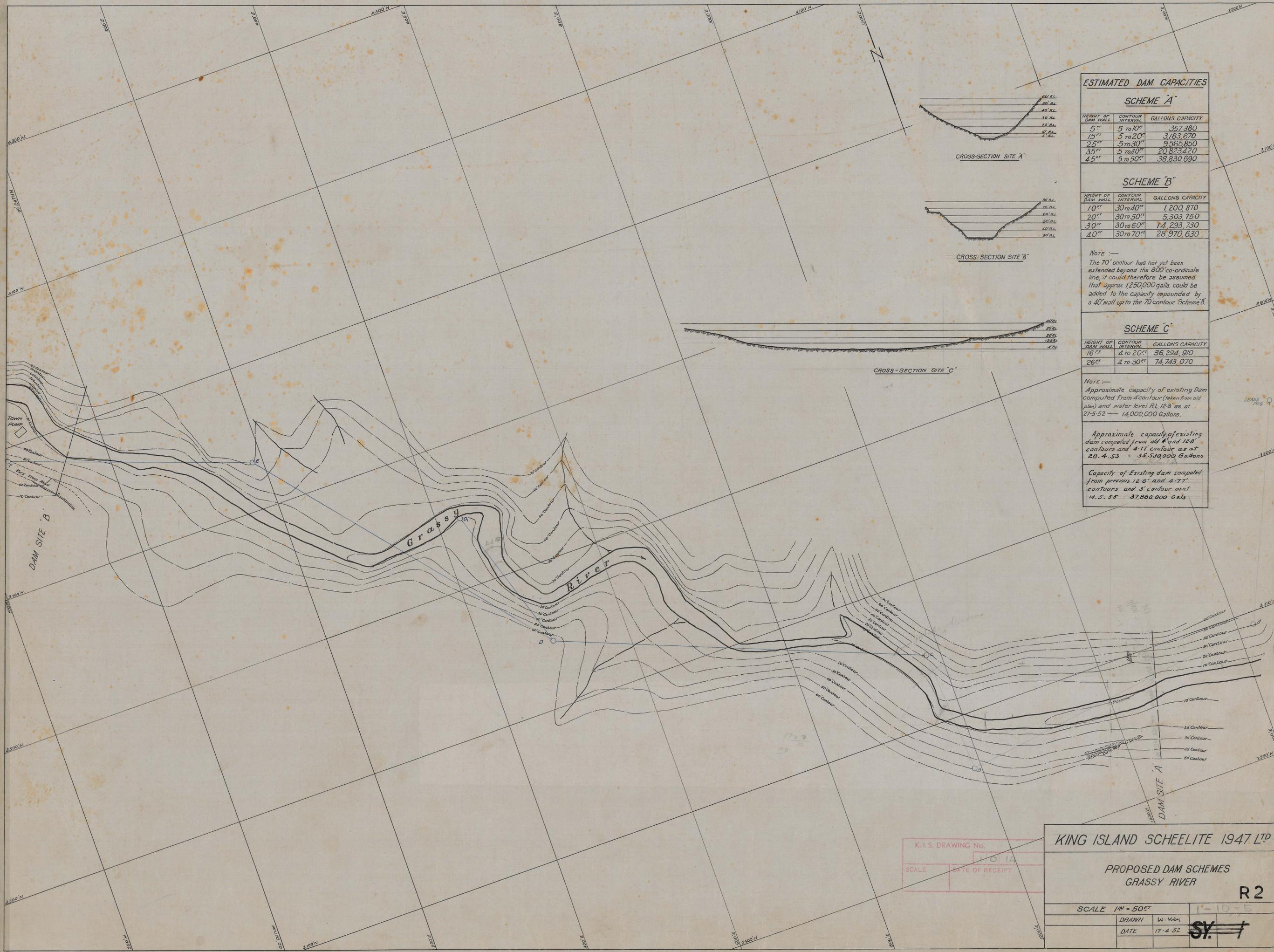


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ESTIMATED DAM CAPACITIES

SCHEME 'A'

HEIGHT OF DAM WALL	CONTOUR INTERVAL	GALLONS CAPACITY
5"	5 to 10"	357,380
15"	5 to 20"	3,183,670
25"	5 to 30"	9,565,850
35"	5 to 40"	20,823,420
45"	5 to 50"	38,830,690

SCHEME 'B'

HEIGHT OF DAM WALL	CONTOUR INTERVAL	GALLONS CAPACITY
10"	30 to 40"	1,200,870
20"	30 to 50"	5,303,750
30"	30 to 60"	14,293,730
40"	30 to 70"	28,970,630

NOTE:—  
The 70' contour has not yet been extended beyond the 800 co-ordinate line, it could therefore be assumed that approx 1,250,000 galls could be added to the capacity impounded by a 40' wall up to the 70' contour. Scheme B.

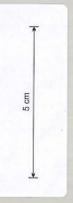
SCHEME 'C'

HEIGHT OF DAM WALL	CONTOUR INTERVAL	GALLONS CAPACITY
16"	4 to 20"	36,294,910
26"	4 to 30"	74,743,070

NOTE:—  
Approximate capacity of existing Dam computed from 4' contour (taken from old plan) and water level RL 12.8' as at 27-5-52 = 14,000,000 Gallons.

Approximate capacity of existing dam computed from old 4' and 12.8' contours and 4-77 contour as at 28.4.53 = 35,530,000 Gallons

Capacity of Existing dam computed from previous 12.8' and 4-77' contours and 3' contour as at 14.5.55 = 37,880,000 Gals



K.I.S. DRAWING No. 11014  
SCALE DATE OF RECEIPT

**KING ISLAND SCHEELITE 1947 LTD**

**PROPOSED DAM SCHEMES  
GRASSY RIVER**

**R2**

SCALE 1" = 50 FT 1-10-5

DRAWN	W. YEM
DATE	17.4.52

SY. 7

1-10-5