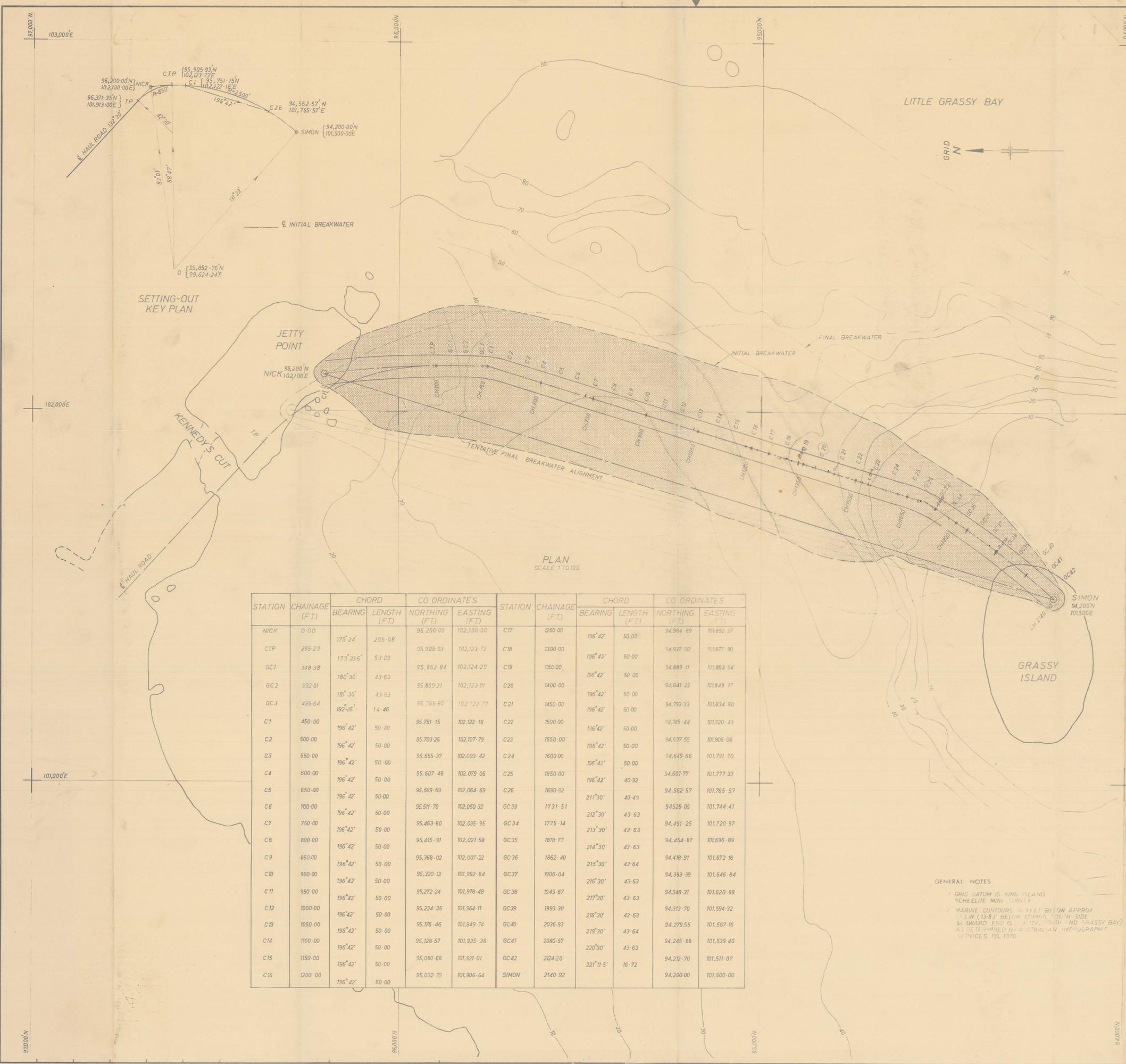


CSM-3516



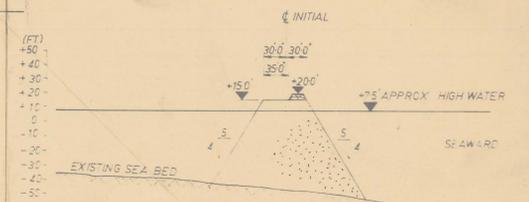
SETTING-OUT KEY PLAN

PLAN SCALE 1:100

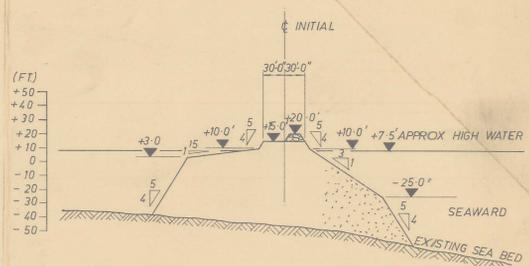
STATION	CHAINAGE (FT.)	CHORD		CO ORDINATES		STATION	CHAINAGE (FT.)	CHORD		CO ORDINATES	
		BEARING	LENGTH (FT.)	NORTHING (FT.)	EASTING (FT.)			BEARING	LENGTH (FT.)	NORTHING (FT.)	EASTING (FT.)
NICK	0+00	175° 24'	295.08	96,200.00	102,100.00	C17	1250.00	196° 42'	50.00	94,984.89	101,892.27
CTP	295+29	179° 23.5'	53.09	95,905.93	102,123.73	C18	1300.00	196° 42'	50.00	94,937.00	101,877.90
GC1	348+38	180° 30'	43.63	95,852.84	102,124.29	C19	1350.00	196° 42'	50.00	94,889.11	101,863.54
GC2	392+01	181° 30'	43.63	95,800.21	102,123.91	C20	1400.00	196° 42'	50.00	94,841.22	101,849.17
GC3	435+64	182° 25'	14.46	95,765.60	102,122.77	C21	1450.00	196° 42'	50.00	94,793.33	101,834.80
C1	450+00	196° 42'	50.00	95,751.15	102,122.16	C22	1500.00	196° 42'	50.00	94,745.44	101,820.43
C2	500+00	196° 42'	50.00	95,703.26	102,107.79	C23	1550.00	196° 42'	50.00	94,697.55	101,806.06
C3	550+00	196° 42'	50.00	95,655.37	102,093.42	C24	1600.00	196° 42'	50.00	94,649.66	101,791.70
C4	600+00	196° 42'	50.00	95,607.48	102,079.06	C25	1650.00	196° 42'	40.92	94,601.77	101,777.33
C5	650+00	196° 42'	50.00	95,559.59	102,064.69	C26	1690.92	211° 30'	40.49	94,552.57	101,765.57
C6	700+00	196° 42'	50.00	95,511.70	102,050.32	GC33	1731.51	212° 30'	43.63	94,528.05	101,744.41
C7	750+00	196° 42'	50.00	95,463.80	102,035.95	GC34	1775.14	213° 30'	43.63	94,491.25	101,720.97
C8	800+00	196° 42'	50.00	95,415.91	102,021.58	GC35	1818.77	214° 30'	43.63	94,454.87	101,696.89
C9	850+00	196° 42'	50.00	95,368.02	102,007.22	GC36	1862.40	215° 30'	43.64	94,418.91	101,672.18
C10	900+00	196° 42'	50.00	95,320.13	101,992.84	GC37	1906.04	216° 30'	43.63	94,383.39	101,646.84
C11	950+00	196° 42'	50.00	95,272.24	101,978.48	GC38	1949.67	217° 30'	43.63	94,348.31	101,620.88
C12	1000+00	196° 42'	50.00	95,224.35	101,964.11	GC39	1993.30	218° 30'	43.63	94,313.70	101,594.32
C13	1050+00	196° 42'	50.00	95,176.46	101,949.74	GC40	2036.93	219° 30'	43.64	94,279.55	101,567.16
C14	1100+00	196° 42'	50.00	95,128.57	101,935.38	GC41	2080.57	220° 30'	43.63	94,245.88	101,539.40
C15	1150+00	196° 42'	50.00	95,080.68	101,921.01	GC42	2124.20	221° 11.5'	16.72	94,212.70	101,511.07
C16	1200+00	196° 42'	50.00	95,032.79	101,906.64	SIMON	2140.92			94,200.00	101,500.00

GENERAL NOTES

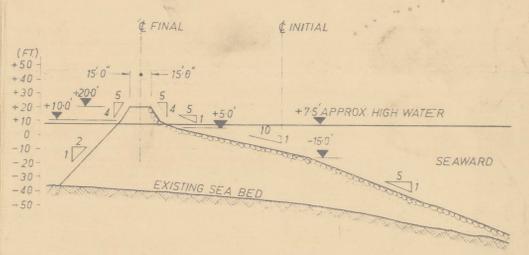
- 1 GRID DATUM IS KING ISLAND SCHEELITE MINE SURVEY
- 2 MARINE CONTOURS IN FEET BELOW APPROX. T.L.W. (13.8) BELOW CHINA 130° W SIDE SEAWARD END OF CUT. WITH NO GRASSY BAY AS DETERMINED BY AUSTRALIAN HYDROGRAPHIC SERVICES PA 1970



STAGE 1: INITIAL PLACEMENT PROFILE



STAGE 2: INITIAL WEATHERED PROFILE



STAGE 3: TENTATIVE FINAL PROFILE

PROGRESSIVE BREAKWATER PROFILES

VERTICAL SCALE 1"=50'
HORIZONTAL SCALE 1"=100'

NOTE: DATA FOR LEVELS IS AS FOR PLAN OPPOSITE
KEY: [Symbol] CLASS A FILL (SELECTED 2 TO 10 TONS)
[Symbol] CLASS B FILL (RUN OF QUARRY TO 2 TONS)

REV	DATE	DESCRIPTION
B	AUG 70	INITIAL ALIGNMENT & PROFILE AMENDED
A	JUN 70	EASTINGS FROM STATION GC1 TO GC42 AMENDED
KING ISLAND SCHEELITE (1947) LTD.		
PORT AT LITTLE GRASSY BAY MAIN BREAKWATER-CONSTRUCTION PROCEDURE		
MAUNSELL & PARTNERS CONSULTING ENGINEERS		
SYDNEY CANBERRA MELBOURNE ADELAIDE PERTH		
SCALE AS SHOWN		DRG. No. 2070/2 B
DATE		
DATE OF ISSUE		

5cm