DATUM : LOW WATER ORDINARY SPRING TIDE

BENCH MARK : BRASS PLUG - STATION 3995 LOCATED AT CO-ORDINATES N 546,662.98 AND E 1,112,606.22 ; ELEVATION 30.18 FT. ABOVE L.W.O.S.T.

TYPE OF MATERIAL : CLASS B - AS DESCRIBED IN DETAIL IN THE SOILS REPORT AVAILABLE AT THE OFFICE OF THE ENGINEER.

LOCATION OF DUMPING GROUND : 3.5 TO 5.5 MILES SOUTH EAST OF DREDGING SITE AT BLACK POINT.

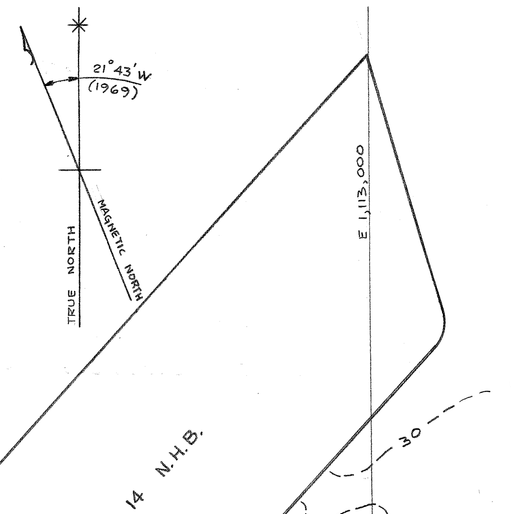
DEPTH OF DREDGING : DREDGE AREAS A, B AND D TO 22 FEET BELOW L.W.O.S.T.
DREDGE AREA C TO 5 FEET BELOW L.W.O.S.T.

TIDAL RANGE DURING DREDGING PERIOD : 27 FEET

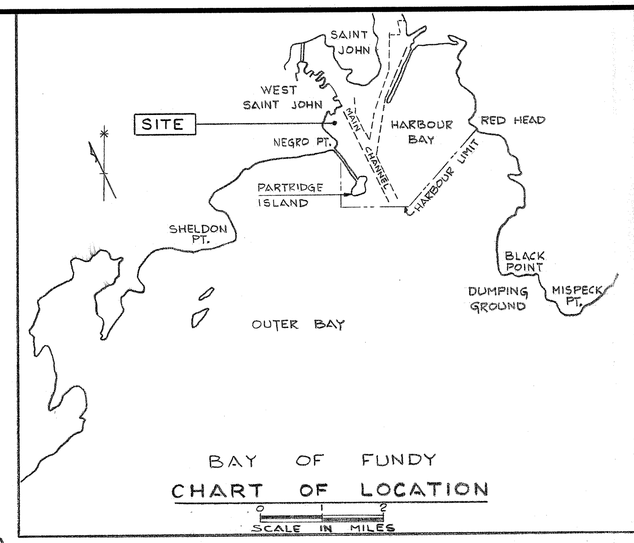
DREDGE AREA		WIDTH	LENGTH
AREA A	(TRIANGLE)	555'	720'
AREA B		155'	630'
AREA C		140'	330'
AREA D	(TRAPEZIUM)	0 TO 225'	540'

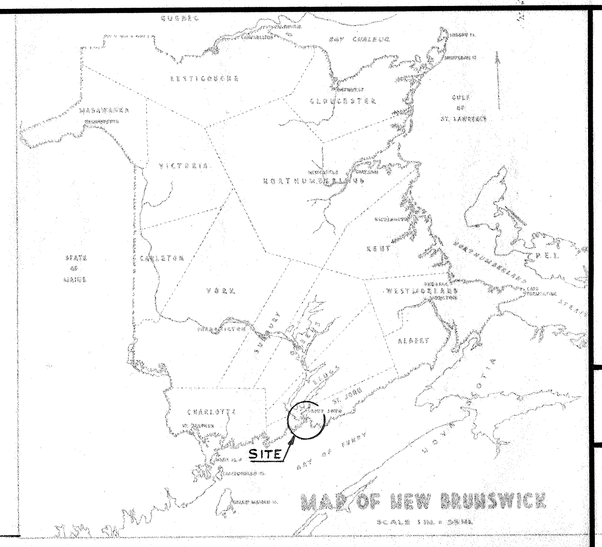
SIDE SLOPES : TWO HORIZONTAL TO ONE VERTICAL

PRIORITY AREA: AREA B
AREA C
AREA D
AREA A



PLAN
(SCALE : 1 IN.= 100 FT.)





GENERAL NOTES

(A) CONTOURS

(i) ALL CONTOURS ARE EXPRESSED IN FEET RELATIVE TO LOW WATER ORDINARY SPRING TIDE DATUM. (L.W.O.S.T.)

(ii) CONTOURS BELOW MEAN WATER LEVEL WERE TAKEN FROM DEPARTMENT OF PUBLIC WORKS SOUNDING SURVEY DATED MARCH 4, 1968 AND ARE GOOD ONLY ON DATE TAKEN.

(iii) CONTOURS ABOVE MEAN WATER LEVEL WERE TAKEN FROM FENCO SURVEYS DATED FEB. AND MAY, 1969 AND ARE GOOD ONLY ON DATE TAKEN.

(B) BOREHOLES

REFER TO GEOCON REPORT NUMBER F 1077 DATED APRIL 18, 1969 FOR DETAILS OF BOREHOLES.

(C) CO-ORDINATES

CO-ORDINATES AND GRID SHOWN ARE BASED ON THE NEW BRUNSWICK GRID AND SURVEY POINTS NO. 3994 AND NO. 3995.

Department of Public Works
Ministère des Travaux publics

REGISTERED PROFESSIONAL ENGINEER
L. Hagerty
PROVINCE OF NEW BRUNSWICK

A detail no. / détail no.
B location drawing no. / sur dessin no.
C drawing no. / dessin no.
revisions / date

FENCO
FOUNDATION OF CANADA ENGINEERING CORPORATION LIMITED

SCALE 1 INCH = 100 FEET

DRAWING NUMBER 3494-10-1 REV. NO.

	COMP.	DWG.	REG.
MADE		P.G.	
CHKD		JNH	
DATE		MAY 30/69	
BRIDGE		MECH. DESIGN	
ELECTRICAL		MECH. PROCESS	
HEAVY ENG.		MECH. SERVICES	
HIGHWAYS		STRUCTURAL	
IND. DESIGN			
DEPT. HEAD	MMK	PROJECT ENG.	

ISSUE
DATE

project title / titre du projet
FERRY TERMINAL FACILITIES
Saint John New Brunswick

drawing title / titre du dessin
DREDGING
Plan

designed by J.A. HALSTING / conçu par
date MAY 30, 1969
drawn by P. GRIESBACH / dessiné par
date MAY 30, 1969
reviewed by B. Stovall Rhys / examiné par
date June 17/69
approved by [illegible] / approuvé par
date 17-6-69
project number / no. du projet
D 3 - 611
drawing no. / dessin no.
1 of 1

DPW 700F

LOCAL PLAN NO. 14

SAINT JOHN

52/34-8

1/1