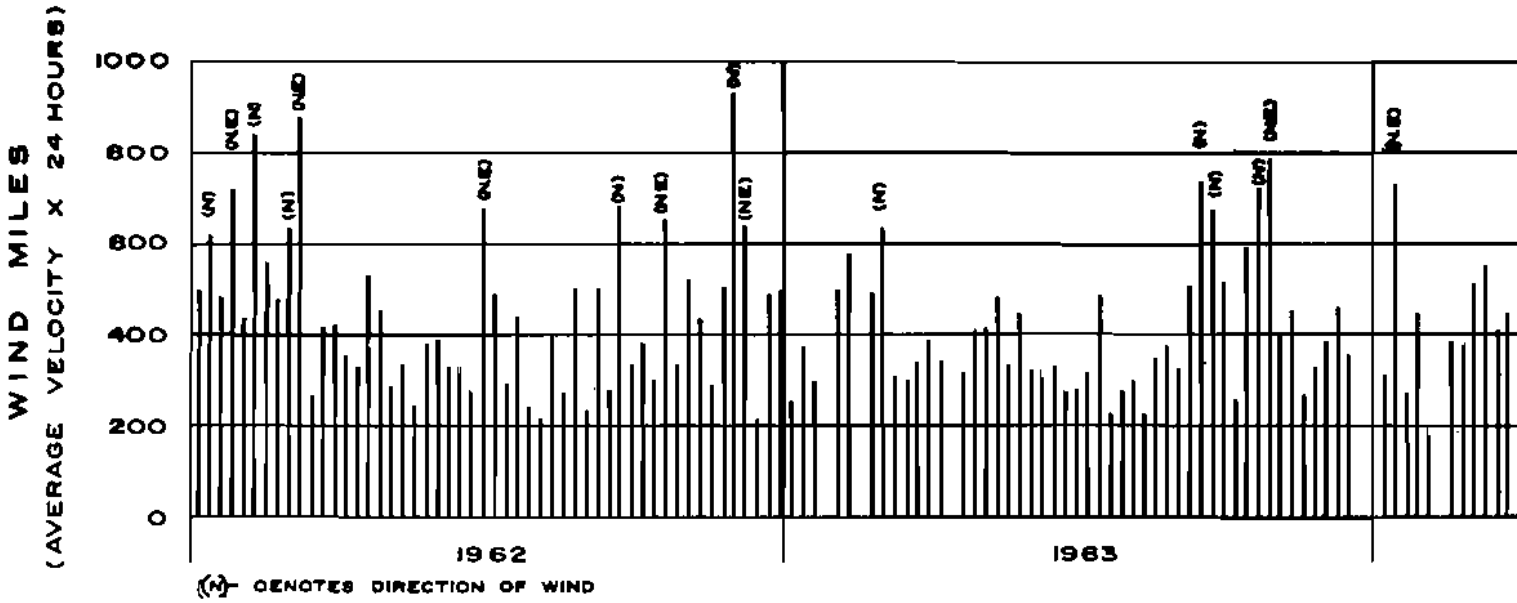
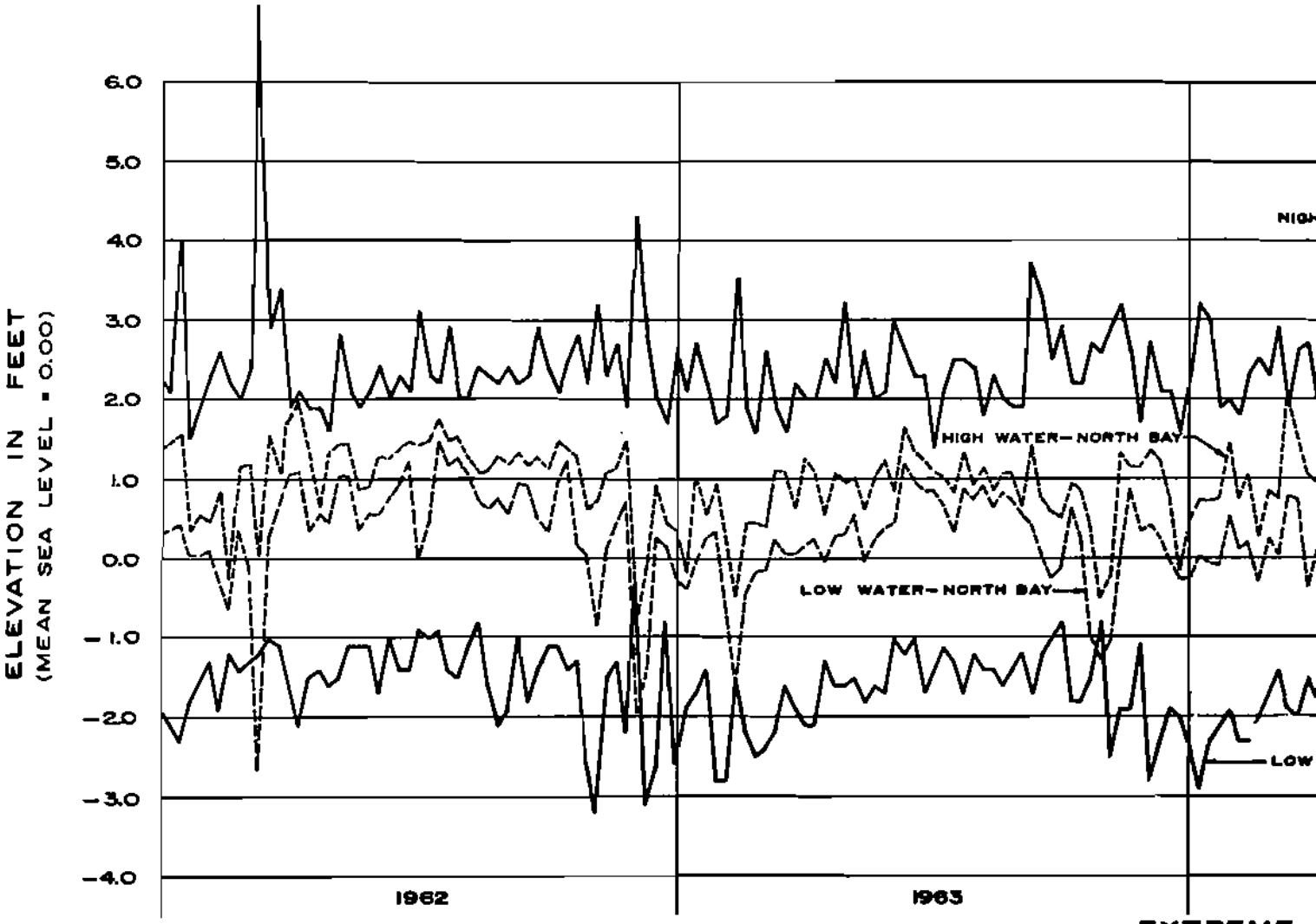


MAXIMU



EXTREME

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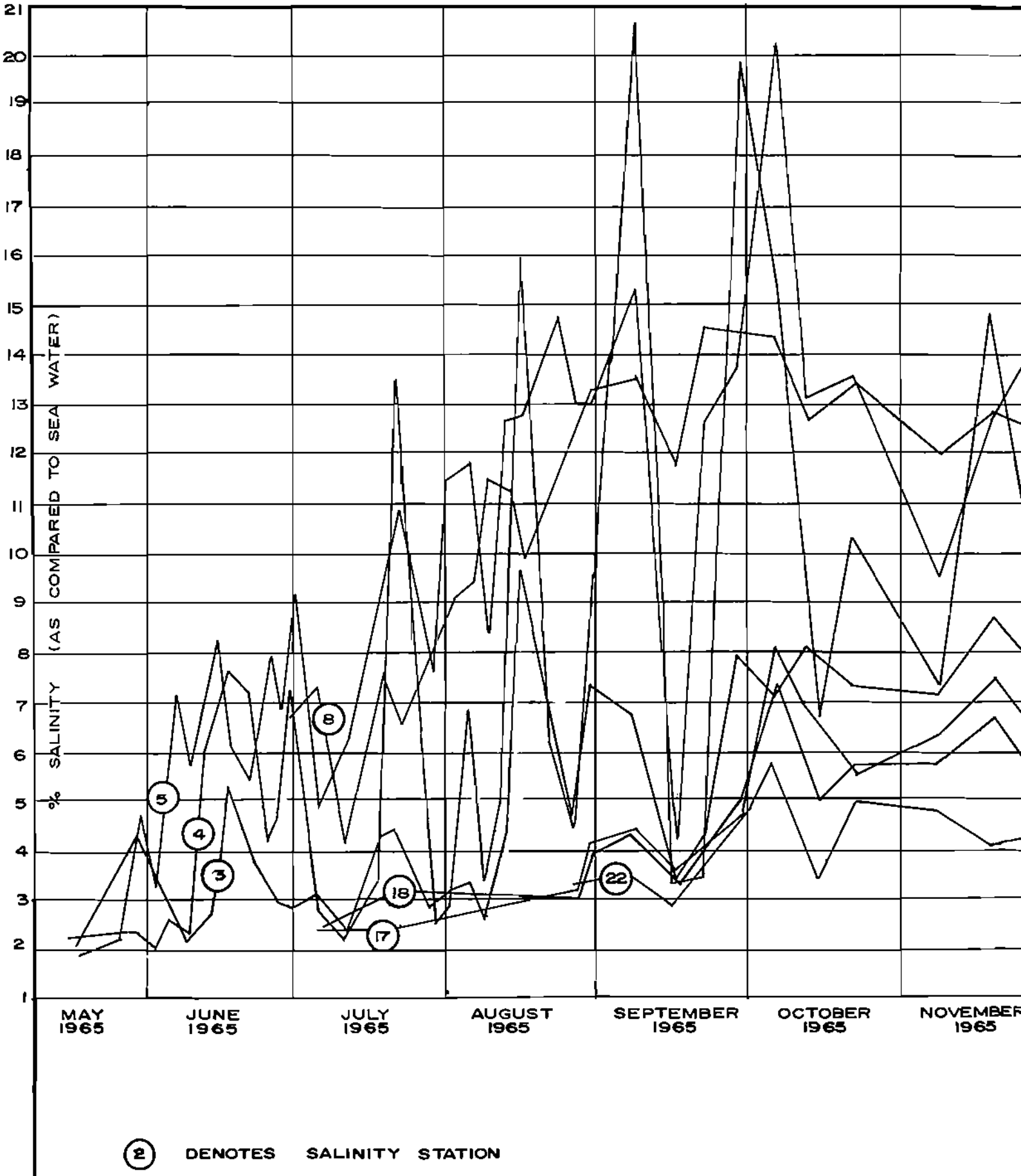
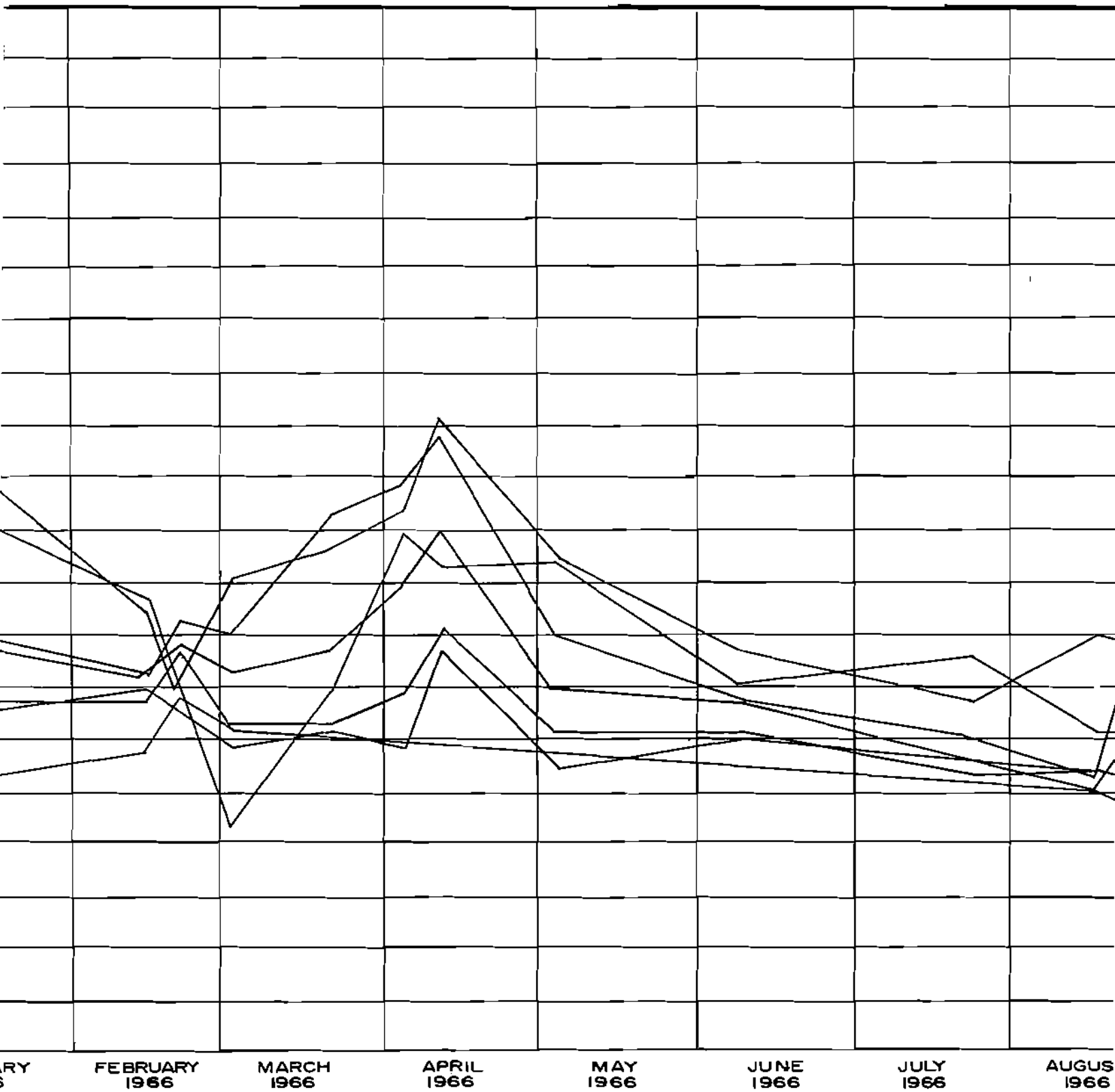
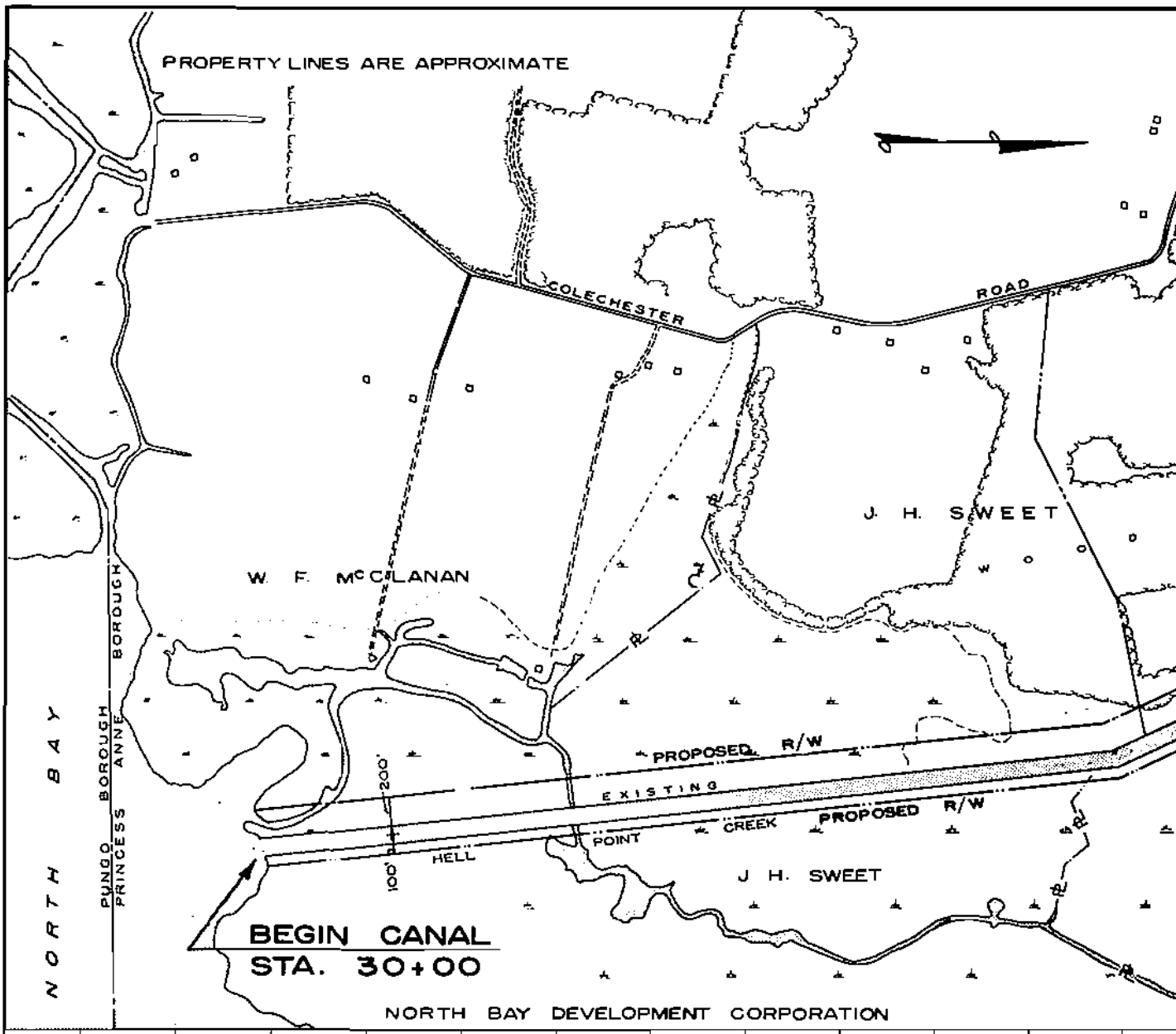
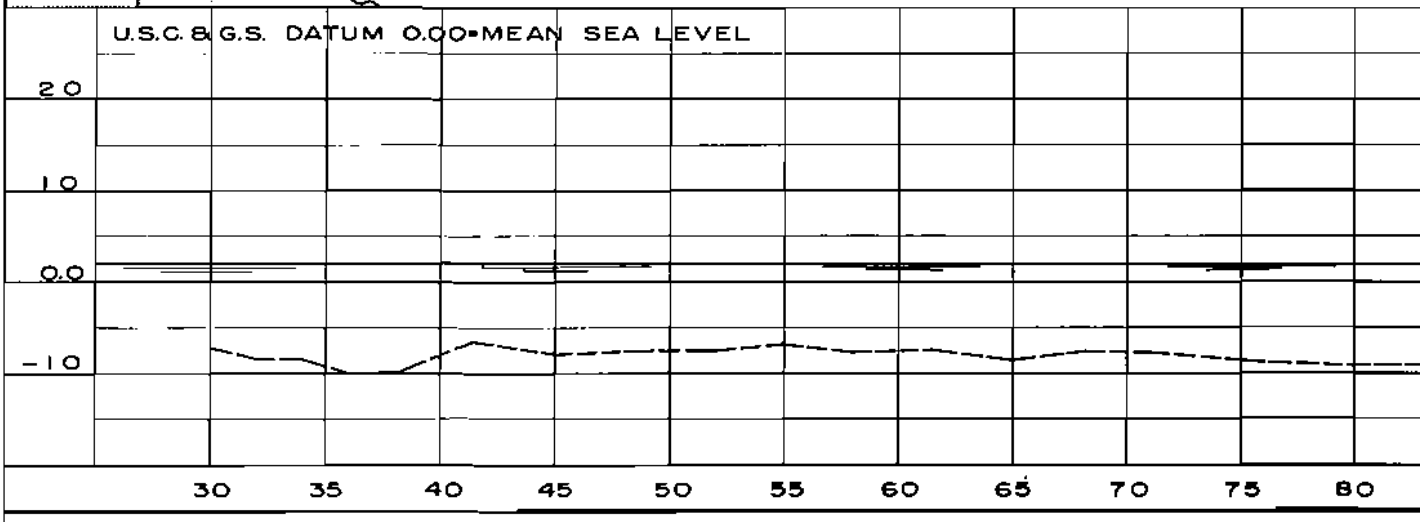

% SALINITY (AS COMPARED TO SEA WATER)
21
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
MAY 1965
JUNE 1965
JULY 1965
AUGUST 1965
SEPTEMBER 1965
OCTOBER 1965
NOVEMBER 1965
5
4
3
8
18
17
22
(2) DENOTES SALINITY STATION



SALINITY GRAPHS OF SELECTED STATIONS





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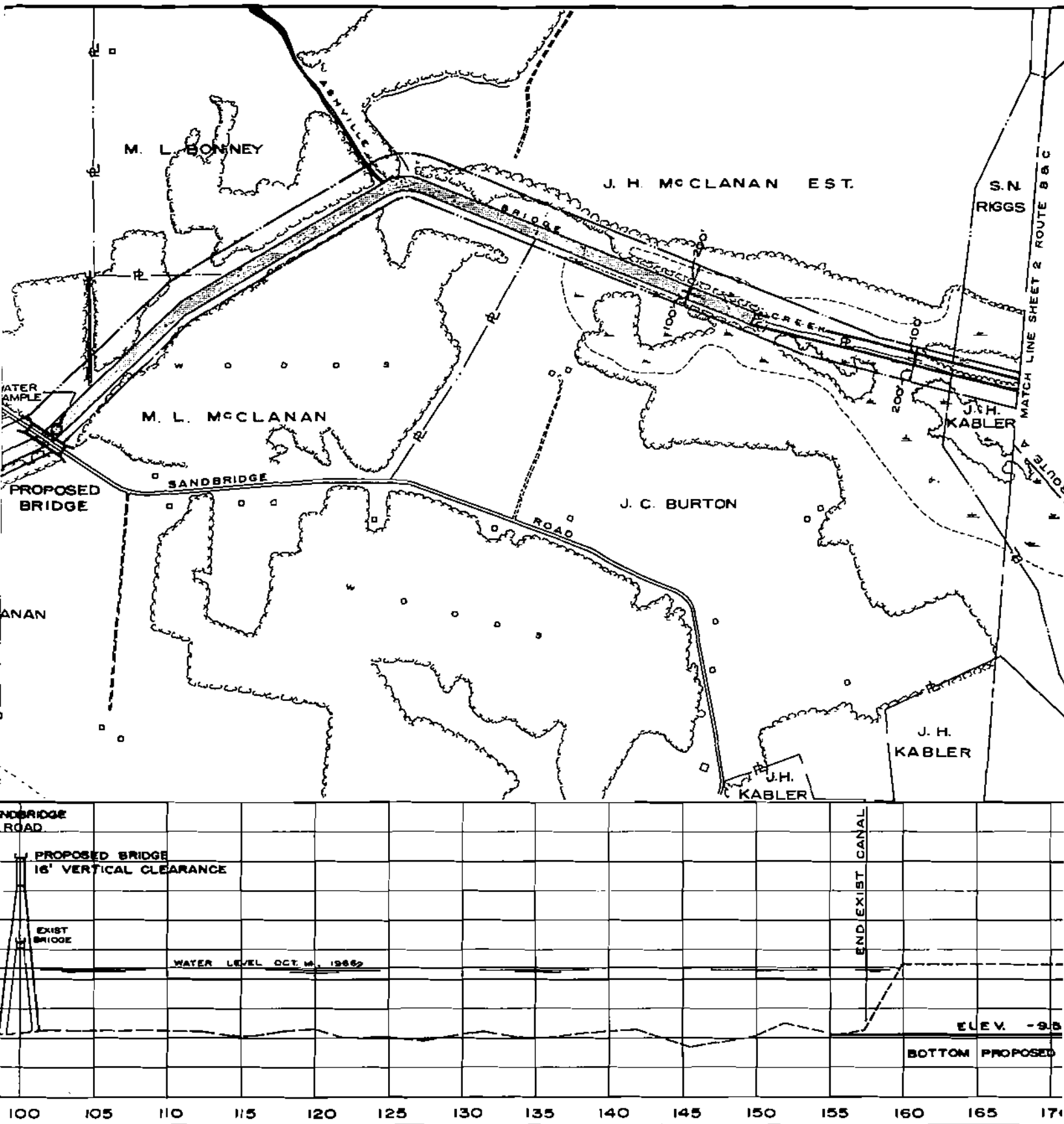

M. L. BONNEY
J. H. McCLANAN EST.
S.N. RIGGS
MATCH LINE SHEET 2 ROUTE B & C
BRIDGE
CREEK
M. L. McCLANAN
PROPOSED BRIDGE
SANDBRIDGE ROAD
J. C. BURTON
J.H. KABLER
J. H. KABLER
J.H. KABLER
PROPOSED BRIDGE
16' VERTICAL CLEARANCE
EXIST BRIDGE
WATER LEVEL OCT. 14, 1966
END EXIST CANAL
ELEV. -9.5
BOTTOM PROPOSED
100
105
110
115
120
125
130
135
140
145
150
155
160
165
SCALES
CITY OF VIRGINIA BEACH, VIRGINIA
DRAINAGE CANAL—NORTH BAY TO RUDEE
ROUTE A, B & C

PROPOSED CANAL ROUTE

'A'

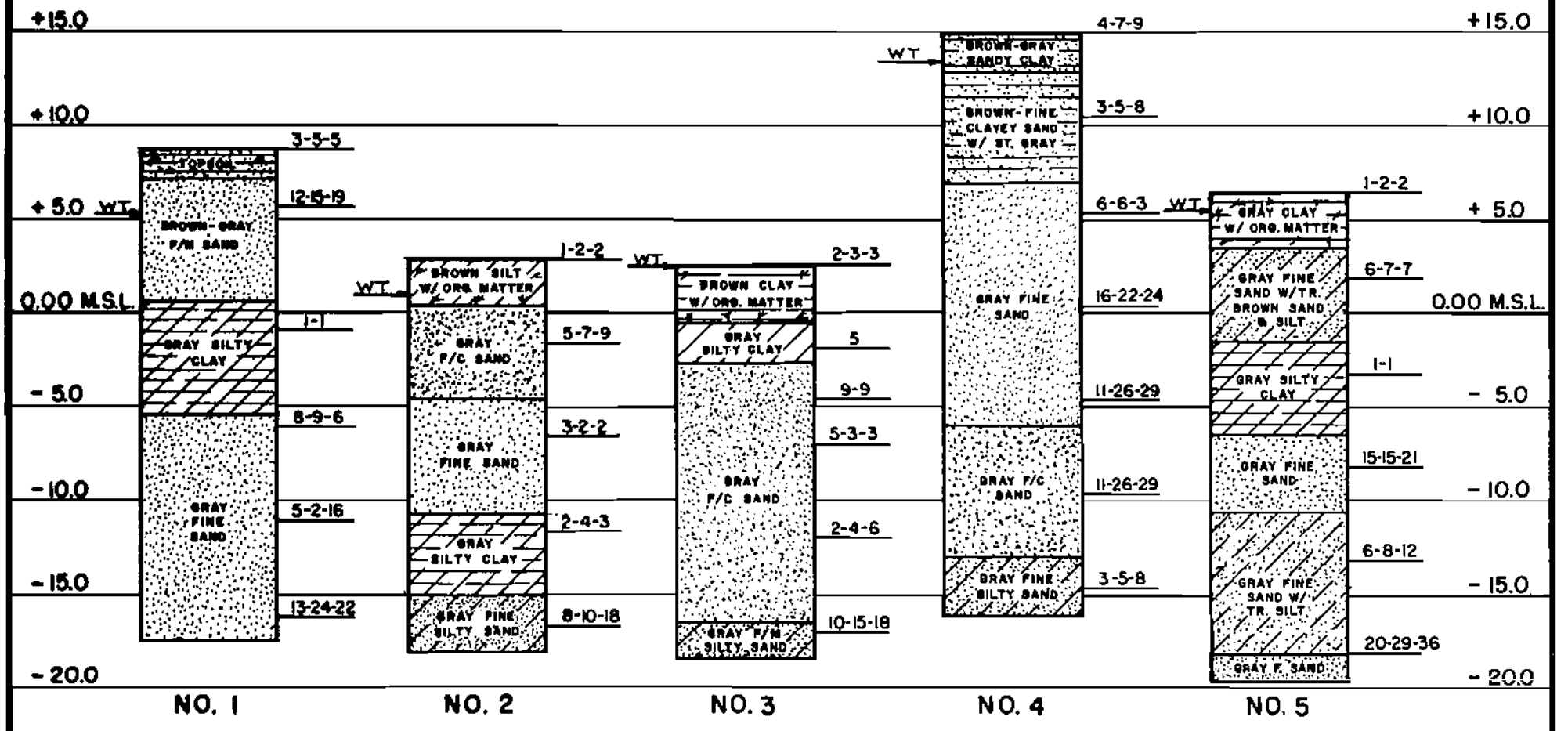
PROPOSED CANAL ROUTE

'B'

PROPOSED CANAL ROUTE

'C'

BORINGS

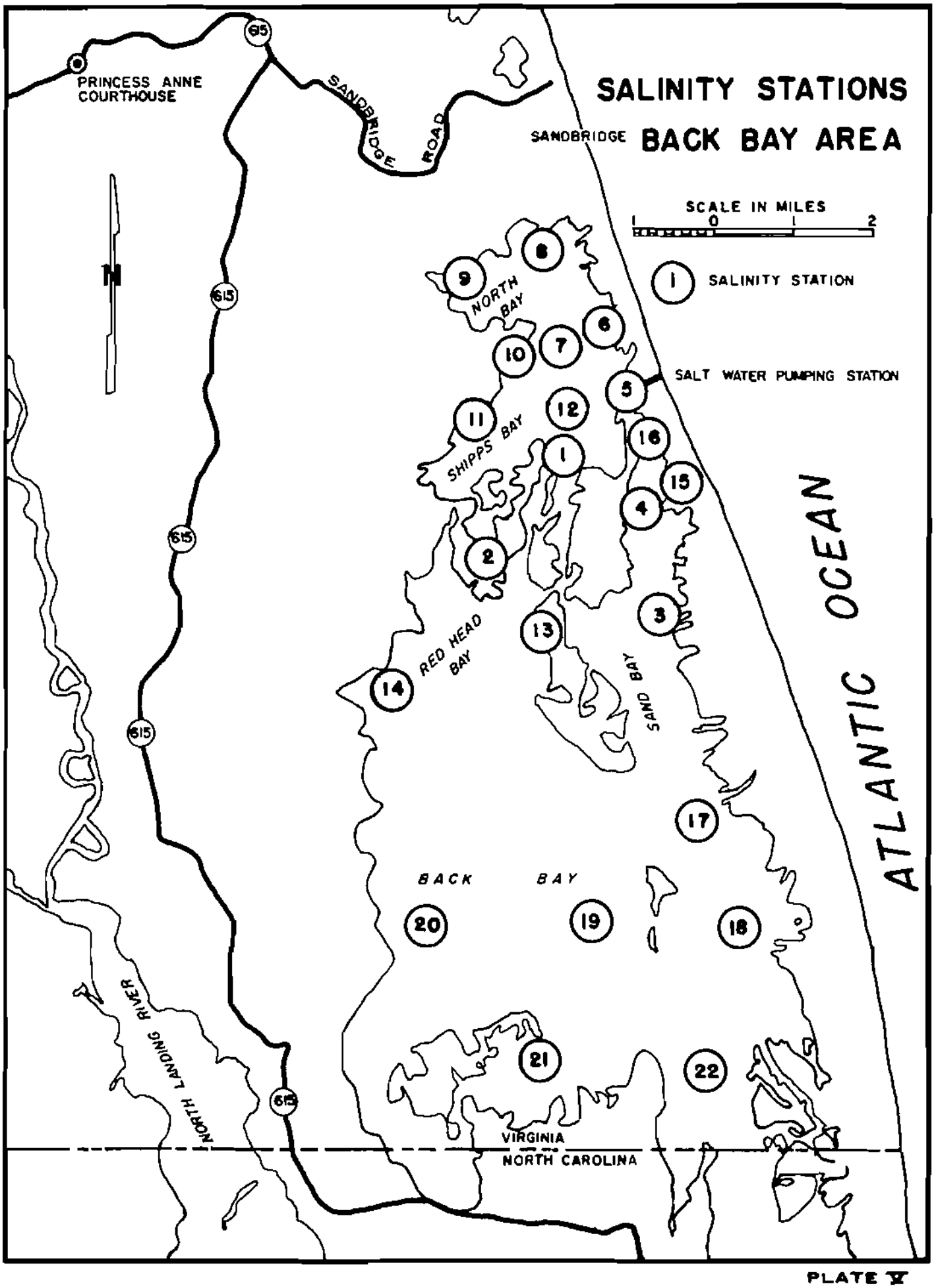


NOTE 1. FOR LOCATIONS OF BORINGS SEE THE FOLLOWING SHEETS:

BORING NO. 1 – RTE. 'A' SHEET 2
BORING NO. 2 – RTE. A SHEET 3
BORING NO. 3 – RTE. B&C SHEET 2
BORING NO. 4 – RTE. A&C SHEET 4
BORING NO. 5 – RTE. A SHEET 3

NOTE 2. 5-11-18 INDICATES THE NUMBER OF BLOWS REQUIRED TO DRIVE SAMPLER 6" USING A 140 POUND WEIGHT FALLING 30"

PLATE XI


SALINITY STATIONS
SANDBRIDGE BACK BAY AREA
SCALE IN MILES
1 0 1 2
1 SALINITY STATION
SALT WATER PUMPING STATION
PRINCESS ANNE COURTHOUSE
SANDBRIDGE ROAD
N
615
NORTH BAY
SHIPPS BAY
RED HEAD BAY
SAND BAY
BACK BAY
ATLANTIC OCEAN
NORTH LANDING RIVER
VIRGINIA
NORTH CAROLINA
1
2
3
4
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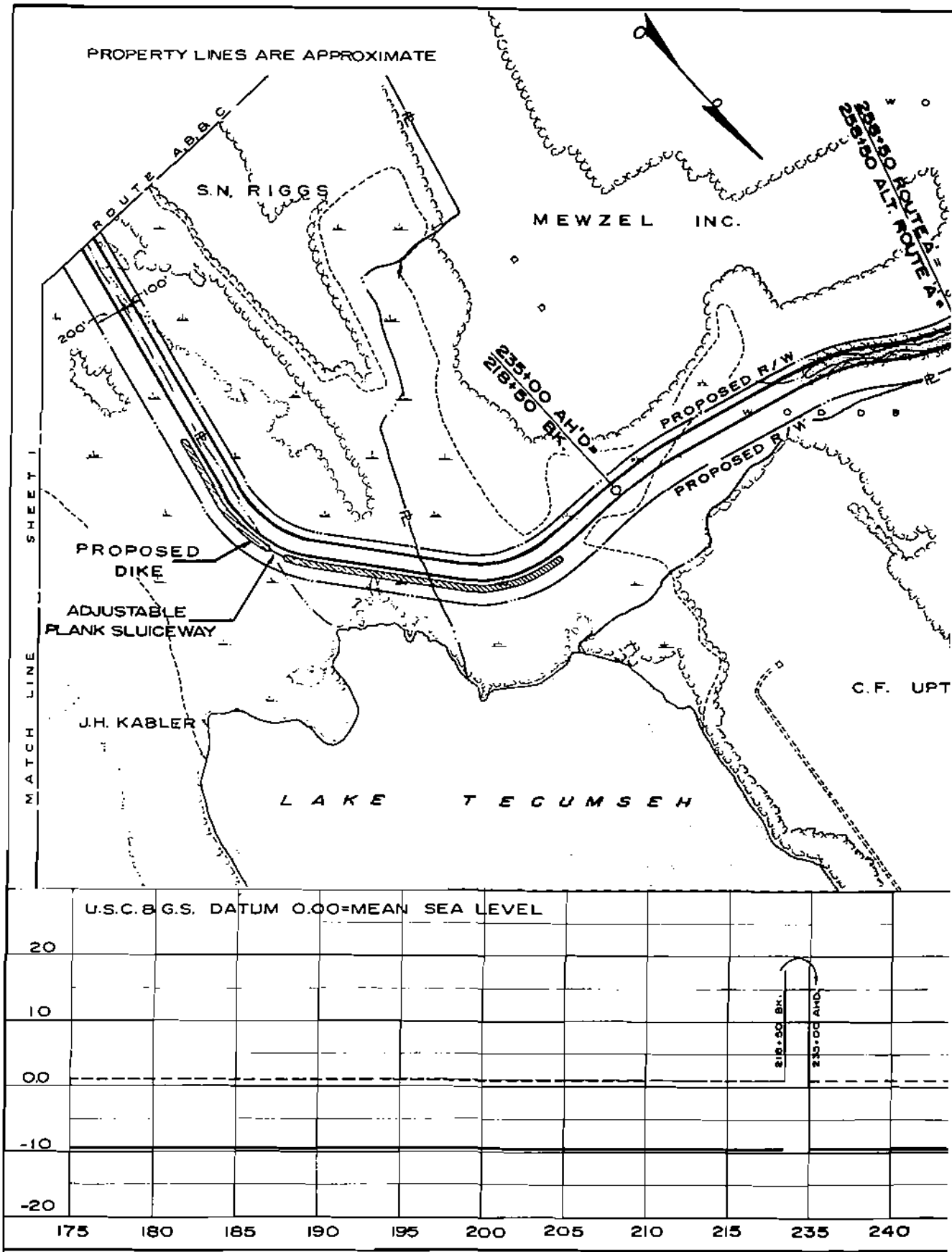
20
21
22

PLATE V



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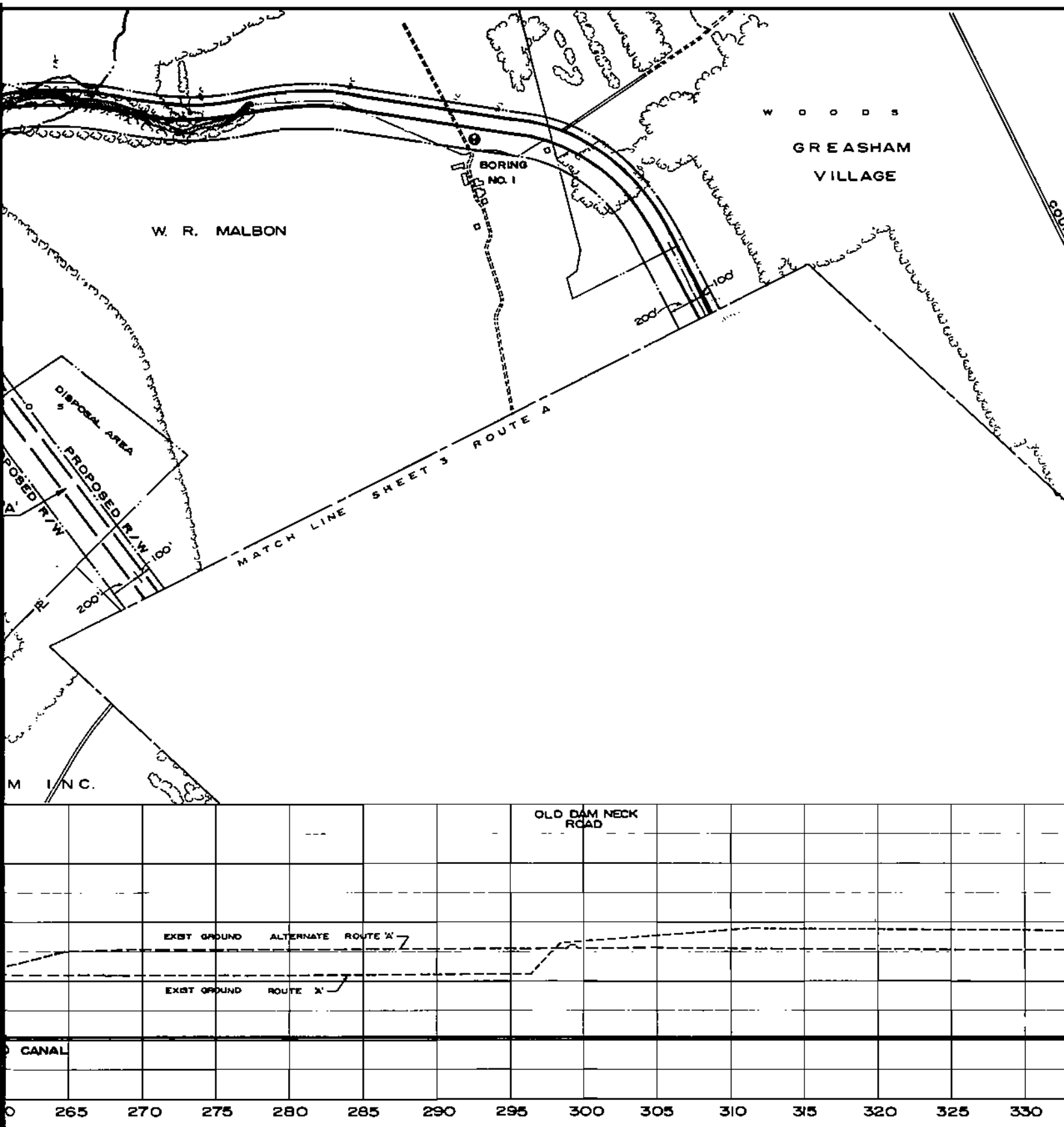
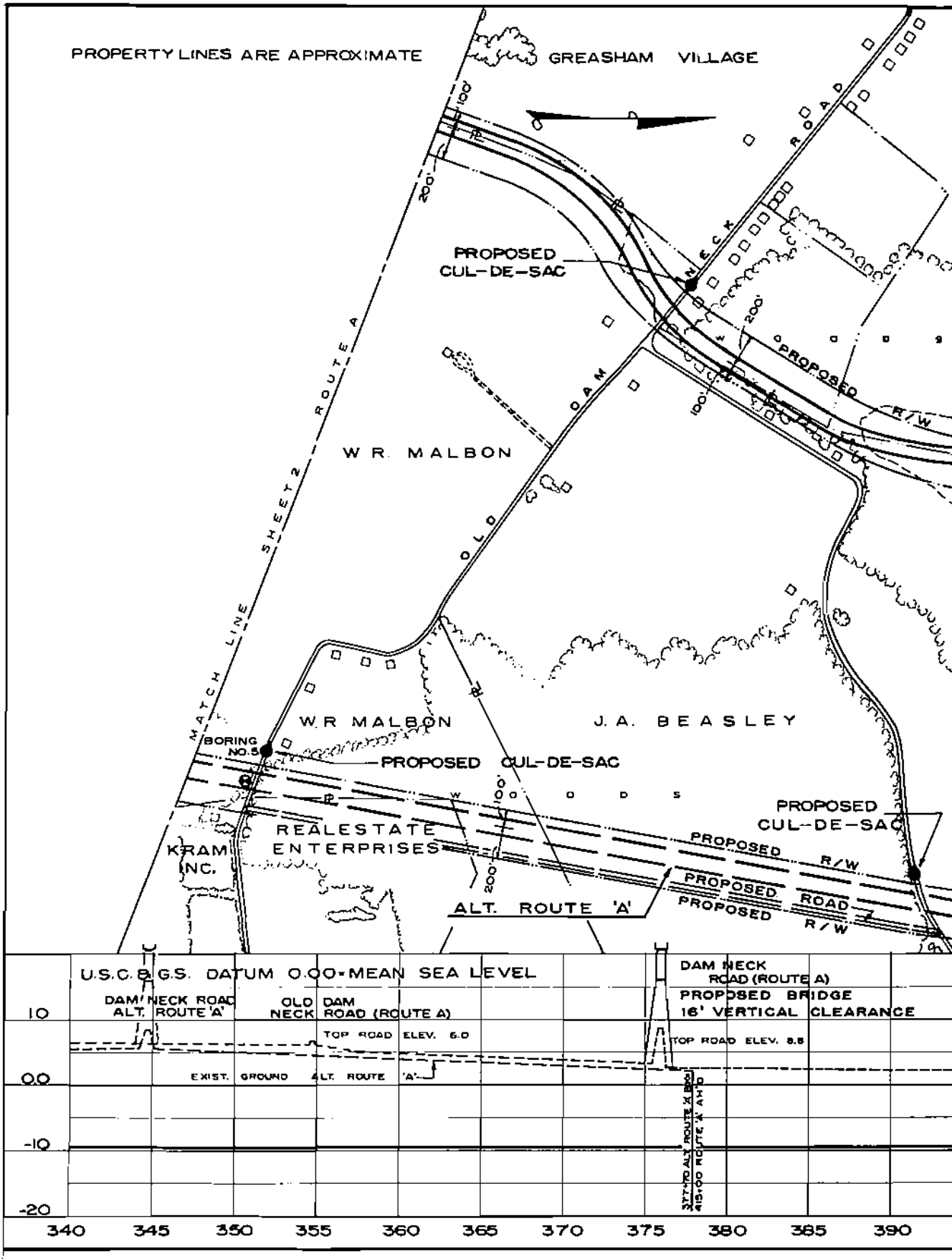


SCALES

CITY OF VIRGINIA BEACH, VIRGINI

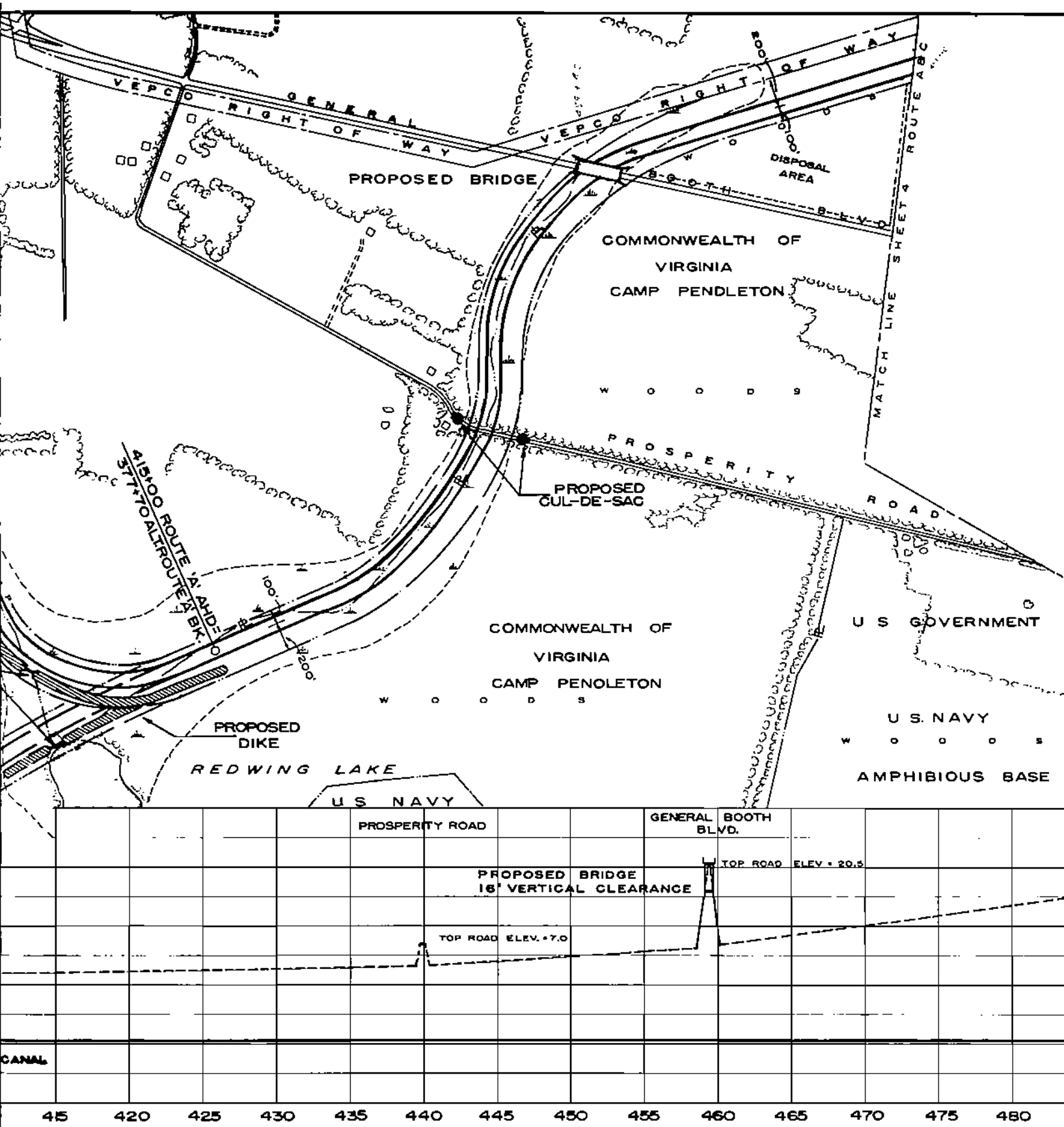
DRAINAGE CANAL–NORTH BAY TO RUD

ROUTE A



LANGLEY, McDONALD & OVERMAN

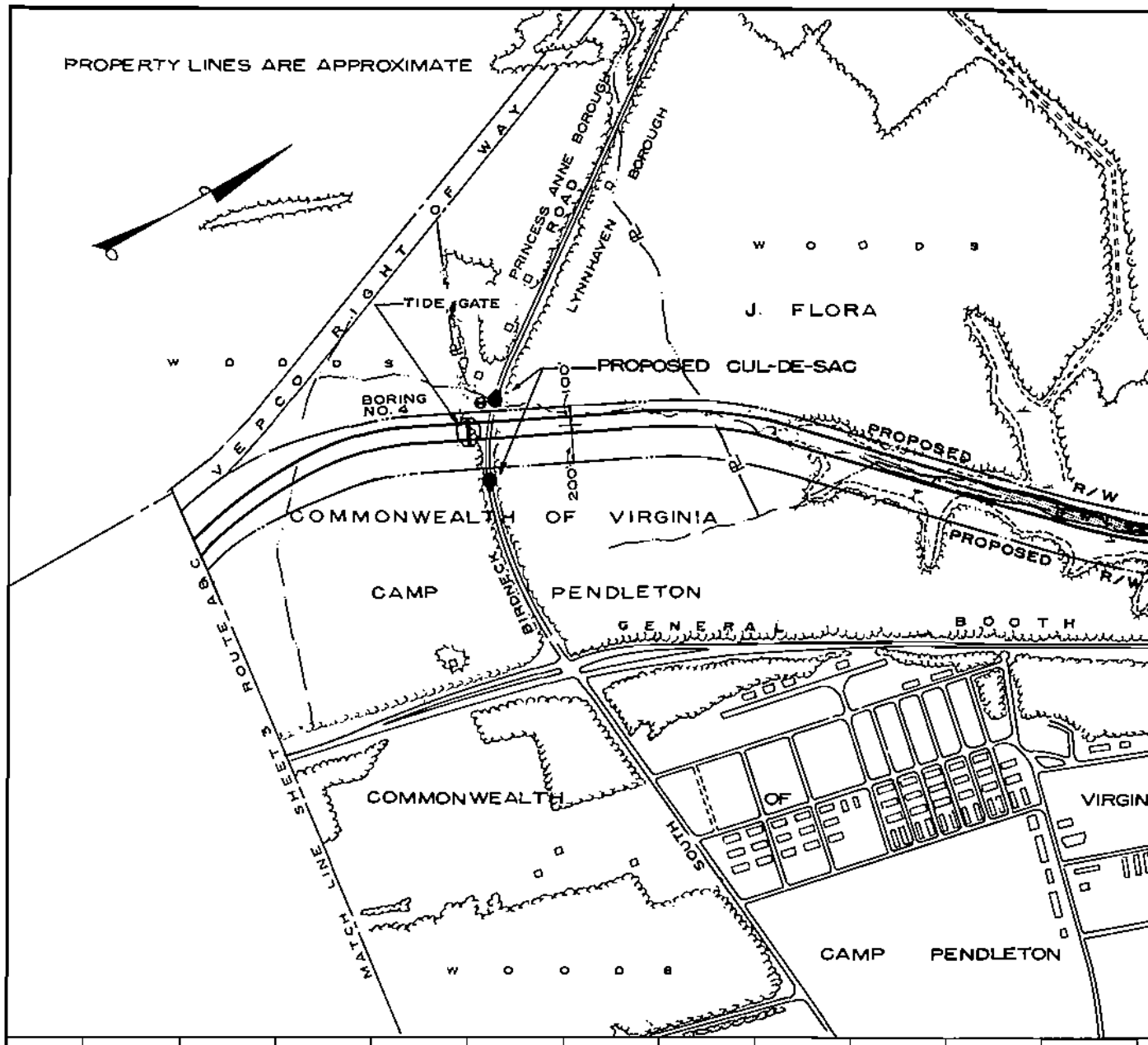
CONSULTING ENGINEERS

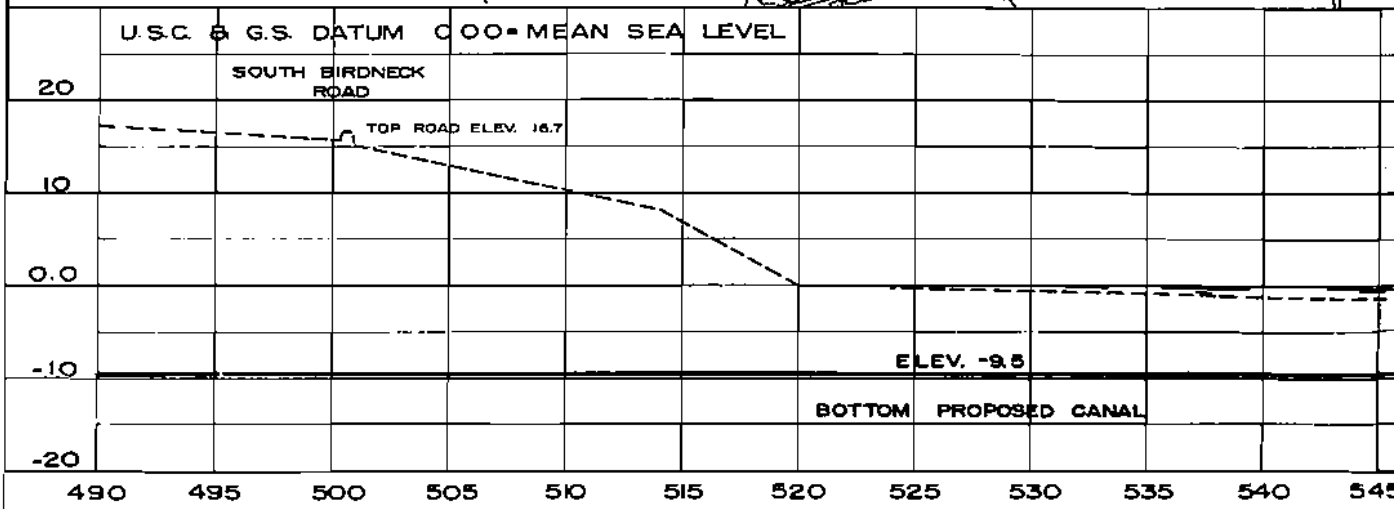


CITY OF VIRGINIA BEACH, VIRGI

DRAINAGE CANAL–NORTH BAY TO RUD

ROUTE A





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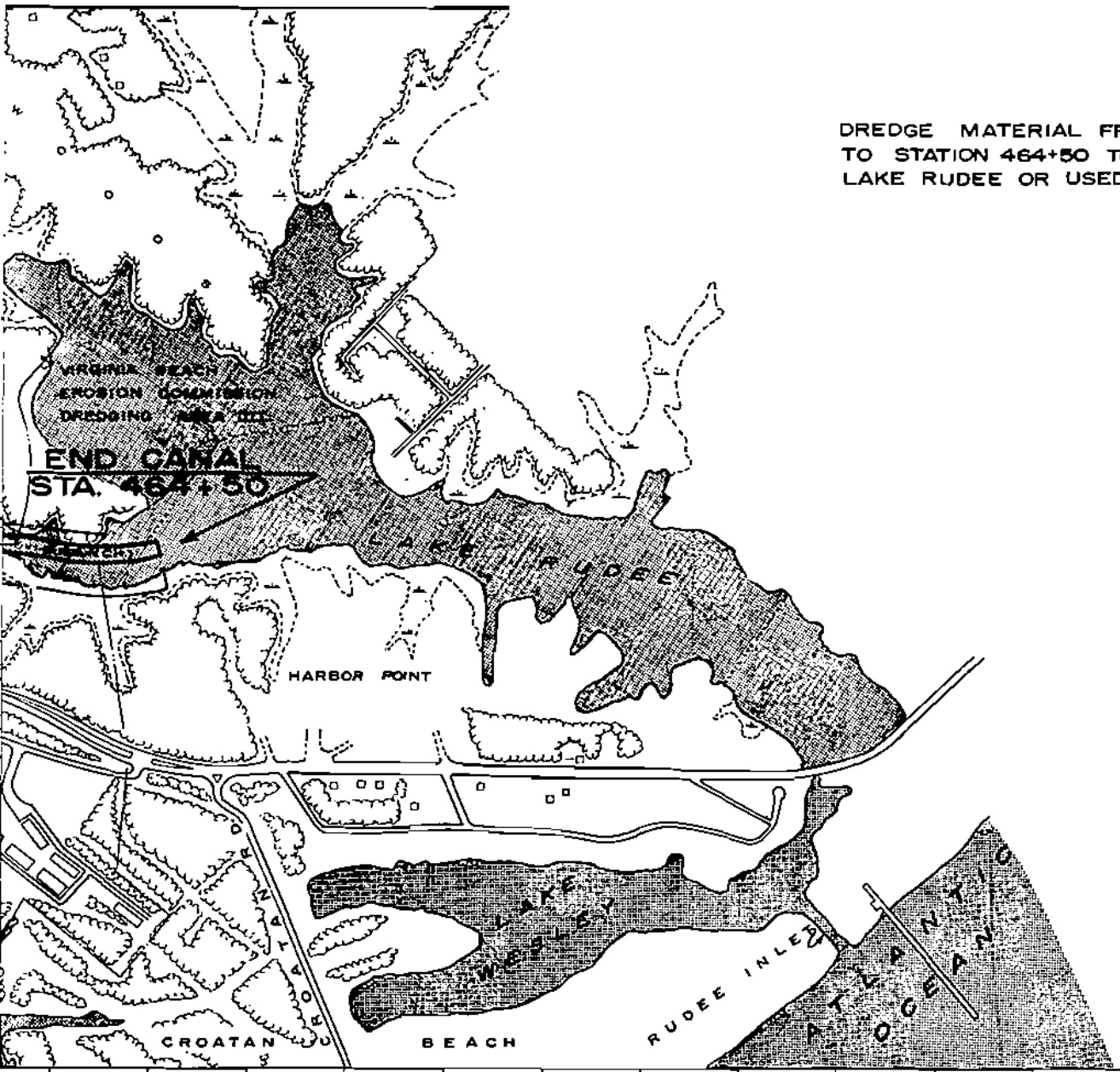
CONSULTING ENGINEERS

DREDGE MATERIAL FROM STATION 406+00 TO STATION 464+50 TO BE DEPOSITED IN LAKE RUDEE OR USED FOR BEACH NOURISH



E RUDEE

565 570

SCALES

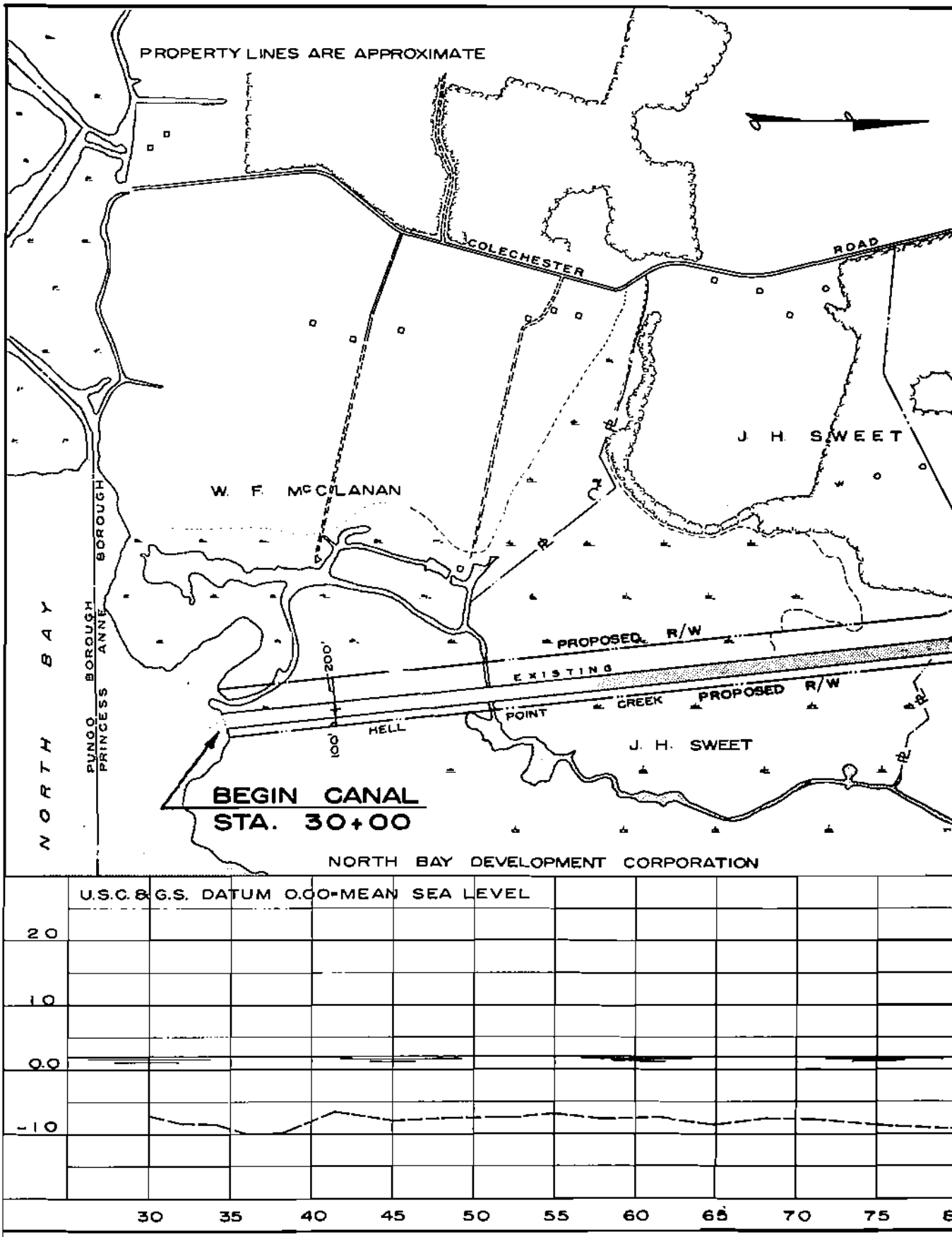
AL 100' 0' 400' 800' 1200'

10' 0' 10' 20'

CITY OF VIRGINIA BEACH, VIRGINIA

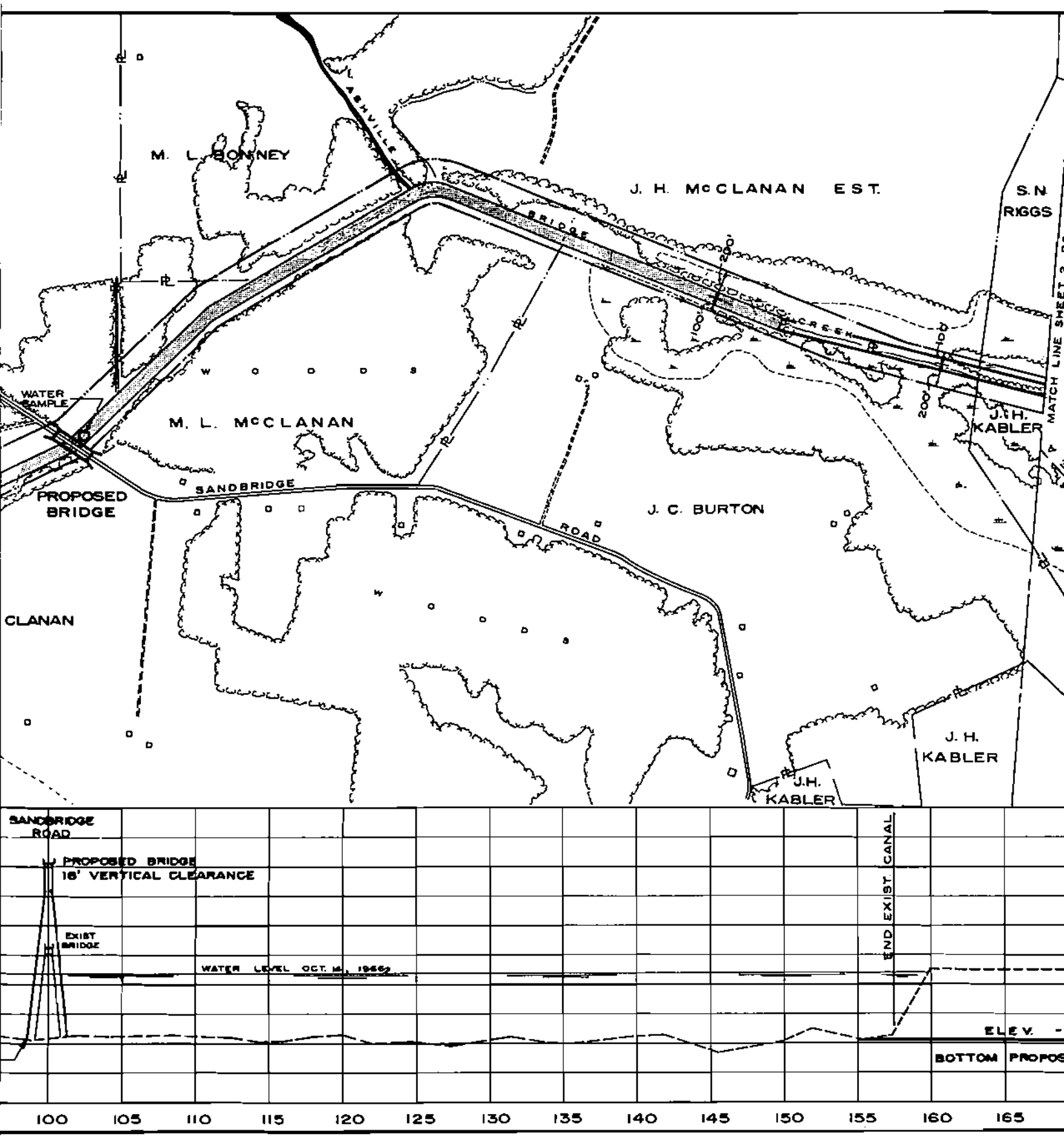
DRAINAGE CANAL-NORTH BAY TO RUDE

ROUTE A & C



LANGLEY, McDONALD & OVERMAN

CONSULTING ENGINEERS



SCALES

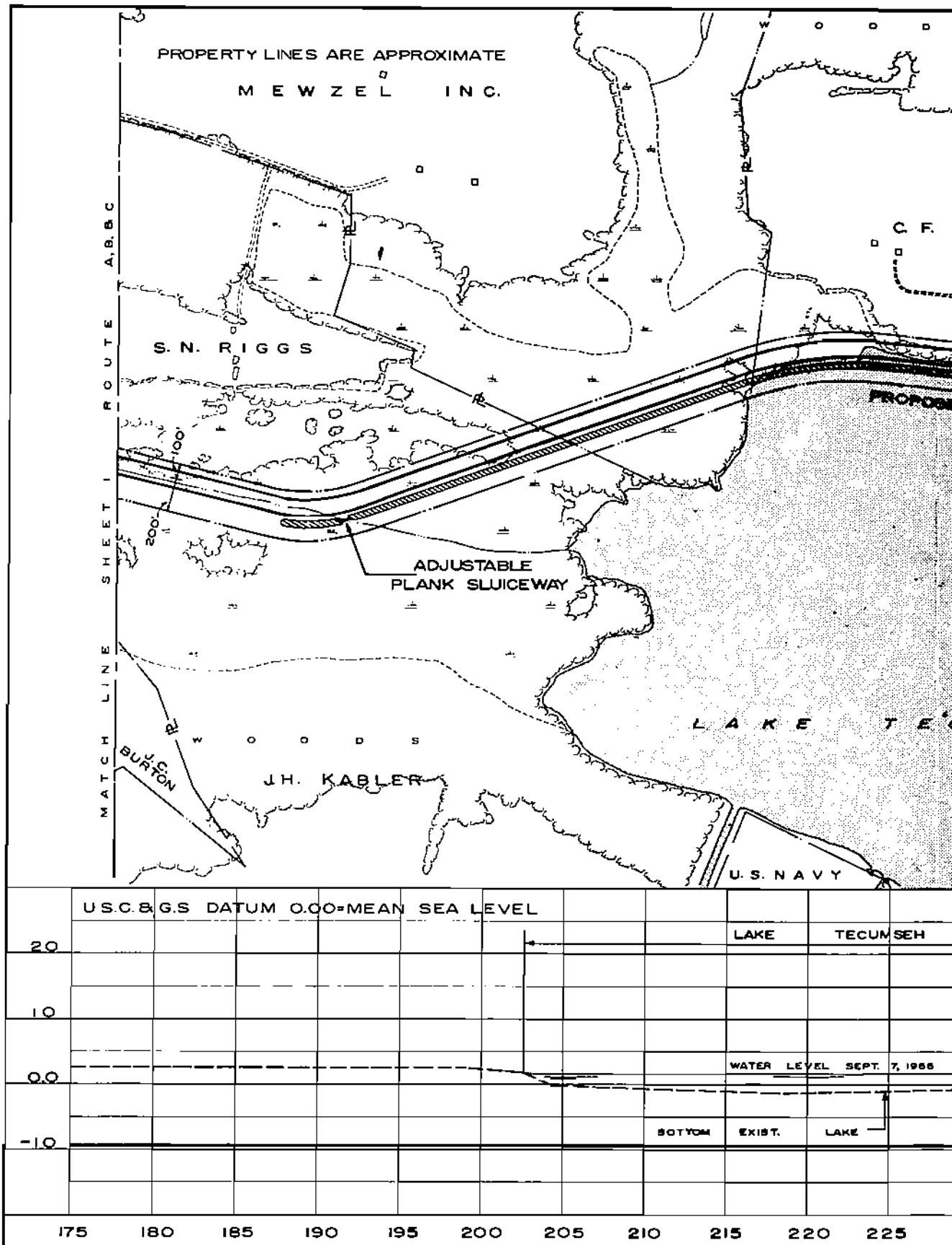
TAL 100' 0' 400' 800' 1200'

L 10' 0' 10' 20'

CITY OF VIRGINIA BEACH, VIRGIN

DRAINAGE CANAL–NORTH BAY TO RUD

ROUTE A, B & C



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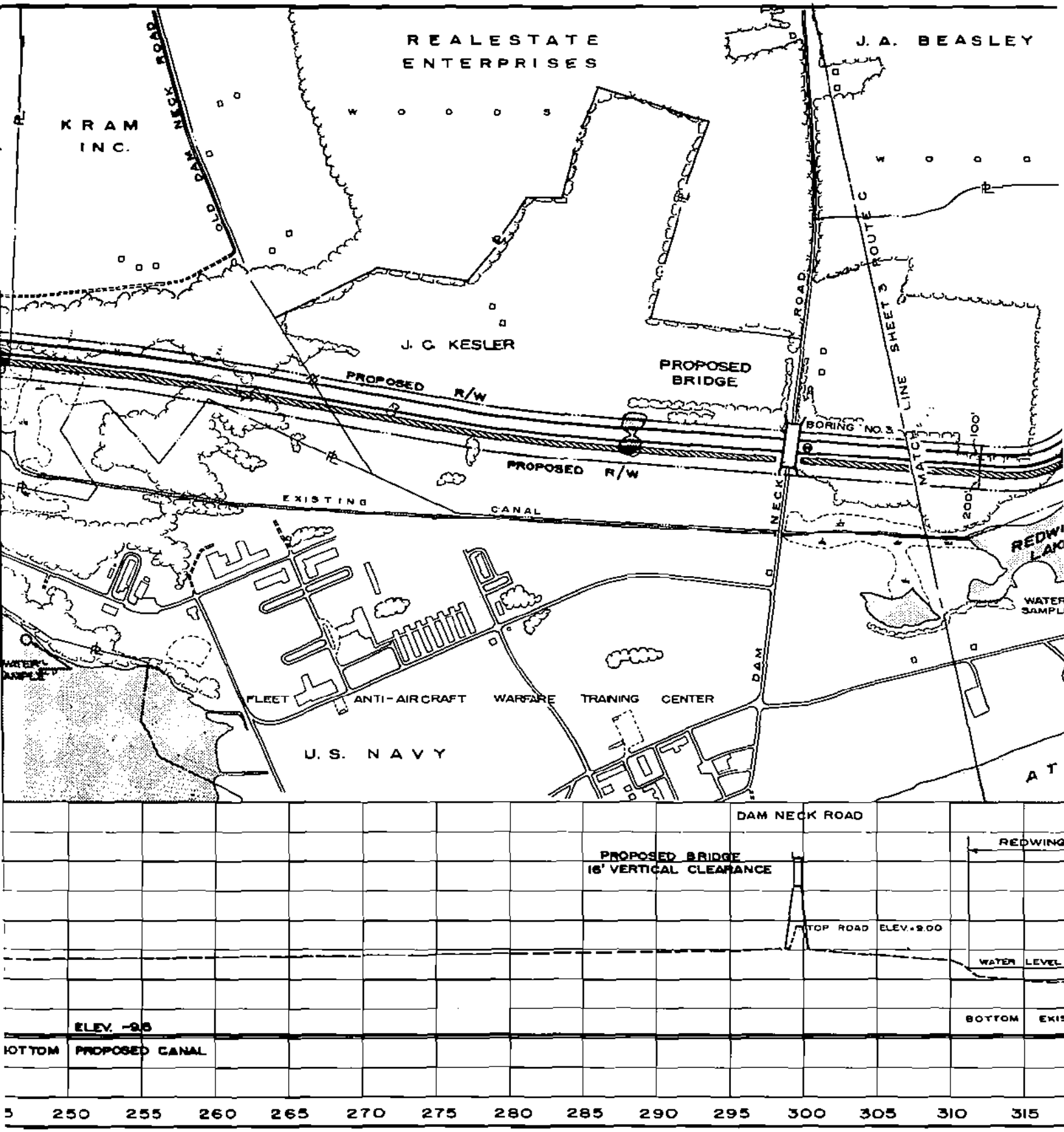
CONSULTING ENGINEERS

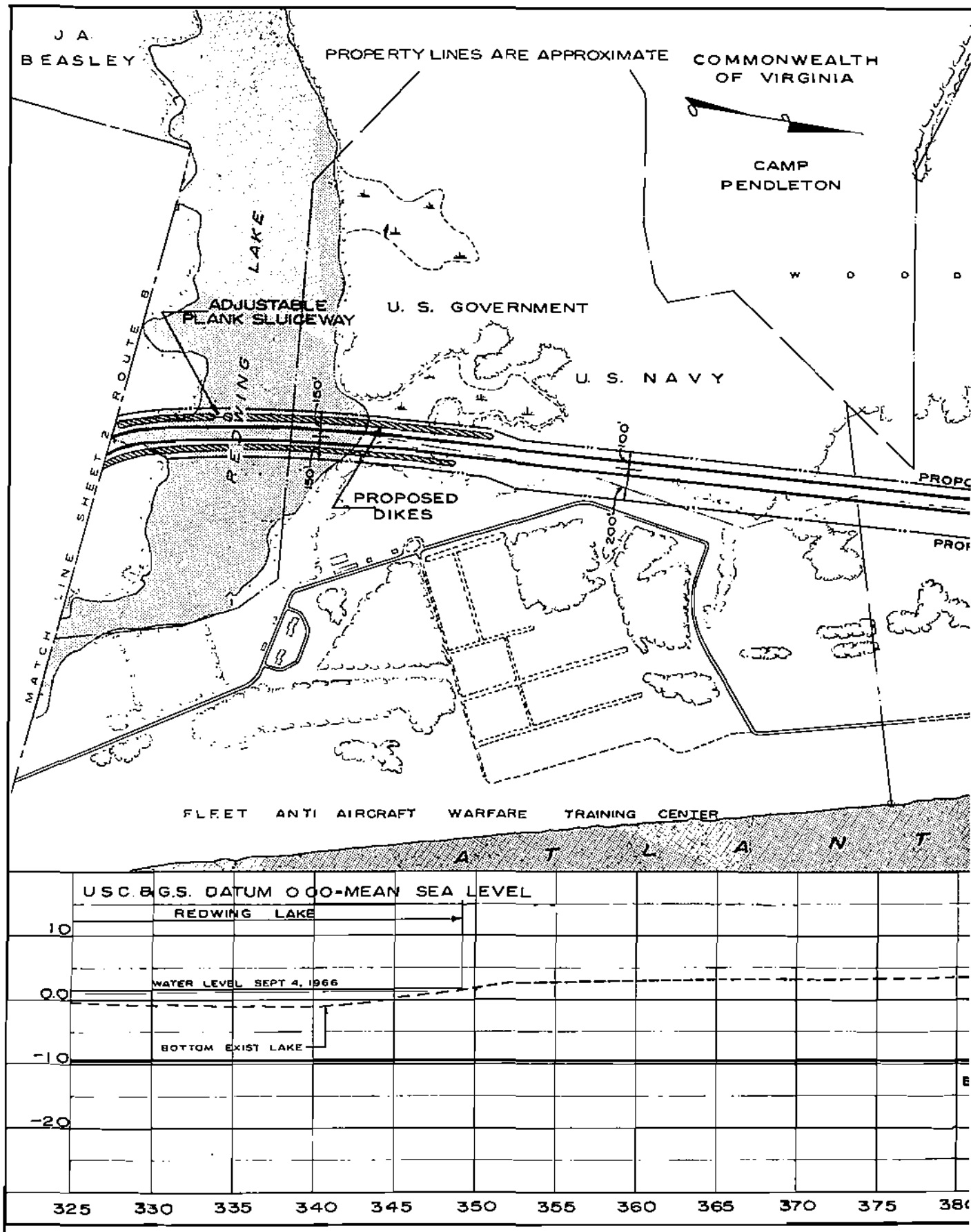


SCALES

CITY OF VIRGINIA BEACH, VIRG

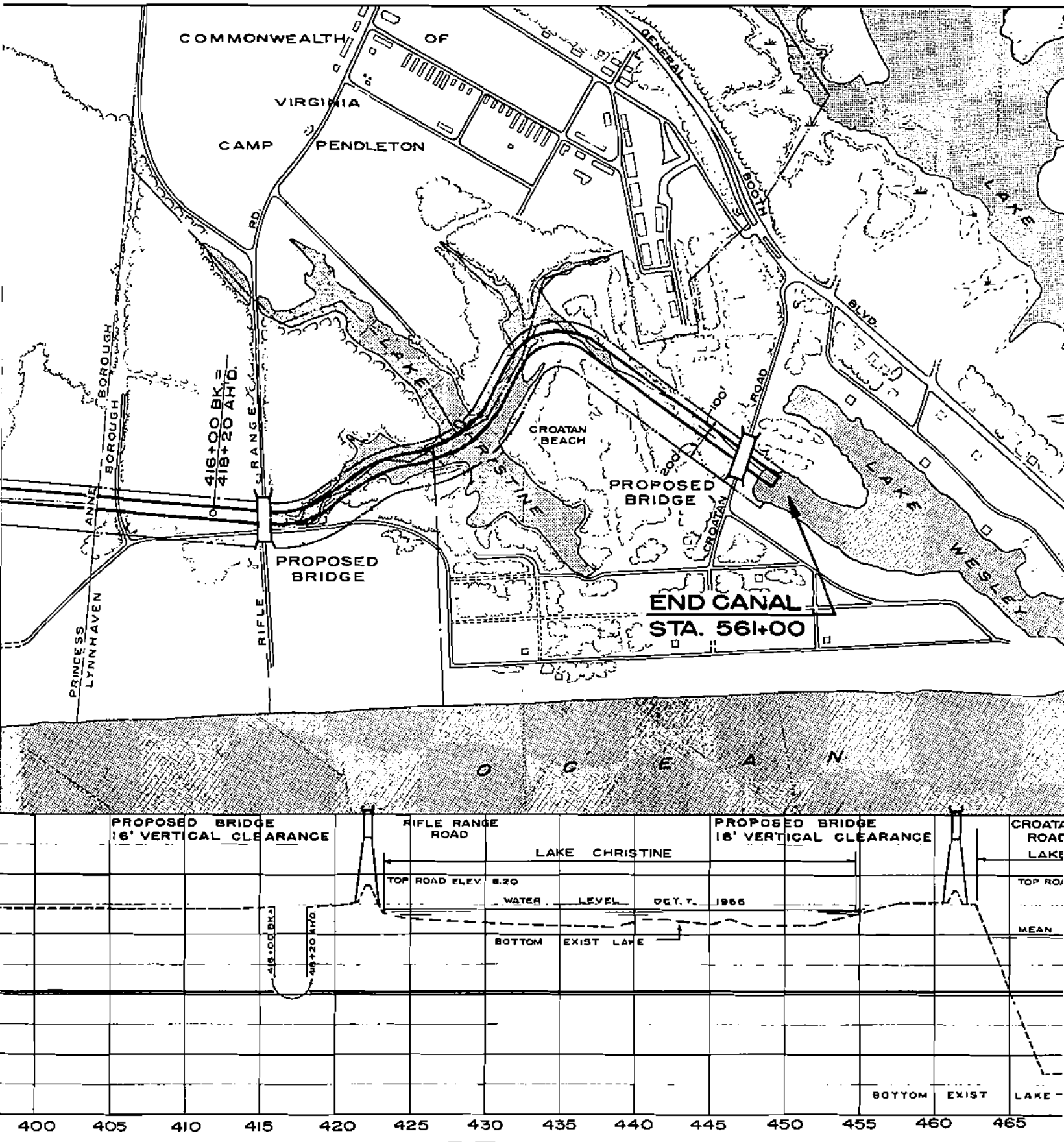
DRAINAGE CANAL-NORTH BAY TO RU

ROUTE B & C



LANGLEY, McDONALD & OVERMAN

CONSULTING ENGINEERS

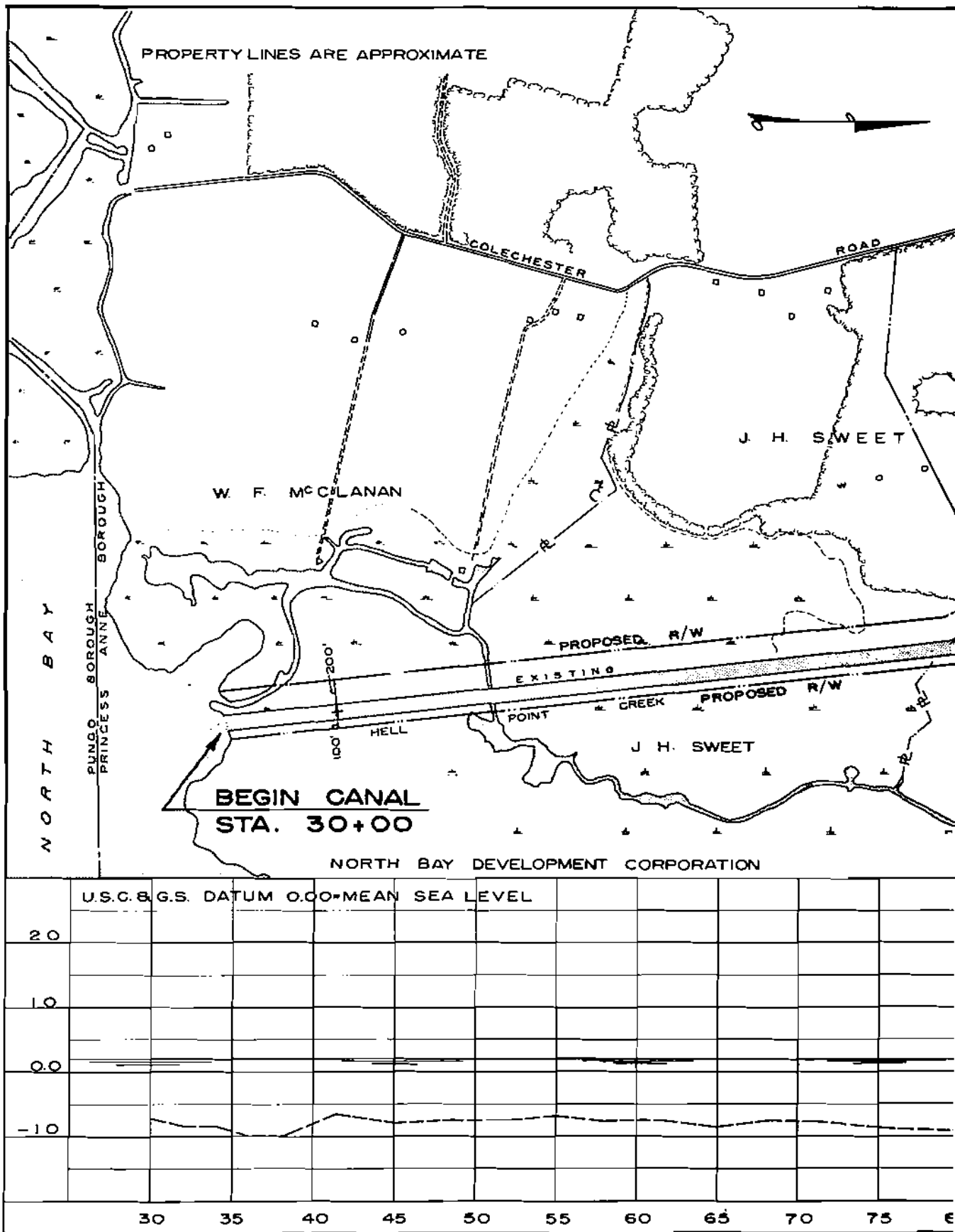


SCALES

CITY OF VIRGINIA BEACH, VIRGINIA

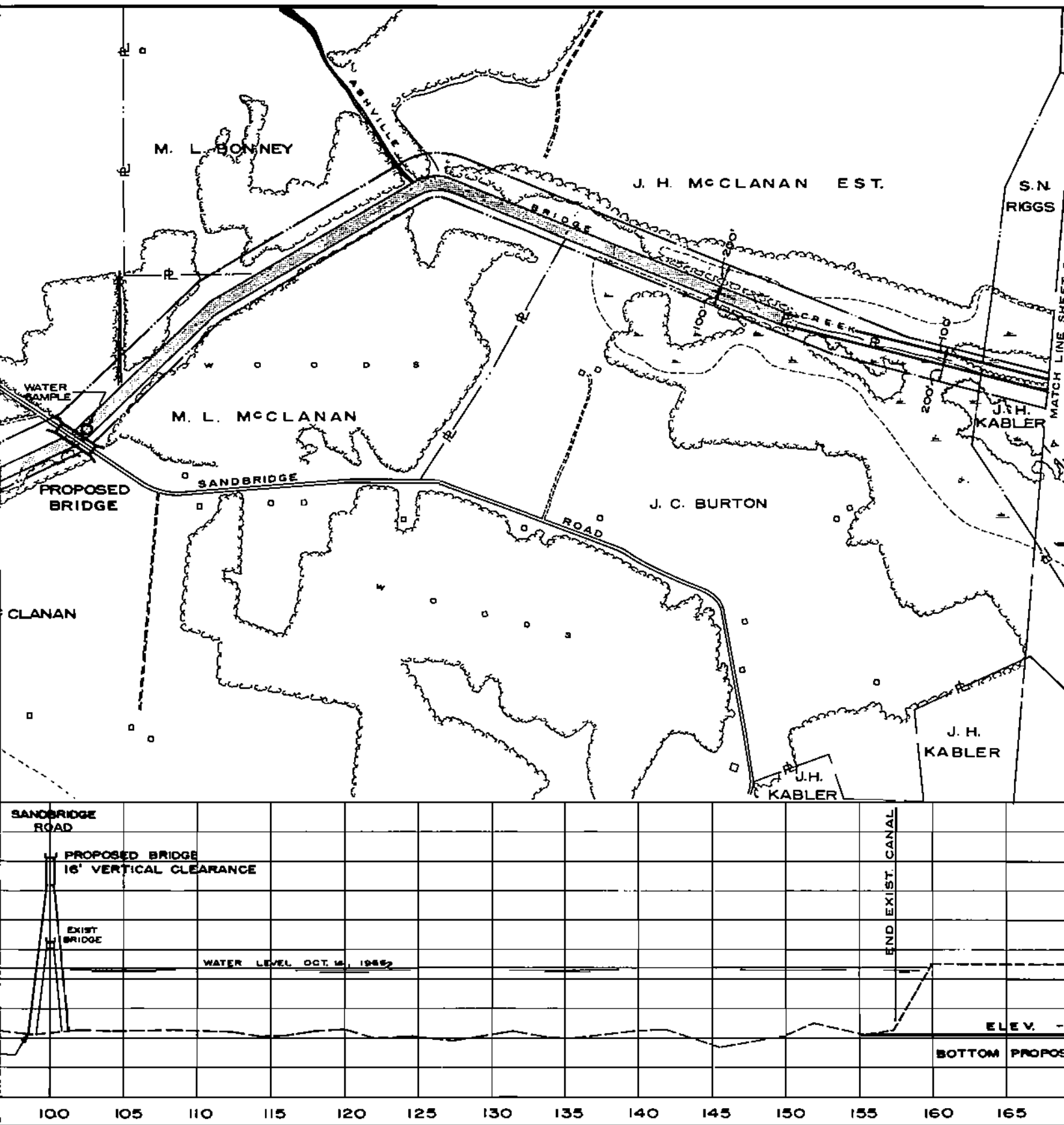
DRAINAGE CANAL-NORTH BAY TO RUDE

ROUTE B



LANGLEY, McDONALD & OVERMAN

CONSULTING ENGINEERS



SCALES

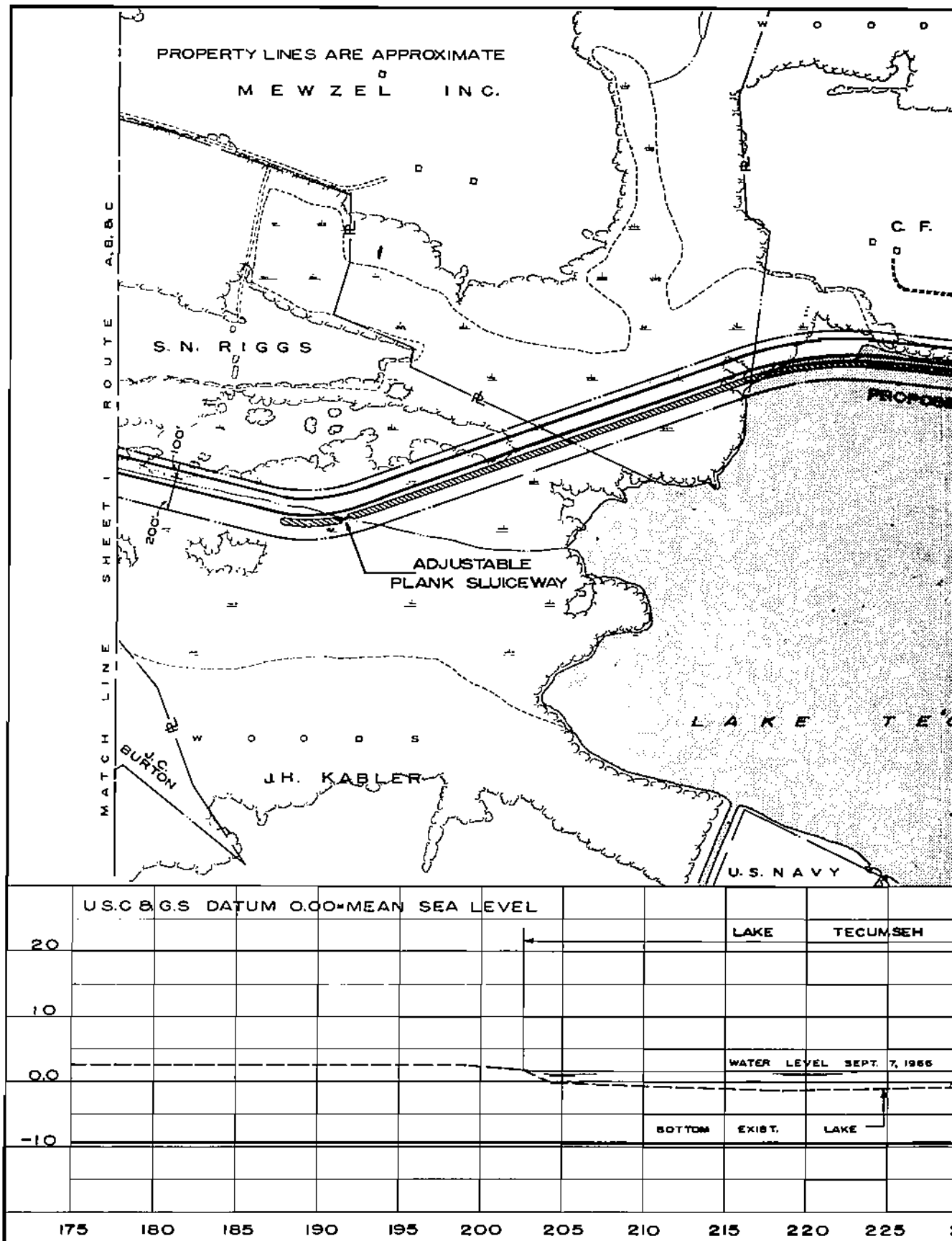
TAL 100' 0' 400' 800' 1200'

L 10' 0' 10' 20'

CITY OF VIRGINIA BEACH, VIRGIN

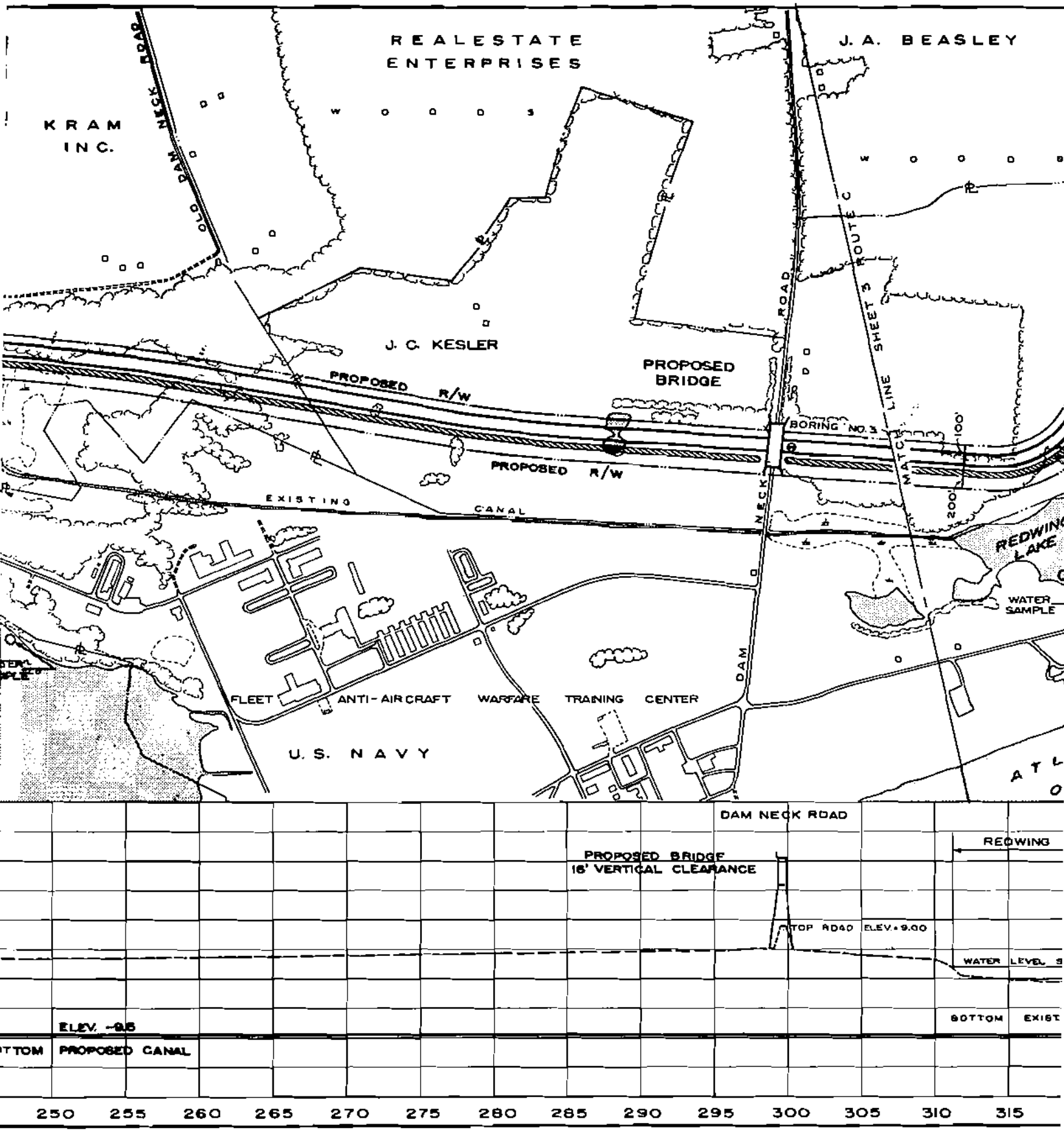
DRAINAGE CANAL—NORTH BAY TO RUD

ROUTE A, B & C



LANGLEY, McDONALD & OVERMAN

CONSULTING ENGINEERS

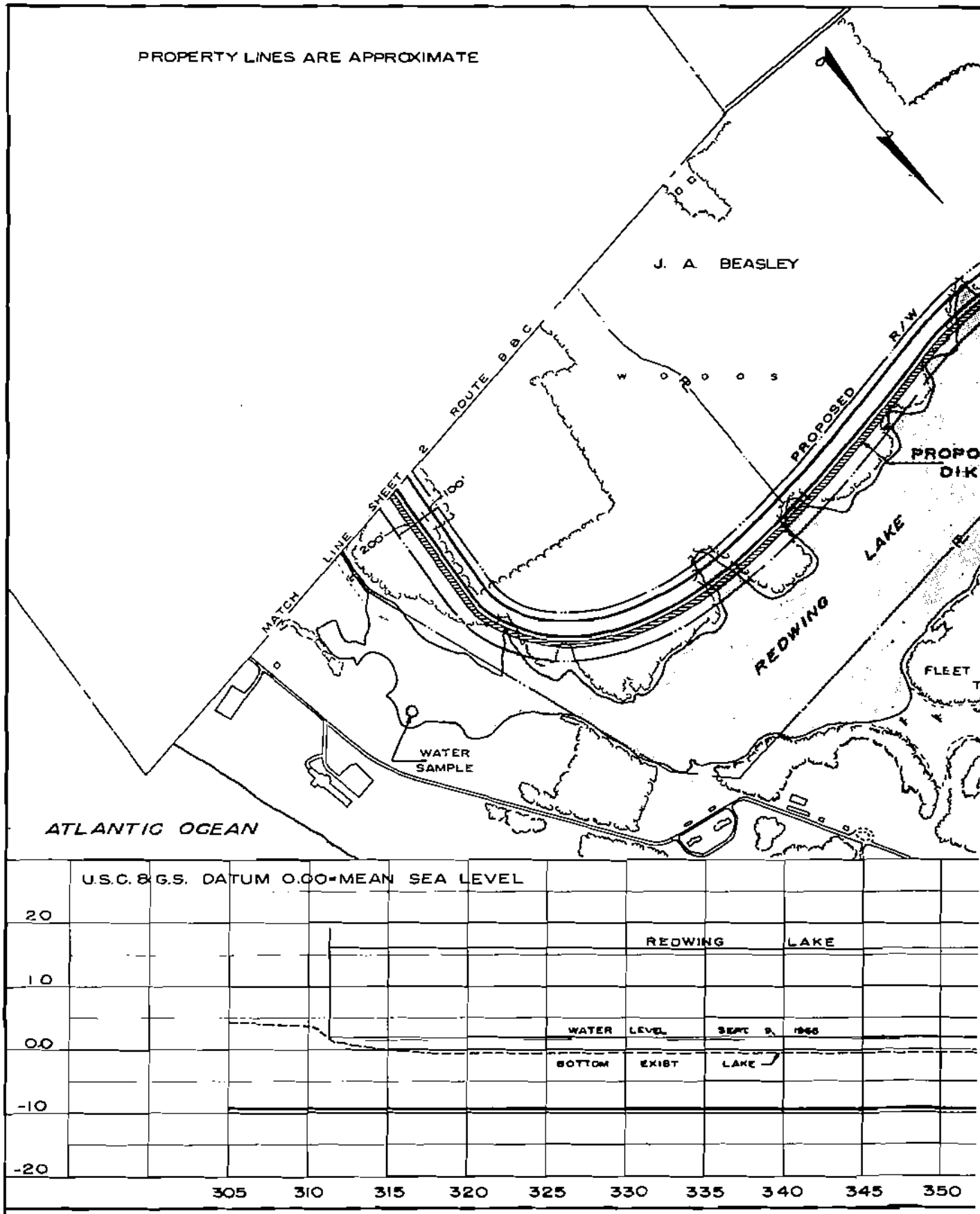


SCALES

CITY OF VIRGINIA BEACH, VIRGI

DRAINAGE CANAL-NORTH BAY TO RU

ROUTE B & C



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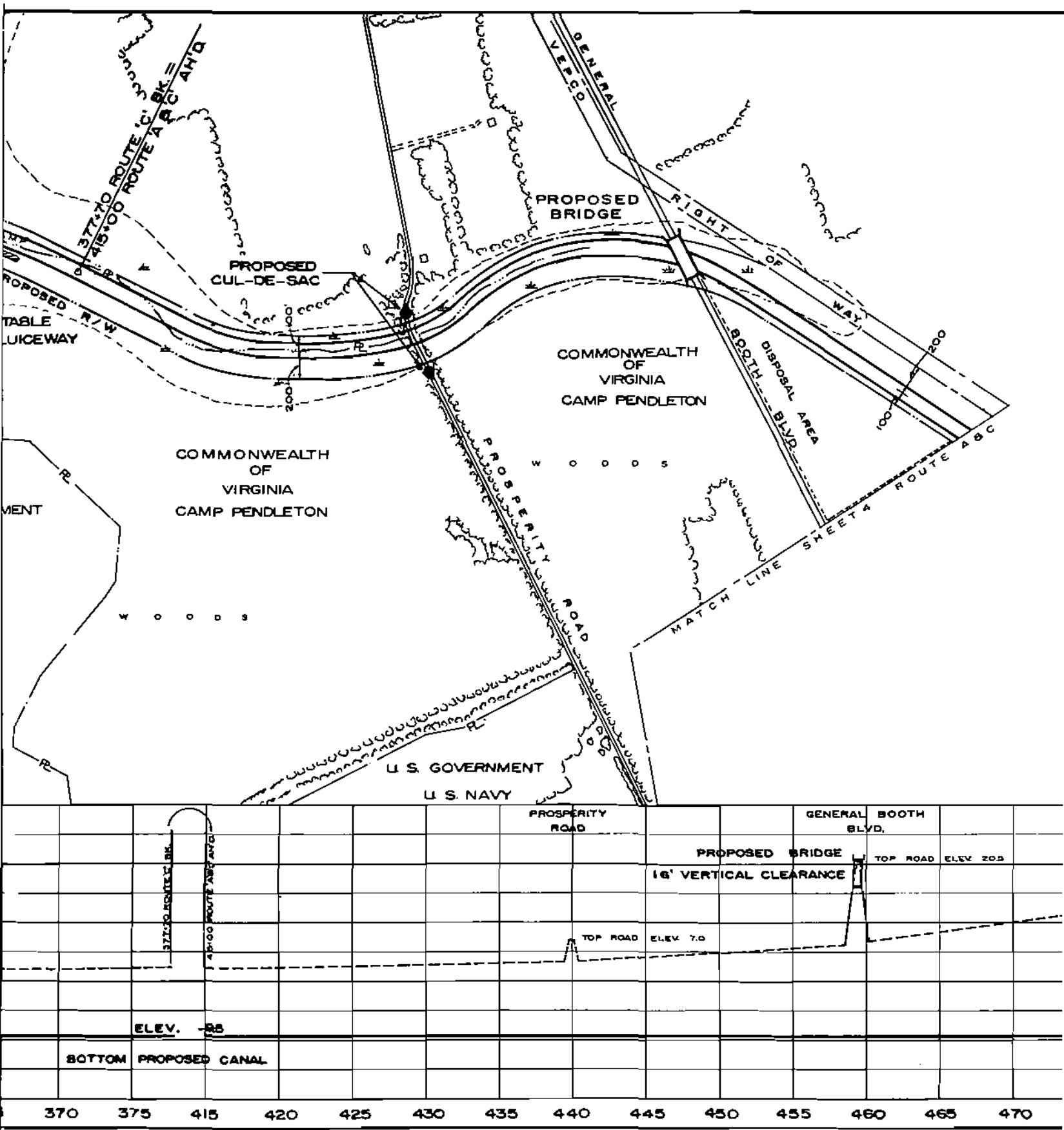
CONSULTING ENGINEERS



SCALES

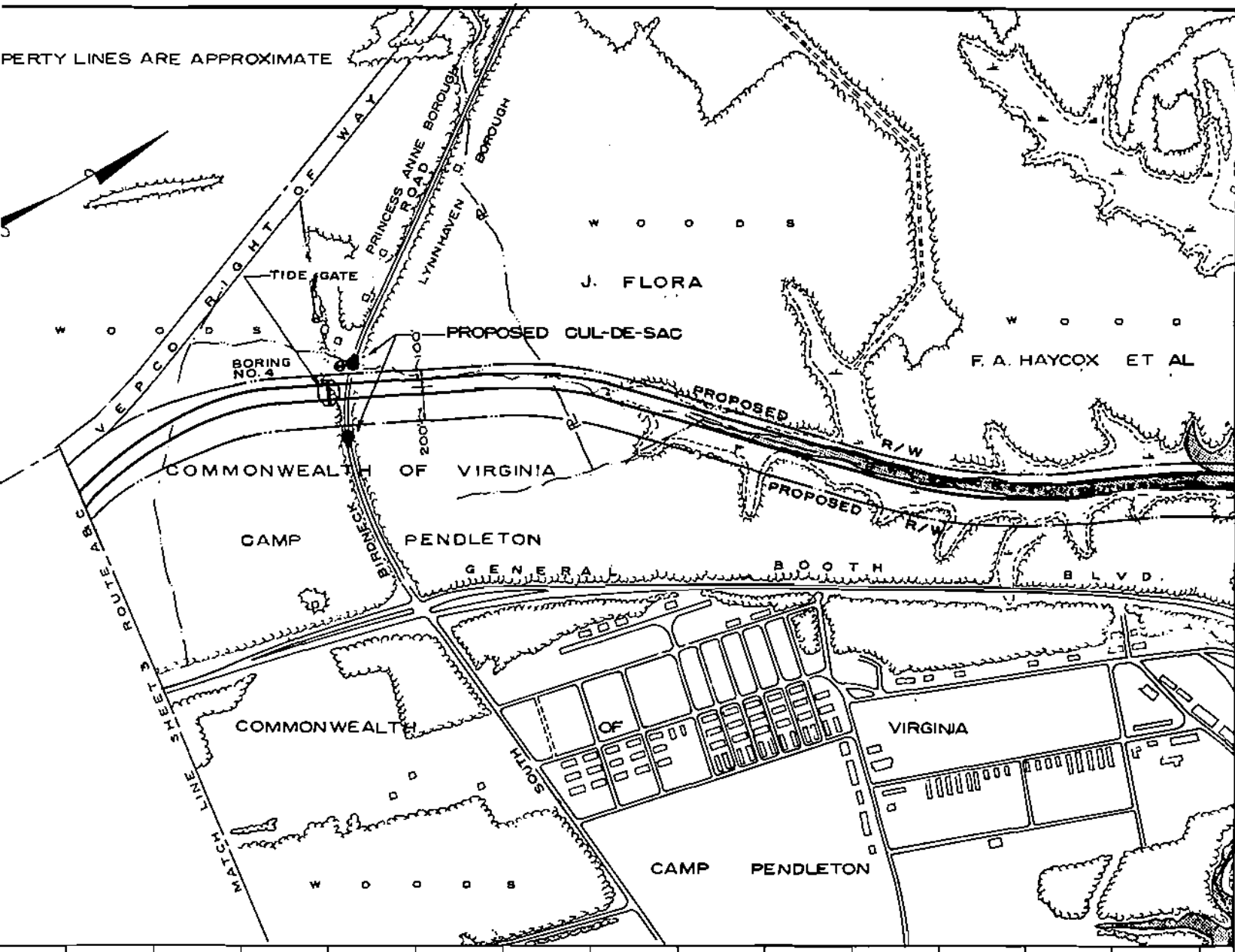
NTAL 100' 0' 400' 800' 1200'

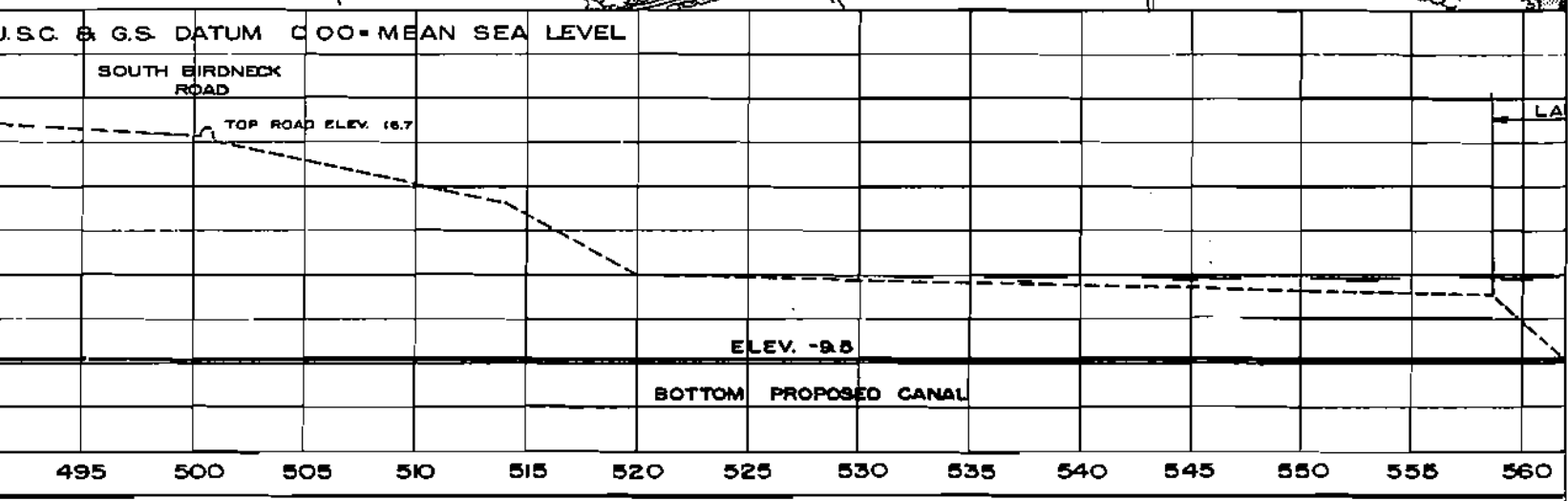
AL 10' 0' 10' 20'

CITY OF VIRGINIA BEACH, VIRGINIA

DRAINAGE CANAL-NORTH BAY TO RUDI

ROUTE A & C





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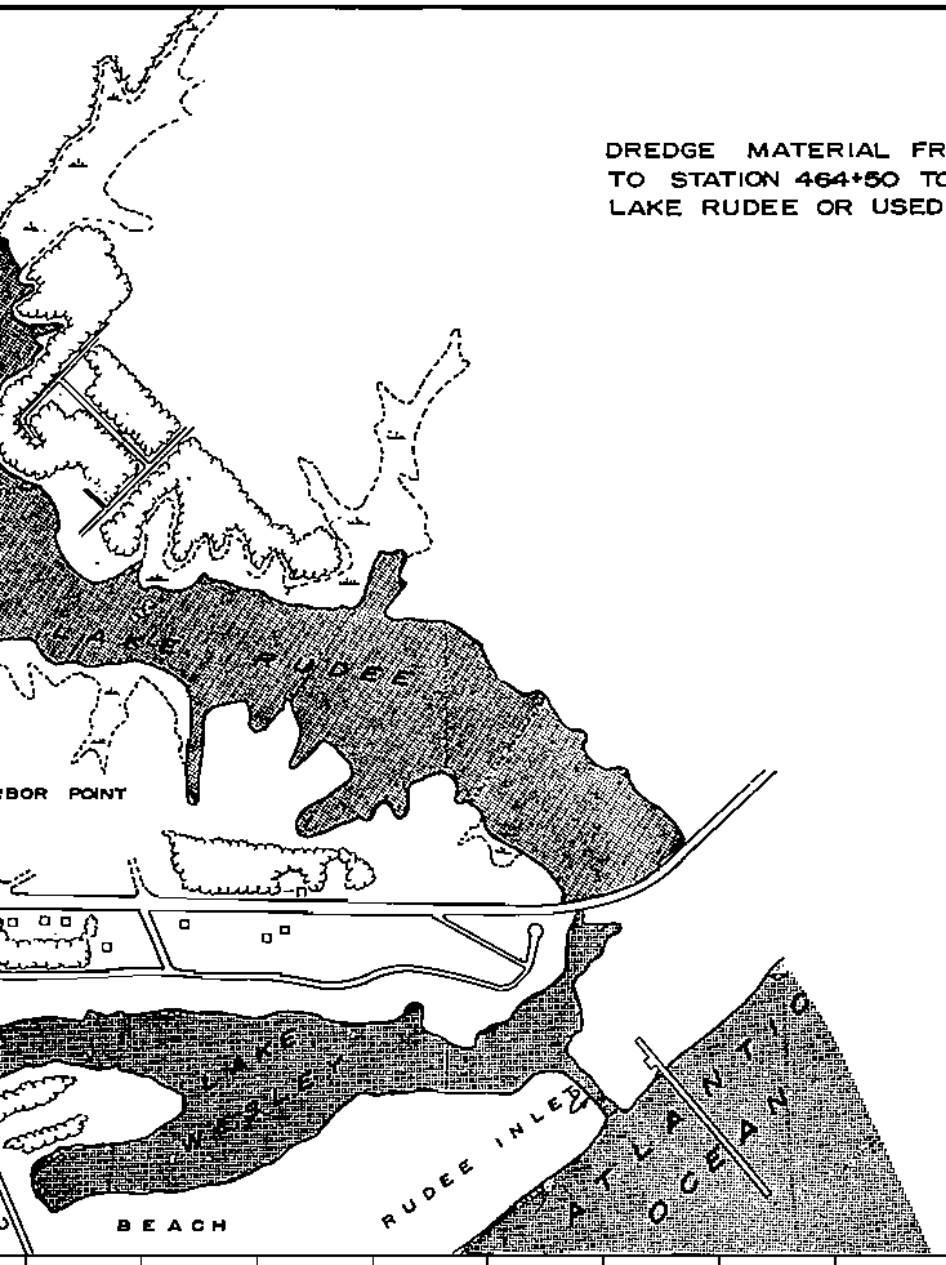
HORIZONT

VERTICAL

DREDGE MATERIAL FROM STATION 406+00
TO STATION 464+50 TO BE DEPOSITED IN
LAKE RUDEE OR USED FOR BEACH NOURISHMENT.



20
10
0.0
-10
-20

CITY OF VIRGINIA BEACH, VIRGINIA
DRAINAGE CANAL-NORTH BAY TO RUDEE INLET
ROUTE A & C

SHEET 4