

.41.  
 6 - Table C. '80  
 '22' (if required.) 2.11.11

AFTER BULWARK

LENGTH = 159'-4"  
 RAILS 17', EQUIV. TO 34'-0"  
 REMAINDER OF BULW. 125'-4"

125.33' x 3.5' HIGH x 25% = 109.67  $\phi$  PORTS REQUIRED

FREEING PORTS 5 (OLD) @ 4' x 1'-9" = 5 @ 7  $\phi$  = 35.00  $\phi$   
 1 (OLD) @ 1'-3" x 1'-3" = 1.56  $\phi$   
 11 (NEW) @ 3'-10" x 1'-9" = 11 @ 6.70  $\phi$   
 = 73.70

TOTAL AREA OF }  
 FREEING PORTS } 110.26  $\phi$

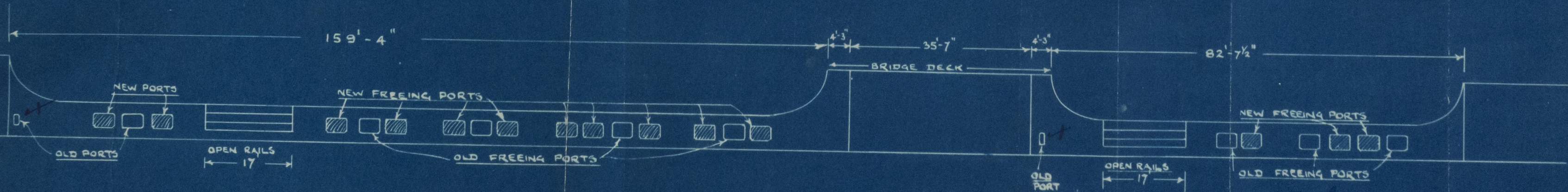
FORWARD BULWARK

LENGTH = 82'-7 1/2"  
 RAILS 17', EQUIV. TO 34'-0"  
 REMAINDER OF BULW. 48'-7 1/2"

48.62' x 3.5' HIGH x 25% = 42.54  $\phi$  PORTS REQ.

FREEING PORTS 3 (OLD) @ 4' x 1'-9" = 3 @ 7  $\phi$  = 21.00  $\phi$   
 1 (OLD) @ 1'-3" x 1'-3" = 1.56  $\phi$   
 3 (NEW) @ 3'-10" x 1'-9" = 3 @ 6.70  $\phi$  = 20.10  $\phi$

TOTAL AREA OF FREEING PORTS 42.66  $\phi$



It is assumed that these are  
 freeing ports and not mooring pipes

M.V. "CLYDEFIELD"  
 PROPOSED ADDITIONAL FREEING PORT AREA

1-2-32



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CLYDEFIELD

FEB 8 1932

PROPOSED FREEING  
PORTS



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