

24 FEB 1977

Longitudinal Scale. $24'' = 515.66 \text{ feet}$
 i.e. $1'' = 21.485 \text{ feet}$

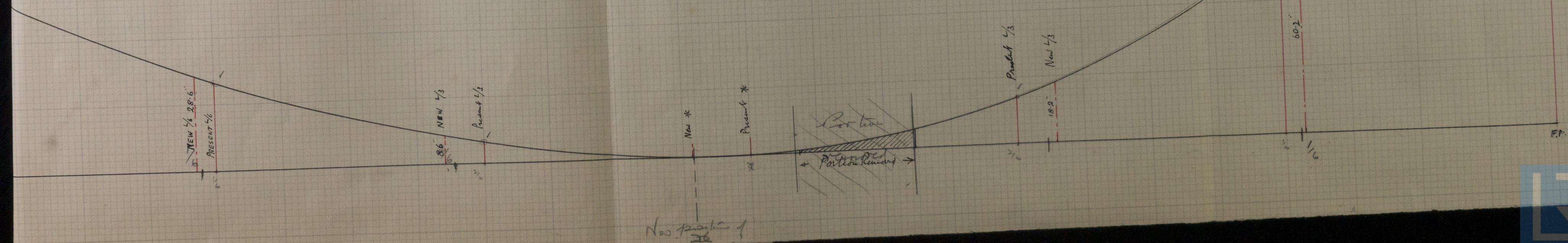
Vertical Scale: $1'' = 20''$

Present length of vessel $515.66'$
 Length of portion cut out $= 37.50'$
 Proposed length $= 478.16'$
 $\frac{1}{6} = 79.7''$

Old half length 257.83
 New 239.08
 Distance between
 new old $\times s$ 18.75

Rise in shear to new $\times = 6.52 \times \left(\frac{18.75}{85.94}\right)^2 = .30''$

Reduce shears by $.3''$ for increased depth



New position of
 26

GRAPHIC ADDRESS



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