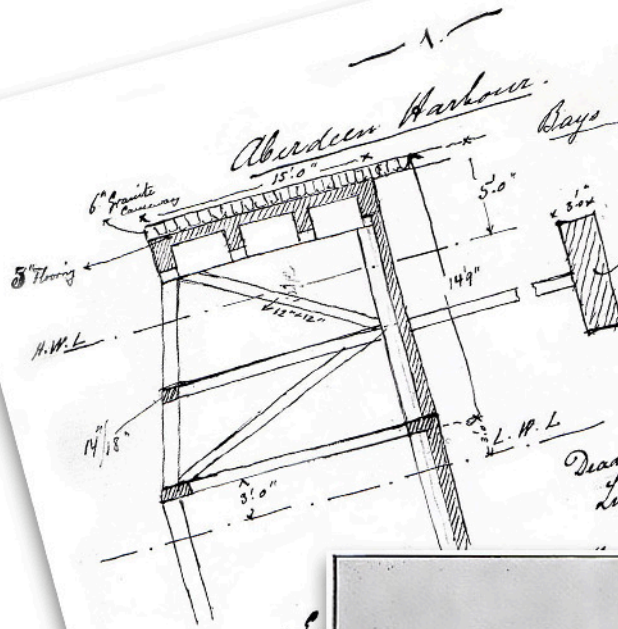


6/10/08
 700 lbs



Bays 22 ft wide (centre)
 (5") flooring to carry $\frac{4}{\text{sq ft}}$

Head weight of flooring:
 6" Caseway = $0.15 \times 2800 = 420$
 6" A.P.R. = $0.15 \times 2400 = 360$
 780 lbs

space = 4'8" (= 1.42 m)
 Dead load per 1" width = $1.42 \times 780 = 1100$
 Live load = $1.42 \times 2200 = 3100$
 Total = $12500 + 44000 = 56500$

Centre Bay
 Centre Bay
 End Bay



ABERDEEN HARBOUR EXTENSIONS: NEW WHARVES
 Engineer, Mr Gordon Nicol, M.Inst.C.E.

Cover = 4" c.c.f.
 Steel = 12 lbs
 Accouring End Bay + $\frac{1}{4}$ " cross per
 (Note: The $\frac{1}{4}$ " bars straight, the $\frac{3}{8}$ " bars
 Negative Accouring = $13 \frac{1}{2} \times 22 \times 16$ or $\frac{1}{4}$ " rods 8" apart