

END PURLINS

(a) $S = 13.5 \times 12 / 10 = 16.2$

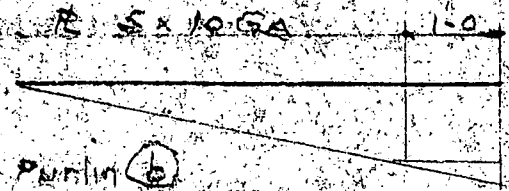
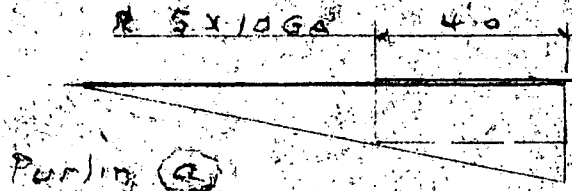
PLG. WT = $57 \times .155 = .770$ LB

PLATE = $5 \times 10 GA = .675$ "

$\frac{1.445}{.20}$

$16.2 / 1.245 = 13.0$ 2.1. OK

6-2" A325 BOLTS



STRINGER

Rt at A = 11.0 K

MOM @ A = $5.5 \times 5.5 = 30.2$ K

$5.5 \times 8.0 = 44.0$ K
 $11.0 \times 2.5 = 27.5$
 $+ 16.5$

$S = 30.2 \times 12 / 20.0 = 18.3$

COLUMNS

$P = 11.5$ K



$I = 252.5$

$S = 252.5 / 16 = 38.2$ O.K