



MOMENT CALCULATIONS

$M_{32.140} = -1062.5\# \times 32.140" = -34149.0" \#$   
 $M_{37.966} = -1062.5\# \times 37.996" + 1824.8\# \times 5.8261" - 11178.0" \# = -40917.0" \#$   
 $M_{57.855} = -1062.5\# \times 57.855" + 1824.8\# \times 25.714" - 11178.0" \# - 1972.4\# \times 19.888" + 59486.0" \# = -59486.0" \#$

