



## STRESS CALCULATION

SECTION MODULUS  $31.2 \text{ ins}^3$

BENDING MOMENT  $40 \times 18,000 \text{ LBS} = 720,000 \text{ LBS INS}$

BENDING STRESS  $= 720,000 / 31.2 = 23,076 \text{ PSI}$

PERMISSIBLE STRESS  $= 69,600 / 3 = 23,200 \text{ PSI}$

TITLE	CHASSIS BEAM	MATERIAL	44W	NOTES
	<b>P K S</b>	MAR.19/2001	DWG B3601-SC	A