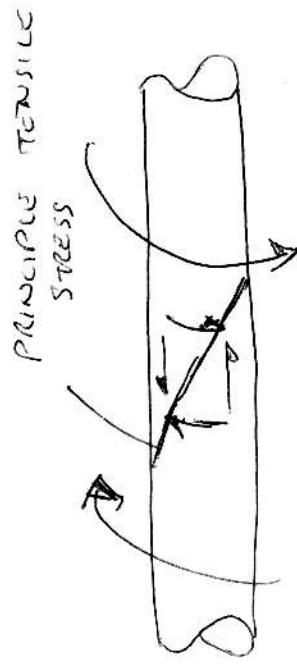


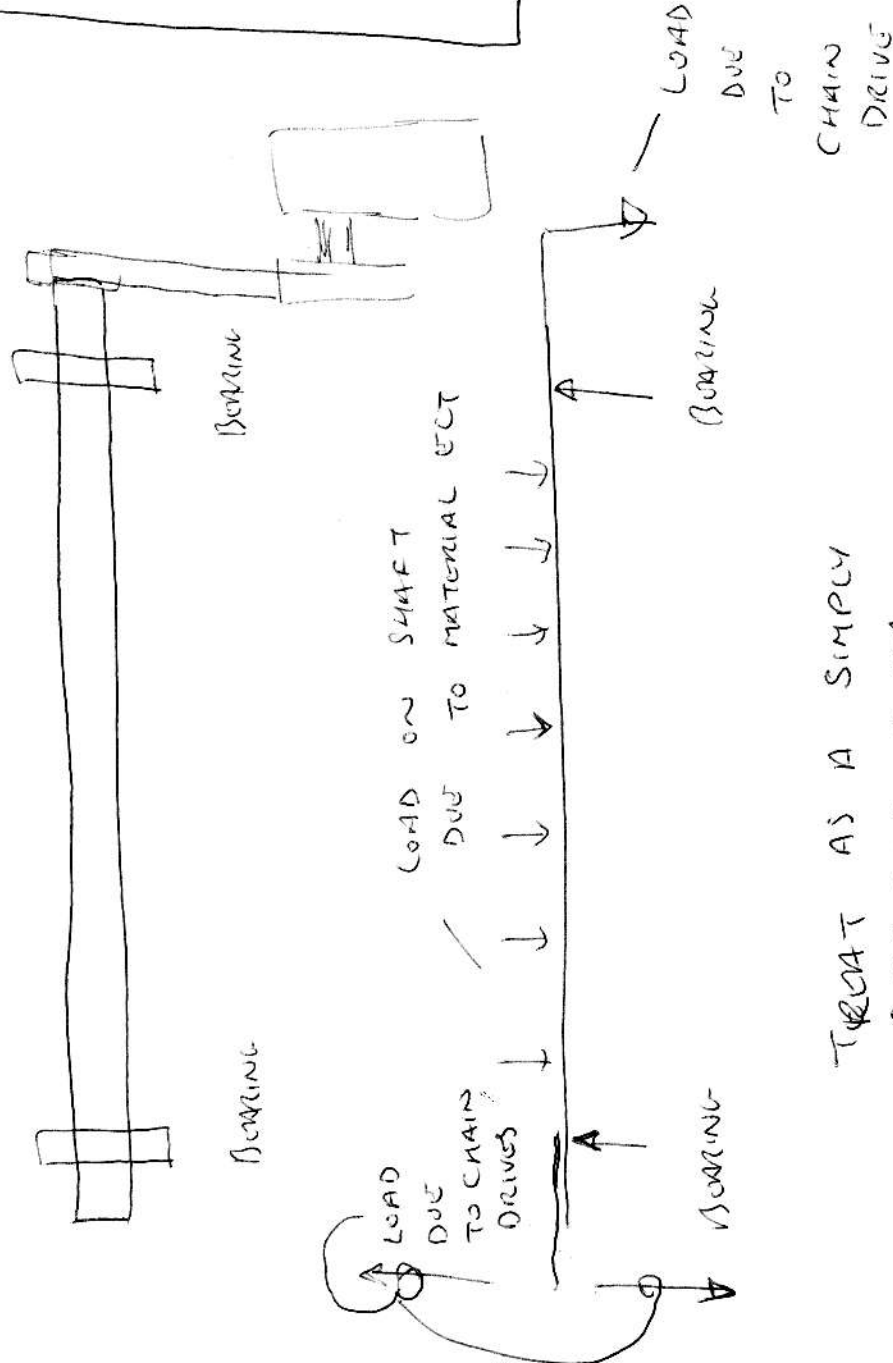
TENSILE STRESSES DUE TO TORSION



HOWEVER IF TORSIONAL FAILURE OCCURED I WOULD EXPECT THE SHAFT TO FAIL WITH TAPERED FACES I.E. -



I DON'T THINK YOUR PHOTO INDICATES TAPERED FAILURE FACES BUT LET ME KNOW IF I AM WRONG.



TREAT AS A SIMPLY SUPPORTED BEAM & CALCULATE BENDING