

SHAPE & SIZES IS VERY IMPORTANT IN STEEL.

CARBON - LIGHT & STRONG

STEEL - HEAVY & STRONG

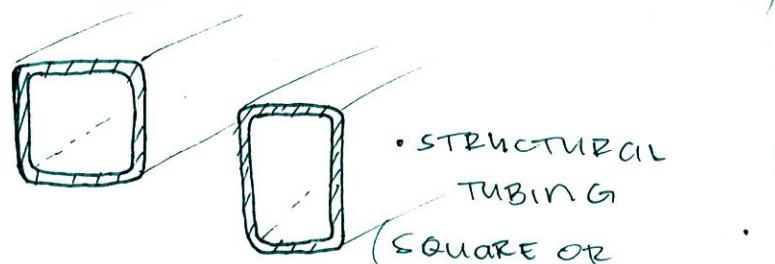
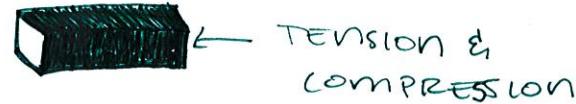
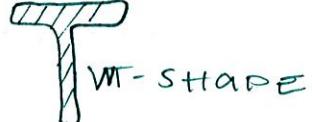
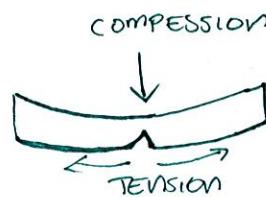
MATERIALS ARE IMPROVING

SOTTO - CAST IRON

CAST IRON



WROUGHT IRON



* STEEL SHAPE / SIZE DESIGNATIONS

W21 X 83

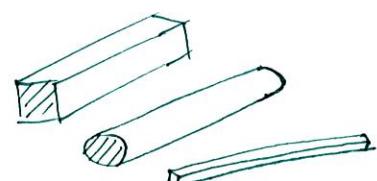
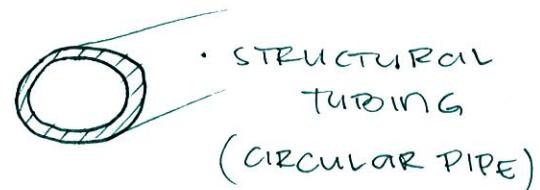
21 → NOMINAL DEPTH

83 → LB^s/FOOT LENGTH

L4 X 3 X 3/8

4 X 3 → NOMINAL DEPTH OF EACH LEG

3/8 → THICKNESS OF THE LEGS



SHAPES:

- REFER TO THE AMERICAN INSTITUTION OF STEEL CONSTRUCTION (AISC) MANUAL OF STEEL CONSTRUCTION FOR COMPLETE LISTING OF SIZES & WEIGHTS