CIVE 3205 Example CAB Built-Up Sections (Double Angle Struts) March, 2012, 2013

Page 4-142 9 4-143 of the hand book contains an example much like example CA. One difference is that it is subject to elastic local buckling. An effective area is calculated by the provisions of 13.3.5 (a): b' t A' t 1 > VFy b'= 200 t VFy w/ = b - b' J 6-200+ explanation of computation = (+ - 200) + of Ae in part B A' - w't (remember, there $=\left(\frac{1}{200}\right)^{\frac{1}{2}}$ are 2 angles and both legs of each exceed the limit) $A_e - A - A'$