Case Study #1 2 Traditional Path **GIZA** Path 35'-0" 52min @\$50/hr DETAILING DETAILING \$43.33 ENGINEERING 4hrs,38mins @\$100/hr \$463.33 ENGINEERING 19min @\$100/hr \$31.67 TOTAL COST \$622.50 TOTAL COST \$75.00 **BF-2 ELEVATION ALONG GL C** Traditional Connection Result **GIZA Connection Result** L4X4X3/4 (NS&FS) W/ 4 - BOLT 11/8DIA A490 TC 4 PL3/4"X27 1/2 L5X5X¾ (NS&FS) W/ 14 - BOLT 11/8DIA A490 TC 41/4 W12X152 FL1/2*X7 L4X4X³/₄ (NS&FS) W/-4 - BOLT 1¹/₈DIA A490 TC 4 W24X250 L5X5X3/4 (NS&FS) W/ W24X2 12 - BOLT 11/8DIA A490 TC 41/4 L6X6X5/8 (NS&FS) W/ 6 - BOLT 11/8DIA A490 TC 4 W14X211 W14X233 L5X5X3/4 (NS&FS) W/ 10 - BOLT 11/8DIA A490 TC 41/4 PL1"X36 1/4 L6X6X5/8 (NS&FS) W/ 6 - BOLT 11/8DIA A490 TC 4 DETAIL 1 DETAIL 1

In this example, GIZA saved \$547.50, and reduced design time by 6 hours, 38 minutes for just ONE connection!

GIZA Model

Traditional Model