



PH: 314-566-1008

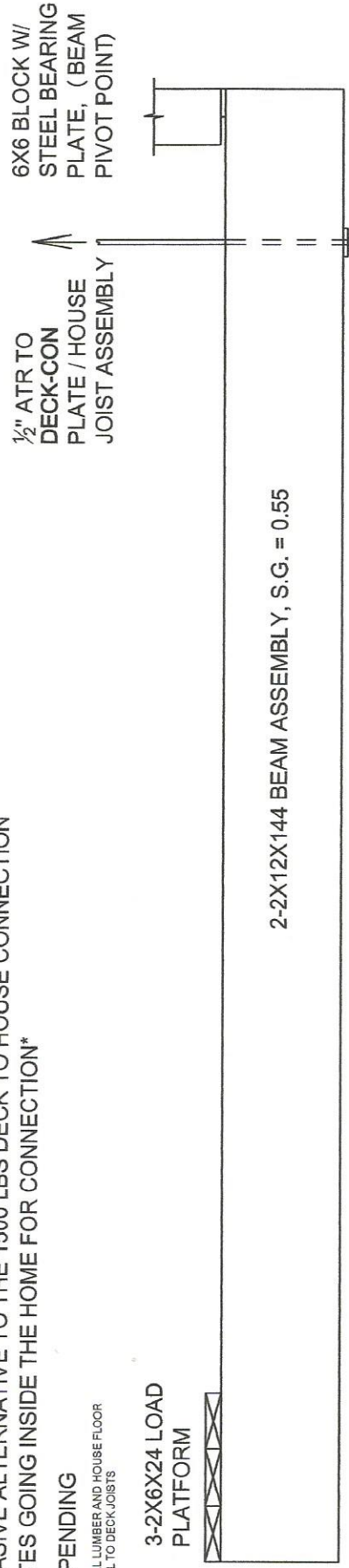
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NON-INVASIVE ALTERNATIVE TO THE 1500 LBS DECK TO HOUSE CONNECTION
ELIMINATES GOING INSIDE THE HOME FOR CONNECTION*

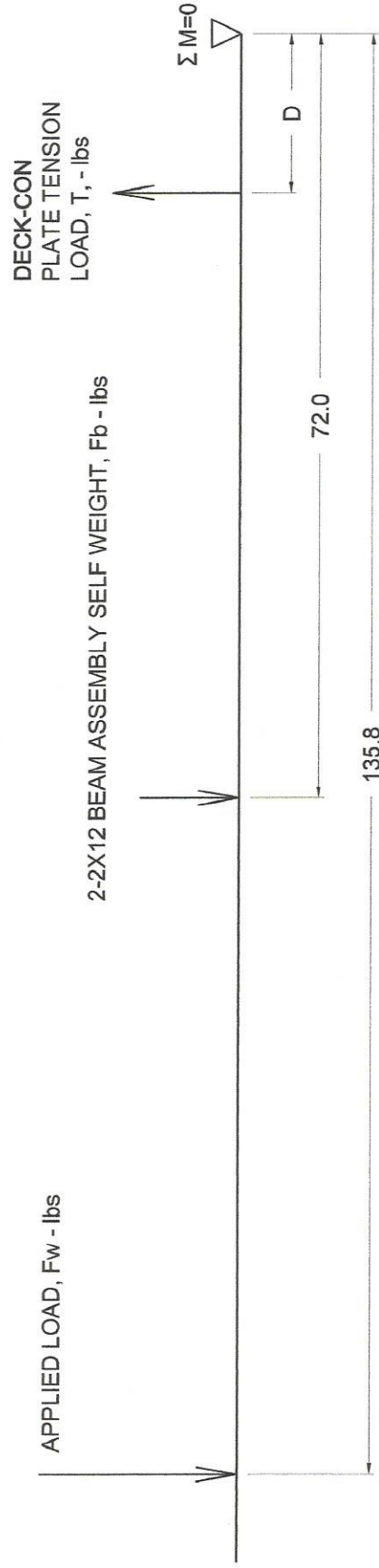
PATENT PENDING

*1" DIMENSIONAL LUMBER AND HOUSE FLOOR
JOISTS PARALLEL TO DECK JOISTS

TEST BEAM CALCULATIONS



TEST BEAM DETAIL



TEST BEAM FREE BODY DIAGRAM

PLATE TENSION LOAD CALCULATION, PER TEST / TEST VIDEO

$$\Sigma M=0$$

$$T = (F_w * 135.8 + F_b * 72) / D$$

$$T = (425 * 135.8 + 110 * 72) / 16.25$$

$$T = 65635 / 16.25$$

$$T = 4039 \text{ lbs}$$