CALCULATIONS BASED ON 16'-0" x 16'-0" OPENING.

VERTICAL LOAD = 648 LBS. HORIZONTAL LOAD = 360 LBS.

JAMB SECTION C5x9 TO SUPPORT BOTH VERTICAL & HORIZONTAL LOADS

2-HOUR SHAFT WALL SYSTEM WEIGHT = 9 LBS/SF

DESIGN LATERAL LOAD = 5 LBS/SF