

egress route
occupant load
area of refuge
door swing

life/death

as $\frac{1}{2}$
room gets
bigger you need
outwards

Important
ideas/rules

door swings
in direction
of egress

direction of travel

Stairwell

wheelchair
need to
wait for
help

turn
towards
exit
stair

if it had this many
people
would
be
saved

CMU

gypsum board

total rise
total run

Stairs

$\frac{69}{480} \rightarrow 6.9"$
 ~~$\frac{480}{69} = 24 \times 27 + 1 \leftarrow 26$~~

(7) 25
 $24 < 27 + 1 < 28$
 $24 < 14 + 11 < 25$
 $24 < 25 < 26$

UNIVERSAL
design

$\frac{15}{40} + \frac{25}{40}$

$40' \times 12 = 480 = 69$

$24 < 27 + 1 < 28$

Formula
for
Stairs

