



2009 INTERNATIONAL BUILDING CODE - TABLE 705.8
 ORANGE SHADED WALL IS 19 FEET OFF THE PROPERTY LINE, PER TABLE 705.8 75% OF WALL AREA CAN BE OPENINGS, PER STORY UNDER FULL NFPA 13 (SPRINKLERED).

PROPOSED EAST WALL:

1ST FLOOR: WALL = 195 SF	OPENINGS = 0 SF → 0%
2ND FLOOR: WALL = 118 SF	OPENINGS = 36 SF → 31%
3RD FLOOR: WALL = 119 SF	OPENINGS = 36 SF → 30%
4TH FLOOR: WALL = 121 SF	OPENINGS = 36 SF → 30%

2009 INTERNATIONAL BUILDING CODE - TABLE 705.8
 GRAY SHADED WALL IS 10 FEET OFF THE PROPERTY LINE, PER TABLE 705.8 45% OF WALL AREA CAN BE OPENINGS, PER STORY UNDER FULL NFPA 13 (SPRINKLERED).

PROPOSED EAST WALL:

1ST FLOOR: WALL = 842 SF	OPENINGS = 49 SF → 6%
2ND FLOOR: WALL = 779 SF	OPENINGS = 206 SF → 26%
3RD FLOOR: WALL = 790 SF	OPENINGS = 206 SF → 26%
4TH FLOOR: WALL = 793 SF	OPENINGS = 207 SF → 26%

**MAXIMUM AREA OF EXTERIOR WALL OPENINGS
 CALCULATIONS - EAST ELEVATION**