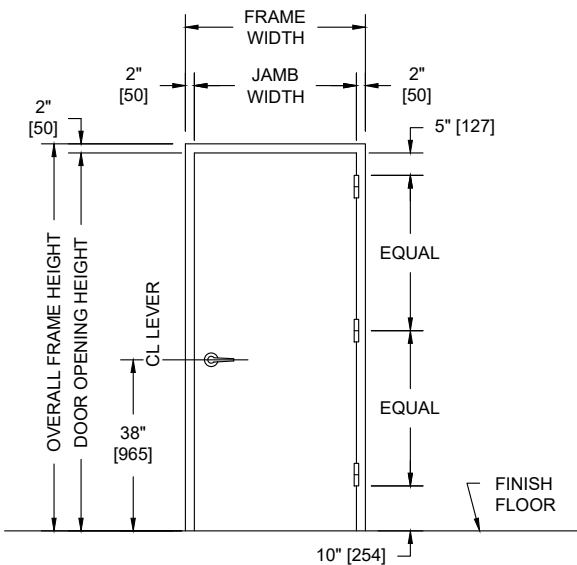


MODEL NO. 4612041 / UL FIRE RATED / STC 46 / E90-09 / FLUSH SOUND CONTROL DOOR AND FRAME ASSEMBLY / SINGLE COMPRESSION SEALS

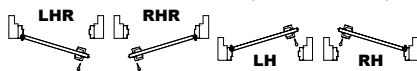


PUBLIC SIDE ELEVATION
RIGHT HAND REVERSE BEVEL SHOWN

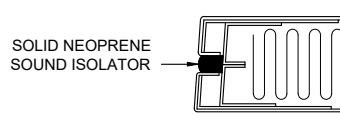
NOTES:

1. All exposed surfaces of door and frame to receive one coat of rust inhibitive prime paint.
2. Door bottom requires flush level sealing surface. Wood, aluminum, or stainless steel threshold recommended. Do not seal against carpet.
3. Frame is equipped with Overly single "H" compression seals at head and jambs. Door is equipped with an automatic door bottom.
4. Door weight is 10.0 pounds per square foot.
5. Door can be equipped with standard builders hardware, Customer to specify. Concealed hardware is not recommended for acoustical doors.
6. Frames equipped with masonry anchors must be grouted full in field. Bolt-in type frames must have all voids in head and jambs packed with 6 to 12 pound density mineral wool and all voids between wall and frame continuously caulked.
7. UL fire labels available in compliance with UL10B and UL10C/UBC7-2. Consult factory for specifics.
8. Unit tested as single door at Riverbank Acoustical Laboratories. Results are described in Test Report No. TL12-041 with sound transmission results as shown in chart below.
9. Door construction is covered by US Patent No. 5,417,029.

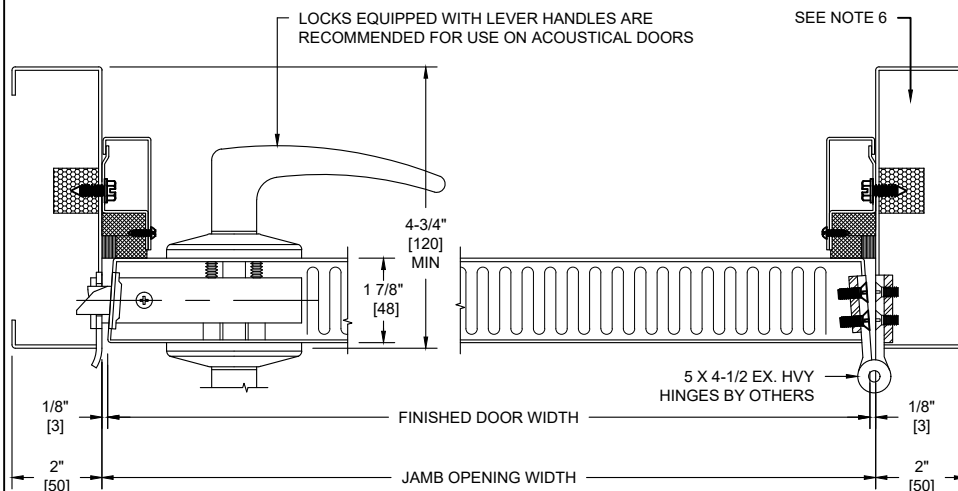
SECURED AREA (INTERIOR)



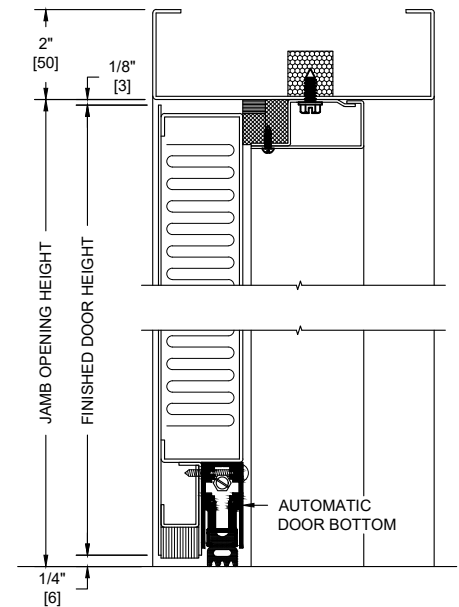
(KEY) SIDE
PUBLIC AREA (EXTERIOR)



TYPICAL EDGE CONSTRUCTION
ABOVE AND BELOW LOCK AND HINGE CUTOUTS



HORIZONTAL SECTION



VERTICAL SECTION

| SOUND TRANSMISSION LOSS IN dB AT FREQUENCY / HERTZ | | | | | | | | | | | | | | | | | |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|
| 100 | 125 | 160 | 200 | 250 | 315 | 400 | 500 | 630 | 800 | 1000 | 1250 | 1600 | 2000 | 2500 | 3150 | 4000 | 5000 |
| 31 | 34 | 39 | 38 | 42 | 47 | 48 | 47 | 47 | 45 | 41 | 44 | 49 | 53 | 53 | 51 | 52 | 54 |

ALL DIMENSIONS
BOTH IN INCHES
AND MILLIMETERS