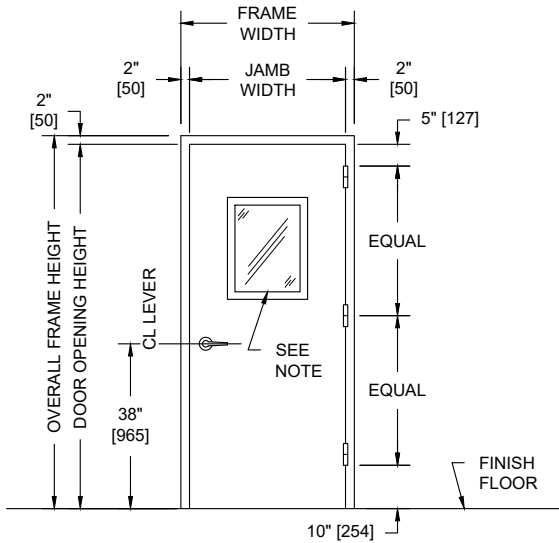
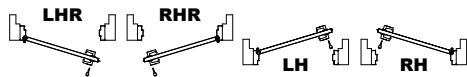


MODEL NO. 4712021 / UL FIRE RATED / STC 47 / E90-09 / DUAL GLAZED SOUND CONTROL DOOR AND FRAME ASSEMBLY / SINGLE MAGNETIC GASKETS



PUBLIC SIDE ELEVATION
RIGHT HAND REVERSE BEVEL SHOWN

SECURED AREA (INTERIOR)

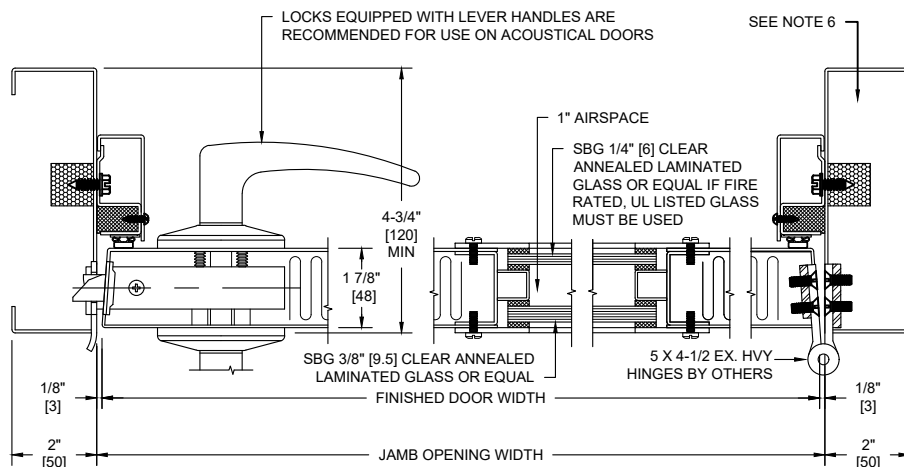


(KEY) SIDE

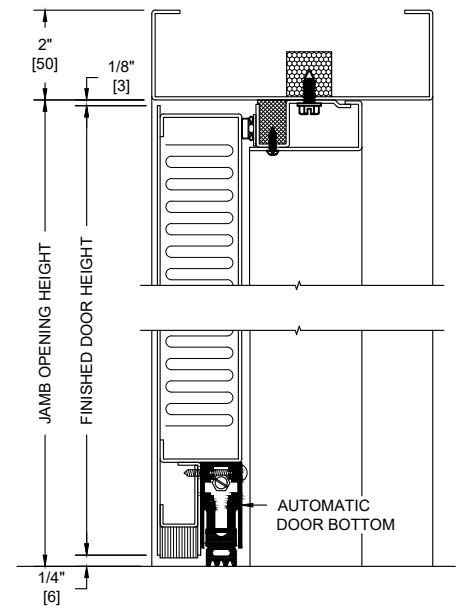
PUBLIC AREA (EXTERIOR)

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 magnetic seals at head and jambs. Door is equipped with an Overly Super "H" door bottom.
4. Door weight is 9.14 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 UL10C. Consult factory for specifics.
8. Door tested acoustically with 300 square inch vision light. Customer to specify size.
9. Unit tested as single door at Riverbank Acoustical Laboratories. Results are described in Test Report No. TL12-021 with sound transmission results as shown in chart below.
10. Door construction is covered by US Patent No. 5,417,029.
11. Door also tested without positive latching device and achieved an STC47 rating. See STC4712022 data sheet for more information.



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 |
| 30 | 27 | 32 | 32 | 39 | 45 | 45 | 46 | 47 | 45 | 45 | 48 | 51 | 52 | 51 | 50 | 51 | 52 |

ALL DIMENSIONS BOTH IN INCHES AND MILLIMETERS