

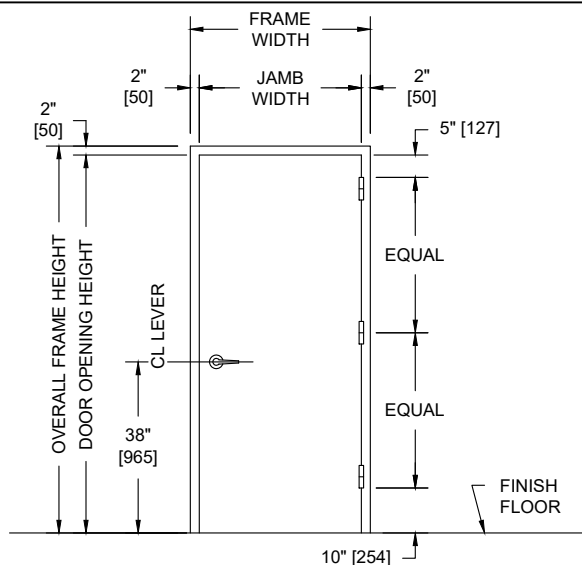
SERIES

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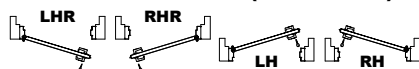
OVERLY
DOOR COMPANY

MODEL NO. 4812019 / UL FIRE RATED / STC 48 / E90-09 / FLUSH SOUND CONTROL DOOR AND FRAME ASSEMBLY / SINGLE MAGNETIC GASKETS



PUBLIC SIDE ELEVATION
RIGHT HAND REVERSE BEVEL SHOWN

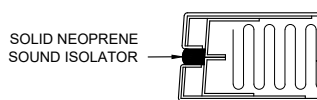
SECURED AREA (INTERIOR)



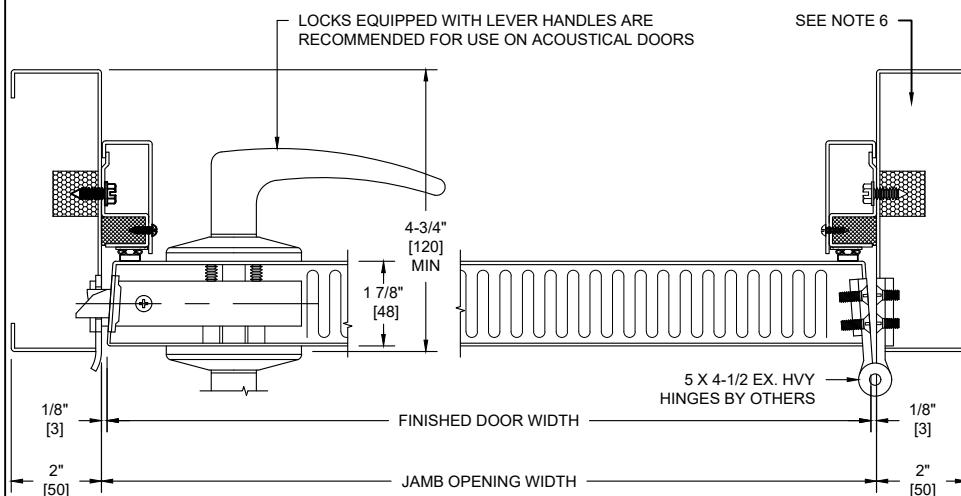
(KEY) SIDE PUBLIC AREA (EXTERIOR)

NOTES:

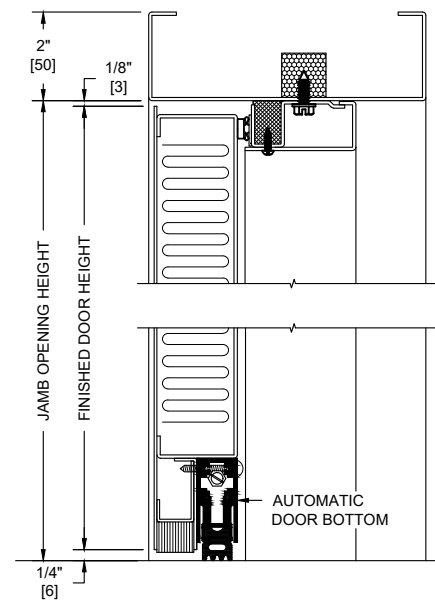
1. All exposed surfaces of door and frame to receive one coat of rust inhibitive prime paint.
2. Door bottom requires flush level sealing surface. Wood, aluminum, or stainless steel threshold recommended. Do not seal against carpet.
3. Frame is equipped with Overly single magnetic seals at head and jambs. Door is equipped with an 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. TL12-019 with sound transmission results as shown in chart below.
9. Door construction is covered by US Patent No. 5,417,029.
10. Door also tested without positive latching device and achieved an STC47 rating. See STC4812020 data sheet for more information.



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
30	34	37	38	42	45	47	48	48	46	47	48	51	52	49	48	50	52

ALL DIMENSIONS
BOTH IN INCHES
AND MILLIMETERS