

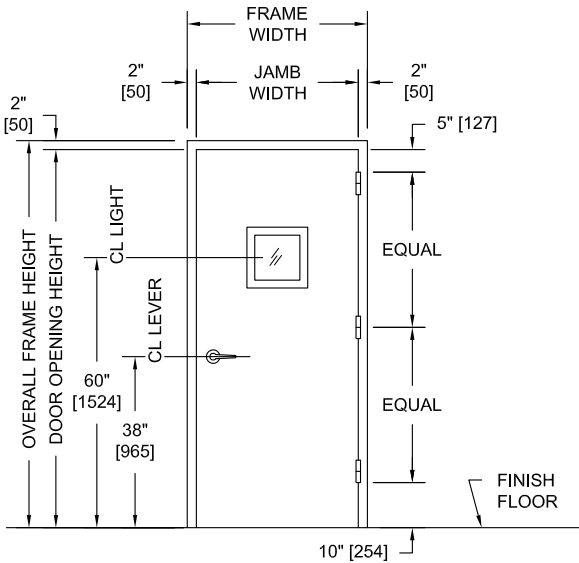
# SERIES

# SC



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## MODEL NO. 4992295 / UL FIRE RATED / STC 49 / SINGLE GLAZED SOUND CONTROL DOOR AND FRAME ASSEMBLY / SINGLE COMPRESSION SEALS

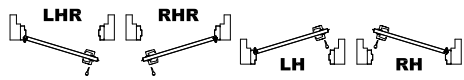


**PUBLIC SIDE ELEVATION**  
RIGHT HAND REVERSE BEVEL SHOWN  
SHOWN WITH 10" X 10" VISION LIGHT

**NOTES:**

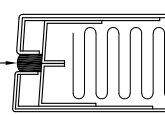
1. All exposed surfaces of door and frame to receive one coat of rust inhibitive prime paint.
2. Door bottom requires flush level sealing surface. Wood, aluminum, or stainless steel threshold recommended. Do not seal against carpet.
3. Frame is equipped with Overly Single "H" compression seals at head and jamba. Door is equipped with an Overly Super "H" door bottom.
4. Door weight is 11.2 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 jamba 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. Unit tested as single door at Riverbank Acoustical Laboratories. Results are described in Test Report No. TL92-295 with sound transmission results as shown in chart below.
9. Door tested acoustically with 100 square inch vision light. Customer to specify size.
10. Door construction is covered by US Patent No. 5,417,029.

**SECURED AREA (INTERIOR)**

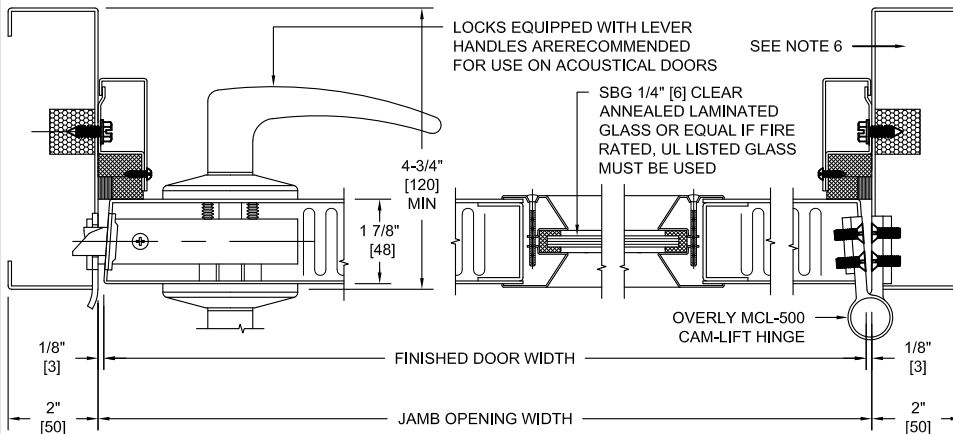


**(KEY) SIDE**  
**PUBLIC AREA (EXTERIOR)**

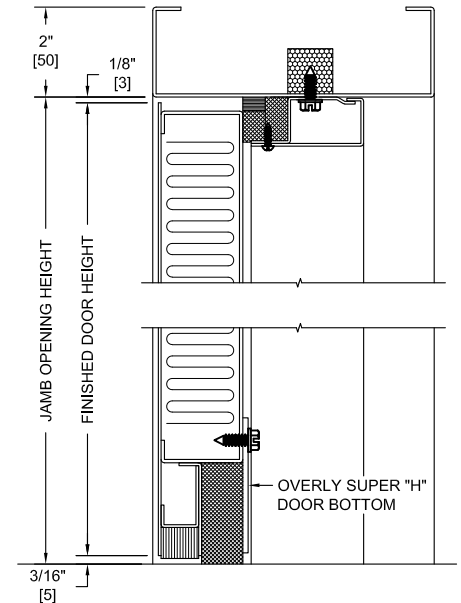
SOLID NEOPRENE  
SOUND ISOLATOR



**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
28	32	37	41	42	42	43	46	47	49	50	51	51	54	47	52	53	55

ALL DIMENSIONS  
BOTH IN INCHES  
AND MILLIMETERS