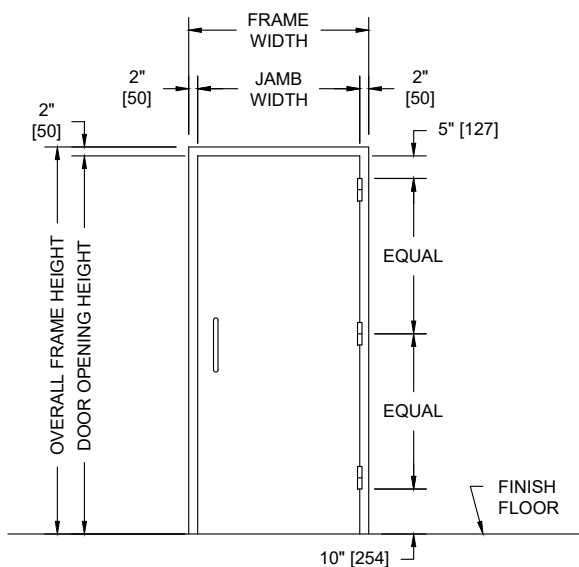


**MODEL NO. 5012017 / STC 50 / E90-09 / FLUSH SOUND CONTROL DOOR AND FRAME ASSEMBLY / SINGLE MAGNETIC GASKETS PUSH/PULL OPERATION / NO LATCHING DEVICE REQUIRED**



**PUBLIC SIDE ELEVATION**  
RIGHT HAND REVERSE BEVEL SHOWN

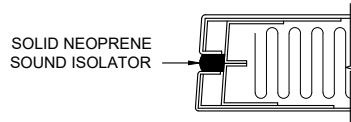
**NOTES:**

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 magnetic seals at head and jambs. Door is equipped with an Overly Super "H" door bottom.
4. Door weight is 10.0 pounds per square foot.
5. Door can be equipped with push/pull plates and closer, Customer to specify.
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. Unit CANNOT bear a UL fire label.
8. Unit tested as single door at Riverbank Acoustical Laboratories. Results are described in Test Report No. TL12-017 with sound transmission results as shown in chart below.
9. Door construction is covered by US Patent No. 5,417,029.

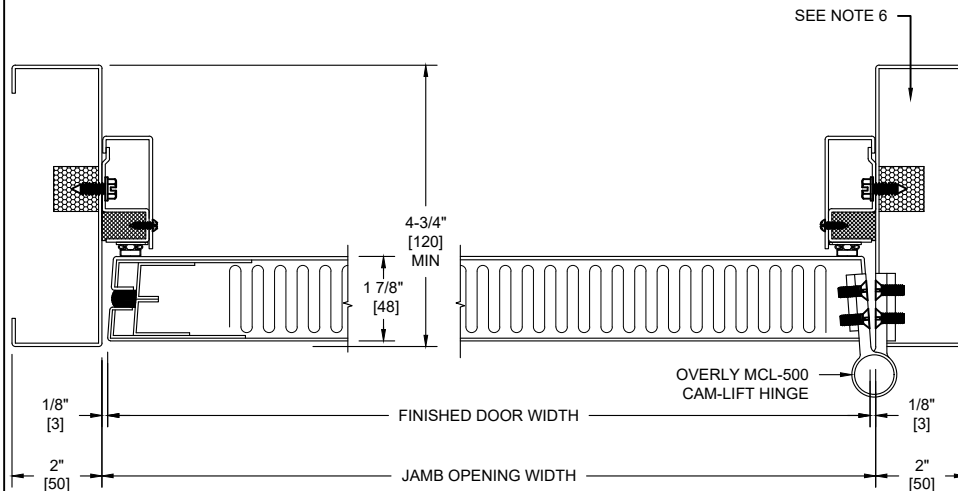
**SECURED AREA (INTERIOR)**



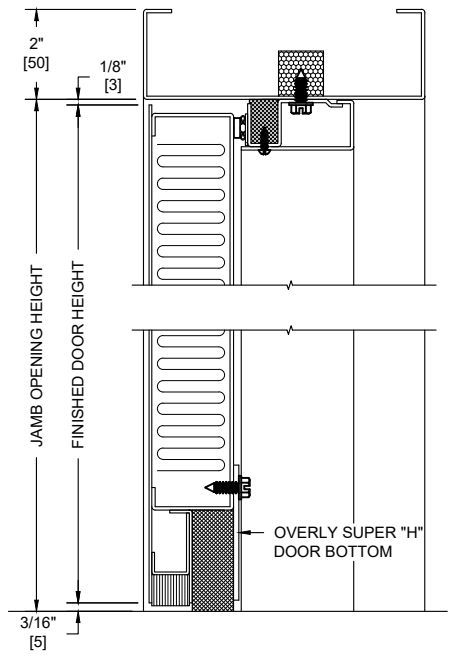
**(KEY) SIDE PUBLIC AREA (EXTERIOR)**



**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
29	32	36	37	41	45	47	48	50	50	52	53	54	52	50	50	52	53

ALL DIMENSIONS BOTH IN INCHES AND MILLIMETERS