



VT ARCHITECTURAL WOOD DOORS

PRINCIPLE BENEFITS AND FEATURES OF THIS CONSTRUCTION

- Available with a 20-min fire rating
- Provides x-ray protection
- LEED® MR4 - Recycled Content, EQ4.4 No Added Urea-Formaldehyde

ENGINEERING SPECIFICATIONS

Sizes: Min. 2'-0" x 6'-0", Max. 4'-0" x 8'-0"

Thickness: 2-1/4"

Frame: Tested in grouted steel frame, must be installed in frame that will maintain the acoustical rating

Stiles: Meets WDMA Extra Heavy Duty I.S. 1A Performance Level

Faces: Wood Veneers, MDO, High-Pressure Decorative Laminate, Vinyl

Latching Hardware: Single Point Latch

Hinges: Level Swing - Butt Hinges

LEED® Contributions: MR4 - Recycled Content, EQ4.4 - No Added Urea-Formaldehyde

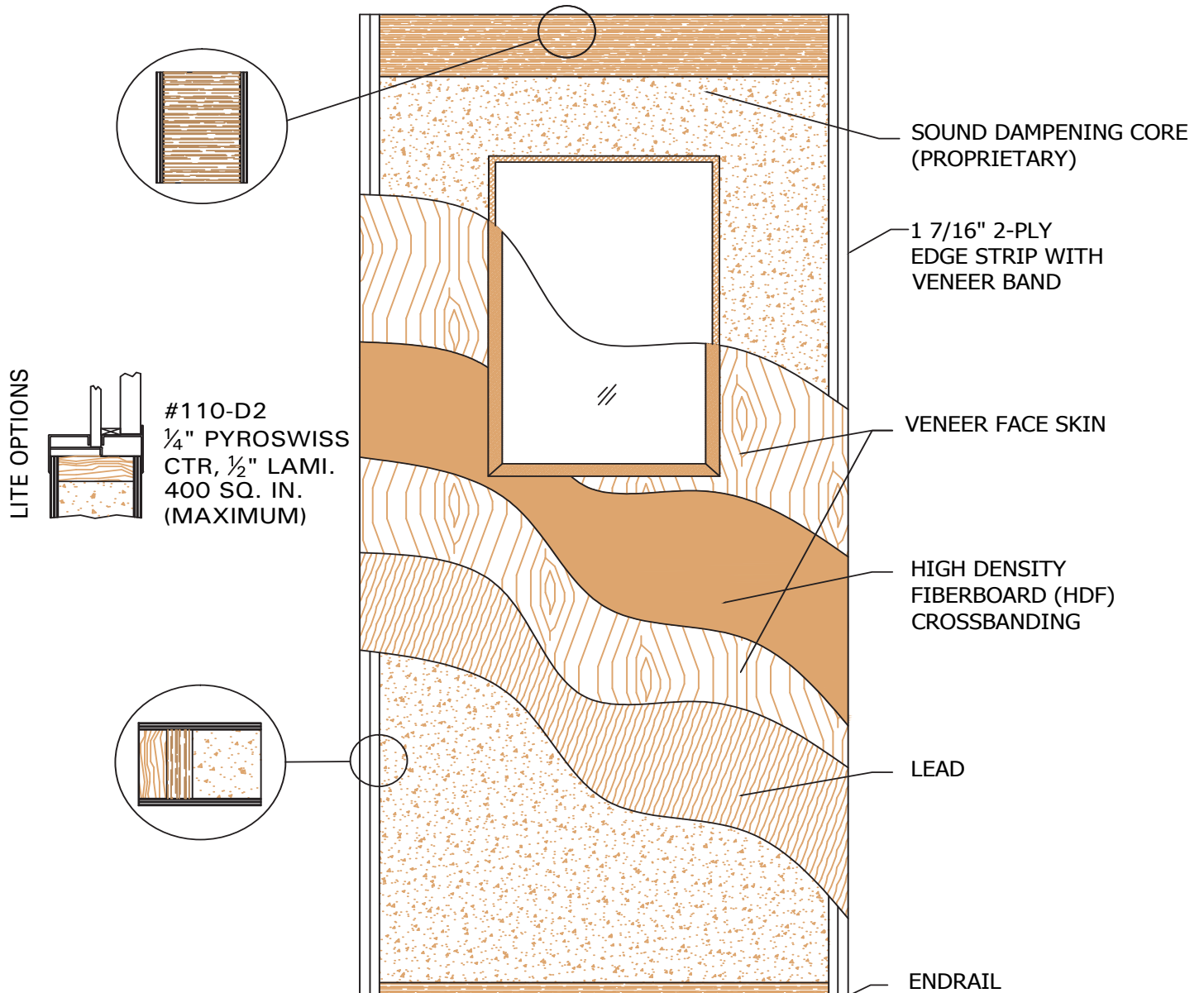
Standards: ASTM E90, E413

SINGLE SWING FLUSH DOORS	STC 47	STC 48	STC 51
Fire-Rating	20-Min	N/A	20-Min
Lites	VP: 110-D2 Pyroswiss/1/2" Laminated 400 sq. in. max	Bead: 110 1-1/8" NR IGU 400 sq. in. max	N/A
Gasket Systems	A		
Test Report	TL95-351	TL95-350	TL94-37
Weight Per Square Foot	15.8lbs		

PERFORMANCE DESCRIPTION

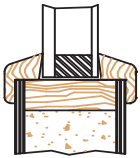
STC RATING	WHAT CAN BE HEARD THROUGH THE DOOR
20-25	Very poor - Low speech audible
25-30	Poor - Normal speech understood easily and distinctly
30-35	Fair - Loud speech understood fairly well
35-40	Good - Loud speech heard but hardly intelligible, this is the onset of acoustic "privacy"
40-50	Very Good - Loud speech heard faintly, 90% of a typical group sample not annoyed
50-52	Excellent - Loud sounds heard faintly or not at all, 99% of a typical group sample not annoyed

DOOR ELEVATION - STC 47 SG6

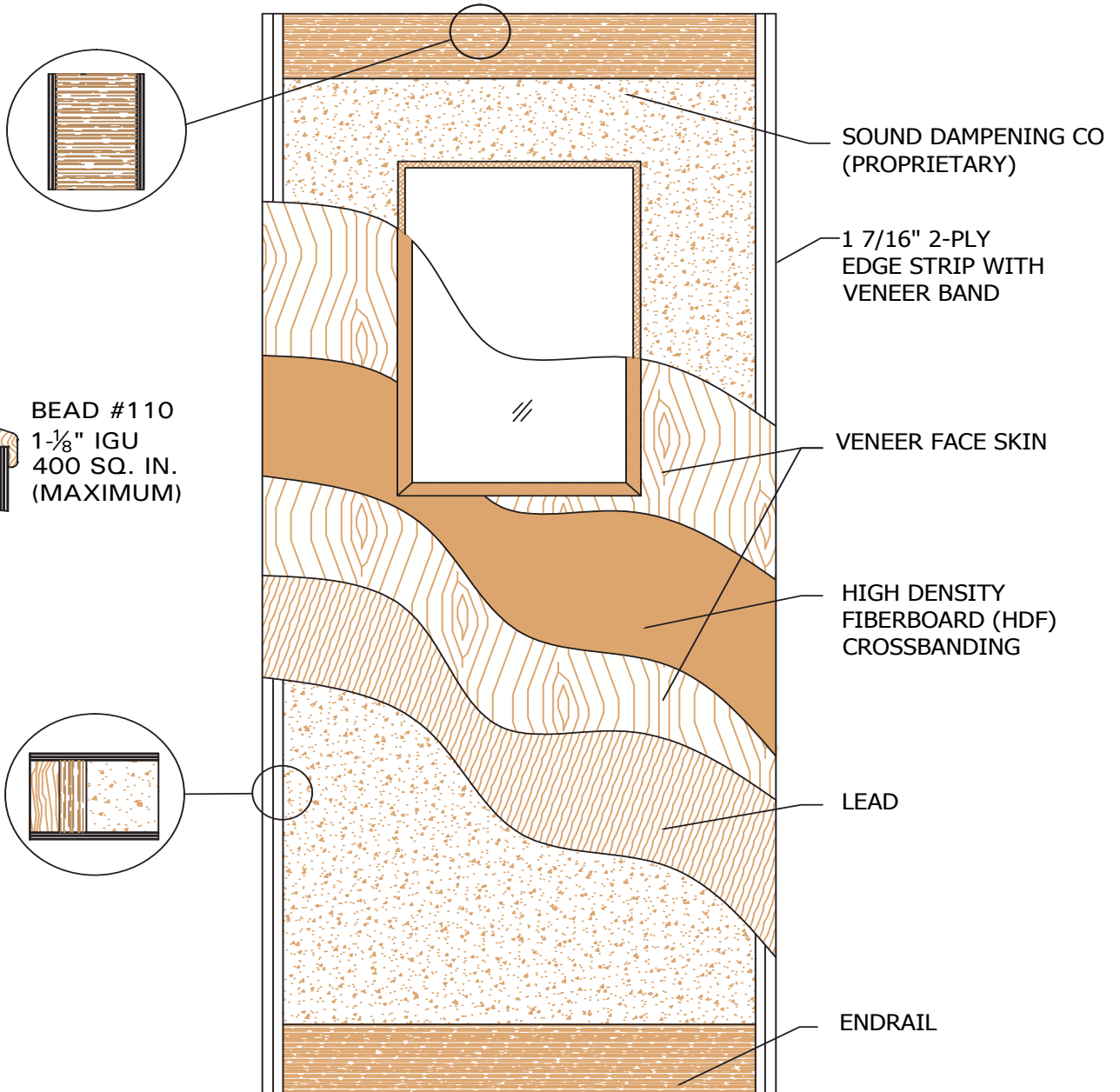


DOOR ELEVATION - STC 48 SG6

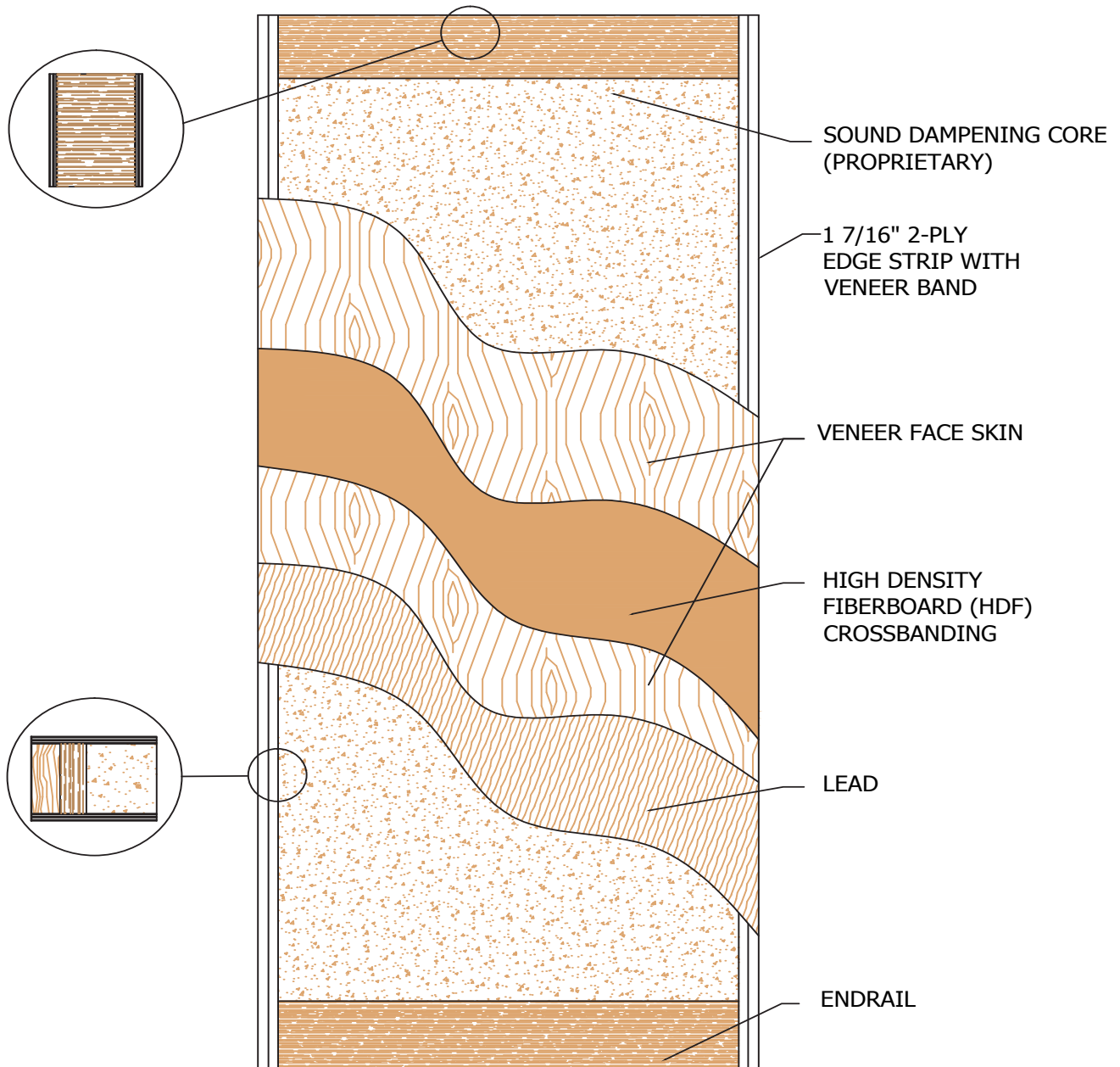
LITE OPTIONS



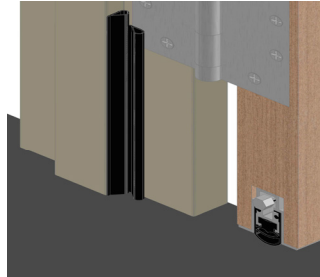
BEAD #110
1-1/8" IGU
400 SQ. IN.
(MAXIMUM)



DOOR ELEVATION - STC 51 SG6



GASKETING SYSTEMS



Gasket System A

- Double row Pemko S-88 gasket, Pemko 434 door bottom, Pemko 2005 threshold
- Required Undercut: 1/2"