

1. METALTRENDS™ GENERAL PRODUCT NOTES

MetalTrends™ Tranquility Acoustical Metal Wall Panels are supplied as factory assembled ready to mount units. Each unit consists of a fully formed perforated body, internal stiffeners and acoustical fill. Various mounting styles and components are available and shipped with the units. Standard Panels are nominally 2” thick.

2. STANDARD PANEL CONSTRUCTION

A. Galvanized Perforated Panel Body

Fabricated from 22 gauge A-60 galvanized sheet perforated with 3/32” diameter holes on a staggered 5/64” center pattern providing a minimum open area of 33%. Panel body is formed on vertical edges, back is open.

B. Panel Face Configuration

Available in FLAT or V-GROOVE face configuration.

C. Standard Panel Sizes

Panel Width: 18”, 24” and 30”

Panel Length: 12” to 150” for FLAT Faced Units, 12” to 126” for V-GROOVE Faced Units.

D. Internal Panel Stiffeners

Each Panel will include internal horizontal stiffeners as required fabricated from 18 GA A-60 galvanized sheet steel.

E. Acoustical Insulation Fill

Each Panel will be filled with 2” thick x 1.5LB per ft³ fiberglass.

F. Optional Acoustical Insulation Fill

Fill may be fully encapsulated in a 1.5 mil black polyethylene wrap. Also available, fill may be held behind the perforated skin with a poly web mesh spacer.

3. MOUNTING COMPONENTS

Mounting brackets and components are supplied as selected. Concealed mounting components are supplied in unfinished galvanized material. Exposed mounting components are supplied finished to match the Panels. All anchors and fasteners are to be supplied by the installer.

4. FIRE SAFETY

Panels meet ASTM E84 Class I Fire and Smoke characteristics.


5. FINISH

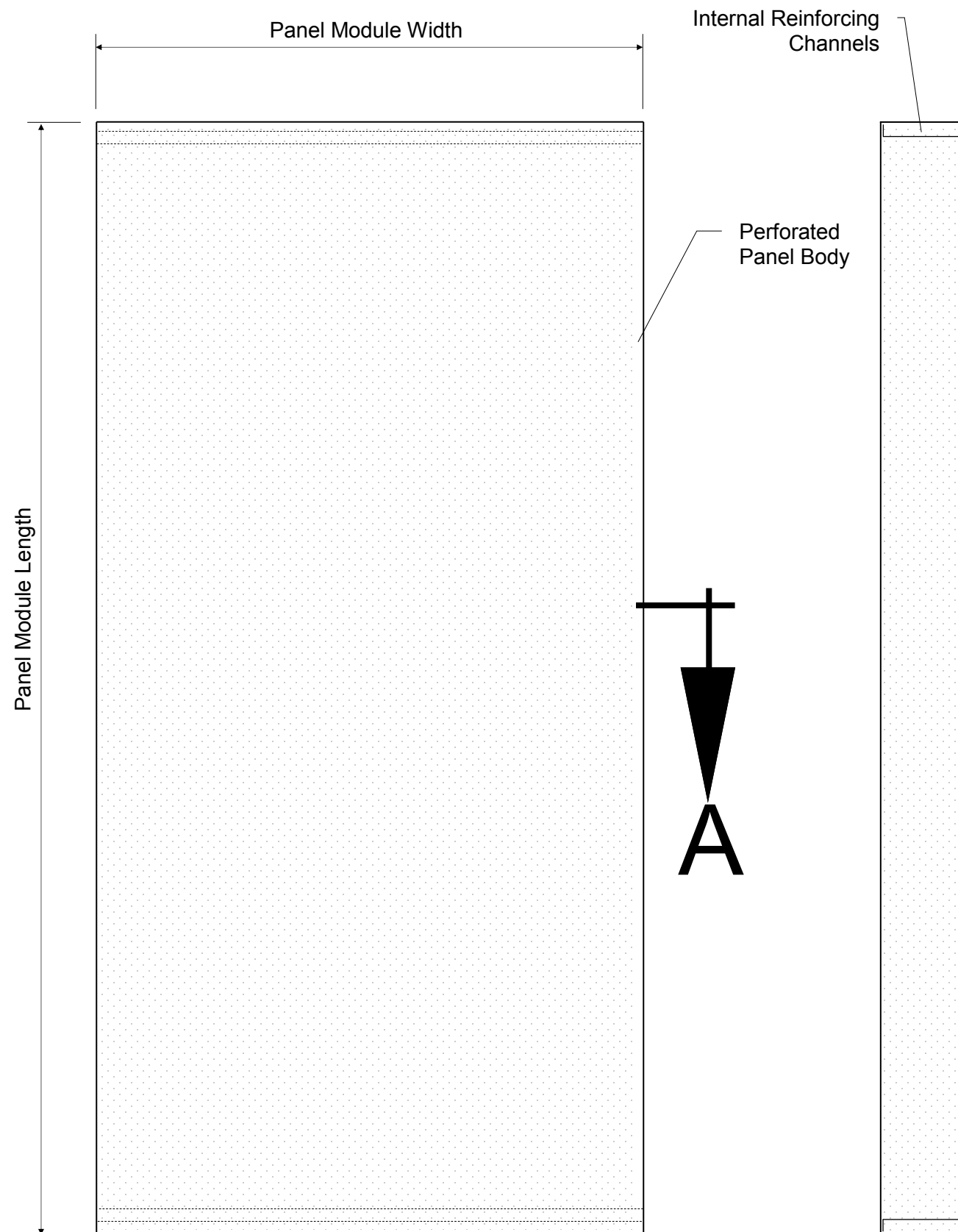
Panels may be supplied unfinished or with a baked polyester powder coating in standard RAL color choices.

6. CRATING & SHIPPING

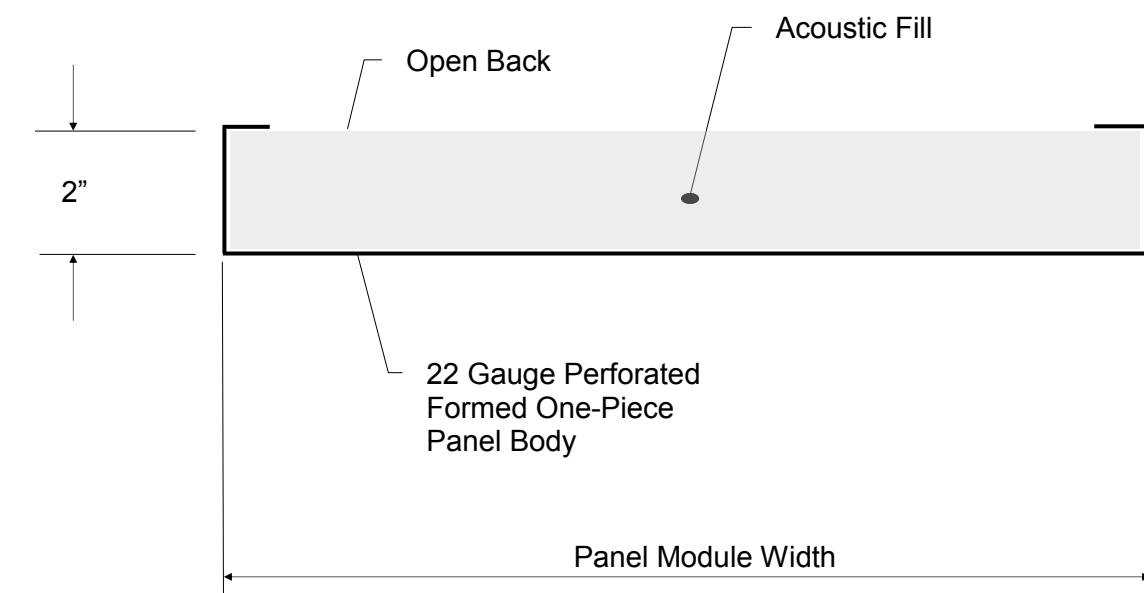
All Panels are shipped in wooden crates suitable for domestic transportation. Crates are not intended for long term or unprotected outdoor storage, exposure to high heat, weather or humidity and doing so will void all warranties.

METALTRENDS METAL FACED ACOUSTICAL PANELS											
Part Number / Style	Face Style	Mounting Type	Nominal Thickness (Inches)	Wrapped Fill Y/N	SOUND ABSORPTION COEFFICIENTS						
					Octave Band Center Frequency – Hz						
					125	250	500	1000	2000	4000	NRC
Tranquility Wall Panel	Flat	Flush	2.0	N	0.22	0.59	1.19	1.23	1.16	1.22	1.05
Tranquility Wall Panel	V-Groove	Flush	2.0	N	0.30	0.71	1.21	1.31	1.22	1.14	1.10
Tranquility Wall Panel	Flat	Stand-Off	2.0	N	0.41	0.92	1.31	1.23	1.25	1.32	1.18
Tranquility Wall Panel	V-Groove	Stand-Off	2.0	N	0.56	1.11	1.33	1.31	1.31	1.23	1.25

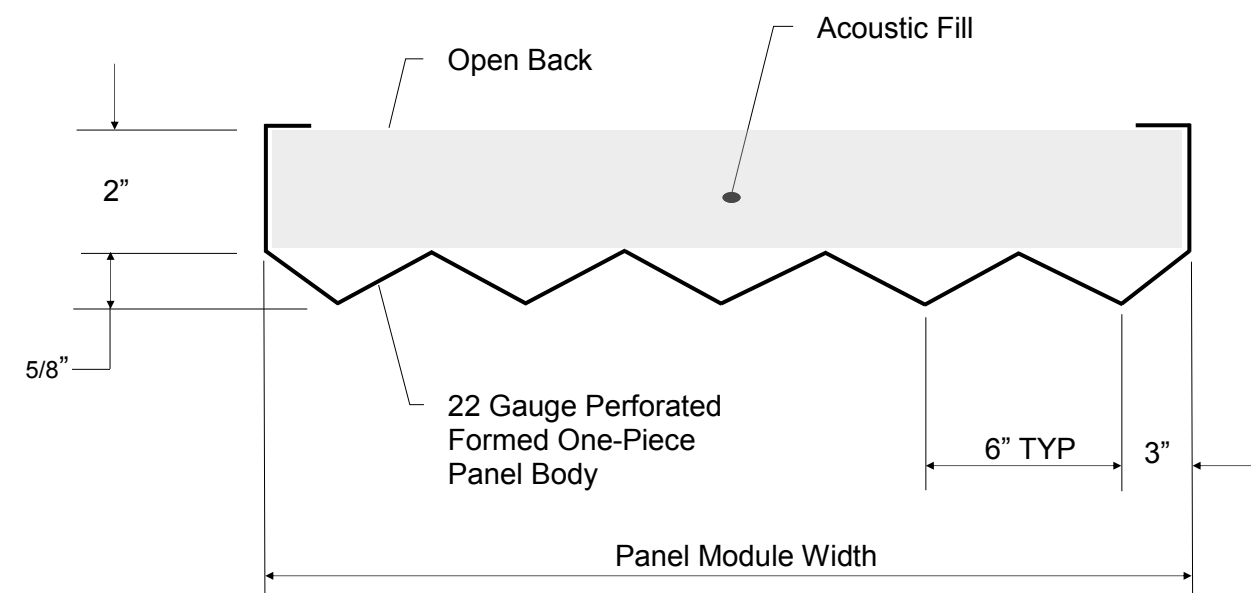
 <p>Sound Seal, Inc. www.soundseal.com</p>	PRODUCT LINE: TRANQUILITY Metal Wall Panels
	DETAIL: Standard Product Details
	DRWG No. : 42-0000-01A



STANDARD WALL PANEL MODULE



VIEW "A" FLAT Panel Face



VIEW "A" V-GROOVE Panel Face

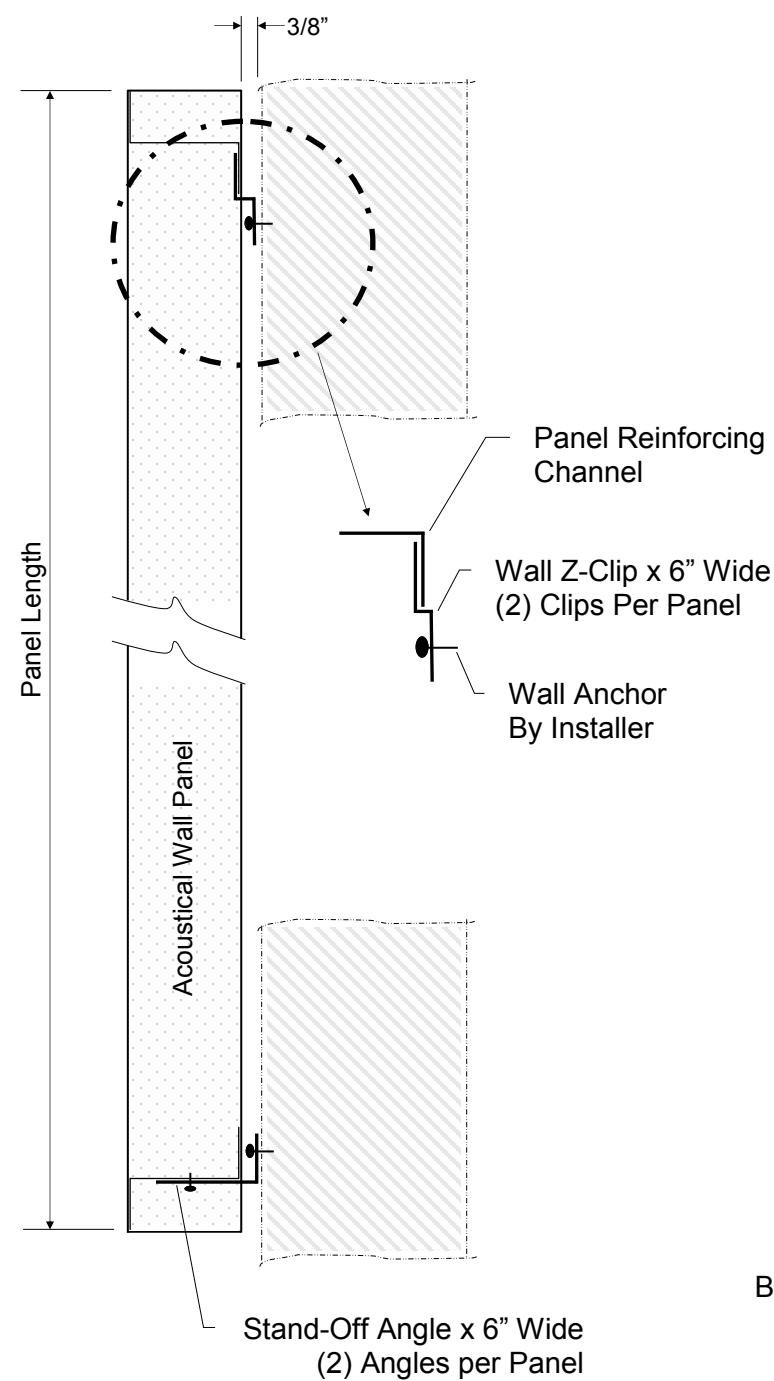


Sound Seal, Inc.
www.soundseal.com

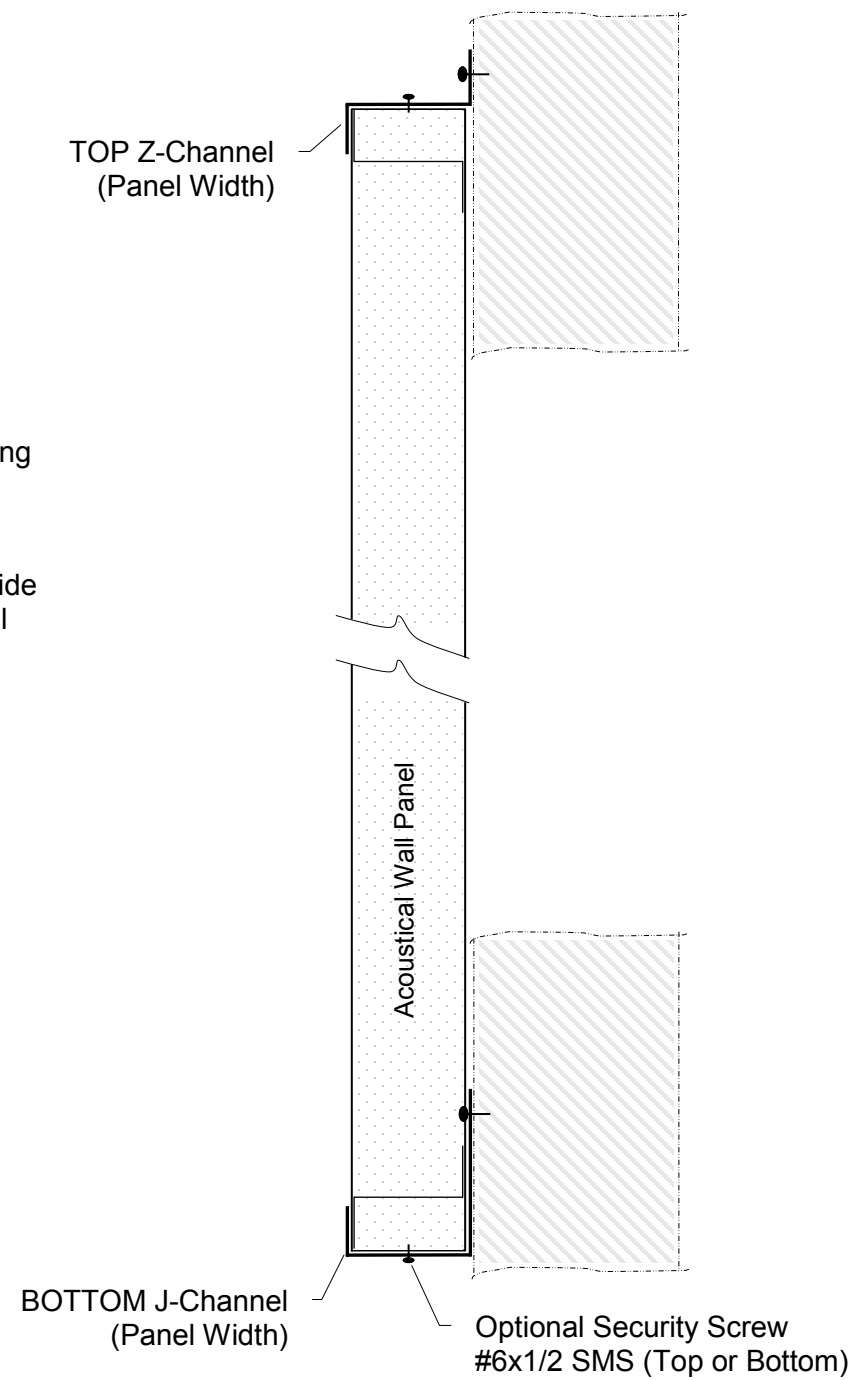
PRODUCT LINE: TRANQUILITY Metal Wall Panels

DETAIL: Standard Panel Configurations

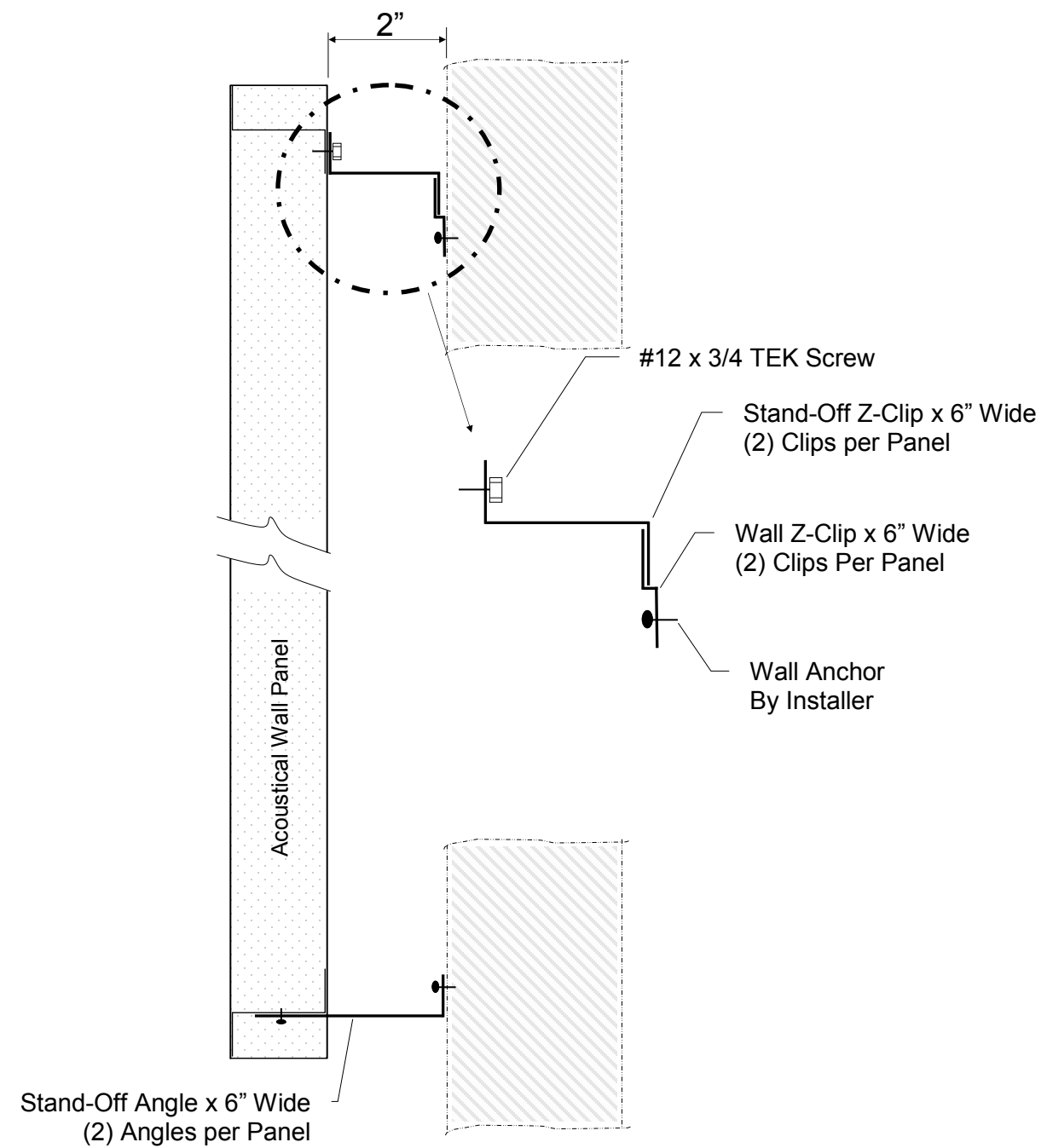
DRWG No. : 42-0000-01B



FLUSH MOUNT No. 1



FLUSH MOUNT No. 2



STAND-OFF MOUNT No. 3

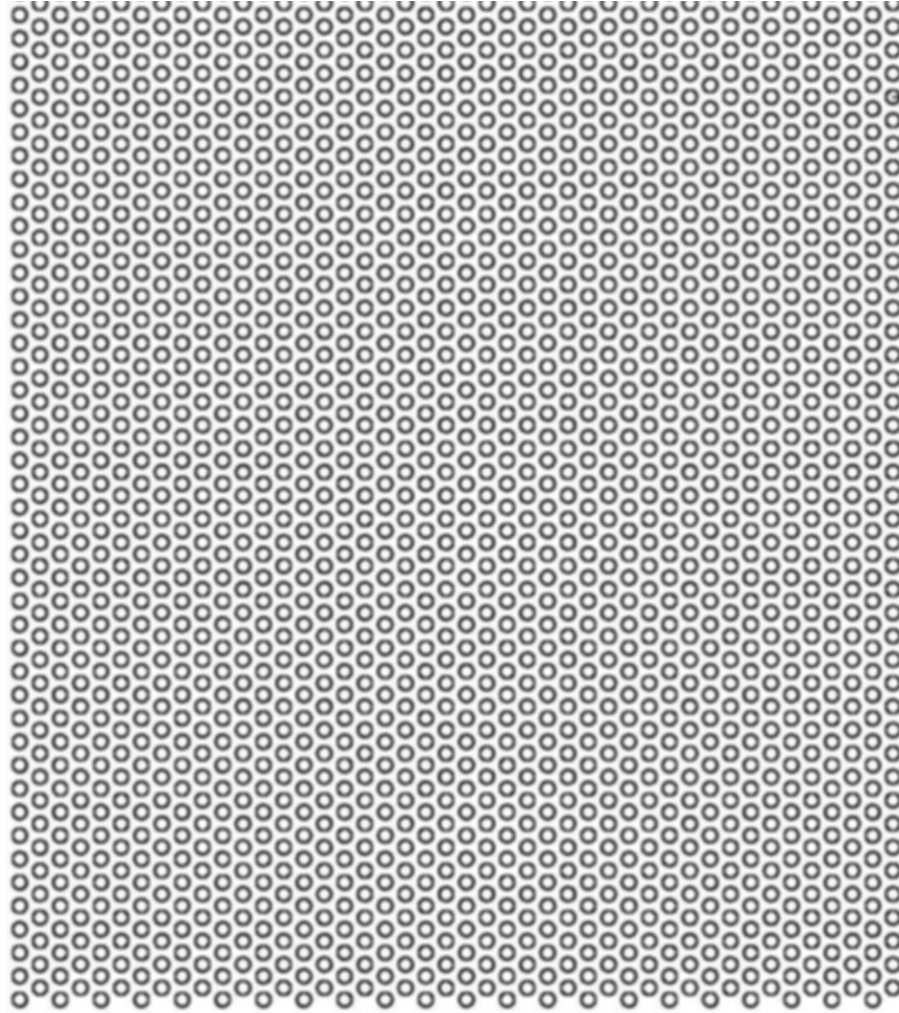


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PRODUCT LINE: TRANQUILITY Metal Wall Panels

DETAIL: Standard Wall Mounting Details

DRWG No. : 42-0000-01C

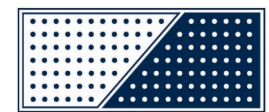


STYLE "A"
33% OPEN AREA PERF PATTERN

0.093" Diameter Holes on 0.156" Staggered Centers

Available Materials

A60 Galvaneal
G90 Galvanized
3003-H14 Aluminum
Type 304 2B Stainless



METALTRENDS
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PRODUCT LINE: TRANQUILITY Metal Wall Panels

DETAIL: Standard Perforating Patterns

DRWG No. : 42-0000-01D