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.
FLUSH MOUNT No. 1

Panel Length

Stand-Off Angle x 6’ Wide
(2) Angles per Panel

Acoustical Wall Panel

Wall Anchor
By Installer

Panel Reinforcing Channel

Wall Z-Clip x 6’ Wide
(2) Clips Per Panel

3/8”

TOP Z-Channel
(Panel Width)

FLUSH MOUNT No. 2

Panel Length

Optional Security Screw
#6x1/2 SMS (Top or Bottom)

Acoustical Wall Panel

Stand-Off Angle x 6’ Wide
(2) Angles per Panel

BOTTOM J-Channel
(Panel Width)

Acoustical Wall Panel

Stand-Off Z-Clip x 6’ Wide
(2) Clips per Panel

Stand-Off Angle x 6’ Wide
(2) Angles per Panel

STAND-OFFMOUNT No. 3

Panel Length

#12 x 3/4 TEK Screw

Wall Z-Clip x 6’ Wide
(2) Clips Per Panel

Wall Anchor
By Installer

Acoustical Wall Panel

Wall Z-Clip x 6’ Wide
(2) Clips Per Panel

Stand-Off Angle x 6’ Wide
(2) Angles per Panel

DETAIL: Standard Wall Mounting Details

PRODUCT LINE: TRANQUILITY Metal Wall Panels

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

PRODUCT LINE: TRANQUILITY Metal Wall Panels
DETAIL: Standard Perforating Patterns
DRWG No.: 42-0000-01D