



GENERAL NOTES:

SECTION B-B

- 1.) ABSORPTION PANELS ARE FORMED FROM 22 GA. PERFORATED STEEL WITH $\frac{3}{32}$ " HOLES ON $\frac{3}{6}$ " STAGGERED CENTERS. PANELS HAVE G-90 SPANGLED GALVANIZED COATING IF SUPPLIED UNPAINTED. PANELS THAT ARE SUPPLIED WITH FINISH PAINT ARE FORMED FROM A-60 GLAVANNEALED STEEL.
- 2.) PANEL FILL: IS NON-COMBUSTIBLE, SOUND ABSORBING FIBERGLASS.
- 3.) <u>FINISH</u>: PANELS ARE AVAILABLE WITH A TGIC POLYESTER POWDER COATING OR UNFINISHED G-90 SPANGLED GALVANIZED COATING. STD. PAINT COLOR IS RAL-9003 (STD. WHITE). ADDITIONAL COLORS ARE AVIALABLE AND CAN BE SELECTED BY ARCHITECT/CUSTOMER FROM STANDARD COLOR CHART SUPPLIED BY NOISE BARRIERS, LLC. COLOR TO BE:
- 4.) PANELS ARE SUPPLIED WITH CONTINUOUS 18 GA. TOP 'Z'-CHANNEL AND BOTTOM 'J'-CHANNEL FOR MOUNTING PANELS TO EXISTING WALL/CEILING. ANCHORING HARDWARE VARIES BASED ON EXISTING WALL CONSTRUCTION.

SOUND ABSORPTION COEFFICIENTS

| OCTAVE BAND CENTER FREQUENCIES (Hz) | 125 | 250 | 500 | 1K | 2K | 4K | NRC |
|-------------------------------------|------|------|------|------|------|------|------|
| QUITPERF NB-II V-RIDGE | 0.26 | 0.53 | 1.00 | 1.03 | 0.97 | 1.02 | 0.90 |

*All testing conducted by Riverbank Acoustical Laboratories. Sound Absorption Coefficients by the Reverberation Room Method ASTM C-423-02.

| PROPRIETARY | Ø | DESCRIPTION | DATE | BY | DESCRIPTION | UNIETDEDE | NR_II ' | V'_D | IDCE | ARSO | DDTION DANFIS | \Box |
|---|------------|-------------|------|----|-------------|---|----------------|------|------|------|---------------|------------|
| THIS DESIGN AND DRAWING IS THE EXCLUSIVE | Z | | | , | | QUIETPERF NB-II 'V'-RIDGE ABSORPTION PANELS NOISE BARRIERS | | | | | | |
| PROPERTY OF NOISE BARRIERS, LLC. AND | 101 | | | | CUSTOMER | | | | | | | |
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