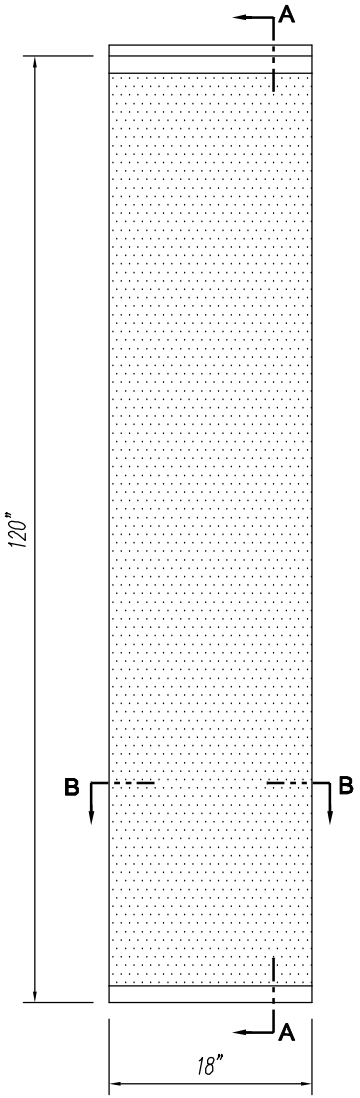
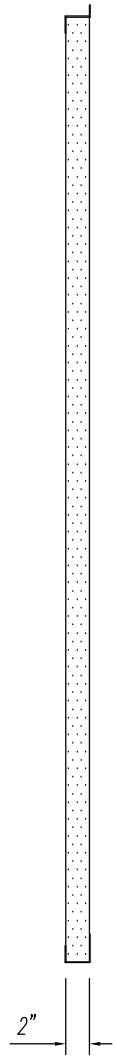
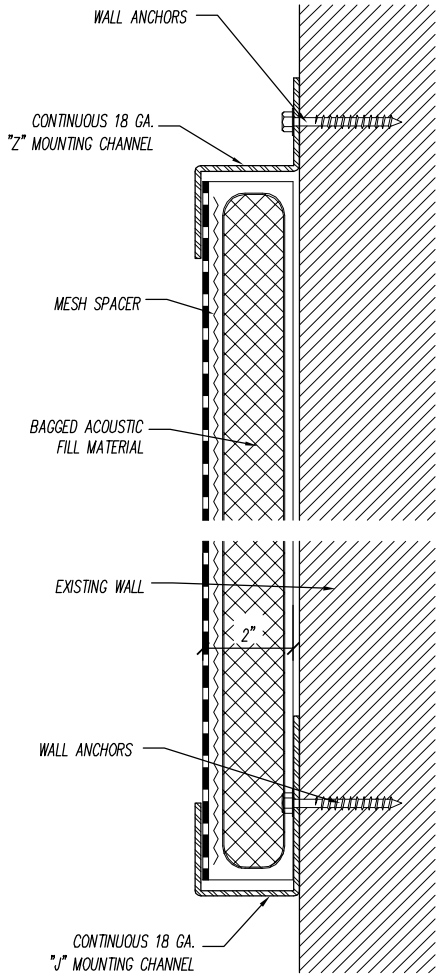


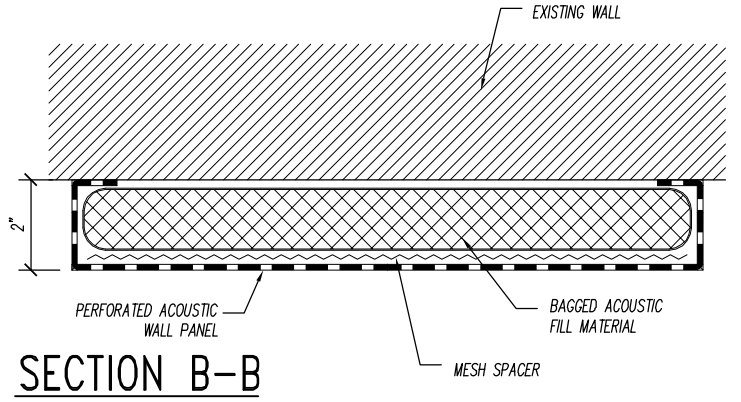

FRONT VIEW




RIGHT SIDE VIEW




SECTION A-A




SECTION B-B

GENERAL NOTES:

1.) ABSORPTION PANELS ARE FORMED FROM 22 GA. PERFORATED STEEL WITH 3/32" HOLES ON 3/16" 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. ACOUSTIC FILL IS PROTECTED WITH A 2 MIL POLY BAG AND PLASTIC MESH SPACER.

3.) FINISH: 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 |
|---|---|---|---|---|---|---|---|
| NB-II-B (W/ FILL PROTECTION & SPACER) | 0.35 | 0.63 | 1.08 | 1.12 | 0.94 | 0.77 | 0.95 |

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

| REVISIONS | DESCRIPTION | DATE | BY |
|---|---|---|---|
| | | | |

DESCRIPTION: QUIETPERF NB-II-B ABSORPTION PANELS
CUSTOMER:
DRAWN BY | SCALE | DRAWING NO.: NB-II-B-1
DATE | SHEET

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