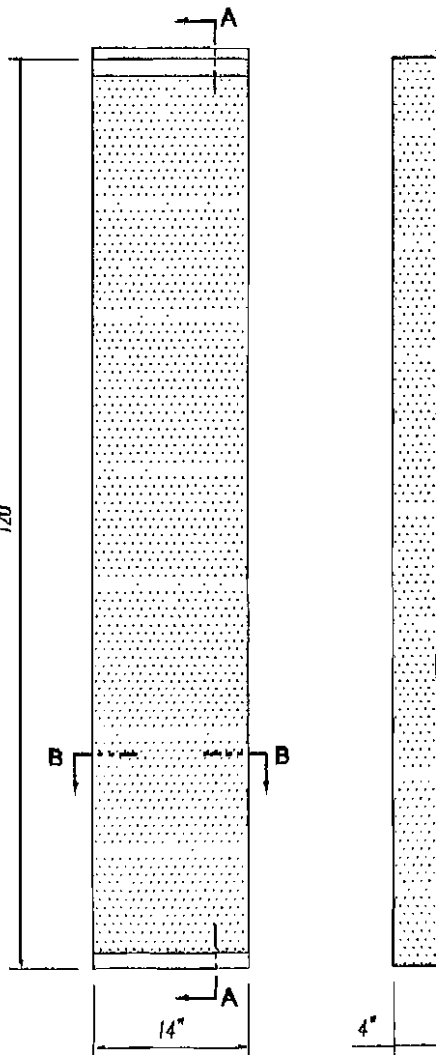
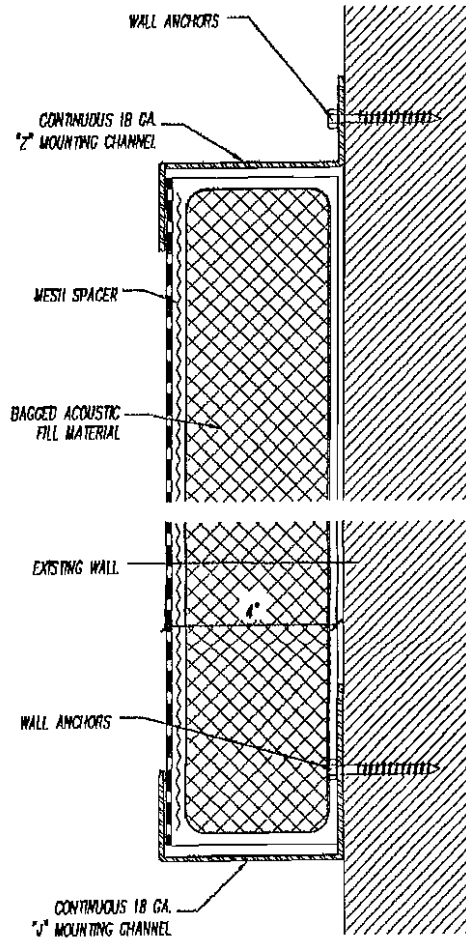


120"

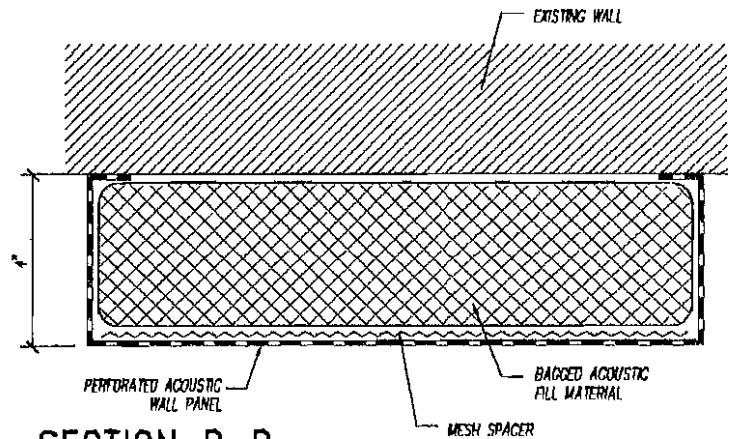


FRONT VIEW

RIGHT SIDE VIEW



SECTION A-A



SECTION B-B

GENERAL NOTES:

- 1.) ABSORPTION PANELS ARE FORMED FROM 22 GA. PERFORATED STEEL WITH $\frac{3}{16}$ " HOLES ON $\frac{1}{4}$ " STAGGERED CENTERS. PANELS HAVE G-90 SPANGLED GALVANIZED COATING IF SUPPLIED UNPAINTED. PANELS THAT ARE SUPPLIED WITH FINISH PAINT ARE FORMED FROM A-60 OLIVANNEALED 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 '2'-CHANNEL AND BOTTOM '1'-CHANNEL FOR MOUNTING PANELS TO EXISTING WALL/CEILING. ANCHORING HARDWARE VARIES BASED ON EXISTING WALL CONSTRUCTION.

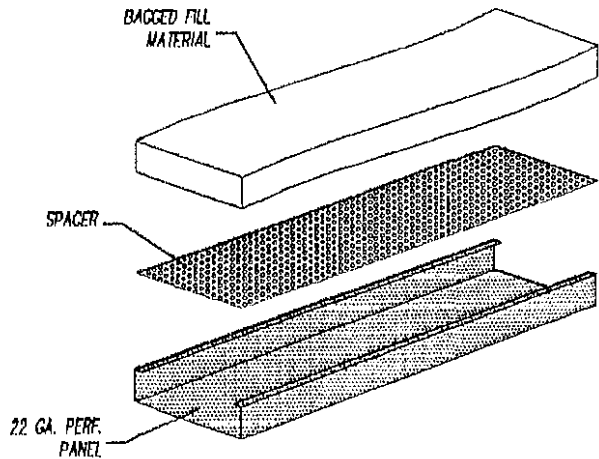
SOUND ABSORPTION COEFFICIENTS

OCTAVE BAND CENTER FREQUENCIES (Hz)	125	250	500	1K	2K	4K	NRC
NB-IV-B (W/ FILL PROTECTION & SPACER)	0.78	1.10	1.19	1.04	1.02	0.81	1.10

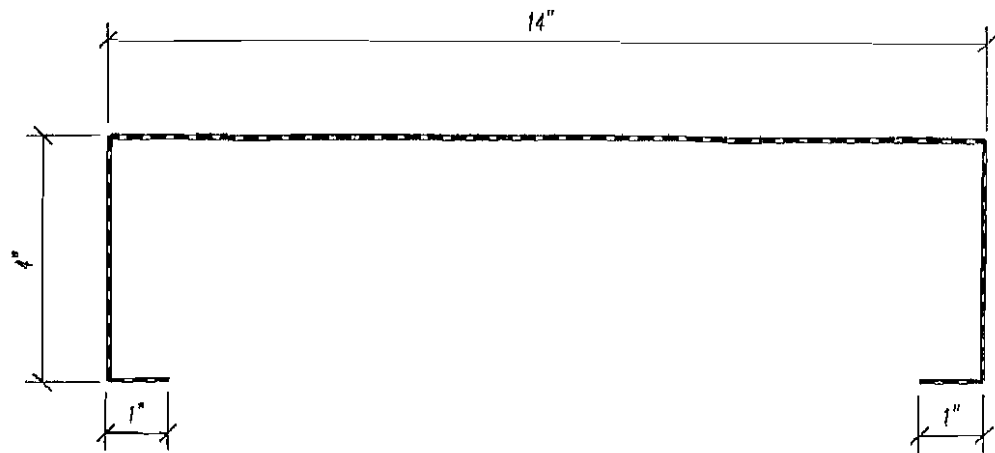
*All testing conducted by Riverbank Acoustical Laboratories. Sound Absorption Coefficients by the Reverberation Room Method ASTM C-423-02.

REVISIONS	DESCRIPTION	DATE	BY	DESCRIPTION
	QUIETPERF NB-IV-B ABSORPTION PANELS			
	CUSTOMER			
	DRAWN BY			SCALE
	DATE			DRAWING NO.
				SHEET
				NB-IV-B-1

 **Noise Barriers, LLC**
 1207 Remington Rd., Suite E
 Schaumburg, IL 60173
 Phone: (847) 843-0500
 Fax: (847) 843-0501
www.noisebarriers.com



EXPLODED NB-IV-B PANEL



TYPICAL PANEL PROFILE

SIZE: 4" THICK x 14" WIDE x _____" LONG

MAT'L: 22 GA. PERFORATED STEEL SHEET
 W/HOLE PATTERN: 3/32" DIA. HOLES
 ON 3/16" STAGGERED CENTERS

- G90 SPANGLER GALVANIZED
- A-60 GALVANNEALED/PAINTE GRIP

FINISH: UNFINISHED POWDER COATED,
 COLOR: _____

PANEL FILL PROTECTION: NONE
 BLACK POLY BAG
 MESH SPACER

QUANTITY: _____

PANEL No.	QTY.	LENGTH

REVISIONS	DESCRIPTION	DATE	BY	DESCRIPTION

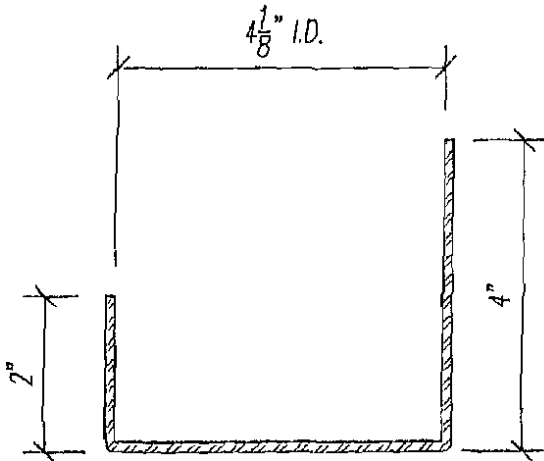
DESCRIPTION: QUIETPERF NB-IV-B ABSORPTION PANELS

PROJECT: _____

DRAWN BY: _____ SCALE: _____ DRAWING NO.:

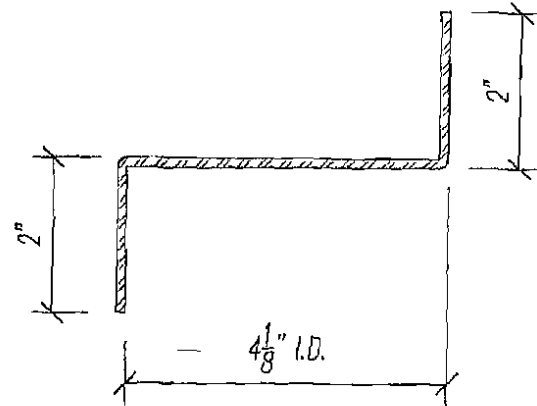
DATE: _____ SHEET: _____ **NB-IV-B-2**

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18 GA. BOT. 'J' CHANNEL

QTY. () @ 120" LONG



18 GA. TOP 'Z' CHANNEL

QTY. () @ 120" LONG


SIZE: SEE PROFILE x 120" LONG

MAT'L: G-90 GALVANIZED A-60 GALVANNEAL

FINISH: UNFINISHED POWDER COATED,
COLOR: _____

QUANTITY: _____

REVISIONS	DESCRIPTION	DATE	BY	DESCRIPTION	NB-IV-B TOP & BOT. MOUNTING CHANNELS	
					PROJECT	
				DRAWN BY	SCALE	DRAWING NO.
				DATE	SHEET	NB-IV-B-3



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Schaumburg, IL 60173
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www.noisebarriers.com