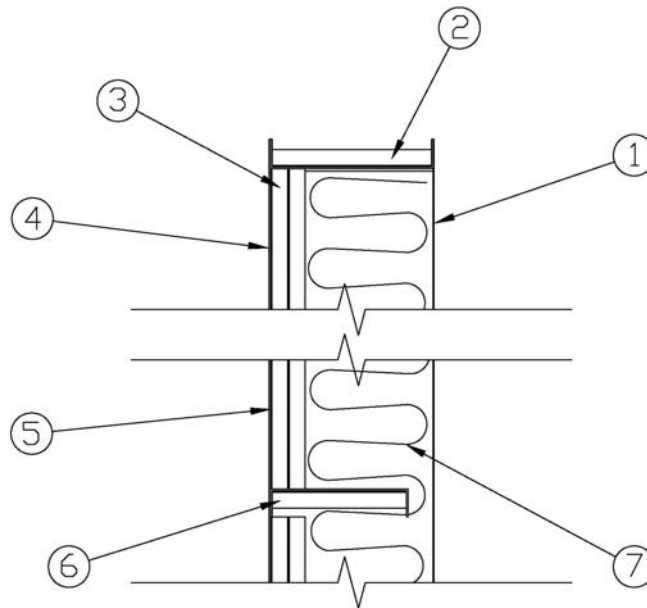


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**Noise Barriers, LLC**  
**Design Listing No. NBL/MWP 120-01**  
**QM-FR Wall Panels**  
**Standards – E119 (2009)**  
**Fire Rating – 2 Hour**

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1. CERTIFIED MANUFACTURER: Noise Barriers, LLC

CERTIFIED PRODUCT: Fire Rated Wall Assembly

MODEL: QM-FR

The product is a steel skinned acoustic wall with one side being perforated. It contains two layers of 5/8" Type X sheetrock on the non-perforated side as well as adhered to the slotted framing channels and is insulated with mineral wool. Caulk is applied to sheetrock to adhere to the framing channels and skins. Vertical stiffeners are the same 6" slotted framing channels as #2 in the above drawing and are spaced 20" o.c.

2. COMPONENTS:

1. 22 ga. perforated A60 galvanized or G90 galvanized steel skin

2. 6" slotted framing channel

3. 5/8" thick Type X sheetrock

4. 22 16 ga. A60 galvanized or G90 galvanized steel skin

5. 3M FireBarrier CP 25WB+ Caulk

6. 5" slotted framing channel

7. 8 pcf mineral wool insulation

[07 42 13 Metal Wall Panels]