CONSTRUCTION/ASSEMBLY NOTES:

1. PANEL SURFACES: SOUND FACE IS 0.085" 5052-H32 GRADE ALUMINUM, PERFORATED FACE IS 0.040" 5052-H32 GRADE ALUMINUM WITH 3/4" HOLES ON 1-1/2" STAGGERED CENTERS.

2. PANEL Fill: HIGH DENSITY, SEMI-RIGID, NON-HYDROSCOPIC FLEXIBAR. THE MAXIMUM UNSUPPORTED HEIGHT OF FILL SHALL NOT EXCEED 2'-9".

3. FINISH: THE SITE-MAINTAINED POLYESTER POWDER COATING IN COLOR SELECTED BY ARCHITECT/CUSTOMER FROM STANDARD COLOR CHART SUPPLIED BY NOISE BARRIERS, LLC. COLOR TO BE:

4. PANELS SHALL BE ADJACENT CONSECUTIVELY BETWEEN VERTICAL WIDE-FLANGED BEAMS. BARRIER WALL SHALL BE DESIGNED TO WITHSTAND WIND LOADS IN ACCORDANCE WITH THE SPECIFIED LOCAL CODE REQUIREMENTS OF THE PROJECT. REFER TO INSTALLATION DETAILS "OPTION 1" & "OPTION 2" FOR ALTERNATIVES.

5. THE BARRIER PANEL ARE DESIGNED TO WITHSTAND WIND LOADS OF 400 POUNDS PER SQUARE FOOT, BOTH NEGATIVE AND POSITIVE.

6. STRUCTURAL STEEL COLUMNS (IF REQUIRED) CAN BE PROVIDED IN EITHER HUT-CAPPED GALLAVANCED, PAINTED (STV. CRYSTAL), OR PAINTED IN COLOR TO MATCH PANELS.

7. FINISHED PANEL WEIGHT = 3.0 lbs/sq.ft.

BARRIER PANEL ACOUSTIC PERFORMANCE

SOUND TRANSMISSION LOSS, dB

<table>
<thead>
<tr>
<th>Frequency (Hz)</th>
<th>125</th>
<th>250</th>
<th>500</th>
<th>1k</th>
<th>2k</th>
<th>4k</th>
<th>8k</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sound Transm. Loss (dB)</td>
<td>14</td>
<td>22</td>
<td>31</td>
<td>42</td>
<td>52</td>
<td>63</td>
<td>73</td>
</tr>
</tbody>
</table>

*All data in accordance with ASTM E-96-98 and E413-87

SOUND ABSORPTION COEFFICIENTS

<table>
<thead>
<tr>
<th>Frequency (Hz)</th>
<th>125</th>
<th>250</th>
<th>500</th>
<th>1k</th>
<th>2k</th>
<th>4k</th>
<th>8k</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sound Absorp. Coeff (A)</td>
<td>0.90</td>
<td>1.25</td>
<td>1.16</td>
<td>1.08</td>
<td>1.06</td>
<td>0.95</td>
<td>0.88</td>
</tr>
</tbody>
</table>

*All data in accordance with ASTM C423-90a and E795-00

WALL SECTION DETAIL

SECTION A-A - OPTION #1

RETAIL @ #2 SHAPE NEEDED TO HESS TUBE COLUMN

SECTION A-A - OPTION #2

RETAIL @ WIDE-FLANGED COLUMN

QUIETLINE 'SL-R' CONCEALER ALUMINUM BARRIER PANEL

PROJECT: NOISE BARRIERS STANDARD DETAILS

PROPRIETARY

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