CONSTRUCTION/ASSEMBLY NOTES:

1. PANEL SURFACES: SOLID STEEL FACE IS 16 GA. (MIN.), 14 GA. SOLID IS USED IF PANELS ARE OVER 12 FEET IN LENGTH. PERFORATED STEEL FACE IS 22 GA. (MIN.) WITH 3/8" HOLES ON 3" STaggered CENTERS. PANEL CONSTRUCTION IS AVAILABLE IN "PAINT READY" A-60 GALVANIZED 0.060-0.100 GALVANIZED STEEL.

2. PANEL Fill: HIGH DENSITY, SIPH-MAT, NON-HYDROPHILIC FIBERGLASS. THE MAXIMUM UNSUPPORTED HEIGHT OF FILL SHALL NOT EXCEED 25FT.

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

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

5. THE BARRIER PANEL ARE DESIGNED TO WITHSTAND WIND LOADS OF 45 POUNDS PER SQUARE FOOT, BOTH NEGATIVE AND POSITIVE.

6. STRUCTURAL STEEL COLUMNS (IF SCHEDULED) CAN BE PROVIDED IN EITHER HOT-DIPPED GALVANIZED, FLAME PAINTED (STD. GRAY), OR FINISH PAINTED IN COLOR TO MATCH PANELS.

7. FINISHED PANEL WEIGHT = 5.5 Lb/ft2/4'x6'

BARRIER PANEL ACOUSTIC PERFORMANCE

SOUND TRANSMISSION LOSS, dB

<table>
<thead>
<tr>
<th>STEEL BAR AND CORE INTENSITY (A)</th>
<th>125</th>
<th>250</th>
<th>500</th>
<th>1K</th>
<th>2K</th>
<th>4K</th>
<th>8K</th>
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</thead>
<tbody>
<tr>
<td>16 GA. SOLID STEEL FACE</td>
<td>35</td>
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SOUND ABSORPTION COEFFICIENTS

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<th>STEEL BAR AND CORE INTENSITY (A)</th>
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<th>1K</th>
<th>2K</th>
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</tr>
</thead>
<tbody>
<tr>
<td>16 GA. SOLID STEEL FACE</td>
<td>0.92</td>
<td>1.10</td>
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<td>1.33</td>
<td>1.04</td>
<td>0.94</td>
<td>0.83</td>
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WALL SECTION DETAIL

SECTION A-A - OPTION #2

WIDE-FLANGED BEAM DETAIL FOR HIGH WIND LOADS, TALL WALLS, AND POST SPACING APPLICATIONS

SECTION A-A - OPTION #1

WIDE-FLANGED BEAM DETAIL FOR STANDARD APPLICATIONS

QUITELINE 'SL'

STEEL BARRIER PANEL

PROJECT: NOISE BARRIERS STANDARD DETAILS

SUBMITTED BY: DATE:

APPROVED BY: DATE:

SHEET: