**Notes:**

1. Wall is to be designated Noise Barrier Wall Type 19A, 19B, 19C, or 19D. The contract specifies actual wall
designations.

2. For intermediate wall heights, use the next higher H.

3. All masonry shall be hollow unit and installed as running bond.

4. All masonry is to be specially inspected.

5. All Concrete Masonry Unit (CMU) cells have vertical steel reinforcing bars or bond beam units shall be filled with grout.

6. Panels shall have at least 3 feet of level ground on each side.

7. Construction joints in the shaft cap shall be spaced 12 feet maximum.

8. See “Masonry Wall Finishes and Details” sheet for masonry block finishes, special shapes, sizes and beyond.

9. The contract specifies actual foundation requirements.

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### Table

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</table>
**Typical Expansion Joint**

- **Cells with Vertical Reinforcing and Bond Beam**: Shallow be filled with grout.
- **Expansion Joint**: Filler placed in sand block recesses.
- **Cement**: Typically both sides of wall.
- **Traffic Side**: Expansion Joint Filler placed in sand block recesses.
- **#5 (Typ.)**: Plan View

**Concrete Shaft**

- **#4 Stirrup Spacing @ 12"**
- **3 ~ #4 Stirrup Spacing @ 6" W 3.5 Spiral @ 6" Pitch**

**Step Detail**

- **Concrete Shaft**
- **W 3 Spiral @ 6" Pitch**

**Note**: Spiral reinforcement shall be lapped as shown to terminate the ends of the spiral reinforcement (top and bottom).

**Detail A**

- **Expansion Joint at Width Step**

**See Detail B**

- **Expansion Joint**: Shallow be filled with grout.

**Typical Both Sides of Wall**

**Details**

- **#4 @ 1' - 0"**
- **Hook Parallel to Wall Layout Line**
- **135° Hook (Typ)**

**Depth D1 or D2 ~ SEE NOTE 9**

**Standard Plan D-2.66-00**

- **Harold J. Petersen 11/10/05**

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- **Washington State Department of Transportation**

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