### Masonry Wall Offset Spread Footing

**Masonry Wall Type 1A**

**Standard Plan D-2.04-01**

**Sheet 1 of 5 Sheets**

**NOTES**

1. Wall to be designated Noise Barrier Wall Type 1A, 1B, 1C, or 1D. 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 to be spalled impacted.
5. All Concrete Masonry Unit (CMU) units that have vertical steel reinforcing bars or bond beam units shall be filled with grout.
6. Panel shall have at least 3 feet of level ground on each side.
7. Construction joints in the footing shall be spaced at 1200 feet maximum.
8. See "Masonry Wall Finish and Details" sheet for masonry block finish, special shapes, sizes, and layout.

### Masonry Wall Footing

<table>
<thead>
<tr>
<th>CREW WIDTH</th>
<th>X</th>
<th>W</th>
<th>BAR &quot;A&quot;</th>
<th>BAR &quot;B&quot;</th>
<th>BAR &quot;C&quot;</th>
<th>BAR &quot;D&quot;</th>
<th>BAR &quot;E&quot;</th>
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<td>10'-0&quot;</td>
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</tbody>
</table>

**CRED = CONCRETE MASONRY UNIT**

**BAR = REBAR LENGTH**

- **5/8**: 2'-0"
- **3/4**: 2'-0"
- **1**: 2'-0"

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**Typical Section**

- **2" CU**: 8'-0"
- **4" CU**: 6'-0"
- **6" CU**: 4'-0"
- **10" CU**: 2'-0"
- **12" CU**: 2'-0"
- **14" CU**: 2'-0"
- **16" CU**: 2'-0"
- **18" CU**: 2'-0"
- **20" CU**: 2'-0"
- **22" CU**: 2'-0"

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**Offset Spread Footing**

- **Center Wall on Footing 2'-0" W x 4'-0" D BM = 6'-0" **
- **2'-0" W x 4'-0" D BM = 6'-0" **

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**Construction Joint** (Refer to Notes 7)

**Expansion Joint @ 25'-0" Max Controlling Contour for Location**

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**Approvals for Publication**

- **Fredericksburg, VA**: 01-26-86

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