PART ELEVATION

SECTION A-A
H=6'-0" THRU H=10'-0"

SECTION B-B
H=12'-0" THRU H=16'-0"

SECTION A-A
H=6'-4" THRU H=10'-4"

H=12'-4" THRU H=16'-4"

TYPICAL SECTION

BARS

MORTAR CAP

BOND BEAM AT TOP
AND AT 3'-0" MAXIMUM CENTERS BELOW

EXPANSION JOINTS AT BE 4" WALL CENTERS.
SEE OTHER SHEETS FOR LOCATIONS.

FINISHED GRADE

MASONRY BLOCK SOUND WALL WITH BARRIER ON RETAINING WALL

REQUIREMENTS:

1. BARS & BLOCKS

2. MORTAR BED JOINTS:

3. MORTAR CAP

4. BOND BEAM AT TOP
AND AT 3'-0" MAXIMUM CENTERS BELOW

5. EXPANSION JOINT FILLER PLACED IN CONCRETE BARRIER

6. EXPANSION JOINT FILLER IN CONCRETE BARRIER

COMPRESSION STRENGTH OF CMU

<table>
<thead>
<tr>
<th>MAXIMUM H'</th>
<th>MIN. BARS</th>
<th>BARS &amp; Block</th>
<th>&quot;Y&quot;</th>
<th>f'M</th>
<th>COMPRESSION STRENGTH OF CMU</th>
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<tbody>
<tr>
<td>5'-0&quot;</td>
<td>#4</td>
<td>#5</td>
<td>8&quot;</td>
<td>1500</td>
<td>3000</td>
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<tr>
<td>8'-4&quot;</td>
<td>#4</td>
<td>#5</td>
<td>8&quot;</td>
<td>2000</td>
<td>4000</td>
</tr>
<tr>
<td>12'-4&quot;</td>
<td>#5</td>
<td>#6</td>
<td>8&quot;</td>
<td>2500</td>
<td>5000</td>
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</table>

H=6'-0" THRU H=10'-0"
For detail not shown, see NOTE 8

H=6'-4" THRU H=10'-4"
For detail not shown, see NOTE 8

H=12'-0" THRU H=16'-0"
For detail not shown, see NOTE 8

H=12'-4" THRU H=16'-4"
For detail not shown, see NOTE 8

NOTES:
1. For details not shown, see MASONRY BLOCK SOUND WALL WITH BARRIER ON RETAINING WALL - DETAILS
2. Slope ground on traffic side of barrier to drain. Maximum slope 8%.? 
3. See STANDARD PLANS B115-5 for other details.
4. For type of block and joint finish, see other sheets.
5. When blocks are laid in stacked bond, lower type, authorized joint reinforcement shall be provided. A minimum of 2-#4 gauge wire continuous on 5'-0" maximum to be used. Locate reinforcement in joints that are at the approximate midpoint between bond beams.
6. Horizontal joints shall be tooled concave or may be beveled. Vertical joints shall be tooled concave or may be rounded.
7. For intermediate wall heights that are between the above rails, use the recular information for the next higher rail.
8. Barrier and Retaining Wall Reinforcement not all shown see Std. Plans B115-6 for reinforcement.