**GENERAL NOTES:**


Design:
- Soil weight = 120 psf
- Backfill angle of internal friction = 33°
- Existing ground angle of internal friction = 30°

Masonry shall meet the Materials Notes requirements.
- All block cells shall be filled with concrete.
- For wall surface treatment and type of block, see Project Plans.
- All Concrete shall be Class 55 (f'c = 3000 psi).
- Reinforcing steel shall conform to AASHTO Specification A615. All reinforcing steel shall be furnished as Grade 60.
- All bends and hooks shall meet the requirements of AASHTO LRFD Article 5.10. All bend dimensions for reinforcing steel shall be out-of-out of bars. All placement dimensions for reinforcing steel shall be to center of bars unless noted otherwise.
- All reinforcing steel shall have 2 inch clear cover unless noted otherwise.
- Compact backfill for footing as well as wall base minimum 95 percent of AASHTO D698 maximum dry density.
- Dimensions shall not be scaled from drawings.

Pay Item is measured as wall height H times length of wall, and Pay Item includes all labor and materials for excavation, backfill, drainage, concrete footing and masonry wall with reinforcing steel.

Item No. 9141019 RETAINING WALL ( Masonry Cantilever)
- Measures: Square Foot

(GENERAL NOTES Continued on Dwg. 2 of 2)

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**WALL SCHEDULE**

<table>
<thead>
<tr>
<th>Wall Height</th>
<th>Wall Type</th>
<th>F.C. Width</th>
<th>S.T.</th>
<th>52</th>
<th>2</th>
<th>F1</th>
<th>F2</th>
<th>F3</th>
<th>Y</th>
<th>Footing</th>
<th>Factoried Average F.B.</th>
<th>Soil Bearing Pressure (psi)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3'-4&quot; to 4&quot;</td>
<td>A</td>
<td>3'-4&quot;</td>
<td>5.5</td>
<td>5.5</td>
<td>5.5</td>
<td>5.5</td>
<td>5.5</td>
<td>5.5</td>
<td>5.5</td>
<td>4'-0&quot;</td>
<td>1700</td>
<td>1000</td>
</tr>
<tr>
<td>4'-0&quot; to 5&quot;</td>
<td>A</td>
<td>4'-0&quot;</td>
<td>5.5</td>
<td>5.5</td>
<td>5.5</td>
<td>5.5</td>
<td>5.5</td>
<td>5.5</td>
<td>5.5</td>
<td>4'-0&quot;</td>
<td>1700</td>
<td>1000</td>
</tr>
<tr>
<td>5'-0&quot; to 6&quot;</td>
<td>B</td>
<td>5'-0&quot;</td>
<td>5.5</td>
<td>5.5</td>
<td>5.5</td>
<td>5.5</td>
<td>5.5</td>
<td>5.5</td>
<td>5.5</td>
<td>4'-0&quot;</td>
<td>1700</td>
<td>1000</td>
</tr>
<tr>
<td>6'-0&quot; to 7&quot;</td>
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<td>5.5</td>
<td>5.5</td>
<td>5.5</td>
<td>5.5</td>
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<td>4'-0&quot;</td>
<td>1700</td>
<td>1000</td>
</tr>
<tr>
<td>7'-0&quot; to 8&quot;</td>
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<td>5.5</td>
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<td>5.5</td>
<td>4'-0&quot;</td>
<td>1700</td>
<td>1000</td>
</tr>
</tbody>
</table>

* Additional Reinforcement required at Control Joints.