Notes:
1. The Patriot is K12 crash test certified by the U.S. Department of State (DOS) in 12 foot opening.
2. The Patriot is M50/P1 crash test certified according to ASTM F2656-07 in 24 foot opening.
3. All openings between 12 and 24' are engineered to meet ASTM F2656-07.
4. Black paint is standard. Custom specified paint colors are available.
5. Heaters are available for cold weather applications.
6. Hydraulic Power Unit (HPU) and Operator Control Panels are not shown.
7. Weather-proof HPU enclosure is standard.
8. Traffic signal lights, warning lights, vehicle detector loops, and other accessories are available.
9. Side columns can be hidden behind themed architectural walls, fences or facades.
10. Up to 4 inches (10mm) of decorative roadway material can be used around barrier.
11. Construction and installation by others, such as concrete foundation, rebar, roadway surface, conduit, wiring and hydraulic hoses.

<table>
<thead>
<tr>
<th>Dimension</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>J</th>
<th>K</th>
<th>L</th>
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OTHER CLEAR OPENING WIDTHS ARE AVAILABLE

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<th>C</th>
<th>D</th>
<th>E</th>
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<td>1016</td>
<td>305</td>
<td>2194</td>
</tr>
</tbody>
</table>
DRAIN CONNECTION (2 TOTAL)

SHALLOW TROUGH ACROSS ROADWAY

CONCRETE BASE SLAB

BASE PLATE

ELECTRICAL CONDUIT

CONNECTION 1

ELECTRICAL CONDUIT

CONNECTION 2

HYDRAULIC CONDUIT

CONNECTION

SIDE COLUMNS

ACTIVE RAISING BEAM

OPERATING HYDRAULIC CYLINDER ABOVE GROUND

REINFORCED CONCRETE FOUNDATION

STANDARD Ø .020 REBAR

MINIMUM 3,000 PSI CONCRETE

BRUSHED CONCRETE SURFACE OR OPTIONAL ROADWAY MATERIAL COVERING

DRAIN CONNECTION (2 TOTAL)

PRIMARY DIRECTION OF VEHICLE ATTACK

PROTECTION IN BOTH DIRECTIONS