CITY of NORTH LIBERTY
SUMP PUMP DISCHARGE LINE DETAIL

BURIED SUMP PUMP PIPING SHALL BE SOLID ADS DRAINAGE TILE, MIN 3" DIAMETER
EMBED PIPING IN CRUSHED ROCK OR SAND

PROPERTY OWNER IS RESPONSIBLE FOR PROTECTING SUMP PUMP DISCHARGE LINE FROM FREEZING
MINIMUM PIPE DEPTH BELOW FINISH GRADE SHALL BE 24"
MINIMUM PIPE SLOPE SHALL BE 1/8" PER FOOT

1 1/2" PVC DISCHARGE LINE

SUMP PUMP & PIT

FOOTING

FOOTING DRAINAGE TILE

AIR GAP

FANNEL

SIDEWALK

STREET CURB

INSTALL TAP TEE OR INSERTA TEE

SUMP PUMP DISCHARGE PIPING
SLOPE TO CONNECTION

FOUNDATION WALL

COLLECTION TILE

NO SCALE

1998
Revisions: 9/30/2013 10/14/2013
<table>
<thead>
<tr>
<th>PART #</th>
<th>PIPE SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>0350AA</td>
<td>3 in (75 mm)</td>
<td>6 &amp; 8 in (150 mm) (200 mm)</td>
<td>4.0 in (102 mm)</td>
<td>3.8 in (95 mm)</td>
<td>2.8 in (70 mm)</td>
<td>2.4 in (60 mm)</td>
</tr>
<tr>
<td>0450AA</td>
<td>4 in (100 mm)</td>
<td>6 &amp; 8 in (150 mm) (200 mm)</td>
<td>5.1 in (130 mm)</td>
<td>4.5 in (114 mm)</td>
<td>3.8 in (95 mm)</td>
<td>2.5 in (64 mm)</td>
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<tr>
<td>0410AA</td>
<td>4 in (100 mm)</td>
<td>10 &amp; 12 in (250 mm) (300 mm)</td>
<td>5.1 in (130 mm)</td>
<td>5.3 in (133 mm)</td>
<td>3.8 in (95 mm)</td>
<td>2.8 in (70 mm)</td>
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</tbody>
</table>

NOTE: ALL DIMENSIONS ARE NOMINAL.