DECK DETAILS
FOR A ONE OR TWO-FAMILY RESIDENTIAL STRUCTURE

BEAM
MATERIAL:
SIZE:
SPAN:

JOISTS
MATERIAL:
SIZE:
SPACING:

BOLTS (AT HOUSE)
MATERIAL:
SIZE:
SPACING:

DECKING
MATERIAL:
THICKNESS:

COLUMN
MATERIAL:
SIZE:

FOUNDATION
MATERIAL:
SIZE:

JOIST HANGERS
BRAND:
MODEL #:

COLUMN CONNECTOR
BRAND:
MODEL #:

EXISTING HOUSE

DECKING

BEAM
COLUMN
JOIST HANGERS
JOIST HANGERS
SPAN
FOUNDATION
FIN. GRADE
COLUMN CONNECTOR

4'-6" MIN.
HEIGHT ABOVE GRADE

3'-6" MIN. OR
MORE ABOVE GRADE
(IRC R316.1)

4'-6"
MAX.

4'-6"
MAX.

OTHER REQUIREMENTS:

<table>
<thead>
<tr>
<th>ITEM</th>
<th>IRC CODE REFERENCE</th>
<th>REQUIREMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>STAIR RISERS</td>
<td>R314.2</td>
<td>7.3/4&quot; MAXIMUM</td>
</tr>
<tr>
<td>STAIR TREADS</td>
<td>R314.2</td>
<td>10&quot; MINIMUM</td>
</tr>
<tr>
<td>STAIR WIDTH</td>
<td>R314.1</td>
<td>36&quot;</td>
</tr>
<tr>
<td>STAIR HEADROOM</td>
<td>R314.3</td>
<td>6'-8&quot; MINIMUM</td>
</tr>
<tr>
<td>HANDRAIL HEIGHT</td>
<td>R315.1</td>
<td>34&quot;-38&quot; ABOVE STAIR NOSINGS</td>
</tr>
<tr>
<td>HANDRAIL DETAILS</td>
<td>R315.1</td>
<td>ONE SIDE, WITH RETURNS</td>
</tr>
</tbody>
</table>