Porch Construction Drawings
(may be used in conjunction with site plan for permit submittal)

See Table A for allowable rafter size and spacing, allowable beam and post size, and allowable footing size.

<table>
<thead>
<tr>
<th>Porch Depth</th>
<th>Footing Size</th>
<th>Beam Size</th>
<th>Max Beam Span</th>
<th>Rafter Size</th>
<th>Post</th>
</tr>
</thead>
<tbody>
<tr>
<td>10ft</td>
<td>18” sq x 1’ D</td>
<td>4x8</td>
<td>10ft</td>
<td>2x6 @ 24” o.c. 4x4</td>
<td></td>
</tr>
<tr>
<td>12ft</td>
<td>2” sq x 1’D</td>
<td>4x8</td>
<td>10ft</td>
<td>2x8 @ 24” o.c. 4x6</td>
<td></td>
</tr>
</tbody>
</table>

1. All construction shall comply with International Residential Code
2. All wood to be #2 Douglas fir or better

Porch Framing Plan
Porch Section

1. All construction shall comply with 2006 IRC
2. All concrete shall be a minimum of 2500 psi
3. All wood to be #2 Douglas fir or better
4. Framing based on 30 lbs load
5. Minimum ceiling height 7', 6' 6" to beam
6. Max post height shall be 10' from finished grade. (Or provide engineering)

- For wood framed walls, metal weep screed shall be installed a min 4" above the soil and a min of 2" above paved surfaces.
- Min 3 1/2" concrete slab with min 1/8"/ft slope
- Min (2) #4 horizontal reinforcement each way, 3" clear from footing bottom and edge
- Bottom of footing shall be a minimum of 12" into undisturbed soil

- Finished grade shall slope away from footing
- Porch column detail
- Footing size
- Min 3 1/2" concrete slab with min 1/8"/ft slope
- Min (2) #4 horizontal reinforcement each way, 3" clear from footing bottom and edge
- Bottom of footing shall be a minimum of 12" into undisturbed soil

- Roof covering
- Roof decking
- Metal drip edge
- Facia size
- Simpson H2.5 or equal at each rafter
- Beam size
- Rafter size and spacing
- Ceiling material
- Remove existing overhang
- Metal flashing
- Existing roof system
- Ledger/rafter connection detail
- Post size

Existing wall system
Note:

1. All construction shall comply with International Residential Code
2. All wood to be #2 Douglas Fir or better
3. Framing based on a 30 lbs load
4. Minimum Ceiling height shall be 7ft

Detail A: Porch roof attachment to top of existing wall
(Not to Scale)
Note:

1. All construction shall comply with International Residential Code
2. Wood to wood connection required at ledger to stud attachment
3. All wood to be #2 Douglas Fir or better
4. Framing based on a 30 lbs load
5. Minimum ceiling height shall be 7 ft.

Detail B: Wood Ledger Attachment to Wood Framing
(Not to Scale)
Table A:

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</tr>
</tbody>
</table>

1. All construction shall comply with International Residential Code
2. Metal weep screed shall be installed a min. 4” above the earth and a min of 2” above paved surfaces
3. Finish grade shall slope away from footing and be a min 6” from sill plate
4. All concrete shall be minimum 2500 psi
5. All wood to be Douglas Fir #2 or better
6. Framing based on a 30 lbs load
7. Minimum ceiling height 7 ft, 6ft-6inch to beam
8. Max height of column shall be 10’ from finish grade. (Or provide engineering)

Detail C: Wood Framed Porch Column
(Not to Scale)
Note:

1. All construction shall comply with the International Residential Code
2. Bottom of footing shall be a minimum of 12” below undisturbed soil
3. All concrete shall be a minimum 2500 psi
4. Grout shall be concrete or Type M or S mortar
5. Max height of column shall be 10; from finished grade. (Or provide engineering)

Standard Detail D: 16” x 16” Masonry Column