### Clark County Building Safety Division

**Typical 48" Braced Wall Panel 602.10.2**

- Nail roof sheathing to bird blocks w/8d @ 6" oc at braced panel
- Overlapped top plates at intersecting walls
- 2x-studs @ 1 1/2" oc max with structural sheathing see table below for thickness
- See table below for edge and field nailing pattern
- Nail min. 2x sill plate with 1 6d @ 6" oc
- 1 1/8" subfloor
- Pressure treated 2x plate—Foundation Anchorage R403.1.6
  - 1/2" dia. x 10" anchor bolt extended 7" min. @ 6'-0" o.c. w/ 3"x3"x3/4" plate washers-R602.11.1
- Double top plate w/ min. 24" lap at splice R602.3.2

### NOTES
1. All vertical panel joints shall occur over, and be fastened to common studs R602.10.10
2. All horizontal joints shall occur over, and be fastened to common blocking of minimum 1 1/2" nominal thickness.
3. See R602.10.2.2.1 for braced wall panels locations.
4. Panel method see table below.
5. For masonry stem wall see R602.10.9 #3.
6. Clark County is in Seismic Design D1.

---

### Bracing Wall Methods

<table>
<thead>
<tr>
<th>Methods, Material</th>
<th>Min. thickness sheathing</th>
<th>Fastners</th>
<th>Spacing</th>
<th>Hold downs force</th>
</tr>
</thead>
<tbody>
<tr>
<td>WSP wood structural panel</td>
<td>0'-0 3/8&quot;</td>
<td>Ext. 6d common</td>
<td>6&quot; edges, 12&quot; field</td>
<td></td>
</tr>
<tr>
<td>GB Gypsum board Interior &amp; exterior</td>
<td>0'-0 1/2&quot;</td>
<td>1 1/2&quot; galvanized roofing nail; staple galvanized</td>
<td>7&quot; edges, 7&quot; field</td>
<td></td>
</tr>
<tr>
<td>ABW Alternate braced wall panel min. 2'-8&quot;</td>
<td>0'-0 3/8&quot;</td>
<td>One story 8d</td>
<td>6&quot; edges, 12&quot; field</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>First of two stories 8d common</td>
<td>4&quot; edges, 12&quot; field</td>
<td></td>
</tr>
<tr>
<td>PFH portal frame with hold-downs</td>
<td>0'-0 3/8&quot;</td>
<td>8d common or galvanized</td>
<td>3&quot; in all framing (studs, blocking and sills) typ.</td>
<td></td>
</tr>
<tr>
<td>CS-WSP/CS-G cont. sheathed wd. struct. panel/adj. to garage openings</td>
<td>0'-0 3/8&quot;</td>
<td>Ext. 6d common</td>
<td>6&quot; edges, 12&quot; field</td>
<td></td>
</tr>
<tr>
<td>CS-PF Continuously sheathed portal frame</td>
<td>0'-0 7/16&quot;</td>
<td>8d common or galvanized</td>
<td>3&quot; in all framing (studs, blocking and sills) typ.</td>
<td></td>
</tr>
</tbody>
</table>

---

Typical 48" Braced Wall Panel  

DWG BY mlm 8-29-17  

BWP-48