**Bin Size Specifications:**

<table>
<thead>
<tr>
<th>Nominal Bin Diameter</th>
<th>10'</th>
<th>15'</th>
<th>20'</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of 5/16&quot; plywood sheets required</td>
<td>6 pcs.</td>
<td>12 pcs.</td>
<td>16 pcs.</td>
</tr>
<tr>
<td>Bin diameter at joint line (mm)</td>
<td>102-137</td>
<td>151-177</td>
<td>191-267</td>
</tr>
<tr>
<td>Capacity of bin (level full)</td>
<td>31.2 tons</td>
<td>45.3 tons</td>
<td>18.7 tons</td>
</tr>
</tbody>
</table>

**General Specifications:**

1. Plywood:
   - Use 'sheathing' grade exterior fir plywood. Selected grades offer no structural advantage in this application.

2. Assembly of Bins:
   - Field assembled by lightly nailing west strip to one edge of each plywood sheet. Overlap edge of second sheet 3" and drive 1 1/2" large head galvanized roofing nails thru joint and into nailing strip as indicated on nailing schedule.
   - Seal all exposed nailing with silicone paint or varnish.

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**Typical lay out, see sheet 3 for nailing details**

**Bin elevation at access door**

- 2" x 6" nailing strips, 1 at each joint
- 5/16" 'sheathing' grade exterior fir plywood bin walls
- 3/4" 'sheathing' grade exterior fir plywood access door panels
- 3/4" diameter x 3/4" threaded steel rod, bright plated and oiled
- Floor anchor, see 2A.2
- See back plywood for access door
- Bin diameter at joint line
- 1 1/2" x 1 1/2" x 5/8" steel angle, both sides of access door
- Capacities calculated assuming a fertilizer density of 65 Ib/cu ft

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**Canada Plan Service**

DESIGNER: J.D.

DATE: JULY 11

PLAN 4 ELEVATION