Patio Construction Checklist

All patio construction activities require a permit from the Village. This includes new patios, expansion of existing patios and patio reconstructions.

Submittal Requirements

Existing Conditions:
- Current Plat of Survey depicting existing conditions on site
- Impervious surface runoff coefficient (c-value) calculations

Proposed Conditions:
- Proposed layout plan, drawn to scale, depicting the proposed conditions on the site
  - Plan must include dimensions of proposed patio
  - If patio is raised above grade, railings will be required by Code as follows:
    - 8 inches or less: none
    - 8 inches to 30 inches: 36 inch guardrail
    - > 30 inches: 42 inch guardrail
- Impervious surface runoff coefficient (c-value) calculations

Hardscape Restrictions

Total hardscape area on a parcel is limited by the Village Code of Ordinances, subsection 9-83. If the proposed condition C-Value exceeds the limiting C-Value, stormwater detention will need to be provided.

### Limiting C-Values

<table>
<thead>
<tr>
<th>Parcel Area (sq.ft.)</th>
<th>Limiting C-Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>≤ 10,000</td>
<td>0.67</td>
</tr>
<tr>
<td>10,000 - 20,000</td>
<td>0.65</td>
</tr>
<tr>
<td>&gt; 20,000</td>
<td>0.62</td>
</tr>
</tbody>
</table>
### C-Value Calculations Worksheet

#### Existing Conditions

<table>
<thead>
<tr>
<th>Area Type</th>
<th>Area (sq.ft.)</th>
<th>Coefficient</th>
<th>Weighted Area (sq.ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impervious</td>
<td></td>
<td>0.95</td>
<td></td>
</tr>
<tr>
<td>Semi-Impervious</td>
<td></td>
<td>0.70</td>
<td></td>
</tr>
<tr>
<td>Pervious</td>
<td></td>
<td>0.50</td>
<td></td>
</tr>
</tbody>
</table>

Total Parcel Area

\[
\text{Total Parcel Area} = (\text{Box 1} + \text{Box 2} + \text{Box 3})
\]

Total Weighted

\[
\text{Total Weighted} = \text{Box 7}
\]

Composite C Value

\[
\text{Composite C Value} = \text{Box 9}
\]

#### Proposed Conditions

<table>
<thead>
<tr>
<th>Area Type</th>
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Total Weighted

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\text{Total Weighted} = \text{Box 7}
\]

Composite C Value

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\text{Composite C Value} = \text{Box 9}
\]
Inspection Requirements

Patio construction requires two inspections, conducted by the Engineering Division of the Public Works Department.

1. **Base Inspection** – to be scheduled when the framing and/or base of proposed layout is complete.
2. **Final Inspection** – to be scheduled when all work on site is complete.

Additional Notes

- Access to the site must be maintained through existing driveways. Any other access route must be reviewed and approved by Village.
- If any public sidewalk is damaged as a result of construction or access to the site, it will need to be replaced at the expense of the contractor.