## TREE PROTECTION GUIDELINES



Urban trees are a valuable asset that provide important ecosystem services in addition to other community benefits. Urban trees regulate temperature, improve air quality, absorb greenhouse gasses and reduce harmful pollution and erosion associated with stormwater runoff while adding value to property. In the District of North Vancouver certain trees are protected by regulation and other healthy trees are designated to be retained during development or redevelopment. To provide the best protection during construction, protected and retained trees must be fenced according to the guidelines below.

## **GUIDELINES**

- Trees with a trunk diameter 10cm or greater must be protected by minimum standard wood framed snow fencing (Figure 1) with a DNV Tree Protection Sign attached (Figure 3).
- The size of the enclosure is dictated by the size of the trunk diameter and can be seen in Table 1.
- Fence specifications for high value protected trees can be seen in Figure 2.
- Building materials can not be stored within or against fence.
- Fencing to be maintained in good order throughout the construction phase and not altered unless approved by the District.

Figure 1:

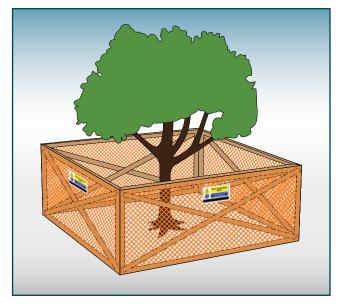






Table 1:

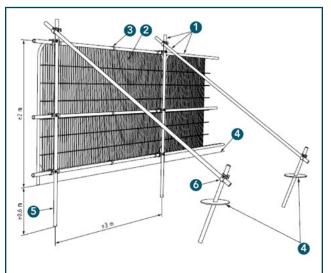
| Trunk Diameter |    |     | Min. Distance from |
|----------------|----|-----|--------------------|
| cm             | in | ft  | Trunk (m)          |
| 20             | 8  | 0.6 | 2.0                |
| 25             | 10 | 0.8 | 2.5                |
| 30             | 12 | 1.0 | 3.0                |
| 35             | 14 | 1.2 | 3.5                |
| 40             | 16 | 1.3 | 4.0                |
| 45             | 18 | 1.5 | 4.5                |
| 50             | 20 | 1.7 | 5.0                |
| 55             | 22 | 1.8 | 5.5                |
| 60             | 24 | 2.0 | 6.0                |
| 75             | 30 | 2.5 | 7.5                |
| 90             | 36 | 3.0 | 9.0                |
| 100            | 40 | 3.3 | 10.0               |

**Note:** Project arborist must provide rationale if the minimum 6x diameter calculation is prescribed

Figure 3:



Figure 2:



- 1. Standard scaffold pole
- 2. Heavy gauge 2m tall galvanized tub and welded mesh infill panels
- **3.** Panels secured to uprights and crossmembers with wire ties
- 4. Ground level
- **5.** Uprights driven into the ground until secure (minimum depth 0.6m)
- 6. Standard scaffold clamps
- **7.** Fix DNV Tree Protection display sign to fence (Figure 3)