

# Tree Protection Checklist

## Site Plan

- Shows the locations of all City trees located within 5m of the work site
- Shows the locations of all natural stands located within 10m of the work site
- Shows property lines
- Shows location of proposed temporary access point

## Tree Size

Use the following table to determine the minimum tree protection barrier distance for each City tree within 5m of the construction site.

- Fencing to be located on City Property and not maintain pedestrian access to the sidewalk.

TREE PROTECTION ZONE CALCULATION TABLE		
TRUNK DIAMETER (DBH)	TRUNK CIRCUMFERENCE	MIN. PROTECTION DISTANCE
< 10cm	< 31cm	1.2 METERS
11 - 30cm	34- 94cm	1.8 METERS
31 - 40cm	97 - 125cm	2.4 METERS
41 - 50cm	129 - 157cm	3.0 METERS
51 - 60cm	160 - 189cm	3.6 METERS
61 - 70cm	192 - 220cm	4.2 METERS
71 - 80cm	233 - 251cm	4.8 METERS
> 80cm	> 251cm	5.0 METERS

\*Min protection distance is measured from the outside edge of tree trunk from each side

\*DBH = Diameter at breast height measured 1.2m above ground.

### Tree A

- Diameter of tree trunk at 1.2m above ground: \_\_\_\_\_cm
- Diameter spread of canopy - tip to tip: \_\_\_\_\_meters
- Minimum protection distance (as per above chart): \_\_\_\_\_meters
- Tree protection barrier dimensions: \_\_\_\_ (L) x \_\_\_\_ (W)

### Tree B (if applicable)

- Diameter of tree trunk at 1.2m above ground: \_\_\_\_\_cm
- Diameter spread of canopy - tip to tip: \_\_\_\_\_meters

- Minimum protection distance (as per above chart): \_\_\_\_\_ meters
- Tree protection barrier dimensions: \_\_\_\_ (L) x \_\_\_\_ (W)

Tree C (if applicable)

- Diameter of tree trunk at 1.2m above ground: \_\_\_\_\_ cm
- Diameter spread of canopy - tip to tip: \_\_\_\_\_ meters
- Minimum protection distance (as per above chart): \_\_\_\_\_ meters
- Tree protection barrier dimensions: \_\_\_\_ (L) x \_\_\_\_ (W)

Tree D (if applicable)

- Diameter of tree trunk at 1.2m above ground: \_\_\_\_\_ cm
- Diameter spread of canopy - tip to tip: \_\_\_\_\_ meters
- Minimum protection distance (as per above chart): \_\_\_\_\_ meters
- Tree protection barrier dimensions: \_\_\_\_ (L) x \_\_\_\_ (W)

**Temporary Access**

Anti-Compaction Method (select one)

- Min 1/2" plywood board(s) with 5-8" of mulch on top  
\*\*only acceptable if crossing is located outside the min tree protection zone (TPZ) \*\*

- Rig Mat(s) or Access Mat(s)

- Other (specify): \_\_\_\_\_

\*\*\*must be approved by City of Edmonton Forestry\*\*

- Width of proposed temporary access: \_\_\_\_\_ meters

**Signage**

- Tree Protection Signage on line ['Protect Tree Poster'](#) and must be posted.

**Timeline**

- Length of proposed construction is \_\_\_\_\_ months

- Proposed start of work \_\_\_\_\_

Online information: [Edmonton Trees and Construction](#)

**FOR USE BY CITY OF EDMONTON**

- Tree Protection Permit : # \_\_\_\_\_

- Approved by : \_\_\_\_\_ Date: \_\_\_\_\_