



DRIP LINE; THE WIDTH OF THE TREE CROWN AT ITS WIDEST BRANCHING, 360 DEGREES AROUND THE TREE

TREE PROTECTION FENCE TO BE 1200mm HEIGHT, HEAVY-DUTY / WIRED ORANGE PLASTIC WEB SNOW FENCING, OR APPROVED EQUIVALENT. PROTECTIVE FENCING FOR INDIVIDUAL TREES SHALL BE POSITIONED IN ACCORDANCE WITH DISTANCES IDENTIFIED IN TABLE 1: TREE PROTECTION ZONES. APPROVED SIGNAGE SHALL BE PROVIDED EVERY 15m OF FENCE LENGTH.

EXISTING GRADE TO BE MAINTAINED AT FULL LIMITS OF PROTECTIVE FENCING

(50mm X 50mm X 6mm) STEEL T-BARS, 2400mm LENGTH, SPACED 1200mm APART MAXIMUM ON CENTRE AND TO AVOID VISIBLE SURFACE ROOTS. T-BARS SECURED TO APPROVED TREE PROTECTION FENCE WITH #10 GALVANIZED WIRE AT THREE EVENLY SPACED LOCATIONS ALONG LENGTH OF T-BAR. T-BARS TO BE INSTALLED AT MINIMUM 1200mm DEPTH BELOW GRADE, TYPICAL ENTIRE LENGTH OF PROTECTIVE FENCING.

PROTECTIVE FENCING FOR WOOD LOTS OR GROUPS OF TREES TO BE POSITIONED AT A MINIMUM DISTANCE OF 1000mm BEYOND THE DRIP LINE OF EACH WOOD LOT OR GROUP OF TREES TO BE PRESERVED, OR AS DIRECTED BY THE CONSULTING ARBORIST.

TABLE 1: TREE PRESERVATION ZONE

DBH (Diameter at Breast Height) Trunk Diameter (cm)	Minimum Protection Zone (TPZ) Distance Required (m)
less than 10	1.2
10 - 29	1.8
30 - 40	2.4
41 - 50	3.0
51 - 60	3.6
61 - 70	4.2
71 - 80	4.8
81 - 90	5.4
91 - 100	6.0
> 100	6cm / 1cm dia.

* measurement of DBH taken at 1.4m above grade
* TPZ distances measured from outside edge of trunk flare

NOTES:

1. ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE NOTED
2. ALL PROTECTIVE FENCING TO BE LOCATED AS DIRECTED BY I.S.A CERTIFIED ARBORIST
3. TPZ FENCING SHALL NOT BE ATTACHED TO TREES
4. ALL TREE PROTECTION SHALL BE IN PLACE AND MUST BE INSPECTED AND APPROVED BY THE TOWN PRIOR TO ANY CONSTRUCTION ACTIVITIES, AND REMAIN IN PLACE UNTIL ALL CONSTRUCTION ACTIVITIES HAVE CONCLUDED, OR AS DIRECTED BY THE CONSULTING ARBORIST
5. NO CONSTRUCTION ACTIVITY, MATERIAL STORAGE, GRADE CHANGES, SURFACE TREATMENT OR EXCAVATIONS OF ANY KIND IS PERMITTED WITHIN THE TREE PROTECTION ZONE
6. REFER TO TREE INVENTORY & PRESERVATION PLAN FOR REQUIRED FENCING TYPE
7. REFER TO TOWN OF WHITBY STANDARD #702 FOR GENERAL TREE PROTECTION NOTES

THE CORPORATION OF THE TOWN OF WHITBY

PLANNING & DEVELOPMENT DEPARTMENT

CHECKED	<i>[Signature]</i>
APPROVED	<i>[Signature]</i>
SCALE:	N.T.S

LIGHT DUTY TREE PRESERVATION FENCE

DWG. DATE:	JANUARY 2021
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