

Re: tree consultation

From Tim Lecuire <tlecuivre@town.arlington.ma.us>

Date Thu 1/8/2026 2:31 PM

To Dina Brawer <dinabrawer@hotmail.com>

Cc ZBA <ZBA@town.arlington.ma.us>

Hello Dina,

This is the formula digging around trees.

Measure Diameter at Breast Hight (DBH). Measure 4.5 feet from ground, at this height measure the circumference and divide by Pi 3.14 This gives (DBH)

For every (DBH) inch a tree needs 10 inches of root. Multiply (DBH) by 10, then divide by 2, this gives the root ball. Divide by 12 this will provide feet.

Example

24 (DBH) inch tree,

$24 \times 10 = 240$

$240 \text{ divide by } 2 = 120$

$120 \text{ divide by } 12 = 10$

Therefore a 24 (DBH) inch tree, must stay away 10 feet from the root flare/trunk.

I hope this information is helpful.

Best,

Timothy A. Lecuire MCA, MQTW
Arlington Tree Warden
Department of Public Works
51 Grove Street
Arlington, MA 02476
Tlecuivre@town.arlington.ma.us

From: Dina Brawer <dinabrawer@hotmail.com>

Sent: Thursday, January 8, 2026 2:06 PM

To: Tim Lecuire <tlecuivre@town.arlington.ma.us>

Cc: ZBA <ZBA@town.arlington.ma.us>

Subject: Re: tree consultation

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Hi Tim,