







ALLEY 431

BRICKWALL

Landing for Trash
Barrelst RC

Stairs down
8 Steps

ROOTS

2' 4"

ailanthus tree

ailanthus tree

8' 6"

existing bed

13' 6"

Birch

resting on wall

Cabana that houses
A/C Units (existing)

existing bed

drain

ROOTS

ROOTS

Hereford St.

existing planter

BUILDING FOUNDATION

Door Door

Door

ALLEY 431

BRICK WALL

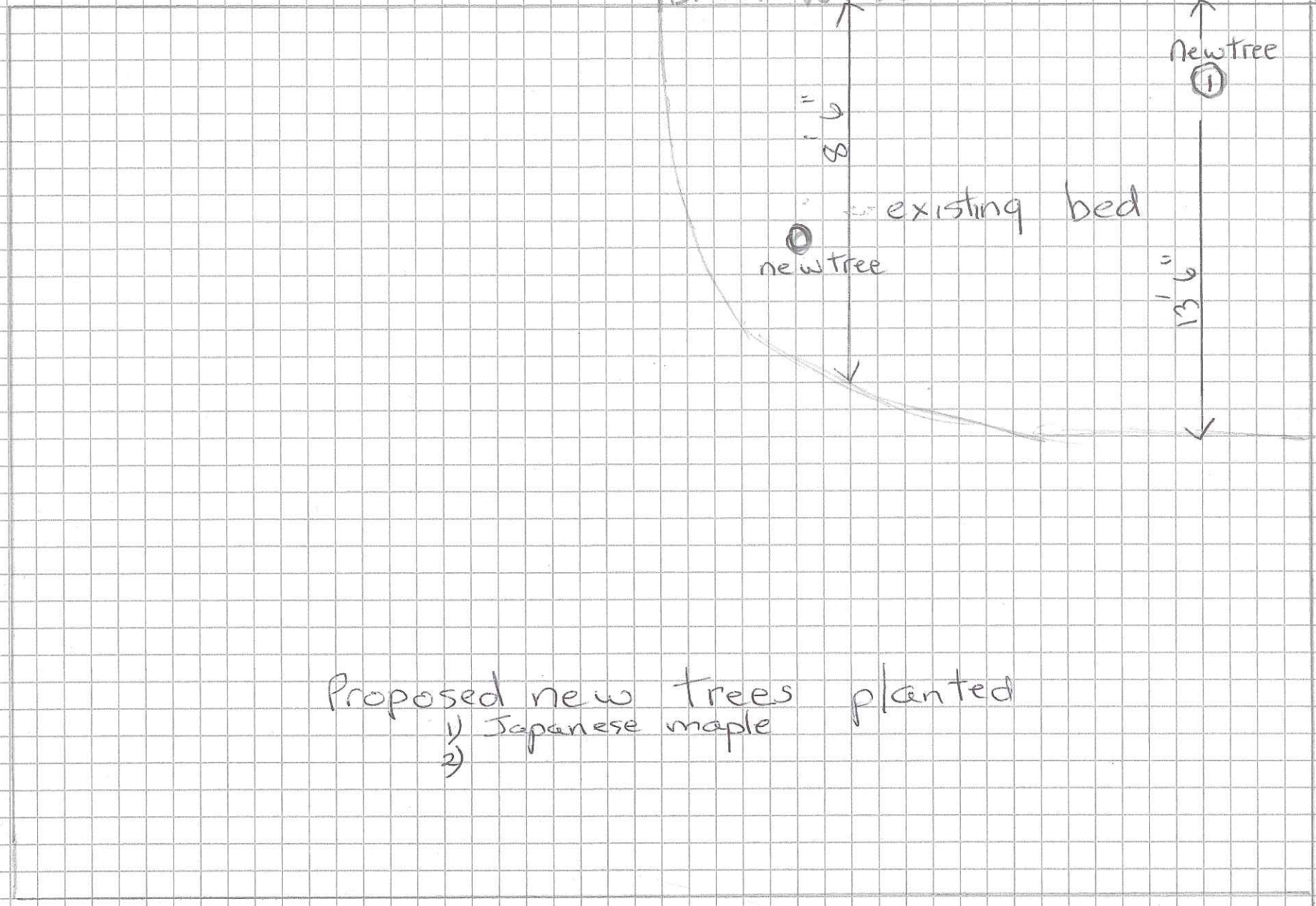
New tree
①

existing bed
new tree

13'6"

Hereford Street

Proposed new trees planted
1) Japanese maple
2)



Specialized Rigging and Tree Care

PO Box 304 Hingham, MA 02043

617-325-7756

specializedtree.com

To Whom It May Concern,

The two large ailanthus (*ailanthus altissima*) and one gray birch (*betula populifolia*) located inside the wall surrounding patio area at 40 Hereford Street in Boston are structurally unsound as evidenced by multiple stress cracks throughout structure of trees, most likely due to heavy leaning crowns and the effect of wind force. These trees are potentially hazardous as no amount of pruning would restore their viability and stability. Additionally, the root zone is interfering with brick wall and completely smothered by masonry and asphalt. Most likely there is rot in the lower root flare as well due to this compacted and limited growing area. The trees lean significantly towards Hereford Street and are a threat to pedestrians and cars. Please feel free to contact me if you have any questions.

Sincerely,

George J. Malouf, Jr.
Certified Arborist
ISA Certification # NE-6394A

ROOME & GUARRACINO, LLC

Consulting Structural Engineers

48 Grove Street
Tel: 617.628.1700

Somerville, MA 02144
Fax: 617.628.1711

July 25, 2018

Mr. John Ciano
40 Hereford Street, Unit 2
Boston, MA

Reference: 40 Hereford Street
Boston, MA

Subject: July 24th, 2018 Structural Review of Rear Yard and Tree Roots

Dear Mr. Ciano:

This letter confirms my visit to the above referenced address per your request to review the existing structural conditions of the rear masonry stairs and exposed roots from a large tree adjacent to the privacy wall near the alley. I understand that you are concerned about the damage to the stairs from the tree growth and roots and possible future damage to the existing building foundations and masonry privacy wall.

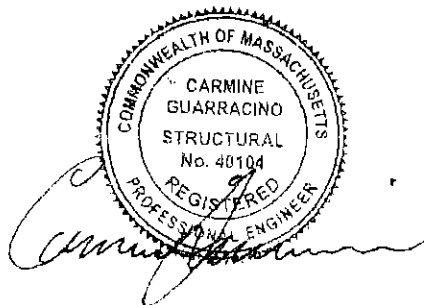
I proceeded into the rear yard and noted several trees in the back near a masonry wall. I also noted that the roots had been exposed per your direction to show the extent of the root growth. I also noted the roots adjacent to the rear masonry stairway and visible cracking and displacement of the stair is evident. I reviewed the masonry privacy wall immediately adjacent to the trees and noted no indication of damage to the wall. No visible indication of damage was noted to the building foundations either.

After reviewing the above noted conditions, it is apparent to me that the damage viewed to the stairs is directly related to the root growth from the tree. I have examined many buildings in the Back Bay, Beacon Hill and South End and have viewed trees damaging the actual building foundations, such that the foundation walls had pushed inward into the basements and caused extensive damage.

I am not an arborist and by no means an expert on trees, but it is my professional opinion that the tree root growth could potentially cause damage to the rear privacy wall and the existing building foundations.

Should you have any questions or require further assistance, please feel free to call me.

Very Truly Yours,
ROOME & GUARRACINO, LLC



Carmine Guarracino, P.E.
Partner













