

NT2OS Cherry- Excavation to PL.

- 1x 3cm root.
- Low Impact.

NT1OS Plum- Excavation to PL

- 1x 9cm root with significant decay and girdling 10cm from PL. 9cm root tapers to 3cm.
- 1x 3cm root 10cm from PL branched to <2cm roots.
- Root pruning to PL is anticipated to impact <20% of the critical root zone.
- Low Impact. Risk Rating Unchanged.
- Rooting area on the western property where the tree is located appears to be maintained with top dressed soils and irrigated. Majority of the root system is anticipated to be located there.
- Note: Tree is of very poor structure with vast epicormic growth, multiple large pruning wounds, and multiple sections of decay with cavities in the stem and scaffold limbs. Tree structure will continue to decline. Long term viability of retention low.
- Recommend removal of this tree (permission required from owner).

NT7OS Hazelnut (2 trees)-

- No Significant Roots Encountered (<2cm).

Alternate Retaining Design to Reduce Tree Impacts:

Figure 1- Plum & Holly Tree – Plan Diagram

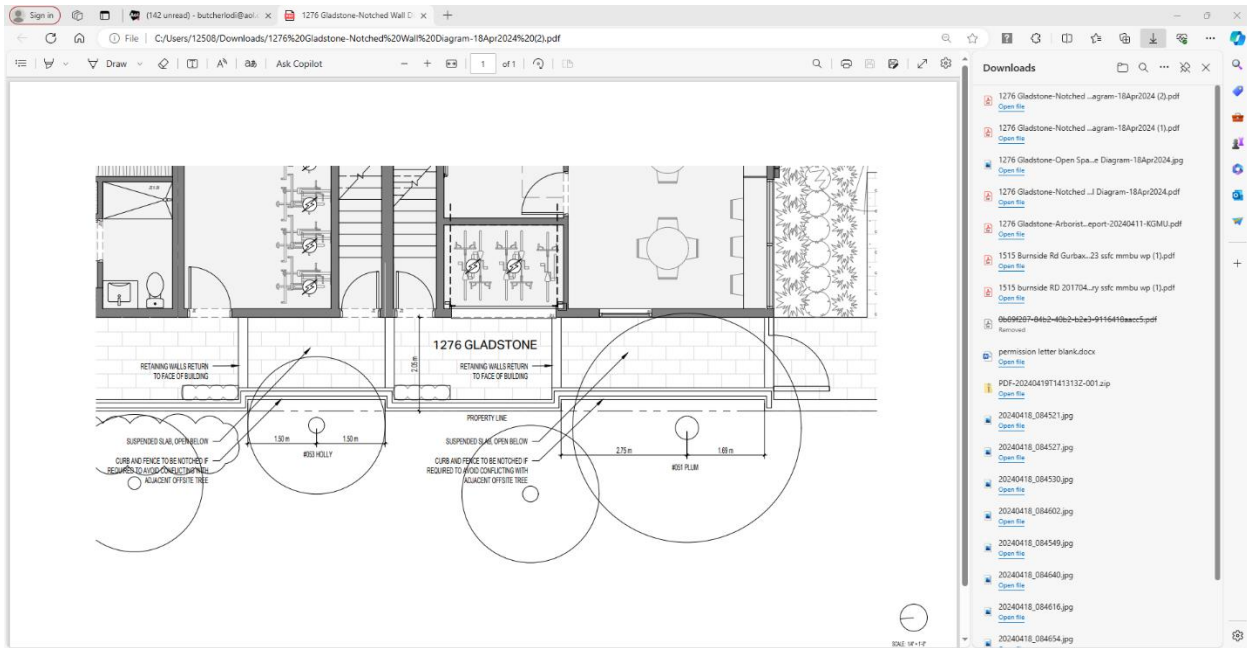
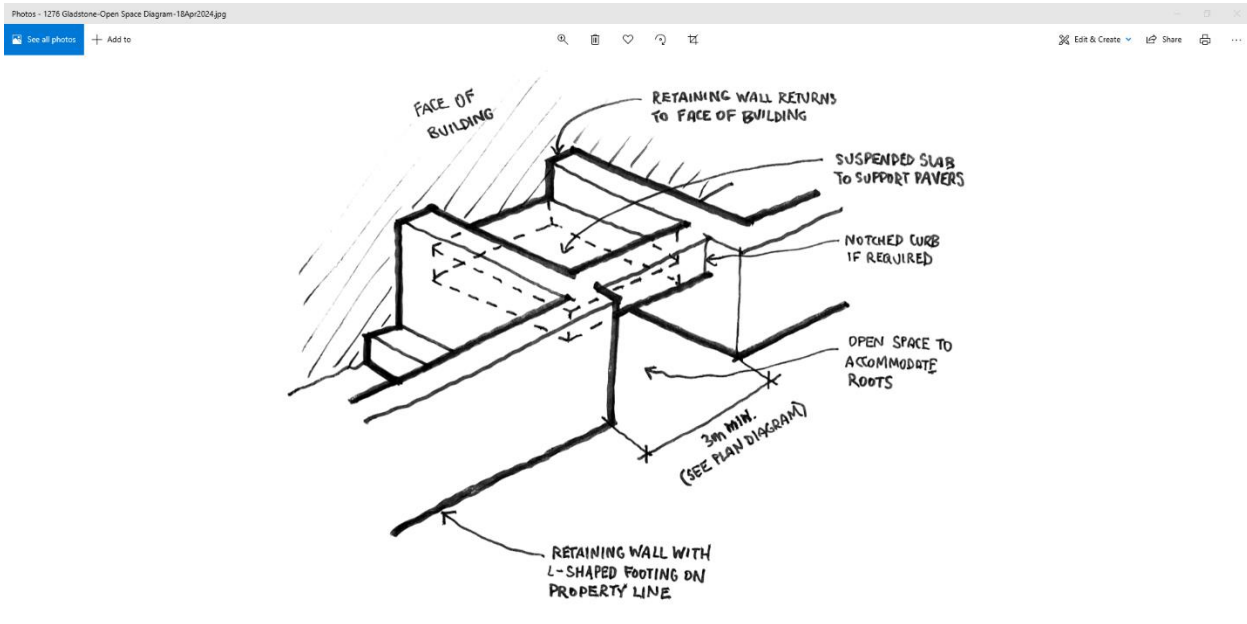


Figure #2 – Open Space Design – Open Area to Support Root Formations

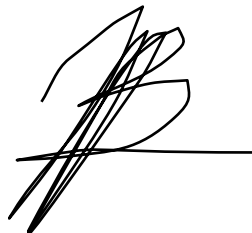


- The redesigned footings with the notched design will allow for greater root development while reducing impacts to each tree's basal stem area.
- The Project Arborist will assist and monitor the installation of the root support vaults for trees #051 plum & #053 holly.
- Each tree's CRZ (#051 & #053) will be protected and preserved during the demolition and preliminary development phases of the project.
- Trees #521 & #522 Hazels were found to have no significant root exposure during the exploratory excavation. Standard tree protection measures will be utilized to protect and preserve each tree during the duration of the project. The Project Arborist shall assist with directing landscape plantings and improvements to this area of the site.

Tree Replacement

The client will be responsible for an additional cash in lieu replacement of two (2) trees due to the proposed tree replacement sizes within the site.

MMBU - April 11, 2023 - 8:25am

A handwritten signature in black ink, consisting of a large, stylized 'B' with a horizontal line extending to the right from its base.