AREAS OF HARD SURFACING:
All proposed hard surfacing areas covering RPAs are to be installed using a Cellular Confinement System as a stable base that is to be installed above existing ground level using a "No-dig" installation method as per the manufacturers guidelines.
The surface layer is to be permeable.

GROUND PROTECTION:
Ground Protection to be installed as part of initial site set up and to remain in situ until the Garden House build has been completed.
Once the Garden House is complete, the ground protection where CCS is to be installed may be removed to allow installation of the CCS (Hard surfacing).

TREE PROTECTION FENCING
Tree Protection Fencing to be installed as part of initial site set up and to remain in situ for the duration of the project.

SPOIL PILES:
The spoil piles are to be carefully removed from the site and the original ground level reinstated.
To be carried out under Arboricultural supervision.

GARDEN HOUSE:
Proposed Garden House is to be built on a Low invasive support system. The structure will be supported by a series of 76mm diameter ground screws.
The Ground Screws will be driven into the ground by hand tools. 20mm Pilot hole using a masonry a bit will be dug in locations to determine present of large diameter roots.
Locations of ground screws to move is significant roots encountered.

NT2-(B2 B3)
Norway Maple

NT1-(B1 B2)
Common Lime

T3-(C1 C2)
Silver Birch

T6-(C1 C2)
Silver Birch

T4-(U)
Kanzan Cherry

T5-(B1 B2)
Silver Birch

NG7-(C2 C3)
Leyland Cypress

NT14-(C1 C2)
Chinese Privet

NT13-(C1 C2)
Cherry Plum

T12-(U)
Cherry Laurel

NT8-(C1 C2)
Norway Spruce

T9-(U)
Goat Willow

NT11-(B3)
Crack Willow

T10-(U)
Cherry Laurel

CEZ

Proposed Garden House

spoil piles

Existing Basement

Attenuation Tank Installation

Close Board Fence Ht 1.8m

Close Board Fence Ht 2.0m

Concrete Retaining Wall

Concrete Ramp

Lightwell: See Lower Ground Floor Plan

Dense Undergrowth & Stored Materials

Concrete & Stored Materials

Ceiling Under Construction

C341 Ceiling Under Construction

U/S Staircase

Close Roof Slope Up

Brick Pier

Notes:

BS5837 Tree Retention Categories and key

CATEGORY A	Trees of a high quality with an estimated remaining life expectancy of at least 40 years
CATEGORY B	Trees of a moderate quality with an estimated remaining life expectancy of at least 20 years.
CATEGORY C	Trees of a low quality with an estimated remaining life expectancy of at least 10 years
CATEGORY U	Tree of poor condition that cannot be realistically retained as living trees in the context of the current land use for longer than 10 years
ROOT PROTECION AREA	T### TREES / GROUPS TO REMOVE
TREE PROTECTION FENCING	GROUND PROTECTION
CONSTRUCTION EXCLUSION ZONE	LOW INVASIVE FOUNDATION
	CELLULAR CONFINEMENT SYSTEM AS FOUNDATION

~Warning sign below to be attached to all Tree protective fencing once erected~

TREE PROTECTION AREA

TREES ENCLOSED BY THIS FENCE ARE PROTECTED BY PLANNING CONDITIONS AND ARE SUBJECTS OF A TREE PRESERVATION ORDER (TOWN & COUNTRY PLANNING ACT 1990)

CONTRAVENTION OF TREE PRESERVATION ORDERS MAY LEAD TO **CRIMINAL PROSECUTION**

THE FOLLOWING **MUST** BE OBSERVED BY ALL PERSONS:-

- THE PROTECTIVE FENCING MUST NOT BE REMOVED
- NO PERSON SHALL ENTER THE PROTECTED AREA
- NO MACHINE OR PLANT SHALL ENTER THE PROTECTED AREA
- NO MATERIALS SHALL BE STORED IN THE PROTECTED AREA
- NO SPOIL SHALL BE DEPOSITED IN THE PROTECTED AREA
- NO EXCAVATION SHALL OCCUR IN THE PROTECTED AREA

ANY INCURSION INTO THE PROTECTED AREA MUST BE WITH THE WRITTEN PERMISSON OF THE LOCAL PLANNING AUTHORITY

KEEP OUT!

General Site precautions

The following points will be observed at all times:

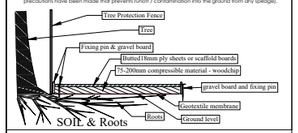
- No mechanical digging or scraping is allowed within defined RPAs.
- No fires to be lit on site.
- No access permitted inside the CEZ or TPF.
- No materials, equipment or debris to be stored within the CEZ or RPAs of retained trees.
- Notice boards, telephone cables or other services will not be attached to retained trees.
- Materials that may contaminate the soil (cement mixer, fuel, vehicle washings) will not be permitted to operate or allow run off into the RPAs of retained trees or soils.
- Site operations will avoid damage to the aerial part of the tree.

TREE PROTECTION FENCING (TPF)

Secondary Specification - Protective fencing shall consist of a heras fencing framework in accordance with figure 3 of British Standard 5837 (2012); comprising 2m tall welded mesh (heras fencing) panels on rubber or concrete feet. The weldmesh panels shall be securely fixed and joined together using a minimum of two anti-tamper couplers, installed so that they can only be removed from inside the fence. The distance between the fence couplers shall be at least 1m and shall be uniform throughout the fence. The panels shall be supported on the inner side by stabilizer struts, attached to a base plate secured with ground pins

GROUND PROTECTION

For pedestrian and vehicle weights up to 2000Kg/m² or for the RPA the installation of ground protection shall be in the form of a single thickness of scaffold boards placed on top of a compressible layer of woodchip (100 - 200mm deep) laid onto a geotextile, or supported by scaffold. For heavier traffic a proprietary system such as GreenTek Ground Guards (heavy duty plastic ground protection mats clipped together) laid above 150mm deep layer of compressible woodchip. Or pre-cast reinforced concrete slabs. No storage or mixing of potentially hazadous materials within these areas; such as diesel fuelling or cement mixing (unless specific precautions have been made that prevents runoff / contamination into the ground from any spillage).



Title: Tree Protection Plan (AIA)

Site: 64 Sheldon Avenue, London, Haringey, N6 4ND

Client: Ben and Naama Fischman

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