

**39 Fitzjohns Avenue , NW3 5JY**

**Tree Survey. April 2018**

Godfrey London have commissioned CH & MRP Architects to draw up plans to carry out a major refurbishment of no 39 into residential apartments. The proposal includes the construction of a basement and new landscaping.

Please refer to the site layout plan 3169-50

In the absence of adopted local supplementary planning guidance specific to trees British Standard 5837 (2012)

“Trees in relation to design, demolition and construction – recommendations” is used as the bench mark for submissions to the Local Planning Authority, the LB of Camden.

**39 Fitzjohns Avenue. Tree protection plan. April 2018**

- Spot levels
- Grid squares at 10 metre intervals.
- Existing tarmac drives.
- Existing house.
- Existing boundary walls.
- Existing retaining walls.
- Existing drainage and overhead services.
- Catalogued trees.
- The normative root protection areas (RPA) (as described in the BS) of retained trees.
- Shrubbery.
- The position of a tree protection fence as prescribed in the BS.

### **Arboricultural implications assessment.**

It is known and well documented by the Borough that trees on the southern boundary of Southwell House have caused direct damage to the boundary retaining wall between the garden and the northern footpath of Nutley Terrace.

At some time this wall has to be rebuilt.

The extent of lean of the wall is annotated on the tree protection plan.

It is proposed to remove T6 a Horse Chestnut and T5 a Holly in order to build the light well of the proposed basement. The boundary wall here can then be repaired and replacement trees planted. Various methods of rebuilding the footpath retaining wall have been discussed with Camden.

The roots of Ts 1-4 are most likely confined to the raised bank they are growing in. The existing garden path was excavated many years ago. The tree protection plan shows the difference in levels. These trees can be brought into management. These trees can be protected with temporary fencing whilst building is taking place.

The proposal removes Ts 11-16. These are a row of Silver Birch. It is considered that as these trees have an estimated life of only 10 years it would be wise to remove them and replant in the proposed new gardens.

## Tree catalogue.

No	Common name of tree	Height estimated in metres	Stem diameter in mm at 1.5 metres from base	Branch spread towards compass points estimated in metres	Height of crown clearance estimated in metres	Estimated remaining contribution in years.  Category grading as per table 1 of the BS  Comments
1	Norway Maple	17	C600	N 4 E 2 S 5 W 4	3	30 B Reduced and reshaped in past
2	Norway Maple	17	640	N 4 E 3 S 5 W 2	3	30 B Reduced and reshaped in past.
3	Ornamental	4	250	N 3 E 2 S 2 W 0	1	10 C
4	Ornamental	11	C480	N 2 E 2 S 2 W 2	2	10 C Ivy covered. Decay at first fork
5	Holly	10	260	N 2 E 3 S 1 W 1	0	40 C Exposed wood on northern side.
6	Horse Chestnut	16	710	N 3 E 5 S 4 W 5	2	30 B Pushing retaining wall over.
7	London Plane	16	900	N 7 E 7 S 7 W 7	7	40 A Street tree. Reduced and reshaped.
8	False Acacia	6	190	N 2 E 2 S 2 W 4	2	40 C Pruning scar at 1.5m
9	London Plane	22	1080	N 5 E 5 S 5 W 5	8	40 A Street tree. Reduced and reshaped.
10	Silver Birch	20	260	N 3 E 4 S 2 W 3	3	10 C
11	Silver Birch	20	2 x stems 170 170	N 1 E 3 S 4 W 1	2	All Silver Birches. 11-16 Ivy Covered, the trees are nearing the end of their useful lives.
12	Silver Birch	20	C320	N 2 E 1 S 2 W 1	2	10 C
13	Silver Birch	20	2 x Stems 320 280	N 3 E 7 S 3 W 3	3	10 C
14	Silver Birch	20	C360	N 2 E 3 S 6 W 3	2	10 C
15	Silver Birch	20	C400	N 4 E 3 S 6 W 4	3	10 C
16	Silver Birch	20	C430	N 2 E 2 S 4 W 3	2	10 C

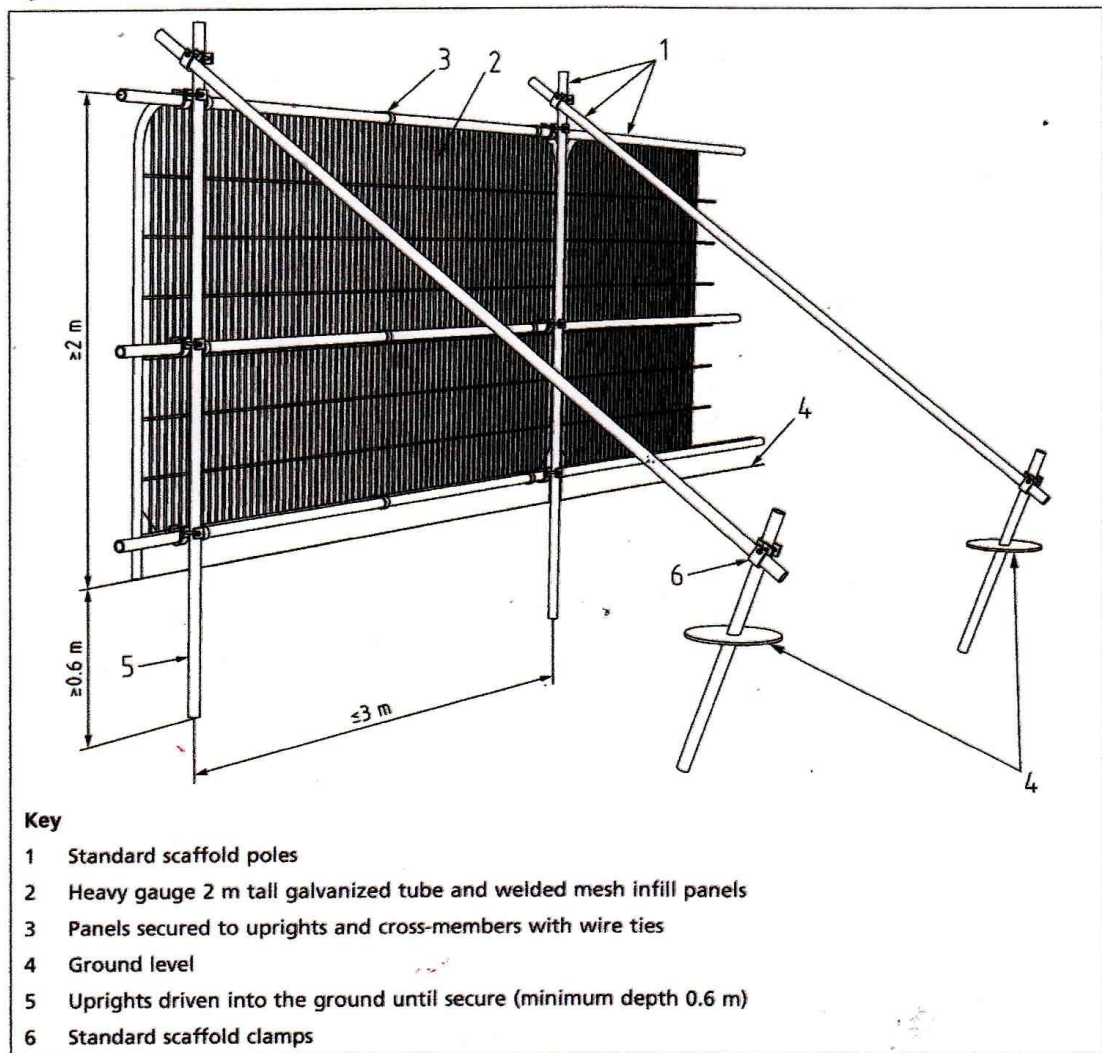
## **Arboricultural Method Statement (AMS)**

The AMS describes how retained trees are protected from harm during the building process.

### **Tree Protection Fence.**

The specification for the tree protection fence shown on the tree protection plan is described in fig 2 of the BS.

Figure 2 Default specification for protective barrier



The tree protection fence will be assembled prior to any ground works on site and will remain in place until all building works are complete.

Notes. Existing service routes will be reused.

Existing tarmac drives will be retained until major works are completed.

Front garden kerbs and shrubbery will be retained and enclosed with site hoarding.

## Sequence of Events.

1. Remove Ts 5 & 6. Reduce stumps to grade by grinding out bole and large buttress roots only.
2. Remove TS 11 -16 and remove stumps by grinding only.
3. Assemble tree protection fence in the position shown on the tree protection plan.
4. Carry out all building works prior to dismantling the tree protection fence.
5. Refurbish the garden path by the addition of materials only.
6. Refurbish main drive by removing wearing layer only.

Tim Price M.arbor.A