RECEIVED
WDM/11961/2
VALID 26 SEP 2012

MANOR HALL ROAD

T05 - Acer platanoides
RPA Min. 10200mm
RPA Min. 3300mm
RPA Min. 3000mm
RPA Min. 2400mm
RPA Min. 4800mm
RPA Min. 1800mm
RPA Min. 900mm
T16 - Prunus serrulata
RPA Min. 3300mm
RPA Min. 900mm
T13 - Prunus cerasifera
T14 - Prunus serrulata
T21 - Prunus serrulata
RPA Min. 3300mm
T17 - Alnus incana
RPA Min. 3300mm
T25 - Crataegus monogyna
T26 - Sorbus sp.
RPA Min. 2400mm
RPA Min. 4800mm
RPA Min. 4200mm
T28 - Acer platanoides
T23 - Cupressus macrocarpa
RPA Min. 1800mm
RPA Min. 1800mm
RPA Min. 2400mm
RPA Min. 2100mm
T12 - Ilex aquifolium
T11 - Prunus sp.
T15 - Prunus serrulata
RPA Min. 4200mm
T22 - Prunus serrulata
RPA Min. 5400mm
T20 - Prunus serrulata
T24 - Acer campestre
RPA Min. 5700mm
RPA Min. 900mm
T27 - Acer platanoides
T29 - Castanea sativa
T30 - Prunus avium
T06 - Acer platanoides
T07 - Crataegus monogyna
T08 - Crataegus monogyna
T09 - Prunus cerasifera
T10 - Parrotia persica
SH18 - Euonymus japonica; Euonymus fortunei 'Silver Queen'; Euonymus japonica 'Emerald n Gold'; Ilex aquifolium; Osmanthus sp; Spirea japonica 'Gold Flame'; Cornus sp.; Buxus sempervirens
RPA Min. 2400mm
T19 - Prunus serrulata
RPA Min. 3900mm
RPA Min. 900mm
RPA Min. 900mm
RPA Min. 3600mm
TG31 - Acer platanoides
T32 - Castanea sativa
RPA Min. 3000mm
T33 - Acer pseudoplatanus 'Variegated'
H34 - Mixed Species Hedge; Elaeagnus x ebbingei; Sambucus nigra; Acer campstre; Acer pseudoplatanus
H35 - Mixed Species Hedge; Elaeagnus x ebbingei; Prunus avium; Ligustrum ovalifolium;Crataegus monogyna
RPA Min. 900mm
RPA Min. 900mm
TG04 - Acer platanoides 'Drummondii; Catalpa bignonioides 'Aurea'
RPA Min. 2100mm
RPA Min. 3000mm
RPA Min. 2400mm
TG03 - Prunus domestica
H02 - Mixed Species Hedge; Euonymus japonica; Hedera helix
RPA Min. 2700mm
RPA Min. 2700mm
TG01 - Acer platanoides

Tree Protection Zone - 'No Dig' Construction
Hard Landscape Surfacing within the specified Tree Root Protection Areas to be undertaken with a 'No-Dig' Permeable Paving Construction. Excavation shall be limited to the removal only of loose surface material / herb layer and implemented by a *Manual Excavation method*; existing ground levels shall be maintained. The construction area / existing ground within the existing tree Root Protection Area (RPA) is to be overlain with a geotextile membrane and granular fill Type 3. All kerb restraints / edge supports are to be secured using pegs / stakes and no excavation within existing RPAs shall be permitted. The permeable construction shall allow for moisture infiltration gaseous diffusion to occur and shall prevent localised compaction of the existing soil structure in accordance with *BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction'.*

Tree Protective Fencing
All Tree Protection and Tree Protective Fencing to be in accordance with *BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction'*. Tree Protective Fencing - to be 2.3 metres height 'Heras' Welded Wire Mesh Fencing secured to a scaffolding framework, set into the existing ground, and positioned to the outside edge of the existing Tree Root Protection Area, or as specified.

Protection and Retention of Existing Vegetation
The Contractor shall exercise extreme care when performing operations beneath the canopy of existing mature trees and vegetation and within the specified Root Protection Areas designated for protection and avoid at all times damage to the roots, trunk and branches.

All excavations, cultivation and grading beneath the canopy of existing mature trees and within the specified Root Protection Areas of the existing trees and vegetation shall be carried out using hand tools, taking care not to damage or disturb any existing tree roots.

All trees to be retained on site shall be protected with fencing erected around the area of mature vegetation in accordance with BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction'. The fencing shall be installed, protected and maintained during the main works by the Contractor who shall be responsible for protecting any area beneath the canopy of the existing trees and within the specified Root Protection Areas.

The installed protective fencing shall be 2.3 metres height 'Heras' Welded Wire Mesh Fencing positioned to the outside edge of the existing tree Root Protection Areas specified. All tree protection to be in accordance with BS 5837:2012 - Trees In Relation to Design, Demolition and Construction'. The fencing should be strained, and fixed to fences, walls, knee rails where possible to provide a complete protected area.

Day-glo ribbons shall be maintained during the main works by the Main Contractor attached to the top of the fencing to ensure that the fencing is clearly visible during the works. Fencing shall be used to enclose the full canopy spread of any tree in accordance with the specified Root Protection Areas and generally with 1.5m on either side of any hedge.

All such fencing shall be maintained for the full contract period. All necessary excavations, earthworks and cultivation beneath the canopy spread of any existing tree; shrub or hedge shall be undertaken by hand. Repositioning of the protective fencing during the course of the contract as the contract works progress shall need to be agreed with the Landscape Architect.

At the end of the contract period the Contractor shall remove protective fencing from the site. All retained vegetation shall be healthy and thriving at the handover date.

Within the protected area the following activities must not take place:
- No vehicles are to be used in the fenced off areas:
- No materials are to be stockpiled or stored:
- No chemicals are to be stored;
- No excavation or increase in the soil level shall occur;
- No fires shall be lit on site.

Removal of Existing Vegetation
All existing trees to be designated for removal are to be removed in accordance with the Tree Protection and Retention Drawing. All tree work and removal shall be carried out in accordance with BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction'. Trees designated for removal and felling shall be marked on site with white paint. Prior to the removal and felling of trees, the required work and tree positions shall be agreed on site with the Landscape Architect. Trees shall be felled prior to the erection of the tree protective fencing. Care should be taken to avoid damage to trees, which are designated to be retained.

Stumps shall be removed and cut away so that the top of the stump shall be at least 450 mm below the final topsoil level in order that the site can be leveled and grassed over. Stumps are to be treated with an approved herbicide to be agreed with the Landscape Architect. Where the depth is greater than 450 mm the areas shall be backfilled with topsoil to the required level.

Tree Surgery
Any significant defects found in the trees during the course of the scheduled work shall be reported to the Landscape Architect. All Tree Surgery work (to include Pre-development) shall be undertaken by an approved and qualified tree surgeon in accordance with BS 3998: 2010 Tree Work Recomendations.
Care should be taken to avoid damage to neighbouring trees to be retained. Branches in confined spaces shall be removed and taken down in sections. All arisings shall be transported and disposed of away from site to the Contractor's tip.

Tree and Vegetation Management
For Tree and Vegetation Retention and Removal Proposals refer to the attached Existing Tree Schedule. For Tree and Vegetation Management Proposals refer to the Management Prescriptions contained within the Existing Tree Schedule.

Legend

- Extent of Tree / Vegetation Survey.
- T02 — Tree, Shrub and Hedge Numbers.
- Tree Root Protection Areas
  Tree Root Protection Areas calculated and specified in accordance with *BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction'.*
- Existing Trees to be Retained and Protected on Site.
  All tree protection to be in accordance with *BS 5837:2012 - 'Trees in Relation to Design, Demolition and Construction'.*
- Existing Hedge / Shrub Planting Areas to be Retained and Protected on Site During the Construction Process.
- U — Category U Trees; Existing Trees Unsuitable for Retention.
- A — Category A Trees; Existing Trees of High Quality and Value.
- B — Category B Trees Existing Trees of Moderate Quality and Value.
- C — Category C Trees Existing Trees of Low Quality and Value.
- **Existing Trees to be Removed from Site Prior to Protection.**
  Tree Surgery operations to be in accordance with *BS3998 2010 - 'Tree Works - Recommendations'.*
- Existing Shrub Group Area to be Removed from Site Prior to Tree Protection.
- **Tree Protective Fencing**
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- **Tree Protection Zone - 'No Dig' Construction**
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Notes:
It is anticipated that the loss of existing trees will be mitigated by the planting of native tree species elsewhere within the Eastbrook Primary School site.

Rev	Description	Date	Initials
00	Planning Issue.	08-12	AR

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Project title
Eastbrook Primary School
Southwick, West Sussex

Drawing title
Tree Protection Plan

Scale	Drawn	Date
1:250@A1	AR	08-12
	Approved	

Drawing No LLD462 / 02
Revision 00
CAD Filename LLD462/CAD

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