




Tree Removal and Protection Plan @ 1:200

Legend

-  Red Line Site Boundary
-  Existing trees to be removed to facilitate construction.
-  Tree protection fencing to be erected prior to construction and retained for the duration of construction activities. To be monitored regularly.

TOTAL Trees to be removed:	
3 x Alder (<i>Alnus glutinosa</i>), 5m high	
10 x Ash (<i>Fraxinus excelsior</i>), 6m high	
1 x Cherry Laurel (<i>Prunus laurocerasus Rotundifolia</i>), 3m high	
7 x Downy Birch (<i>Betula pubescens</i>), 6m high	
1 x Field Maple (<i>Acer campestre</i>), 7m high	
7 x Hazel (<i>Corylus Avellana</i>), 6m high	
2 x Hornbeam (<i>Carpinus betulus</i>), 5m high	
2 x Large-leaved Lime (<i>Tilia platyphyllos</i>), 6m high	
2 x Pedunculate Oak (<i>Quercus robur</i>), 7-8m high	
5 x Scots Pine (<i>Pinus sylvestris</i>), 5-8m high	
3 x Sweet Chestnut (<i>Castanea Sativa</i>), 6m high	
1 x Willow (<i>Salix spp.</i>), 5m high	
TOTAL number of trees to be removed: 44	
TOTAL number of trees to be protected: approx. 471	
TOTAL length of tree protection fencing: 256 m.	



Tree to be removed are outlined

Tree protection fencing

Area A:	
3 x Alder (<i>Alnus glutinosa</i>), 5m high	
4 x Ash (<i>Fraxinus excelsior</i>), 6m high	
2 x Hornbeam (<i>Carpinus betulus</i>), 5m high	
1 x Pedunculate Oak (<i>Quercus robur</i>), 7m high	
2 x Scots Pine (<i>Pinus sylvestris</i>), 5m high	
1 x Willow (<i>Salix spp.</i>), 5m high	
Total trees to be removed in area A: 13	

Area C:	
6 x Ash (<i>Fraxinus excelsior</i>), 6m high	
1 x Field Maple (<i>Acer campestre</i>), 7m high	
7 x Hazel (<i>Corylus Avellana</i>), 6m high	
2 x Large-leaved Lime (<i>Tilia platyphyllos</i>), 6m high	
1 x Pedunculate Oak (<i>Quercus robur</i>), 8m high	
3 x Scots Pine (<i>Pinus sylvestris</i>), 8m high	
3 x Sweet Chestnut (<i>Castanea Sativa</i>), 6m high	
Trees to be removed in area C: 23	



Tree to be removed are outlined

Tree protection fencing



Tree protection fencing

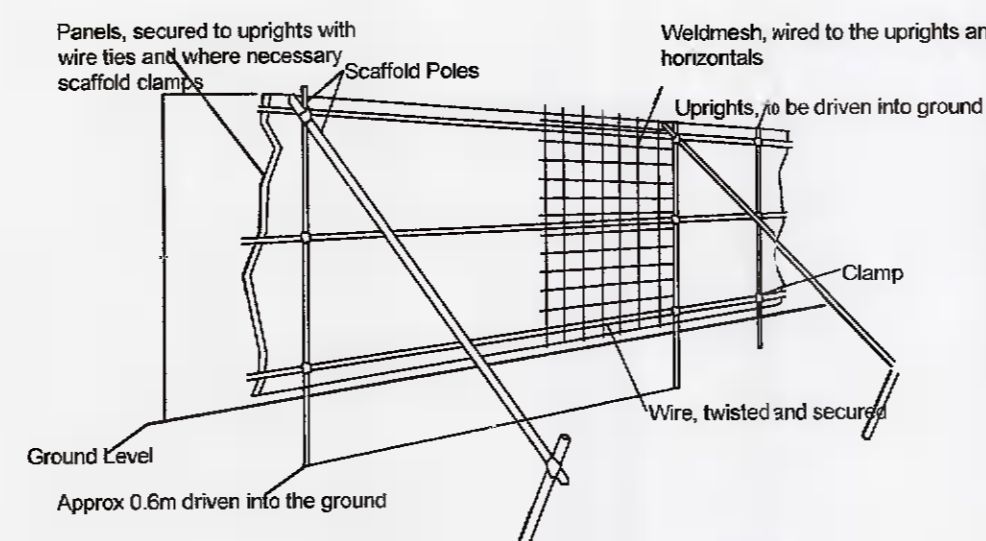
Tree to be removed are outlined



Tree protection fencing

Tree to be removed are outlined

Area B:	
1 x Cherry Laurel (<i>Prunus laurocerasus Rotundifolia</i>), 3m high	
7 x Downy Birch (<i>Betula pubescens</i>), 6m high	
Trees to be removed in area B: 8	



TREE PROTECTION - BS 5837 : 2005 TREES IN RELATION TO CONSTRUCTION

All tree protection works to be in accordance with BS 5837 : 2005 and approved by consulting arboriculturist or landscape architect.

All trees to be retained on site are to be protected by effective fencing defining the Construction Exclusion Zone (CEZ). The fencing excludes construction activities from the Root Protection Area (RPA) which contains sufficient rooting volume to ensure the survival of the tree. The RPA measured in m² is calculated as an area equivalent to a circle with a radius 12 times the stem diameter for single stem trees. Fencing is to be installed before any materials or machinery are brought onto the site and before any demolition or development, including erection of site huts, commences. Once erected, fencing and ground protection are to be regarded as sacrosanct, and should not be removed or altered without the prior consultation with the consulting arboriculturist or landscape architect. Protective fencing should consist of a scaffold framework in accordance with Figure No. 1 comprising a vertical and horizontal framework, well braced to resist impacts, with vertical tubes spaced at a maximum interval of 3m. Onto this, weld mesh panels or 2m high shuttering board should be securely fixed with wire of scaffold clamps. Notices should be erected on the fence with words such as, 'Keep out' or 'No operations past this point'.

Drawn by: PS Checked by: JG

Sheet Title: Tree Removal and Protection Plan

Sheet No.: 21127_TRPP_01_B

Project Architect: EMD Architects

Stage: for planning

Scale: 1/200 @ A1

Revision:

Date: Jun 2021

B

gannon + associates

+ 087 910 1600

+ info@gannonandassociates.ie

+ 6 Lower Kimmage Road, D6W

+ gannonandassociates.ie

Project: Redevelopment and alterations to
 Title: unit 2007/2008 Orchard Ave, City West
 Client: Gowan Group