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NOTES

- Drawing to be read in conjunction with Arboricultural Survey
- All tree works are to comply with the recommendations of this document and are to be carried out by a suitably qualified arboriculturalist.
- All works are to be carried out in accordance with guidance from BS 5837:2012 Trees in relation to design, demolition and construction and BS 3998:2010 Recommendations for Tree Work.

1. The root protection area is the area (m^2) surrounding a tree which contains sufficient rooting volume to ensure the survival of the tree.

Excavation in protected area - Refer : BS 3998 : Recommendations for tree work

- Method: By hand or approved mechanical machinery (air spade) under arboricultural supervision.
- Backfill as soon as possible or temporarily line with polyethylene sheet to reduce evaporation.
- Outside protected area: Give notice of roots exceeding 25 mm and do not cut without approval from Arboricultural Consultant.

Cutting:

- Make clean smooth cuts with no ragged edges.
- Pare cut surfaces smooth with a sharp knife.
- Treatment of cut roots: To Arboricultural Consultants recommendations

Backfill:
As dug material. Copious watering may alleviate further stress and reduce further root dieback due to dessication. (Refer to BS 3998 : Reccomendations for tree work)

2. Care must be taken to protect the existing trees to be retained (As listed in the Arboricultural survey), to a level which ensures the trees, shape, form and healthy survival.

Precautions required to be taken during the demolition and construction stage of works should be in accordance with BS 5837 2012 : Trees in relation to design, demolition and construction, including:
- Prevention of physical damage to roots by soil compaction or severing.
- Provisions for water and oxygen to roots systems.
- Allowing for future growth to the root systems.
- Preservation of the soil structure around root system at suitable bulk density for root function.
(Refer : BS 5837 :2012 Trees in relation to design, demolition and construction).

3. Removal of trees: To standard of BS 3998

- Identification: Clearly mark trees to be removed, with spray paint marker and tag on trunk..
- Safety: Comply with HSE/ Arboriculture and Forestry Advisory Group Safety Guides.
- Felling: As close to the ground as possible. All work to be undertaken by a qualified tree surgeon.
- Stumps: Remove to a minimum depth of 450 mm below ground level or to a level set by the Structural Engineer in the specification, whatever the greater.
- Work near retained trees: Take down trees carefully in small sections to avoid damage to adjacent trees that are to be retained, where tree canopies overlap and in confined spaces generally.

Removing small trees, shrubs, hedges and roots: To standard of BS 3998

- Identification: Clearly mark trees to be removed, with spray paint marker and tag on trunk.
- Small trees, shrubs and hedges: Cut down.
- Roots: Grub up and dispose of without undue disturbance of soil and adjacent areas.
- Safety: Comply with HSE/ Arboriculture and Forestry Advisory Group Safety Guides.

4. Should a tree be damaged or destroyed, the contractor will be liable for any Local Authority penalties and may need to replace the tree either with a healthy, semi-mature tree of an identical type /species, as defined by the National Plant Specification, or whatever age/ type of tree is specified by the Local Authority, whichever is the more onerous.

5. No construction works to be commenced in proximity of existing retained trees until a full method statement describing all actions to be taken for each individual tree is submitted by the contractor and agreed in writing by an approved Arboriculturist and Local Authority.

Landscape Legend

Overall Site Boundary Line

Existing Trees Retained and Protected
To BS 5837:2012
Refer to Tree Constraints Plan by Arbtech Consulting Ltd, dwg no. Arbtech TCP 01.

Existing Trees RPA
Refer to Tree Constraints Plan by Arbtech Consulting Ltd, dwg no. Arbtech TCP 01.

Existing Trees to be Removed
as part of the development.
Refer to Tree Management Schedules for quantities.

Existing Planting to be Removed
as part of the development

Proposed Tree
Refer to Soft Landscape Plan, dwg no. 09040.
Refer to Tree Management Schedules for quantities.

NOTE:
Tree numbers as per Tree Constraints Plan by Arbtech Consulting Ltd, dwg no. Arbtech TCP 01.

Phasing Legend

Phase 1 Boundary

Phase 2 Boundary

Phase 3 Boundary

Phase 4 Boundary

TREE MANAGEMENT SCHEDULES

Trees Removed	
Tree no.	**Phase Demolished**
G2a	Phase 1
T5	Phase 1
T6	Phase 1
T7	Phase 1
T8	Phase 1
T9	Phase 1
T10	Phase 1
T17	Phase 1
T18	Phase 1
T19	Phase 1
T20	Phase 1
T21	Phase 1
T22	Phase 1
T23	Phase 1
T24	Phase 1
T25	Phase 1
T26	Phase 1
T27	Phase 1

18 no. TOTAL in PHASE 1

T1	Phase 2
T2	Phase 2

2 no. TOTAL in PHASE 2

T3	Phase 3
T37	Phase 3

2 no. TOTAL in PHASE 3

Trees Removed	
Tree no.	**Phase Demolished**
G1	Phase 4
G2b	Phase 4
G2c	Phase 4
T11	Phase 4
T12	Phase 4
T13	Phase 4
T14	Phase 4
T15	Phase 4
T16	Phase 4

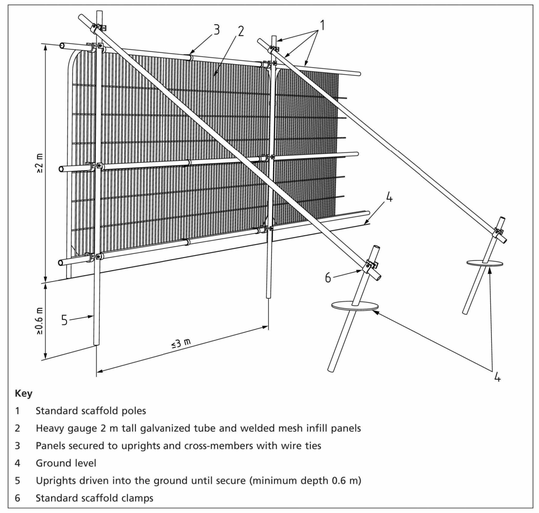
9 no. TOTAL in PHASE4

G9	Final - masterplan/campus
G10	Final - masterplan/campus
G12	Final - masterplan/campus
T29	Final - masterplan/campus
T32	Final - masterplan/campus
T35	Final - masterplan/campus

6 no. TOTAL in Final - masterplan/campus

TOTAL : 37

Trees Proposed	
Phase Created	**Count**
Phase 1	31
Phase 2	14
Phase 3	31
Phase 4	48
Final - masterplan/campus	66
TOTAL :	**190**



Key

1 Standard scaffold poles
2 Heavy gauge 2 m tall galvanized tube and welded mesh infill panels
3 Panels secured to uprights and cross-members with wire ties
4 Ground level
5 Uprights driven into the ground until secure (minimum depth 0.6 m)
6 Standard scaffold clamps

STATUS	REV	DATE	DESCRIPTION
PL	PL02	12/12/24	Issued for PAC
S1	P03	06/12/24	Draft for team review
S1	P02	29/11/24	Issued for team co-ordination
S1	P01	27/11/24	Draft Issue

CLIENT
Coleg Gwent

REVISED BY
CCM

CHECKED BY
CS

ORIGINATOR NO
156917

CONSULTANT
STRIDE TREGLOWN
www.stridetreglown.com

PROJECT
Coleg Gwent
Crosskeys Campus, Crosskeys

DRAWING TITLE
Tree Management Plan

STATUS CODE
PL - PLANNING

SCALE
1 : 750
@A1

PROJECT - ORIGINATOR - FUNCTION - SPATIAL - FORM - DISCIPLINE - NUMBER
155663-STL-XX-XX-DR-L-09010

STATUS_REVISION
PL_PL02