

- NOTES:
- ALL LEVELS IN METRES ABOVE ORDANCE DATUM UNLESS NOTED OTHERWISE
 - ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE
 - REFER TO LANDSCAPING PLAN DRAWING LD.TRBNS

Tree Mix

Abbrev.	Name	Girth/Dia. cm	Height cm	Root Zone	Mix %	Number
Q R	Quercus Robur	14-16	200	B	Approx 20-30% Of Each	Any
Q p	Quercus Petraea	14-16	200	B		
F Syl	Fagus Sylvatica	14-16	200	B		
Grand Total						9

LANDSCAPE SPECIFICATION

1.0 GENERAL

1.1 ALL LANDSCAPE SOFT WORKS ARE TO BE CONDUCTED IN ACCORDANCE WITH BS 4428: 1989 ' CODE OF PRACTICE FOR GENERAL LANDSCAPE OPERATIONS (EXCLUDING HARD SURFACES)', BS 3936:199 'RECOMMENDATIONS FOR CULTIVATION AND PLANTING IN THE ADVANCE NURSERY STOCK CATEGORY' AND BS 8545:2014 'TREES: FROM NURSERY TO INDEPENDENCE IN THE LANDSCAPE'.

1.2 WORKS SHOULD BE CONDUCTED AT THE APPROPRIATE SEASON AND ONLY IN APPROPRIATE WEATHER CONDITIONS.

2.0 TREES

2.1 EXISTING TREES TO BE RETAINED WHERE INDICATED AND PROTECTED DURING CONSTRUCTION WORKS VIA A CLEFT CHESTNUT PALE FENCE TO A MIN HEIGHT OF 1.2M TO BS 1722 PT 4: 1972 AND TO BS 5837:2012 'TREES IN RELATION TO DESIGN, DEMOLITION AND CONSTRUCTION'. THIS SHALL BE ERECTED AT THE COMMENCEMENT OF WORKS AND MAINTAINED IN SITU UNTIL CONSTRUCTION HAS BEEN COMPLETED. THE FENCING SHALL BE ERECTED TO AN ALIGNMENT THAT SHALL BE AGREED WITH THE PM ON SITE.

THE FOLLOWING WILL APPLY:

- NO WORK SHALL BE PERMITTED WITHIN THE FENCED ENCLOSURE.
 - NO OIL, BITUMEN, CEMENT OR OTHER BITUMINOUS OR DELETERIOUS MATERIAL LIKELY TO BE INJURIOUS TO A TREE SHALL BE KEPT OR DISCHARGED WITHIN 10.0M OF THE TREE BOLES.
 - NO OTHER MATERIAL SHALL BE KEPT OR STACKED WITHIN 5.0M OF TREE BOLES.
 - NO TIPPING OR STORAGE OF MATERIALS NOR ANY CONCRETE MIXING SHALL BE CONDUCTED WITHIN 10.0M OF ANY TREE.
 - NO FIRES SHALL BE LIT BENEATH OR NEAR ANY TREE CANOPY.
 - NOTICE BOARDS TELEPHONE CABLES OR OTHER SERVICES SHALL NOT BE ATTACHED TO ANY PART OF THE TREE.
 - CARE SHALL BE EXERCISED WHEN USING CRANES OR OTHER MECHANICAL PLANT AND EQUIPMENT NEAR THE SPREAD OF THE CANOPY OF THE TREES.
 - A NOTICE SHALL BE ERECTED ON THE FENCE INDICATING THIS THE AREA OF THE TREE IS A PROTECTED AREA AND ALL ACTIVITIES ASSOCIATED WITH THE WORKS IN THAT ARE A SHALL BE PROHIBITED.
 - REMEDIAL SURGERY SHALL BE CONDUCTED TO ALL TREES THAT AREA TO BE RETAINED AS IDENTIFIED BY THE AIA. ALL REMEDIAL WORK SHALL BE CONDUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF BS3998: 2010.
- 2.2 PROPOSED TREES ELSEWHERE SHALL BE AS SPECIFIED AS IN PLANTING SCHEME ABOVE.
- 2.3 THE CONTRACTOR IS RESPONSIBLE FOR PROCURING AN ARBORICULTURIST TO ADVISE ON THE REMOVAL AND DISPOSAL OF DISEASED TREES.

3.0 SOIL

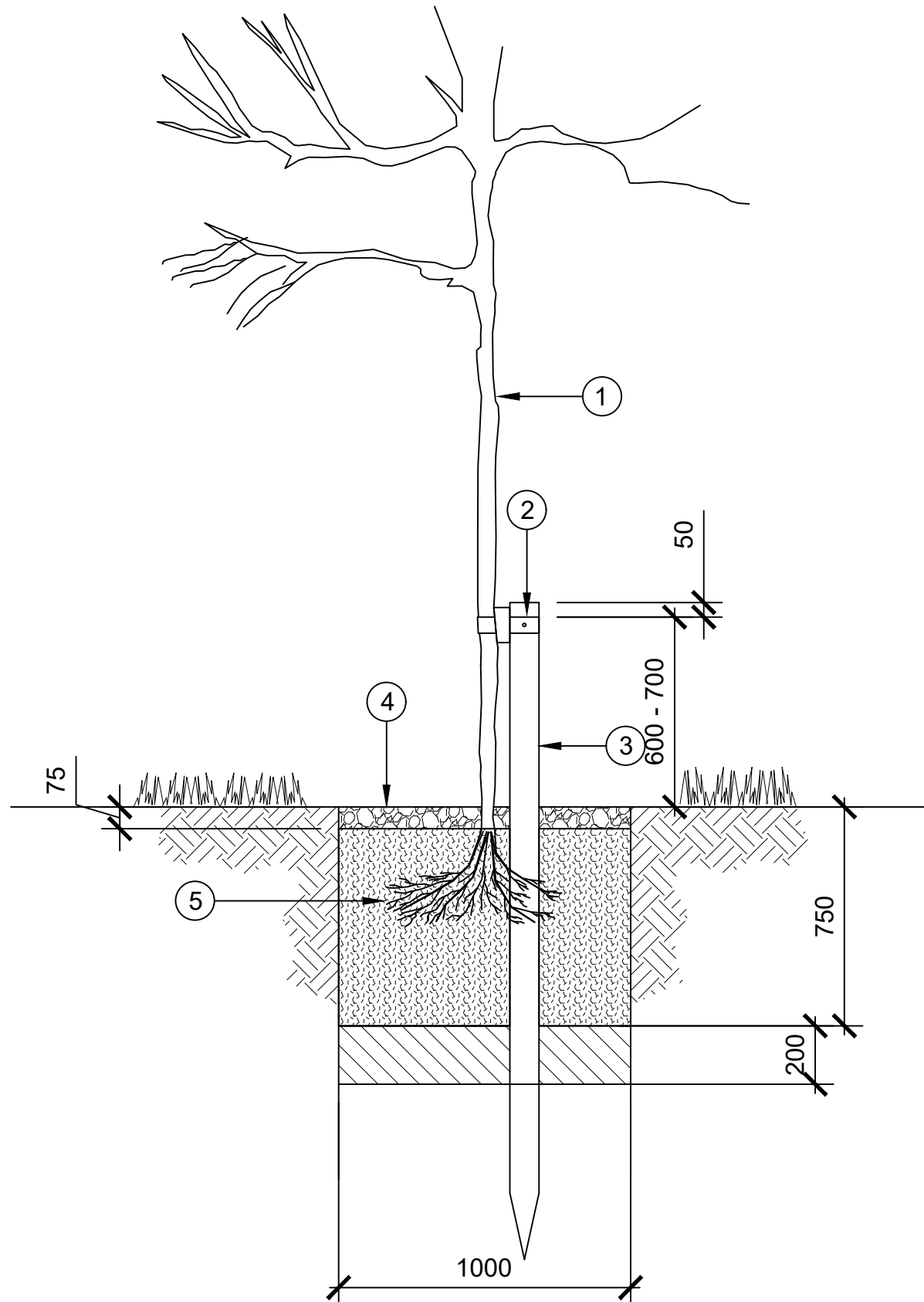
- 3.1 ALL IMPORTED TOPSOIL SHALL COMPLY WITH BS3882 AND BS4428 AND SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT.
- 3.2 ALL IMPORTED TOPSOIL TO BE SPECIFIED AS FREE DRAINING 'SANDY' TOPSOIL AS PER SPECIFICATION, TESTED AND CERTIFIED BY AN APPROVED SOIL SCIENTIST. ALL IMPORTED SUBSOIL TO COMPLY WITH BS8601:2013 TO BE SPECIFIED AND INSTALLED TO APPROPRIATE DEPTHS IN ACCORDANCE WITH DEFRA CODE, BS 3882 AND BS 8601.
- 3.3 ALL SOIL, WHETHER RE-USED OR IMPORTED WILL BE SHOWN TO BE FIT FOR THEIR INTENDED PURPOSE VIA PHYSICAL AND CHEMICAL ANALYSIS (IN ACCORDANCE WITH BS 3882:2015 &BS 8601:2013) AND AN INTERPRETIVE REPORT PREPARED BY A SOIL SCIENTIST. PRIOR TO PLANTING, PERCOLATION TESTS SHOULD BE CARRIED OUT TO ENSURE THAT SOILS ARE FIT FOR PURPOSE AND THERE MUST BE NO AMELIORANTS (COMPOST, FERTILISER, ETC) UNLESS SPECIFICALLY REQUIRED FOLLOWING SOIL ANALYSIS.
- 3.4 PRIOR TO ANY OTHER LANDSCAPE WORKS INCLUDING TOPSOIL SPREAD, ALL AREAS OF SOFT LANDSCAPING SHALL BE CULTIVATED / RIPPED TO ALLEVIATE ANY COMPACTION PRIOR TO TOP SOILING AND ENSURE ADEQUATE DRAINAGE.

4.0 PLANTING

- 4.1 ALL PLANTING OPERATIONS SHALL BE CONDUCTED IN ACCORDANCE WITH THE RELEVANT SECTIONS OF BS 4428:1989 AND BS8545:2014. EXCAVATED TREE PITS TO ACCOMMODATE ENTIRE ROOT MASS. FORK SIDES AND BASE THOROUGHLY TO ACHIEVE DRAINAGE AND REMOVE CLAY PATCHES. ALL PLANTING SHOULD BE CARRIED OUT DURING THE APPROPRIATE PLANTING PERIOD BETWEEN 1ST OCT AND 31ST OF MARCH. OUTSIDE THIS PERIOD ALL PLANTS INCLUDING TREES SHOULD BE SOURCED AS CONTAINERISED STOCK.
- 4.2 ALL TREES SHALL BE PLANTED IN TOP/SUB SOILED PITS TO A MINIMUM APPROXIMATE SIZE 800MM DEEP, WITH UNDERGROUND GUYING SYSTEM. PLACE TREE IN PIT AND BACKFILL WITH APPROVED TOPSOIL AND SUBSOIL. FIRM IN LAYERS AND ADD WATER TO FIELD CAPACITY. SUPPLY AND SPREAD A MINIMUM DEPTH OF 75MM BARK MULCH TO TOP OF TREE PIT. NO AMELIORANTS OR COMPOST TO BE INCLUDED UNLESS SOIL ANALYSIS DEMONSTRATES NEED AND IS SPECIFIED BY SOIL SCIENTIST.
- 4.3 PLANT SPECIES SHALL BE AS SPECIFIED IN PLANTING SCHEME ABOVE.

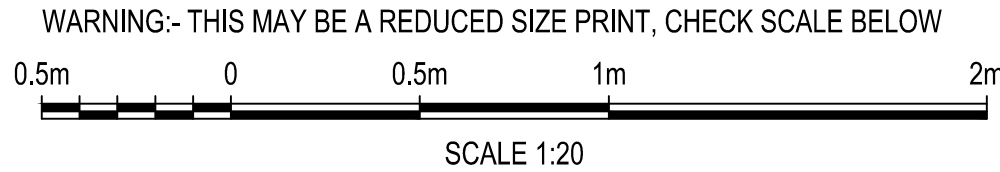
5.0 MAINTENANCE

- 5.1 ALL PLANTED AREAS SHALL BE SUBJECT TO A MINIMUM FIVE-YEAR MAINTENANCE PROGRAMME WHICH SHALL INCLUDE THE REPLACEMENT OF FAILED PLANTS AT THE TIME OF PRACTICAL COMPLETION AND IN EACH FOLLOWING YEAR. MAINTENANCE OPERATIONS SHALL INCLUDE WEEDING AND WATERING, LITTER PICKING, PRUNING / COPPING, TOP DRESSING WITH FERTILISER AND MULCH ANNUALLY, REPLACING /SECURING OF TREE STAKES, RE-SEEDING AND GRASS CUTTING.
- 5.2 A FULL PROGRAMME OF MAINTENANCE OPERATIONS SHALL BE PRESENTED TO THE CA AT THE TIME OF PRACTICAL COMPLETION.



Notes

- STANDARD TREE IN ACCORDANCE WITH THE NATIONAL PLANT SPECIFICATION.
- 1 NO. TREE TIE AND SPACER SECURED TO STAKE WITH GALVANISED NAIL. SAMPLE TO BE APPROVED.
- TREE STAKES TO BE PRESSURE TREATED SOFTWOOD, SWEET CHESTNUT OR LARCH 2000MM LENGTH, 85MM DIA. TREE STAKES TO BE DRIVEN INTO GROUND PRIOR TO PLANTING.
- 75MM DEEP ORGANIC BARK MULCH IN SOFT LANDSCAPE AREAS. SAMPLE TO BE APPROVED.
- TREE PIT TO BE MINIMUM OF 1000 X 1000 X 750mm. CULTIVATE BASE OF PIT TO 200MM TO ENSURE FREE DRAINAGE. REMOVE ARISINGS. BACKFILL WITH 80% TOPSOIL TO 20% COMPOST MIX.



P01	FOR PLANNING	AS	OL	BMB	08.07.24
Rev.	Description	Drawn	Chkd	Appd.	Issue Date
 Capital Delivery Alliance Cynghrair Cyflawni Cyfalaf Ty Awon, Spooner Close, Coed Kernew, Newport, NP108FZ					
Project Name:					
TREBANOS WwTW					
Drawing Title:					
OUTFALL LANDSCAPE SPECIFICATION					
Suitability:					Suitability Code:
FOR PLANNING					PL
Internal Project Number:		Scale:		Rev:	
275281		AS SHOWN @ A1		P01	
Drawing Number:					
B1642-102503-ZZ-ZZ-DR-CA-MM6105					