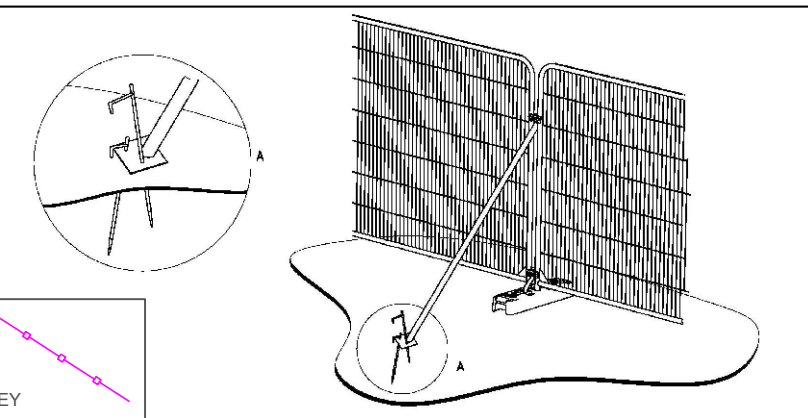




ALTERNATIVE SPECIFICATION A) TREE PROTECTION BARRIER
HEAVY GAUGE 2M TALL GALVANISED TUBE AND WELD MESH INFILL PANELS
PANELS HELD UPRIGHT USING RESIN BLOCKS/FEET
PANELS TO BE ATTACHED TO 45° SUPPORTING STRUTS
SUPPORTING STRUTS TO BE SECURED IN PLACE USING PINS/PEGS

TEMPORARY GROUND PROTECTION

TEMPORARY GROUND PROTECTION IS REQUIRED DURING THE DEVELOPMENT PROCESS TO PROTECT ROOT PROTECTION AREAS FROM DAMAGE THROUGH CONSTRUCTION OPERATIONS. THIS MAY BE FOR WHEN PERMANENT SPACE IS REQUIRED OR TEMPORARY ACCESS THROUGH ROOT PROTECTION AREA WHERE TREE PROTECTION BARRIER NEED TO BE SET BACK.

TEMPORARY GROUND PROTECTION IS USED TO REDUCE COMPACTION OF THE SOIL IN ROOT PROTECTION AREAS AND LESSEN THE IMPACT TO SOIL STRUCTURE AND THE ROOTS CONTAINED WITHIN.

EXAMPLES OF COMMONLY ACCEPTED TEMPORARY GROUND PROTECTION

PEDESTRIAN:
SINGLE THICKNESS SCAFFOLD BOARD (40MM) OR PLYWOOD TO BE LAID ON A NON-COMPACTABLE LAYER SUCH AS 100MM OF WOODCHIP OR SAND OVER A GEOTEXTILE MEMBRANE.

REGULAR TRAFFIC AND PLANT UP TO 3.5 TONNE (3500KG)
WHERE FREQUENT TRAFFIC OF PEDESTRIANS OR VEHICLE UP TO A GROSS WEIGHT OF 3.5 TONNE ARE REQUIRED. INTERLINKING ALUMINIUM OR METAL TRACKWAY IS TO BE USED OVER A 200MM DEEP BASE OF WOODCHIP, ON TOP OF A GEOTEXTILE MEMBRANE.

TRAFFIC OVER 3.5 TONNE (3500KG)
ANY ACCESS THROUGH ROOT PROTECTION AREAS WITH VEHICLES IN EXCESS OF 3.5 TONNE MUST USE A LOAD SPREADING CELLULAR CONFINEMENT SYSTEM TO PREVENT DAMAGE TO THE SOIL AND ROOT SYSTEMS BENEATH. PLEASE REFER TO THE NO DIG CONSTRUCTION GUIDANCE AND ARBORICULTURAL METHOD STATEMENT FOR FURTHER DETAILS.

HAND / MANUAL EXCAVATIONS

EXCAVATIONS CARRIED OUT WITHIN THE ROOT PROTECTION AREA MUST BE DONE SO BY HAND USING SPADES, FORKS AND TROWELS. CARE MUST BE TAKEN TO LIMIT ANY DAMAGE CAUSED TO THE OUTER BARK AND WOODY STRUCTURE OF ROOTS WHICH ARE TO BE RETAINED. THE FORK SHOULD BE USED TO LOOSEN THE SOIL TO LOCATED ANY SUBSTANTIAL ROOTS (25MM+ DIAMETER).

ONCE ROOTS HAVE BEEN EXPOSED, THOSE THAT ARE TO BE REMOVED CAN BE CAREFULLY PRUNED USING SHARP SECATEURS OR HAND SAW.

ANY ROOTS BEING RETAINED MUST BE PROTECTED FROM DRYING OUT. THIS CAN BE DONE BY WRAPPING OR COVERING ANY EXPOSED ROOTS IN A SUITABLE MATERIAL SUCH AS HESSIAN, SPARE MEMBRANE MATERIAL OR PLASTIC. ANY WRAPPING USED MUST BE REMOVED BEFORE ANY BACKFILLING TAKES PLACE.

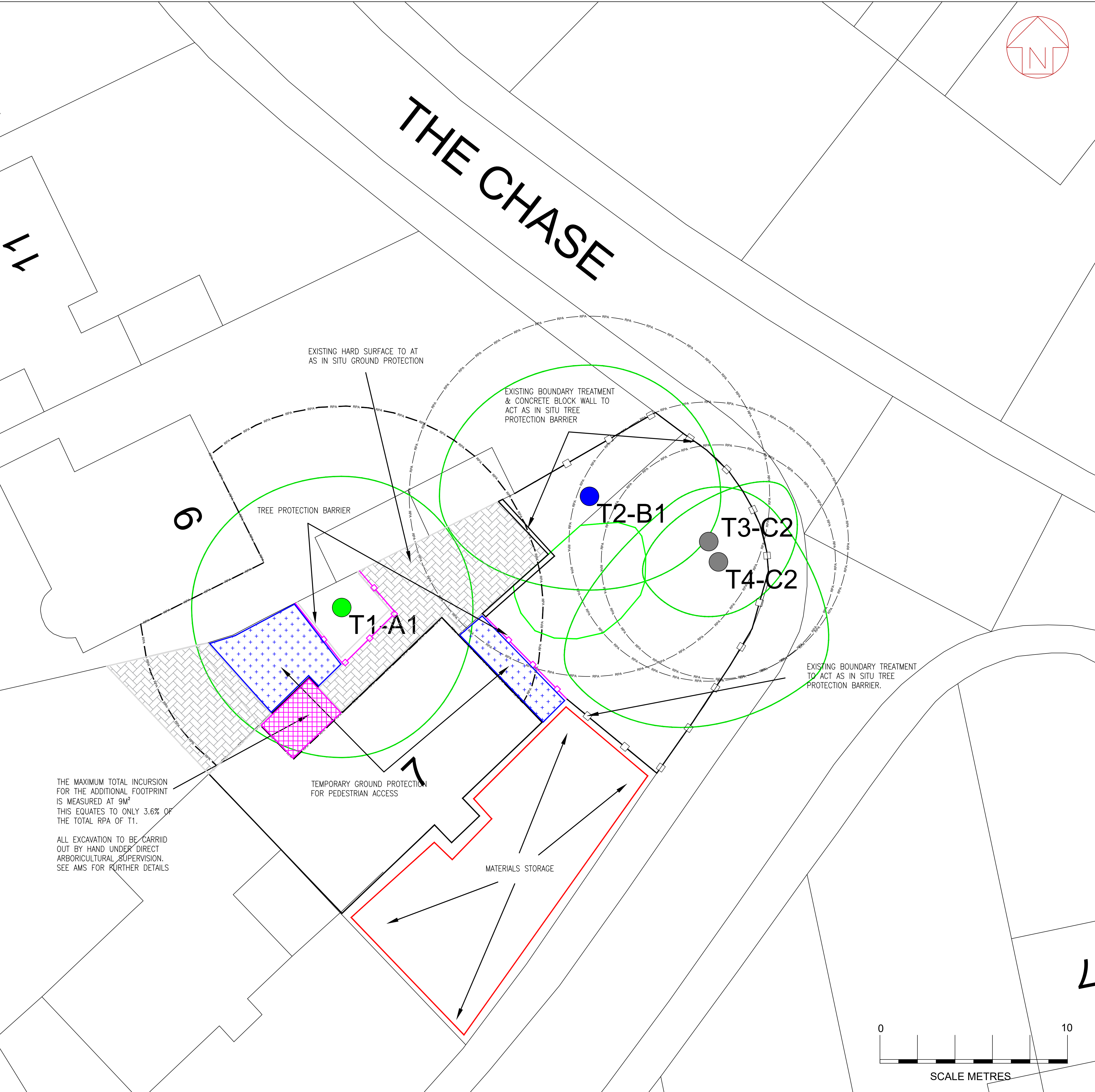
SOME ROOTS OVER LARGER AREAS OF EXCAVATION CAN BE DISPLACED WHERE POSSIBLE TO BEND ROUND OR AVOID NEW STRUCTURES OR PIPE WORK WHILST REMAINING INTACT.

ALTERNATIVES TO MANUAL EXCAVATION IS THROUGH THE USE OF COMPRESSED AIR TO DISPLACE SOIL. THIS IS OFTEN MORE EFFECTIVE OVER LARGER AREAS AND ENABLE MORE ROOTS TO BE KEPT FULLY INTACT.

GENERAL SITE RESTRICTIONS

THE FOLLOWING PRECAUTIONS WILL BE FOLLOWED AT ALL TIMES:

- NO FIRES ARE TO BE LIT WITHIN 5M FROM THE STEM, CANOPY LINE OR ANY PART OF RETAINED TREES.
- NO DEMOLITION, GROUND WORKS OR CONSTRUCTION SHALL COMMENCE UNTIL ALL THE TREE PROTECTION BARRIERS AND GROUND PROTECTION HAVE BEEN INSTALLED IN ACCORDANCE WITH THE APPROVED TREE PROTECTION PLAN.
- NO VEHICULAR ACCESS SHALL BE PERMITTED INSIDE / BEHIND THE TREE PROTECTION BARRIERS UNLESS SUITABLE GROUND PROTECTION MEASURES ARE IN PLACE.
- NO VEHICLES ARE TO BE PARKED WITHIN ROOT PROTECTION AREAS OF RETAINED TREES WITHOUT SUITABLY GROUND PROTECTION MEASURES BEING IN PLACE.
- NO MATERIALS, EQUIPMENT, DEBRIS OR SPOIL IS TO BE STORED INSIDE / BEHIND THE TREE PROTECTION BARRIERS.
- NO NOTICE BOARDS, CABLES, LIGHTING, CAMERAS OR ANY OTHER ITEM OR SERVICE SHALL BE ATTACHED TO ANY PART OF A RETAINED TREE.
- ALL MATERIALS WHICH CONTAMINATE THE SOIL (CONCRETE, DIESEL, OIL, VEHICLE WASHINGS, ETC) MUST BE CONTAINED AND NOT PERMITTED TO ENTER OR SPILL INTO ROOT PROTECTION AREAS.
- NO MATERIALS SHALL BE STORED IN SUCH A FASHION THAT WILL INCUR DAMAGE TO ANY RETAINED TREE OR PART THEREOF.
- NO UNDERGROUND SERVICES, DRAINAGE OR SOAK-AWAYS SHALL BE LOCATED IN ANY PART OF THE ROOT PROTECTION AREA WITHOUT PRIOR APPROVAL OF THE LOCAL PLANNING AUTHORITY.
- ANY APPROVED TREE PRUNING MUST BE CARRIED OUT BY A SUITABLY QUALIFIED AND COMPETENT ARBORIST AND TO BRITISH STANDARD 3998 2010.



NOTES:
ORIGINAL PLANS SUPPLIED BY ORIGINAL PLANS SUPPLIED BY KEENAN PROJECT DESIGNS DWG NO. 2283 H.
ALL TREE NUMBERS AND GRADES ARE TO BE REFERENCED FROM THE ARBORICULTURAL IMPACT ASSESSMENT & METHOD STATEMENT WHICH THIS DRAWING MUST BE READ IN CONJUNCTION WITH.
THIS DRAWING SHOULD NOT BE REPRODUCED WITHOUT THE PRIOR WRITTEN APPROVAL OF RCG ARBORICULTURE.
TREE PROTECTION MEASURES MUST BE INSTALLED ONSITE PRIOR TO THE START OF ANY DEVELOPMENT WORKS
EXACT LOCATIONS WILL BE AGREED ONSITE WITH THE APPOINTED ARBORIST TO PREVENT ANY CONFUSION AND MAXIMIZE THE AMOUNT OF AVAILABLE WORK SPACE
ALL TREE PROTECTION MUST STAY IN-SITU UNTIL EITHER ALL CONSTRUCTION WORKS ARE COMPLETE OR WRITTEN APPROVAL HAS BEEN PROVIDED BY THE APPOINTED ARBORIST/LOCAL AUTHORITY.

	BRITISH STANDARD 5837 2012 A CATEGORY TREE	T1:B2	INDIVIDUAL TREE NUMBER AND BS5837 2012 GRADING
	BRITISH STANDARD 5837 2012 B CATEGORY TREE	G1:B2	TREE GROUP NUMBER AND BS5837 2012 GRADING
	BRITISH STANDARD 5837 2012 C CATEGORY TREE		TREE CANOPY DIMENSIONS
	BRITISH STANDARD 5837 2012 U CATEGORY TREE		CALCULATED ROOT PROTECTION AREA
	TREE PROTECTION BARRIER		TREE REMOVALS
	NO DIG CONSTRUCTION		TEMPORARY GROUND PROTECTION
	MATERIALS STORAGE		TREE SENSITIVE MANUAL EXCAVATIONS

RECOMMENDED SEQUENCING OF EVENTS

- ARBORICULTURAL IMPACT ASSESSMENT, ARBORICULTURAL METHOD STATEMENT AND TREE PROTECTION DETAILS TO BE ISSUED TO SITE MANAGER, CONTRACTORS AND SITE OWNER.
- PRE-COMMENCEMENT MEETING WITH ALL PARTIES AND RECOMMENDED TO HAVE A REPRESENTATIVE FROM THE LOCAL PLANNING AUTHORITY PRESENT.
- ARBORICULTURAL METHOD STATEMENT AND TREE PROTECTION DETAILS TO BE REVIEWED BY SITE MANAGER AND PERSONNEL.
- ANY RECOMMENDED TREE WORK OPERATIONS ARE CARRIED OUT AS SPECIFIED IN THE APPROVED ARBORICULTURAL REPORT.
- ANY PRIOR DEVELOPMENT INVESTIGATIONS COMPLETED SUCH AS TRIAL HOLES OR EXPLORATORY EXCAVATIONS. THESE MAY BE UNDER ARBORICULTURAL SUPERVISION IF IN CLOSE PROXIMITY TO RETAINED TREES.
- ERECTION AND INSTALLATION OF ALL NECESSARY TREE PROTECTION BARRIERS, GROUND PROTECTION AND NO DIG ACCESS AS OUTLINED IN THE ARBORICULTURAL METHOD STATEMENT AND TREE PROTECTION PLAN. THIS MUST BE COMPLETED BEFORE ANY DEMOLITION, CONSTRUCTION OR GROUND WORKS TAKE PLACE.
- APPROVED DEVELOPMENT TO BE UNDERTAKEN WITH ANY ARBORICULTURAL SUPERVISION COMPLETED AND DOCUMENTED.
- REMOVAL OF TREE PROTECTION MEASURE ONLY WHEN ALL CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED AND ANY OTHER WORKS WHICH MAY IMPACT ON RETAINED TREES.
- ANY LANDSCAPING AND TREE PLANTING REQUIRED CAN BE CARRIED OUT BUT CARE SHOULD BE TAKEN NOT TO DAMAGE ANY RETAINED TREES OR THEIR ROOT SYSTEMS.

RCG ARBORICULTURE
30 Rowan Close, Guildford, Surrey, GU1 1PW
Email: rgarboriculture@gmail.com Tel: 07595 773453

Project :
7 THE PADDOCK, CROWTHORNE, WOKINGHAM, RG45 6HS

Title :
TREE PROTECTION PLAN

Scale : 1:100 @ A1	Date : 29-04-2024	Drawn by : R. G.
Dwg No : RCG - TP - TPPC	Revision : A	

THE MAXIMUM TOTAL INCURSION FOR THE ADDITIONAL FOOTPRINT IS MEASURED AT 9M² THIS EQUATES TO ONLY 3.6% OF THE TOTAL RPA OF T1.

ALL EXCAVATION TO BE CARRIED OUT BY HAND UNDER DIRECT ARBORICULTURAL SUPERVISION. SEE AMS FOR FURTHER DETAILS