

Tree Protection Fencing Specification

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Note

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Figure 2 Default specification for protective barrier

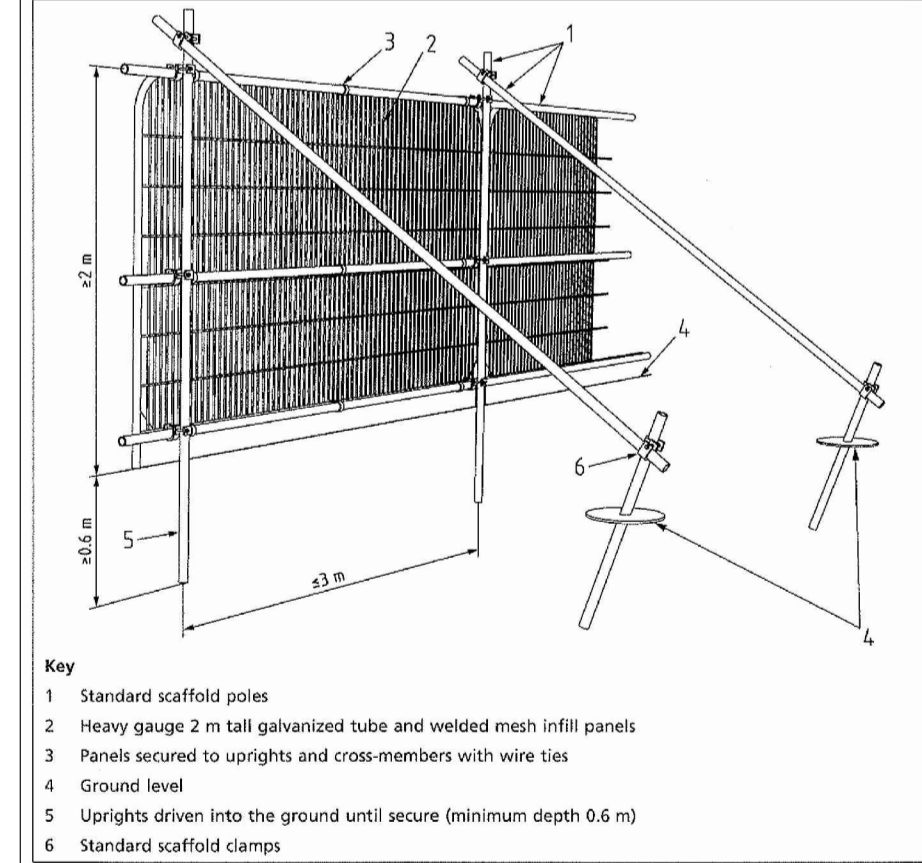
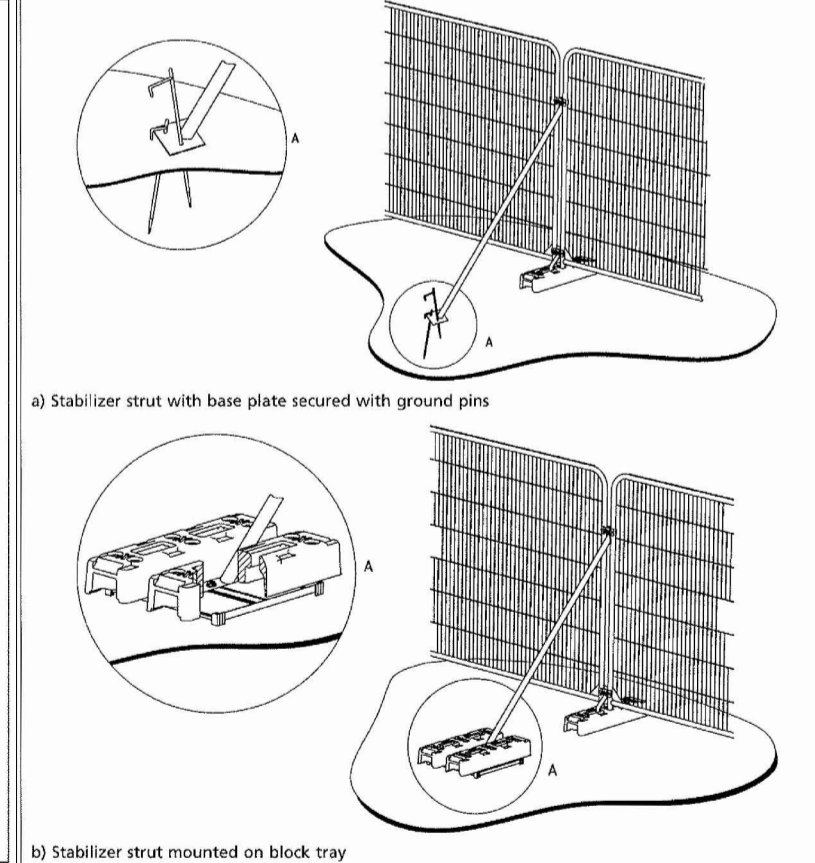
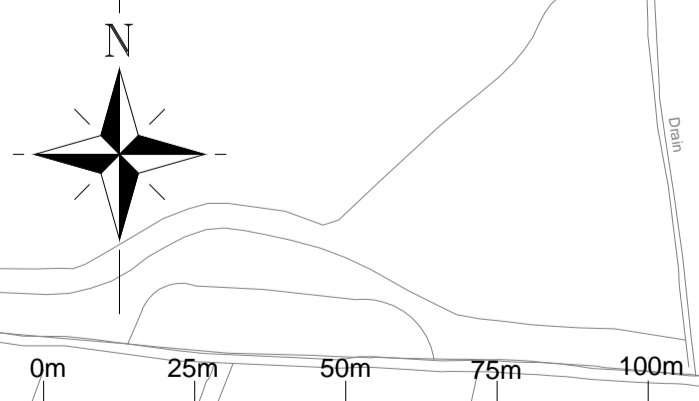
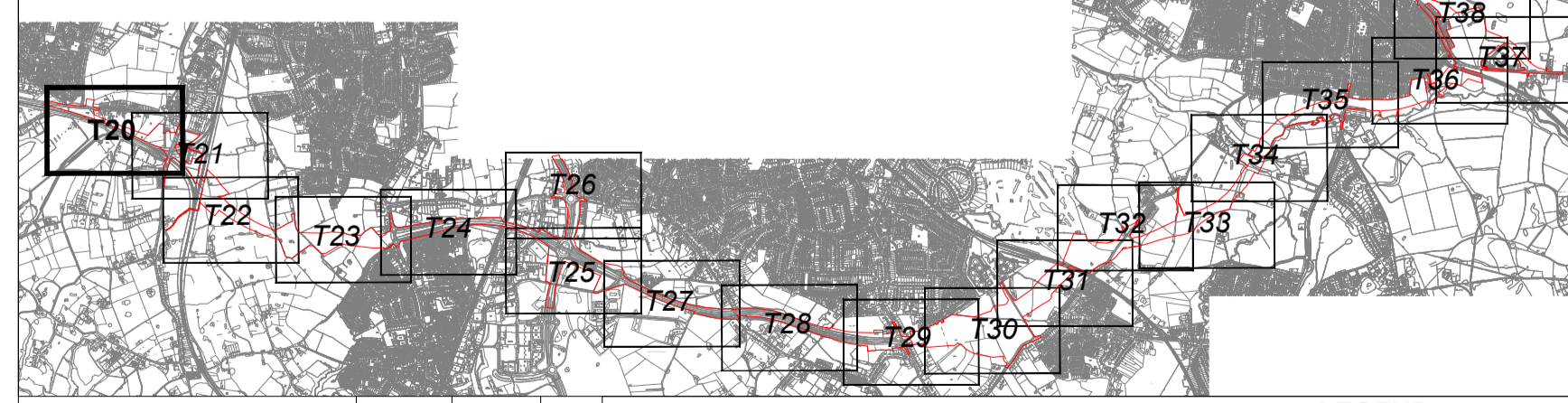


Figure 3 Examples of above-ground stabilizing systems



Location Plan (Scale 1:50,000)



Plans updated with new red line planning boundary	CC/TA	15/10/13	B
Plans updated with new red line planning boundary	CC/TA	23/09/13	A
Revision Details	By	Date	Suffix
Drawing Status	Check		
PLANNING			

LEGEND

- EXISTING RETAINED TREE, GROUP OR HEDGE
- EXISTING TREE, GROUP OR HEDGE TO BE REMOVED. (WHERE TREES ARE SHOWN TO BE REMOVED FALL WITHIN TREE PROTECTION FENCING AREA THESE TREES MAY BE COPICED AT GROUND LEVEL & ROOTS TO REMAIN OTHERWISE UNDISTURBED)
- CONSTRUCTION WORKING AREAS, ARBORICULTURAL METHOD STATEMENT & TARGET NOTE
- PLANNING BOUNDARY
- INDICATES ROOT PROTECTION AREAS - AS DEFINED BY BS 5837:2012
- EXTENT OF GROUPED TREES OR OTHER ARBOREAL FEATURES

Note: Plans to be read in conjunction with URS Tree Survey Report

Job Title
A6 TO MANCHESTER AIRPORT RELIEF ROAD

Drawing Title
TREE PROTECTION PLAN (SHEET 1 OF 19)

Scale at A1	1:1250 (or as shown)		
Drawn	CCC	Approved	AK
Stage 1 check	TA	Originated	PLY LAND
Stage 2 check		Date	09/09/13

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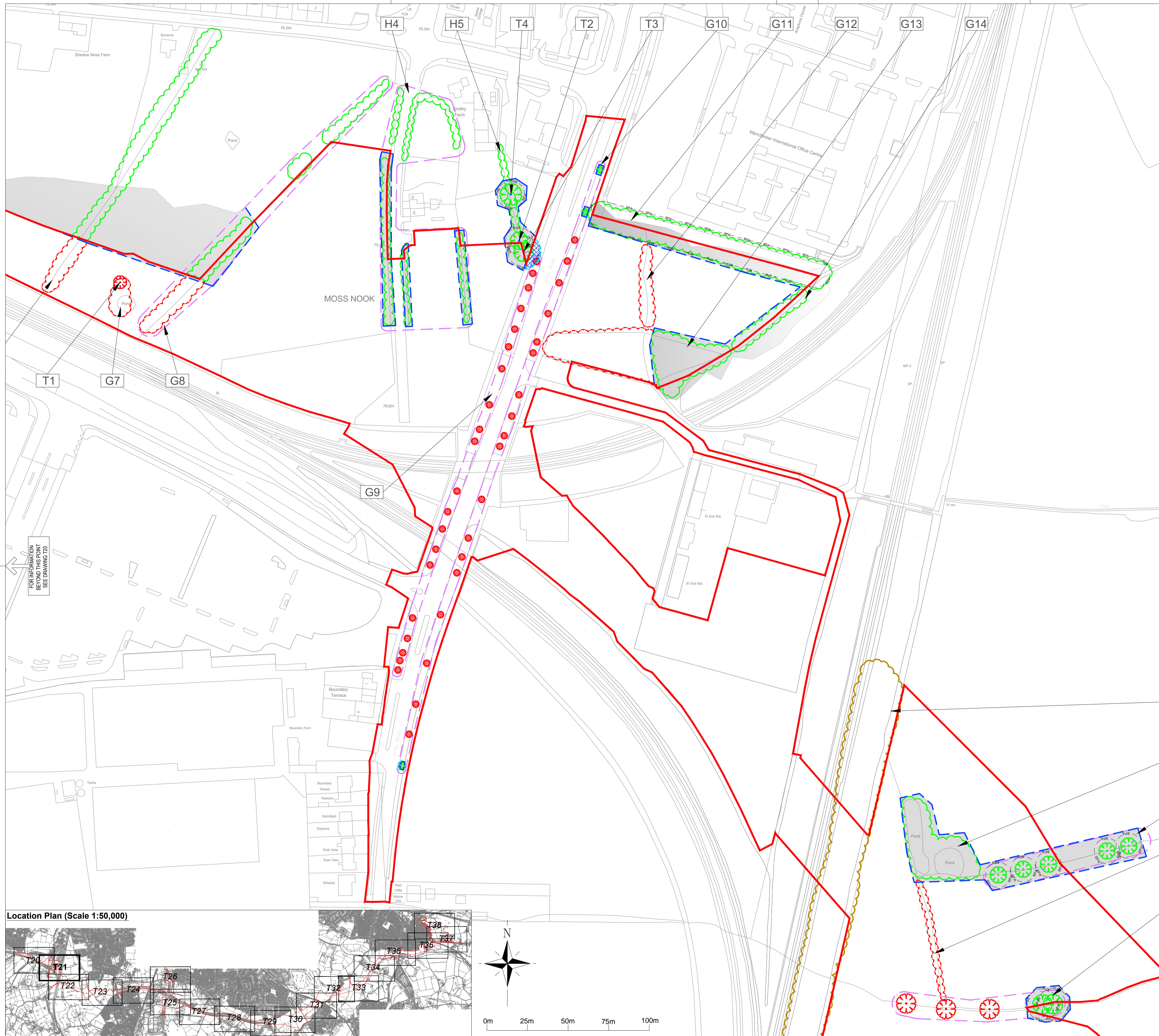
Drawing Number
47064524 - T20

Rev
B

THIS DRAWING MAY BE USED ONLY FOR THE PURPOSE INTENDED AND ONLY WRITTEN DIMENSIONS SHALL BE USED

Plot Date : 47064524 - TREE SURVEY PLAN

DB1H



Tree Protection Fencing Specification

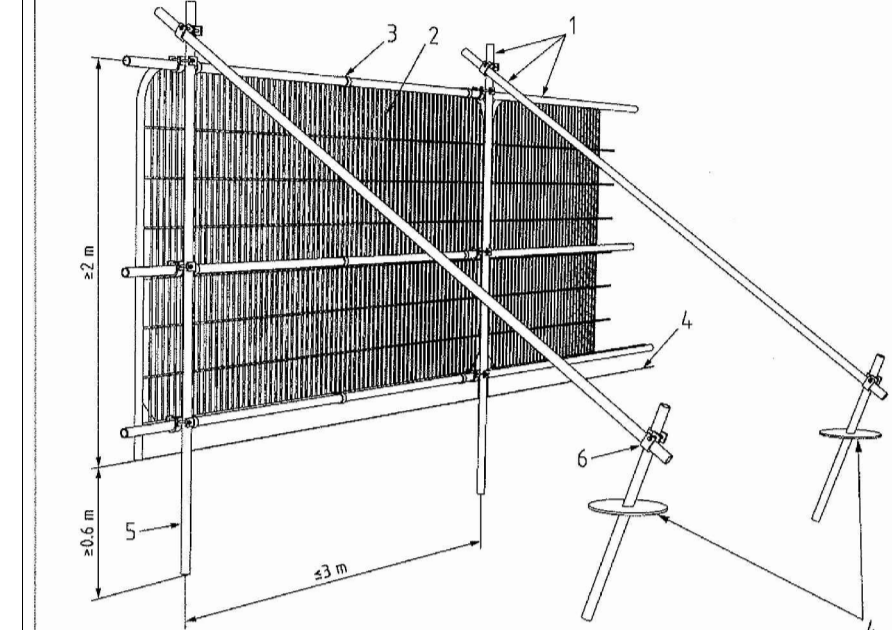
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Note

Tree protection areas identified around existing trees retained. Areas hatched grey represent a 'construction exclusion zone' where tracking of plant, materials storage and other construction activities etc. are excluded for purposes of protecting tree health.

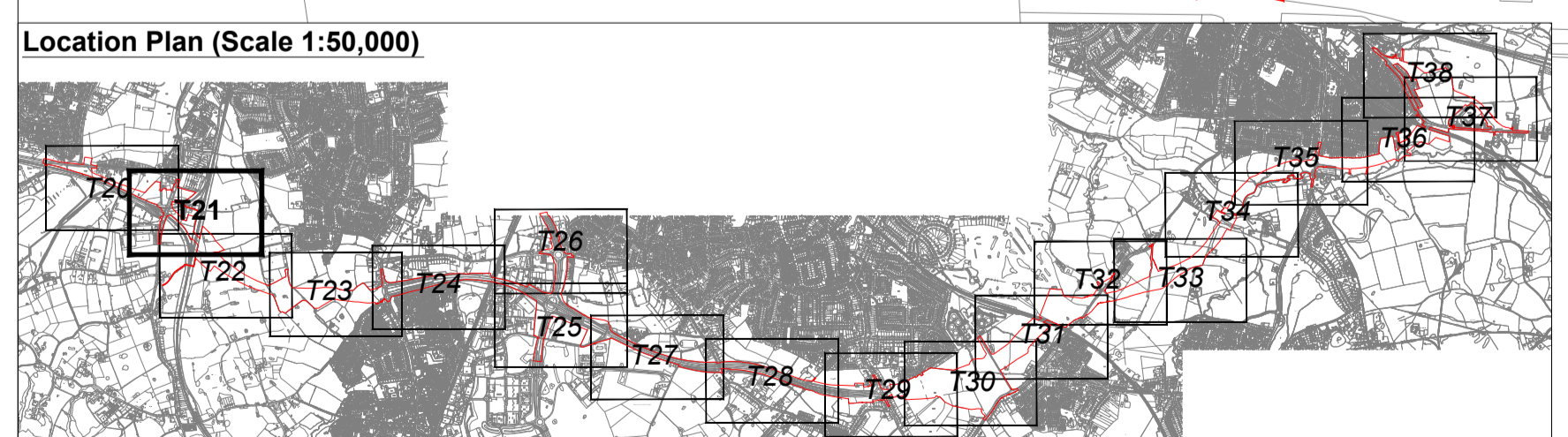
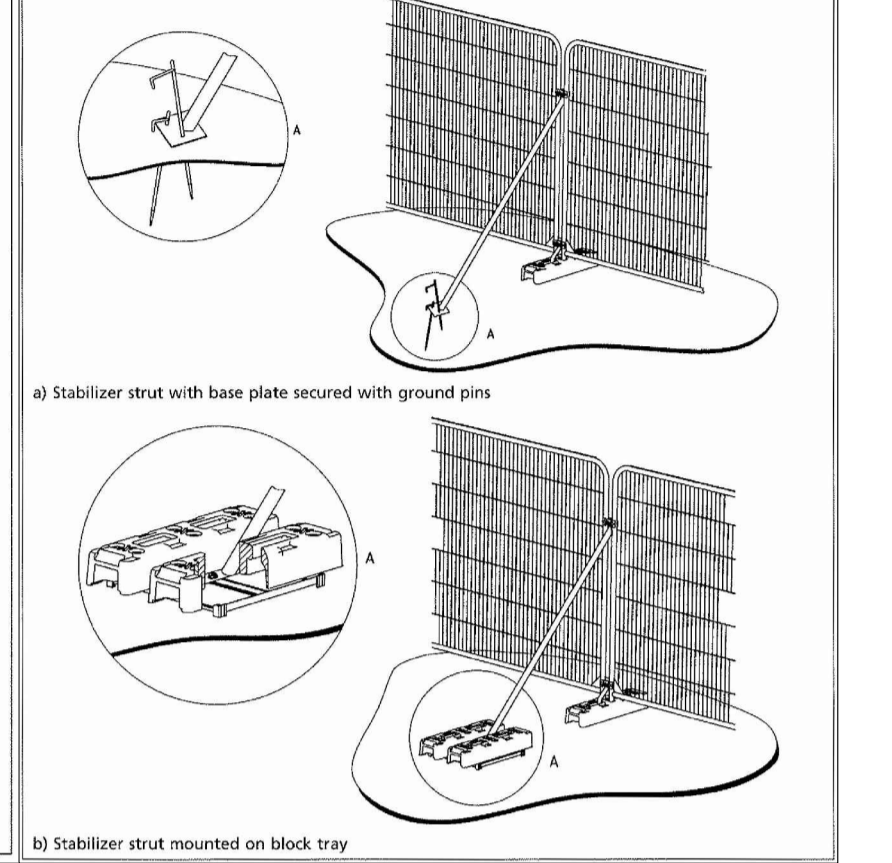
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Figure 2 Default specification for protective barrier



- Key**
- 1 Standard scaffold poles
 - 2 Heavy gauge 2 m tall galvanneal 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

Figure 3 Examples of above-ground stabilizing systems



Plans updated with new red line planning boundary		CC/TA	15/10/13	B
Plans updated with new red line planning boundary		CC/TA	23/09/13	A
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	Check			
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Note: Plans to be read in conjunction with URS Tree Survey Report

Job Title
A6 TO MANCHESTER AIRPORT RELIEF ROAD

Drawing Title
TREE PROTECTION PLAN (SHEET 2 OF 19)

Scale at A1 1:1250 (or as shown)		Approved AK	
Drawn CCC	Stage 1 check TA	Stage 2 check PLY LAND	Date 09/09/13

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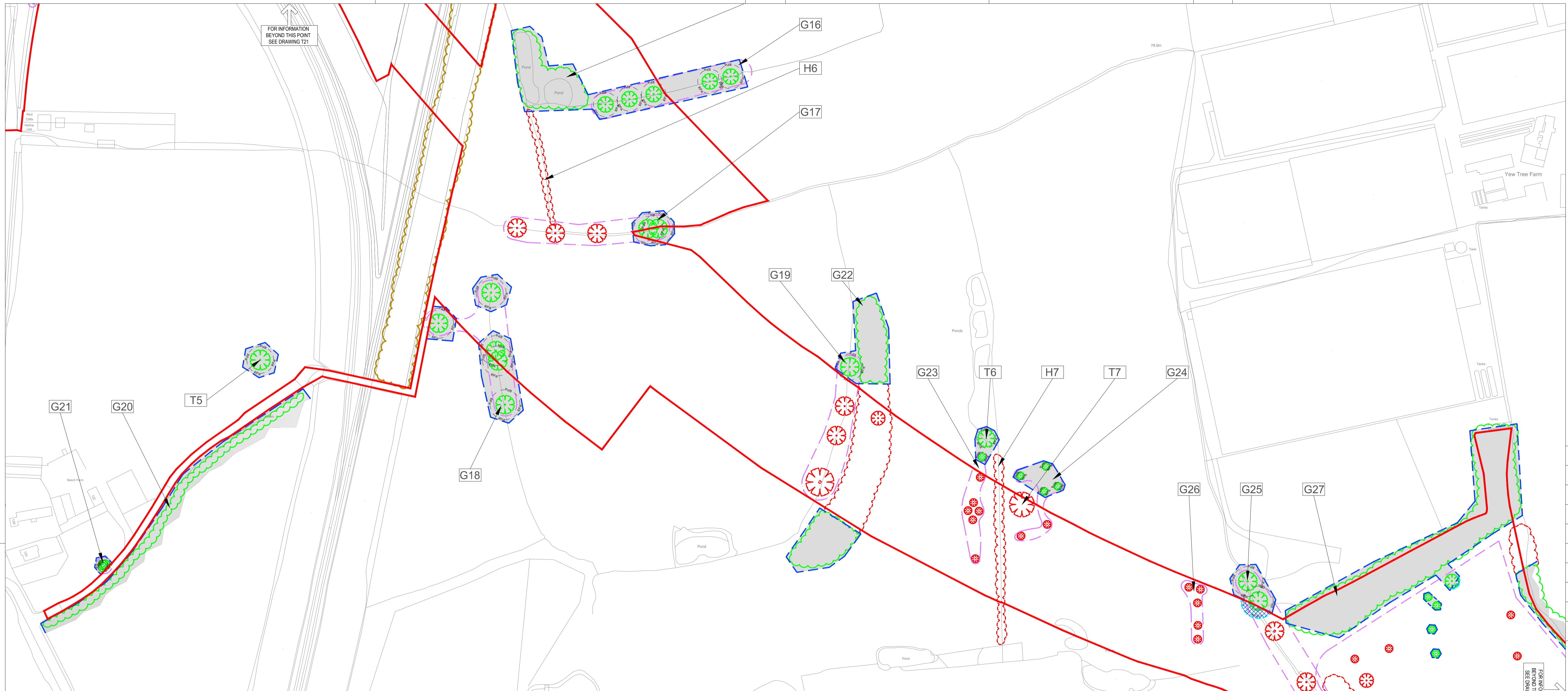
Drawing Number
47064524 - T21

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Plot Date : 47064524 - TREE SURVEY PLAN

DB1H



Tree Protection Fencing Specification

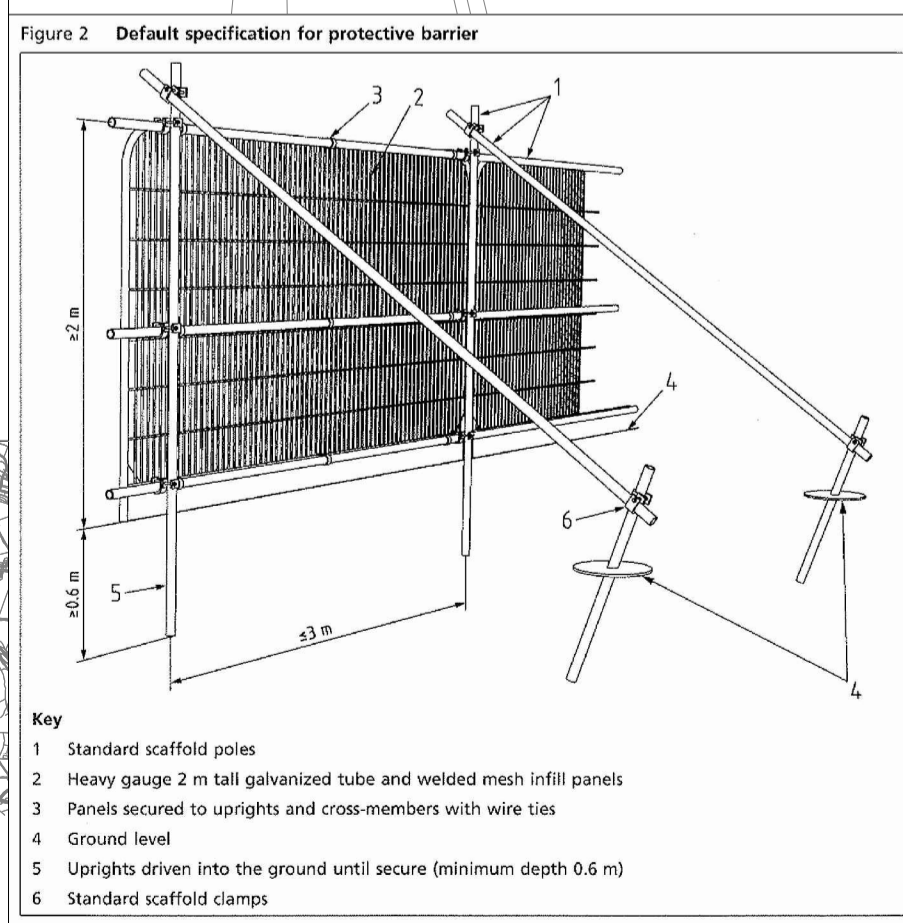
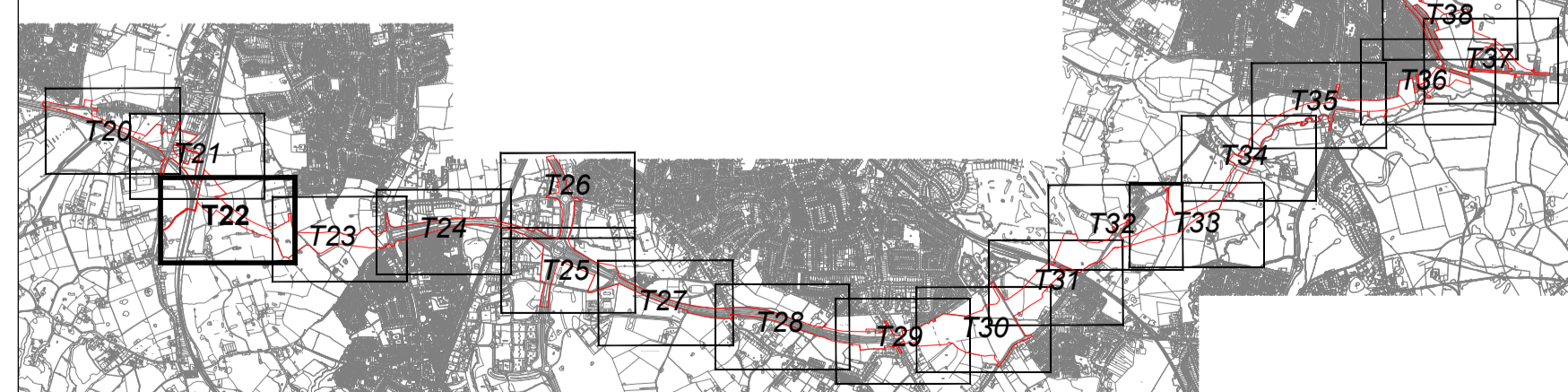
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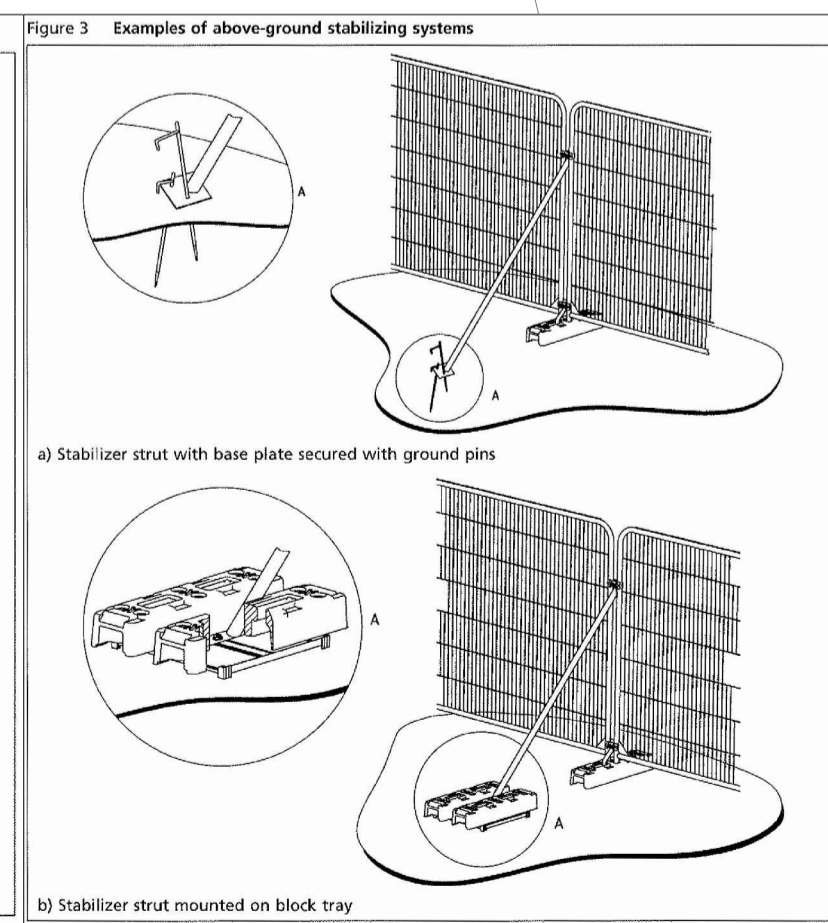
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 - 4 Ground level
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 - 6 Standard scaffold clamps



- a) Stabilizer strut with base plate secured with ground pins**
- b) Stabilizer strut mounted on block tray**

Plans updated with new red line planning boundary	CC/TA	15/10/13	B
Plans updated with new red line planning boundary	CC/TA	23/09/13	A
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Check			
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A6 TO MANCHESTER AIRPORT RELIEF ROAD

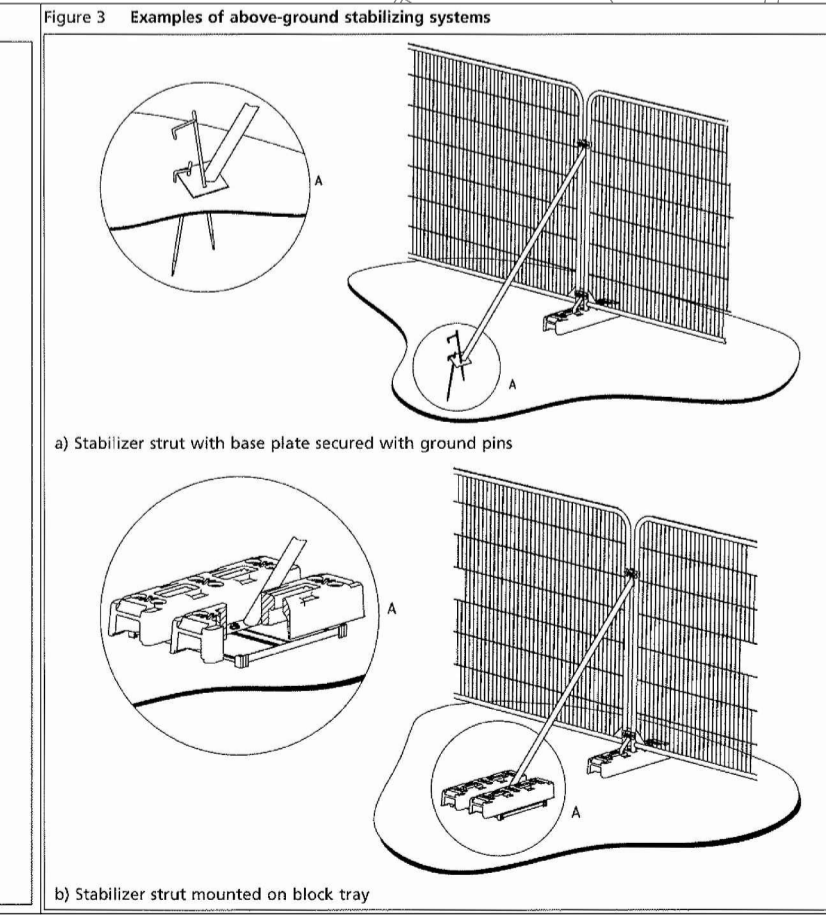
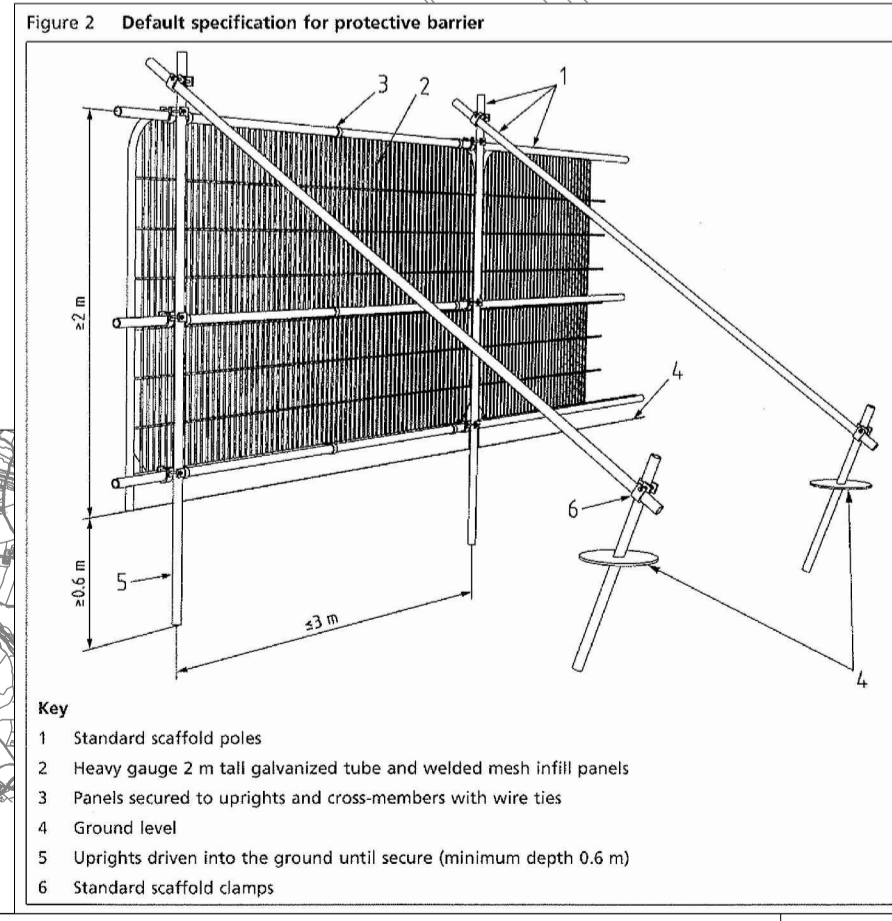
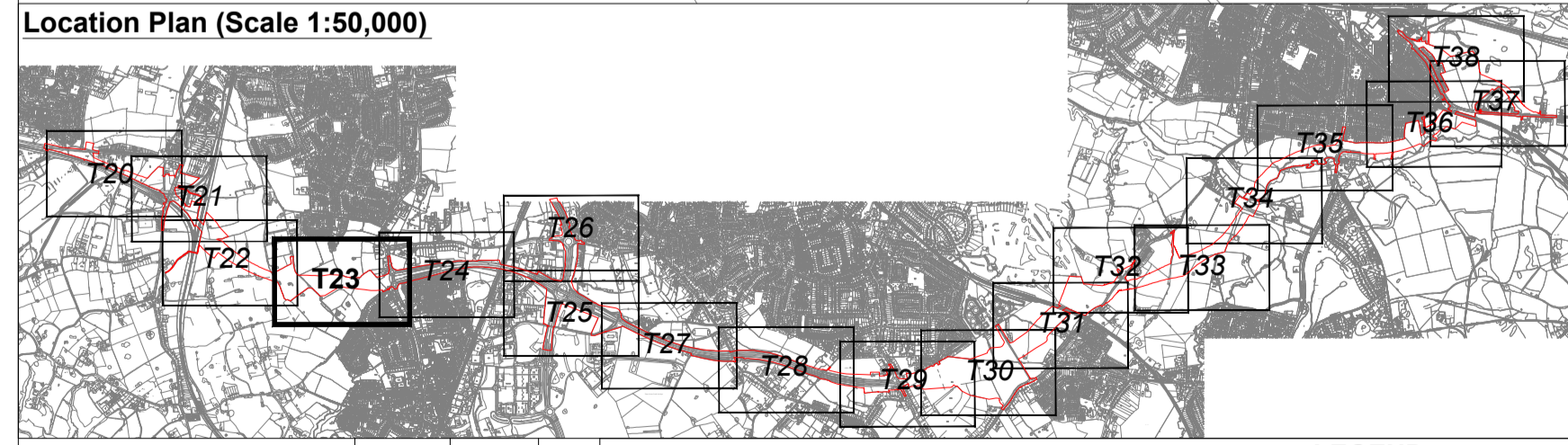
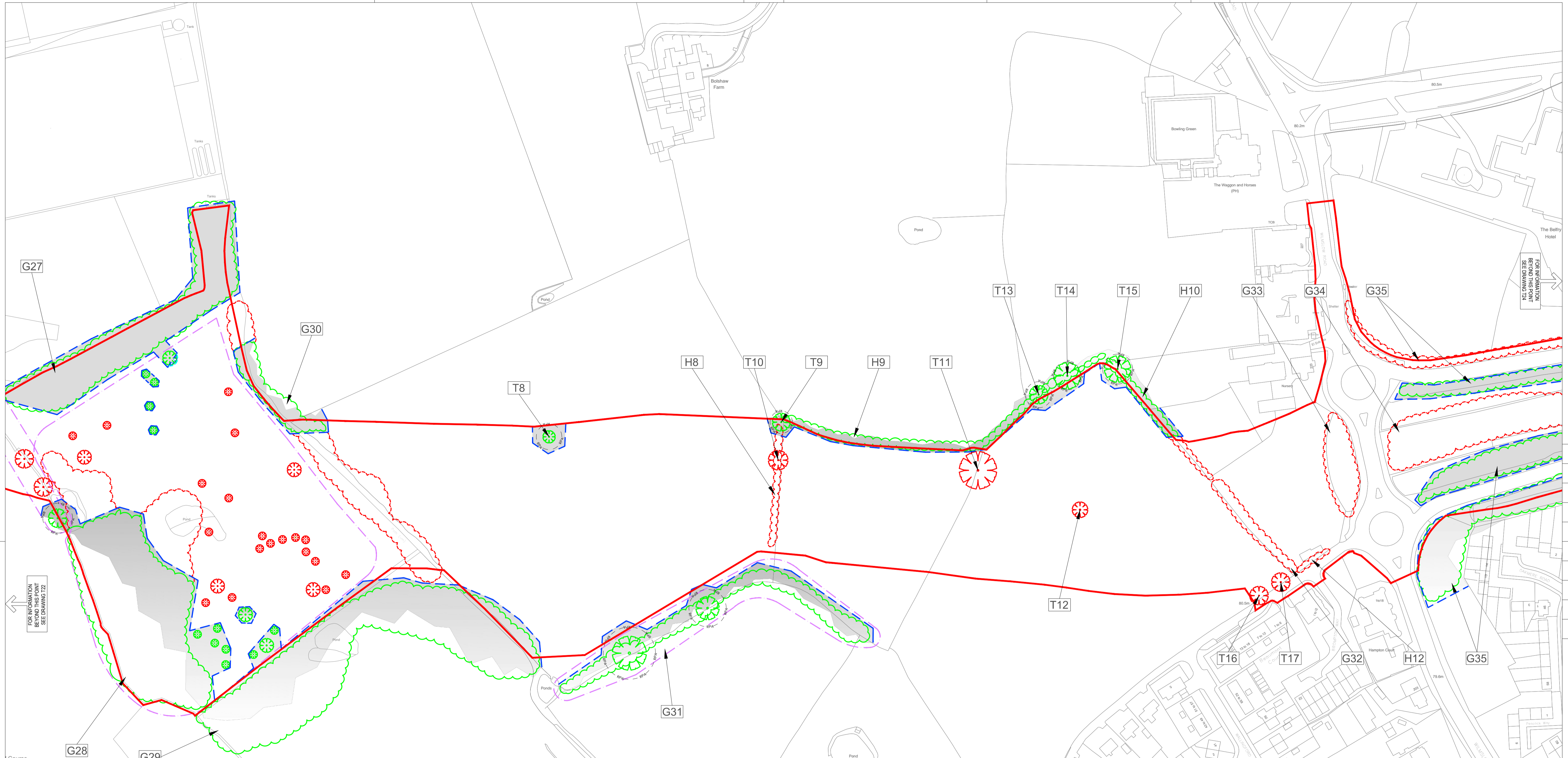
Drawing Title

TREE PROTECTION PLAN (SHEET 3 OF 19)

Scale at A1 1:1250 (or as shown)		Approved AK		URS Infrastructure & Environment UK Limited 4th Floor, Bridgegate House Wharfedale Street Harrogate, Nth Yks Leeds, West Yorkshire LS17 8BQ T +44 (0)113 275500 F +44 (0)113 275505 www.ursi.com	
Drawn CCC	Stage 1 check TA	Stage 2 check PLY LAND	Date 09/09/13	Drawing Number 47064524 - T22	Rev B
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Plot Date : 47064524 - TREE SURVEY PLAN

DB1H



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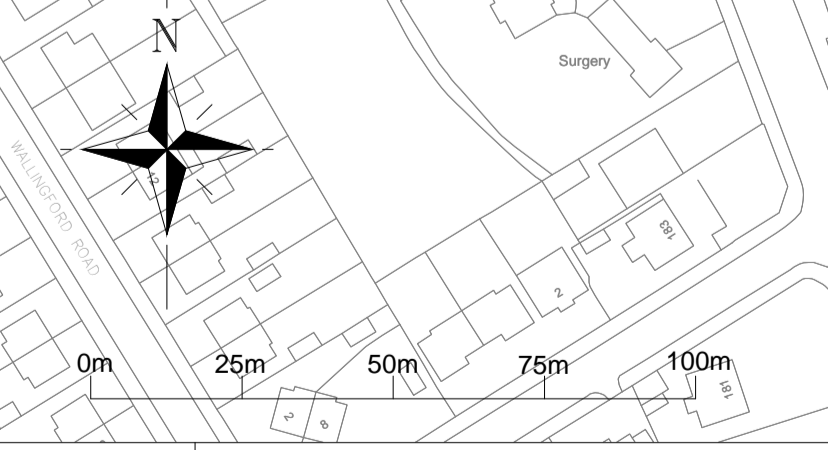
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Check			
PLANNING			

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Job Title: **A6 TO MANCHESTER AIRPORT RELIEF ROAD**

Drawing Title: **TREE PROTECTION PLAN (SHEET 4 OF 19)**

Scale at A1	1:1250 (or as shown)	Approved	AK
Drawn	CCC	Originated	PLY LAND
Stage 1 check	TA	Date	09/09/13
Stage 2 check			

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Drawing Number	47064524 - T23
Rev	B

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