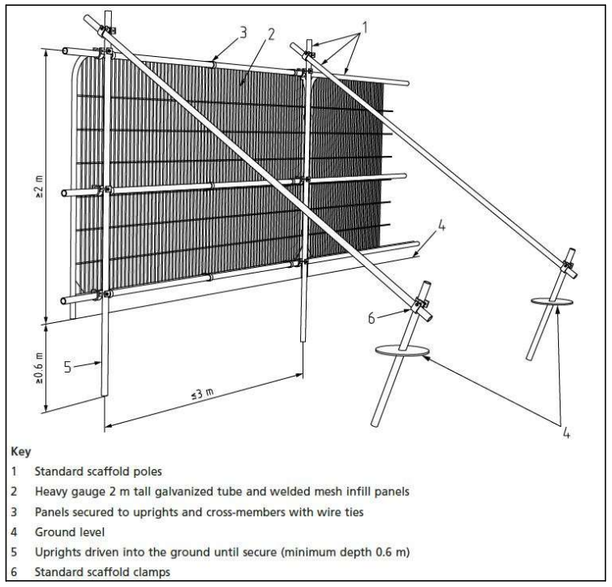
NJUG Report up correct Lingarden Bulbs

Retention Category	No. trees
	8
Total	8

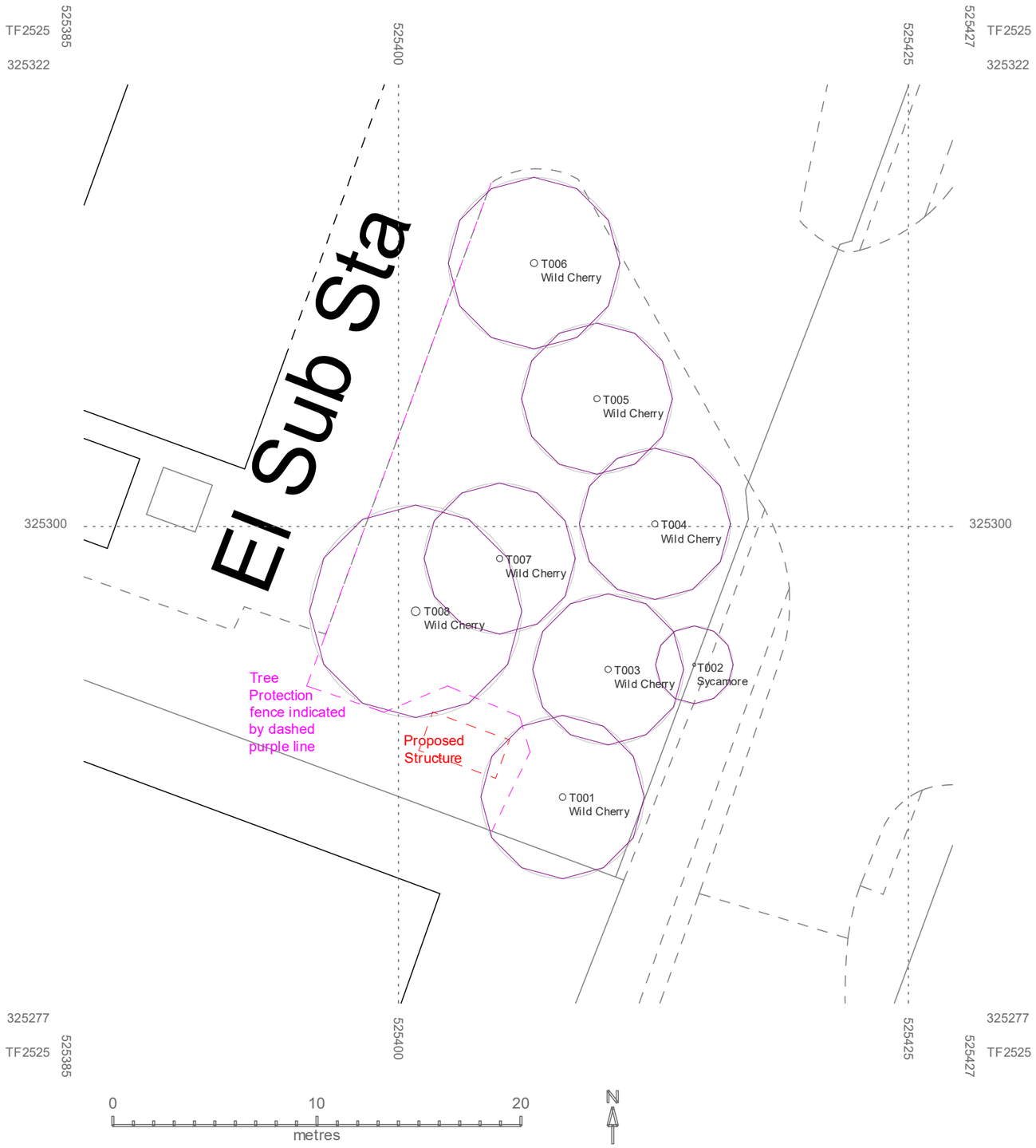
Ken. Controls. 20+ Years 40+ Years Not Recorded	No. trees
	1
	7

Ref.	Species	Full Structure	Measurements	Survey Notes	Retention Category	RPA	Comments	Measurements2	Recommendations
T001	Wild Cherry (Prunus avium)	Tree	Height (m): 8 Stem Diameter (mm): 339 Spread (m): N3.0, E4.4, S4.0, W4.0 Crown Clearance (m): 2 Lowest Branch (m): Life Stage: Early Mature Rem. Control: 40+ Years	Recent canopy lifts to allow for unobstructed mowing	C1	Radius: 4.0m, Area: 50 sq m.	All physiological condition assessments are confirmed by Arborcheck testing on-site.	Other Reference: Physiological Cond: Good Structural Cond: Good Bat Habitat: None	Pre construction localised pruning for clearance to enable installation of the PoA. During construction Protect trees with protective barriers - as shown on plans.
T002	Sycamore (Acer pseudoplatanus)	Tree	Height (m): 10 Stem Diameter (mm): 338, 330, 320, 320 Spread (m): N3.0, E3.0, S3.0, W3.0 Crown Clearance (m): 2 Lowest Branch (m): 1 Life Stage: Early Mature Rem. Control: 20 Years	Self set in fence line Recent canopy lift	C1	Radius: 1.5m, Area: 11 sq m.	All physiological condition assessments are confirmed by Arborcheck testing on-site.	Other Reference: Physiological Cond: Fair Structural Cond: Fair Bat Habitat: None	During construction Protect trees with protective barriers - as shown on plans.
T003	Wild Cherry (Prunus avium)	Tree	Height (m): 8 Stem Diameter (mm): 318 Spread (m): N3.0, E3.0, S3.0, W3.0 Crown Clearance (m): 2 Lowest Branch (m): 1 Life Stage: Early Mature		C1	Radius: 3.7m, Area: 43 sq m.	All physiological condition assessments are confirmed by Arborcheck testing on-site.	Other Reference: Physiological Cond: Good Structural Cond: Good Bat Habitat: None	During construction Protect trees with protective barriers - as shown on plans.
T004	Wild Cherry (Prunus avium)	Tree	Height (m): 8 Stem Diameter (mm): 322 Spread (m): N4.0, E4.0, S3.0, W3.0 Crown Clearance (m): 2 Lowest Branch (m): 2 Life Stage: Early Mature	Canopy lifts	C1	Radius: 3.7m, Area: 43 sq m.	All physiological condition assessments are confirmed by Arborcheck testing on-site.	Other Reference: Physiological Cond: Good Structural Cond: Good Bat Habitat: None	During construction Protect trees with protective barriers - as shown on plans.
T005	Wild Cherry (Prunus avium)	Tree	Height (m): 8 Stem Diameter (mm): 393 Spread (m): N4.0, E3.5, S3.5, W3.5 Crown Clearance (m): 2 Lowest Branch (m): 1 Life Stage: Early Mature		C1	Radius: 3.7m, Area: 43 sq m.	All physiological condition assessments are confirmed by Arborcheck testing on-site.	Other Reference: Physiological Cond: Good Structural Cond: Good Bat Habitat: None	During construction Protect trees with protective barriers - as shown on plans.
T006	Wild Cherry (Prunus avium)	Tree	Height (m): 8 Stem Diameter (mm): 388 Spread (m): N4.0, E3.5, S3.5, W4.0 Crown Clearance (m): 2 Lowest Branch (m): 1 Life Stage: Early Mature		C1	Radius: 4.2m, Area: 55 sq m.	All physiological condition assessments are confirmed by Arborcheck testing on-site.	Other Reference: Physiological Cond: Good Structural Cond: Good Bat Habitat: None	During construction Protect trees with protective barriers - as shown on plans.
T007	Wild Cherry (Prunus avium)	Tree	Height (m): 8 Stem Diameter (mm): 322 Spread (m): N4.0, E4.0, S3.5, W3.5 Crown Clearance (m): 2 Lowest Branch (m): 1 Life Stage: Early Mature	Suppressed canopy	C1	Radius: 3.7m, Area: 43 sq m.	All physiological condition assessments are confirmed by Arborcheck testing on-site.	Other Reference: Physiological Cond: Fair Structural Cond: Good Bat Habitat: None	During construction Protect trees with protective barriers - as shown on plans.
T008	Wild Cherry (Prunus avium)	Tree	Height (m): 8 Stem Diameter (mm): 438 Spread (m): N3.0, E3.5, S3.5, W3.0 Crown Clearance (m): 2 Lowest Branch (m): 1 Life Stage: Early Mature Rem. Control: 40+ Years		C1	Radius: 5.2m, Area: 85 sq m.	All physiological condition assessments are confirmed by Arborcheck testing on-site.	Other Reference: Physiological Cond: Good Structural Cond: Good Bat Habitat: None	Pre construction localised pruning to enable installation of the PoA. During construction Protect trees with protective barriers - as shown on plans.



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

Illustrative tree proetction fencing taken from BS5837:2012, to be installed on dshed purple line.



AIA / Notes

All tree positions have been recorded using GPS with a manufacturers claimed accuracy of 0.2m. Measurements have been obtained using a Nikon forest pro, Tape measures and Sunto clinometer. All Tree "health" assessments are tested with the Arborcheck system to give accurate and repeatable, real time assessments.

The proposed building is positioned just inside the theoretical rooting are of T1 and T8, given the distance from tree centre the likelihood of significant damage to either feeder roots or roots over 25mm in diameter is minimal. A 1m canopy reduction with crown lift will be required on both T1 and T8 in the areas shown to encroach upon the building (position indicated in red dash).

All services must be installed as per NJUG guidelines, as these are defined as statutory undertakings that fall outside of the remit of BS5837:2012.

Tree Protection measures, indicated in the dashed purple line, are to be installed prior to commencement of works, and retained in position until all works are completed.

Client
UP Connect

Site Address
Lingarden Bulbs
Wardentree Park
Pinchbeck
PE11 3ZN

Drawing Ref

Tree Protection Plan

Date
25/07/2023

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