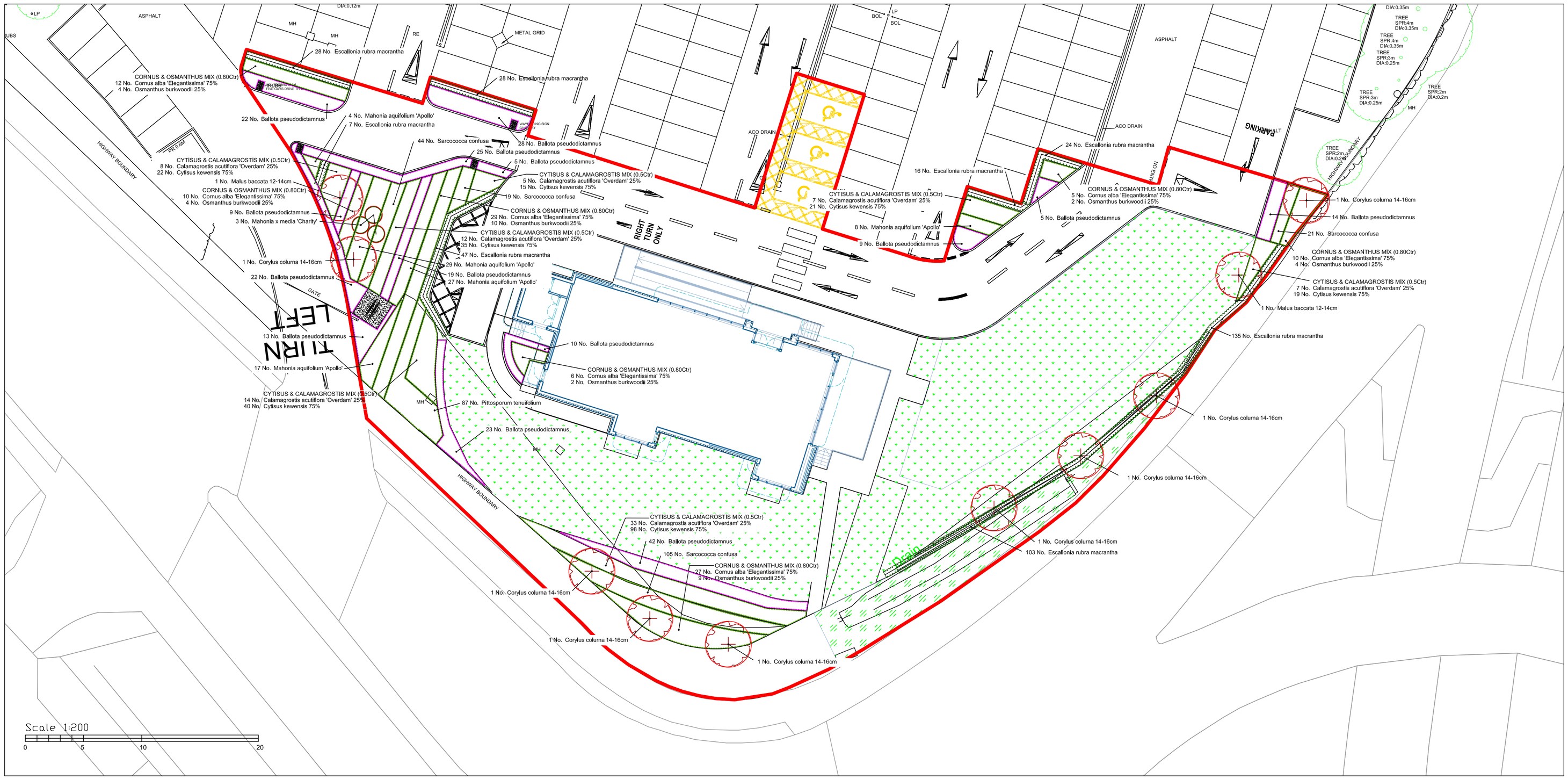

Key

- Site boundary
- Proposed tree
- Existing grass verge and ditch (to be retained)
- Proposed specimen shrub
- Proposed hedge (double staggered row)
- Proposed shrub
- Proposed groundcover
- Proposed grass

PLANTING SPECIFICATION NOTES

General:

1. Before planting the Landscape Contractor is to ascertain the exact location of existing or as-built services and is responsible for ensuring that services are not damaged. If necessary, planting locations may need to be adjusted locally.
2. No plant species, size or location should be altered without prior approval of the Landscape Architect.

Foundations:

3. Foundations must be designed to take into account the potential effect of existing and proposed trees and shrubs, and not be over-sized during construction.

Clearance:

4. All areas of proposed planting/turfing/seeding to be cleared of: building debris, stones, brick and concrete over 50mm in diameter; contamination; and soils unsuitable for landscape purposes. These should be removed from site. All areas affected by construction works are to be relieved of compaction by ripping to a depth of 600mm, except below the canopies or within the underground services exist or where directed/ advised against, by main contractor or engineers.

Topsoil:

5. Existing topsoil to be utilised, where available with imported topsoil to make up any deficit. Imported topsoil shall be in accordance with BS 3882:2015 and of multi-purpose grade, from a local source or similar in type, easily moulded when wet, with a pH equivalent to the soils in the local area, and free of chemical and other pollution, stones of greater size than 65mm, weed seeds, roots of perennial weeds, vegetation (including material from plants prohibited under the Wildlife and Countryside Act 1981) subsoil and other foreign matter. Soil to be free of concentrations of contaminants that would cause a significant risk to human, flora or fauna health and the environment and to be tested and assessed by a competent testing laboratory for its suitability for use.
6. Proposed topsoil depths to be:
   - 450mm for shrub areas and low hedgerows;
   - 380mm for amenity grass areas
   - 450mm for tree pits (over 150mm backfilled sub-soil); Tree pits to be 1.0 x 1.0 x 0.6m deep.

Supply of plants

7. All plants shall be supplied in accordance with the National Plant Specification or as per the planting schedule, by nurseries accredited by the Horticultural Trade Association.
8. All plants are to be grown and supplied within the local provenance to the site or as approved by the Clerk of Works or Project Landscape Architect.
9. Use of peat is not permitted.
10. The Contractor is to provide copies of Plant Passports to the Client, Principal Designer, Clerk of Works and Landscape Architect upon purchase of plants, prior to planting.
11. It is the Contractor's responsibility to ensure all provided plants are pest and disease free, and with plant passports provided (as per above point)

    If the contractor suspects any newly planted trees or any existing trees are contaminated with any notifiable pest or disease, they should report it immediately to https://treealert.forestresearch.gov.uk/ as well as the Client, project Landscape Architect and Main Contractor (if appropriate). **The contractor should not attempt to destroy or move infected material.** For additional information relating to reporting a notifiable pest or disease additional information can be found at the following link: https://www.gov.uk/guidance/report-a-tree-pest-or-disease-overview.

    DEFRA Xylella recommendations can be found at the link below:

    https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/686156/xylella-fastidiosa-impl-trade.pdf

Ground Preparation and Planting:

12. All groundworks and planting operations shall be in accordance with the following British Standards:
    - BS 3936;
    - Part 1 (1992) Nursery Stock - Specification for Trees and Shrubs;
    - Part 10 (1990) Nursery Stock - Specification for Ground Cover Plants;
    - BS 4428 (1989) Code of Practice for General Landscape Operations (excluding Hard Surfaces);
    - BS 3882 (2015) Specification for Topsoil;
    - BS 8545 (2014) Trees: from nursery to independence in the landscape. Recommendations.
13. Effective weed control shall be carried out prior to cultivation. All planting areas to be cultivated to a depth of 300mm
14. Topsoil to be fully cultivated to a depth of 300mm to produce an even tilth, free of stones and debris greater than 50mm diameter.
15. For all areas of planting including trees, except areas of native shrubs, Spread 100mm layer of soil improver with slow release fertiliser (including trace elements) eg Vitax Q4, over all planting areas and cultivate to incorporate thoroughly with topsoil. Soil improver to be spent compost or peat-free tree and shrub compost or similar material, in accordance with PAS 100, to improve organic content of soil.

Timing /Implementation of Works:

16. Planting shall occur within the next planting season after completion of the built development prior to occupation. Bare root stock to be planted in the next appropriate planting season (Nov-March) after completion of the built development. If planting is carried out outside this season, the specification should be changed to container grown plants only.

Recycling and Reusing

17. Where possible the Contractor/Client/Maintenance Company is to use plastic-free or biodegradable products that can be recycled, as long as the life span/functionality of the product is not compromised. Where possible, containerised plants are to be grown in recyclable plant pots, reduced plastic plant pots, or containers that can be re-used. Plant storage crates and pallets used should be either recycled, reused or returned to the plant nursery as part of a recycle scheme. The Contractor/Client/Maintenance Company should seek to recycle as much waste as possible/as appropriate, utilising recycling schemes such as 'Tubex Collection and Recycling Programme' 'Farm XS' and others.
18. Where Arboricultural works are to occur on site e.g felling existing trees and trimming hedgerows, it is acceptable to chip vegetation on site, and use the chippings as bark mulch for areas of native shrub and tree planting or create log piles on site, except for vegetation that is diseased, or when advised not to by the Project Landscape Architect, in this event vegetation is to be disposed of appropriately.

Individual Tree Planting:

19. Tree pits - tree pits to be 1.0 x 1.0 x 0.6m deep, or 300mm larger than root ball, whichever is larger.
20. Prior to planting - All tree leader canes, cane ties and labels must be removed.
21. Advanced Nursery Stock - rootballs of advance nursery stock to be rested on good quality subsoil or approved as-dug ballast and the remaining back fill to be topsoil with soil improver.
22. Compost - Peat-free tree and shrub planting compost by thoroughly incorporating it with topsoil into planting holes at the ratio of 40 litres per tree.
23. Tree Staking - where trees are located in lines, tree stakes to be angled in the same orientation parallel to adjacent roads.

Angled Staking:

24. Double Staking:

    Stakes to be 75mm dia. x 1800mm long set 900mm into the ground at 700mm centres. Tree to be attached to stake with Holdfast Natural Tree Tie 50mm width by Green-tech or similar approved supplier. Tie to be attached to timber stakes at c.550mm above ground level. Tie to be wrapped once around tree and tied and nailed using galvanised nails to the timber stakes.
25. Tree Irrigation Rings - All trees above 10-12cm girth to have 60mm dia. irrigation/aeration system placed around outer edge of rootball and fitted with a non-removable grid to inlet to prevent ingress of litter and debris. Inlet to be flush with finished mulch level. Length of pipework to be appropriate to size of rootball. System such as 'RootRain Urban' by 'GreenBlue Urban' or otherwise approved.
26. Mulch - Surface mulching to individual trees in grass shall be 75mm depth of ornamental bark mulch, 600mm diameter around tree.

Hedgerow Planting

27. Containerised plants to be planted in pits approximately 150mm greater in diameter than the size of root ball. Bare root plants are to be notch planted. Roots of bare root plants shall be spread out to their natural position and cut back to remove any minor damage to roots and shoots. Backfill material shall be trodden down firmly to remove any air pockets around the root system
28. All hedgerows are to be top cut, to achieve a consistent level height,
    - For hedgerows 60-80cm height at the time of planting, cut to 60cm height.
29. Where located adjacent to kerb/edges, hedgerows are to be planted no closer than 400mm to the kerb
30. Mulch - surface mulching to all plant beds shall be 75mm depth of ornamental bark mulch.

Shrubs/Herbaceous Planting

31. Shrubs and herbaceous plants to be planted in pits approximately 150mm greater in diameter than the size of root ball.
32. Where located adjacent to kerb/edges, shrubs and herbaceous plants are to be planted no closer than 300mm to the kerb
33. Where plants are to be planted as part of a mix, plants are to be grouped by species in numbers of 3-6 plants.
34. Plants are to be positioned/set out in a staggered formation, straight/grid rows of plants are to be avoided.
35. Mulch - surface mulching to all plant beds shall be 75mm depth of ornamental bark mulch.

Grass

36. Seed mixes are to be sown at suppliers recommended sowing rates.
37. Turfing is to be laid, and seed mixes are to be sown, anto prepared topsoil.
38. Amenity grass seed mix to be 'PM120 Slowgrowth mix by DLF UK or similar approved
39. Turf to be grown, laid and maintained in accordance with the Turfgrass Growers Association Recommendations.

Grass Cutting

40. Short grass amenity areas - cut to a height of 38mm 14 times during the growing season, as appropriate for weather conditions

Mulching

41. All plant material to be well watered prior to planting and again immediately after planting, prior to the spreading of bark mulch, to ensure the soil is saturated to full planting depth.

    Spread bark mulch over planted areas, ensuring plants are not buried by the mulch. Place upturned pot over Herbaceous plants during mulching operations and remove once mulching complete. Mulch to be a medium softwood bark mulch of no greater than 65mm in any direction and composted for a minimum of 6 months.
42. Finished level of mulch: 30 mm below adjacent grassed or paved areas.

Defects Liability:

43. Any trees/shrubs/plants which are dead, dying or otherwise defective 12 months after practical completion or six weeks after the second leafing out of plant material, whichever is the later, must be replaced. Plants are to be replaced with the same size and species to that originally specified unless otherwise instructed.
44. The Defects Liability period for soft works will commence upon the issue of a Certificate of Practical Completion and will last for twelve months, as above.
45. At the end of this period the Landscape Architect will prepare a schedule of any defects arising, which the Contractor shall make good at his own expense.

Establishment Maintenance:

46. Establishment period to be at least one year for shrub, herbaceous and standard tree planting and at least two years for advanced tree stock. The following maintenance operations to be undertaken during the establishment period:
    - remove and replace all dead, dying or diseased plants
    - keep all beds clear of weeds and litter
    - prune plants to remove dead, dying and diseased wood and to promote healthy growth, but maintain a natural shape
    - regularly check condition of stakes, guys, ties and guards, adjusting and replacing as necessary
    - ensure sufficient water is applied to maintain healthy growth. Trees may need to be watered once a fortnight during dry periods
    - re-firm loose trees and shrubs as necessary
    - top-up mulch as required and clear any mulch spread/blown onto paving or grass areas
    - leave winter seed-heads for seasonal effect and wildlife

Long Term Management:`

41. Establish arrangement for long term management of planting, to be as for establishment and also include:
    - watering during droughts, if necessary to maintain life of plants
    - pruning, thinning and replacement of shrubs only where necessary, but maintaining natural form (1 visit per year)
    - thinning and/or replacement of herbaceous plants (once every two years) - allow self seeded perennials to fill gaps
    - ornamental hedge cutting - 2 - 4 cuts per year
    - native hedge cutting - 2 cuts per year, avoiding bird nesting season)
    - tree works as required (inspect safety of all trees every two years)

Planting schedule

Trees

Species	Girth	Height	Specification	Density
Corylus colurna	14-16cm	425-600cm	Ex Heavy Std :RB	Counted
Malus baccata	12-14cm	350-425cm	Heavy Std :RB	Counted

Hedge

Species	Height	Specification	Pot Size	Density
Escallonia rubra macrantha	60-80cm	C	5L	3/m

Shrubs

Species	Height	Specification	Pot Size	Density
Mahonia aquifolium 'Apollo'	30-40cm	C	2L	0.7Ctr
Mahonia x media 'Charity'	60-80cm	C	10L	Counted
Pittosporum tenuifolium	25-40cm	C	3L	0.5Ctr
Sarcococca confusa	20-30cm	C	2L	0.5Ctr

Groundcover

Species	Specification	Pot Size	Density
Ballota pseudodictamnus	C	2L	0.7Ctr

CORNUS & OSMANTHUS MIX (0.80Ctr)

Species	Height	Specification	Pot Size	Density	Mix %
Cornus alba 'Elegantissima'	40-60cm	C	2L	0.8Ctr	75%
Osmanthus burkwoodii	30-40cm	C	3L	0.8Ctr	25%
					Total :100%

CYTISUS & CALAMAGROSTIS MIX (0.5Ctr)

Species	Height	Specification	Pot Size	Density	Mix %
Calamagrostis acutiflora 'Overdam'		C	2L	0.5Ctr	25%
Cytisus kewensis	40-60cm	C	2L	0.5Ctr	75%
					Total :100%

Description	Revision	By	Date
Enter revision description	A	ZZ	08.01.2025

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Project
L20407 Five Guys, Winnersh

Drawing
Planting Plan

Status
PLANNING

Bedford	01234 261315 ☐
Woodbridge	01394 380509 ☐
London	020 7252 0002 ☒
Norwich	01603 230777 ☐
Job No.	L20407
Dwg. No.	402A
Scale	1:200@A1
Drawn	ZZ
Checked	SM
Date	08-11-2024

Do not scale off drawing. All dimensions & Levels are to be checked on site. Any discrepancies must be reported to the landscape architect immediately.
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