















PROTECTION OF EXISTING VEGETATION

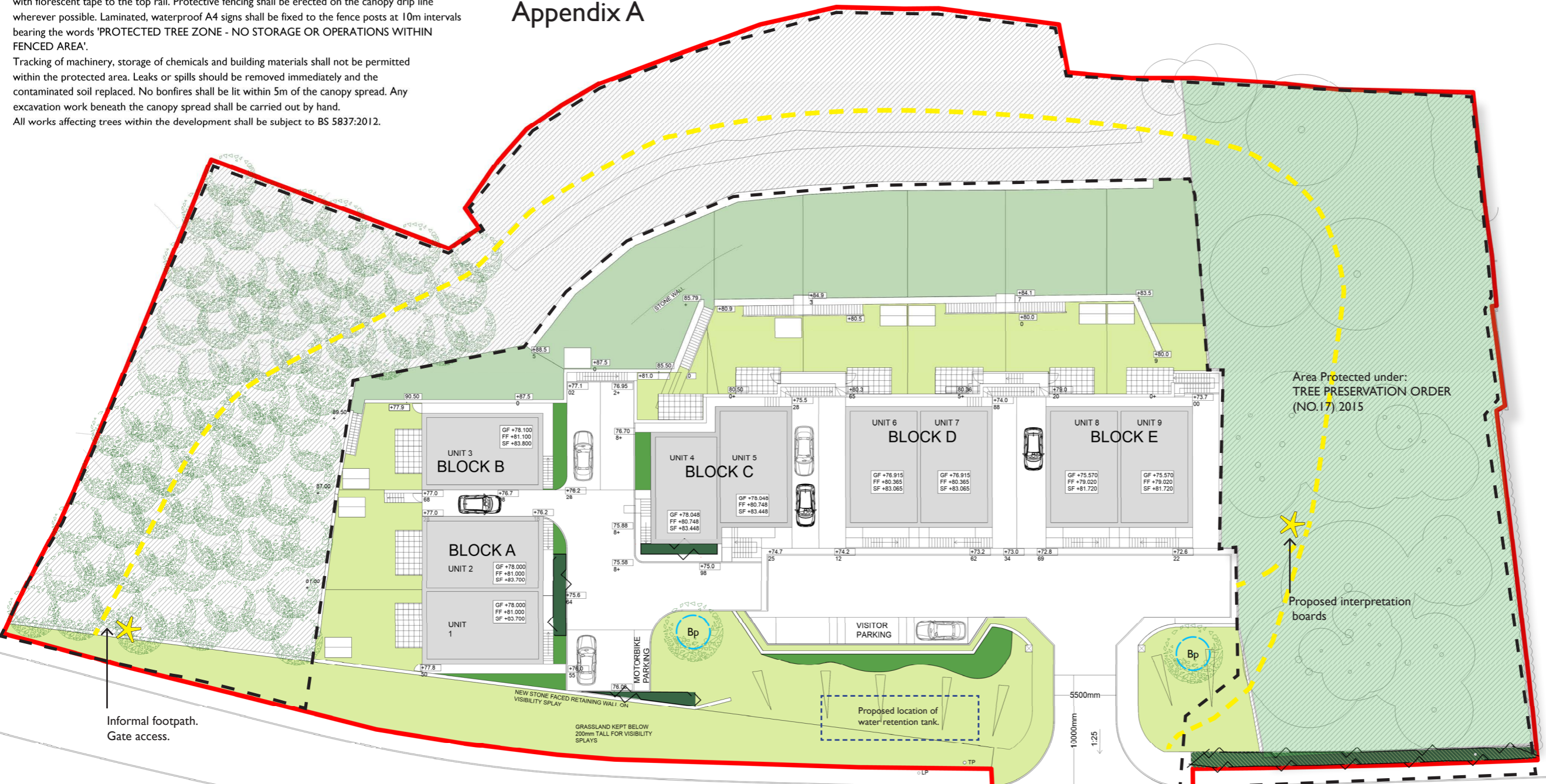
Existing vegetation (indicated Biodiversity Corridor) to be retained on site shall be protected where necessary during works by 2300mm high mesh panel fencing secured to a scaffold tubing framework with fluorescent tape to the top rail. Protective fencing shall be erected on the canopy drip line wherever possible. Laminated, waterproof A4 signs shall be fixed to the fence posts at 10m intervals bearing the words 'PROTECTED TREE ZONE - NO STORAGE OR OPERATIONS WITHIN FENCED AREA'.

Tracking of machinery, storage of chemicals and building materials shall not be permitted within the protected area. Leaks or spills should be removed immediately and the contaminated soil replaced. No bonfires shall be lit within 5m of the canopy spread. Any excavation work beneath the canopy spread shall be carried out by hand. All works affecting trees within the development shall be subject to BS 5837:2012.

Appendix A

Key

-  Site Boundary
-  Proposed Buildings
-  Seeded lawns
-  Amenity lawns (turfed)
-  Enhanced bio-diversity corridor
Vegetation protection area.
-  Planting
-  Gate
-  Existing Tree
-  Proposed area of broadleaved tree and shrub mix planting at 3m centres. Approx 100 trees over 900m2.
-  Proposed heavy standard (12-14 girth) container grown tree with 1.5m dia mulch area. Proposed Silver Birch *Betula Pendula*
-  Proposed hawthorn hedge. To be planted in two, staggered rows at a density of not less than 5 per meter, with approximately 450mm between plants in the same row, and 300-400mm between rows. The interplant whips/transplants should be planted within this pattern in groups of 2/3. To be planted into 450mm good quality fibrous topsoil incorporating organic compost and slow release fertiliser in accordance with all good horticultural practice. Planting to include bio-degradable tree shelters or spiral guards. Finished shall be lightly forked over and dressed with 50mm coarse forest bark mulch. See LMP for further details.
-  Proposed formal beech hedge to be planted in two, staggered rows at a density of not less than 5 per meter, with approximately 450mm between plants in the same row, and 200-400mm between rows. The interplant whips/transplants should be planted within this pattern in groups of 2/3. To be planted into 450mm good quality fibrous topsoil incorporating organic compost and slow release fertiliser in accordance with all good horticultural practice. Planting to include biodegradable shelters, spiral guards. Finished shall be lightly forked over and dressed with 50mm coarse forest bark mulch. See LMP for further details.
-  Proposed informal gravel footpath. No dig installation. Tanalised timber edge boards, notch cut to form curves. Steps to be constructed using timber formers. Sub base 100 mm MOT Type 1, surface finish self binding gravel, 10mm - dust laid to depth of 75mm compacted to min 50mm depth.
-  Proposed interpretation boards.



TREE PLANTING

Extensive planting of standard and light standard trees (rootball/container grown) at 3m centres (to allow good site accessibility for proposed footpath and maintenance access) throughout the western edge of the Biodiversity Corridor will create an enhanced structure to the site and an extensive extension to the existing canopy on maturity, breaking up the building line from outside the site and creating a strong green edge to the development. Planting of 2no heavy standard trees to the front (southern boundary) of the development will give early structure and maturity to the scheme, soften the building line, add continuity from the existing trees to the east and proposed on the west, without screening the development from the existing open views and open nature of the site. Light tree planting is also necessary as the water retention tank is located on southern boundary as indicated.

Broadleaved tree and shrub mix: (proposed to increase habitat diversity)
Species to include the following: Common Oak (20%), Green Beech (10%), Common Alder (10%), Hornbeam (10%), Silver Birch (10%), Rowan (10%), Field Maple (10%) and 20% shrubs to include Goat Willow, Hazel, Guelder Rose, Holly and Hawthorn.

All trees to have clear stems to 1.8m above ground level with well developed branching heads with a single, central leader and healthy, fibrous root systems. Trees shall be planted into pits of an appropriate size to accommodate the root system without restriction, backfilled with a 3:1 topsoil:compost mix and shall be secured to a machine rounded stake using 1 no. Green tech bio-degradable tree tie and tree shelter. Finished height of stake shall not exceed 1/3 height of staked tree above ground. These will be removed at appropriate time - see Landscape Management Plan (GLD/436/LMP) for further details.

Where proposed trees are located in turf a 1.5m dia area of bark mulch will be installed. Maintain 300mm wide weed-free area around each plant for first two seasons Refix any loose tube or tree stakes and ties. Remove tree stakes / ties after 2 years Annually review and undertake crown pruning of young trees by removing dead branches and reducing selected side branches, ensuring development of a single strong leader. Pruning should be carried out in accordance with BS 7370-4.

TURF

Turfing operations shall be in accordance with BS.4428:1989, Code of practice landscape operations. Whole sods shall be laid around the perimeter of the area to be turfed. The central area shall be laid in rows with staggered joints, well butted together, working from planks positioned on sods already laid. The turf shall be watered on completion. Any unevenness shall be made good by lifting the turf and adjusting the levels. Should shrinkage occur, fine topsoil shall be brushed into the joints.

GRASS SEED

Grass seed shall be sown in April during calm weather and not when the ground is frost bound or waterlogged. Seed shall be sown in two equal sowings in transverse directions at 35 g/m2. After sowing the contractor shall lightly rake the seed into intimate contact with the soil. Initial cut. When newly seeded and turfed areas reach 50mm they should be lightly rolled and cut to a height of 30mm. All arisings shall be removed. Any bare patches shall be made good at this time. Subsequent cuts. Grass areas shall be cut ensuring that the sward height does not exceed 75mm and that the presence of flowering weed species is avoided. The height of cut shall be 30mm. Following cutting, all grass clippings and other debris shall be swept from adjacent hard standing areas and removed from site to an authorised tip, or dispersed over the plot

ORNAMENTAL SHRUB PLANTING

A mix of evergreen and deciduous shrubs and grasses will be planted in the planting beds as indicated to soften the hard landscaping and give structure, form and colour to the core of the scheme. The planting has been selected to be low maintenance, offer all year round interest and form, whilst referencing the rural location. Medium/low mixes will be planted into borders and around parking areas. All borders to be mulched with an approved bark mulch.

- Planting list:
Stipa gigantea
Euphorbia characias 'Portuguese Velvet'
Verbena rigida
Eryngium × tripartitum
Verbena bonariensis
Geranium Rozanne 'Gerwat'

PUDSEY ROAD

SCALE @ 1:200:A1

GENERAL NOTES:

1. Do not scale from this drawing.
2. All levels, dimensions & setting out to be checked & agreed on site.
3. All dimensions are in millimetres unless otherwise stated.
4. This drawing must be read in conjunction with the relevant specification clauses & detailed drawings.
5. This drawing is copyright protected & may not be reproduced in whole or part without written authority.

REVISION	DATE	DESCRIPTION	DRAWN BY	APPRVD BY
C	200604	Amendment to footpath	AR	AR
B	200427	Amended specs/RPA	AR	AR
-	200323	Amended planting	AR	AR
-	190810	First issue	AR	AR

FOR PLANNING

PUDSEY ROAD, LEEDS
PROJECT

SOFTWORKS PLAN
DRAWING NAME

1:200 @ A1 SCALE August 2019 DATE

436_400 DRAWING NO. **C** REVISION

AR DRAWN BY AR CHECKED BY AR APPROVED BY