Rev	Description	Date	By/Chk
A	Amended to Client comments.	10/02/16	LP/VR
B	Amended to Client comments. Issue for Planning.	15/02/16	LP/VR

NOTES -
This drawing has been prepared for planning purposes.

All proposed trees to be supported with single tree stake and ties or underground guying system as set out in BS 8545 2014 Trees from nursery to independence in the Landscape. All trees planting to provide a root watering system and free drainage from tree pit.

All planting and nursery stock to meet current British Standards for planting.

The structural stability of the existing/proposed walls and structures should be verified by a structural engineer.

All services to be coordinated by an engineer at detail design stage to ensure that no services are routed under planted areas.

Detailed design of on site levels and drainage to be prepared by a qualified engineer.

External lighting to be inward facing and kept to a minimum to allow safe access from car park to buildings.

All proposals to be used by the B1 nursery should be approved by operator for suitability of use prior to installation.

2 No. Acer campestre

Double staggered native hedge mix -
18 No. Acer campestre 10%
18 No. Viburnum opulus 10%
35 No. Crataegus monogyna 20%
26 No. Fagus sylvatica 15%
26 No. Prunus spinosa 15%
26 No. Sambucus nigra 15%
18 No. Cornus sanguinea 10%
9 No. Quercus robur 5%
with climber underplanting at 2m ctr
13 No. Lonicera periclymenum 50%
13 No. Rosa canina 50%

Existing paddock retained and re-seeded where necessary

3 No. Olearia haastii
3 No. Rosmarinus officinalis
7 No. Euonymus fortunei 'Silver Queen'
6 No. Prunus laurocerasus 'Otto Luyken'
7 No. Lavandula angustifolia 'Hidcote'
underplanted with
7 No. Geranium macrorrhizum

New 1.4m brick wall with brick on edge coping to tie-in and match existing wall brick work, end pier to match entrance

Existing grass and vegetated verge

Bin store area with timber panel surrounds

Existing 1.4m brick wall retained and made good as necessary

Existing brick wall partially removed to facilitate entrance width, new brick pier to match the existing wall on the other side of the entrance. Any damage to the existing brick wall to be made good as necessary.

Existing 1.4m brick wall retained and made good as necessary

Existing brick wall retained and made good as necessary

Open Countryside

1 No. Prunus avium
15 No. Prunus laurocerasus 'Otto Luyken'

5 No. Hypericum 'Hidcote'
6 No. Prunus laurocerasus 'Otto Luyken'
2 No. Betula pendula
5 No. Viburnum davidii

4 No. Rosmarinus officinalis
4 No. Olearia haastii
11 No. Lavandula angustifolia 'Hidcote'
underplanted with
11 No. Geranium macrorrhizum

4 No. Prunus laurocerasus 'Otto Luyken'
7 No. Euonymus fortunei 'Emerald Gaiety'
5 No. Sarcococca confusa
6 No. Prunus laurocerasus 'Otto Luyken'
5 No. Hypericum 'Hidcote'

Location for future gate

Proposed double thickness 2m high brick wall with brick on edge coping to engineer's detail, brick to match nursery building.

500mm high timber planters with timber trellis against fence

5 No. Lavandula angustifolia 'Hidcote' planted with climbers to back of bed
5 No. Clematis armandii

5 No. Geranium macrorrhizum planted with climbers to back of bed
5 No. Clematis montana rubens

Neighbouring property and out buildings

Proposed Nursery Playground

Existing listed brick wall retained in part and made good as necessary

Cycle stand for 10no. cycles

5 No. Lavandula angustifolia 'Hidcote' planted with climbers to back of bed
5 No. Clematis armandii

5 No. Geranium macrorrhizum planted with climbers to back of bed
5 No. Clematis montana rubens

Existing Building

Canopy Overhang

Existing Building

Proposed Nursery

Existing car park retained

Existing brick wall retained and made good as necessary

JOEL STREET

+61.50ex
+61.87ex
+61.93ex
+61.30ex
+61.40ex
+61.62ex
+61.80ex
+61.62ex
61.46ex +
+61.50ex
+61.36ex
+61.19ex
+61.33ex
+61.49ex
+60.82ex

RK
DK
FK
G1
G2
G4
B1
B2
B3

PLANT SCHEDULE

TREES

Number	Species	Girth	Height	Specification
2 No.	Acer campestre	18-20cm	4.0-4.5m	Standard :Clear Stem 175-200 :5 brks :3x :RB
2 No.	Betula pendula		250-300cm	Multi-Stemmed :3 stems :3x :RB
1 No.	Prunus avium	18-20cm	400-450cm	Extra Heavy Standard :Clear Stem min. 200 :5 brks :3x :RB

SHRUBS

Number	Species	Pot Size	Height	Density	Specification
7 No.	Euonymus fortunei 'Emerald Gaiety'	3L	30-40cm	5/m²	Bushy :5/7 brks
7 No.	Euonymus fortunei 'Silver Queen'	3L	20-30cm	5/m²	Bushy :3/4 brks
10 No.	Hypericum 'Hidcote'	3L	30-40cm	3/m²	Bushy :5 brks
28 No.	Lavandula angustifolia 'Hidcote'	3L	20-30cm	5/m²	Bushy :5 brks
7 No.	Olearia haastii	3L	30-40cm	3/m²	Bushy :4/6 brks
37 No.	Prunus laurocerasus 'Otto Luyken'	3L	30-40cm	3/m²	Bushy :3/4 brks
7 No.	Rosmarinus officinalis	3L	40-60cm	3/m²	Bushy :4 brks
5 No.	Sarcococca confusa	3L	20-30cm	5/m²	Bushy :5/6 brks
5 No.	Viburnum davidii	3L	30-40cm	3/m²	Bushy :3/5 brks

HERBACEOUS

Number	Species	Pot Size	Density
28 No.	Geranium macrorrhizum	2L	5/m²

CLIMBERS

Number	Species	Pot Size	Density	Specification
10 No.	Clematis montana rubens	2L	5/m²	Several Shoots :2/3 brks :Caned
10 No.	Clematis armandii	2L	5/m²	Several Shoots :2 brks :Caned

NATIVE HEDGEROW

Number	Species	Height	Density	Specification
18 No.	Acer campestre	60-80cm	0.6Ctr Double Staggered at 0.5m offset	tpt :BR
18 No.	Cornus sanguinea	40-60cm	0.6Ctr Double Staggered at 0.5m offset	tpt
35 No.	Crataegus monogyna	60-90cm	0.6Ctr Double Staggered at 0.5m offset	tpt :BR
26 No.	Fagus sylvatica	80-100cm	0.6Ctr Double Staggered at 0.5m offset	Feather :2x :RB
26 No.	Prunus spinosa	60-80cm	0.6Ctr Double Staggered at 0.5m offset	tpt :BR
9 No.	Quercus robur	80-100cm	0.6Ctr Double Staggered at 0.5m offset	tpt :BR
26 No.	Sambucus nigra	60-90cm	0.6Ctr Double Staggered at 0.5m offset	tpt :BR
18 No.	Viburnum opulus	60-80cm	0.6Ctr Double Staggered at 0.5m offset	tpt :3/4 brks :BR

NATIVE HEDGE UNDERSTOREY

Number	Species	Height	Density	Specification
13 No.	Lonicera periclymenum	60-80cm	0.5/m	Sev. Shoots :3/4 brks
13 No.	Rosa canina	60-80cm	0.5/m	tpt :BR :1+1

Maintenance Schedule - Years 1-5

Task	Year 1	2	3	4	5
Trees					
Annual tree inspection (and following major storm events)	✓	✓	✓	✓	✓
Check monthly and prune as required to remove dead, damaged and diseased growth and ensure a consistent and appropriate habit and form as required.	✓	✓	✓	✓	✓
Check and adjust stakes and ties/guying systems in spring and autumn. Remove tree stakes and ties in year 5.	✓	✓	✓	✓	✓
Water regularly during dry periods, daily if required. Where trees are planted in soft landscape, top up mulch to maintain a weed-free circle of 1m diameter	✓	✓	✓	✓	✓
Review trees annually and replace any tree which dies within next planting season	✓	✓	✓	✓	✓
Shrubs and hedges					
Review plants annually and prune as required to promote bushy, health growth and production of flowers/berries. Trim back growth overhanging footpaths and adjacent hard areas.	✓	✓	✓	✓	✓
Review shrubs monthly and maintain beds in weed-free condition through combined use of herbicides, cultivation and mulching.	✓	✓	✓	✓	✓
Check for pest and disease and treat by hand or chemical control.	✓	✓	✓	✓	✓
Prune hedges twice annually (in spring and autumn) to maintain height of 1.2m and even clipped form.	✓	✓	✓	✓	✓
Water during periods of dry weather, daily if required.	✓	✓	✓	✓	✓
Top up mulch twice annually (in spring and autumn)	✓	✓	✓	✓	✓
Review plants annually replace all plant failures.	✓	✓			
Review plants annually, thin out / replace selected species as appropriate.			✓	✓	✓
Keep free of litter and fallen leaves at all times.	✓	✓	✓	✓	✓
Grass areas					
Cut regularly using appropriate machinery as required to maintain a 30mm max. grass height. Trim and neaten edges as required.	✓	✓	✓	✓	✓
Treat to control invasive or unsightly weed growth in spring and late summer.	✓	✓	✓	✓	✓
Keep free of litter and fallen leaves at all times.	✓	✓	✓	✓	✓

LEGEND

- Application boundary
- Proposed tree min 900mm topsoil
- Proposed native hedge planting min 450mm topsoil
- Proposed shrub planting min 450mm topsoil

All topsoil to BS 3882:2015 Specification for topsoil and all subsoil to BS8601 2013 British standard for Subsoil

- Grassed areas - to be re-seeded as necessary
- Pedestrian priority route - Resin bonded gravel, buff coloured, 3-6mm aggregate eg Addagrip, Addastone, Brittany Bronze, 1-3mm agg. or similar approved
- Vehicle priority area - Resin bonded gravel, grey coloured, 1-3mm aggregate eg Addagrip, Addastone, silver grey granite 2-5mm agg. or similar approved
- White thermoplastic disable logo to allocated disabled parking space
- Concrete slab paving, 400x400mm laid in stretcher bond, natural colour eg Marshalls Saxon Textured Concrete Paving, Natural or similar approved
- Play safety surface - final design and colours to be selected by nursery operator eg Matta Products, Play Matta tiles in (green, yellow, orange and red colours) - 500mm x 500mm x 25mm tiles or similar approved
- Tarmac area to be retained and made good as existing
- RK — 145mm wide, 100mm raised kerb - Textured granite aggregate , silver grey,145x255x915mm eg Marshalls Conservation textured kerb or similar approved
- FK — 145mm wide flush kerb - Textured granite aggregate , silver grey,145x145x915mm eg Marshalls Conservation textured kerb or similar approved
- Textured granite aggregate setts, silver grey, 100 x 150mm, single running cours eg Marshalls Conservation Setts
- Proposed cycle store with 6no. Sheffield hoops and shelter. All metal to be powder coated steel to BS standards, light grey with clear solid polycarbonate sheeting for canopy eg Street Structure's 493 2 bay polycarbonate cycle storage
- Proposed 1.3m high timber post and rail fence with mortice joints and 4no. horizontal rails. Lower 2no. rails to include animal guard mesh
- G1 — 1.3m high x 1m wide timber agricultural style gate to match adjacent fencing with galvanised spring catch and hinges
- G2 — 1.3m high x 2.1m wide timber agricultural style gate to match adjacent fencing with galvanized spring catch and hinges
- 1.8m vertical hit and miss timber fence, stained forest green
- G3 — 1.8m high x 1.8m wide double leaf vertical hit and miss timber gate, stained forest green
- 1.4m vertical hit and miss timber, fence to create bin enclosure, stained forest green
- G4 — 1.4m high x 1.5m wide double leaf vertical hit and miss timber, fence to create bin enclosure, stained forest green
- Existing brick wall retained
- Proposed brick wall to match existing, to engineer's detail
- Indicative drainage locations
- +61.36ex — Levels to follow existing levels
- B1 — Bat box, wall mounted above 2m to supplier's recommendations - eg NHBS Schwegler 1FR or similar approved
- B2 — Bird box for sparrows, wall mounted above 2m to supplier's recommendations - eg NHBS Sparrow Terrace Nest Box or similar approved
- B3 — Bird box for starlings, wall mounted above 2m to supplier's recommendations - eg NHBS Starling Nest Box or similar approved

Status **FOR PLANNING**

ARC LANDSCAPE DESIGN AND PLANNING LTD.

Client
Maihan Commodities Limited

Project
Joel Street Far, Pinner

Drawing Title
Landscape Proposals

Scale	By/Chk	Date
1:100@A1	LP/VR	16/09/15

Drawing Number **A126 LA01** Revision **B**

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