



HARD LANDSCAPE SPECIFICATIONS

SURFACE TREATMENTS

- Paving Flags 1**
600 x 400 x 50mm Tabernore Braemar Mayfair flags in Oat (light beige) colour. To be laid stretcher bond. Supplied by www.tabernore.co.uk or equal approved manufacturer.
- Paving Flags 2**
600 x 400 x 50mm Tabernore Braemar Mayfair flags in Graphite (dark grey) colour. To be laid stretcher bond. Supplied by www.tabernore.co.uk or equal approved manufacturer.
- Feature Paving**
100 x 100 x 50mm Tabernore Sierra Setts in Graphite colour. To be laid stretcher bond and sand jointed. Supplied by www.tabernore.co.uk or equal approved manufacturer.
- Resin Bound Gravel - Winter Pearl**
6mm natural aggregate resin bound gravel in winter pearl colour. Residential permeable surface and sub-base should be laid to a min depth of 16mm. Supplied by www.sureset.co.uk
- Breedon Self Binding Gravel**
6mm-fines golden amber breedon gravel to be laid to a cross fall at 60mm depth (compacted thickness 40mm). Supplied by Breedon-special-aggregates.co.uk
- Tarmac Road**
Main vehicular road to be laid to vehicular grade tarmac to the project engineers specification. *
- Tarmac Paths**
Main pedestrian access paths to be laid to pedestrian grade tarmac to the project engineers specification. *
- Permeable Block Paving 1**
Permeable block paving to be 200 x 100 x 40mm Pedestra Hytopave from Tabernore laid in a herringbone pattern in Brindle colour. Supplied by www.tabernore.co.uk or equal approved manufacturer.
- Permeable Block Paving 2**
Permeable block paving to be 200 x 100 x 40mm Pedestra Hytopave from Tabernore laid in a herringbone pattern in contrasting Charcoal colour. Supplied by www.tabernore.co.uk or equal approved manufacturer.
- Hazard Warning Flags**
400 x 400 x 50mm Tabernore Tactile Hazard Warning Flags/ Blister Flags in Natural/ Buff colour (to provide a contrast to adjacent surface as required). * Supplied by www.tabernore.co.uk or equal approved manufacturer.

EDGES AND STEPS

- Setts Edging**
100 x 100 x 30mm Tabernore Sierra Setts in Graphite colour to be used in a single line as an edging detail. Supplied by www.tabernore.co.uk or equal approved manufacturer.
- Concrete Pin Kerb**
50mm x 200mm x 915mm standard flat top concrete pin kerb edge. * Supplied by www.marshall.co.uk or equal approved manufacturer.
- Concrete Kerb**
125mm x 225mm half battered concrete kerbs laid with 125mm upstand, to highways engineers specification and detailed design. * Supplied by www.marshall.co.uk or an equal approved manufacturer.
- Dropped Kerbs and Transition Kerbs**
125mm x 150mm half battered concrete kerbs with 25mm upstand to provide a flush kerb detail with associated transition kerbs as required, to highways engineers specification and detailed design. Supplied by www.marshall.co.uk or an equal approved manufacturer.
- Steps**
Step construction to be detailed designed by the project engineers and surfaced in Tabernore Mayfair flags in Silver colour with a contrasting rising detail. Flags and treads to be supplied by www.tabernore.co.uk or equal approved manufacturer.
- Handrails**
All steps to be fitted with handrails to current part K access requirements. These should comprise a circular handrail set 1000mm above the step surface and protruding 300mm beyond the top and bottom steps. To be made from stainless steel and powder coated in a coloured RAL tbc.

NB: * All other 278 works to the adapted public highway to be detailed designed by the engineers and to be constructed to adoptable standards as required.

RETAINING WALLS AND BOUNDARY TREATMENTS

- 1100mm Salutrade to Concrete retaining walls with Brick finish**
All retaining walls to have 1100mm vertical flat top metal railings to prevent a fall from height. Railings are subject to detailed design and should be galvanized steel with a powder coated finish in a RAL to match the architectural detailing. Fixings and foundations are subject to detailed design by the project structural engineers.
- Concrete Retaining walls with brick finish**
Concrete retaining walls subject to detailed design by the structural engineers. Please refer to NUP drawings.
- 1100mm Salutrade to Securo Segmental Retaining Walls**
All retaining walls to have 1100mm vertical flat top metal railings to prevent a fall from height. Railings are subject to detailed design and should be galvanized steel with a powder coated finish in a RAL to match the architectural detailing. Fixings and foundations are subject to detailed design by the project structural engineers. * Gates to match have been added into the courtyard area to restrict residents access.
- Securo Segmental Retaining wall**
Securo Segmental retaining wall with a matching coping detail to be supplied by Tabernore and subject to detailed design by the structural engineers. Please refer to NUP drawings.
- 1100mm Salutrade to Vegetative Retaining Walls**
All retaining walls to have 1100mm vertical flat top metal railings to prevent a fall from height. Railings are subject to detailed design and should be galvanized steel with a powder coated finish in a RAL to match the architectural detailing. Fixings and foundations are subject to detailed design by the project structural engineers. * Gates to match have been added into the courtyard area to restrict residents access.
- Vegetative Retaining wall**
Vegetative Retaining wall to be supplied by REX MSE and subject to detailed design by the structural engineers. Please refer to NUP drawings.
- 1800mm Railings**
1800mm high bow top metal railings. The railings should be galvanized steel powder coated in a RAL to match the architectural detailing. Supplied by Alpha Rail www.alpharail.co.uk or an equal approved manufacturer. Railings to have matching gates with automated/ key fob activated locks as required to provide a secure environment and to facilitate the fire exit strategy.
- Low Brick Wall and Railings to 1800mm**
Low brick retaining wall to be detail designed by the project engineer with Bow top railings to achieve a total height of 1800mm and to tie into the adjacent railings. The railings should be galvanized steel powder coated in a RAL to match the architectural detailing. Supplied by Alpha Rail www.alpharail.co.uk or an equal approved manufacturer.
- 1000mm rounded palisade fence**
1000mm low timber palisade fence between garden areas with matching 1m wide palisade gates. Timber to be pressure treated softwood with a smooth sawn, planed finish. Supplied by Jackson fencing www.jacksons-fencing.co.uk or an equal approved manufacturer.
- 1100mm timber post and rail fence**
1000mm timber post and three rail fence with matching maintenance gates as shown. Timber to be pressure treated softwood with a rough sawn finish. Supplied by Jackson fencing www.jacksons-fencing.co.uk or an equal approved manufacturer.
- Timber Bollards with reflective band**
Square pyramid top hardwood timber bollard with a red reflective band. Bollard to be 100mm square x 1500mm to be set 1m above ground. Supplied by Marshalls www.marshall.co.uk or an equal approved manufacturer.

FEATURES

- Raised Timber Planters**
Woodscape timber retaining wall used to create 1no. curved and 1no. circular raised planters with FSC Hardwood timber and timber coping. Planters to be free standing (attenuation cells underneath restrict depths of foundations). Planters to be filled with a free draining topsoil and compost mix. Subject to detailed design by Woodscape www.woodscape.co.uk or equal approved manufacturer.
- Curved Timber Bench**
Letchworth curved backrest seat to be constructed from Woodscape FSC Hardwood timber with back and arm rests. Bench to be free standing. Bench subject to detailed design by Woodscape www.woodscape.co.uk or equal approved manufacturer.
- Tooling Backrest Seat**
Tooling timber seat with curved backrests and arm rest to be constructed from Woodscape FSC Hardwood timber. Benches to be free standing. Subject to detailed design by Woodscape www.woodscape.co.uk or equal approved manufacturer.
- Timber Pergola Arches**
Pressure treated smooth planed redwood pergola arches to include 2no. 95mm x 95mm posts set 2.4m wide 2.7m high with 34mm x 140mm runners and rafters. Posts to be bolted down to a concrete footing as required. Supplied by www.tuftandscoutgardenfurniture.co.uk or equal approved manufacturer.

- Cycle Stands**
Shelfield cycle stands to be powder coated in a RAL to match the architectural detailing. Stands to be roof fixed. Supplied by Broxap www.broxap.com or equal approved manufacturer.
- Square Timber Planters**
Timber planters to be constructed from pressure treated red timber sleepers 1000mm x 1000mm x 500mm high. Planters to be fixed with a fabric liner and filled with a free draining topsoil and compost mix. Contractor to fabricate.
- Rectangular Free Standing Planters**
GRP rectangular planters 600mm x 1000mm x 500mm high finished in a RAL colour tbc. Planters to be free standing with drainage holes in the base. Supplied by Europalnters www.europalnters.co.uk
- Free Standing Wheelchair Accessible Timber Planters**
2no. bespoke timber planters to be constructed from pressure treated softwood I provide a free standing timber trough raised on legs to provide an accessible planter for wheelchair use. For example Medium Vegtrug from www.johnlewis.co.uk or an equal product and supplier.
- Cylindrical Free Standing Planters**
GRP cylindrical planters to include a mixture of 1.2m dia x 800mm high, 800mm dia x 600mm high and 0.5m dia x 600mm high as shown and finished in a RAL colour tbc. Planters to be free standing with drainage holes in the base. Supplied by Europalnters www.europalnters.co.uk
- Timber Gazebo**
3.6m and 2.4m hexagonal wooden pressure treated garden gazebos with new england cedar roof to include a timber deck base, laid on a level and connected by MOT sub base. Supplied by www.puregardenbuildings.co.uk or equal approved manufacturer.
- Timber Potting Shed**
2046mm high x 1085mm x 1190mm, rectangular ship-lap clad potting shed. Features a double door filled with a solid oak, with tongue and groove boards for both the roof and floor. With the roof covered in a mineral felt. Supplied by www.sheds.co.uk or equal approved manufacturer.

Supporting Drawings
For all external finishes construction details, drainage design, retaining structures and re-grading works and levels please refer to detailed drawings produced by NUP Consulting Engineers Ltd. For all electrical and lighting design please refer to Belfon Consulting drawings.

SOFT LANDSCAPE

- Existing Trees to be Retained**
Existing trees and TPO trees to be retained, protected and managed in line with the AIA and supporting Method Statements. Please refer to the separate documents produced by others for further information.
- Roof Protection Areas**
Special dig and construction methods and tree protection measures to be applied within the Roof Protection Areas in line with the AIA and supporting Method Statements. Please refer to the separate report and drawings prepared by Trevor Heaps and updated October 2024.
- Existing Shrub Understorey to be Retained**
Existing understorey to be retained around the site boundaries and reinforced with additional planting as required, localised works to be carried out as required.
- Proposed Medium/ Large Trees**
Native and Pollard/ Bladder trees to be planted as 14-16cm girth Extra Heavy Standards within the development. Trees to be planted and secured in place with double timber stakes, cross bar and tree ties.
- Proposed Small Trees**
Small Growing Ornamental trees to be planted as 14-16cm girth Extra Heavy Standards within the development. Trees to be planted and secured in place with double timber stakes, cross bar and tree ties.
- Proposed Understorey Shrubs**
Native and Ornamental shrubs to be planted as 10L pots in individual locations as an understorey to reinforce the existing vegetative buffer around the site.
- Ornamental Shrubs**
Rotted planters and shrub beds to be planted with a mixture of shrubs in 5L pots at 3 per sq.m, grasses and herbaceous perennials in 1L pots at 5 per sq.m and 25L specimens to be planted in the beds to provide instant height and interest. All beds to be mulched with a small grade bark mulch.
- Climbers**
To be trained up the pergolas and on the wall and planted as 20L pots supplied on a cane.
- Mixed Native Hedge and Mixed Native hedge with 50% Holly**
To be planted as 120-150 BR whips in a staggered row of 6 per linm to provide a screen to the car parking area.
- Vegetative Wall**
Reinforced retaining wall to be established with vegetation in line with manufacturers recommendations. ** Refer to notes in the planting specification
- Proposed Amenity Areas**
Areas to be laid with turf to provide formal amenity lawns and should be regularly maintained.
- Existing Grass/ Vegetation to be Retained**
Areas of existing grass and vegetation around the site boundaries to be retained. Areas around the edge of development if disturbed should be established with a species rich lawn mix WFG20 Eco Species Rich Lawn to promote species diversity.
- Sedum Roof**
Proposed sedum roof on the bin/cycle store. To be laid as sub-grade sedum turf on top of a waterproof membrane with a suitable substrate growing medium and drainage outlets. Subject to detailed design.

Supporting Drawings
Please refer to softworks plans 5245.03.01-02 for detailed planting design, plant schedule and specification notes.

Please Note: There are contaminated soils on site. Please refer to the Site Investigation Report and NUP 1063 700 and 701 for further information before carrying out any works on site.

Revision A - Notes on Contamination added to drawing EP 03 04 2024
Revision B - Contaminated soft landscaped areas to be fenced off and existing trees and grassland left undisturbed EP 04 07 2024
Revision C - in line with Planner Comments CC 29 10 2024
Revision D - Updated to reflect the latest AIA 11 11 2024
Revision E - Highways updates and landscape Enhancements EP06 12 2024
Revision F - Tactile paving and bin store updates EP09 12 2024
Revision G - Additional cycle stands EP10 12 2024



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Anavo Developments Ltd
Project:
Havant Care Homes

Description:
Hardworks Plan

Status:
For Tender

Scale: 1:200@A1
Job number: 5245 02
Drawing number: 02
Date: May 24
Revision: G

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All levels and dimensions to be checked on site by contractor prior to commencement. Any variations to be reported to the client. This drawing is to be read in conjunction with all other relating to the project and all information derived accordingly; any anomalies to be reported to the client. Do not scale from this drawing. Use figured dimensions only. Work shown on this drawing to be carried out in accordance with current British Standards and Codes of Practice.

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