

HARD LANDSCAPE SPECIFICATIONS

SURFACE TREATMENTS

S1 Paving Flags 1
600 x 400 x 50mm Tobermore Braemar Mayfair flags in Oat (light beige) colour. To be laid stretcher bond. Supplied by www.tobermore.co.uk or equal approved manufacturer

S2 Paving Flags 2
600 x 400 x 50mm Tobermore Braemar Mayfair flags in Graphite (dark grey) colour. To be laid stretcher bond. Supplied by www.tobermore.co.uk or equal approved manufacturer

S3 Feature Paving
100 x 100 x 50mm Tobermore Sienna Setts in Graphite colour. To be laid stretcher bond and sand jointed. Supplied by www.tobermore.co.uk or equal approved manufacturer

S4 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

S5 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

S6 Tarmac Road
Main vehicular road to be laid to vehicular grade tarmac to the project engineers specification. *

S7 Tarmac Paths
Main pedestrian access paths to be laid to pedestrian grade tarmac to the project engineers specification. *

S8 Permeable Block Paving 1
Permeable block paving to be 200 x 100 x 60mm Pedestra Hyropave from Tobermore laid in a herringbone pattern in Brindle colour. Supplied by www.tobermore.co.uk or equal approved manufacturer

S9 Permeable Block Paving 2
Permeable block paving to be 200 x 100 x 60mm Pedestra Hyropave from Tobermore laid in a herringbone pattern in contrasting Charcoal colour. Supplied by www.tobermore.co.uk or equal approved manufacturer

Hazard Warning Flags
400 x 400 x 50mm Tobermore Tactile Hazard Warning flags/ Blister Flags in Natural/ Buff colour (to provide a contrast to adjacent surface as required). * Supplied by www.tobermore.co.uk or equal approved manufacturer

EDGES AND STEPS

E1 Setts Edging
100 x 100 x 50mm Tobermore Sienna Setts in Graphite colour to be used in a single line as an edging detail. Supplied by www.tobermore.co.uk or equal approved manufacturer

E2 Concrete Pin Kerb
50mm x 200mm x 915mm standard flat top concrete pin kerb edge. * Supplied by www.marshalls.co.uk or equal approved manufacturer

E3 Concrete Kerb
125mm x 255mm half battered concrete kerbs laid with 125mm upstand, to highways engineers specification and detailed design. * Supplied by www.marshalls .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.marshalls .co.uk or an equal approved manufacturer.

Steps
Steps construction to be detailed designed by the project engineers and surfaced in Tobermore Mayfair flags in Silver colour with a contrasting nosing detail. Flags and risers to be supplied by www.tobermore.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 adopted public highway to be detailed designed by the engineers and to be constructed to adoptable standards as required.

RETAINING WALLS AND BOUNDARY TREATMENTS

B1 1100mm Balustrade 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 subject to detailed design by the structural engineers. Please refer to NJP drawings.

B2 1100mm Balustrade to Secura 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.

Secura Segmental Retaining wall with a matching coping detail to be supplied by Tobermore and subject to detailed design by the structural engineers. Please refer to NJP drawings.

B3 1100mm Balustrade 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.

Vegetative Retaining wall to be supplied by FLEX MSE and subject to detailed design by the structural engineers. Please refer to NJP drawings.

B4 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.

B5 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.

Timber Bollards with reflective band
Square pyramid top hardwood timber bollard with a red reflective band. Bollard to be 150mm square x 1500mm to be set 1m above ground. Supplied by Marshalls www.marshalls.co.uk or an equal approved manufacturer.

FEATURES

F1 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.

F2 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.

F3 Tooting Backrest Seat
Tooting 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.

F4 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.rutlandcountygardenfurniture.co.uk or equal approved manufacturer.

F5 Cycle Stands
Sheffield cycle stands to be powder coated in a RAL to match the architectural detailing. Stands to be roof fixed. Supplied by Broxap wwww.broxap.com or equal approved manufacturer.

F6 Square Timber Planters
Timber planters to be constructed from pressure treated new timber sleepers 1000mm x 1000mm x 500mm high. Planters to be lined with a fabric liner and filled with a free draining topsoil and compost mix. Contractor to fabricate.

F7 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 Europlanters www.europlanters.co.uk

F8 Free Standing Wheelchair Accessible Timber Planters
2no. bespoke timber planters to be constructed from pressure treated softwood t provide a free standing timber trough raised on legs to provide an accessible planter for wheelchair use. For example Medium VegTrug from www.John Lewis or an equal product and supplier.

F9 Cylindrical Free Standing Planters
GRP cylindrical planters to include a mixture of 1.2m dia x 80mm 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 Europlanters www.europlanters.co.uk

F10 Timber Gazebo
3.6m hexagonal wooden pressure treated garden gazebo with new england cedar roof to include a timber deck base, laid on a level and compacted MOT sub base. Supplied by www.puregardenbuildings.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 NJP Consulting Engineers Ltd. For all electricals and lighting design please refer to Betton Consulting drawings.

SOFT LANDSCAPE

Existing Trees to be Retained
Existing trees and TPO trees to be retained, protected and managed inline with the AIA and supporting Method Statements. Please refer to the separate documents produced by others for further information.

Root Protection Areas
Special dig and construction methods and tree protection measures to be applied within the Root Protection Areas inline with the AIA and supporting Method Statements. Please refer to the separate documents produced by others for further information.

Existing Shrub Under storey to be Retained
Existing under storey 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 Fruiting/ Blossom 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 Under storey Shrubs
Native and Ornamental shrubs to be planted as 10L pots in individual locations as an under storey to reinforce the existing vegetative buffer around the site.

Ornamental Shrubs
Raised 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.

Vegetative Wall
Reinforced retaining wall to be established with vegetation inline with manufacturers recommendations. ** Refer to notes in the planting specification

Proposed Amenity Grass
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.

Bulbs
Areas to be planted with spring bulbs in natural some species localised clumps planted at 25-30 bulbs per sq.m as a guide.

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 NJP1063 700 and 701 for further information before carrying out any works on site.

Revision A - Notes on Contamination added to drawing EP 03 06 2024

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Client
Anavo Developments Ltd

Project
Havant Care Homes

Description
Hardworks Plan

Status
For Tender

Scale
1:200@A1

Drawn
EP

Job number
5245

Drawing number
02

Date
May 24

Revision
A

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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 others relating to the project and all information derived accordingly; any anomolies to be reported to the client. Do not scale from this drawing. Use figured dimensions only. Work shown on this drawings to be carried out in accordance with current British Standards and Codes of Practice.

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