



Low Brick Wall section detail @ 1:20

- Key:**
- 1500mm wide ramps [refer to notes]
  - 50mm charcoal concrete paver step treads and risers with integrated black contrasting strips
  - 450x450x50 PC charcoal textured paving slabs [Marshall's Pastel Textured or similar approved]
  - 100mm contrasting strip at head and foot of each ramp section
  - Marshall Tegula cobbles sett paving - pennent grey
  - Shrub planting areas - refer to schedule  
All shrubs to be bedded in min. 450mm top soil topped with 50mm bark mulch
  - Tree / Shrub planting [refer to schedule]
  - coloured GRP Bench seating by Sui-Generis or similar approved [to be provided by client]
  - coloured GRP planter by Sui-Generis with topiary box cone [to be provided by client]
  - 215mm Brick retaining walls to ramps - Brockley Charcoal Smooth with black mortar

#### External Ramps:

The communal courtyard entrance gate off St Vincent Street and the courtyard access doors at ground floor level are connected via 4 no ramps are incorporated into the courtyard landscaping.

Gradients: All ramp gradients are in accordance with ADK diagram 2.1 and paragraph 2.3  
Landings: At the head and foot of each ramp landings are a minimum of 1200mm long in accordance with ADK para. 2.13a  
Width: All ramps are to be min. 1500mm wide in accordance with ADK para. 2.9a  
Handrails: In accordance with ADK para. 2.12c, no handrails are required to protect from falls as the rise of each ramp is less than 600mm.  
Upstands: A minimum upstand kerb of 150mm is provided at each side of the ramps in accordance with ADK para. 2.5

#### External Steps:

In addition to the ramps the courtyard provides stepped access in accordance with ADK para. 2.6  
Rise: between 150-170mm in accordance with ADM para 1.13  
Going: 280mm in accordance with ADM para 1.13  
Nosings: min. 55mm integrated contrasting strips to both tread and riser  
Handrail: 40mm dia. SS handrail fixed 60mm from wall to one side of stair to continue min. 300mm beyond line of first and last riser

#### planting schedule:

**Area 01:**  
Phormium Yellow Wave [10]  
underplanted with 24no. Pachysandra Terminalis Variegata [2]

**Area 02:**  
2no. Juniperus Syrocket [10]  
underplanted with a. 20no. Carex Evergold [2], b. 20no. Hedera Glacier [2], c. 15no. Bergon Silberlicht [2]

**Area 03:**  
2no. Thuja Plicata [10]  
2no. Topiary Box Cone [600-900mm high]  
underplanted with a. 20no. Stachys Lanata [2], b. 24no. Heuchera Key Lime Pie

**Area 04:**  
2no. Phormium Yellow Wave [10]  
2no. Chamaecyparis Ellwood Gold [5]  
underplanted with: 20 no. Genista Hispanica [2]

**Seating Areas:**  
Topiary Box Cones: 600-900mm high to seating areas as indicated

#### Planting Notes:

1. Plant handling at the nursery, and transit up to delivery, shall be in accordance with 'Plant Handling' the booklet published by the Committee for Plant Supply and Establishment (CPSE). The contractor shall comply with comply with clauses 3 & 4 of the above booklet (obtained from the Horticulture Trades Association) which refers to the receipt, uploading and temporary storage of plants.

2. Plants shall be first class examples of their species or variety, free from all pests and diseases with good fibrous roots systems and materially undamaged. (Refer to relevant sections of BS3836 Parts 1-4 'Specification of Nursery Stock').

Ilex aquifolium plant species should be feathered from base with a minimum of 3 breaks.

3. All planting is to be in general compliance with BS4428: 1989 'Code of Practice for general landscape operations (excluding hard surfaces)'.

4. All trees are to be staked and secured as followed:  
i) HS are to be underground guyed using an approved guying system  
ii) HS trees are to be double staked and secured with a timber cross bar and rubber webbing tie and spacer.

5. One number 80litre bag of tree planting compost (non peat based) is to be incorporated into:  
i) Each Extra Heavy Standard and Heavy Standard tree Compost must be thoroughly mixed with excavated (or imported) topsoil. Trees shall be planted in tree pits large enough to accommodate tree roots when fully spread.

7. The contractor must ascertain for himself the exact location of any underground services and maintenance points.

8. All areas of ornamental planting are to be mulched to consolidated depth of 50mm using medium grade tree bark.

9. At the time of planting, shrub areas will be covered by a min. 450mm depth of good quality 'As Dug' topsoil in accordance with BS3882 (1994)

10. Water as necessary to ensure the establishment and continued thriving of planted matter.

11. Carry out all work when soil and weather conditions are suitable:  
i) Do not plant during periods of frost or strong winds. Plant only during the following periods:  
- Bare root deciduous trees and shrubs: Late October to late March  
- Container grown plants: At any time if ground water and weather conditions are favourable.  
Ensure that adequate watering and weed control is available.

#### Maintenance notes for trees and shrubs:

1. Maintenance is to be carried out on a monthly basis (12nr annual visits) At each visit the following operations are to be carried out:  
a- Check and firm all planted material. Also check materials after stormy or windy conditions.  
b- Check for pests and diseases and treat appropriately  
c- Remove all weeds and unwanted material via a combination of chemical and hand weeding operations  
d- Pick up all litter and remove all arisings from site  
e- Sweep all paths and roadways and dispose off site  
f- Remove any dead material from site  
g- Water as necessary to ensure the continuing health of all plants

2. Carry out the following operations every 6 months:  
a- Apply an approved fertilizer to all planted material during spring and autumn  
b- Trim all hedges/sculptural planting in spring and autumn and remove arisings from site. Final height for clipped formal hedges 700mm

3. Carry out the following operations annually:  
a- During autumn or following flowering prune all shrub materials in accordance with good horticultural practice  
b- Top up all areas of bark mulch to a consolidated depth of 50mm  
c- Replace any material which has failed over the previous 12 months. All replacements are to be of equal specification as the original and the replacements scheduled is to be agreed with the CA prior to implementation. Any deviation from the species list must be agrees with the CA.

## CONSTRUCTION

### DK-Architects

Job:	X1 - The Edge	
Client:	X1 Developments	
Drawing Title:	Courtyard Landscaping	
Date:	20th February 2015	
Drawing no:	1052-132	revision: *
Scale:	1:50 & 1:20 @ A1	
Drawn:	Jamie Thompson	
Revision	Date	Description
*	N/A	N/A

26 Old Haymarket  
Liverpool  
L1 6QR  
T: 0151 231 1209  
F: 0151 227 2058  
E: mail@dk-architects.com  
W: www.dk-architects.com