

LEGEND

HARD LANDSCAPE - Surfacing

- Tarmacadam Surface** (to Engineer's Specification)
To car parking/pavement area
- Central Courtyard & Street Pavement Paving**
EcoPave textured paving units by Charcon or equal and approved.
600x200x50mm. Laid as stretcher bond. Colour: Grey Black
- Feature Paving Bands**
Kellen Lavers paving units by Hardscape or equal and approved.
Series 300 - 300x90x100mm. Laid as stretcher bond. Colour: Gris
- Central Courtyard Small Unit Paving**
Kellen Lavers paving units by Hardscape or equal and approved.
Series 100 - 100x30x100mm. Laid as stretcher bond. Colour: Wit.
Zwart & Gris random mix
- Self-Binding Compact Gravel**
Rasby Golden Gravel to form flexible surface to street tree planter surrounds
- Concrete Screed**
Surrounding generator handstanding. Specification to be confirmed

HARD LANDSCAPE - Edging & Walls

- Standard Concrete Road Kerk**
Standard Concrete Kerk - 125x255x14mm. 125mm kerk upstand.
- Standard Concrete Drop Kerk**
125x150mmx14mm buttressed drop kerk units. 15mm maximum upstand
- Textured Aggregate Upstand Planter Edging**
Eco Countryside Kerk - Classic Wide Top by Charcon or equal and approved. 290x250x14mm. 125mm upstand. Colour: Black Fleck
- Pin Kerk Edging**
50x150x14mm square edged flat top edging. Laid flush with adjacent surfacing
- Pin Kerk Mowing Trim** (& trim to planters below full length windows)
50x150x14mm edging laid flat. Laid flush with adjacent surface, with mortar bed and consolidated stone base
- Deterrent Paving with Boulders to Undercroft**
Elite Paving Format 3 by Charcon or equal and approved.
600x800x74mm. Colour: white. 600-1200mm glacial boulders

HARD LANDSCAPE - Fencing & Railings

- 2.5m High Secure Fence**
Pebblex galvanised weedmesh fencing with powder coated finish. Colour: Black
- Vehicular Gate**
To Contractor's design and verified by Engineer
- 1.2m High Railings**
Vertical bar galvanised steel decorative railings with powder coated finish. Colour: Black
- Pedestrian Gate**
Vertical bar galvanised steel decorative railings with powder coated finish. Colour: Black
- 2.1m Perforated Mesh Panel Fence** (to match building window panels)
Staggered circular perforations. 20mm dia (40% free area o/a). Aluminium panels. Matching gates. Galv steel posts. All powder coated finish, colour: RAL 7016
- Fixed Bollard**
Semi-Domed Sheffield Stainless Steel Bollard BX47/SemiDomed by Broxap or equal and approved. 316 grade s/s satin finish, roofless. 1000mm height, 140mm dia. Recessed with single white reflective band
- Removable Bollard**
Semi-Domed Sheffield Stainless Steel Bollard BX47/SemiDomed Removable by Broxap or equal and approved. 316 grade s/s satin finish, lift-out/removable. 1000mm height, 140mm dia. Recessed with single white reflective band
- Anti-Trap Bollard/Cane Guard**
Door Barrier BX14/DB by Broxap or equal and approved. Height: 1320mm (including roof for submerged fixing), width: 45mm, diameter tube: 42mm. Galvanised and polyester powder coated. Colour black
- Access Control Post**
Post mounted 'push to open' pad and electronic card reader. With concealed base plate bolt-mounted to planter edging. Design to be approved. Galvanised and polyester powder coated. Colour black. Edging to be drilled to route wiring through, into concealed ducting.

HARD LANDSCAPE - Drainage

- Drainage Gully**
Indicative location of drainage gully/surface water outlet. Locations and details of surface water drainage system to be verified by Engineer
- Surface Water Drainage Channel**
Indicative location of channels/slot drain. Locations and details of surface water drainage system to be verified by Engineer

NOTE: Drainage layout is indicative only - please refer to Engineer's drainage proposals

SOFT LANDSCAPE

- Proposed Medium Street Trees in Containers**
To be planted in containers on Birchall Way frontage as 18-20cm girth. Extra-Heavy Standard deciduous specimens. On tarmacadam base with pin kerk edgings
- Proposed Medium Street Trees**
To be planted within raised steel planters to site entrance as 18-20cm girth Extra-Heavy Standard deciduous specimens.
- Proposed Shrub Planting**
To be planted as SL contained plant stock at 3-6 plants per sq.m with 30L specimen shrubs and bulb planting
- Proposed Defensive Shrub Planting**
To be planted as SL contained thorny species plant stock at 3 plants per sq.m
- Proposed Native Species Hedge**
To be planted as bare root native species plant stock along Birchall Way site frontage.
- Proposed Grassed Areas**
To be laid as turf
- Proposed Green Roof**
To be Sedum Green Roof

Green Roof (Area 1)

Green roof to specialist specification, to consist of appropriate native wildflower green roof plants including:

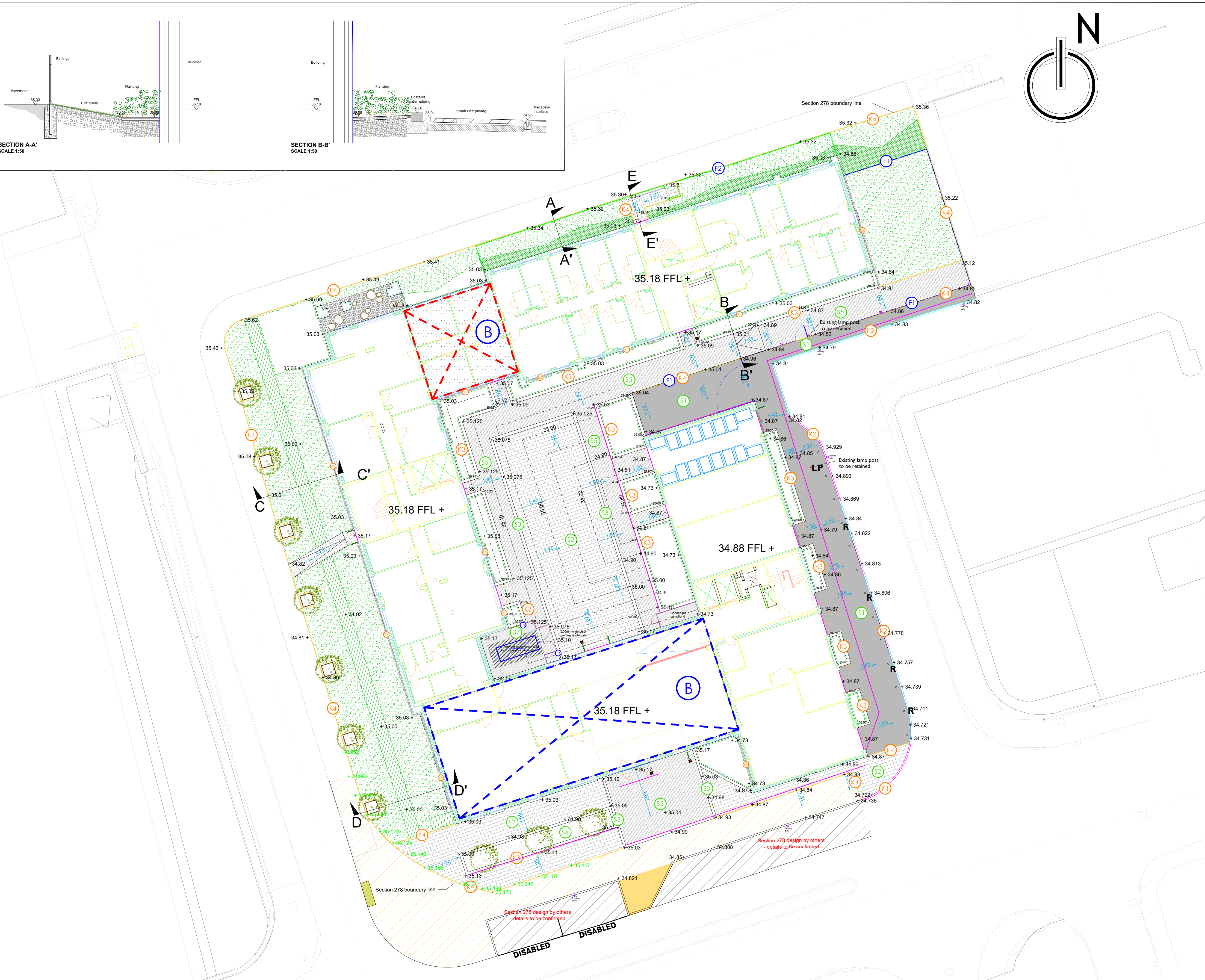
Common Toadflax	Rough Hawkbit	Wild Parsi
Common Vetch	Sediloid	Hoary Plantain
Cowslip	Wild Marjoram	Lesser Stitchwort
Musk Mallow	Yarrow Milfoil	Scarlet Pimpernel
St Johnswort	Cornflower	

Green Roof (Area 2)

Suitable for 'Black Redstart', including mix of aggregate, such as crushed brick / topsoil / peat free compost, overlaid with rock / chippings, countered in height from zero to 500mm (thibencula). Roof to be seeded with a mixture of St John's Wort / Yellow Wort / Common Century / Black Medick / Doves Foot Cranes Bill / Common Eyebright / Betony / Devils Bir Scabious / Ribwort Plantain and Selfheal.

1B Schwelger nest box

1B Schwelger Nest Box (26/32mm entrance holes).



SECTION C-C'

SCALE 1:50

SECTION D-D'

SCALE 1:50

SECTION E-E'

SCALE 1:50



'Push to open' pad (post-mounted)



Electronic card reader (post-mounted)



Mounting post for 'push to open' pad and electronic card reader. Design to be approved. Galvanised and polyester powder coated finish; colour black. Height of pad and reader to be between 900 and 1050mm above ground level. All in accordance with BS8300.



Concealed mounting post base plate. Galvanised and polyester powder coated finish; colour black.



Anti-Trap Bollard/Cane Guard Door Barrier BX14/DB by Broxap. Galvanised and polyester powder coated finish; colour black. Paving core-drilled and barrier root fixed through into concrete foundations.



Tree planters to Birchall Way frontage to be Cor/Ten 'ShrubTub' 1200x1200x1000mm by Streetlife NL, or equal and approved.



Perforated steel panel fencing 2.1m height, with 1.2m clear opening width lockable single gate to match. Galvanised steel with powder coated finish.

T10	Fencing to courtyard updated	30/11/20
T9	Layout/levels adjustments, generator added	30/07/20
T8	Layout/levels adjustments, S278 info & details added	16/03/20
T7	Layout/levels adjustments, sections/details added	31/01/20
T6	Layout adjustments, tree planter info added	30/10/19
T5	Drainage updated, Door access control added	24/10/19
T4	Building updated, grass added by deterrent paving	25/09/19
T3	Updated in accordance with Architects layout	29/05/19
T2	Green roofs added, layout adjusted	19/11/18
T1	Revisions in accordance with Kier's comments	08/10/18



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Client

Kier

Project

Birley Residences MMU

Description

Landscape General Arrangements

Status

Tender

Scale

1:200@A1

Job Nr

4092

Drawing

TR

Drawing number

BIR-DEP-00-00-DR-L-0001

Date

28/09/2018

Revision

T10

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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 anomalies to be reported to the client. 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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