

CONSTRUCTION NOTES

SITE WORKS

Paving Slabs Generally
Tobermore 450x450x50mm smooth finish standard flags. Colour to be 'Natural' or 'Charcoal' as indicated on EPT Proposed Site Plan drawing 2001. NOTE: Setting out of paving shown indicatively TBC. Refer to Civil Engineers drawings for details.

Block Paving to Car Parking
Tobermore 200x100x60mm Pedestal (Hydropave TBC) block paving. Colour to be 'Natural' or 'Charcoal' as indicated on EPT Proposed Site Plan drawing 2001. NOTE: Setting out of paving shown indicatively TBC. Refer to Civil Engineers drawings for details. SUDS requirements TBC.

Brick Retaining Walls generally
215mm wide two skin engineering brick retaining walls with brick on edge to top. Concrete strip foundations to SE design. Refer to Civil Engineers drawings for details. Colour of brick and mortar TBC by Client.

Carpark Road Linings
Linings generally to be Class 1 retro reflectivity. To be a standard specification from and installed by the 'Road Safety Markings Association'. Colour to be white.

Cycle Shelter & Cycle Hoops
4340x2200mm deep Falco 'Falcospan Cycle Shelter' to accommodate 5no cycle hoops to be polyester powder coated, from standard range TBC.

5no PPC steel 'Sheffield Style' cycle hoops set in concrete pads / slab to Structural Engineers design.

External Grade Mailboxes
PPC external grade fire rated 11 no two-tier stacked mailboxes (22no total) to be DAD FFR120MBH or similar with sprung painted steel flaps, cam locks and cylinders with 2 sets of keys. Suited master key to be provided. To be securely floor / wall fixed over concrete base upstand or similar to suspend off external ground floor. All installed to manufacturers recommendations.

Gullies and Channel Drainage
Marshalls or similar gullies and linear drainage channel with galvanised steel slotted cover grating suitable for heel guard protection with anti-vandal security catches. With associated rubber gaskets and mud bucket sump units where required over suitable base to SE design, all installed to manufacturers recommendations.

Misc. Site Furniture
Litter bins, tree guards and tree grille requirement TBC.

FENCING & BALUSTRADING

Site Boundary Fence & Gates
Heras Eco Contour Standard 1800mm high or similar PPC galv. steel fencing consisting of circa 25mm vertical bars with capped tops at max 120mm centres with circa 60mm PPC galv. steel SHS posts at regular / equal centres to Steel fabricators design, set in concrete pads to SE design.

Vehicular and pedestrian gates required where indicated on EPT proposed site plan drawing 2001. All gate heights, style and finish to match adjoining fencing with circa 60mm SHS framing fixed back to SHS fencing posts. To be provided with lockable slip-hatch, site adjustable hangings, lockable drop bolts and ground tubes. Req. access control TBC by Client. Colour of boundary fencing and gates to be RAL 7016.

Ground Floor Infill Barrier Screen & Gates
Galv. steel vertical plate style infill. To be taken up full height to U/S of first floor steel structure and fitted between galv. UC columns. Galv. steel SHS posts at regular / equal centres where required to larger spans to steel fabricators design. Panels to be fixed back to steel framing / posts at side / head of panels, exact fixing detail to be determined by steel fabricator. Circa 60x60mm galv steel SHS framing to be provided to access gate locations with matching vertical plate infill panels above gates. To be provided with lockable slip-latch, site adjustable hangings, lockable drop-bolts and ground tubes. Access control TBC by client. Refer to EPT drawing 4001 for fence / gate details and setting out.

First Floor Deck Perimeter Balustrading
Galvanised steel balustrading at regular / equal centres with matching horizontal top rail and vertical plate galv. steel infill panels between uprights at regular / equal centres to steel fabricators design. Top of balustrading to be 1200mm high above first floor deck level with uprights fixed to steel frame, refer to EPT drawing 4003.

ACCESS STAIRS
Galv. steel vertical plate balustrading fixed to plate stringers set out at equal centres with galv. steel Elefant 'Type N' grating infill panels and 55mm oval handrails with nylon coating / sleeves TBC. Treads and landings to be galv. steel 5mm dia raised / depressed surface by Elefant 'Type O5-M' providing a non-slip, heel guard protected surface with Elefant 75mm non-slip black nosings and integrated riser plates, treads to be directly side fixed to plate stringers to manufacturers recommendations. Refer to EPT drawing 4004 for details.

NOTE: All balustrading, handrailing, infill mesh and access gates to be designed in accordance with horizontal uniformly distributed line loads as stated in table A4 of BS6399-1: 0.74KN.M. Load calcs to be undertaken by steel fabricator.

FIRST FLOOR DECK
Galvanised steel 5mm dia raised/depressed surface by Elefant 'Type O5-M' providing a non-slip, heel guard protected surface over steel joists, depth and centres to be determined by Structural Engineer. All installed strictly to manufacturers details.

PLATFORM LIFT
Gates: Antico 7000XT or similar external grade self supporting enclosed platform lift. Solid type enclosure (colour to be RAL 7016 to match containers) to be plastic film laminated hot dipped galvanised steel with a 1480x1100mm cabin size suitable for 410kg load. 2no landings with same side entry doors to be non-fire rated automatic swing doors with full height class 1 toughened glazing. 50mm deep lift pit. Allow for weathering base detail to lift manufacturers recommendations suitable for external use.

Platform lift enclosure frame to be clad with galv steel expanded metal cladding to match container unit cladding.

Structural
Lightweight galvanised steel SHS frame with angles and T sections for fixing of cladding to lift frame to be provided to SE design.

Civil
Gully to be provided to lift pit, located centrally in accordance with manufacturers recommendations. Refer to Civil Engineers drawings and specification for details.

Electrical
Allow for single phase supply for platform lift. Battery-backed LED lighting in shaft ceiling to standard details. Programmable Logic Controller with manual emergency lowering to ground floor. Emergency buzzer alarm with continuous-charged battery in the control unit and two way communication with intercom. All required power and cabling to be allowed for and provided by others.

RECORD DRAWINGS
This is a record of the latest construction issue on the project. It is not a survey of the completed works. Details shown on this drawing should be verified on site prior to undertaking any future works. For further details, reference should also be made to specialist consultant and sub-contractor's details.

ALL DIMENSIONS TO BE CHECKED ON SITE. DO NOT SCALE THIS DRAWING. ALL DISCREPANCIES TO BE REPORTED IMMEDIATELY. © COPYRIGHT AUTOCAD VERSIONS OF THIS DRAWING ARE GENERATED FROM REVIT AND ARE NOT CHECKED. THEY ARE PROVIDED TO CONSULTANTS AND CONTRACTORS FOR INFORMATION ONLY TO USE AT THEIR OWN RISK.

GENERAL KEY

- Site Boundary
- Proposed 1.8m high boundary fence/line with vehicular / personnel gates where indicated. Refer to EPT drawing 4001 for details
- Proposed galv. steel infill barriers between columns and container units, full height to u/s of FF deck structure. Secured access gates where indicated. Refer to EPT drawing 4001 for details
- Circa 1000mm high x 500mm long galv. steel Boycoo door guard or similar with rubber stop
- Asphalt concrete to Civil Engineers drawings & specification
- 'Natural' grey textured paving slabs to match existing on adjacent college site. Refer to Tobermore details
- 'Charcoal' grey textured paving slabs to match existing on adjacent college site. Refer to Tobermore details
- 'Natural' grey brick paving to parking bays. Refer to Tobermore details
- 'Charcoal' grey brick paving to parking bays. Refer to Tobermore details
- Areas of Soft Landscaping, planting and trees - refer to BGBCB landscape proposal drawings for details
- In situ concrete with large pebble mix to Civil Engineers drawings & specification
- Gullies and channel drains indicatively shown, refer to Civil Engineers drawings and specifications for details.
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- Services slots indicative locations. Refer to Civil Engineers drawings

CONTAINER TYPES KEY

- Type 1 (Standard) - 7620mm / 25ft.
- Type 2 (Long Unit 1) - 9144mm / 30ft.
- Type 3 (Long Unit 2) - 9144mm / 30ft.
- Type 4 (Long Unit 3) - 9144mm / 30ft.
- Type 5 (Toilet Unit) - 6058mm / 20ft.
- Type 6 (Bin Store) - 6058mm / 20ft.

GENERAL NOTES

- Refer to Civil / Structural Engineers drawings for external hard landscaping detail.
- Foundations and below ground drainage layouts and details.
- Refer to M&E drawings for extent of external lighting design.

H&S NOTES

Hazards identified:

- Works site adjacent to operational college site - ensure site boundary is fully secured during construction works
- Collision with columns on circulation routes. Manifestation or reflective hazard tape to be provided to columns
- Collision with u/s of stairs. GF guarding to be provided. Refer to EPT drg 4004 for details
- Potential for entrapment / compromised site security between gaps at ground floor container units. Client to confirm any requirements to close gaps between units

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No.	Revision Description	Date	By
06	Record drawing issue	01/02/21	DJS
05	Whiteline updated	24/01/21	DJS
04	Give-way whiteline added	06/01/21	DJS
03	Bin store relocated	25/08/20	DJS
02	Meter housing location added. Paving installation of charging point by future owner / tenant	17/08/20	DJS
01	Various updated following latest design team updates	22/07/20	DJS




Cyngor Bwrdeistref Sirol
Blaenau Gwent
County Borough Council

EPT PARTNERSHIP
CHARTERED ARCHITECTS

Client:
Kier Construction

Project:
Lime Avenue Box Units

Drawing Title:
Proposed Site Plan

Status: Record Drawing

Scale : 1 : 100 Original sheet size : A1

Project	Originator	Volume	Level	Type	Role	Number	Subsidiary	Revision
TWBU - EPT - 00 - 00 - DR - A - 2001 - CR - C06	EPT	00	00	DR	A	2001	CR	C06

EPT internal project ref.: 11153 Drawn by: DJS Checked by: MP Exported from model: 01/02/2021 18:38:59

Accessible parking signage on post stating in bilingual text "Blue Badge Holders Only"

3no yellow lined accessible parking bays

Galvanised steel stairs consisting of 20no equal risers and goings. Galv. steel handrails with galvanised vertical balustrading

23no bespoke prefab container units to be lined and insulated internally with rainscreen cladding facades. All to specialist manufacturers design. Bespoke container units consisting of 6no types. Refer to plan key on EPT GA Plans drawing 2002

External grade fire rated two-tier PPC aluminium mailboxes (22no total)

CAR PARKING

WPD METER HOUSING

BIN STORE

PROPOSED VEHICULAR ACCESS

1.8m High galvanised steel gates with lockable slip latch, site adjustable hangings, lockable drop down bolts & ground tubes

New low maintenance shrubs to conceal meter housing shown indicatively. Exact type and species TBC by Client

GRP WPD meter housing (size 450 x 2000mm) Colour to be dark grey to match container units TBC. Note 2m wide double access doors assumed to be located centrally

Bin store to be bespoke container unit (type 6) faced with rainscreen cladding

Proposed 1.8m high boundary fence/line with vehicular / personnel gates where indicated

Indicative location of future Electric Vehicle (EV) Charging Point. Contractor to provide infrastructure only. Final installation of charging point by future owner / tenant

Galvanised steel stairs consisting of 20no approx 152mm equal risers and 280mm goings. PPC steel handrails with galvanised vertical plate balustrading

1.8m High galvanised steel gates with lockable slip latch, site adjustable hangings, lockable drop down bolts & ground tubes

Galv. steel Boycoo door guard or similar with rubber stop

Paving finished level to be married up with in situ concrete finished level at Office A & Office I locations

1 EXISTING PATH

