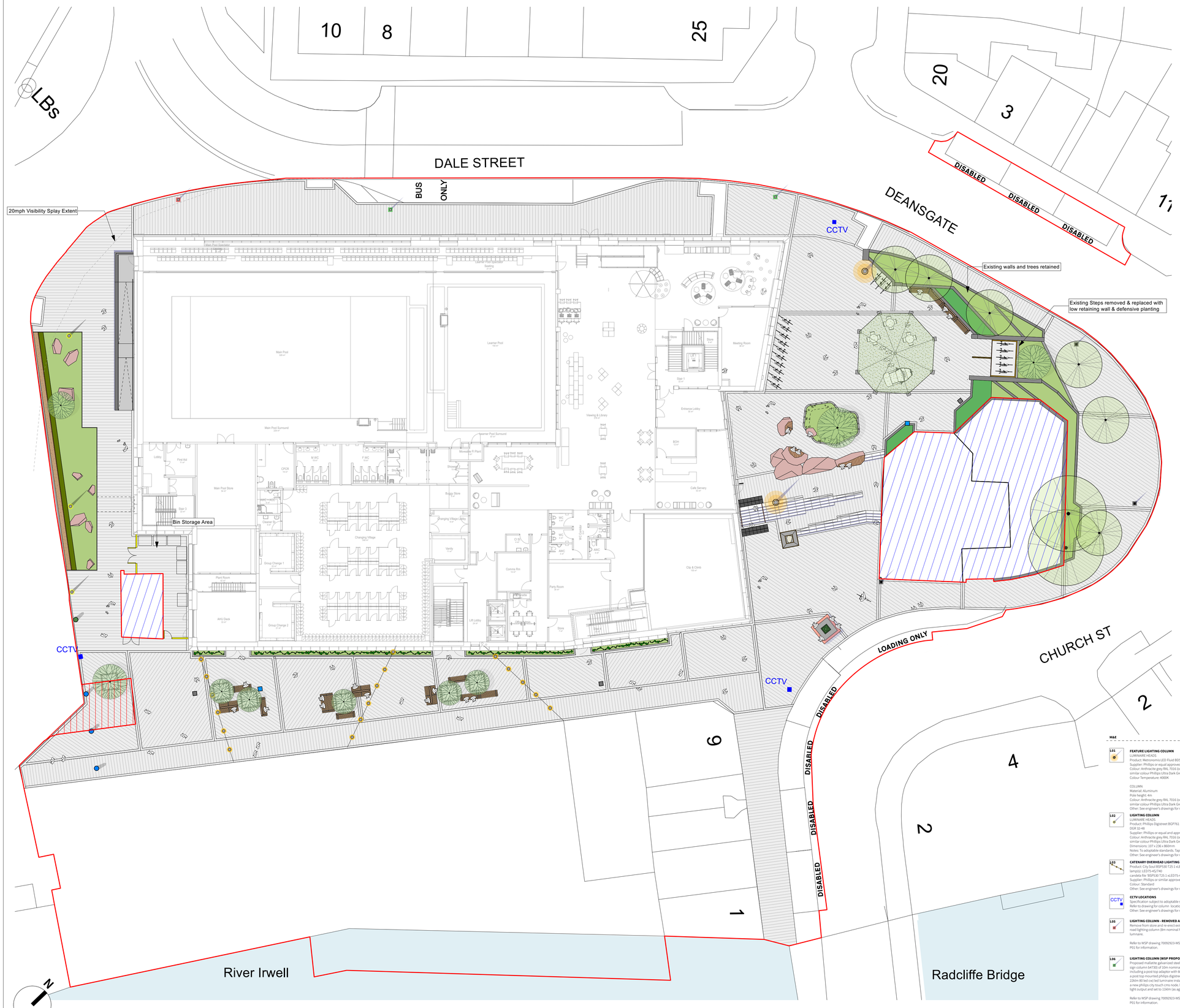



**SOFTWORKS**

**EXISTING TREE RETAINED**

**SEMI-MATURE TREE**
- Container grown
- See softworks drawing for more information

**SENSORY PLANTING**
- See planting schedule for information on sizes/density
- Species as per sensory planting schedule on page
- 50mm bark mulch to top
- 300 topsoil
- 200 subsoil

**ORNAMENTAL PLANTING**
- See planting schedule for information on sizes/density
- 50mm bark mulch to top
- 300 topsoil
- 200 subsoil

**EXISTING BANDSTAND SEDUM ROOF**
Product: Sedum Blanket System SG300
Material: Pre-grown blanket of sedum planting on growing medium
Size: 151mm total depth. 25mm sadum, 80mm growing medium, 45mm drainage board and protection fleece
Supplier: Sky Gardens Green Solutions or equal and approved
Other: Sedum roof, drainage and fixing as per engineer's design and details. To use existing bandstand drainage points and discharge points.

**NATIVE HEDGEROW**
Species: Hedge planting with native species.
Bushy form with no gaps.
Size: Maintained at 1000mm height, 1.2-1.5m rootballed single row.
Other: Timber post and wire fence to rear
Refer to Softworks schedule for more detail

**CLIMBING SPECIES**
Species: Native, evergreen and flowering species to climb up tensile wire system.
- See planting schedule for information on sizes/density.

Other: To be supported by SJI tensile wire system affixed to building as per supplier's recommendations
See climber detail drawing for more information.

**FURNITURE**

**P01 MEMORIAL TO ARENA ATTACK**
- Relocated within Piazza/Bridge Square
- New plinth, see details for more information

**P02 TIMBER LINEAR SEATING**
Product: Based on Hyde Bench by Baily Streetscene
Material: Modular hot-dipped galvanised frame with polyester powder coating. FSC hardwood timber slats. Stainless steel powder coated arm rest.
Size: 9000 L total x 630 W x 450mm H
Colour: Timber natural, frame RAL Anthracite grey 7016
Finish: Polyester powder coating
Supplier: Baily Streetscene or equal and approved as agreed with local authority
Other: With arm and back rests. Bespoke corner unit.

**P03 HANDRAILS TO STEPS**
Handrail, Posts & Structure
Material: Stainless steel
Size: 50mm diameter profile handrail, height above pitch line and landing 1100mm
Finish: Satin polished finish
Other: See steps details for more information

**P04 EXISTING RADCLIFFE CLOCK**
- Relocated and raised with new stone seating plinth to perimeter
- See details for more information

**P05 CYCLE STANDS**
Product: Marshalls Essential or equal and approved
Material: Stainless steel
Size: 750 L above ground x 798mm W
Finish: Brush satin
Supplier: Marshalls Street Furniture or equal and approved

**P06 CYCLE SHELTER**
Product: Custome based on8box B Cycle Shelter or equal and approved
Material: Timber cladding and steel frame
Size: 2290 H x 2700 W x 3900mm L
Supplier: Broxap equal and approved
Other: All details and fixing as per supplier's drawings
To house 5no. cycle stands (10 spaces)
To include roof, internal lighting and lockable gates

**P07.1 TIMBER COMMUNAL TABLE AND SEATING**
Product: Bespoke timber communal table and seating
Material: Modular hot-dipped galvanised frame with polyester powder coating. FSC hardwood timber slats. Stainless steel powder coated arm rest.
Size: Various sizes, see details for more information. Type 1: 1130 W, Type 2: 630 W, Type 3: 660 W x 2000 L x 450mm H
Colour: Timber natural, frame RAL Anthracite grey 7016
Finish: Polyester powder coating
Supplier: Baily Streetscene or equal and approved as agreed with local authority
Other: With arm and back rests depending on type. Arm rest overhangs seat edge as anti-skate.

**P07.2**

**P07.3**

**P08 COLLAPSABLE BOLLARDS**
Product: Kent Stainless Steel Coffin Bollard or equal and approved
Material: Stainless steel
Size: 900mm H from ground level
Supplier: Kent Stainless Steel or equal and approved
Colour: Contrasting banding RAL TBC
Finish: Stainless steel. Polyester powder coating banding
Other: Requires 200mm below ground foundation

**P09 STATIC BOLLARDS**
Product: Bilmsguard 25/10 protective bollard or equal and approved
Material: Stainless steel
Size: 1000H from ground level x 75mm Ø
Supplier: Marshalls Street Furniture or equal and approved
Colour: Contrasting banding RAL TBC
Finish: Stainless steel. Polyester powder coating banding

**P10 BIRD & BAT BOXES**
- See Ecological Enhancement drawing for more information

**P21 CHRISTMAS TREE BASE**
Product: Christmas tree base/foundations
Size: 600 x 600m recessed manhole cover and frame, 2000 x 2000 x 1200 below ground foundation/base
Other: Location to be agreed with engineers
Refer to Bury Council standard detail for more information

**P12 BALUSTRADE TO RAMP**
Material: Flat bar powder coated steel
Size: See details for more information
Colour: TBC
Other: To meet loading class 2 - 15Kn

**P13 TREE GRILLE**
Product: Recessed tree grille frame with space for pavers
Material: Galvanised steel frame
Size: 1800 x 1800 mm frame, 498mm Ø aperture
Supplier: Jones of Oswestry or equal and approved
Other: Gravel infill to aperture

**P14 LITTER BIN**
Product: Box Litter Bin( or equal and approved)
Supplier: Artform urban furniture (or equal and approved)
Material: Powder coated steel and UK sourced timber
Size: 517 W x 1005 L x 400mm H with 150 litre capacity
Colour: Timber: Natural. Metalwork: RAL 7016 anthracity grey 3% gloss.

To be compliant with Bury Councils Performance Specification:
1. Possess a capacity of 120-240 litres;
2. Contain a Galvanised liner.zinc coated steel;
3. Be free standing;
4. Provide 360 Degree access;
5. Contain a narrow aperture to prevent commercial waste being deposited;
6. The base should contain drainage holes in addition to, up to five mounting holes, (template to be supplied);
7. Possess a Key less locking system;
8. Ground fitting;
Pre drilled for ground fitting - ground fixings to be included
9. Co-mingled litter and dog waste logo to be placed on the bin;
10. Stainless Steel Cigarette stub plate;

**P16 DOOR PROTECTION HOOPS [F16]**
Product: BX14 / DR Door Barrier or equal and approved
Finish: RAL 7016 (anthracite grey)
Size: 450 W x 1020 H (including cost for submerged fixing). 42mm diameter
Supplier: Broxap [Tel: 01782564411]
Fixing: Root fixing.
Other: To include lower and upper flat plate crossbars. To be located 100mm from open door.

**P17 BIN STORAGE SCREEN**
Timber board and batten 2.1m minimum high
To include matchin gates as shown
Locking method to be agreed with Bury Council Waste Management Team

**P18 SANDSTONE BOULDERS WITH TIMBER TOP**
Location: Piazza/Bridge Square
Material: Red sandstone with FSC hardwood timber slatted top.
Supplier: Boulder by CED or equal and approved. Timber top by Woodscape or equal and approved. Polyester powder-coated arm rests.
Colour: Natural boulder and timber top
Size: various L x 400-600mm H typical. See details for more information
Foundations: Concrete to engineers specification
Other: To be devoid of sharp corners and be comfortable to the touch subject to quality visit. Some to include arm rests.

**P19 DOG LOOP POINT**
Location: Site wide
Material: Dog loop fixing point with signage
Supplier: TBC

**M&E**

**L01 FEATURE LIGHTING COLUMN**
LUMINAIRE HEADS
Product: Metronomis LED Fluid BD5670
Supplier: Phillips or equal approved
Colour: Anthracite grey RAL 7016 (or if not available similar colour Phillips Ultra Dark Grey)
Colour Temperature: 4000K

COLUMN
Material: Aluminum
Pole height: 4m
Colour: Anthracite grey RAL 7016 (or if not available similar colour Phillips Ultra Dark Grey)
Other: See engineer's drawings for more information

**L02 LIGHTING COLUMN**
LUMINAIRE HEADS
Product: Phillips Digistreet BGP761 LED94-/740 I DI10 DGR 32-48
Supplier: Phillips or equal and approved
Colour: Anthracite grey RAL 7016 (or if not available similar colour Phillips Ultra Dark Grey)
Dimensions: 107 x 236 x 860mm
Notes: To adoptable standards, Tapered column.
Other: See engineer's drawings for more information

**L03 CATENARY OVERHEAD LIGHTING**
Product: City Soul BSP787 T25 1 xLED75-4S/740 D550 lamp(s): LED75-4S/740
candela Ne 'BSP530 T25 1 xLED75-4S740 D550 ldt'
Supplier: Phillips or similar approved
Colour: Standard
Other: See engineer's drawings for more information

**CCTV LOCATIONS**
Specification subject to adoptable standards
Refer to drawing for column locations
Other: See engineer's drawings for more information

**L05 LIGHTING COLUMN - REMOVED AND RE-ERECTED (WSP)**
Removal from store and re-erect existing road lighting column (8m nominal height) and luminaire.

Refer to WSP drawing 70092923-WSP-HLG-RCHUB-DR-LI-0002 P01 for information.

**L06 LIGHTING COLUMN (WSP PROPOSED)**
Proposed mallatite galvanised steel road lighting column (bury sign column b4700 of 10m nominal height with planted base including a post top adaptor with 60mm spigot complete with a post top mounted philips digistreet medium (bgp762 dw10 22kHn 80 led cw) led luminaire installed at zero degree tilt and a new philips city touch cms mode. lantern shall run at 50% light output and set to 11klm (as agreed with bmbc)

Refer to WSP drawing 70092923-WSP-HLG-RCHUB-DR-LI-0002 P01 for information.

**L07 EXISTING COLUMN RETAINED (WSP)**
Existing column and luminare to remain

Refer to WSP drawing 70092923-WSP-HLG-RCHUB-DR-LI-0002 P01 for information.

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**NOTES:**
1. Do not scale from this drawing.
2. Always work to noted dimensions.
3. All dimensions are in millimetres unless otherwise stated.
4. All setting out, levels and dimensions to be agreed on site.
5. The dimensions of all materials must be checked on site before being laid out.
6. This drawing must be read with the relevant specification clauses and detail drawings.
7. Order of construction and setting out to be agreed on site.

**KEY**

**Project Redline Boundary**

**Unadopted Area**

**Existing Site Structures - no proposed works**

**HARDWORKS**

**P01.1 / P01.2 CONCRETE PAVING WITH NATURAL AGGREGATE FINISH**
Location: Site wide
Material: Kellen - Lisico or equal and approved
Manufacturer: Hardscape Ltd or equal and approved
Colour: Tagenta E
Size: W150mm x L 300mm x D 80mm to vehicular (P01.1) & D 62mm to pedestrian (P01.2)
Bond/Finish: Stretcher.

**P02 CORDUROY MARKING PAVING**
Location: To top and bottom of steps in public realm
Material: Corduroy concrete units
Manufacturer: Marshalls or equal and approved
Colour: Contrasting tone to adjacent paving
Size: 400mm L x 400mm W x 50mm D
Bond: Stack bond

**P03 SANDSTONE CUT BOULDERS**
Location: Site wide
Material: Red sandstone with artwork opportunity integrated TBC
Supplier: CED or equal and approve
Colour: Natural
Size: 1000mm L x 600mm H
Foundations: Concrete to engineers specification
Other: To be devoid of sharp corners and be comfortable to the touch subject to quality visit

**P05 GRANITE STEPS**
Material: Granite
Colour: Royal White steps and midnight black nosing
Finish: Steps and nosings flamed
Supplier: Hardscape or equal and approved
Size: W 300 x L 915 x D 150. Top step W 400. 50x50mm nosing
Other: Artwork opportunity on risers
Refer to details for more information

**P06 RAMP TO HUB BUILDING**
Ramp
Material: Insitu, fine smooth finished cast high-quality concrete wall, tapering with ramp. Brushed concrete pavings.
Size: See details for more information.
Other: Subject to further design detail with engineers

Cladding/Coping
Material: Brick cladding to wall.
Size: 215 x 102.5 x 65mm
Colour: TBC with architect
Manufacturer: TBC with architect
Appearance: Creased

Balustrade
Material: Flat bar powder coated steel
Size: See details for more information
Colour: TBC
Other: To meet loading class 2 - 15Kn

**P07 HEADER COURSE**
Location: Site wide
Material: Kellen - Lisico (or equal and approved)
Manufacturer: Hardscape Ltd or equal and approved
Colour: Tagenta E
Size: W150mm x L 200mm x D70mm
Finish: Lisico
Bond: Stretcher

**P08 EXISTING RETAINING WALL RELOCATED**
Location: South of long term secure cycle store
Material: As existing
Other: Existing wall relocated to accomodate long term secure cycle store, repointed and made good as required

**P09 PROPOSED RETAINING WALL**
Location: East of long term secure cycle store
Material: To match existing adjacent retained wall
Manufacturer: Hardscape Ltd or equal and approved
Colour: To match existing
Size: To match existing brick sizes, Overall 250mm D x 550mm H x various D
Finish: To match existing
Bond: To match existing

**P10 BARK MULCH STRIP**
Location: Between kerb and hedge
Material: General amenity grade bark mulch
Manufacturer: Contractor to advise
Colour: Natural
Size: 500mm W x 50mm consolidated D

**P11 EROSION CONTROL GRAVEL**
Material: Graded stone/gravel for erosion control to engineer's specification
Manufacturer: To engineer's specification
Size: To engineer's specification, 50mm consolidated depth
Location: To planter edges at kerb inlets

| Revision | Date | Description | Drawn | Apprvd. |
|---|---|---|---|---|
| S3-P15 | 28-06-2023 | Highway & Binstore updates | RM | RM |
| S3-P14 | 26-05-2023 | Stage 04 Issue | JTO | RM |
| S2-P13 | 10-05-2023 | Interim Stage 04 Issue (WIP) | RM | RM |
| S2-P12 | 23-02-2023 | BIN STORE SHOWN | RM | RM |
| S2-P11 | 17-02-2023 | FOR PLANNING | RM | RM |
| S2-P10 | 13-02-2023 | FOR COMMENT | JTO | RM |
| S2-P09 | 06-02-2023 | FOR COMMENT | RM | RM |
| S2-P08 | 27-01-2023 | STAGE 03 | JTO | RM |
| S2-P07 | 17-10-2022 | STAGE 03 | JTO | RM |
| S2-P06 | 05-08-2022 | STAGE 03 | JTO | RM |
| S2-P05 | 19-07-2022 | STAGE 03 | JTO | RM |
| S2-P04 | 16-06-2022 | STAGE 03 | JTO | RM |
| S2-P03 | 10-05-2022 | STAGE 03 | JTO | RM |
| S2-P02 | 25-01-2022 | STAGE 02 | JTO | RM |

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**Client** Bury Council

**Project** Radcliffe Civic Hub

**Drg Title** Landscape General Arrangement

| Created on | Created by | Approved by |
|---|---|---|
| 04-01-2022 | JTO | RM |

| Scale | Size | Workstage |
|---|---|---|
| 1:200 | A1 | Stage 04 |

**Drg No.** RADHUB-PIE-00-00-DR-L-0001 **Suitability** S3 **Revision** P15

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