



**Key to Landscape Master plan:**

- Application boundary
- Ownership boundary

**EXISTING FEATURES:**

- Existing trees

**SOFT LANDSCAPE ELEMENTS:**

**PROPOSED ELEMENTS:**

- Medium sized trees in a variety of species
- Replacement tree planting to mitigate tree losses. Medium to large trees in a variety of species
- Small trees with light canopies
- Species rich turf
- Seasonal bulbs
- Evergreen hedge and structural shrub planting
- Ornamental shrub and herbaceous mix

**HARD LANDSCAPE ELEMENTS:**

**Retaining walls and level differences:**

- Low level masonry retaining walls with brick-on-edge or pre-cast concrete coping. Masonry to match architecture.
- Please refer to detail drawings:  
 HCC004-BBA-Z0-00-DR-L-7814 - Embankment retaining wall sections 1  
 HCC004-BBA-Z0-00-DR-L-7815 - Embankment retaining wall sections 2  
 HCC004-BBA-Z0-00-DR-L-7817 - Embankment retaining wall sections 3
- Reinforced concrete retaining walls.  
 Please refer to detail drawings:  
 HCC004-BBA-Z0-00-DR-L-1153 - HQ External staircase & retaining wall  
 HCC004-BBA-Z0-00-DR-L-7819 - HQ Building - North-east retaining wall

**Reinforced concrete retaining walls.**

- Please refer to detail drawings:  
 HCC004-BBA-Z0-00-DR-L-1008 - Fire Station Yard - Landscape General Arrangement

**Staircases**

- Please refer to detail drawings:  
 HCC004-BBA-Z0-00-DR-L-7806 - HQ Building - Eastern staircase  
 HCC004-BBA-Z0-00-DR-L-7808 - HQ Building - North west external staircase 1  
 HCC004-BBA-Z0-00-DR-L-7820 - HQ Building - North west external staircase 2  
 HCC004-BBA-Z0-00-DR-L-7822 - Stairs in Fire Station Yard 1  
 HCC004-BBA-Z0-00-DR-L-7823 - Stairs in Fire Station Yard 2  
 HCC004-BBA-Z0-00-DR-L-7816 - Staircase alterations at new camped access

**Surfacing:**

(All base build-ups to Engineer's specification)

- Staff break-out area. Light coloured concrete blocks in a banded pattern.
- Main access paths. Concrete blocks in stretcher bond pattern with header course edging.
- Parade ground. Permeable concrete blocks in herringbone pattern, with parking demarcation in block of contrasting colour.
- Memorial area. Pre-cast concrete setts placed in circular patterns to create a detail element.
- Permeable parking areas. Interlocking concrete cavity pavers.
- General circulation around building. Grey coloured concrete blocks in stretcher bond with header course edging.
- Self-binding gravel in break-out areas.
- Paving flags on staircases. Silver grey concrete flags in stack bond.
- Disability parking bays. Permeable concrete blocks in herringbone pattern, with parking demarcation and disability circulation in permeable blocks of contrasting colour.
- Pedestrian crossing points. Marshalls Pre-cast concrete, Tactile Blister Blocks
- Pedestrian crossing points. Natural stone Tactile Blister Blocks
- Pea Gravel on weedproof membrane. Gravel margins adjacent buildings and placeholder surfacing for memorial area.
- Hazard paving blocks. For tops and bottom ends of staircases and ramps.
- Existing vehicular tarmacadam surfacing to remain
- New vehicular tarmacadam surfacing to Engineers specification.
- New pedestrian asphalt surfacing to selected footpaths.
- Proposed Vehicular concrete surfacing.
- Concrete surfacing (non vehicular)

**Furniture and accessories:**

- Cycle stands. GMS Sheffield cycle stands, root fixed
- Telescopic, lift assist bollard
- Standard bollards
- Anti-ram bollards
- Waterfeature. Circular corten steel water with bubbling fountain.
- Hardwood bench. Size: 1.7m high, with visibility section.
- Bespoke hardwood benches
- Litter bin

**Fencing elements:**

For detailed information on fencing elements, please refer to:

- HCC004-BBA-Z0-00-DR-L-1210 - Fencing, barriers & bollards 1
- HCC004-BBA-Z0-00-DR-L-1211 - Fencing, barriers & bollards 2

- Flat top railings. Galvanised mild steel to top of retaining walls and in areas where fall exceeds 350mm. Colour: Natural steel. Size: 100mm height
- Flat top railings. Galvanised mild steel to top of retaining walls and in areas where fall exceeds 350mm. Colour: Epoxy coated grey, Anthracite RAL 7014. Size: Height varies, refer to detail drawings.
- Pedestrian highway barrier. Size: 1.1m high, with visibility section. Colour: Galvanised mild steel, natural steel colour, not painted.
- Existing welded mesh fencing to remain or made good. Size: 2.4m high. All new panels to match existing.
- Proposed welded mesh fencing
- Welded mesh fencing with timber slats incorporated. Two heights, 2.4m on southern perimeter of RTC yard and 3.0m high to screen sub-station.
- Close board fencing. Around bin store, 1.8m high.

Double leaf gate to match fencing around bin store. Size: 1.8m high x 2.1m clear opening with heavy duty hinges and thumb lock system. Fixed to galvanised mild steel posts, set in concrete foundations to Structural Engineer's specification.

**Gates and Vehicle barriers:**

- Access control barriers. Automated access barrier to security consultant specifications.

**Kerbs, edgings & Landscape Protection:**

For detailed information on kerb layout, please refer to:

- HCC004-BBA-Z0-00-DR-L-1200 - HQ & Training Arena - Kerbs and Edg
- HCC004-BBA-Z0-00-DR-L-1201 - HQ & Training Arena - Kerbs and Edg
- HCC004-BBA-Z0-00-DR-L-1202 - West of HQ - Kerbs and Edges 1
- HCC004-BBA-Z0-00-DR-L-1204 - Parking Area - Kerbs and Edges 4
- HCC004-BBA-Z0-00-DR-L-1203 - Fire Station - Kerbs and Edges 5

**Impact barriers**

- Low level protection barriers. Powder coated, galvanised mild steel, fixed below ground in concrete footings.

**Vehicle barrier**

- Galvanised mild steel vehicle barrier, root fixed to concrete foundations to Structural Engineer's specification.

**Telescopic, lift assist bollard**

- Heavy duty bollards to provide flexible access arrangement to parade ground. Fixed below ground in concrete footing.

**Standard bollards**

- Stainless steel bollard with semi-domed top, fixed 300mm below ground in concrete footing.

**Anti-ram bollards**

- Rating to withstand impact of 4.5 tonne and 40km/h in reinforced concrete foundations.

**Other elements:**

- Electric vehicle charging station. To be installed by Wilmot Dixon under this contract (Refer to specialist supplier's details for installation)
- Electric vehicle charging station. Future provision, to be installed by others under a separate contract (Refer to specialist supplier's details for installation)
- Proposed flag poles. 6m high, white fibre glass flag poles, root fixed in concrete foundation
- CCTV Poles. Existing and proposed. (To Electrical Engineer's specification)

**Drainage elements:**

- Drainage channels. Also slot-drainage channels to door thresholds and curtain wall sections. Product to Engineer's Drainage design specification.
- Gully positions. Proposed gully inlets. Product to Engineer's Drainage design specification.

rev	description	drawn	checked	date
P05	-Minor updates to landscape adjacent the TRTC and BA building.	LWW	BB	2024/10/15
P04	-updates to memorial area, training arena path, area surrounding the station.	LWW	BB	2024/04/11
P03	-Clarification on planning application boundaries	LWW	BB	2024/04/04
P02	-Additional survey info added to correct information around north-west corner of BA building.	LWW	BB	2024/03/20
P01	-Issued for Planning Information	LWW	BB	2024/03/07



**BOND BRYAN**  
 The Church Studio Springvale Road Sheffield S10 1LP  
 t 0114 266 2040  
 e info@bondbryan.co.uk  
 www.bondbryan.co.uk

**West Yorkshire Fire & Rescue**

**Birkenshaw Fire Services HQ**  
**Oakroyd Hall Site**



**Landscape Masterplan 2**

Originator project ref	Purpose of Issue
21018	For Stage Approval
Scale(s)	Status
1:400	S4 Stage 4
paper size	Revision
A0	P05

project	originator	volume	level	type	role	number	status	revision
HCC004	BBA	Z0	00	DR	L	1072	S4	P05