



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:
- RW3 Low level masonry retaining walls with brick-on-edge or pre-cast concrete coping. Masonry to match architecture.
 - RW2 Reinforced concrete retaining walls. Please refer to detail drawings: HQC004-BBA-Z0-00-DR-L-7814 - Embankment retaining wall sections 1; HQC004-BBA-Z0-00-DR-L-7815 - Embankment retaining wall sections 2; HQC004-BBA-Z0-00-DR-L-7817 - Embankment retaining wall sections 3
 - RW2 Reinforced concrete retaining walls. Please refer to detail drawings: HQC004-BBA-Z0-00-DR-L-1153 - HQ External staircase & retaining wall; HQC004-BBA-Z0-00-DR-L-7819 - HQ Building - North-east retaining wall
 - RW1-275, RW2-300, RW3-300 Reinforced concrete retaining walls. Please refer to detail drawings: HQC004-BBA-Z0-00-DR-L-1008 - Fire Station Yard - Landscape General Arrangement
- Staircases**
 Please refer to detail drawings:
 HQC004-BBA-Z0-00-DR-L-7806 - HQ Building - Eastern staircase
 HQC004-BBA-Z0-00-DR-L-7820 - HQ Building - North west external staircase 1
 HQC004-BBA-Z0-00-DR-L-7822 - HQ Building - North west external staircase 2
 HQC004-BBA-Z0-00-DR-L-7823 - Stairs in Fire Station Yard 2
 HQC004-BBA-Z0-00-DR-L-7816 - Staircase alterations at new canopied access
- Surfacing:**
 (All base build-ups to Engineer's specification)
- P1 Staff break-out area. Light coloured concrete blocks in a banded pattern.
 - P2 Main access paths. Concrete blocks in stretcher bond pattern with header course edging.
 - P3 Parade ground. Permeable concrete blocks in herringbone pattern, with parking demarcation in block of contrasting colour.
 - P4 Memorial area. Pre-cast concrete setts placed in circular patterns to create a detail element.
 - P5 Permeable parking areas. Interlocking concrete cavity pavers.
 - P6 General circulation around building. Grey coloured concrete blocks in stretcher bond with header course edging.
 - P7 Self-binding gravel in break-out areas.
 - P8 Paving flags on staircases. Silver grey concrete flags in stack bond.
 - P9 Disability parking bays. Permeable concrete blocks in herringbone pattern, with parking demarcation and disability circulation in permeable blocks of contrasting colour.
 - P10 Pedestrian crossing points. Marshalls Pre-cast concrete, Tactile Blister Blocks
 - P11 Pedestrian crossing points. Natural stone Tactile Blister Blocks
 - P6 Pea Gravel on weedproof membrane. Gravel margins adjacent buildings and placeholder surfacing for memorial area.
 - T6 Hazard paving blocks. For tops and bottom ends of staircases and ramps.
 - T7 Existing vehicular tarmac surfacing to remain
 - T8 New vehicular tarmac surfacing to Engineers specification.
 - T9 New pedestrian asphalt surfacing to selected footpaths.
 - C1 Proposed Vehicular concrete surfacing.
 - C2 Concrete surfacing (non vehicular)
- Furniture and accessories:**
- CS1 Cycle stands. GMS Sheffield cycle stands, root fixed
 - BT1 Telescopic, lift assist bollard
 - BT2 Standard bollards
 - BT3 Anti-ram bollards
 - WF1 Waterfeature. Circular corten steel water with bubbling fountain.
 - SB1 Hardwood bench
 - SB2 Bespoke hardwood benches
 - LB1 Litter bin
- Fencing elements:**
 For detailed information on fencing elements, please refer to:
 HQC004-BBA-Z0-00-DR-L-1210 - Fencing, barriers & bollards 1
 HQC004-BBA-Z0-00-DR-L-1211 - Fencing, barriers & bollards 2
- R1-1100 Flat top railings. Galvanised mild steel to top of retaining walls and in areas where fall exceeds 380mm. Colour: Natural steel. Size: 1100mm height
 - R2 Flat top railings. Galvanised mild steel to top of retaining walls and in areas where fall exceeds 380mm. Colour: Epoxy coated grey, Anthracite RAL 7014. Size: Height varies, refer to detail drawings.
 - R3 Pedestrian highway barrier. Size: 1.1m high, with visibility section. Colour: Galvanised mild steel, natural steel colour, not painted.
 - F.E.WM 2400 Existing welded mesh fencing to remain or made good. Size: 2.4m high. All new panels to match existing.
 - F.WM 2400 Proposed welded mesh fencing
 - F.WMAY 2400, F.WMAT 3000 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.
 - F.CB-1800 Close board fencing. Around bin store, 1.8m high.

- G2 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:**
- G3 Access control barriers. Automated access barrier to security consultant specifications.
- G4 Access control gates. Automated access barrier to security consultant specifications.
- Kerbs, edgings & Landscape Protection:**
- For detailed information on kerb layout, please refer to:**
 HQC004-BBA-Z0-00-DR-L-1200 - HQ & Training Arena - Kerbs and Edg
 HQC004-BBA-Z0-00-DR-L-1201 - HQ & Training Arena - Kerbs and Edg
 HQC004-BBA-Z0-00-DR-L-1202 - West of HQ - Kerbs and Edges 3
 HQC004-BBA-Z0-00-DR-L-1204 - Parking Area - Kerbs and Edges 4
 HQC004-BBA-Z0-00-DR-L-1203 - Fire Station - Kerbs and Edges 5
- VB1 Impact barriers. Low level protection barriers. Powder coated, galvanised mild steel, fixed below ground in concrete footings.
- VB2 Vehicle barrier. Galvanised mild steel vehicle barrier, root fixed to concrete foundations to Structural Engineer's specification.
- BT1 Telescopic, lift assist bollard. Heavy duty bollards to provide flexible access arrangement to parade ground. Fixed below ground in concrete footing.
- BT2 Standard bollards. Stainless steel bollard with semi-domed top, fixed 300mm below ground in concrete footing.
- BT3 Anti-ram bollards. Rating to withstand impact of 4.5 tonne and 40km/h in reinforced concrete foundations.
- Other elements:**
- EV1 Electric vehicle charging station. To be installed by Willmott Dixon under this contract (Refer to specialist supplier's details for installation)
- EV2 Electric vehicle charging station. Future provision, to be installed by others under a separate contract (Refer to specialist supplier's details for installation)
- FF1 Proposed flag poles. 6m high, white fibre glass flag poles, root fixed in concrete foundation
- CTV1 CCTV Poles. Existing and proposed. (To Electrical Engineer's specification)
- Drainage elements:**
- DC1 Drainage channels. Also see drainage channels to door thresholds and curtain wall sections. Product to Engineer's Drainage design specification.
- GU1 Gully positions. Proposed gully inlets. Product to Engineer's Drainage design specification.

Vehicle barriers (Bradford Road & Whitehall Road entrances), turnstiles and DDA works to Fire Station awaiting WYFRS Instruction and subject to Planning Approval.

FIRST PLANNING APPLICATION BOUNDARY

rev	description	drawn	checked	date
P04	-Updates to memorial area, training area path, also surrounding fire 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

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West Yorkshire Fire & Rescue
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Landscape Masterplan 1

Originator project ref	Purpose of Issue
21018	For Stage Approval
Scale(s)	Status
1:400	S4 Stage 4
Paper size	Revision
A0	P04

project	originator	volume	level	type	role	number	status	revision
HQC004	BBA	Z0	00	DR	L	1071	S4	P04