A1

KEY

SITE BOUNDARY

PROPOSED HARDWORKS

S1 **CLAY PAVING**
Location: to pedestrian public areas
Material: natural clay paving
Colour: two colour mixes in warm buff tones TBC
Size: 200 (l) x 65 (w) x 85 (d)mm
Finish: sanded/watershrunk TBC
Laid: stretcher/herringbone bond TBC

S2 **TEMPORARY ASPHALT SURFACE (PERMEABLE)**
Location: to vehicular carriageway on Red Bank Plateau
Material: permeable tarmacadam.
Spec: vehicular build up. TBC

S2.1 **TEMPORARY ASPHALT SURFACE (PERMEABLE)**
Location: to pedestrian routes sitewide
Material: permeable tarmacadam.
Spec: pedestrian build up. TBC

S3 **NATURAL STONE SETTS**
Location: to St Catherine's Wood entrance area
Material: natural granite setts
Colour: warm buff tones TBC
Size: 100 (l) x 100 (w) x 80 (d)mm
Finish: cropped sides, sawn top TBC
Laid: stretcher bond

S4 **RESIN BONDED GRAVEL**
Location: to St Catherine's Wood and viaduct paths
Material: resin bonded natural gravel stones
Colour: warm buff tones TBC

S5 **GREEN GAP BLOCK PAVING**
Location: to Union Bridge Waterfront
Material: opportunity to use reclaimed cobbles (to be developed further in RIBA Stage 4)
Colour: TBC
Size/finish: TBC
Laid: stretcher with gaps for planting/grass

S6 **ELEVATED DECKING**
Location: Red Bank Terraces and St Catherine's Wood
Spec: To meet required slip resistance standards
Finish: TBC

DECKING STEPS
Location: Red Bank Terraces and St Catherine's Wood
Spec: To meet required slip resistance standards
Finish: TBC

TWS **TACTILE HAZARD WARNING STRIPS**
Location: Red Bank Terraces and St Catherine's Wood at top/bottom of step flights
Spec: TBC

S7 **ELEVATED DECK**
Location: to elevated walkway/cycle route in St. Catherine's Wood and Union Waterfront deck
Material: TBC
Colour: buff/natural tones
Finish: to meet required slip resistance

S8 **PRE-CAST CONCRETE STEPS**
Location: to Union Bridge Waterfront and Red Bank Terraces
Material: pre-cast concrete
Colour: buff/natural tone
Finish: acid etched with contrasting nosings

S8.1 **PRE-CAST CONCRETE SEATING STEPS**
Location: to Union Bridge Waterfront and lower Red Bank Terraces
Material: pre-cast concrete
Colour: buff/natural tone
Finish: acid etched with contrasting nosings

S8.2 **TACTILE CONDUROY HAZARD PAVING**
Location: Red Bank Terraces and Union Waterfront wherever there are steps
Material: pre-cast concrete coundurory pavers
Colour: natural TBC
Size: 400 (l) x 400 (w) x 50 (d)mm
Finish: textured
Laid: stack bond

S9 **TACTILE BLISTER HAZARD PAVING**
Location: road crossings
Material: pre-cast concrete blister pavers
Colour: natural TBC
Size: 400 (l) x 400 (w) x 50 (d)mm
Finish: textured
Laid: stack bond

S10 **TIMBER TOPPED SEATING STEPS**
Location: to Red Bank Terraces and Union Wi front
Material: gabion baskets (opportunity to fill rear with site won recycled material. Front faced in natural sandstone) with a timber top seat TBC
Colour: buff/natural tones TBC
Spec: TBC

S11 **BARK CHIPPINGS**
Location: to secondary pedestrian paths in St. Catherine's Wood
Material: high grade bark chippings
Colour: natural

TIMBER STEPS ALONG BARK PATH
Location: to informal tertiary routes within St Catherine's Wood
Material: FSC timber TBC
Colour: natural/treated timber TBC
Spec: TBC

S12 **RUBBER BARK LOOK CHIPPINGS**
Location: to St. Catherine's Wood Play Area
Material: Tiger Bark or similar and approved
Colour: natural

STEPPING STONE PATH
Location: to tertiary route within St Catherine's Wood
Material: natural stone TBC
Colour: buff/natural tones TBC
Size: TBC
Finish: to meet required slip resistance TBC
Laid: on concrete haunchings

PROPOSED SOFTWORKS

PROPOSED TREE PLANTING
Subject to further detailed design

EXISTING TREES RETAINED
Subject to further detailed design

M1 **EXISTING WOODLAND ENHANCED**
To St. Catherine's Wood
Refer to drawing for notes
Approx area: 12215m²

M2 **WOODLAND MATRIX MIX**
To St. Catherine's Wood
Refer to drawing for notes
Approx area: 5960m²

M3 **WOODLAND EDGE MIX**
To St. Catherine's Wood
Refer to drawing for notes
Approx area: 1265m²

M4 **ORNAMENTAL PLANTING**
To Red Bank Terraces
Refer to drawing for notes
Approx area: 3155m²

M5 **ORNAMENTAL PLANTING**
To Viaduct Linear Park
Refer to drawing for notes
Approx area: 1412m²

M6 **AQUATIC MARGINAL VEGETATION**
To Rivers Edge
Refer to drawing for notes
Approx area: 2690m²

HEDGE PLANTING
Mixed native species hedgerow mix to northern boundary
Approx area: 73m², Approx length: 50m

RB06

RB07

NT01

INSET AREA A

Landscape implemented as part of the plot design.

Landscape implemented as part of the plot design.

Existing bank cleared of fly tipped material and debris

Section of river wall removed

Drainage Outfall

Permeable green gap paving

Clay paving

Active edge/clear route for vehicular access, pedestrians & cyclists

Timber topped concrete benches

Planting terraces

Accessible lower route

Concrete seating terraces stepping down to lower level near rivers edge

Channel definition created using flow deflector D's created with staked timber backfilled with brash, soil and planted with native species

Section of river wall removed

Sunken landform for attenuation

Drainage Outfall

Resin bonded gravel path linking to St. Catherine's Wood

Section of river wall removed

CRABBE STREET

HARGREAVE STREET

Union Bridge

Tarmac

Conc

GP

LP

RS

Ta

P

WMF 1.8m

WMF 1.9m

LP Disused

1:21

1:24

1:3

1:3.5 Regraded Slope

1:40

1:55

1:31

1:32

12 steps @ 0.166

9 steps @ 0.166

6 steps @ 0.166

NOTE: Future Plot Extents are Indicative Only

Rev	Date	Description	By	Chkd	Appd	Auth
P02.04	02.03.22	Final Draft Planning	CL	MS	GB	GB
P02.03	14.02.22	Draft Planning	CL	MS	GB	GB
P02.02	04.02.22	Draft Planning	BM	MS	GB	GB
P02.01	28.01.22	Draft Planning	BM	MS	GB	GB
P01	17.12.21	Stage 3 Issue	SR	MS	GB	GB

Client

MANCHESTER CITY COUNCIL

bam nuttall

Project Title

Victoria North HIF Infrastructure

Key Plan

Drawing Title

Union Plaza - Detailed Area Plan
For Approval

Scale at A1	Planit-IE Job No
1:250	2700

Role: Landscape Architect

Suitability: S2

Rev	By	Chkd	Appd	
P02.04	SR	MS	MS	
	Date	Date	Date	
	17.12.21	17.12.21	17.12.21	

Name

Project	Originator	Volume	Location	Type	Role	Number
VNIF	PLA	ZZ	YYY	DR	L	1012

Do not scale

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