



# Landscape Masterplan

## BURTON WASHLANDS CENTRAL ENHANCEMENTS

VERSION 1.0

2 December 2019



In partnership with





# Burton Washlands Enhancements: Landscape Masterplan Overview



## The Meadows

Wildflower meadows designed to provide maximum colour and long flowering periods, both for wildlife value and public benefit. Access improvements designed to connect people and the river, enabling and promoting exploration into the wider Washlands area

## Library Area and Public Realm

Public realm and lighting improvements along Meadowside Drive and at the library, along with a flagship new play area within a natural setting. This area is designed to become a new gateway into the Washlands

## Wetlands Demonstration Zone

Pond and swale designed to provide more control over where water goes when the area is inundated by moderate / regular flood events. A range of wetland habitats and boardwalks designed to demonstrate the biodiversity of the Washlands, with signposting to natural habitats in the wider Washlands area

## Garden of Remembrance

'Accelerated management', relaying of stone footpaths and improvement of lighting, to enhance the existing heritage, character and qualities of the gardens





# Burton Washlands Enhancements: Landscape Masterplan

The Meadows

## Legend

### Existing

- Line of flood defence
- Trees
- Amenity grassland

### Proposed

- Trees
- Pictorial meadow planting
- Wet meadow planting
- Recycled plastic boardwalk
- Mown grass footpath



Pictorial Meadow  
© Plantpartner



Wet Meadow  
© Plantpartner



## Artist's Illustration



Artist's Illustration

View into the Meadows from Burton Bridge

## Design Proposals

- 1 Lighting improvements to bridge underpass
- 2 Provide contemporary fingerpost signage that incorporates consistent bespoke branding, unique to the Washlands
- 3 Potential architectural lighting to Burton Bridge
- 4 Removal of self seeded vegetation from the ramp to open up views into the Washlands, a strip of mown grassland retained to enable maintenance access to the ramp arches
- 5 Re-coppice tree group
- 6 Provide contemporary interpretation signage boards that incorporate consistent bespoke branding, unique to the Washlands
- 7 Incidental play equipment 'Listening to Water' and addition of a riverside platform to create direct and indirect access to the River Trent
- 8 Nature trail markers that also function as bespoke Washlands themed rubbing posts demarcate the route whilst providing an activity trail for younger children
- 9 Wildflower only mix comprising native and non-native species for use in 'garden' area by proposed Bargates development. Species mix chosen to have a high aesthetic impact at this gateway to the Washlands and have a long flowering season which will be of benefit to pollen seeking insects such as bees
- 10 Wet meadow mix comprised of native wildflowers and grasses, based on the vegetation of traditional floodplain and water meadows.
- 11 River bank reprofiling to improve river habitats for wildlife
- 12 A seating area and viewing platform located at the end of the vista created by the proposed Bargates housing development, provides an accessible space surrounded by a mosaic of habitats
- 13 Maintenance access provided over the swale
- 14 Public Right of Way 'Burton 8' widened as part of the Flood Risk Management Scheme (FRMS), improving suitability as locally promoted cycle route, and reflecting potential increased use with proposed Bargates housing development



# Burton Washlands Enhancements: Landscape Masterplan

Wetlands Demonstration Zone



## Legend

Existing

Line of flood defence

Trees

Amenity grassland

Proposed

Trees

Pictorial meadow planting

Wet meadow planting

Raised boardwalk

Mown grass footpath



Artist's Illustration

View south from footpath by leisure Centre

## Design Proposals

- ① Nature trail markers that also function as bespoke Washlands themed rubbing posts demarcate the route whilst providing an activity trail for younger children
- ② Invasive non-native species clearance along the river bank, extending into the woodland area
- ③ Access to unused groundwater extraction chambers in this location (owned by Molson Coors) to be retained
- ④ Scattered native tree planting along the footpath creates narrow glimpses into the Washlands, additional tree planting to gap up the adjacent tree group increases feeling of enclosure within the greenspace
- ⑤ Provide contemporary interpretation signage boards that incorporate consistent bespoke branding, unique to the Washlands
- ⑥ Addition of varied ground flora within the existing and extended woodland area and provision of seating where there are open views of the river
- ⑦ Shallow inlets from the swale and river re-wet parts of the woodland. Provision of seating where there are open views of the river
- ⑧ Mown footpath connects users to the boardwalk and the existing informal route that weaves through the woodland, path edging used to protect new ground flora and demarcate route in the woodland
- ⑨ Public Right of Way 'Burton 8' widened as part of the FRMS, addition of overhead lighting columns along this section of the route
- ⑩ Excavation to form ponds and swale, forming habitats with marginal and aquatic planting. Maximum 1m depth of excavation. Ponds and swale expected to receive water from main channel approximately 50% of the time with a water depth of 1m
- ⑪ A raised seating area provides an accessible learning space with views over the wetland
- ⑫ River bank reprofiling to improve river habitats for wildlife
- ⑬ Maintenance access provided over the swale
- ⑭ Removal of fencing and overgrown vegetation around inspection chamber
- ⑮ Wet meadow mix comprised of native wildflowers and grasses, based on the vegetation of traditional floodplain and water meadows.
- ⑯ Widening of footpath and cosmetic improvements to pedestrian bridge, which links up to proposed Trent Valley Way route



Boardwalk example

© Environment Agency



Artist's Illustration

View south from footpath



Woodland Ground Flora example



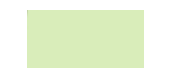




# Burton Washlands Enhancements: Landscape Masterplan



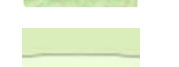



## Library Area and Public Realm

### Legend

#### Existing

-  Line of flood defence
-  Trees
-  Amenity grassland
-  Tarmac footpath (reinstated as part of the FRMS)
-  Extent of enhancement works carried out as part of the FRMS

#### Proposed

-  Wet meadow planting
-  Ornamental planting
-  Mown grass footpath
-  Tarmac footpath widened to enable maintenance access
-  Recycled plastic boardwalk
-  Resin bound aggregate with stone sett trims



### Design Proposals

- ① Provide contemporary fingerpost signage that incorporates consistent bespoke branding, unique to the Washlands
- ② Public realm enhancements on Meadowside Drive including new LED streetlighting, co-ordinated bollards and street furniture, corten steel overcladding and re-planting of raised beds
- ③ Replace existing flood light with several wall mounted spot-lighting fixtures, to enhance the architectural features of the water tower
- ④ Footpath widened to 3m, enabling use for maintenance access
- ⑤ Public Right of Way 'Burton 8' widened to 3m as part of the FRMS, improving suitability as a local cycle route
- ⑥ Addition of a central flagship play area with natural and water play themes (details on separate plan), swales and areas of planting are used to enclose the play area
- ⑦ Addition of ornamental planting in greenspaces surrounding library access following ramp realignment undertaken as part of the FRMS
- ⑧ Nature trail markers that also function as bespoke Washlands themed rubbing posts demarcate route whilst providing an activity trail for younger children
- ⑨ Cosmetic improvements to pedestrian bridge
- ⑩ Top step and library threshold resurfaced and access steps replaced using granite, incorporating tactile paving and handrails, as part of the FRMS
- ⑪ Area resurfaced with contrasting resin bound aggregate with a granite sett edging
- ⑫ Amphitheatre steps resurfaced and access steps replaced to match those replaced as part of the FRMS
- ⑬ Provide contemporary feature / entrance signage that incorporates consistent bespoke branding, unique to the Washlands
- ⑭ Reprofilling along this river bank to improve river habitats for wildlife and addition of a wet meadow mix comprised of native wildflowers and grasses, based on the vegetation of traditional floodplain and water meadows.
- ⑮ Seating replaced (Community Peace Gardens and lighting along the footpath enhanced separately, as part of the FRMS)
- ⑯ Contemporary seating and ornamental planting added outside the library
- ⑰ Benches in existing seating area replaced with contemporary seating. Addition of ornamental planting in the surrounding greenspace to enclose the seating area



# Burton Washlands Enhancements: Landscape Masterplan

## Flagship Natural Play Area

### Legend

#### Existing

- Trees
- Amenity grassland

#### Proposed

- Trees
- Low hedgerow planting
- Wet meadow planting
- Ornamental planting
- Tarmac footpath widened to enable maintenance access
- Recycled plastic boardwalk
- 'Grass mat' surfacing



### Natural Play Examples

#### ① Play trail equipment



#### ⑥ Suspension bridge



#### ⑪ Water play features



#### ② Climbing structure



#### ⑦ Pyramid tower & slide



#### ⑫ Twin swing



#### ③ Gated cableway



#### ⑧ Cradle nest swing



#### ⑬ Platform house



#### ④ Bespoke climbing forest



#### ⑨ Conference (pair)



#### ⑭ Tractor and trailer



#### ⑤ Tractor tyre swing



#### ⑩ Tower combination



#### ⑮ Small animals



© Timberplay



# Burton Washlands Enhancements: Landscape Masterplan

Garden of Remembrance

## Legend

### Existing

- Trees
- Amenity grassland
- Paved footpath
- Tarmac footpath
- Gravel
- Headstones

### Proposed

- Ornamental planting



## Design Proposals

- ① 'Swan Around the Washlands' cycle route altered to remove section that currently loops through Garden of Remembrance, instead continuing directly onto Andressey Bridge
- ② Provide contemporary interpretation signage boards that incorporates consistent bespoke branding, unique to the Washlands
- ③ Provide contemporary fingerpost signage that incorporates consistent bespoke branding, unique to the Washlands
- ④ Addition of several spot-lighting fixtures, to enhance the architectural features of Andressey Bridge
- ⑤ Addition of semi-ornamental planting within existing bulb planted flower beds in Abbots Garden to improve appearance throughout the year
- ⑥ Thinning of large tree canopies to increase natural light levels in heavily shaded areas and improve quality of amenity grassland
- ⑦ Replacement of 5 lighting columns with uplighting bollards along the central footpath, to illuminate feature trees
- ⑧ Replace damaged yorkstone paving flags
- ⑨ Addition of semi-ornamental planting along the river bank and adjacent footpath
- ⑩ Nature trail markers that also function as bespoke washlands themed rubbing posts demarcate route whilst providing an activity trail for younger children
- ⑪ Replacement of 5 lighting fixtures on columns with upgraded LED fixtures. Removal of several columns that are no longer required due to increased output from modern fixtures

## Semi-Ornamental Planting



## Upgraded Lighting Styles

