



View of southern end of Stocks Reservoir. Image to illustrate the landscape character north of the development site: managed coniferous plantations and areas of broadleaf planting.



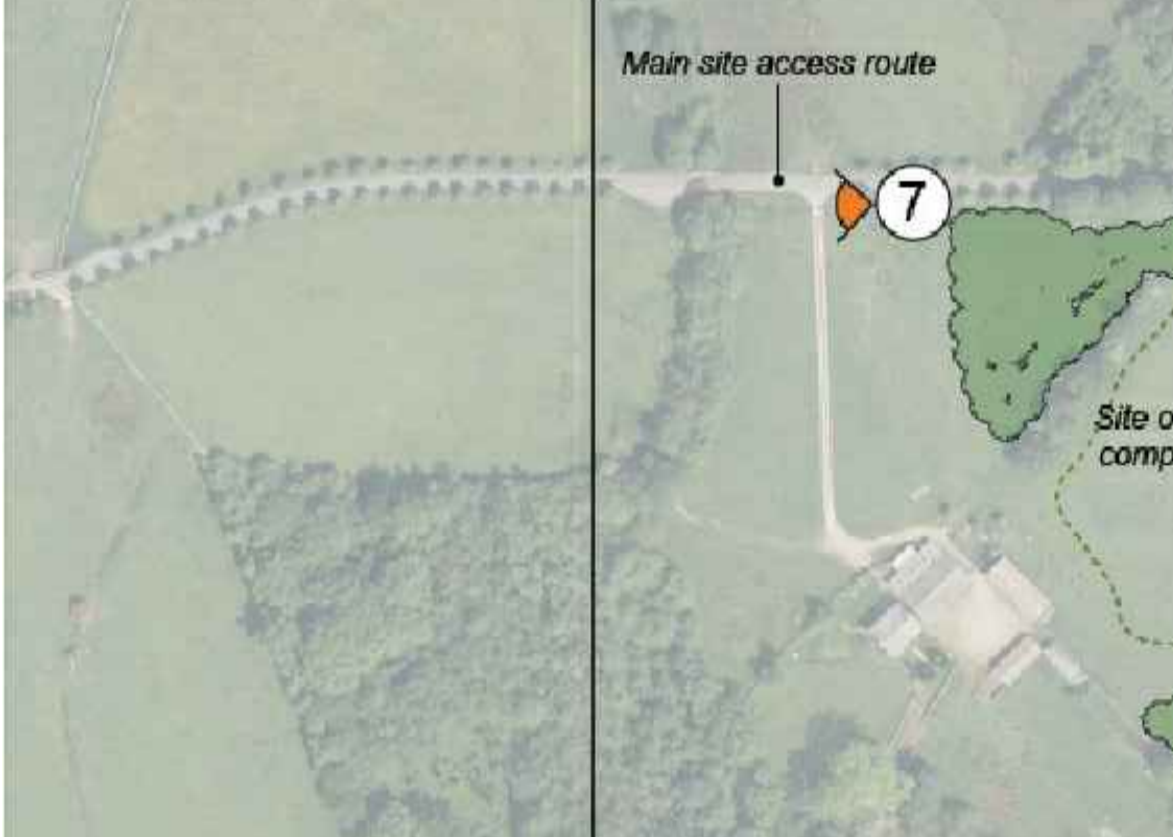
View looking at the north-east corner of the Rapid Gravity Filter Site. Image illustrates the expansive built form set out across the water treatment works site.



View looking at northern side of the Rapid Gravity Filter Site



View looking at southern edge of the Dirty Wash Water Tanks site.



80040117-01-MMB-HODDE-97-M2-L-00012
Landscape Inset Plan 1 of 2

80040117-01-MMB-HODDE-97-M2-L-00013
Landscape Inset Plan 2 of 2



View of proposed Dirty Washwater Tank location.



Stocks Reservoir Island.
Clearance of scrub vegetation on the island. To increase the habitat available for breeding birds cleared scrub replaced with *Juncus effusus* (Soft rush).
NOTE: Planting on the Island for ecological benefit

PLANTING WITHIN WORKS BOUNDARY

Total number of Species

Trees	Number	Species	Specification
	57 No.	<i>Acer campestre</i>	150-175cm: Transplant (Feathered)
	277 No.	<i>Alnus glutinosa</i>	60-80cm: Whip
	430 No.	<i>Betula pendula</i>	60-80cm: Whip
	140 No.	<i>Carpinus betulus</i>	60-80cm: Whip
	1105 No.	<i>Crataegus monogyna</i>	60-80cm: Whip
	57 No.	<i>Crataegus monogyna</i>	150-175cm: Transplant (Feathered)
	277 No.	<i>Malus sylvestris</i>	60-80cm: Whip
	57 No.	<i>Prunus padus</i>	150-175cm: Transplant (Feathered)
	57 No.	<i>Corylus avellana</i>	150-175cm: Transplant (Feathered)
	274 No.	<i>Prunus spinosa</i>	150-175cm: Transplant (Feathered)
	277 No.	<i>Sambucus nigra</i>	60-80cm: Whip

Shrubs	Number	Species	Specification
	197 No.	<i>Rosa canina</i>	60-80cm: Whip

Conifers	Number	Species	Specification
	140 No.	<i>Pinus sylvestris</i>	150-175cm: Transplant (Feathered)

For planting area breakdown refer to drawing no. 80040117-01-MMB-HODDE-97-DR-L-00013

PLANTING OUTSIDE MAIN WORKS BOUNDARY

New conifer trees:

- Scots pine - *Pinus sylvestris* (50%)
- Common Oak - *Quercus robur* (10%)
- Holly - *Ilex aquifolium* (10%)
- Birch - *Betula pendula* (10%)
- Wild Cherry - *Prunus avium* (10%)
- Hornbeam - *Carpinus betulus* (5%)
- Juniper - *Juniperus communis* (5%)
- Scots Pine to be planted in stands of between 20 and 30 trees with other species planted to the edges of each stand. In addition, woodland will contain five open (unplanted areas) of approximately 100m² in size.
- Planted at 30-40cm height with appropriate sized mesh shelter guard. Guards to be replaced with larger size guard after several years.
- Space plants at 1m in between existing trees.
- Plant in bare ground with no tree pit preparation.

New broad-leaf trees:

- Birch (70%) with some Oak (30%). Species chosen based on site walkover to confirm which trees are currently thriving.
- Space plants at 1.2m where appropriate amongst existing trees.
- Empty tree guards to be used where available. New guards to be provided where required to 1.2m height (prevents deer browsing).

General notes on the proposals above:

- No chemical weed control is to be undertaken in these areas due to their proximity to the reservoir.
- Trees to be procured locally and to have Plant Passport documentation.
- 16 standard sized trees to be planted within the wider catchment area. These trees will be broad-leaf and consist of 12no Birch and 4no Oak. Final locations of these trees to be agreed with wider-catchment team.



View of proposed compound location adjacent to existing site compound.



View of the existing main access route. All trees and landscape to be retained and protected in this location.



Aerial mapping copyright: Google / Bluesky

NOTES

1. ALL DIMENSIONS IN MILLIMETRES AND ALL LEVELS IN METRES AOD UNLESS NOTED OTHERWISE.
2. NO DIMENSIONS ARE TO BE SCALED FROM THIS DRAWING.

LEGEND

EXISTING FEATURES

- Stocks Reservoir Circular Footpath Walk

ENGINEERING PROPOSALS

- Rapid Gravity Filter
- Dirty Water Wash Tanks
- New Pipework. Existing services not shown on this drawing.
- Lamella Clarifier

LANDSCAPE PROPOSALS

- Areas for tree planting. Approximately 6,222m² shown.
- Existing shrub and semi-mature unmanaged planting could be strengthened depending on existing services. Approx. 118LM (400m²).
- Excess soil excavated from the RGF development re-used within the new compound area. Set out using the existing sloped profile, tying into existing levels and ensuring drainage issues are avoided.
- Area for new broad-leaf tree planting which can't be accommodated within the application site boundary due to a lack of available space.
- Area for new coniferous tree planting which can't be accommodated within the application site boundary due to a lack of available space.

NOTES:

Tree replacement planting shall be undertaken at the agreed ratio of 2:1. This equates to 16 new standard trees and an area of 8766m² of mixed species native tree planting.
New stock proof fencing to be provided as part of the new tree planting proposals. New compound area consists of unmanaged grazing land and will be reinstated with new seeding, using an appropriate mix, upon completion of the works. Refer to Inset Plans and Arboricultural Drawings for information on trees to be removed as part of the development.

Tree removals - approximate quantities with reference to the Arboricultural Report: 4383m² of existing tree and shrub/hedge planting measured by area. 8 individual Trees identified as standards within the Arboricultural survey.

CURRENT ISSUE INFORMATION

1:2000						0	100m	200m
P01	AA	PW	NC	Issued for Planning Application	22/11/19			
P02	AA	PW	NC	Revised for Planning Application	10/03/20			
P03	AA	PW	NC	Updated for Planning Application	24/03/20			
P04	AA	PW	NC	Revised Following Client Review	25/03/20			
VERSION	AUTH	CHKD	REVD	REASON FOR ISSUE	DATE			
S2				Issued for Information				
SUITABILITY CODE	SUITABILITY DESCRIPTION							



MMB
MOTT MACDONALD
BENTLEY

HODDER WTW AMP6 RENOVATION
LANDSCAPE OVERVIEW PLAN
SHEET 1 OF 4

SCALE	1:2000	SHEET SIZE	A1
DRAWING NUMBER	80040117-01-MMB-HODDE-97-DR-L-00011	REVISION	P04