

100  
0 10  
Millimetres

SEE DWG 5117039-ATK-P4-ZZ-DR-L-7200 FOR DETAILS.

## MODEL BOATING POND

TOP WATER LEVEL  
RETAINED AT 71.35m AOD

ENGINEERING DETAIL	
EDGE TYPE	<b>TYPE 1</b>
EDGE DETAIL DRAWING	ZZ-7250
EDGE LENGTH	74m
TYPICAL EDGE WIDTH	2m
PLANTING DETAIL	
PLANTING AREA CODE	<b>P4-8</b>
SCHEDULE AND ARRANGEMENT DRAWING	ZZ-7203

ENGINEERING DETAIL	
EDGE TYPE	<b>TYPE 1</b>
EDGE DETAIL DRAWING	ZZ-7250
EDGE LENGTH	18m
TYPICAL EDGE WIDTH	2m
PLANTING DETAIL	
PLANTING AREA CODE	<b>P4-9</b>
SCHEDULE AND ARRANGEMENT DRAWING	ZZ-7201

TYPE 1 TEMPORARY WILDFOWL FENCING. SEE DWG 5117039-ATK-ZZ-ZZ-DR-L-7251.  
PERMANENT WETLAND FENCING. SEE DWG 5117039-ATK-ZZ-ZZ-DR-L-7251.

NEW GRAVEL REJECT BAY. SEE DWG 5117039-ATK-P4-ZZ-DR-L-7250 SECTION S3.

TYPE 1 TEMPORARY WILDFOWL FENCING. SEE DWG 5117039-ATK-ZZ-ZZ-DR-L-7251.  
PERMANENT WETLAND FENCING. SEE DWG 5117039-ATK-ZZ-ZZ-DR-L-7251.

NEW GRAVEL REJECT BAY. SEE DWG 5117039-ATK-P4-ZZ-DR-L-7250 SECTION S3.

NEW OVERFLOW PIPE INLET HEADWALL AND PIPE EXTENSION. SEE DWG 1007.

ENGINEERING DETAIL	
EDGE TYPE	<b>TYPE 6</b>
EDGE DETAIL DRAWING	ZZ-7250
EDGE LENGTH	N/A
TYPICAL EDGE WIDTH	N/A
PLANTING DETAIL	
PLANTING AREA CODE	<b>P5-1</b>
SCHEDULE AND ARRANGEMENT DRAWING	P4-7203

### P5-1 PLANTING SCHEDULE (COIR PALLETS)

Area Code	Installation Type	Description	Species	Number of 2x1m Pallets
P5-1	SP1	Single species pallet	Phragmites australis	6

NO PLANTING SCHEDULE PROVIDED FOR P5-1 AS AREA IS BLOCK PLANTED WITH PHRAGMITES. AREA TO BE PLANTED 12m<sup>2</sup>.

### P4-8 PLANTING SCHEDULE (COIR PALLETS)

Area Code	Installation Type	Description	Species	Number of 2x1m Pallets
P4-8	SP1	Single species pallet	Phragmites australis	21
		Single species pallet	Carex acutiformis	6
		Single species pallet	Iris pseudacorus	6
		Single species pallet	Lythrum salicaria	2
		Single species pallet	Glyceria maxima	12
	MP1	Mixed species pallet	Lycopus europaeus	6
			Lythrum salicaria	
	MP2	Mixed species pallet	Mentha aquatica	5
			Iris pseudacorus	
			Caltha palustris	
			Iris pseudacorus	
			Lysimachia vulgaris	
	MP3	Mixed species pallet	Lythrum salicaria	3
			Eupatorium cannabinum	
			Lysimachia vulgaris	
			Iris pseudacorus	
			Carex acutiformis	
	MP4	Mixed species pallet	Iris pseudacorus	13
			Iris pseudacorus	

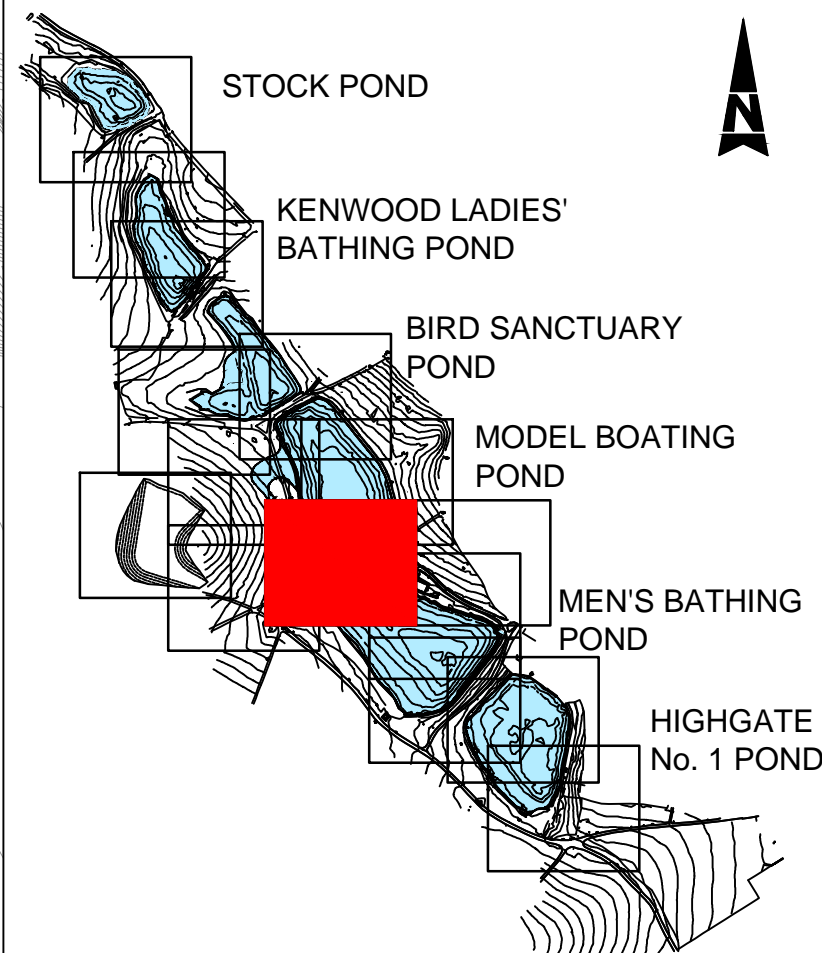
### P4-8 COIR PALLET PLANTING ARRANGEMENT (TYPE 1 EDGE, BANK LENGTH = 74m)

MP4	MP4	SP3	MP2	MP1	MP2	MP1	MP4	SP1	SP1	SP5	SP5	SP5	SP5	SP1	SP1	MP4	SP4	MP1	CONTINUED BELOW
MP4	SP3	SP2	SP2	MP4	SP2	SP2	SP1	SP1	SP1	SP5	SP5	SP5	SP5	SP1	SP1	SP1	MP4	MP3	
CONTINUED FROM ABOVE	MP2	MP1	MP4	SP3	SP3	MP4	MP3	SP3	MP1	MP2	MP4	SP1	SP5	SP5	SP5	SP5	SP1	SP1	
	SP3	MP2	MP4	SP2	MP4	SP2	SP4	MP1	MP3	MP4	SP1	SP1	SP1	SP5	SP5	SP1	SP1	SP1	

## MEN'S BATHING POND

TOP WATER LEVEL  
RETAINED AT 69.59m AOD

## LOCATION KEY PLAN



	POND EDGE		CONTOURS (m AOD)		PERMANENT WETLAND FENCING
	EXISTING POND VEGETATION		EXISTING FENCE / RAILWAY		POST AND CHESTNUT RAIL FENCE WITH MESH
	PROPOSED POND PLANTING		INDICATIVE LOCATION OF EXISTING TREES		JAPANESE KNOTWEED
	PROPOSED SHEET PILE EDGE		TEMPORARY WILDFOWL FENCING		GIANT HOGWEED
	DETAIL NUMBER OR ELEVATION, SECTION LETTER.		HIMALAYAN BALSAM		
	SHORTENED DRAWING NUMBER REFERENCE (5117039-ATK-P4-ZZ-DR-L-7501)				

- NOTES:
- ALL MEASUREMENTS IN MILLIMETRES UNLESS OTHERWISE STATED AND LEVELS IN METRES TO ABOVE ORDNANCE DATUM (AOD).
  - APPROXIMATE LOCATIONS OF JAPANESE KNOTWEED, HIMALAYAN BALSAM AND GIANT HOGWEED AS IDENTIFIED IN 2013 ARE SHOWN. FURTHER AREAS MAY BE ENCOUNTERED ON SITE.
  - TREES ON EDGE OF WORKS TO BE RETAINED AND PROTECTED IN ACCORDANCE WITH BRITISH STANDARDS (BS) 5837 WHERE SITE WORKS ALLOW.
  - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE ARBORICULTURAL DRAWINGS, 5117039-ATK-2000 SERIES & ARBORICULTURAL METHOD STATEMENT 5117039-ATK-ZZ-ZZ-SP-L-005.
  - THIS DRAWING TO BE READ IN CONJUNCTION WITH LANDSCAPE DRAWINGS 5117039-ATK 7100, 7300 & 7500 SERIES.
  - THIS DRAWING TO BE READ IN CONJUNCTION WITH M&E DRAWINGS 5117039-ATK 7600 SERIES.
  - THIS DRAWING TO BE READ IN CONJUNCTION WITH ENGINEERING DRAWINGS 5117039-ATK 0000 AND 1000 SERIES.
  - THIS DRAWING TO BE READ IN CONJUNCTION WITH BUILDING SERVICES DRAWINGS 5117039-ATK 8000 SERIES.
  - REFER TO STANDARD POND AND POND SPECIFIC DETAIL DRAWINGS 5117039-ATK 7250 SERIES.
  - POND EDGE LEVELS VARY, AS DO DEPTHS OF SEDIMENT AND DEPTHS TO SOFT AND HARD BED.
  - TYPICAL TOP WATER LEVELS ARE SHOWN ON THE DRAWINGS.
  - SEE SPECIFICATION APPENDIX ON POND RESTORATION AND PLANTING FOR FURTHER INFORMATION ON MATERIALS, DESIGN, PLANT AND PLANTING REQUIREMENT.
  - ALL PLANTING ARRANGEMENTS REFER TO 2m x 1m AREAS AS INDIVIDUAL BLOCKS. THE TOP ROW REPRESENTS THE POND WARD PLANTING, WHILST THE BOTTOM ROW REPRESENT THE BANK EDGE PLANTING. ALL ARRANGEMENT ARE ORIENTED, LOOKING FROM THE BANK INTO THE POND.
  - FENCING TO BE INSTALLED TO ENCLOSE ALL NEWLY PLANTED MARGINAL AREAS SEE DWG 5117039-ATK-ZZ-ZZ-DR-L-7251. TYPE 2 FENCE VARIANT TO BE USED ON ALL TEMPORARY SPILLWAY FENCING.
  - WETLAND PLANTING SHOULD NOT BE INSTALLED DURING PERIODS WHERE LEVELS ARE RISING RAPIDLY ABOVE TOP WATER LEVEL.
  - SEE DRAWING 5117039-ATK-P4-ZZ-DR-L-7250 FOR CULVERT AND GRAVEL BAY DETAILS.
  - SEE DRAWING 5117039-ATK-P5-ZZ-DR-L-7250 FOR MEN'S BATHING POND REED BED DETAILS.

## SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following:

### CONSTRUCTION

- POND WATER LEVEL MAY RISE RAPIDLY DURING AND AFTER RAINFALL.
- WATER LEVELS MAY RISE RAPIDLY DURING OR AFTER RAINFALL IN THE EXISTING CHANNEL OR NEW REED BED DRAINING TO THE NORTH-EAST OF MEN'S BATHING POND.
- TYPE 1 PLANTING AREAS REQUIRING SILT FILL WILL BE SOFT UNDER FOOT.
- DEEP WATER >1M, COMBINED WITH SOFT POND BED SEDIMENTS, ARE LIKELY TO BE ENCOUNTERED IN PROXIMITY TO WORKING AREA REQUIRED TO CREATE THE WETLAND PLANTING FEATURES.
- NON-NATIVE INVASIVE CRAWFISH ARE KNOWN TO BE PRESENT. APPROPRIATE CHECK AND CONTROL PROCEDURES TO PREVENT THEIR SPREAD ARE REQUIRED.

### MAINTENANCE/CLEANING

- TYPE 1 PLANTING AREAS MAY BE SOFT UNDER FOOT.
- CARE SHOULD BE TAKEN NOT TO DAMAGE WETLAND PLANTING WHILST UNDERTAKING ROUTINE MAINTENANCE E.G. WEEDING OF DELETERIOUS SPECIES AND LITTER REMOVAL.
- SILT DISPOSAL FROM BEHIND CHECK DAMS AND THE NEW REED BED SHOULD BE TO AREAS WHERE THE RISK OF INGRESS TO PONDS/STREAMS AND HARM TO THE LOCAL ENVIRONMENT IS REDUCED.

### DECOMMISSIONING/DEMOLITION

- TYPE 1 PLANTING AREAS MAY BE SOFT UNDER FOOT.
- CARE SHOULD BE TAKEN NOT TO DAMAGE ANY PLANTS WHEN REMOVING TEMPORARY FENCING.
- OPTIONS FOR THE REUSE OF TEMPORARY FENCING MATERIALS ELSEWHERE ON SITE SHOULD BE EXPLORED.

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement

	0m	5	10	15	25m
C1	13/02/2014	FOR CONSTRUCTION	JK	IPM	MJV
P2	21/10/2014	FOR COSTING, ISSUED SUBJECT TO FINAL REVIEW BY PANEL ENGINEER	JA	IMMV	MW
P1	01/10/2014	FOR COSTING	IF	IMMV	MW
Rev.	Date	Description	By	Chk'd	App'd

Drawing Status	Suitability
<b>FOR CONSTRUCTION</b>	<b>A</b>

<b>ATKINS</b>	Woodcote Grove Ashley Road Epsom Surrey KT18 5BW Tel: +44 (0)1372 726140 Fax: +44 (0)1372 740055 www.atkinsglobal.com
Copyright © Atkins Limited (2013)	

Client	City of London Corporation
--------	----------------------------

Project Title	HAMPSTEAD HEATH PONDS PROJECT
---------------	-------------------------------

Drawing Title	MODEL BOATING POND RESTORATION GENERAL ARRANGEMENT SHEET 3 OF 3
---------------	---

Scale	Designed	Drawn	Checked	Authorised
1:250	IM	IF	IM	MW
Original Size	Date	Date	Date	Date
A1	03/09/14	03/09/14	03/09/14	03/09/14

Drawing Number	Revision
5117039-ATK-P4-ZZ-DR-L-7203	C1