Millimetres 0 10 100

1No. SEDIMENT TRAP TO BE EXCAVATED ALONG EXISTING STREAM ALIGNMENT. DEPTH 1m FROM EGL SEE DWG 5117039-ATK-P12-ZZ-DR-L-7250.

GRAVEL PACK WITH COMMON REED. SEE DWG 5117039-ATK-P12-ZZ-DR-L-7250.

EXISTING WATERCOURSE CHANNEL REALIGNED INTO INLET HEADWALL.

5117039-ATK-P12-ZZ-DR-L-7250 FOR SETTING OUT POINTS

POST AND CHESTNUT RAIL FENCE WITH MESH. SEE DWG 5117039-ATK-P12-ZZ-DR-L-7252.

EXISTING WATERCOURSE.

P1 P12-7250 S1 P12-7250 S2 P12-7250 S3 P12-7250 S4 P12-7250

CATCHPIT

S8 P12-7251

NEW OUTFALL HEADWALL FROM CATCHPIT DAM - BY OTHERS.

TREE CROWN LIFTING MAY BE REQUIRED AS INSTRUCTED BY ARBORCULTURALIST.

S5 P12-7251 S6 P12-7251 S9 P12-7251 S7 P12-7251

NEW TIMBER SLEEPER CROSSING. SEE DWG 5117039-ATK-P12-ZZ-DR-L-7251.

NEW STREAM CHANNEL LINKING OUTFALL HEADFALL WITH MIXED BATHING POND. CHANNEL WIDTH AND DEPTH VARIES. SEE DWG 5117039-ATK-P12-ZZ-DR-L-7251.

NEW SHALLOW SCRAPES EXCAVATED WITHIN STREAM VALLEY TO TRAP SEDIMENT. LOCATION AND SIZES TO BE AGREED ON SITE WITH THE PROJECT MANAGER AND EMPLOYERS REPRESENTATIVE. SEE DWG 5117039-ATK-P12-ZZ-DR-L-7251.

NEW PIPED CULVERT UNDER EXISTING PATH.

FENCES TO BE REINSTATED OVER NEW DITCH & SCRAPES.

EXISTING PIPED OUTFALL INTO CHANNEL DRAINING TO MIXED BATHING POND TO BE REMOVED. NEW CHANNEL CONNECTED.

5117039-ATK-P12-ZZ-DR-L-7251 FOR SETTING OUT POINTS

P1 P12-7251 S8 P12-7251

N

KEY:
- POND EDGE
- EXISTING POND VEGETATION
- PROPOSED POND PLANTING
- PROPOSED SHEET PILE EDGE
- 83 CONTOURS (m AOD)
- EXISTING FENCE / RAILING
- INDICATIVE LOCATION OF EXISTING TREES
- TEMPORARY WILDFOWL FENCING
- PERMANENT WETLAND FENCING
- POST AND CHESTNUT RAIL FENCE WITH MESH
- JAPANESE KNOTWEED
- GIANT HOGWEED
- HIMALAYAN BALSAM
- 2- P9-7501 DETAIL NUMBER OR ELEVATION, SECTION LETTER. SHORTENED DRAWING NUMBER REFERENCE (5117039-ATK-P9-ZZ-DR-L-7501).

NOTES:
1. ALL MEASUREMENTS IN MILLIMETRES UNLESS OTHERWISE STATED AND LEVELS IN METRES TO ABOVE ORDNANCE DATUM (AOD).
2. APPROXIMATE LOCATIONS OF JAPANESE KNOTWEED, HIMALAYAN BALSAM AND GIANT HOGWEED AS IDENTIFIED IN 2013 ARE SHOWN. FURTHER AREAS MAY BE ENCOUNTERED ON SITE.
3. TREES ON EDGE OF WORKS TO BE RETAINED AND PROTECTED IN ACCORDANCE WITH BRITISH STANDARDS (BS) 5837 WHERE SITE WORKS ALLOW.
4. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE ARBORICULTURAL DRAWINGS, 5117039-ATK-2000 SERIES & ARBORICULTURAL METHOD STATEMENT 5117039-ATK-XX-ZZ-SP-L-005.
5. THIS DRAWING TO BE READ IN CONJUNCTION WITH LANDSCAPE DRAWINGS 5117039-ATK 7100, 7300 & 7500 SERIES.
6. THIS DRAWING TO BE READ IN CONJUNCTION WITH M&E DRAWINGS 5117039-ATK 7600 SERIES.
7. THIS DRAWING TO BE READ IN CONJUNCTION WITH ENGINEERING DRAWINGS 5117039-ATK 0000 AND 1000 SERIES.
8. THIS DRAWING TO BE READ IN CONJUNCTION WITH BUILDING SERVICES DRAWINGS 5117039-ATK 8000 SERIES.
9. REFER TO STANDARD POND AND POND SPECIFIC DETAIL DRAWINGS 5117039-ATK 7250 SERIES.
10. POND EDGE LEVELS VARY, AS DO DEPTHS OF SEDIMENT AND DEPTHS TO SOFT AND HARD BED.
11. TYPICAL TOP WATER LEVELS ARE SHOWN ON THE DRAWINGS.
12. SEE SPECIFICATION APPENDIX ON POND RESTORATION AND PLANTING FOR FURTHER INFORMATION ON MATERIALS, DESIGN, PLANT AND PLANTING REQUIREMENT.
13. 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.
14. 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.
15. WETLAND PLANTING SHOULD NOT BE INSTALLED DURING PERIODS WHERE LEVELS ARE RISING RAPIDLY ABOVE TOP WATER LEVEL.
16. SEE DRAWINGS 5117039-ATK-P12-ZZ-DR-L-7250 & 7252 FOR SEDIMENT TRAP AND BIOFILTRATION DETAILS.
17. SEE DRAWING 5117039-ATK-P12-ZZ-DR-L-7251 FOR CHANNEL AND SCRAPE DETAILS.

PLANTING DETAIL

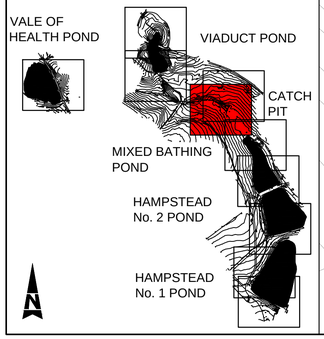
PLANTING AREA CODE	**P12-1**
SCHEDULE AND ARRANGEMENT DRAWING	P12-7200

P12-1 PLANTING SCHEDULE (1 LITRE POTS)

Area Code	Installation Type	Description	Species	Number of 1 litre pots
P12-1	PG1	1 litre pot grown plant	Phragmites australis	80
P12-1 IS SINGLE SPECIES BLOCK PLANTING AREA OF 10m2. NO PLANTING ARRANGEMENT IS PROVIDED.				

SOP	Eastings	Northings
P12-1	527117.8910	186348.3530
P12-2	527125.2784	186333.3816
P12-3	527138.7033	186333.2671
P12-4	527141.3534	186326.2020
P12-5	527142.4813	186325.1244
-	-	-
P12-7	527153.5854	186303.8837
P12-8	527153.8676	186302.3525
P12-9	527160.8807	186284.9197

LOCATION KEY PLAN



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

- WATER LEVELS MAY RISE RAPIDLY DURING AND AFTER RAINFALL IN THE EXISTING CHANNELS OR NEWLY CREATED WETLAND CHANNELS, SCRAPES, FILTER REED BED AND SEDIMENT TRAP.
- ALL EXCAVATIONS TO BE HAND DUG IN PROXIMITY TO MATURE TREES AND REDIRECTED TO AVOID EXISTING TREES.

MAINTENANCE/CLEANING

- CARE SHOULD BE TAKEN NOT TO DAMAGE WETLAND PLANTING WHILST UNDERTAKING ROUTINE MAINTENANCE OF THE FILTER REED BED E.G. WEEDING OF DELETERIOUS SPECIES AND LITTER REMOVAL.
- VEHICLE ACCESS TO DOWNSTREAM SUMP TO BE AVOIDED.
- SILT DISPOSAL FROM THE SEDIMENT TRAP AND NEW WETLAND CHANNEL AND SCRAPES SHOULD BE TO AREAS WHERE THE RISK OF INGRESS TO PONDS/STREAMS AND HARM TO THE LOCAL ENVIRONMENT IS REDUCED.

DECOMMISSIONING/DEMOLITION

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

Rev.	Date	Description	By	Chk'd	Appr'd
C1	13/02/2014	FOR CONSTRUCTION	JK	IPM	MJV
P2	21/10/2014	FOR COSTING, ISSUED SUBJECT TO FINAL REVIEW BY PANEL ENGINEER	JA	IM/MV	MW
P1	01/10/2014	FOR COSTING	IF	IM/MV	MW

Drawing Status: FOR CONSTRUCTION

Suitability: A

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Client: City of London Corporation

Project Title: HAMPSTEAD HEATH PONDS PROJECT

Drawing Title: CATCHPIT RESTORATION GENERAL ARRANGEMENT SHEET 1 OF 1

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: 5117039-ATK-P12-ZZ-DR-L-7200

Revision: C1