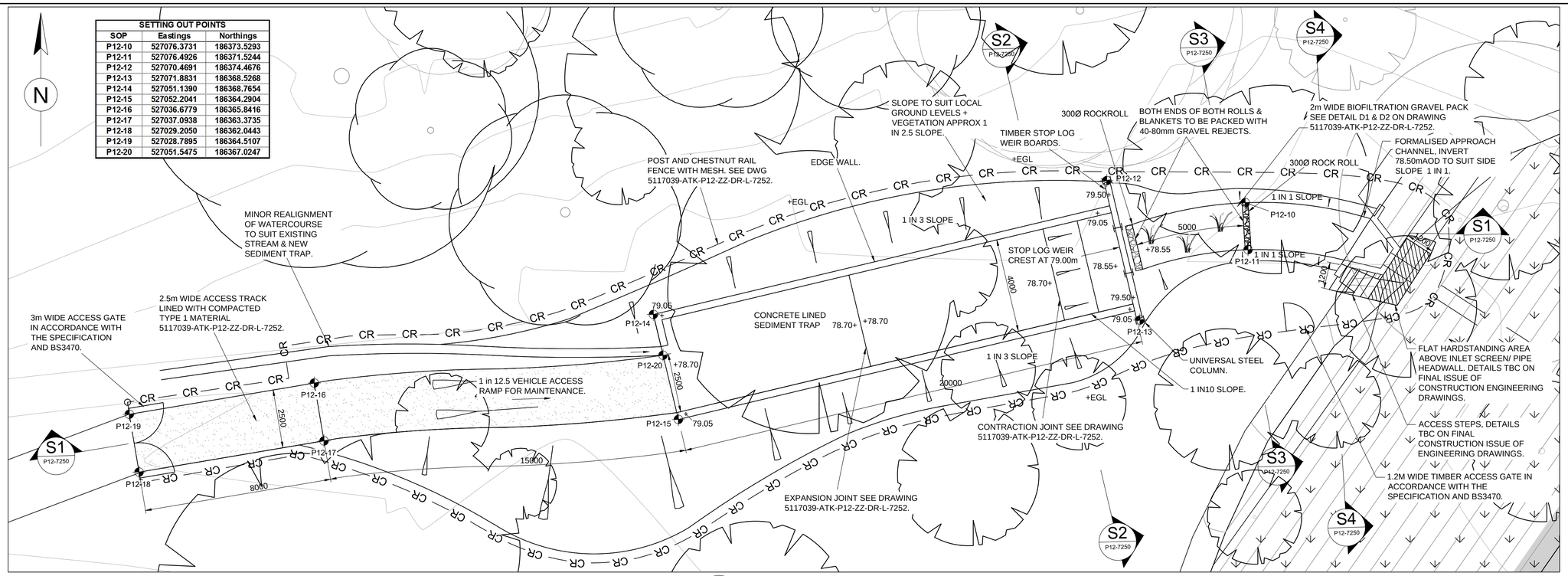
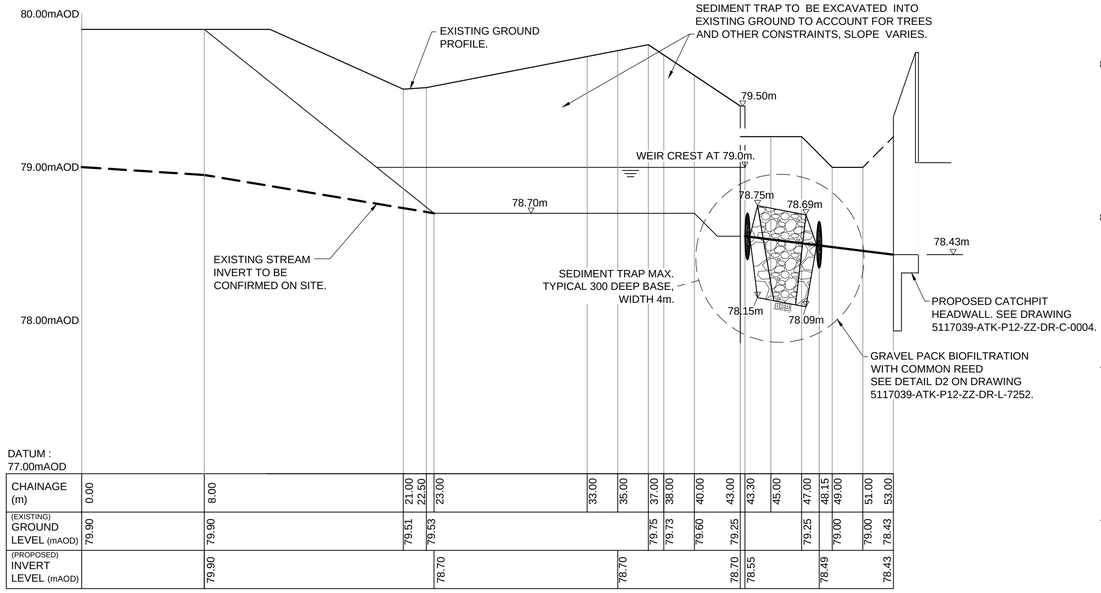
Millimetres 0 10 100

SETTING OUT POINTS		
SOP	Eastings	Northings
P12-10	527076.3731	186373.5293
P12-11	527076.4926	186371.5244
P12-12	527070.4691	186374.4676
P12-13	527071.8831	186368.5268
P12-14	527051.1390	186368.7654
P12-15	527052.2041	186364.2904
P12-16	527036.6779	186365.8416
P12-17	527037.0938	186363.3735
P12-18	527029.2050	186362.0443
P12-19	527028.7895	186364.5107
P12-20	527051.5475	186367.0247



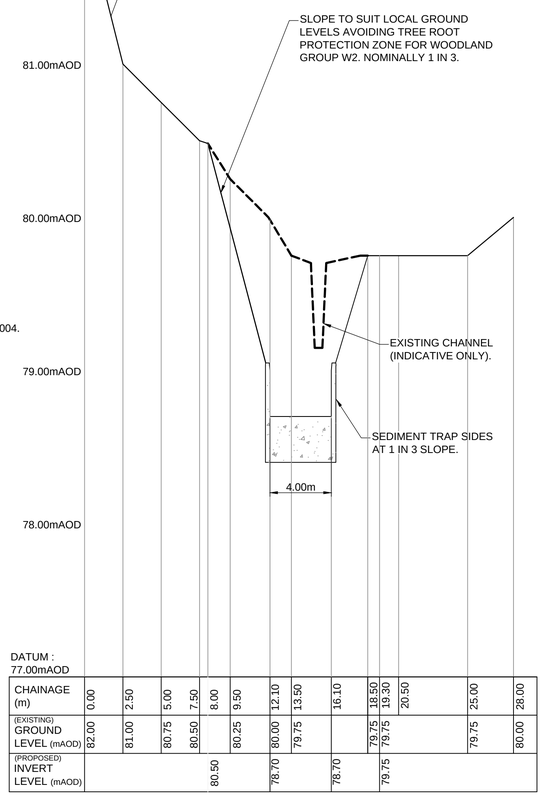
P1 PLAN
P12-7250 — SCALE 1: 1:100



DATUM : 77.00mAOD

CHAINAGE (m)	0.00	8.00	21.00	22.50	23.00	33.00	35.00	37.00	38.00	40.00	43.00	43.30	45.00	47.00	48.15	49.00	51.00	53.00
(EXISTING) GROUND LEVEL (mAOD)	79.90	79.90	79.51	79.53				79.75	79.73	79.60	79.25			79.25		79.00	79.00	78.43
(PROPOSED) INVERT LEVEL (mAOD)		79.90			78.70		78.70				78.70	78.55			78.49			78.43

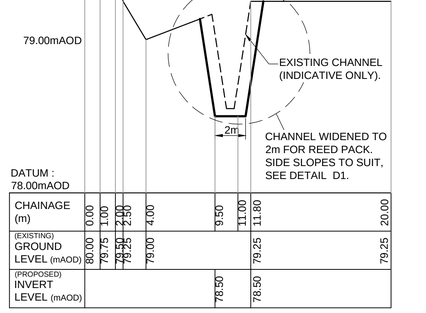
S1 CATCHPIT LONG SECTION
P12-7250 — SCALE 1: 1:200 HORIZONTAL, 1:20 VERTICAL



DATUM : 77.00mAOD

CHAINAGE (m)	0.00	2.50	5.00	7.50	8.00	9.50	12.10	13.50	16.10	18.50	19.30	20.50	25.00	28.00
(EXISTING) GROUND LEVEL (mAOD)	82.00	81.00	80.75	80.50		80.25	80.00	79.75		79.75	79.75		79.75	80.00
(PROPOSED) INVERT LEVEL (mAOD)					80.50		78.70		78.70			79.75		

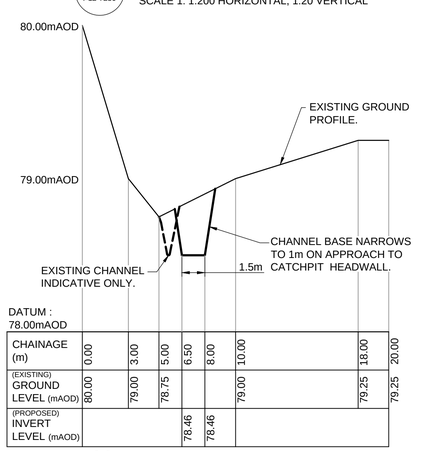
S2 SEDIMENT TRAP SECTION
P12-7250 — SCALE 1: 1:200 HORIZONTAL, 1:20 VERTICAL



DATUM : 78.00mAOD

CHAINAGE (m)	0.00	1.00	2.00	2.50	4.00	9.50	11.00	11.80	20.00
(EXISTING) GROUND LEVEL (mAOD)	80.00	79.75	79.50	79.25	79.00		79.25		79.25
(PROPOSED) INVERT LEVEL (mAOD)						78.50		78.50	

S3 BIOFILTRATION SECTION
P12-7250 — SCALE 1: 1:200 HORIZONTAL, 1:20 VERTICAL



DATUM : 78.00mAOD

CHAINAGE (m)	0.00	3.00	5.00	6.50	8.00	10.00	18.00	20.00
(EXISTING) GROUND LEVEL (mAOD)	80.00	79.00	78.75			79.00	79.25	79.25
(PROPOSED) INVERT LEVEL (mAOD)				78.46	78.46			

S4 CHANNEL SECTION
P12-7250 — SCALE 1: 1:200 HORIZONTAL, 1:20 VERTICAL

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, FILTER REED BED AND SEDIMENT TRAP.
- ALL EXCAVATIONS TO BE HAND DUG IN PROXIMITY TO MATURE TREES AND REDIRECTED TO AVOID EXISTING TREES.
- NO MANUAL HANDLING OF ROCK ROLLS (ITEMS >25KG).

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 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

NOTES

1) ALL MEASUREMENTS IN MILLIMETRES AND LEVELS IN mAOD UNLESS OTHERWISE STATED.
2) REFER TO SPECIFICATION FOR DETAILS ON BIO ENGINEERING REQUIREMENTS.
3) EXISTING MARGINAL VEGETATION TO BE RETAINED & REPLACED AS DIRECTED BY CLIENT REPRESENTATIVE.

2 — DETAIL NUMBER OR ELEVATION, SECTION LETTER.
P9-7501 — SHORTENED DRAWING NUMBER REFERENCE (5117039-ATK-P9-ZZ-DR-L-7501).

C1	12/12/2014	FOR CONSTRUCTION	JK	IPM	MJV
P3	26/11/2014	FOR INFORMATION	JK	-	-
P2	27/10/2014	FOR COSTING, ISSUED SUBJECT TO FINAL REVIEW BY PANEL ENGINEER	JA	-	-
P1	09/10/2014	FIT FOR COSTING	JA	-	-

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 SEDIMENT TRAP AND BIOFILTRATION DETAILS

Scale	Designed	Drawn	Checked	Authorised
AS SHOWN	-	JA	-	-
Original Size	Date	Date	Date	Date
A1	-	24.09.14	-	-

Drawing Number: 5117039-ATK-P12-ZZ-DR-L-7250 — Revision: C1