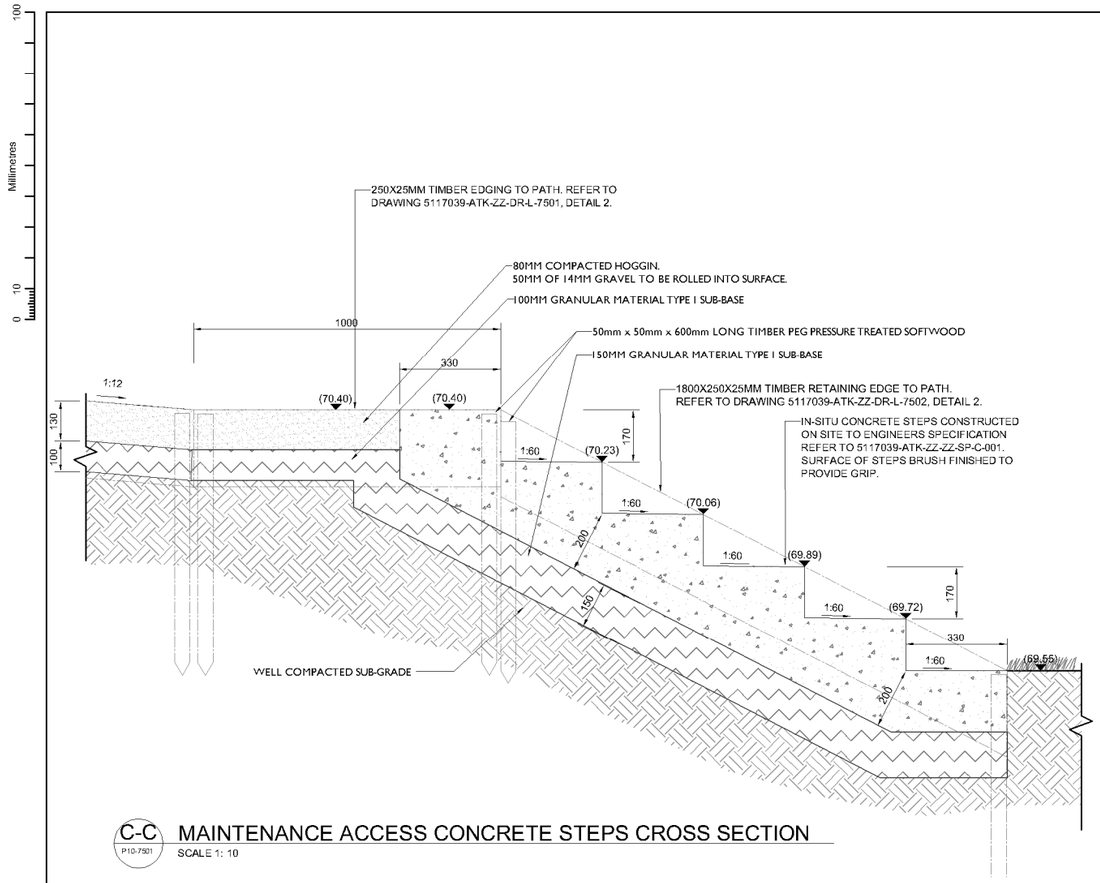
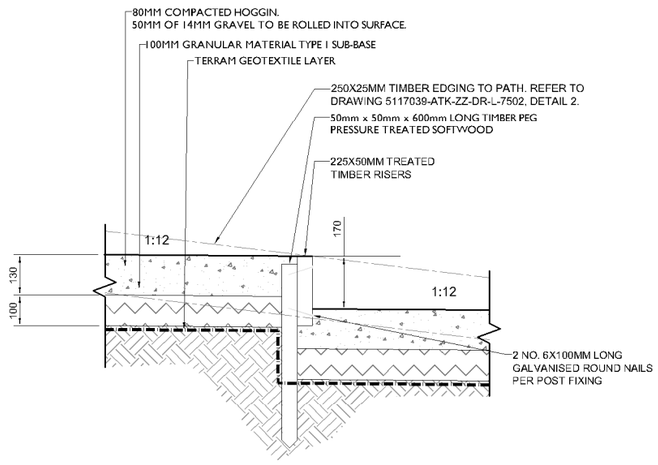


C-C
P10-7501

MAINTENANCE ACCESS CONCRETE STEPS CROSS SECTION

SCALE 1: 10



B-B
P10-7501

MAINTENANCE ACCESS HOGGIN STEP CROSS SECTION

SCALE 1: 10

NOTE

PROPOSED LEVELS (+69.55)
EXISTING LEVELS +70.94

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

- GAS AND ELECTRICITY SERVICES TO BE DIVERTED. THE GAS MAIN IS AN OLD CAST IRON PIPE WHICH CAN'T BE SUPPORTED IN A TRENCH.
- THE POND RETAINED BY THE EMBANKMENT IS A LARGE RAISED RESERVOIR UNDER THE RESERVOIRS ACT 1975.
- WATER LEVEL IN THE POND MAY RISE RAPIDLY DURING AND AFTER RAINFALL.
- RAISED WATER LEVELS IN THE POND MAY INCREASE GROUNDWATER LEVELS DOWNSTREAM, WHICH COULD AFFECT EXCAVATIONS DOWNSTREAM OF THE DAM.
- FLOODING RISK - SCOUR PIPE TO BE UNBLOCKED BEFORE CULVERT WORKS BEGIN.
- RISK OF DISEASE AND ANIMAL BITES - AREA AROUND THE PROPOSED INLET IS FREQUENTED BY DOGS.
- RISK TO DAM, STRUCTURES OR PEOPLE FROM WEAKENED TREES FALLING OVER - TREE FELLING AND EXPOSURE OF ROOTS TO BE SUPERVISED BY AN ARBORICULTURIST. SIGNIFICANT LOSS OF ROOT AREA (AROUND 40% AND ABOVE) MAY REQUIRE LOAD TESTING OF TREE.
- EXISTING DAM AND SHEET PILES SHOULD NOT BE OVERLOADED - PLANT LOADS SHOULD BE LESS THAN 10 TONNES.

MAINTENANCE/CLEANING

- THE INLET STRUCTURE WILL BE A CONFINED SPACE SO ACCESS SHOULD INVOLVE A SAFE METHOD OF WORKING.
- THE NEW CULVERTS ARE TOO SMALL FOR MAN ACCESS SO WILL REQUIRE CCTV SURVEY TO INSPECT THEM.
- WATER LEVEL IN THE POND MAY RISE RAPIDLY DURING AND AFTER RAINFALL.

DECOMMISSIONING/DEMOLITION

- THE CULVERT OVERFLOW SHOULD NOT BE DEMOLISHED UNTIL AN ALTERNATIVE SPILLWAY WITH THE SAME HYDRAULIC CAPACITY IS INSTALLED.
- DOWNSTREAM FLOOD RISK MAY INCREASE IF THE DAM IS REMOVED.

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 DIMENSIONS ARE IN MILLIMETRES.
2. EXCAVATION TO BE EXTENDED TO SOUND MATERIAL IF DIRECTED BY THE ENGINEER TO BE BACKFILLED WITH TYPE 1 SUB-BASE MATERIAL.
3. HERBICIDE SUITABLE FOR USE NEXT TO WATERWAYS TO BE APPLIED EVENLY ON FORMATION AREAS OF PAVED AREAS. IT SHALL BE NON-POISONOUS TO HUMAN BEINGS, ANIMALS AND INSECTS.
4. ALL METAL FIXINGS, SCREWS AND BRACKETS TO BE GALVANISED OR ZINC COATED.
5. ALL TIMBER TO BE PRESSURE TREATED SOFTWOOD. TIMBER PRESERVATIVE SHALL BE BROWN PRESSURE TREATED TO GIVE A GUARANTEED DECAY FREE LIFE SPAN OF 20 YEARS. ALL PRESSURE TREATMENT TO COMPLY WITH BS 8417: 2003 BE EN 599-1 AND BS 4072. CUT ENDS TREATED WITH PRESERVATIVE ON SITE.

Rev.	Date	Description	By	Chkd	Appd
C1	20/02/2015	FOR CONSTRUCTION	GJB	AW	LB
P1	31/10/2014	FOR COSTING	IF	AW	LB

Drawing Status: FOR CONSTRUCTION
Suitability: A

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Client: City of London Corporation

Project Title: HAMPSTEAD HEATH PONDS PROJECT

Drawing Title: HAMPSTEAD NO.1
HARD LANDSCAPE DETAIL
MAINTENANCE STEP DETAILS
SHEET 2 OF 2

Scale	Designed	Drawn	Checked	Authorised
1:10	AW	IF	NM	LB
Original Size: A1	Date: 31/10/2014	Date: 31/10/2014	Date: 31/10/2014	Date: 31/10/2014

Drawing Number: 5117039-ATK-P10-ZZ-DR-L-7502
Revision: C1