



1 PLAN - STRUCTURAL LAYOUT OF TIMBER DECK
SCALE 1:25

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 FREQUENTLY 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

- ALL DIMENSIONS ARE IN MILLIMETRES.
- EXCAVATION TO BE EXTENDED TO SOUND MATERIAL IF DIRECTED BY THE ENGINEER TO BE BACKFILLED WITH TYPE 1 SUB-BASE MATERIAL.
- 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.
- ALL METAL DECK FIXINGS, SCREWS AND BRACKETS TO BE STAINLESS STEEL (AUSTENITIC GRADE 316).

Rev.	Date	Description	By	Chkd	Apprd
C1	20/02/2015	FOR CONSTRUCTION	IF	AW	LB

Drawing Status: **FOR CONSTRUCTION** Substanty: **A**

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Client: **City of London Corporation**

Project Title: **HAMPSTEAD HEATH PONDS PROJECT**

Drawing Title: **HAMPSTEAD NO.2 POND
HARD LANDSCAPE DETAILS
DECKING TO CULVERT INLET
SHEET 1 OF 11**

Scale	Designed	Drawn	Checked	Authorised
1:25	AW	IF	AW	LB
Original Size	Date	Date	Date	Date
A1	29/08/2014	29/08/2014	29/08/2014	29/08/2014

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