

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

n 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

THE POND RETAINED BY THE EMBANKMENT IS A LARGE RAISED - 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 RANFALL.

- 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.

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 OOT AREA (AROUND 40% AND ABOVE) MAY REQUIRE LOAD ESTING 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

- 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.

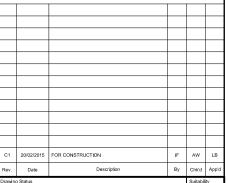
# DECOMMISSIONING/DEMOLITION

THE CULVERT OVERFLOW SHOULD NOT BE DEMOLISHED UNTIL
NA ALTERNATIVE SPILLWAY WITH THE SAME HYDRAULIC CAPACITY
S 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

- 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
  - 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
  - ALL METAL DECK FIXINGS, SCREWS AND BRACKETS TO BE STAINLESS STEEL (AUSTENITIC GRADE 316).



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HAMPSTEAD HEATH PONDS PROJECT

HAMPSTEAD NO.2 POND HARD LANDSCAPE DETAILS SHEET 4 OF 11

Scale	Designed	Drawn	Checked	Authorised
1:5	AW	IF	NM	LB
Original Size A1	Date 29/08/2014	Date 29/08/2014	Date 29/08/2014	Date 29/08/2014
Drawing Number				Revision

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