

REVISION:	DATE:	NOTE:

POND CONSTRUCTION

Pond construction work to be carried out only when the existing channel is completely dry. The pond area is to be excavated to the detailed reduced levels. All adjoining ground to be fully protected during excavation works. All excavations works to be carried out under the direction and supervision of an Archaeological Watching Brief. All top soil to be retained for reuse with all cleared unwanted material to be removed from site.

The excavated area to be fully lined with a heavy duty EPDM rubber membrane to the whole area and dressed up to all perimeter edges and dug in. Liner laid on underlay on 50mm sand bed.

Form sluice outlet chamber as located on plan with 600 x 450 rectangular concrete sections on in-situ concrete base. Chamber constructed to invert and cover levels as shown with 300mm dia. piped outlet to existing inspection chamber and fitted with hinged metal cover and vertical grille plate.

All perimeter edges of pond to be made good with flint stone decoration (reclaimed from previous excavations) and planting as shown on plans and detailed below.

Form 3.0m long by 1.2m wide timber "seating platform" to Northern side of pond as shown on plans. Jetty constructed with timber boarding on 100 x 50 framing with 100 x 100 support posts all bolted together. Posts set in concrete bases to bank and onto concrete slab to base of pond.

STREAM CONSTRUCTION

Existing stream base and side to be cleaned off with all gravel retained for reuse. Base and sides lined with heavy duty EPDM rubber membrane on sand bed and bedded in to bank each side. Replace gravel surfacing with new feature stones and planting to client's selection. Install water circulation pump system between existing inflow pool at Eastern end of channel and new pond with 50mm dia. rigid upvc duct pipe bedded into bank of channel prior to installing liner.

PLANTING

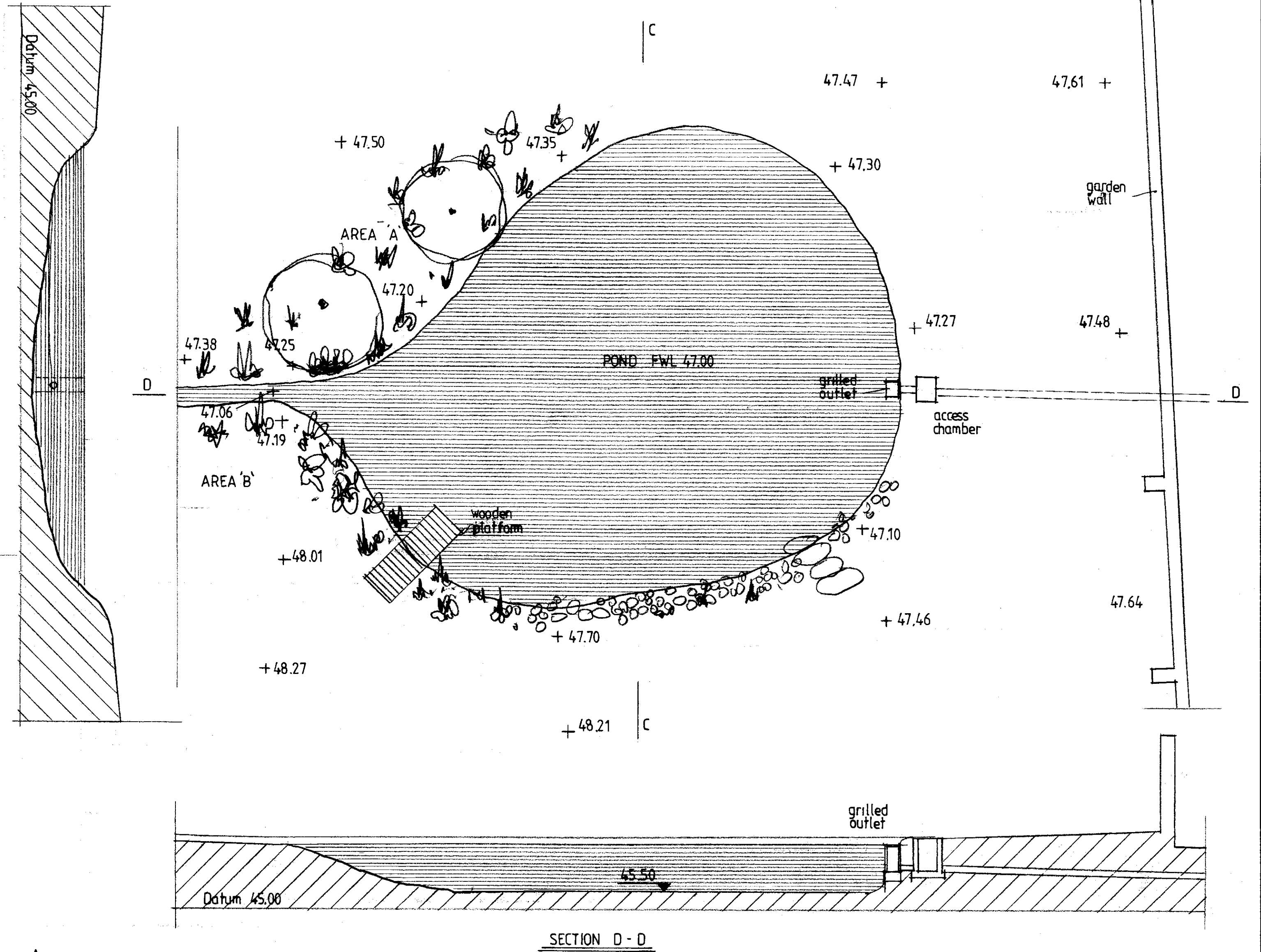
Area A will include some larger architectural specimens including two Salix Chrysocoma (Golden Weeping Willow) and Gunnera Tinctoria.

Pond side planting to Area B leading in from the stream will include Primula Japonica (Candelabra Primula) and a range of Iris - Iris Versicolor, Iris Pseudacorus, Iris Laevigata and Iris Sibirica. This area will include grasses, eg. Carex Elata "Aurea", Flowering Rush (Butomus Umbellatus) and marginal plants such as Caltha Palustris (Marsh Marigold) and Pontederia Cordata, Mimulus Luteus and Trollius Stenopetalus.

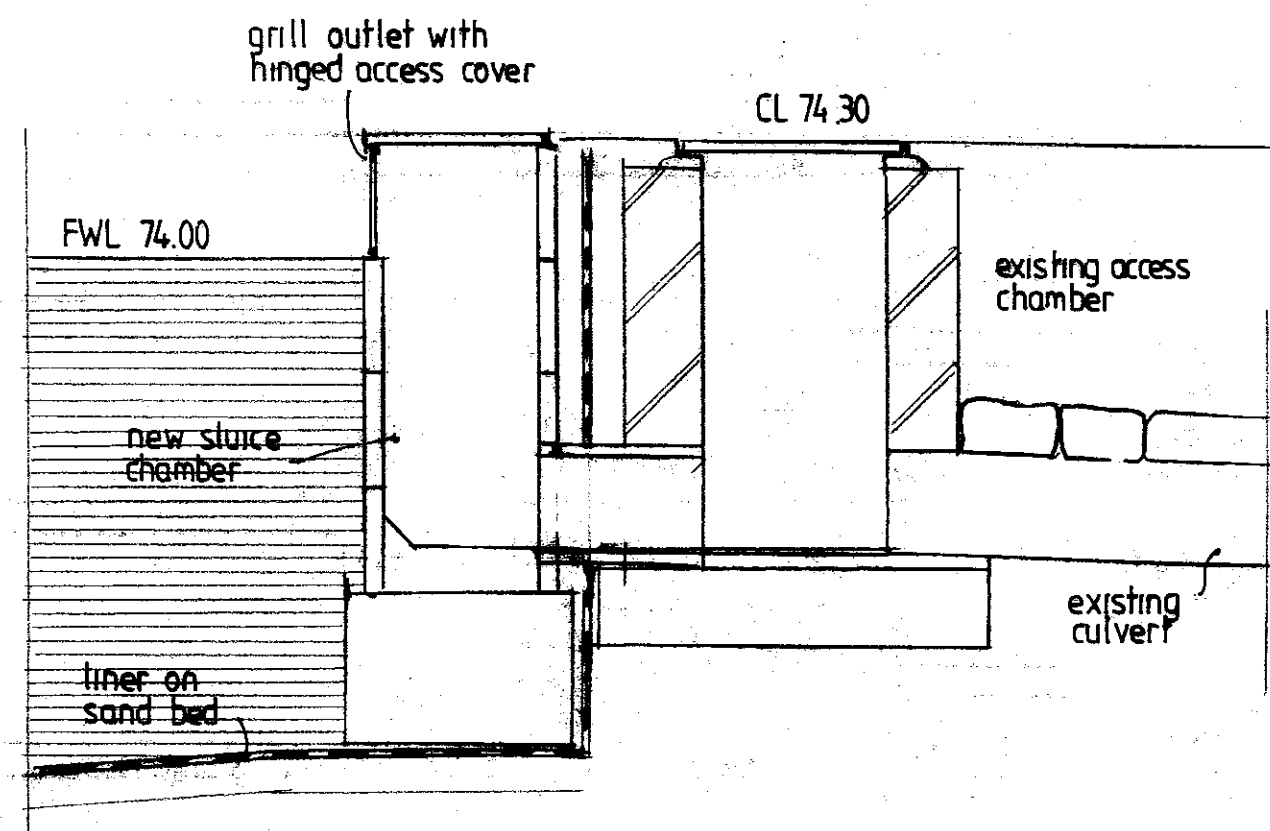
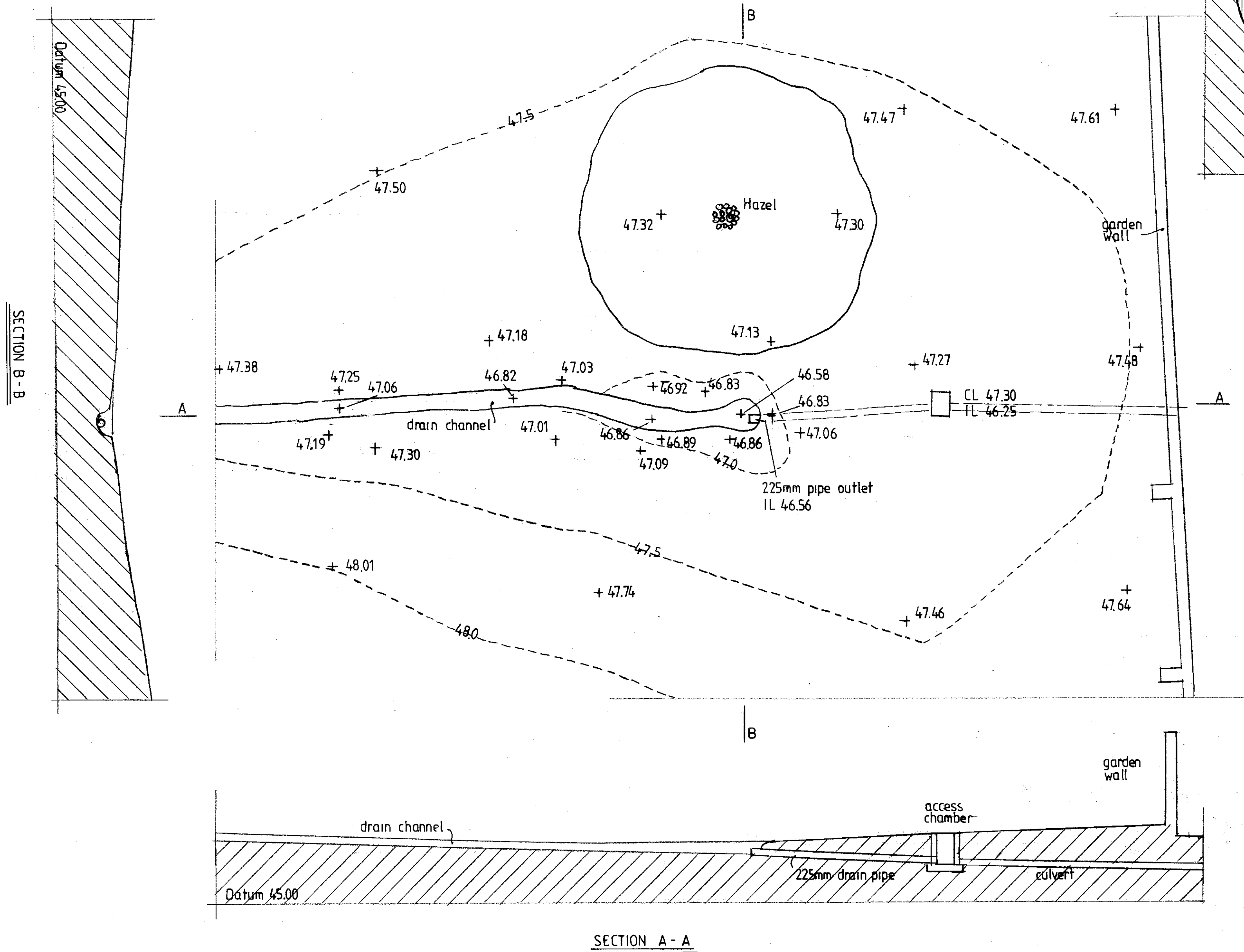
There will also be a wide range of flowering plants on both sides of the pond to provide interest through the seasons, including Persicaria Bistorta "Superba", Bergenia -"Rosi Klose", Alchemilla Mollis (Ladies Mantle), Ranunculus Acris "Sulphureus", Sweet Rocket - Esperis Matronalis, Nigella Damascena and Geum Coppertone.

The pond itself will be planted out with a range of Water Lilies.

PROPOSED PLAN & SECTIONS TO POND AREA



EXISTING PLAN & SECTIONS TO POND AREA



homeplans

Church Gardens, Church Hill, Harefield, Middlesex UB9 6DU

T: 01895 822488
E: patrick@homeplansharefield.com
W: www.homeplansharefield.com



CLIENT: MR & MRS MCHUGH

PROJECT: CHURCH GARDENS
CHURCH HILL, HAREFIELD

TITLE: DESIGN PROPOSAL -POND
PLANS & SECTIONS

DRG NO:
1600|35

DATE:
JAN 2021

SCALE:
1:100 AT A1

DRAWN:
PJM

