Installation of tempory piles will be by Hydraulic Vibrator Hammer (Vibro). The vibrating hammer to be used at South Stoke is designed to reduce unwanted vibration and noise.

Generally Vibro Hammers are noisy on the start up and when the piles are reaching refusal. In general this can be reduced by using High Frequency (HF) or Variable Moment (VM) Vibro.

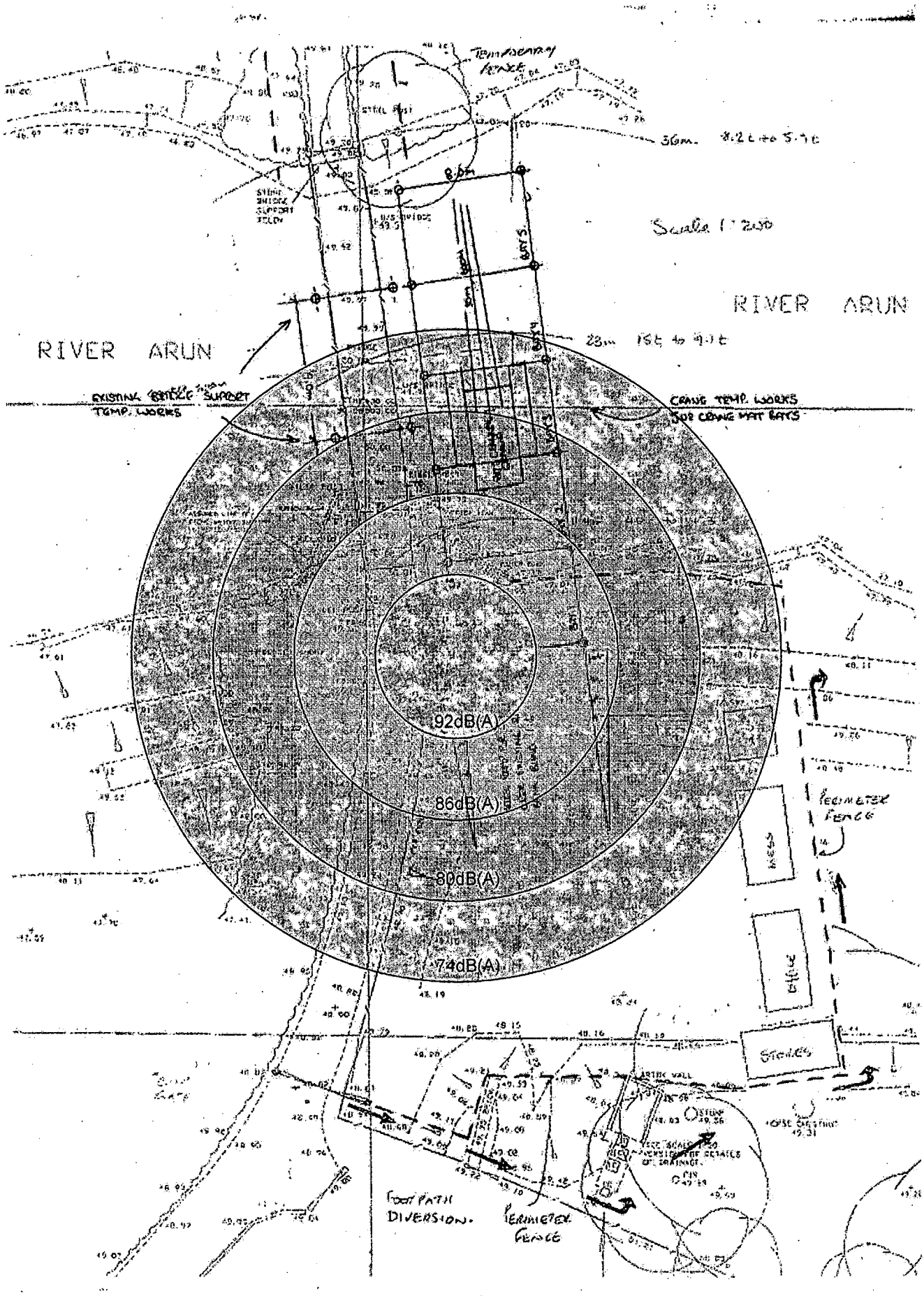
Attached is a plan indicating anticipated noise emissions from a 40VM Vibro (VM) Hydraulic Vibrator Hammer. The noise levels at boundary level are anticipated to fall below 65dB (A). 6dB (A) is lost every time you double the distance from the working machine.

Overall the Cyclical Operations (CO) of installing tubular piles will result in an overall reduction of noise (LEQ).

Type	600mm diameter steel tubular pile (15m)
No.	12No
CO	40min per pile (4 piles per day)
Type	400mm universal bearing pile (15m)
No.	4No
CO	30min per pile (4 piles per day)

A noise monitor will be installed along the boundary fence during Vibro piling operations to ensure noise levels do not peak above 75dB (A).

ARUN DISTRICT COUNCIL
No. SS 6 06
RECEIVED 26-7-06


RIVER ARUN
RIVER ARUN
Scale 1:250
92dB(A)
86dB(A)
80dB(A)
74dB(A)
EXISTING FENCE SUPPORT TEMP. WORKS
CRANE TEMP. WORKS FOR CRANE MAT BAYS
PERIMETER FENCE
FOOT PATH DIVERSION.
PERIMETER FENCE