

REEFTON POWERHOUSE PROJECT

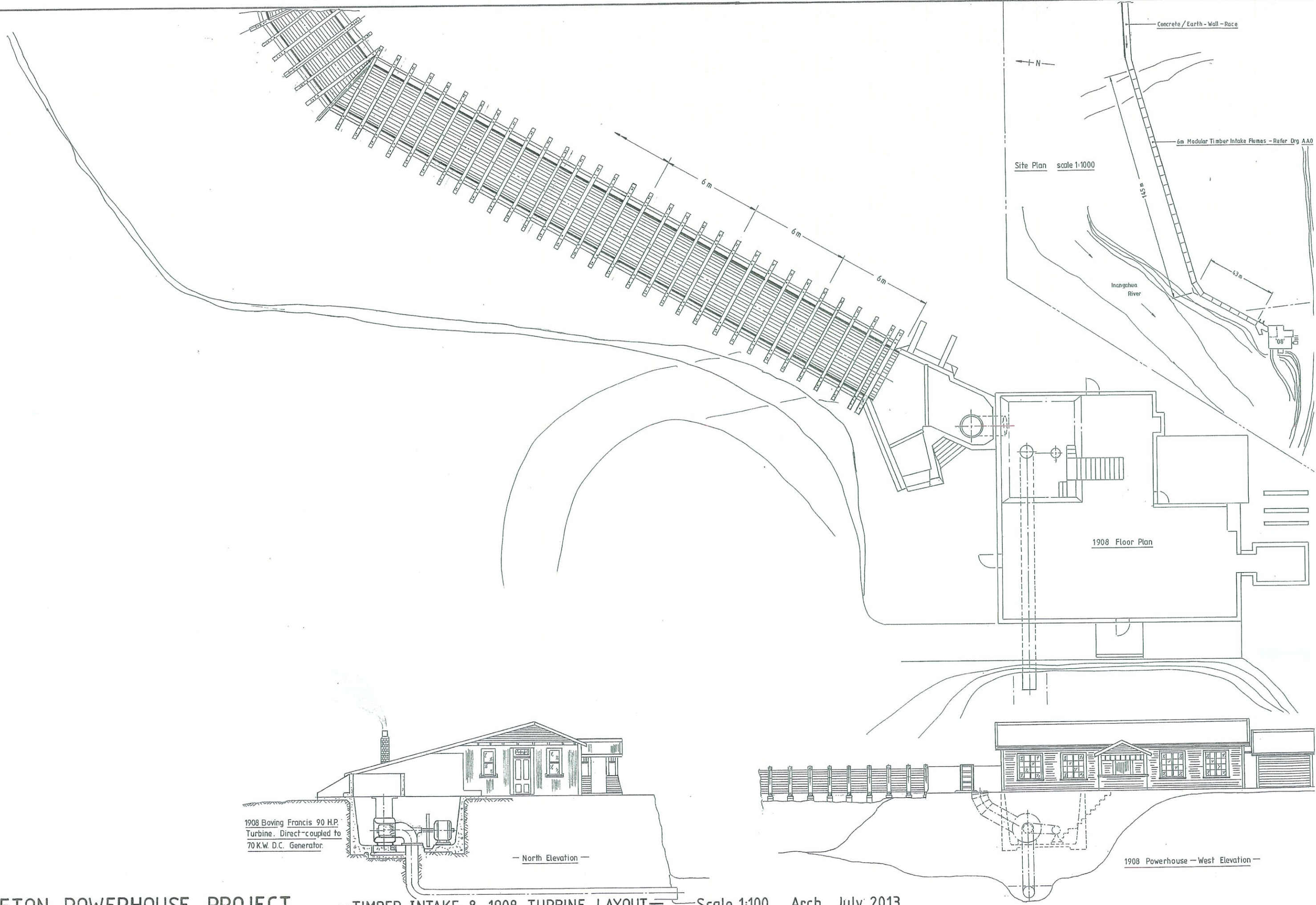
—SITE PLAN / CARPARK—

Scale 1:200

Arch

May 2013

AA 018



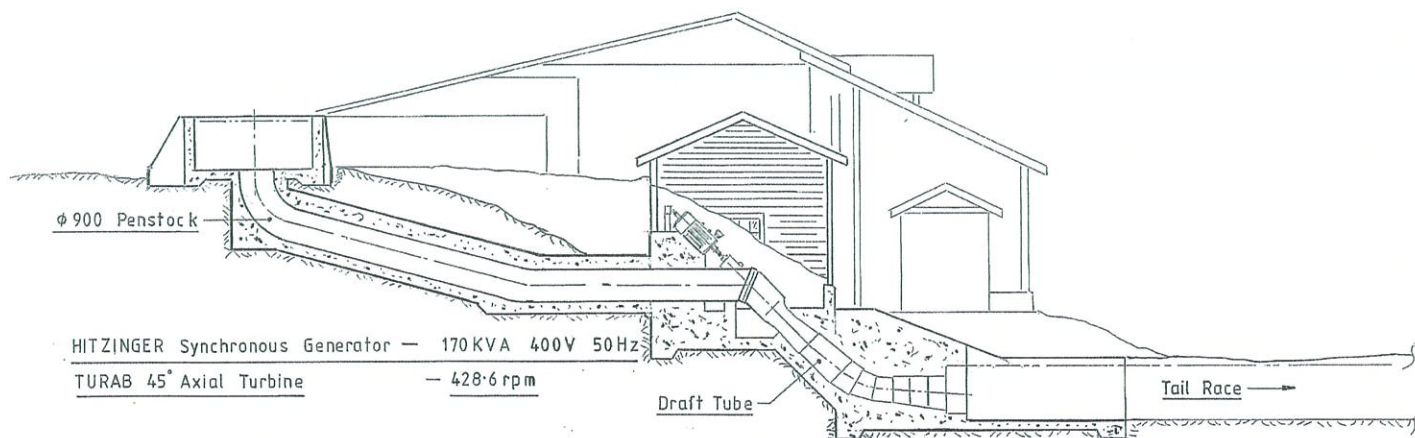
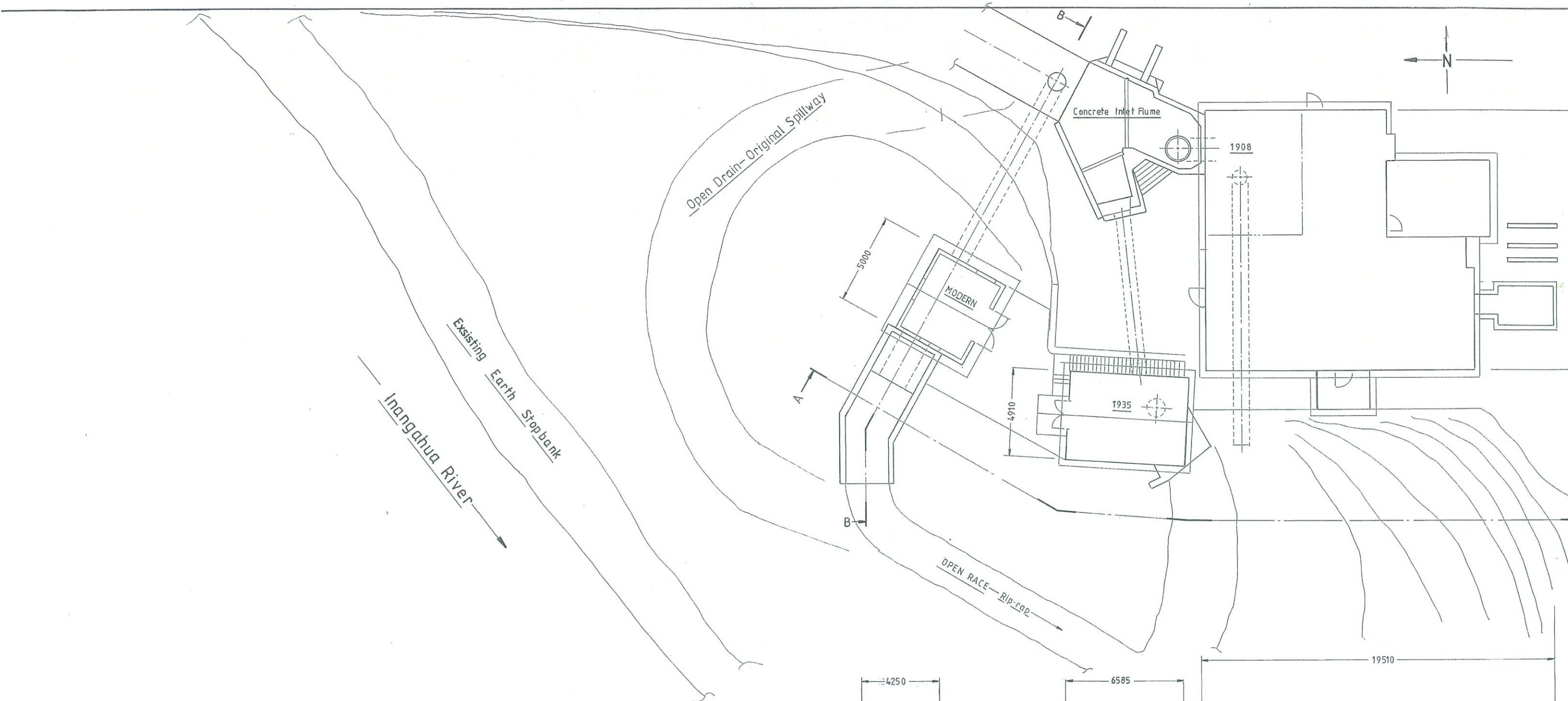
1908 Boving Francis 90 H.P. Turbine. Direct-coupled to 70 K.W. D.C. Generator.

— North Elevation —

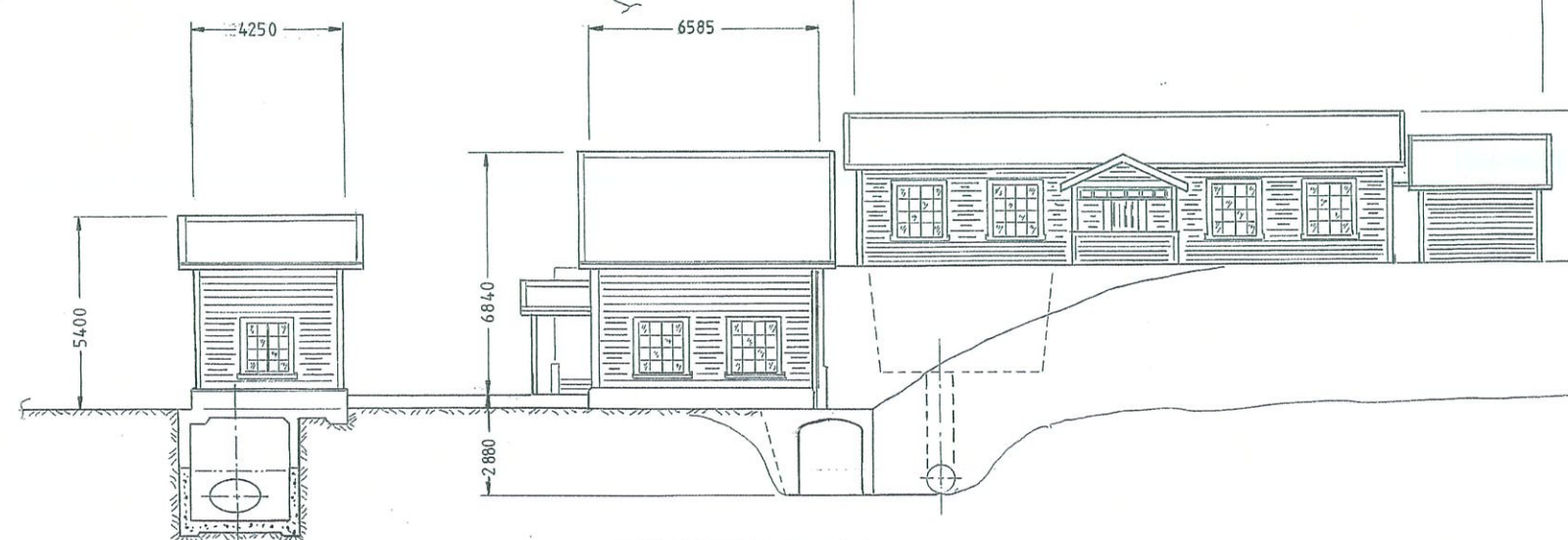
1908 Powerhouse — West Elevation —

REEFTON POWERHOUSE PROJECT

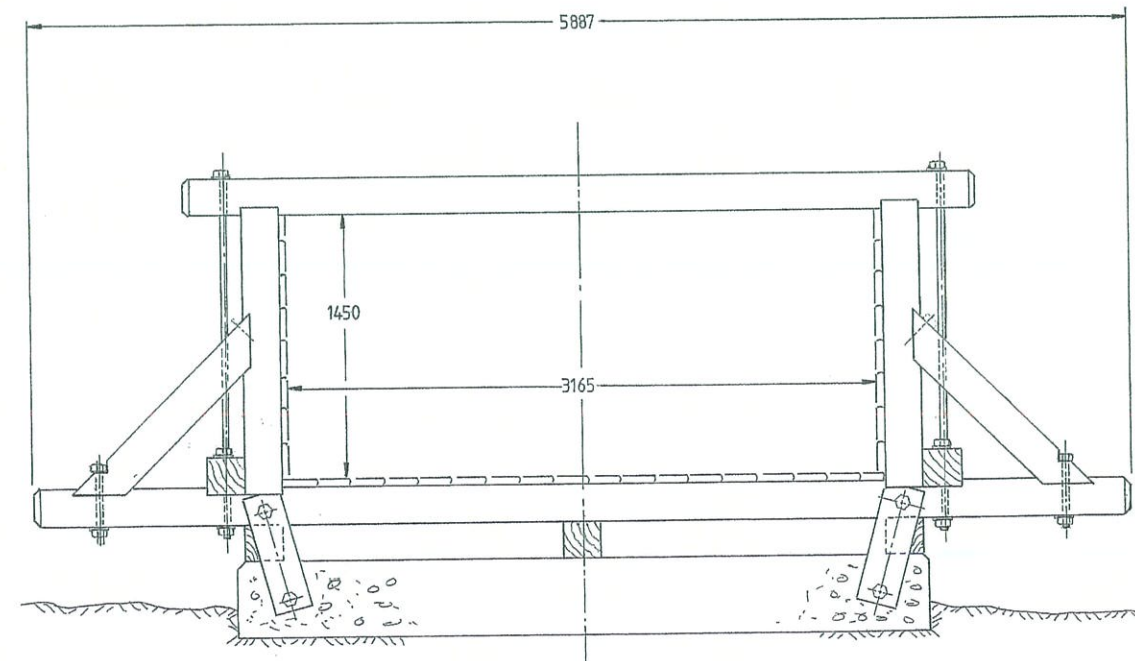
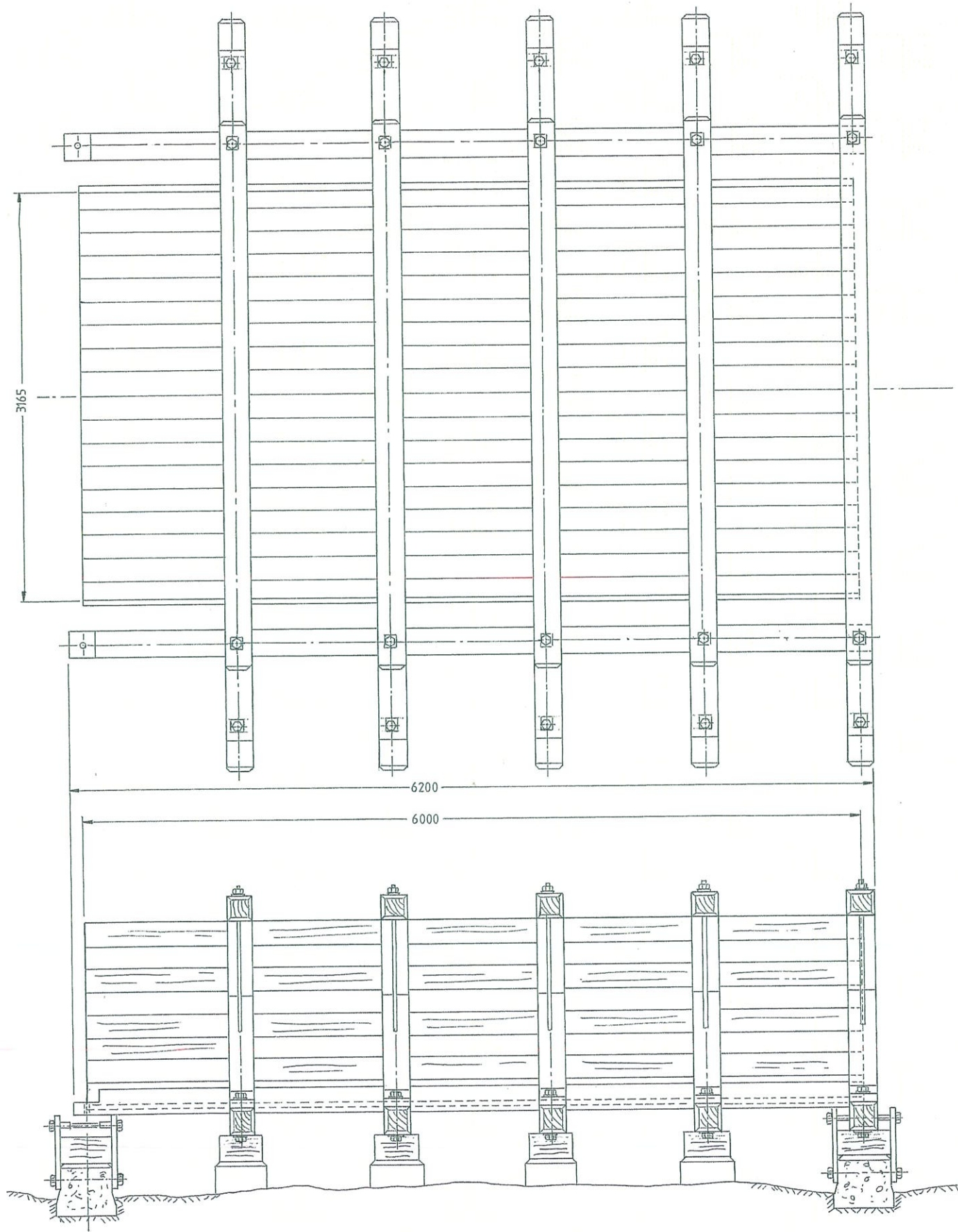
— **TIMBER INTAKE & 1908 TURBINE LAYOUT** — Scale 1:100 Arch July 2013



B-B NORTH ELEVATION Detail of Modern Plant



WEST ELEVATION from A-A

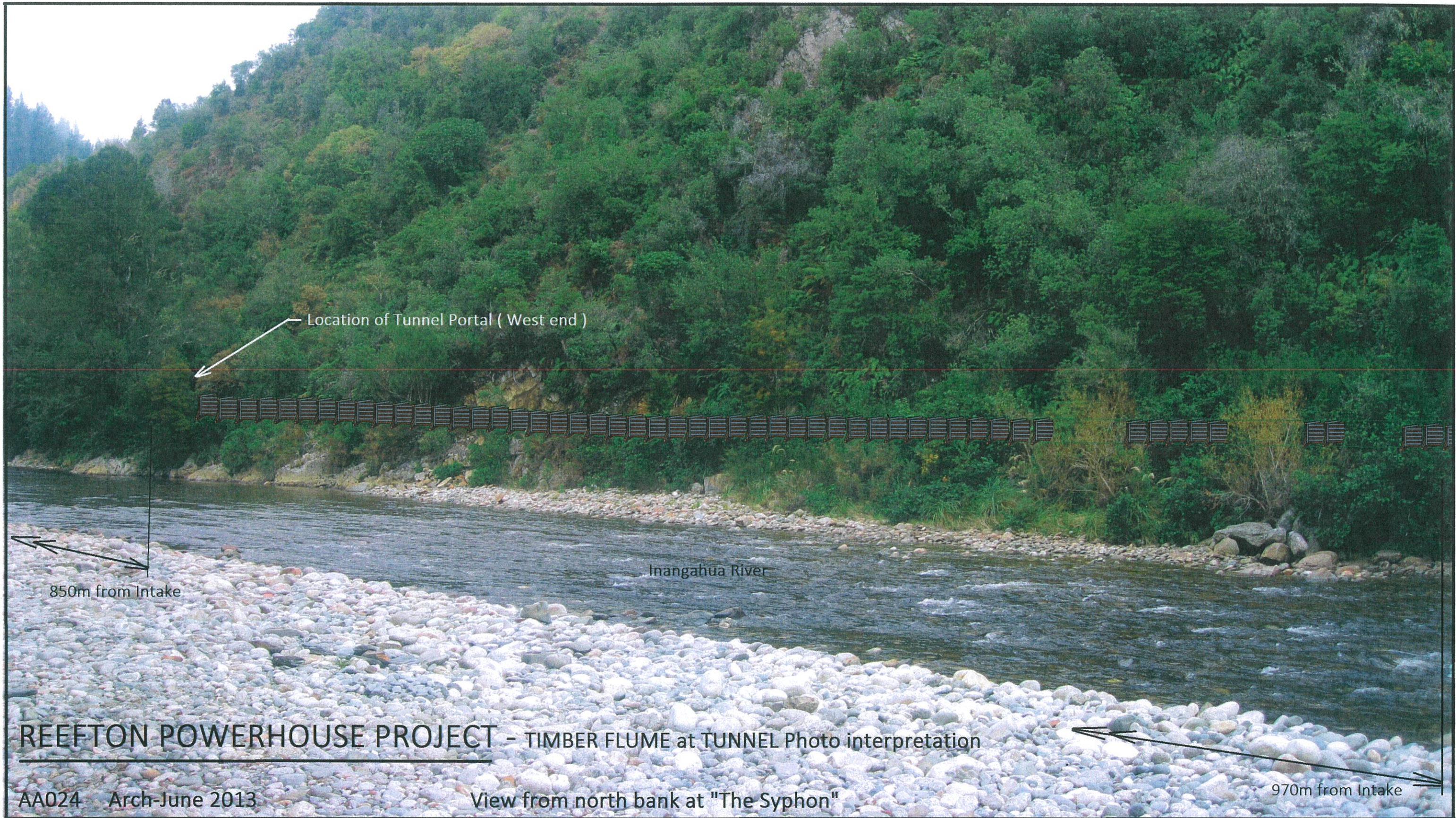


REEFTON POWERHOUSE PROJECT

—TIMBER INTAKE RACE—

Scale 1:20 Arch July 2013 (30x6m Sections req'd)

AA026



Location of Tunnel Portal (West end)

850m from Intake

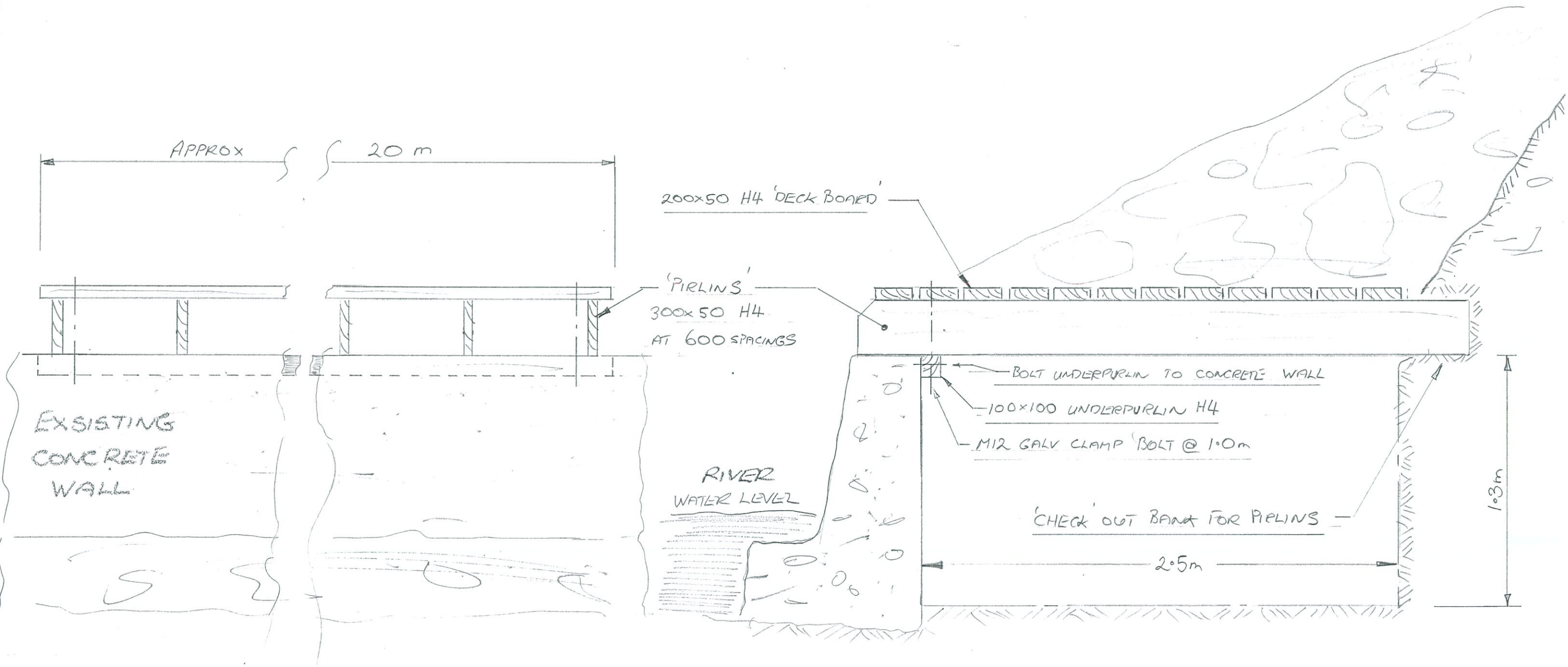
Inangahua River

REEFTON POWERHOUSE PROJECT - TIMBER FLUME at TUNNEL Photo interpretation

AA024 Arch-June 2013

View from north bank at "The Syphon"

970m from Intake



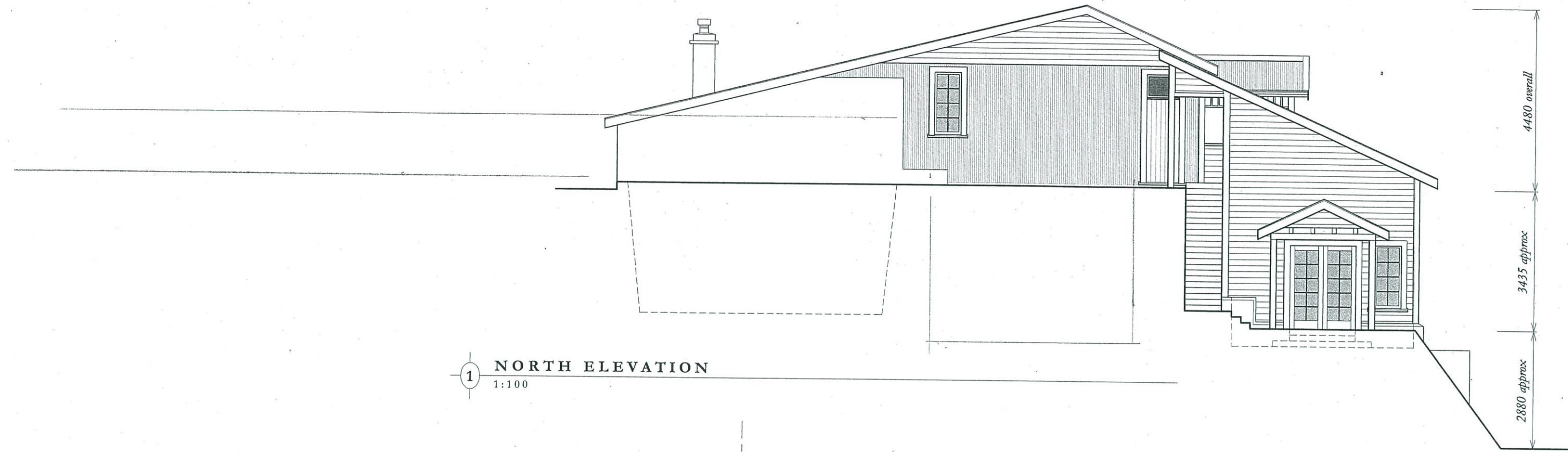
REEFTON POWER HOUSE PROJECT

TIMBER 'ROOF' FOR SLIP (APPROX 30m FROM INTAKE)

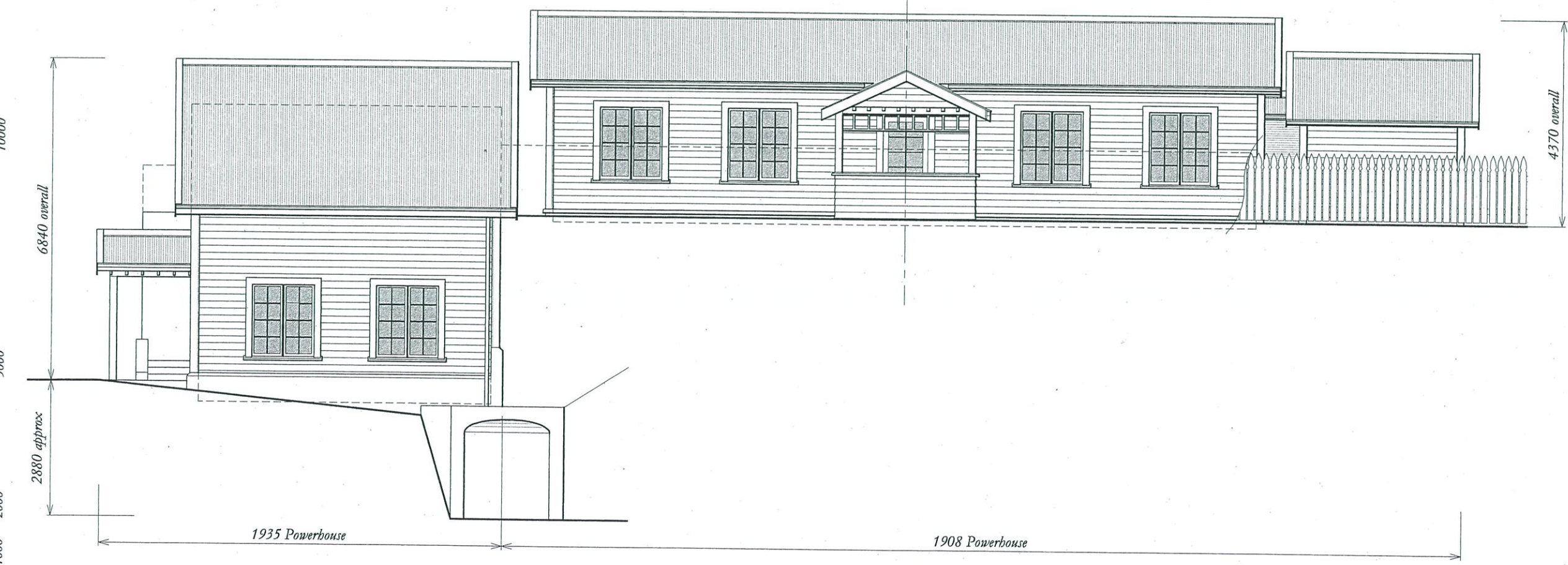
SCALE 1:20

ARCH - APRIL 2013

20000
original scale
1:100 at A3



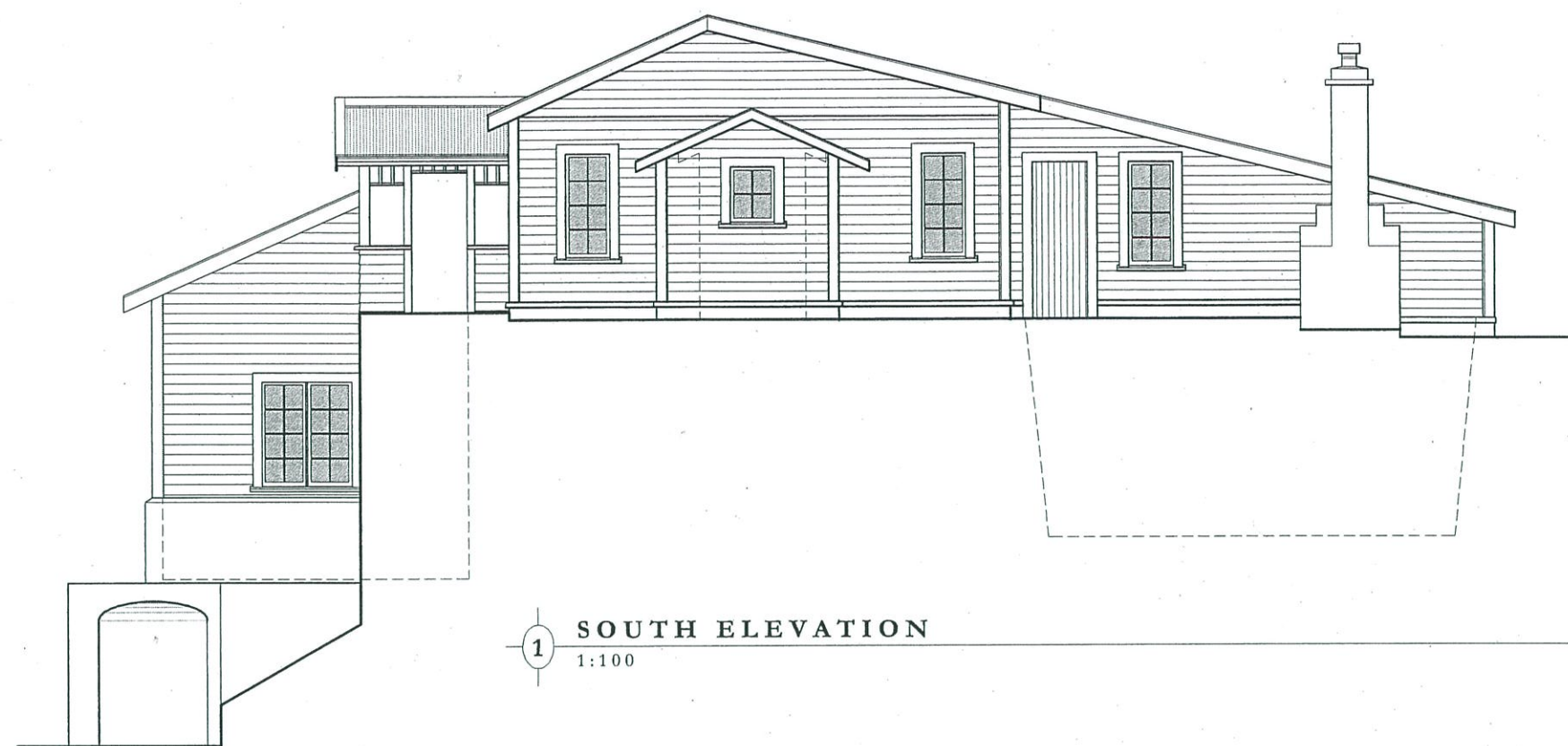
1 NORTH ELEVATION
1:100



1 WEST ELEVATION
1:100

POWER STATION REEFTON	ELEVATIONS 1 RM 20-9-2012	408
COCHRAN & MURRAY CONSERVATION ARCHITECTS		SK04A
20 GLENBERVIE TERRACE WELLINGTON 6011 04 472 8847		

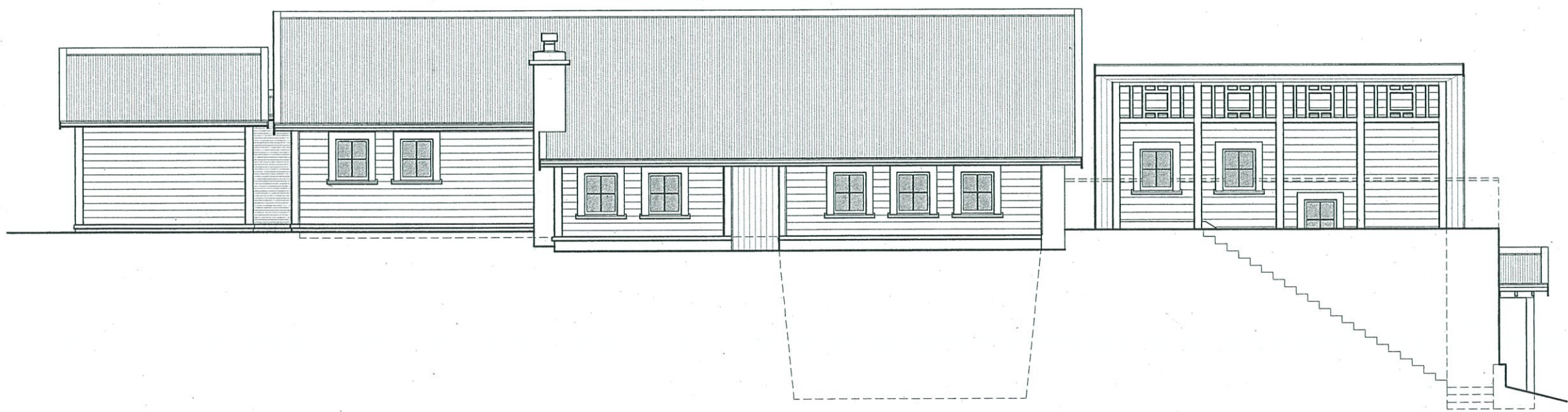
20000
original scale
1:100 at A3



1 SOUTH ELEVATION
1:100

10000

5000



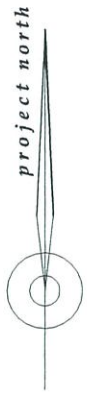
1 EAST ELEVATION
1:100

2000

1000

0

POWER STATION REEFTON	ELEVATIONS 2 RM 20-9-2012	408
COCHRAN & MURRAY CONSERVATION ARCHITECTS 20 GLENBERVIE TERRACE, WELLINGTON 6011, 0-4-472 8847		SK05A



20000
original scale
1:100 at A3

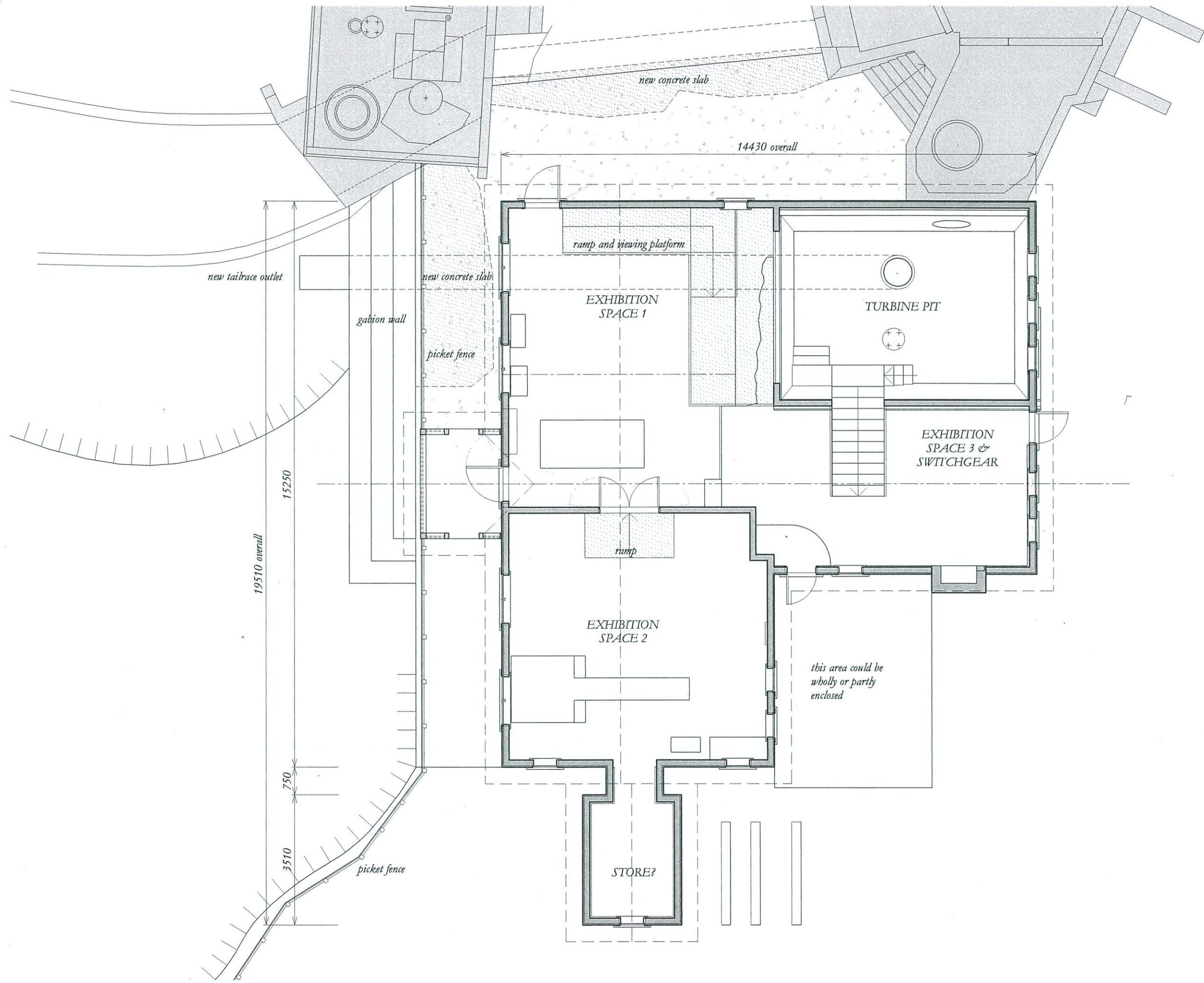
10000

5000

2000

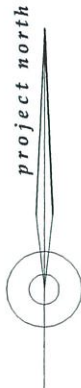
1000

0



1 1908 PROPOSED FLOOR PLAN
1:100

POWER STATION REEFTON	1908 PROPOSED FLOOR PLAN RM 20-9-2012	408
COCHRAN & MURRAY CONSERVATION ARCHITECTS 20 GLENBERVIE TERRACE, WELLINGTON 6011, 0-4-472 8847		SK03A



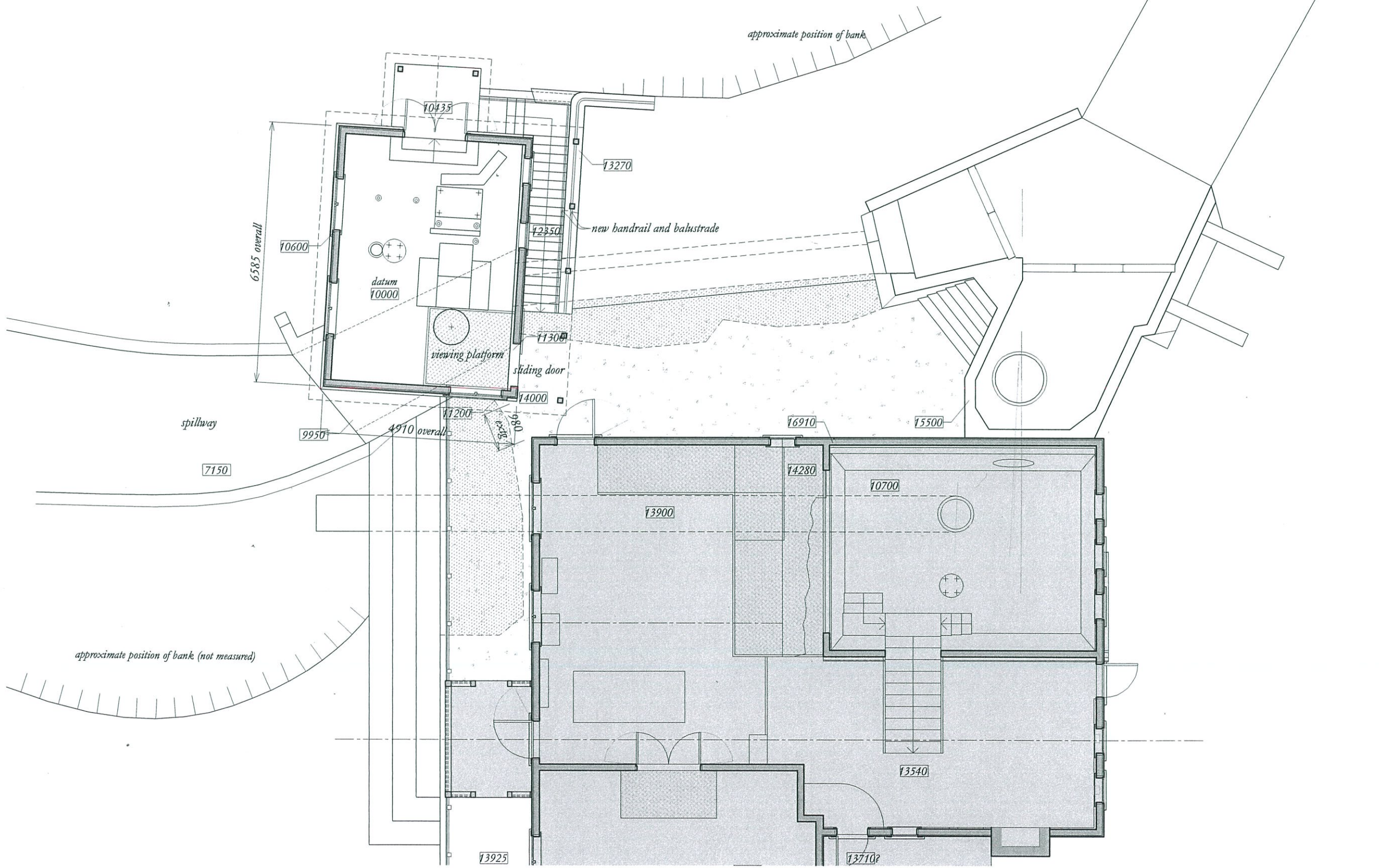
20000
original scale
1:100 at A3

10000

5000

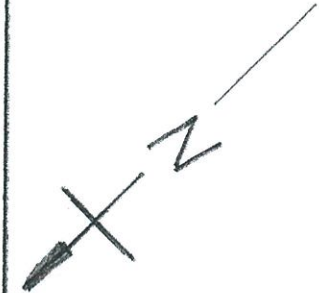
2000

0



1 1935 PROPOSED PLAN
1:100

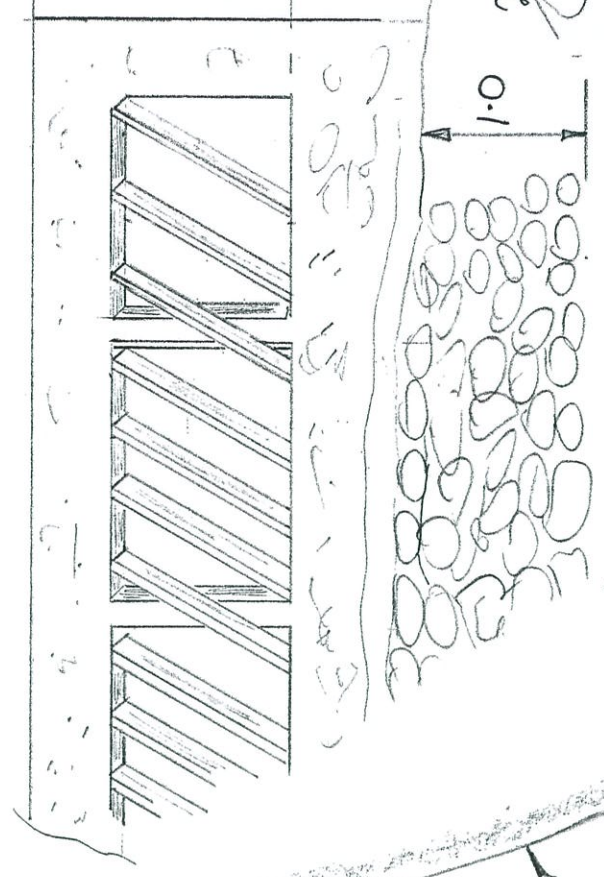
POWER STATION REEFTON	1935 EXISTING PLAN RM 20-9-2012	408
COCHRAN & MURRAY CONSERVATION ARCHITECTS 20 GLENBERVIE TERRACE, WELLINGTON 6011, 0-4-472 8847		SK 103 A



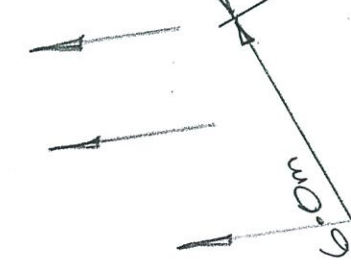
MANGAHUA RIVER



WATER EDGE

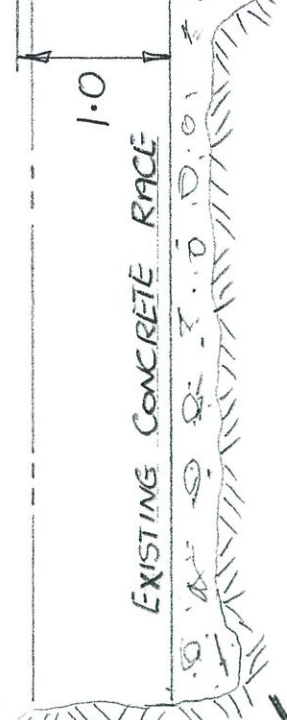


EXISTING RACE



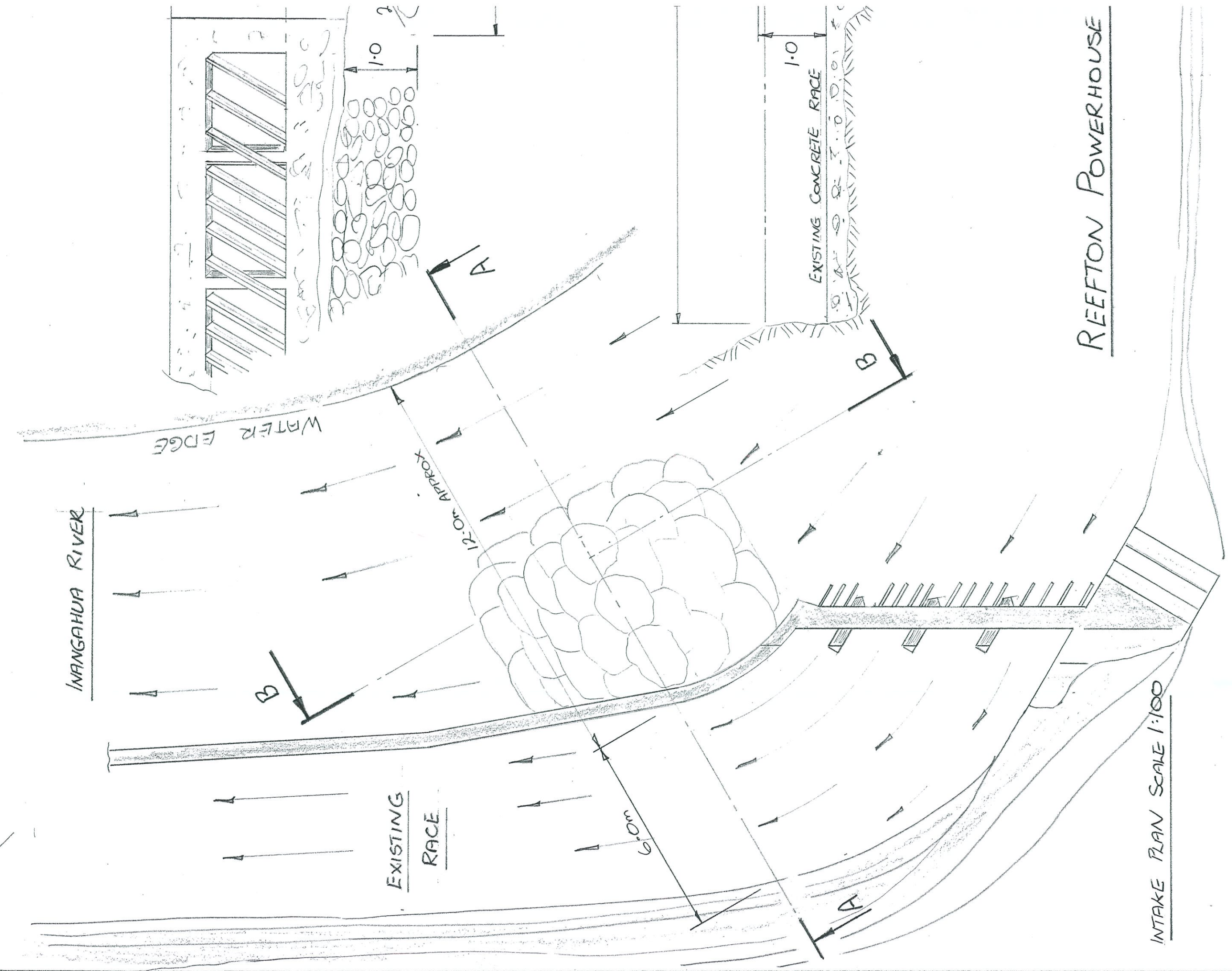
12.0m APPROX

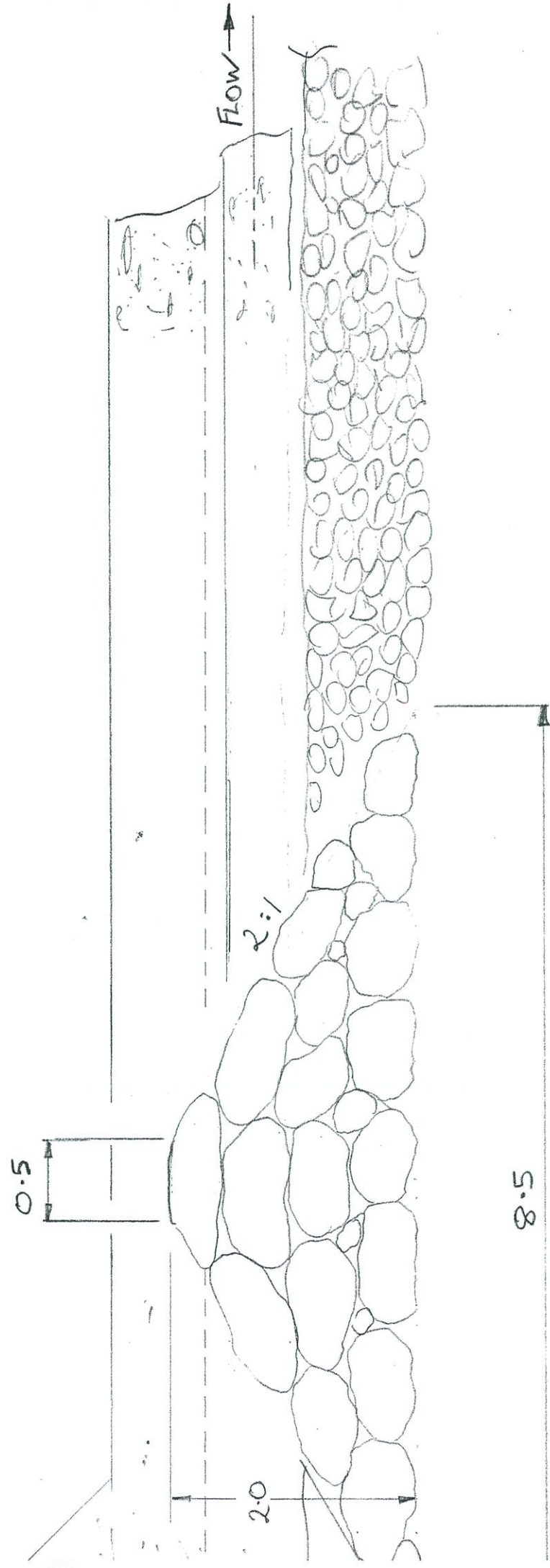
EXISTING CONCRETE RACE



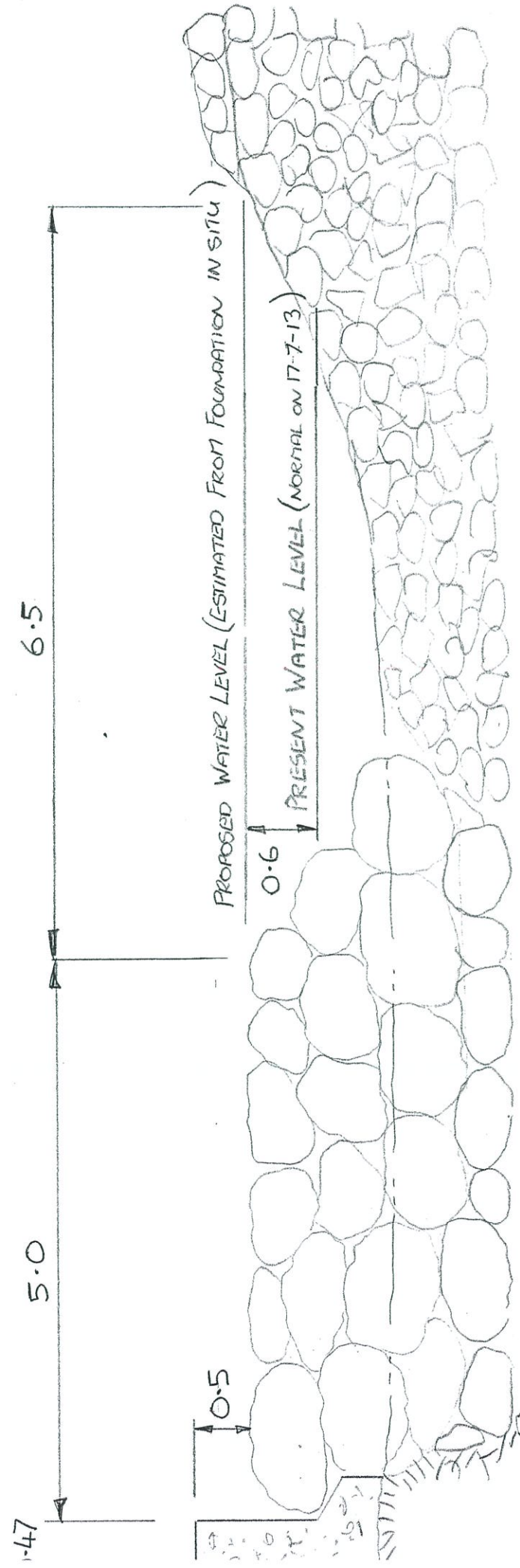
REEFTON POWERHOUSE

INTAKE PLAN SCALE 1:100





SECTION B-B



SECTION A-A

PROJECT — INTAKE GROTNE — BLACKS POINT

SCALE 1:50 ARCH - JULY 2013

AA 025