

VERTICAL SCALE 1:2000 @ A3

0 30/08/13 GR MW TI ISSUE FOR NOR / CONSENT

AMD DATE DESIGN REVO APPO REVEW A MOR PURPOSE OF ISSUE / AMENDMENT



DISCLAIMER
The information shown on this drawing is solely for the purposes of supporting RMA applications for statutory approvals.
All information shown is subject to review for compliance with approved consents and the outcomes of final design.

ARA TŪHONO - PŪHOI TO WELLSFORD						
PŪHOI TO WARKWORTH - FOR RMA APPROVALS						
DRAWN SP / AN	DRAFTING CHECK TC	REVIEWED DISCIPLINE MANAGER	APPROVED ALLIANCE MANAGER			
DESIGNED	DESIGN REVIEW	MW	TI			

CONSTRUCTION WATER MANAGEMENT
CONCEPT PLAN - OKAHU VIADUCT METHODOLOGY
SHEET 1 OF 2

SCALE AS SHOWN
CONTRACTION PA3748

STATE PA3748

CONTRACTION PA3748

CONTRACTION PA3748

CONTRACTION PA3748

SEQUENCE

- ESTABLISH EROSION AND SEDIMENT CONTROL (NOT SHOWN).
- 2. ESTABLISH TEMPORARY STABILISED ACCESS TRACK TO PIER LOCATIONS SEQUENTIALLY FROM NORTH SIDE OF ESTUARY.

 3. ESTABLISH STREAM CROSSING BAILEY BRIDGE AND ESTABLISH TEMPORARY ESTUARY ACCESS TRACK TO PIER LOCATIONS WITHIN TIDAL EXTENTS SEQUENTIALLY.
- 4. PLACE SHEET PILE COFFER DAM AND SAND BAGS.
- EXCAVATE INSIDE THE COFFER DAM, SPOIL TO BE REMOVED FROM SITE TO TIP.
- PLACE PUMP AND PUMP WATER FROM EXCAVATION TO DEB OR
- CONSTRUCT REINFORCED CONCRETE PILES.
- CONSTRUCT REINFORCED CONCRETE PIER FOUNDATION.
- CONSTRUCT REINFORCED CONCRETE PIERS.
- REMOVE PUMP.

EXISTING ESTUARY BED LEVEL

- REMOVE COFFER DAM.
- 12. REMOVE ALL TEMPORARY ACCESS TRACKS.13. STABILISE DISTURBED EARTHS.
- 14. REMOVE ESC ONCE THE AREA IS STABILISED.

 $NOTE\underline{S:} \quad \text{for general notes and legend refer to drawing es-001}$

OKAHU VIADUCT - CONCEPTUAL PIER AND FOUNDATION CONSTRUCTION ES-071 SCALE 1:100 @ A3 SIZE

- NORTHBOUND VIADUCT BEAM / SEGMENT





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CONSTRUCTION WATER MANAGEMENT CONCEPT PLAN - OKAHU VIADUCT METHODOLOGY								
SHEET 2 OF 2								
AS SHOWN	PA3748	ES-072	О					

AS SHOWN PA3748 ËS-072