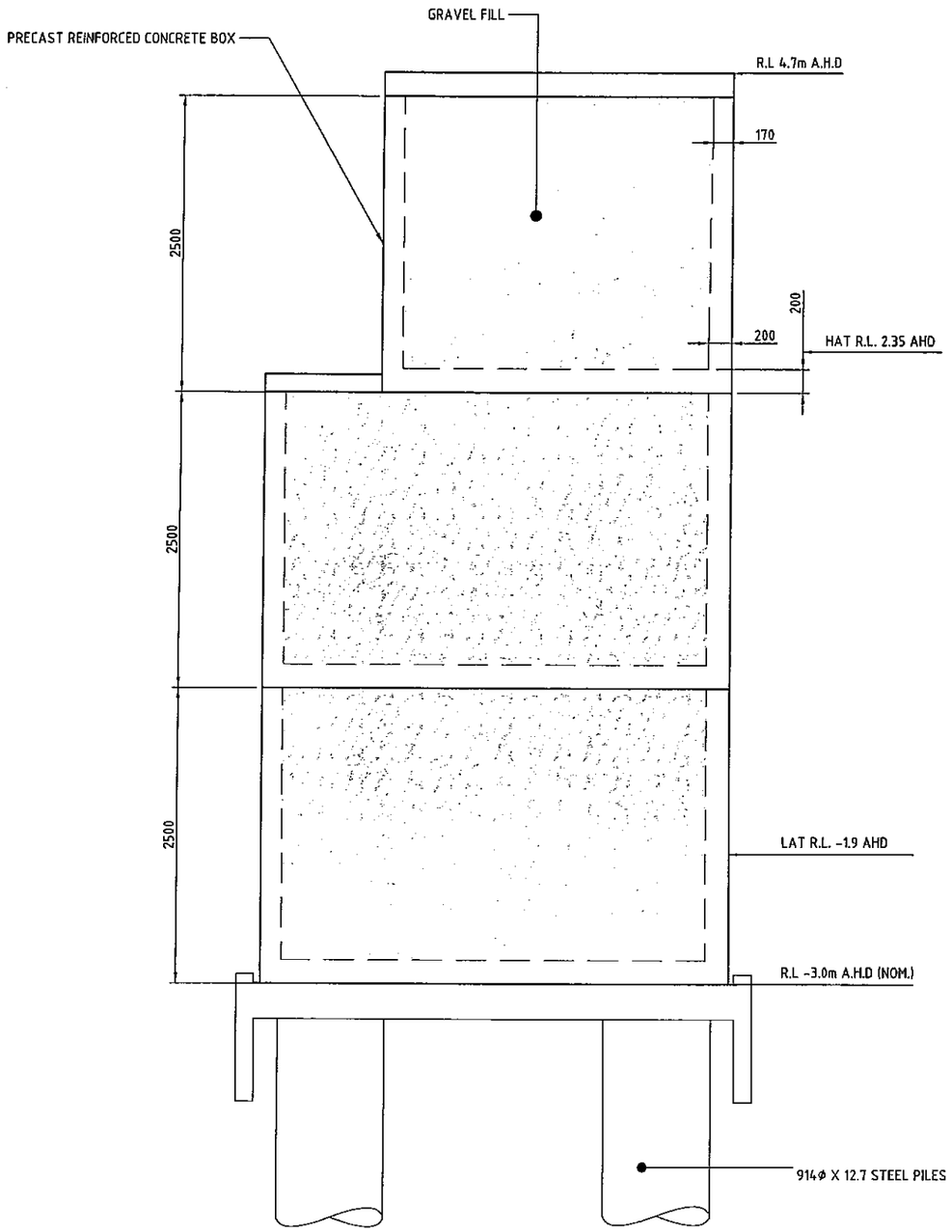

WALL 4 AND WALL 5 - BREAKWATER OPTION USING CONCRETE BLOCK TYPICAL SECTION

SCALE 1:25

NOTE

1. PILE SIZING AND FOUNDING DEPTH SUBJECT TO CHANGE, FOLLOWING CONFIRMATION OF STRATA GEOTECHNICAL STRENGTH PARAMETERS. ASSUMED MARINE SEDIMENTS FRICTION ANGLE = 18°.
2. PRECAST CONCRETE BOXES TO BE DESIGNED IN ACCORDANCE WITH RELEVANT STANDARDS AND GUIDELINES

0.25 0 0.25 0.5 0.75 1.0 1.25m 1:25

SCALE BEFORE REDUCTION

DATE PLOTTED: 04 August, 2008 - 9:37am

Rv.	DATE	REVISIONS	REC.	APPR.

© Cardno (Qld) Pty Ltd All Rights Reserved 2005.
Copyright in the whole and every part of this drawing belongs to Cardno (Qld) Pty Ltd and may not be used, sold, transferred, copied or reproduced in whole or in part in any manner or form or on any media, to any person other than by agreement with Cardno (Qld) Pty Ltd.

This document is produced by Cardno (Qld) Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Cardno (Qld) Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by third party on the content of this document.

DESIGNED: MK
DRAWN: SD
CHECKED: RC
RECOMMENDED: PROJ. MAN.
APPROVED: PROJ. DIR.
RPEQ: 1470
CAD FILE: L:\7900-48\01\Acad\7900481-351.dwg
XREF's: XR-A1-BD-SHT

A1 DATUM: A.H.D.

Cardno
Cardno (Qld) Pty Ltd
Level 1, 5 Gardner Close, Milton 4064
P.O. Box 368, Toowong 4066.
Email: cardno@cardno.com.au
Web: www.cardno.com.au
ACN: 051 074 992

OFFICES:	TELEPHONE	FAX
Brisbane	(07) 3369 9822	(07) 3369 9722
Sydney	(02) 9418 8233	(02) 9418 8529
Gold Coast	(07) 5539 9333	(07) 5538 4647
Sunshine Coast	(07) 5443 3555	(07) 5443 5642
Townsville	(07) 4772 1188	(07) 4721 2506
Harvey Bay	(07) 4124 5455	(07) 4124 5155
Central Coast	(02) 4323 2558	(02) 4324 3251
Melbourne	(03) 9818 7755	(03) 9818 7033
Rockhampton	(07) 4924 7500	(07) 4928 4375
Toowoomba	(07) 4637 8122	(07) 4637 8155

SHUTE HARBOUR MARINA DEVELOPMENT

SHUTE HARBOUR MARINA
MARINA
WALL 4 AND 5 - BREAKWATER OPTION USING CONCRETE BLOCKS
TYPICAL ELEVATION

DATE: 1-08-2008
DRAWING No:
7900/48/01-351
Rv.