

Structerre reference number: S683553

15 April 2014

23 copy

The Manager
SHARYL MARSH
14 Trinity Rise
COLLEGE GROVE WA 6230

Attn: Sharyl Marsh

Dear Sharyl

**EMBEDMENT CHECKING AND COMPACTION TEST
AT
#14 TRINITY RISE COLLEGE GROVE**

In response to your recent request, a representative from this Office visited the above-mentioned site on 11 April 2014.

1. PURPOSE

The purpose of the visit was to inspect and comment upon removal of sand in front of retaining wall and check compaction.

2. OBSERVATIONS

Upon digging in front of the retaining wall in a number of places, the embedment was found to be a minimum of 300mm.

A number of compaction tests were carried out using a Perth Sand Penetrometer in random locations in front of the retaining wall. Results are as follows 7/7/7, 4/4/6, 4/5/4, 13 refusal and 8/11/10.

3. COMMENTS & RECOMMENDATIONS

Based on the observations on site, the embedment depth was found to be within minimum requirements, hence the previous reduction in embedment will not have structural implications on the retaining wall.

Based on the results from the compaction test and Structerre's minimum requirements of 6 blows per 300mm, compaction in front of the retaining wall will need to be brought up so that it meets the minimum requirements.

4. CONCLUSION

It is considered once the remedial actions described in this letter have been completed with due diligence, the structure will be structurally sound and suitable for the use as described within this Report.

This report is at the request of the client who has the technical knowledge and expertise to interpret it. It is not intended for a third party or for court purposes. If a report of this nature is required please refer back to this Office.

Thank you for the opportunity to assist you in this matter. If this Office can be of further assistance, please do not hesitate to contact us again 9721 1733.

Yours faithfully



Daniel Goodall
Engineer's Assistant

Authorisation

This report has been reviewed and authorised for release



Greg Hamilton
South West Manger Bunbury

Disclaimer:

This report is at the request of the addressee for submission to Council and no liability is accepted by Structerre Consulting Engineers to any other person reading or relying upon the report, notwithstanding any rule of law and/or equity to the contrary, and that this report is strictly confidential and intended to be read and relied upon only by the addressee, and the Council.

Job #	Revision	Authored	Checked	Authorised
S683553	0	DG	GR	GRH