**TECHNICAL COMMITTEE REPORT FOR PRESENTATION AT THE QUARTERLY MEETING ON 20th OCTOBER 2017**

**Date of Reported Meeting:** 6th September 2017

**Date of Next Meeting:** 7th November 2017

**Load Cases**

There is a significant issue in the way pile loading is being presented to piling sub-contractors. This is causing confusion and errors in the way pile schemes are designed. A first draft was issued to the Committee however it was felt it should be a guidance document rather than a position paper.

It will propose standardised terminology and recommend the FPS E-Pile Schedule. It is also hoped that this can be integrated into the software used by structural engineers.

**Sonic Testing vs Tip Testing**

Previously it was reported due to the safety hazards identified in placing sonic tubes in piles a small working group has been set up to compare sonic testing and thermal integrity profile testing. It was agreed to produce an FPS Guidance Note that will cover the positives and negatives of Sonic and TIP testing and will review other types of testing including Thermal Profiling. An initial draft was circulated however following discussion and comment by the Technical Committee it will require some minor changes and will be re-circulated to the Safety and Training group, Technical Committee and the Executive.

**SPERWall**

Jim De Waele was invited to attend the Technical Committee meeting to present the changes between the 2nd and 3rd edition.

**Helical Piles**

A further draft of the BS8004 Appendix A Guidance note on Helical Piles was circulated to the Committee prior to the meeting, Chris Oram was unable to attend the meeting however it was advised he has received comments which are being considered for a final draft which will be circulated before the next meeting.

**Building Information Modelling**

At the last meeting Neil Chadwick was invited to the meeting to discuss the AGS Data Format for piling, this resulted from the BIM working group’s work on producing guidance which looks at data capture for Piling. It was suggested the AGS Data Format was considered as a means to classify this data for BIM purposes. At the meeting of the 6th September it was proposed to send this to the FPS BIM Group who have recently been dormant in a hope to re-invigorate the group.

It was also noted the AGS held a conference on Data Format on the 20th September at the Motorcycle Museum in Birmingham.