

ALMA MATER STUDIORUM – UNIVERSITÀ DI BOLOGNA

SCUOLA DI INGEGNERIA E ARCHITETTURA

DICAM – Dipartimento di Ingegneria Civile, Ambientale e dei Materiali

Corso di Laurea Magistrale in Ingegneria Civile

TESI DI LAUREA MAGISTRALE

**PROVE SU TAVOLA VIBRANTE DI UN SILO METALLICO A
FONDO PIANO: ANALISI DELLA RISPOSTA SISMICA
MEDIANTE MISURAZIONI OTTICHE**

APPENDICE A – Parte 6

CANDIDATO

Caterina Neri

RELATORE

Chiar.mo Prof. Ing. Stefano Silvestri

Anno Accademico 2018-2019

Sessione I

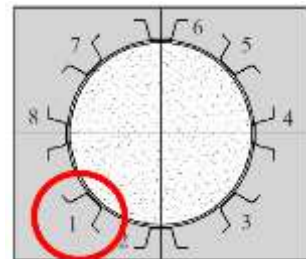
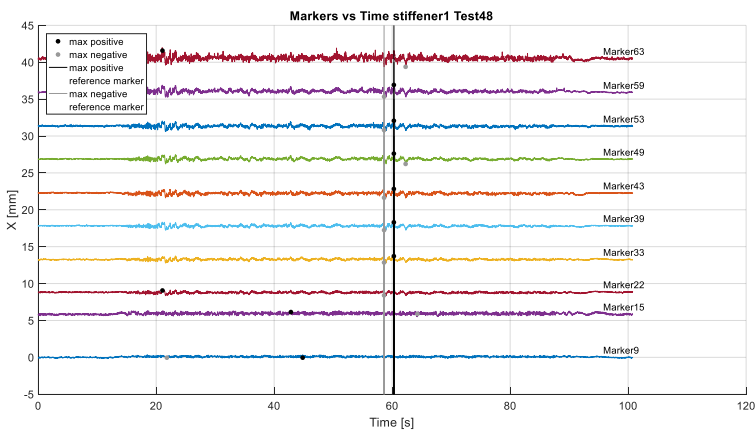
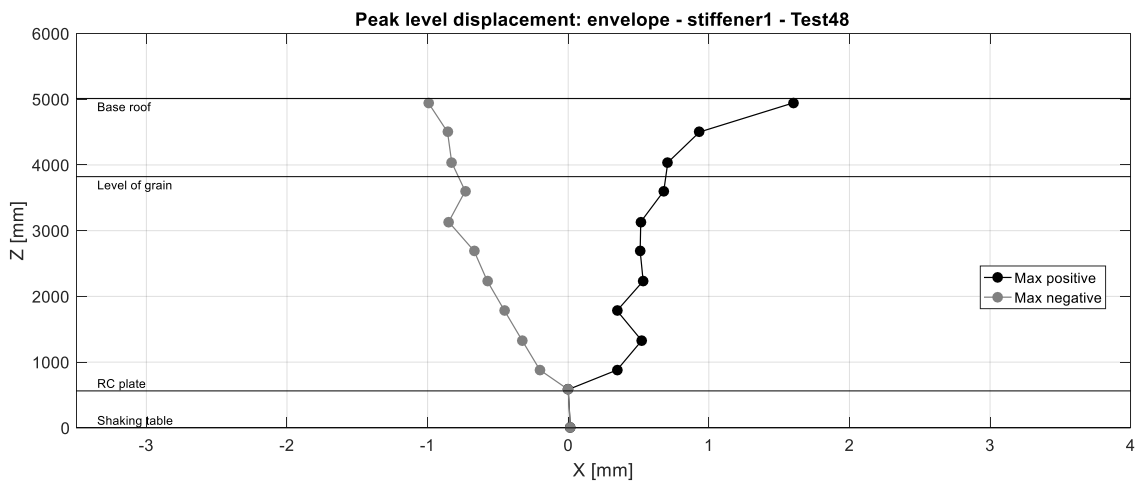
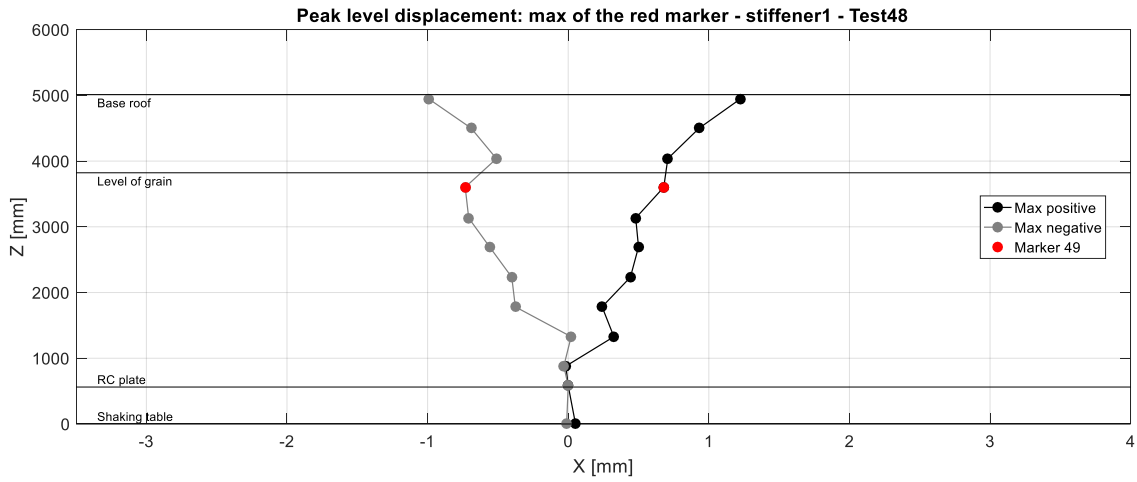
INDICE APPENDICE A

A. 4 Fase di riempimento	1
A. 4.2 Celle di pressione	1
A. 4.3 Estensimetri.....	2
A. 5 Prove in configurazione a base fissa	6
A. 5.1 Celle di pressione	6
A. 5.2 Accelerometri.....	12
A. 5.3 Amplificazioni dinamiche.....	28
A. 5.4 Estensimetri.....	30
A. 5.5.1 Sforzi nei montanti – Parte 1	94
A. 5.5.2 Sforzi nei montanti – Parte 2	174
A. 5.6.1 Markers – Parte 1	290
A. 5.6.2 Markers – Parte 2	335
A. 6 Prove in configurazione a base isolata	370
A. 6.1 Celle di pressione	370
A. 6.2 Accelerometri.....	372
A. 6.3 Amplificazioni dinamiche.....	382
A. 6.4 Estensimetri.....	383
A. 6.5.1 Sforzi nei montanti – Parte 1	423
A. 6.5.2 Sforzi nei montanti – Parte 2	483
A. 6.6.1 Markers – Parte 1	547
A. 6.6.2 Markers – Parte 2	577

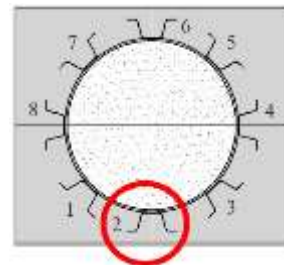
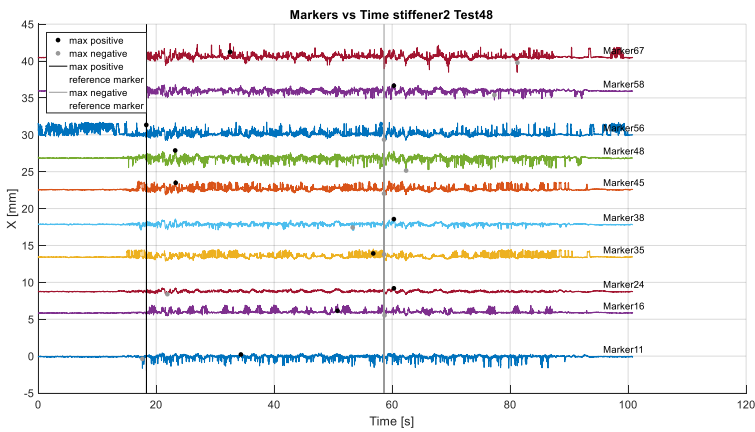
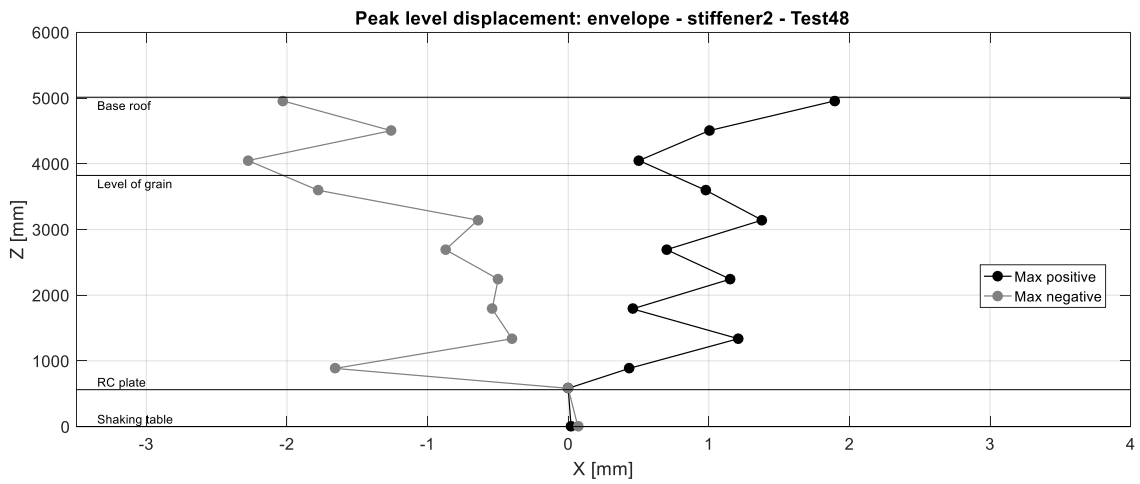
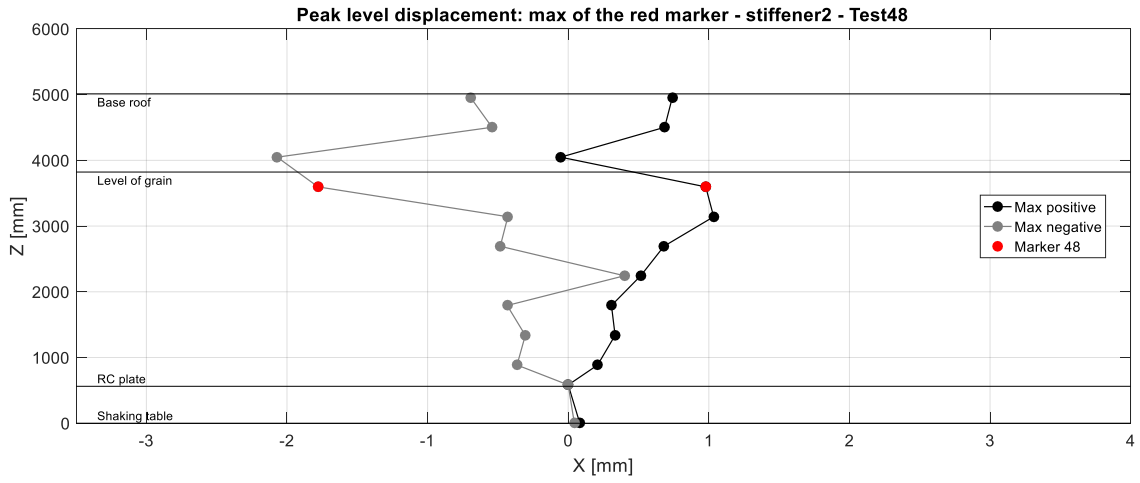
A. 5.6.2 Markers – Parte 2

Earthquake input RS1 0.3 g: Test 48

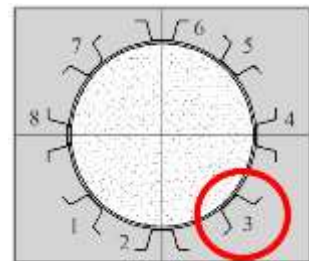
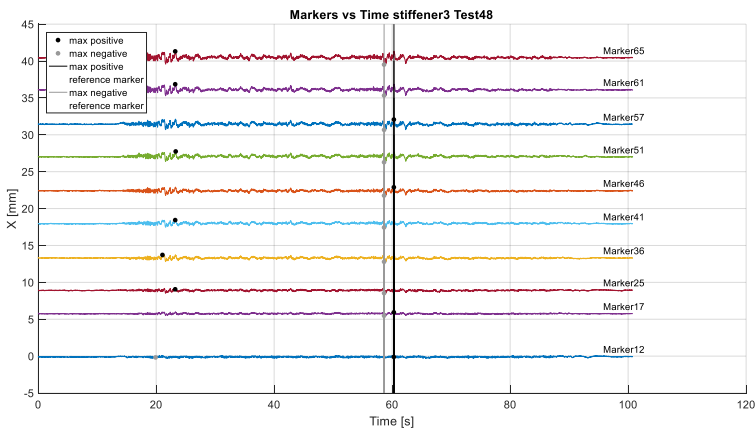
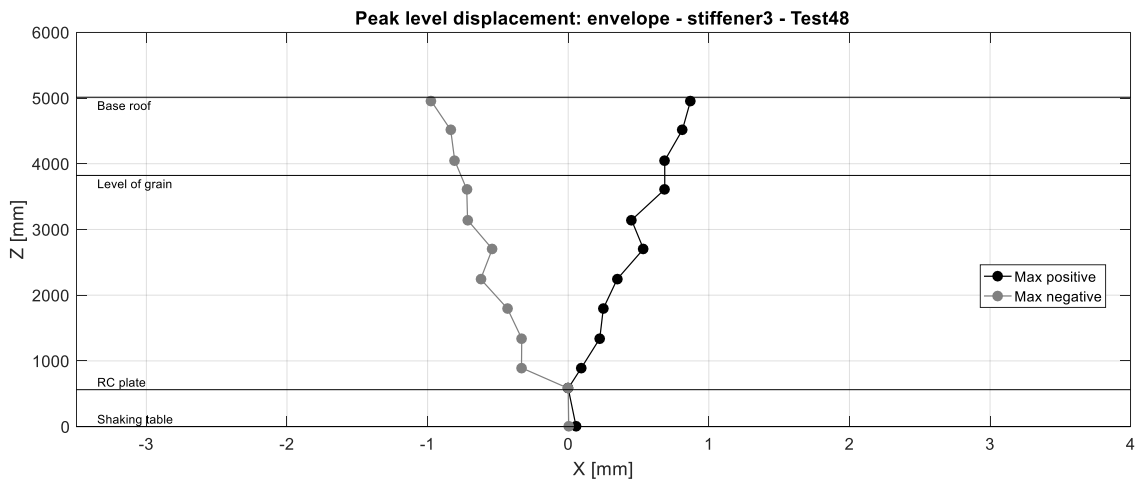
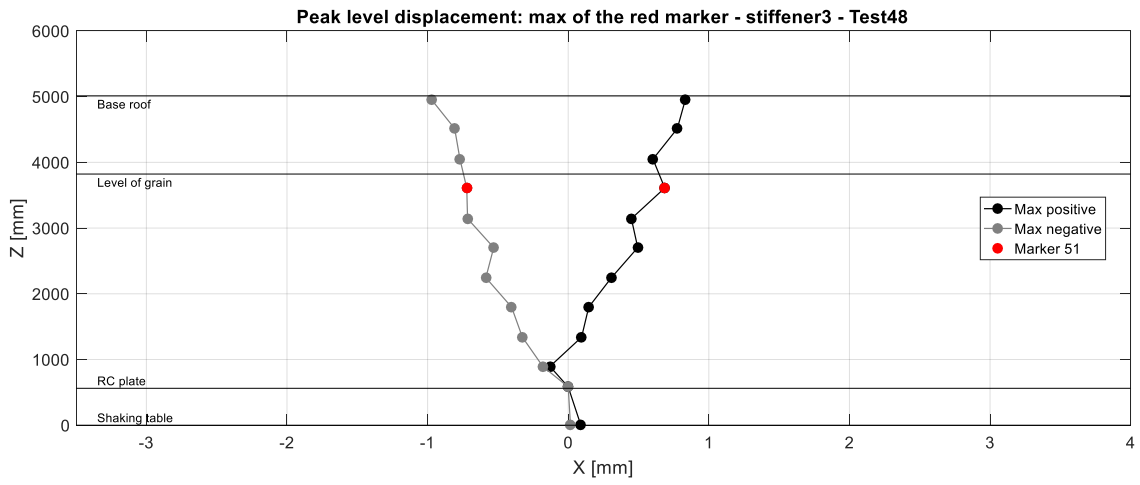
Montante 1



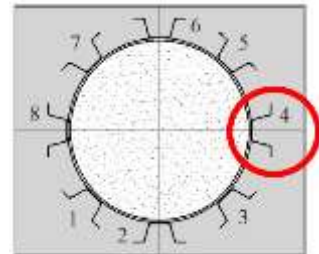
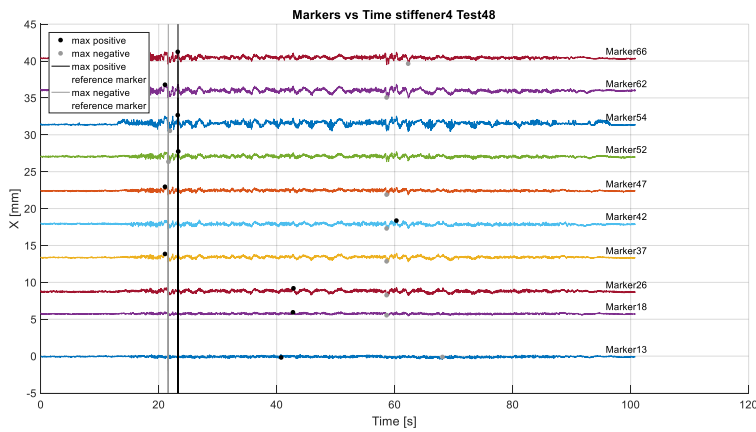
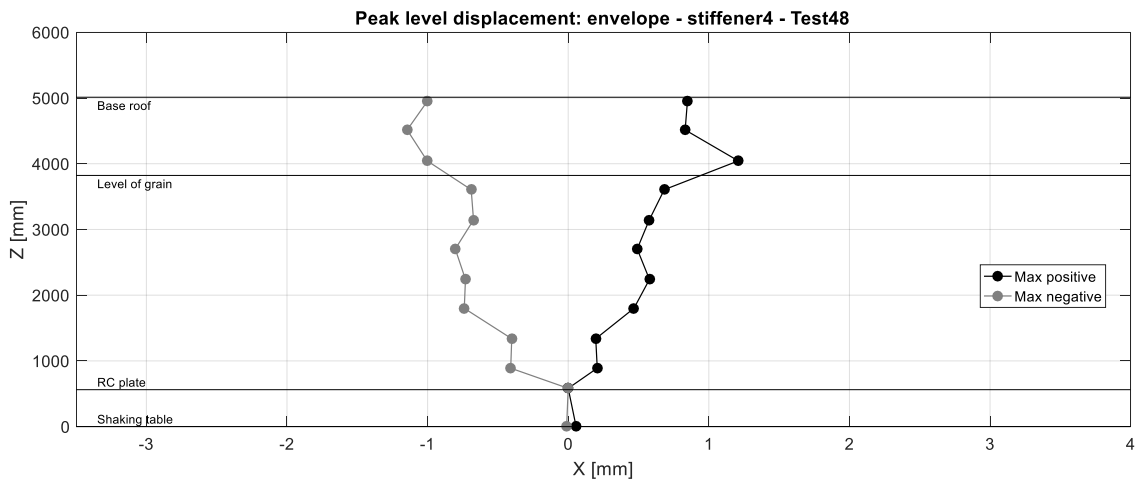
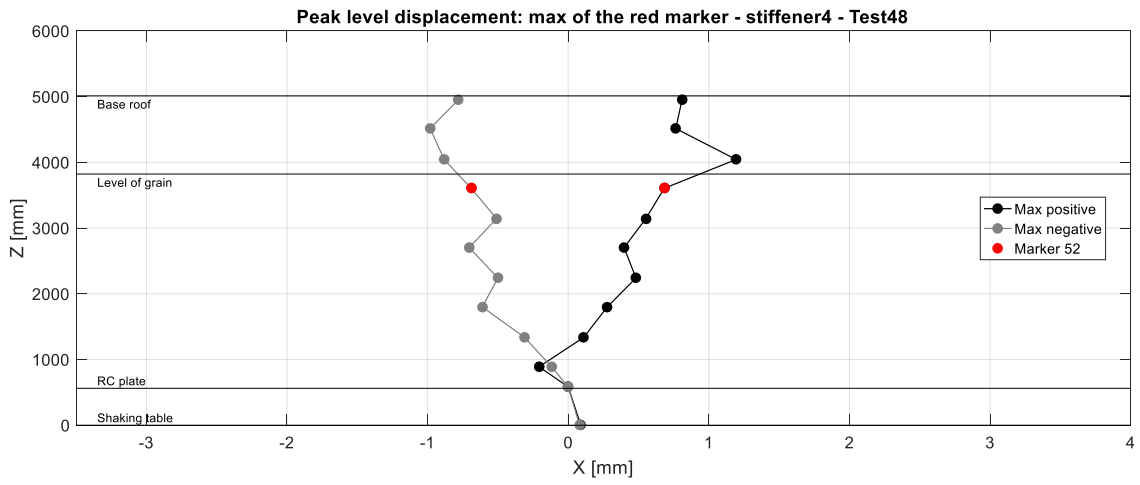
Montante 2



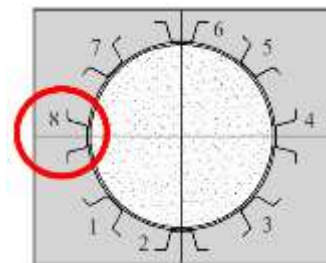
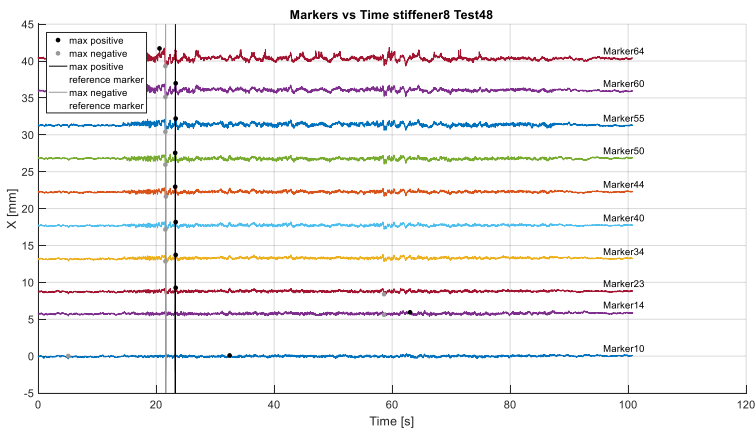
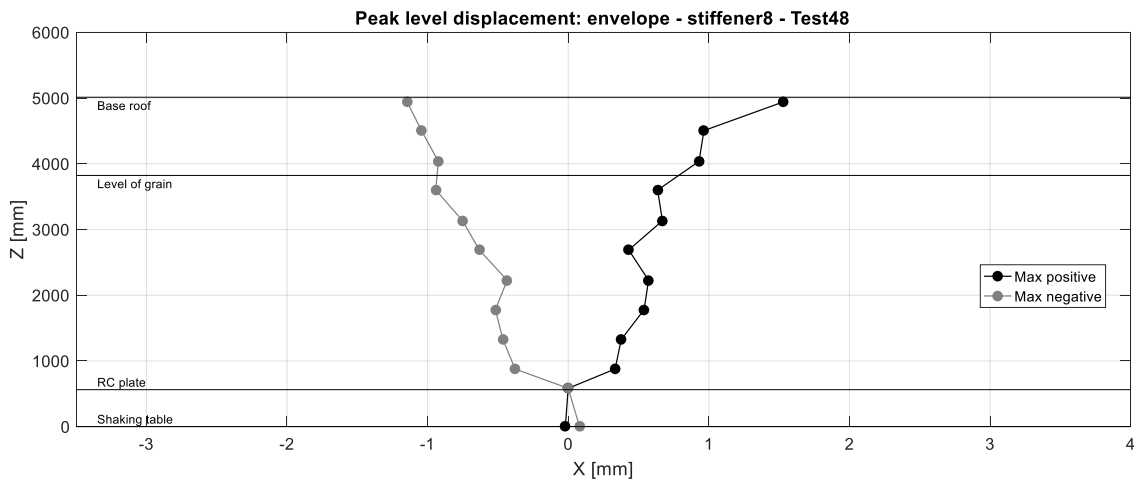
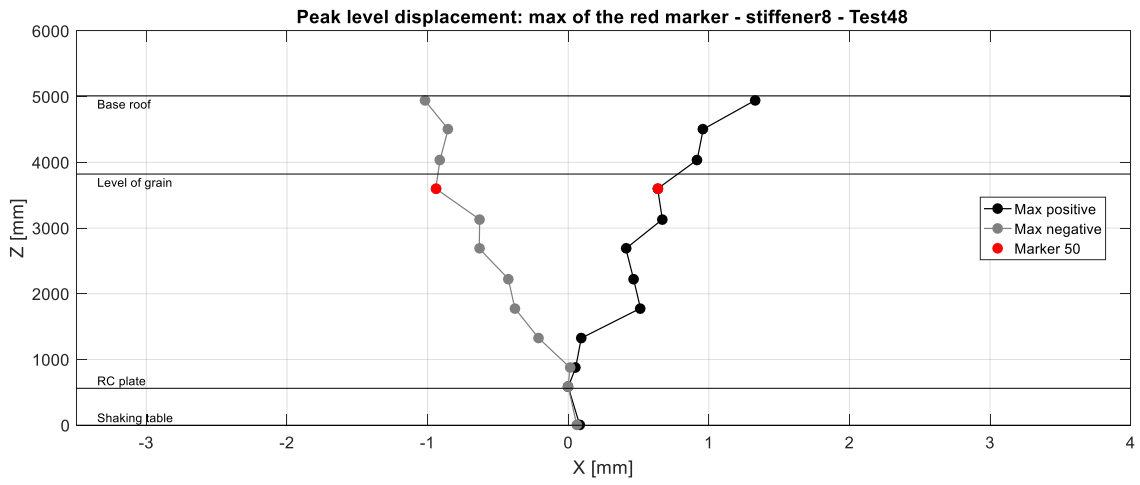
Montante 3



Montante 4

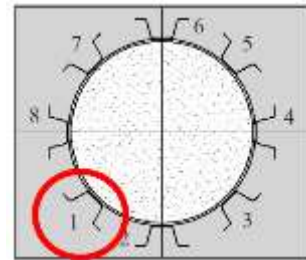
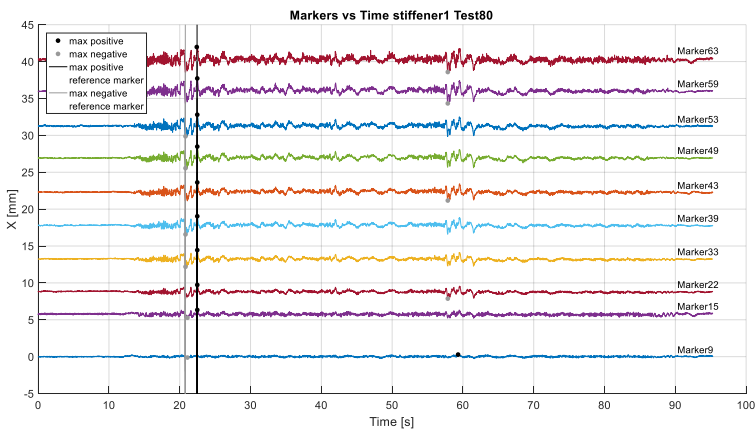
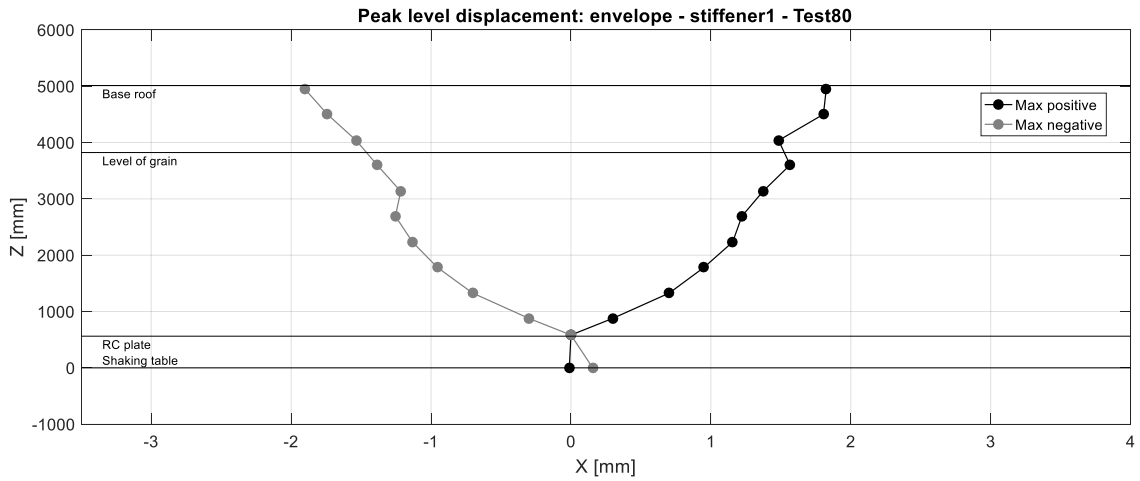
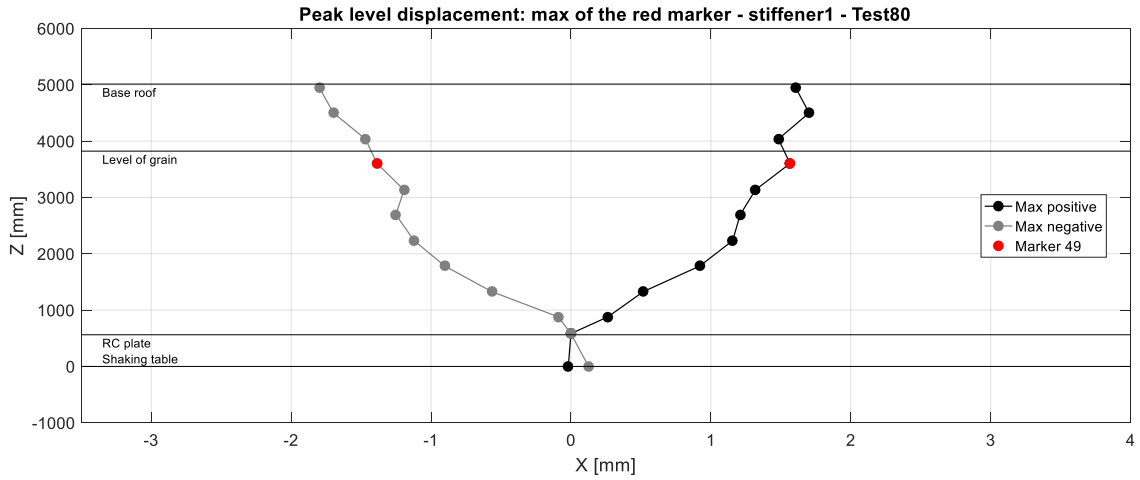


Montante 8

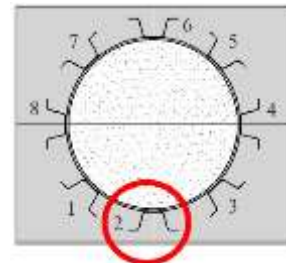
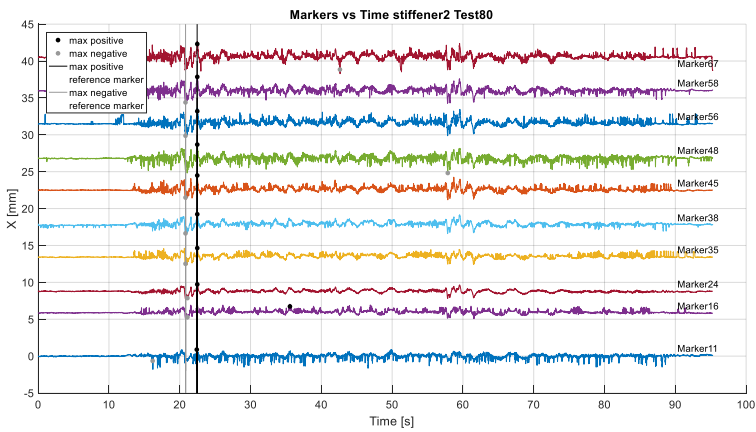
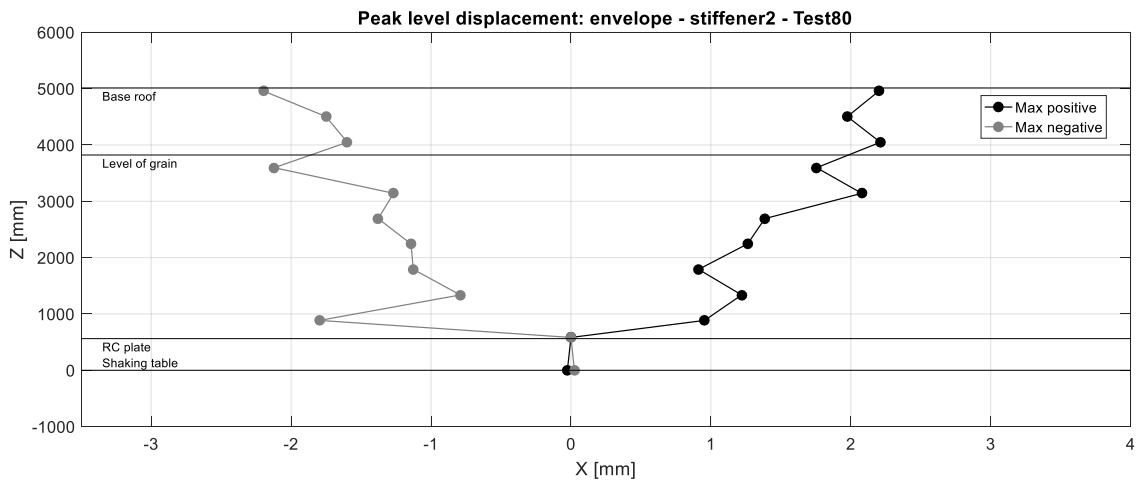
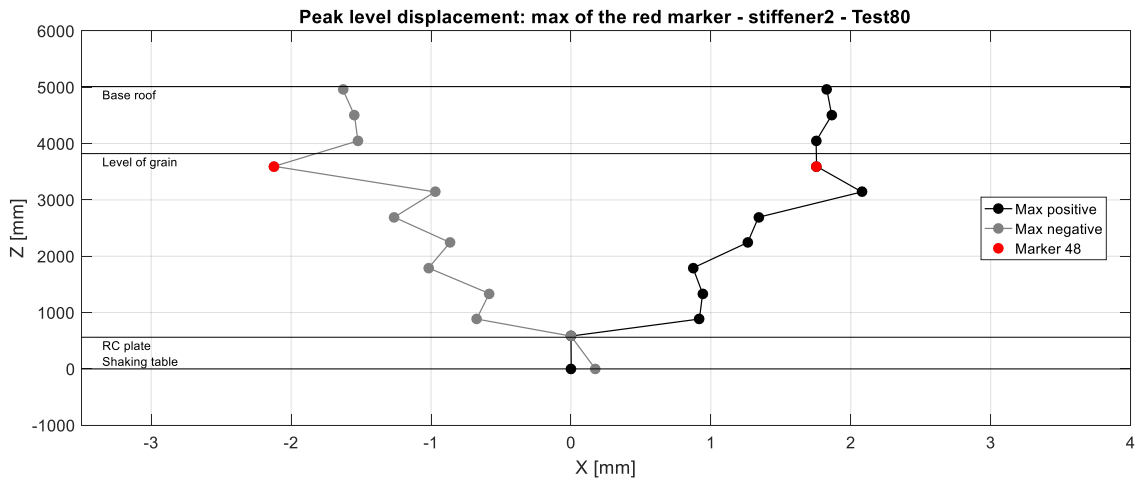


Earthquake input RS1 0.5 g: Test 80

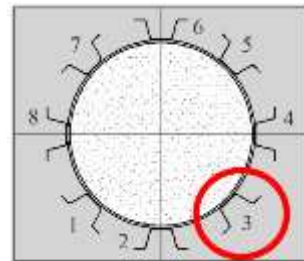
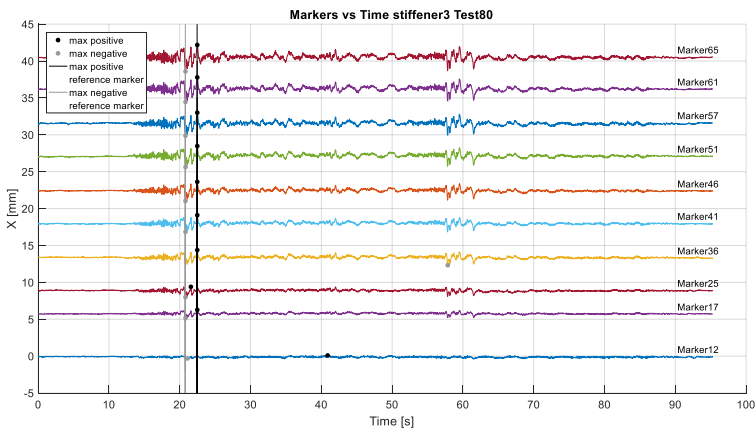
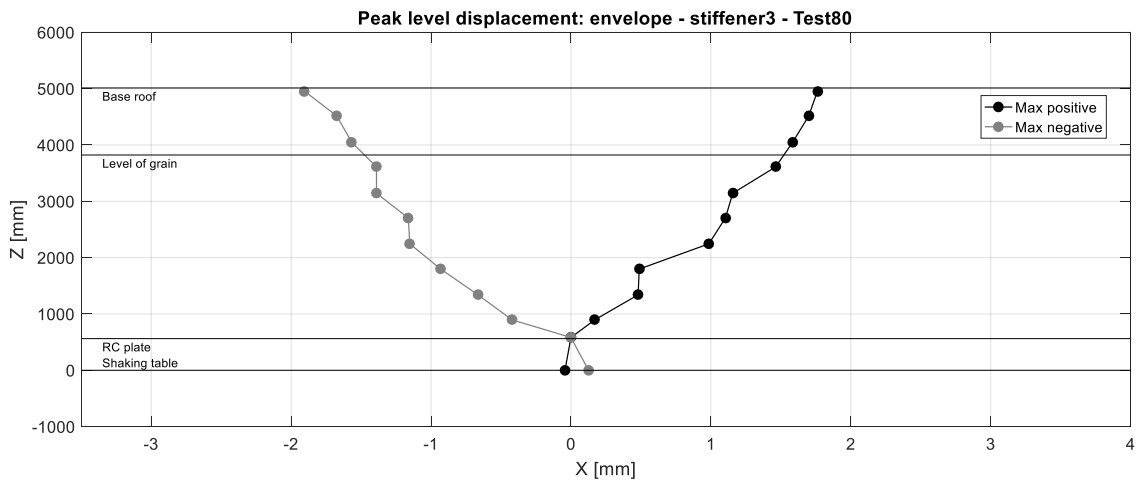
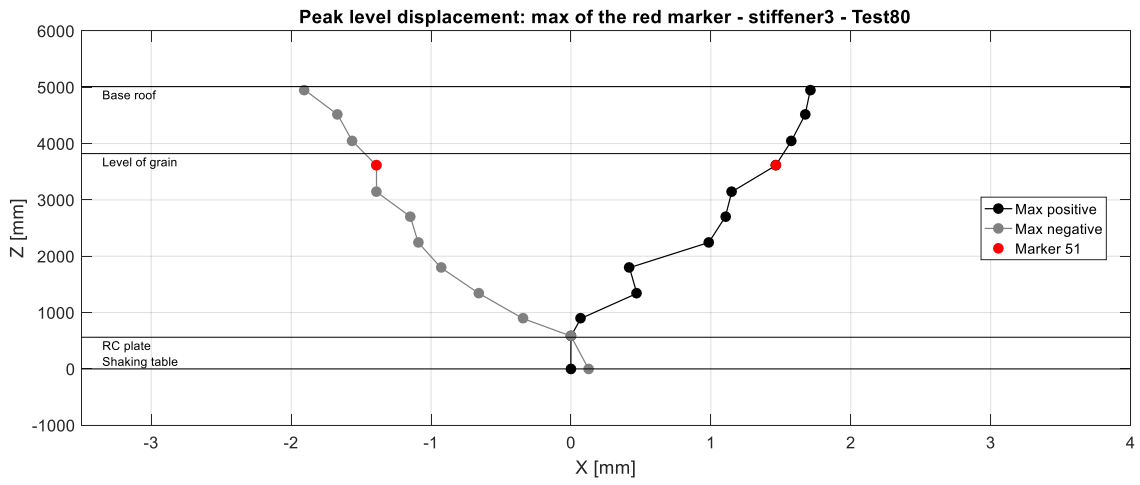
Montante 1



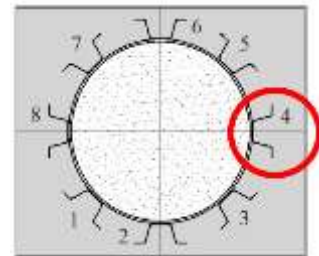
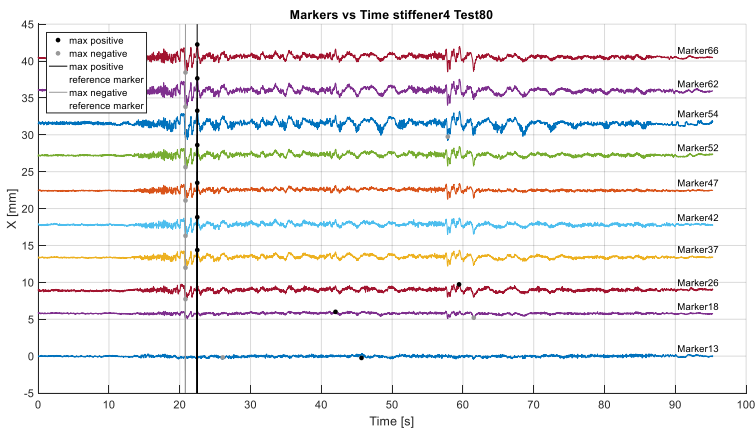
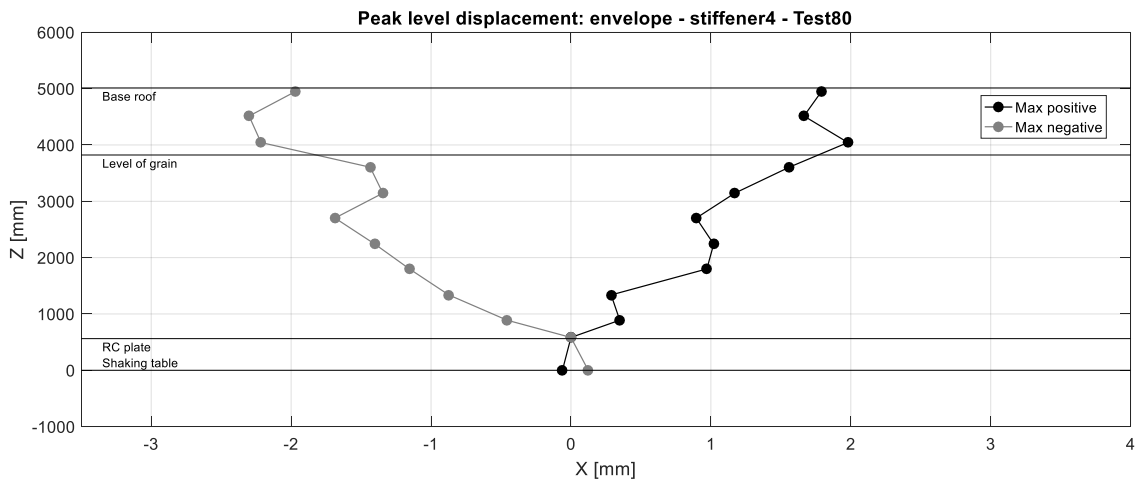
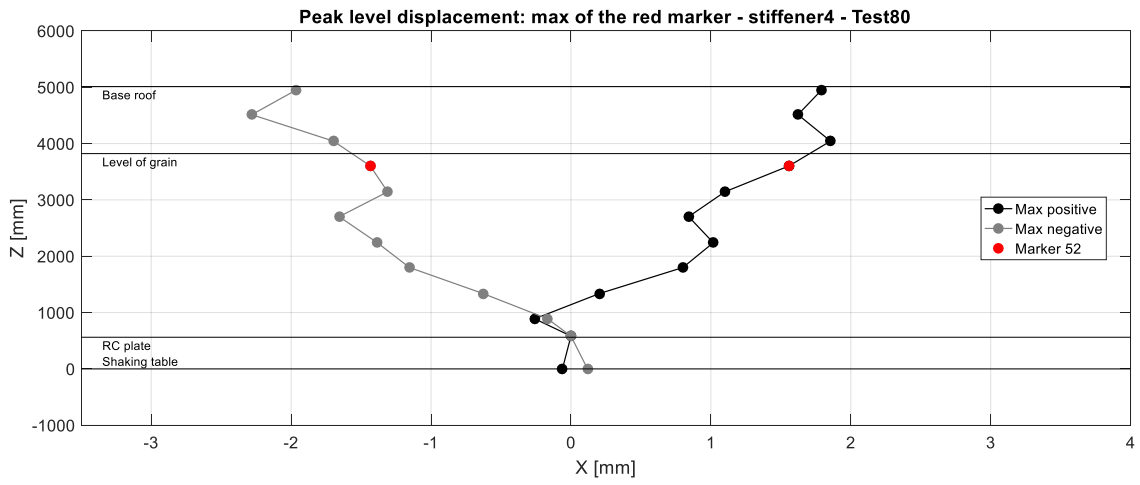
Montante 2



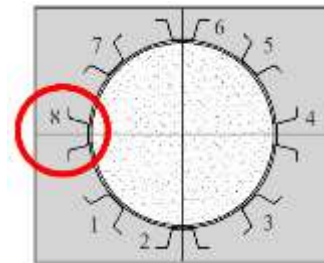
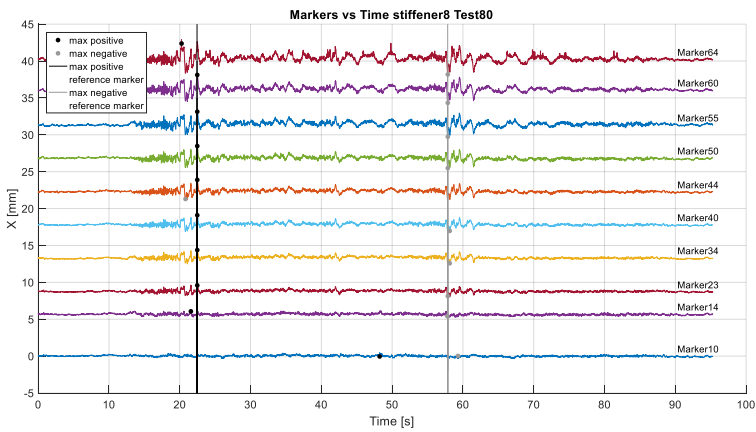
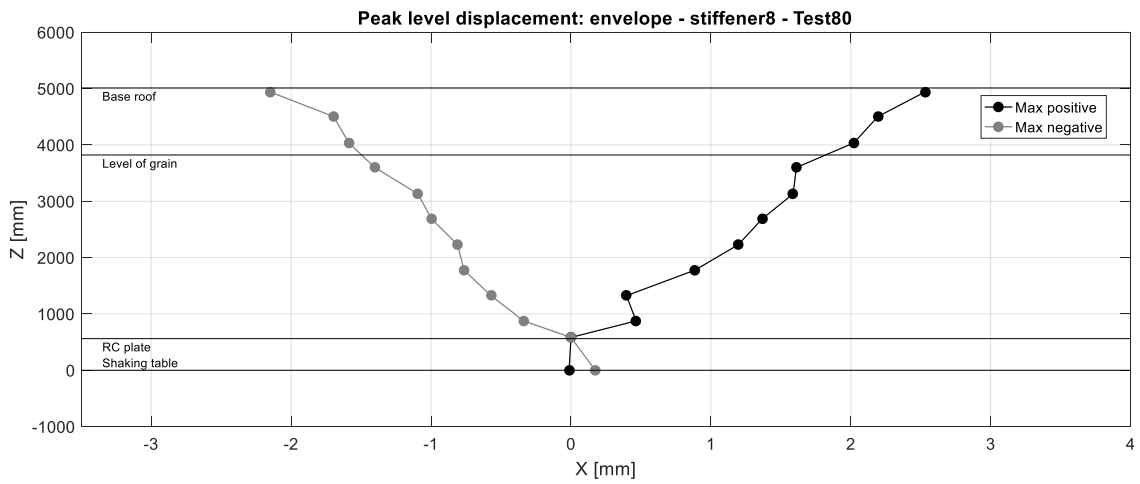
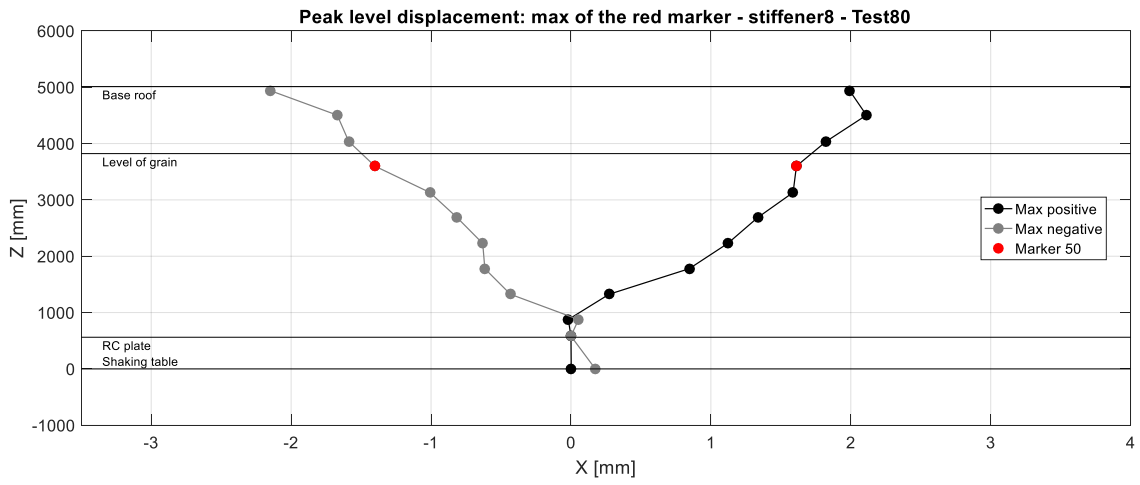
Montante 3



Montante 4

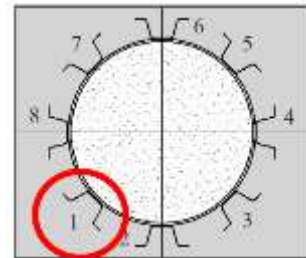
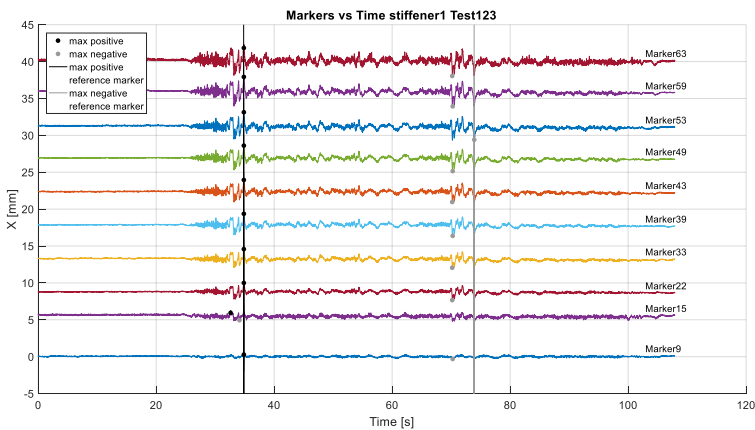
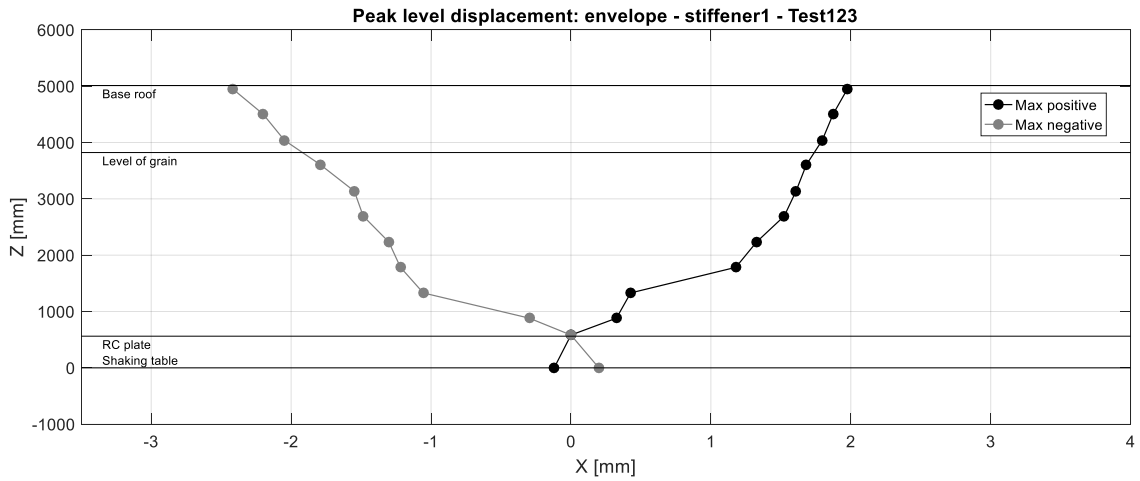
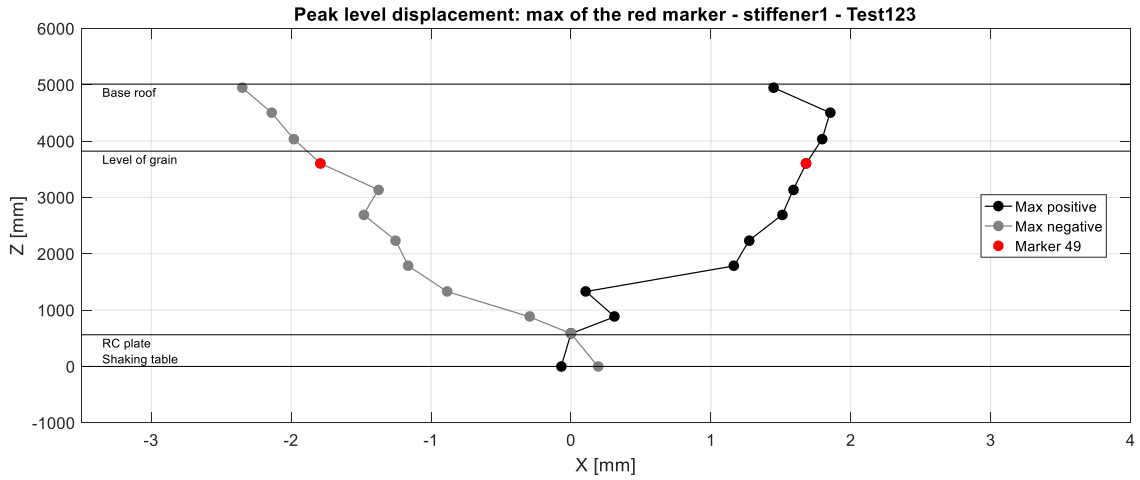


Montante 8

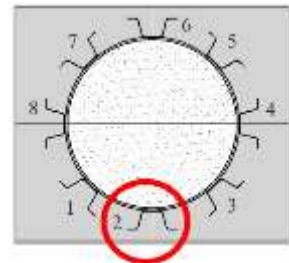
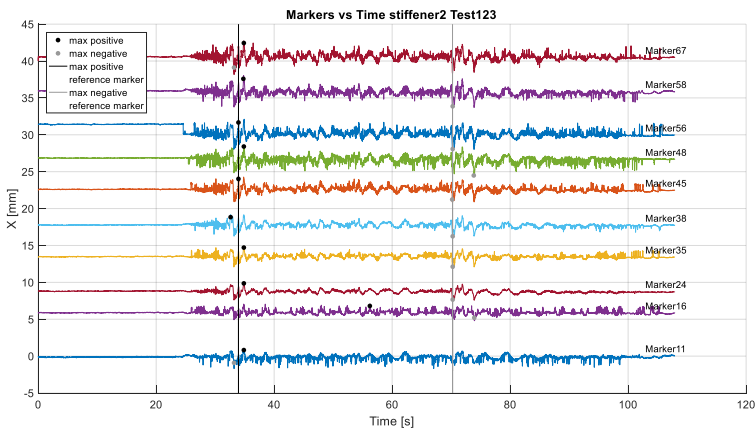
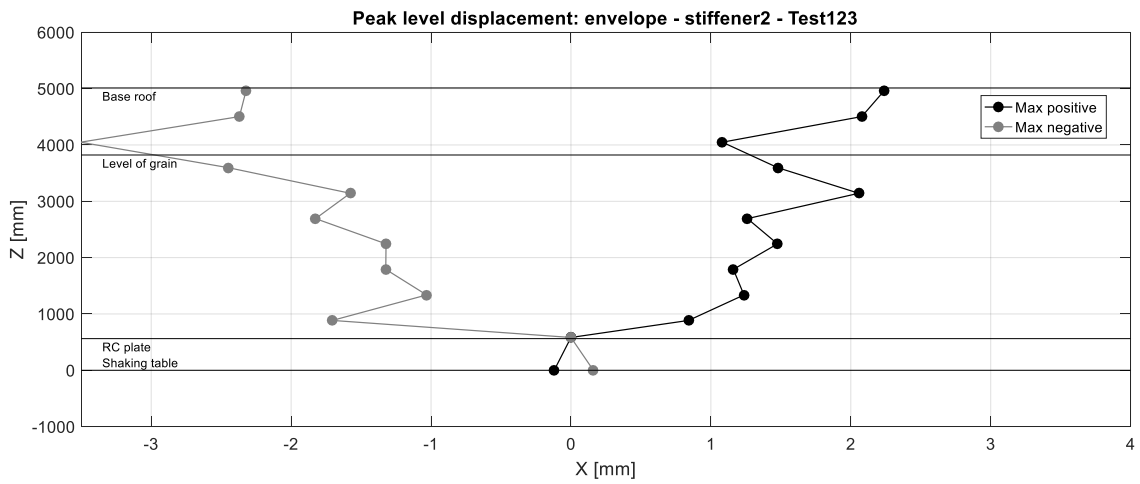
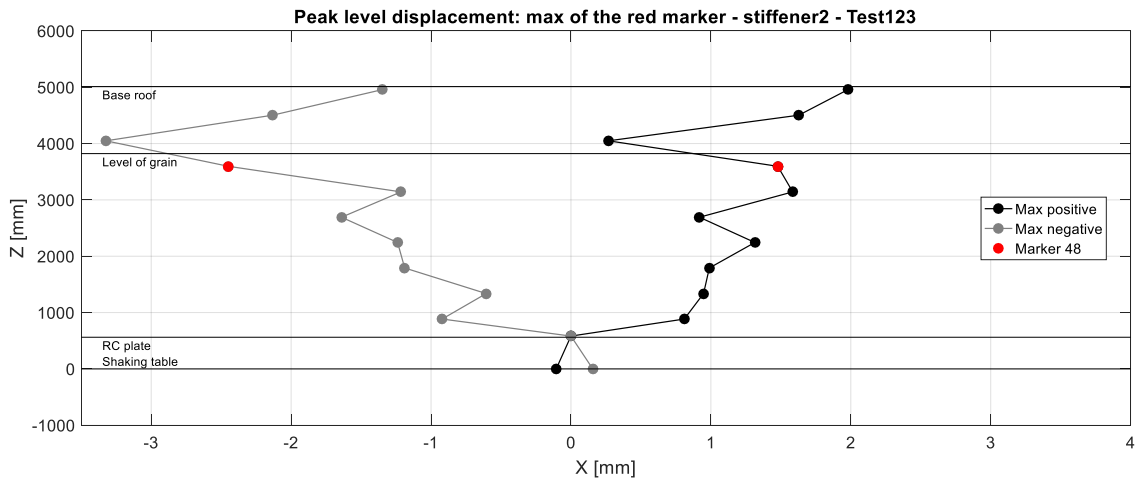


Earthquake input RS1 0.6 g: Test 123

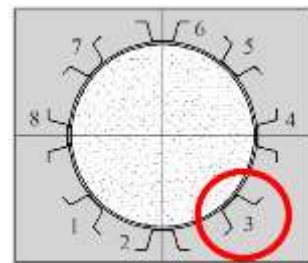
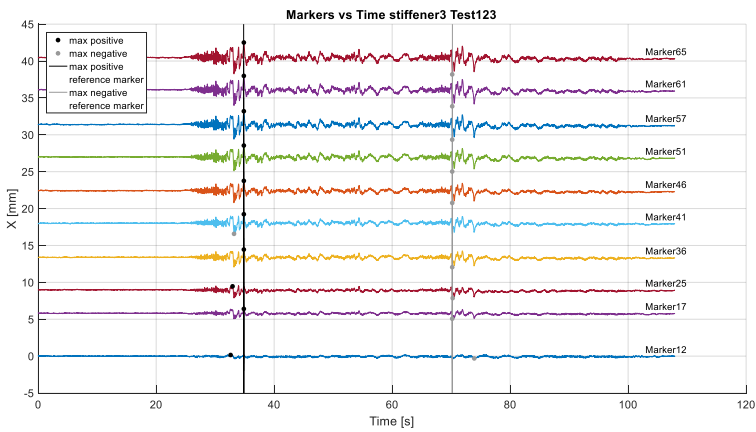
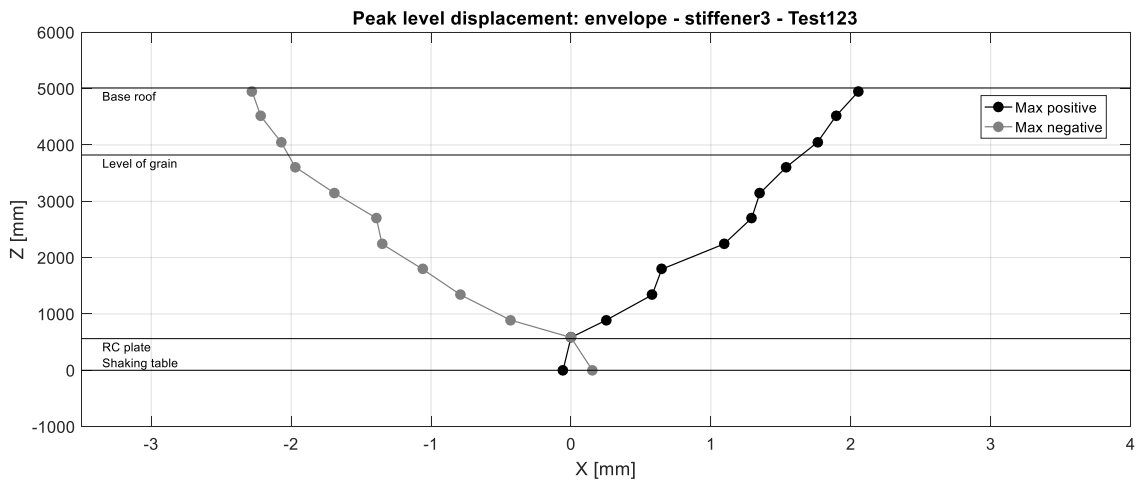
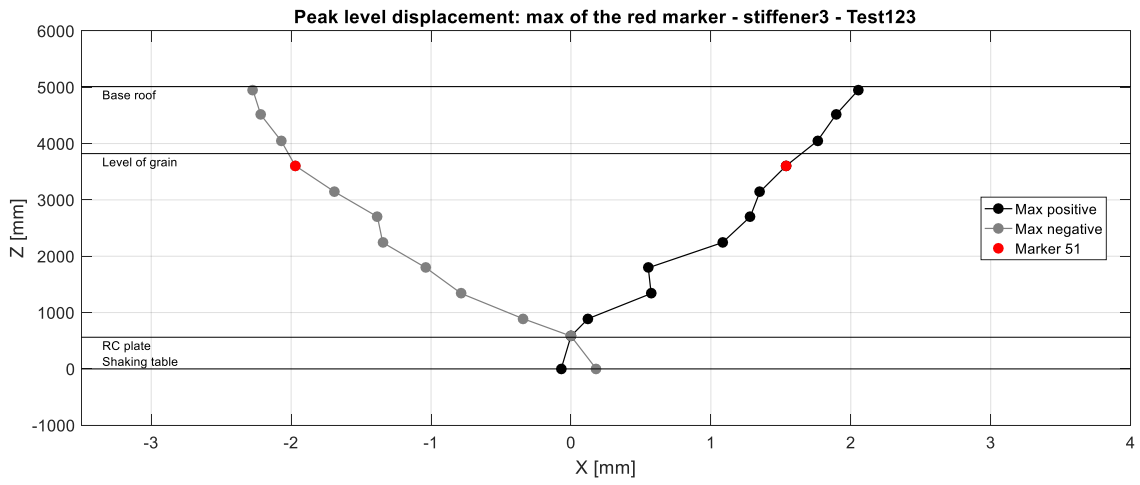
Montante 1



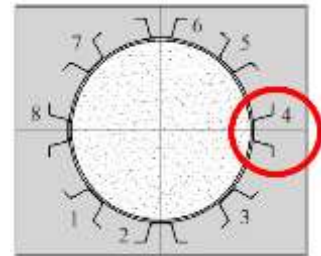
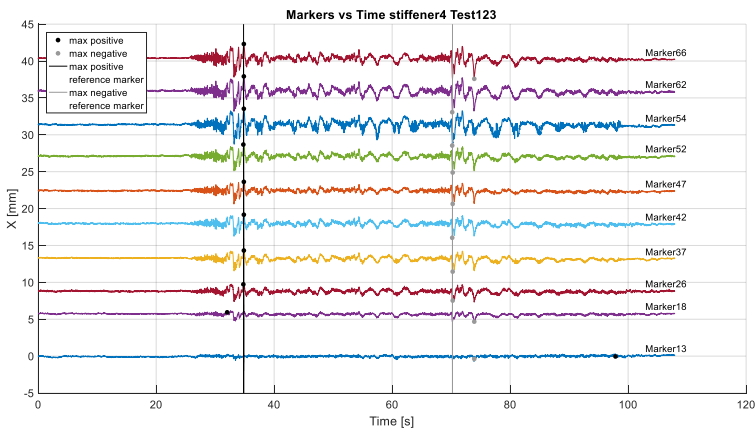
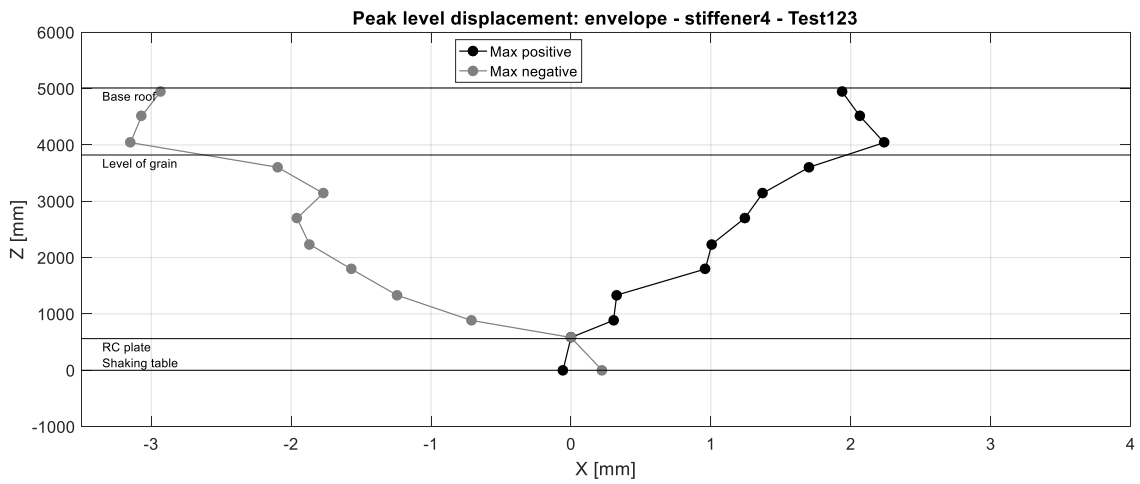
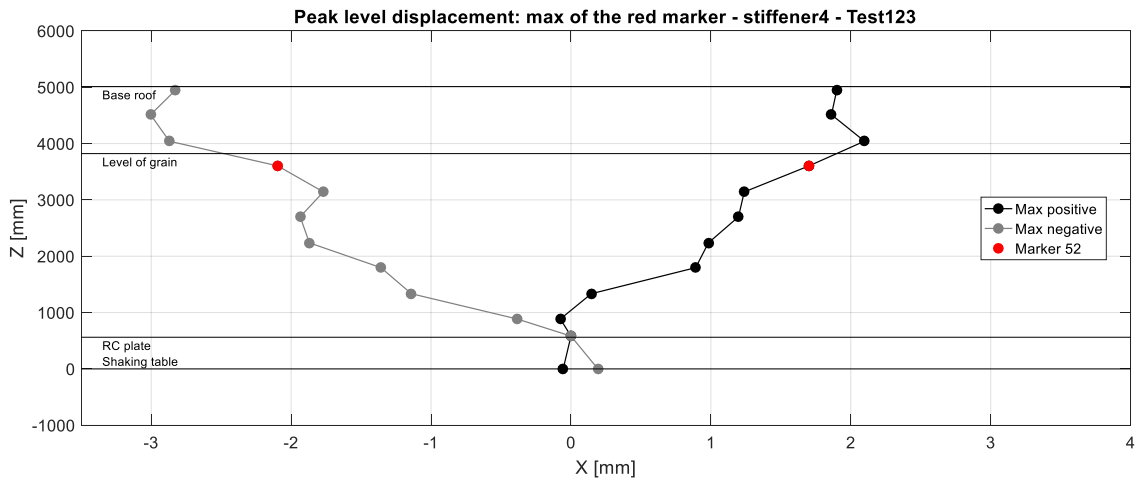
Montante 2



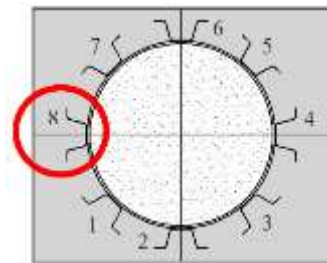
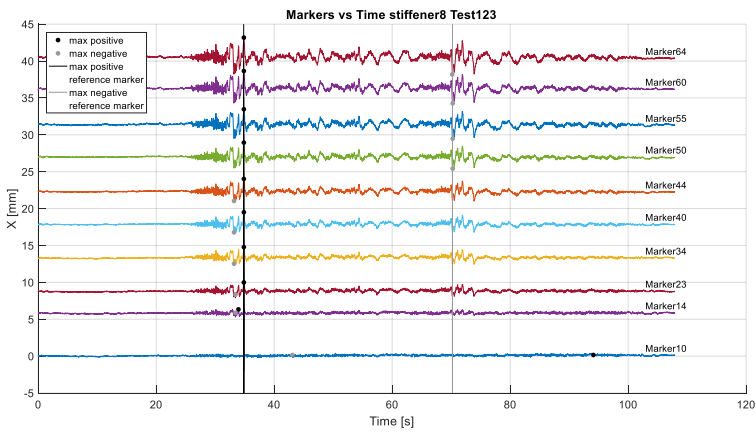
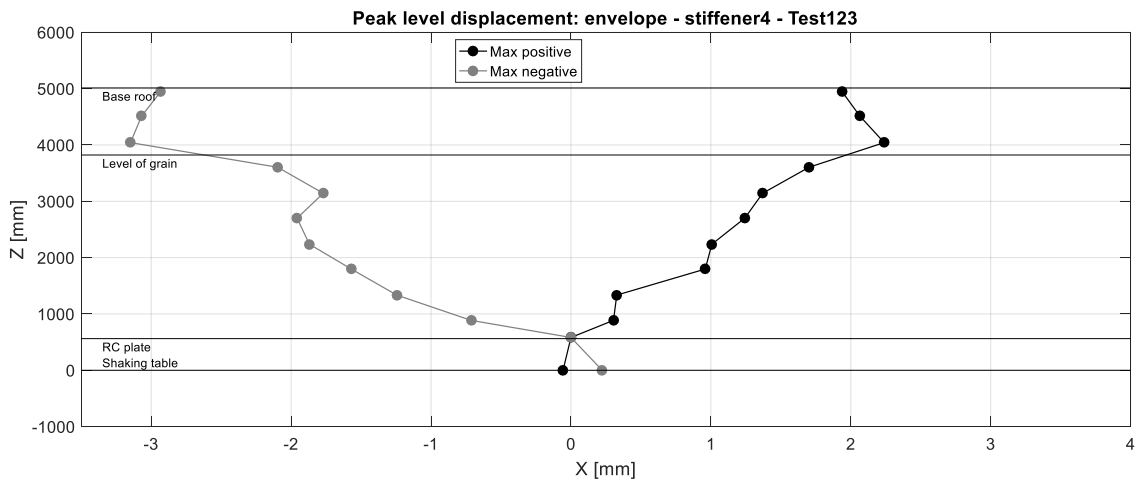
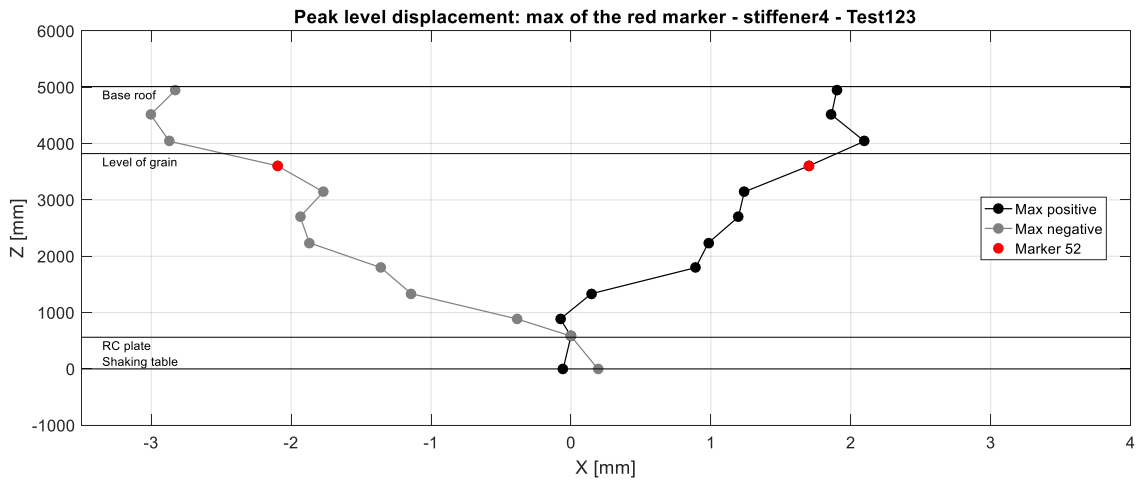
Montante 3



Montante 4

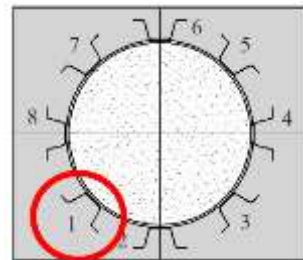
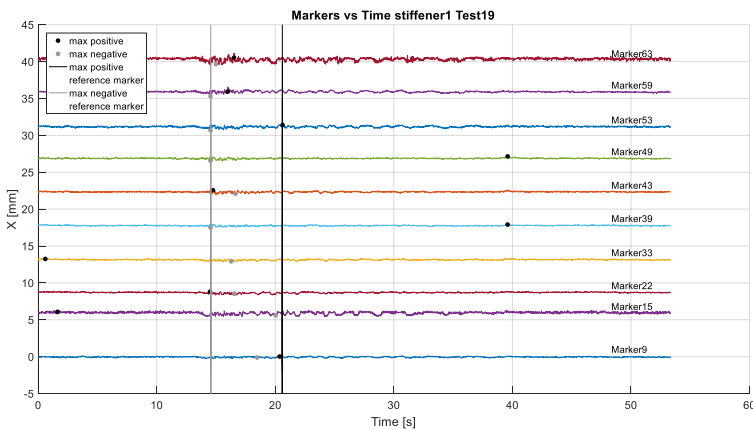
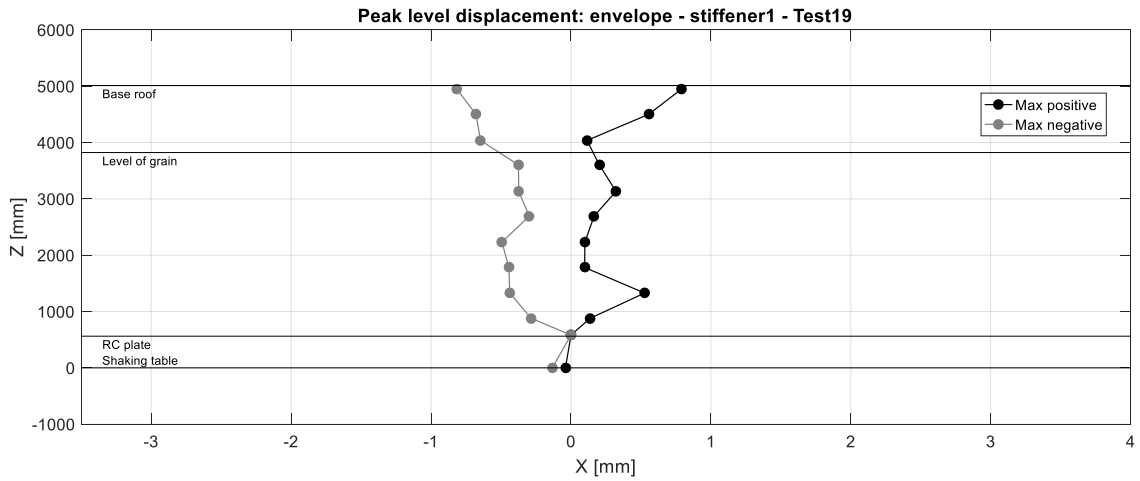
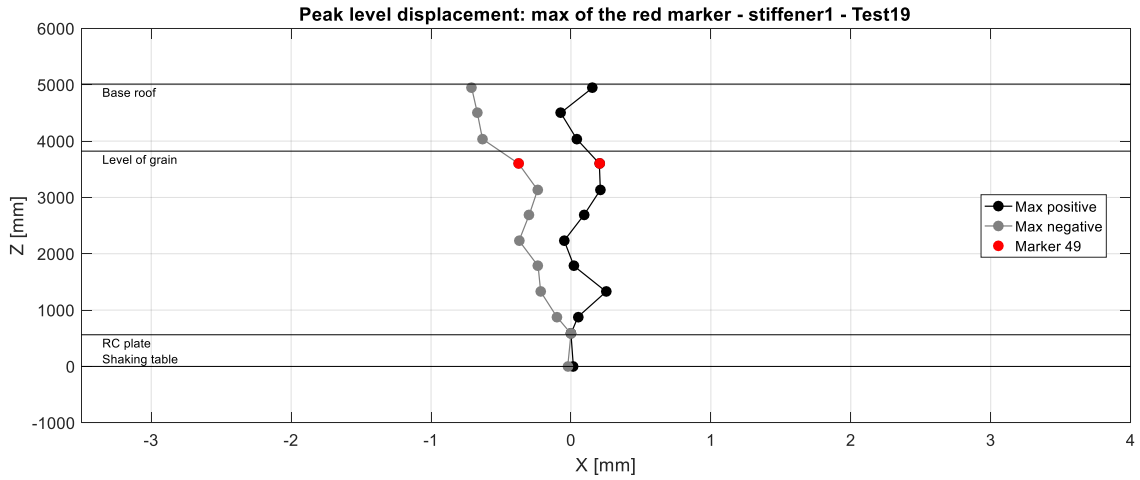


Montante 8

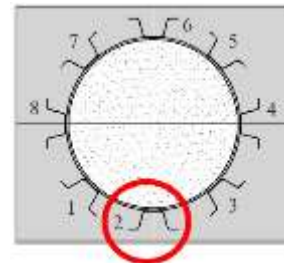
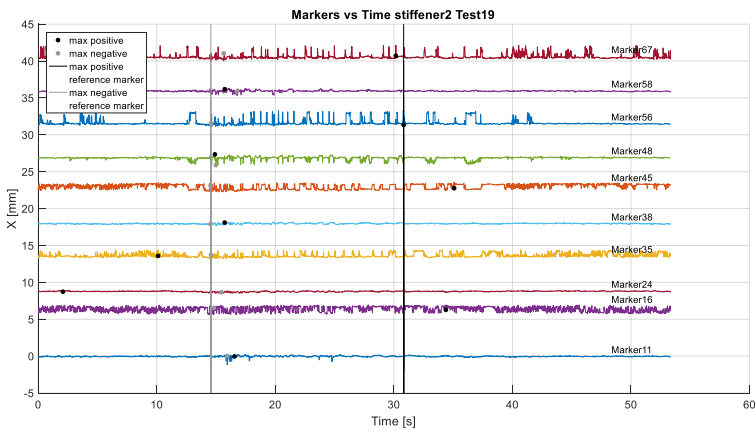
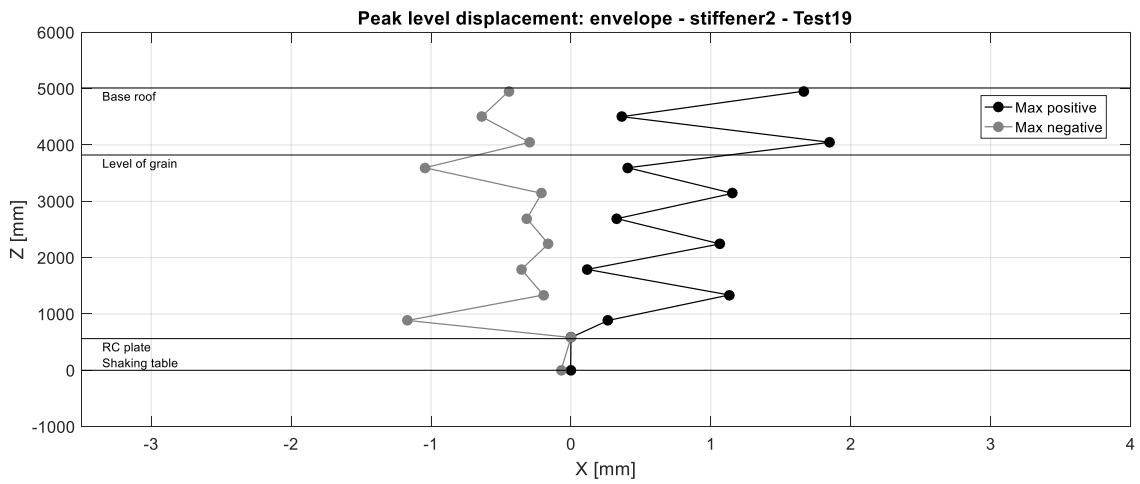
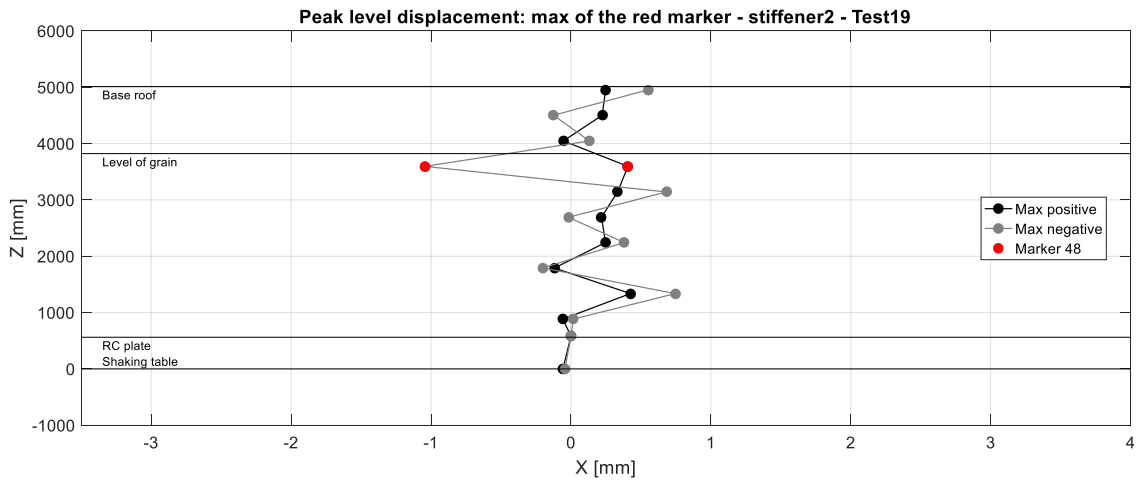


Earthquake input RS3 0.1 g: Test 19

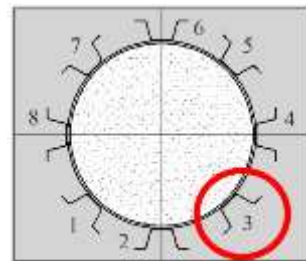
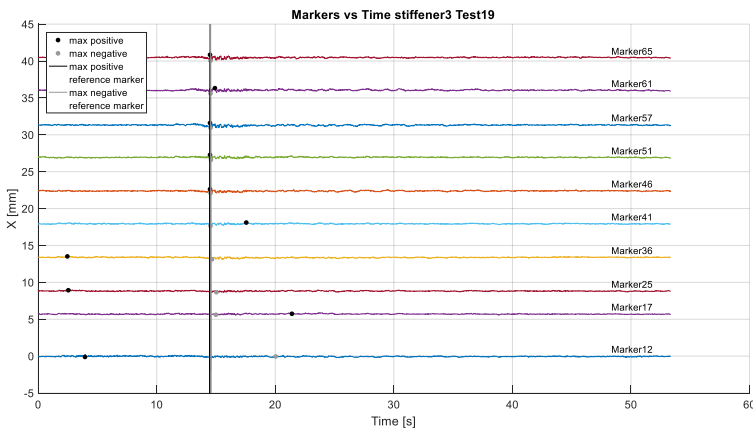
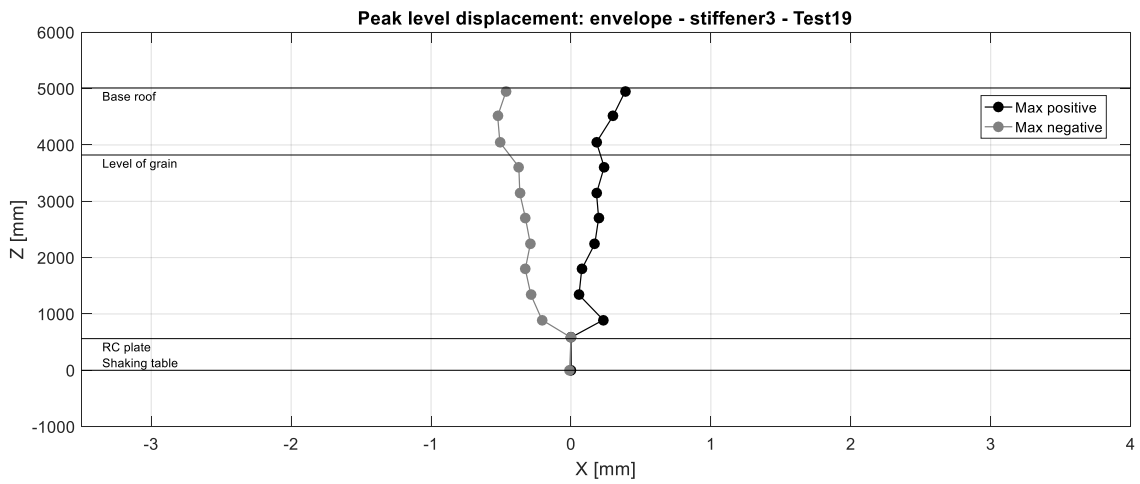
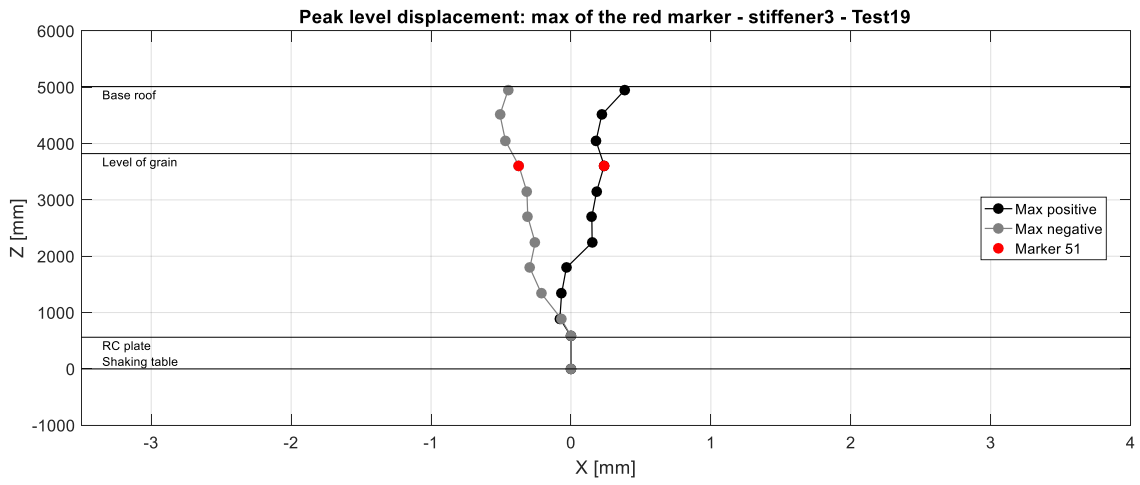
Montante 1



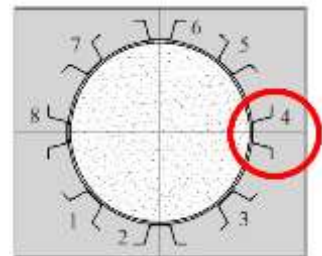
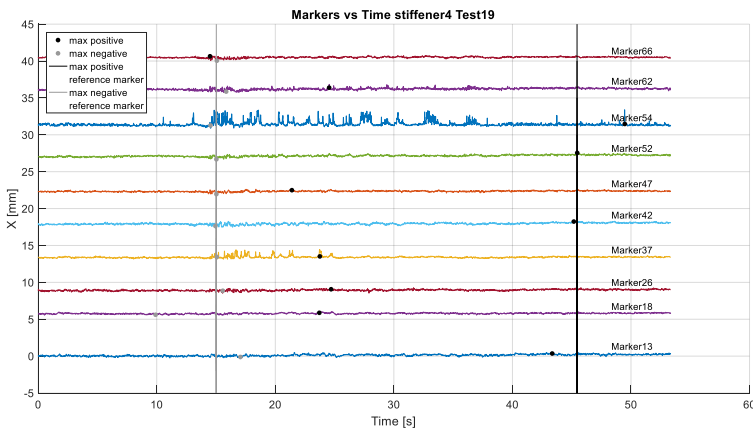
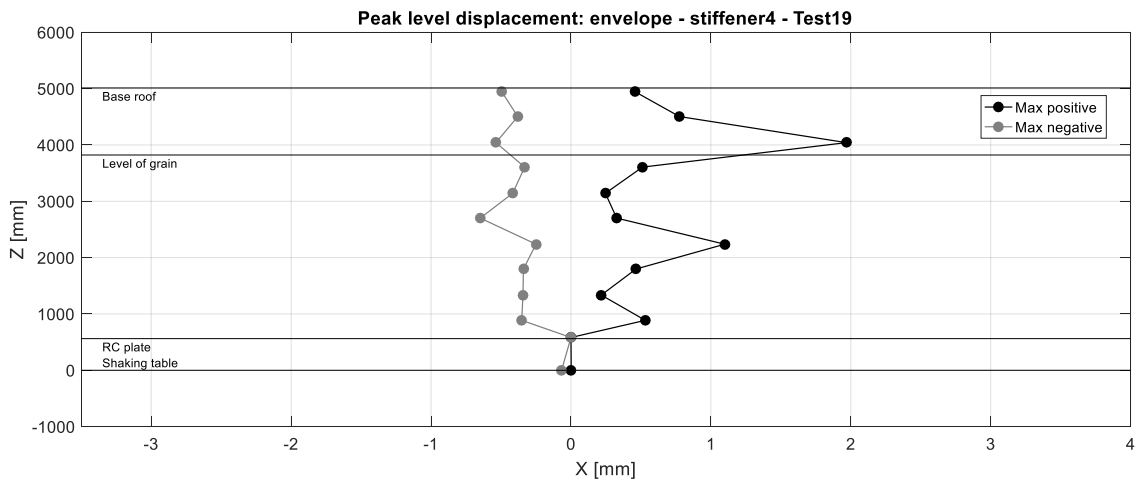
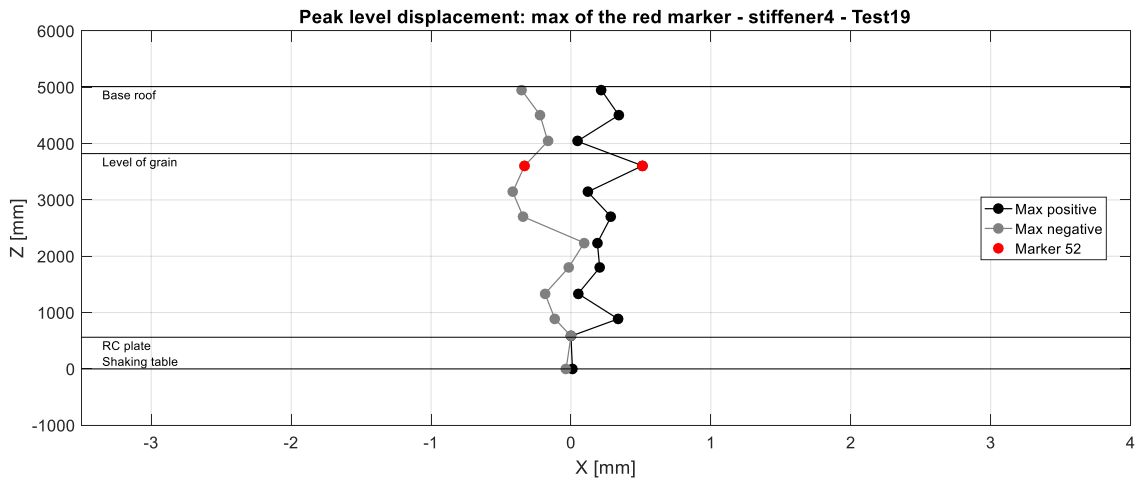
Montante 2



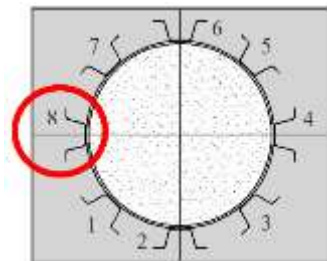
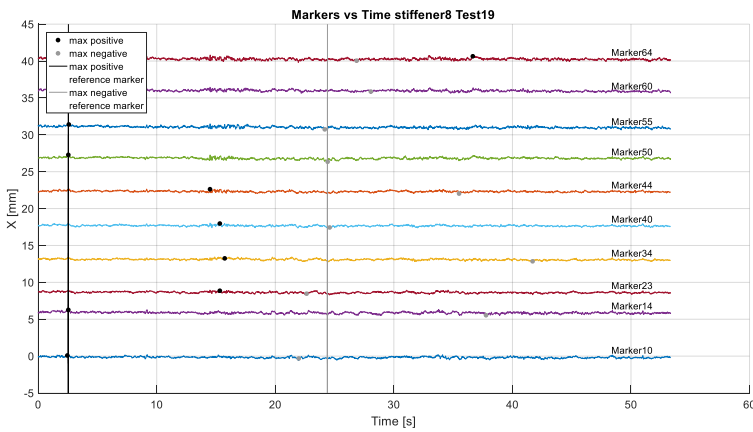
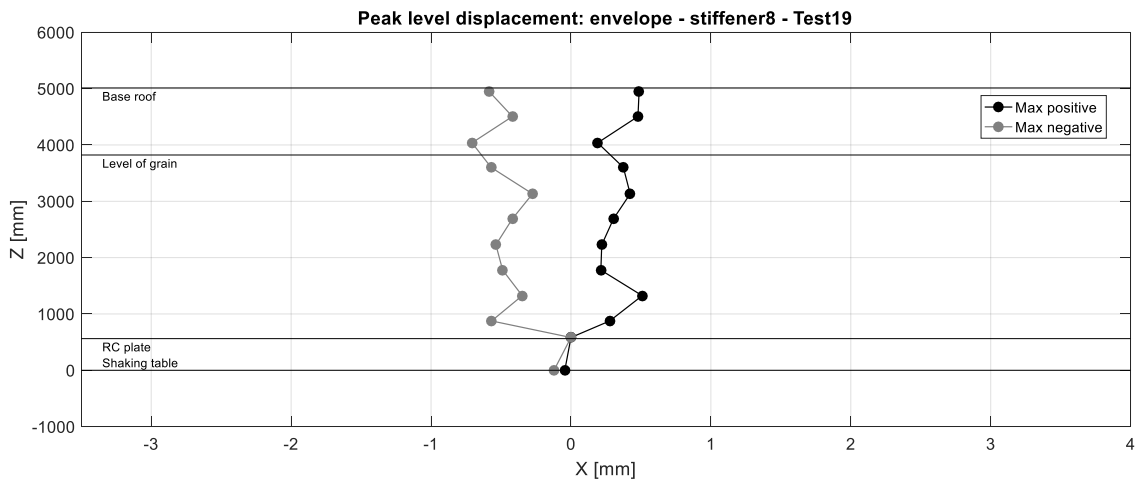
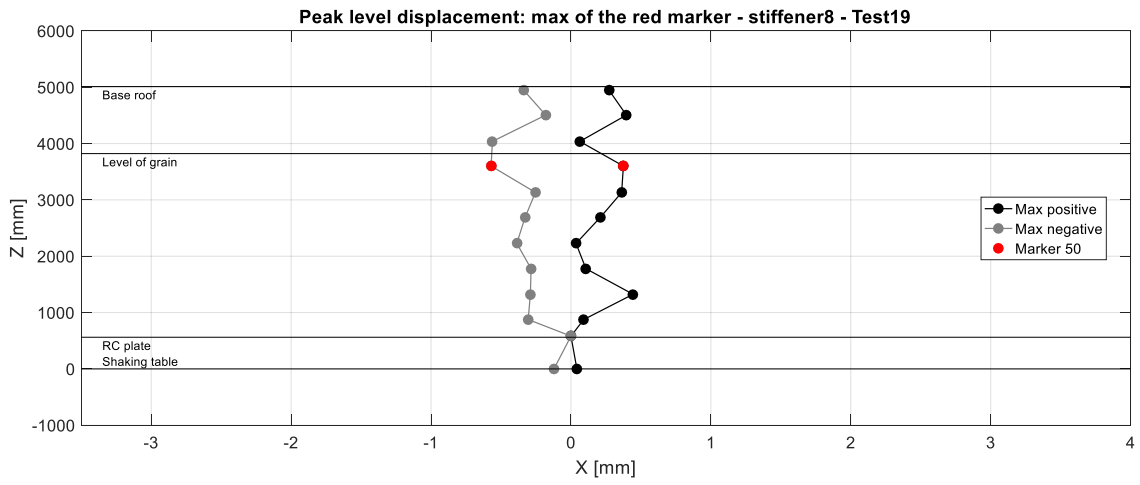
Montante 3



Montante 4

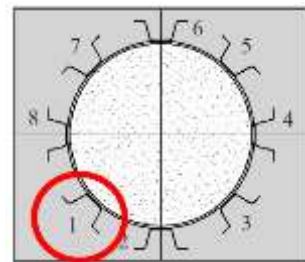
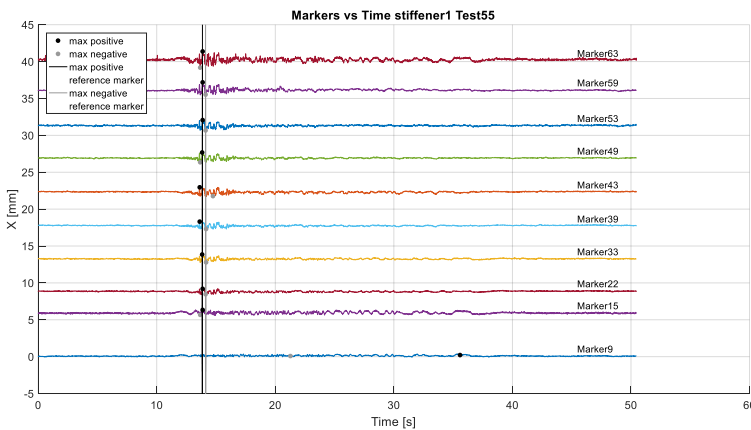
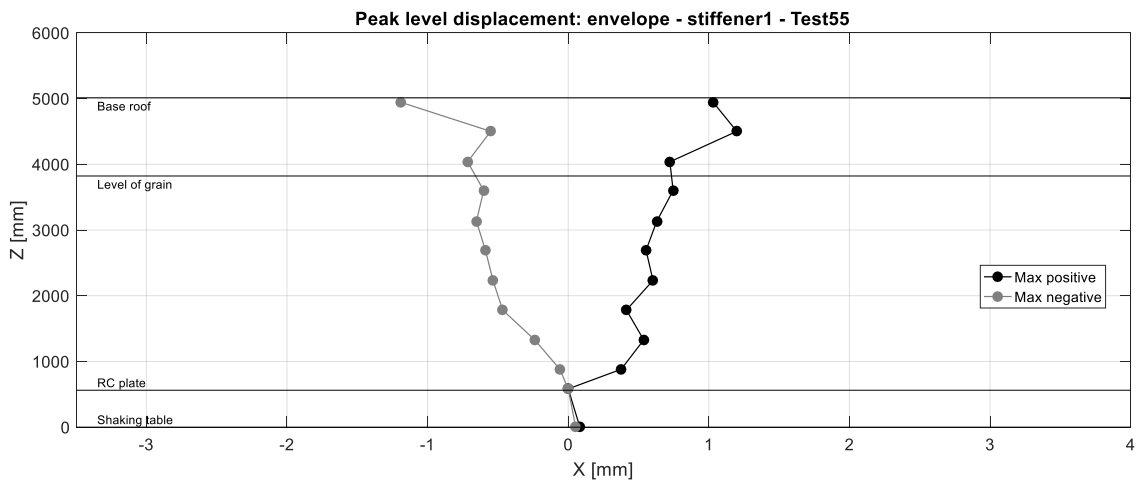
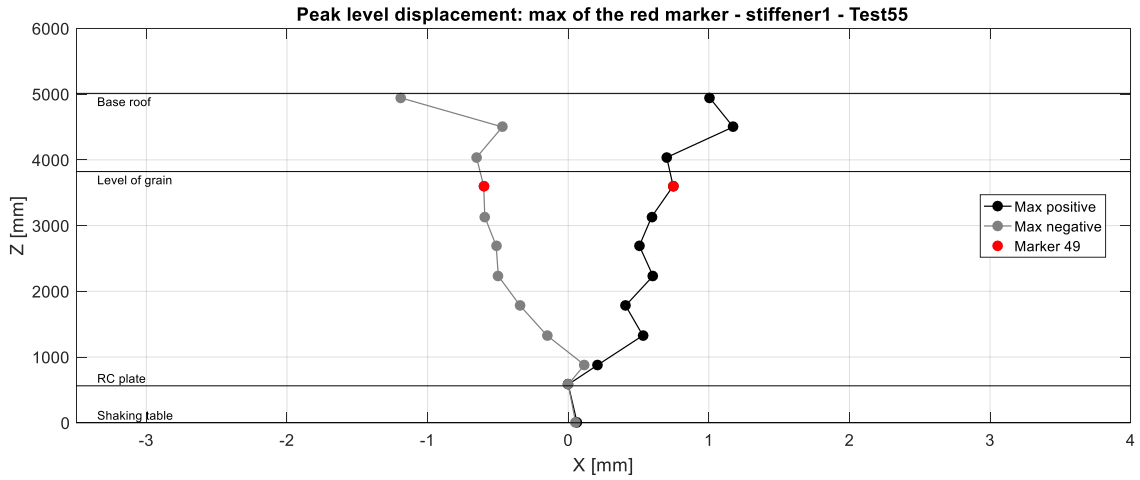


Montante 8

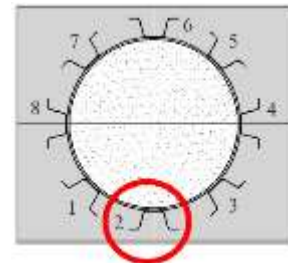
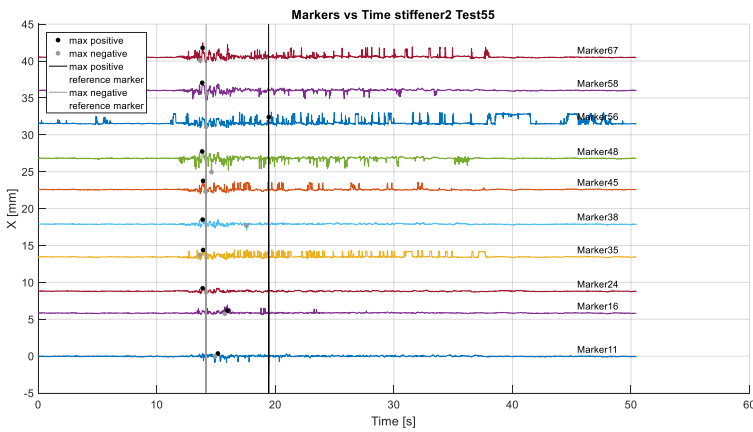
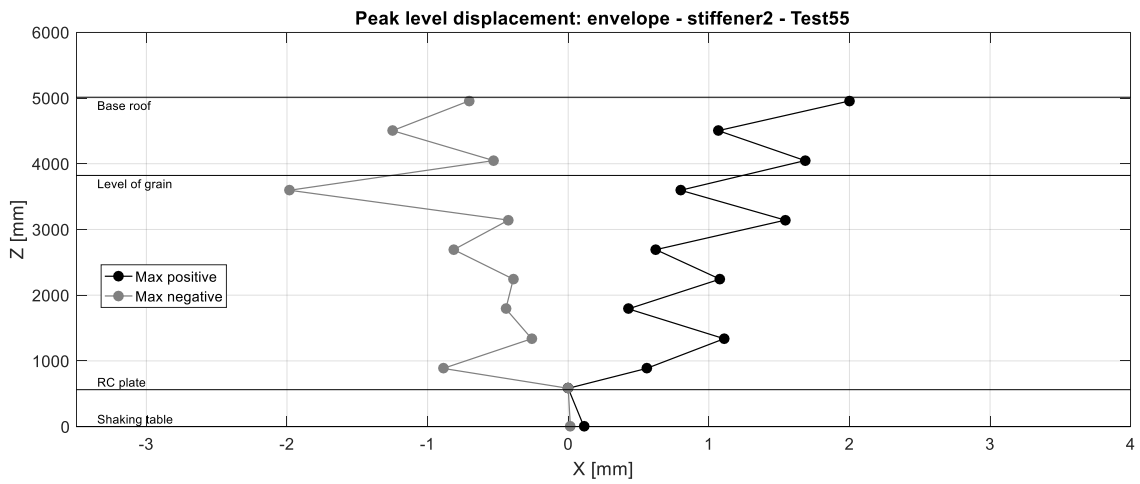
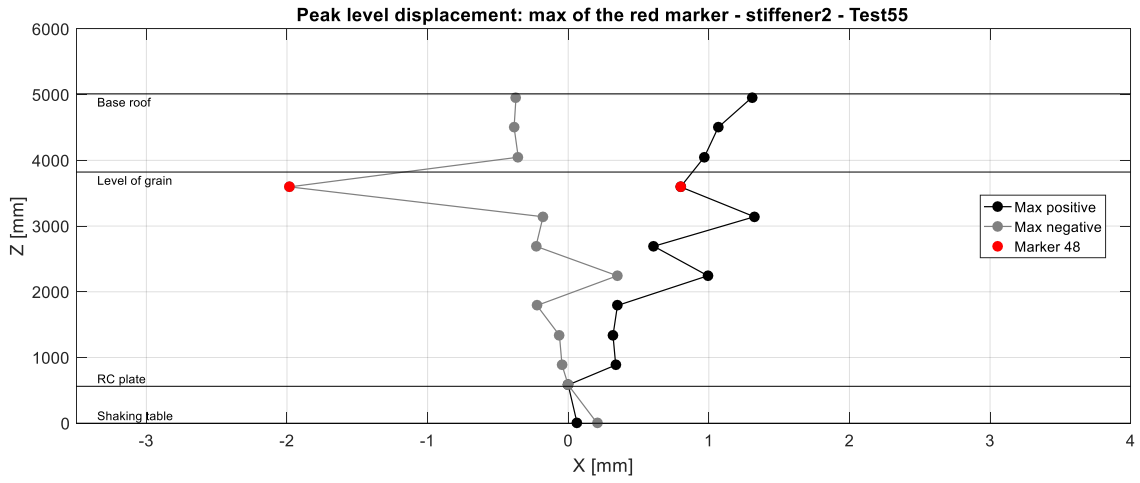


Earthquake input RS3 0.3 g: Test 55

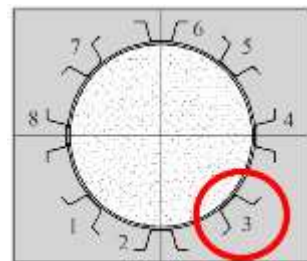
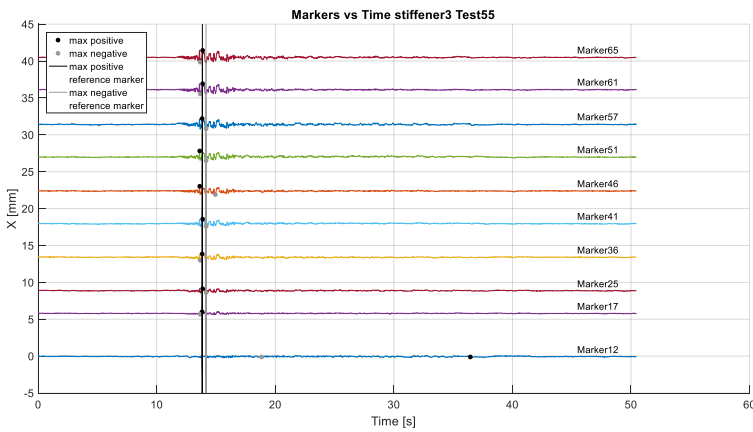
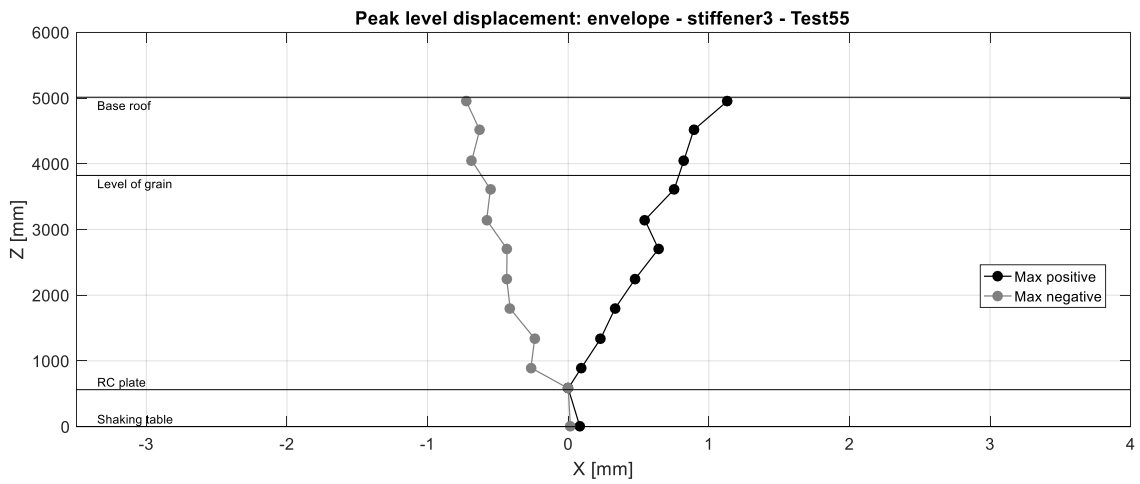
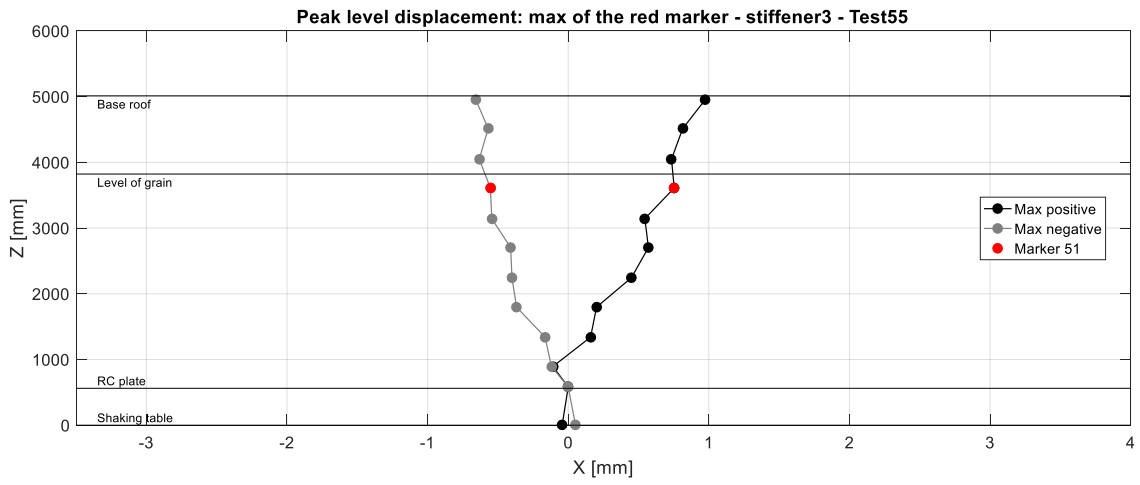
Montante 1



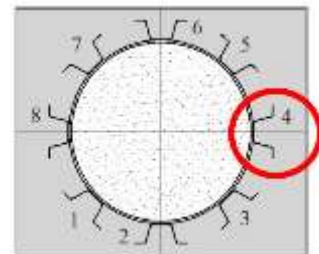
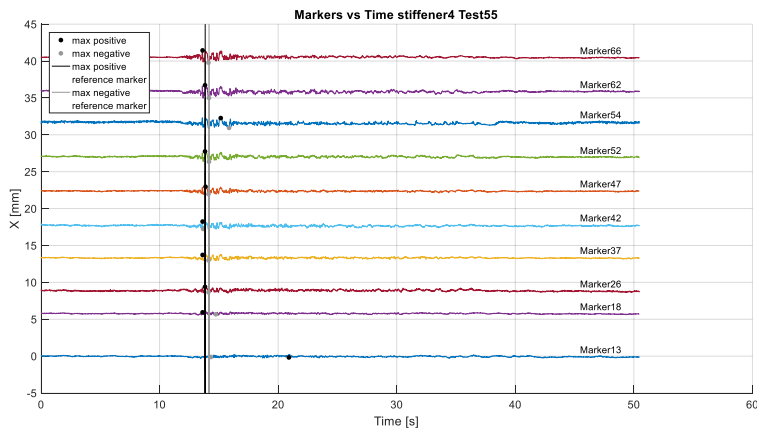
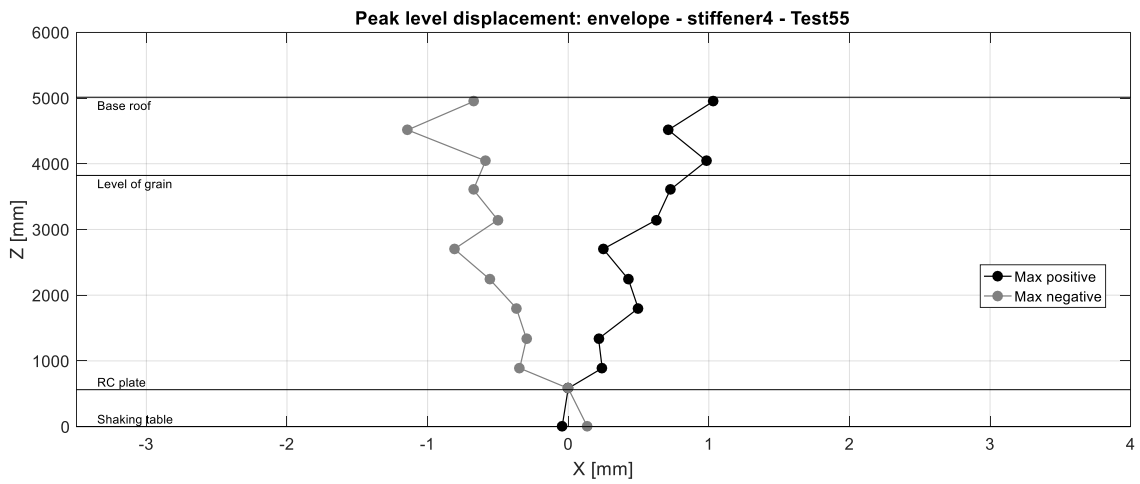
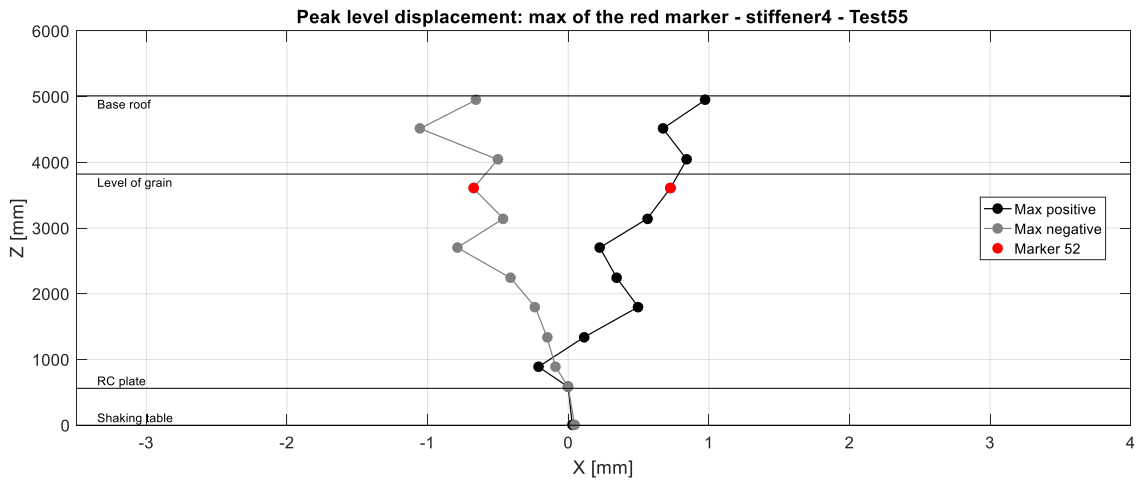
Montante 2



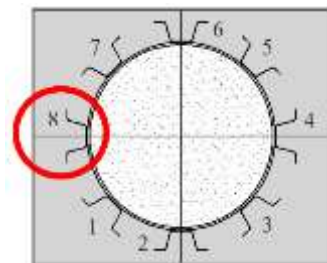
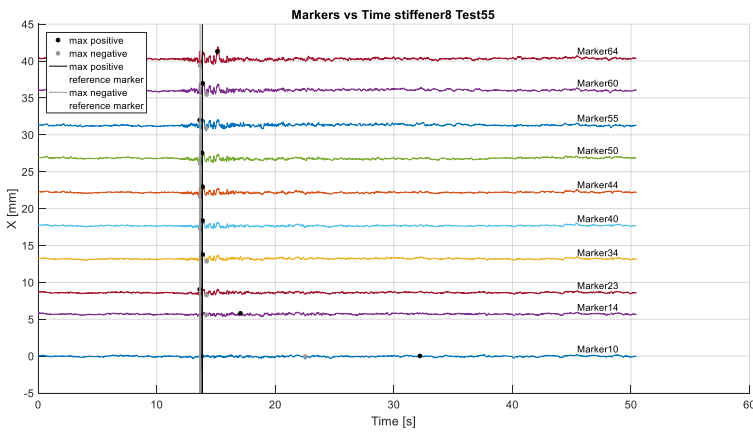
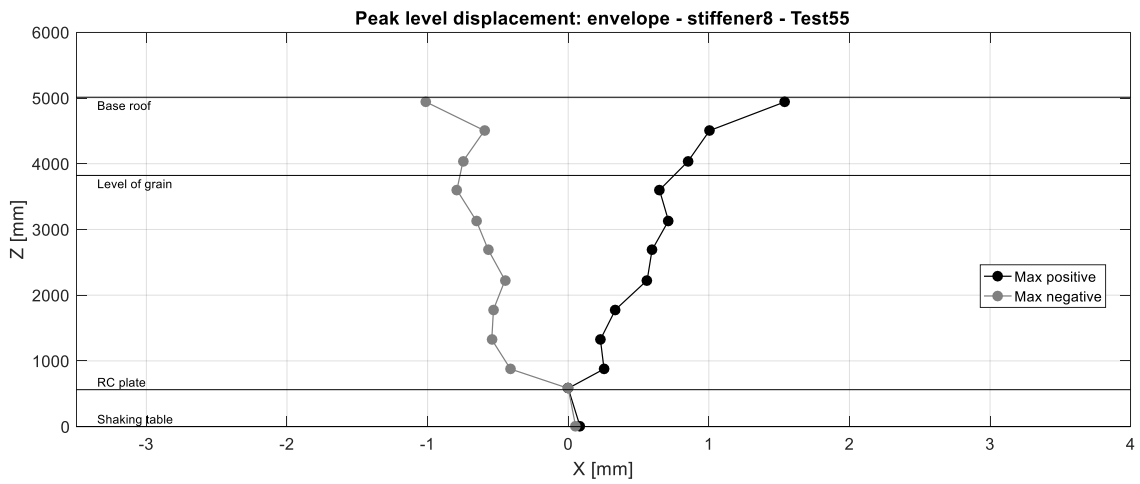
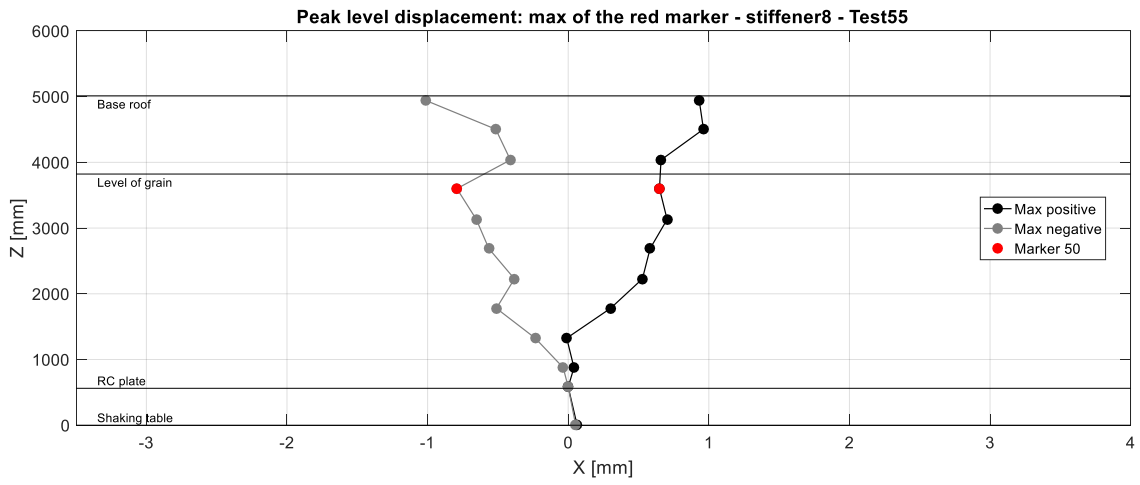
Montante 3



Montante 4

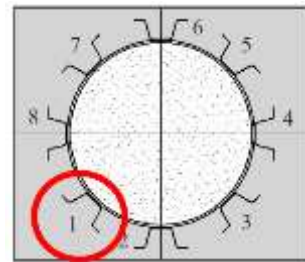
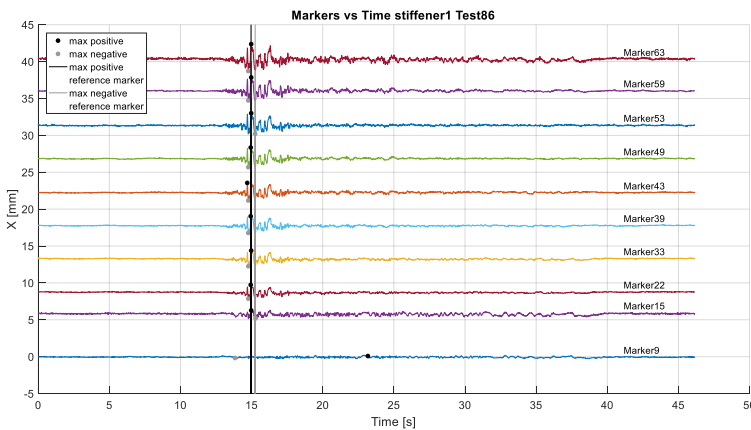
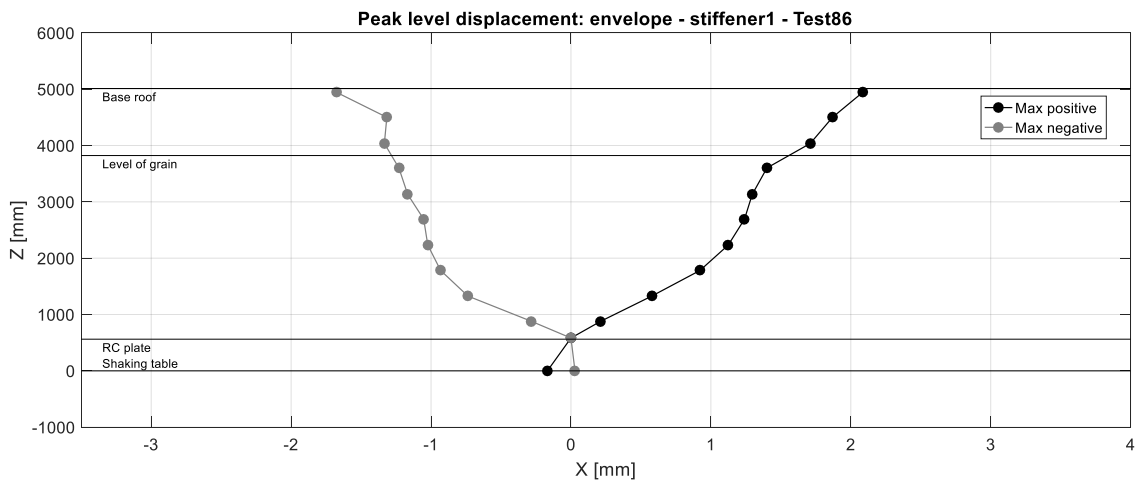
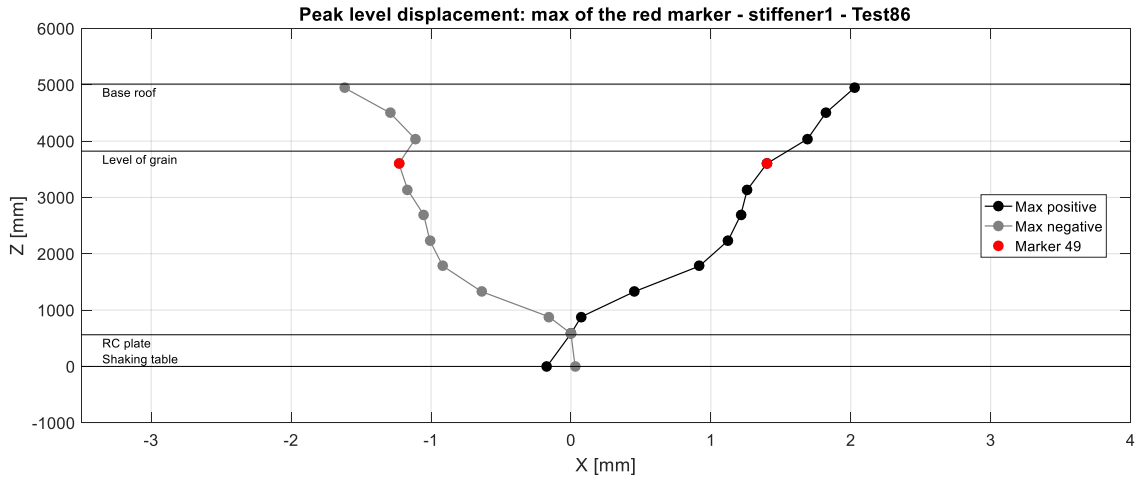


Montante 8

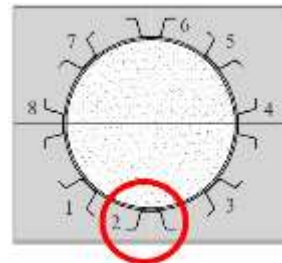
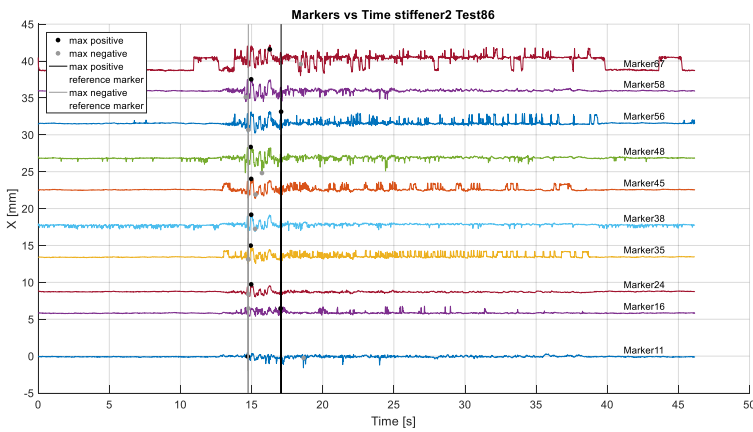
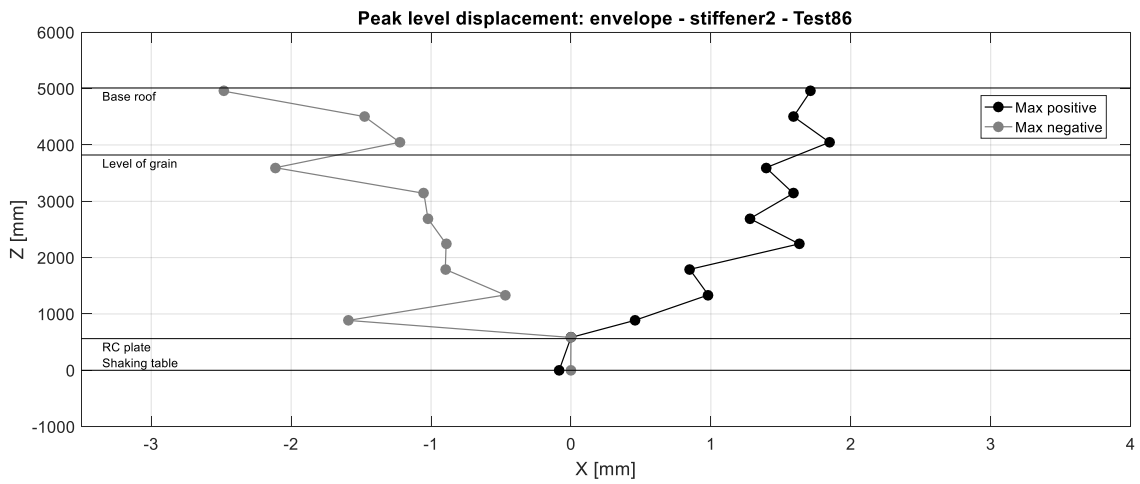
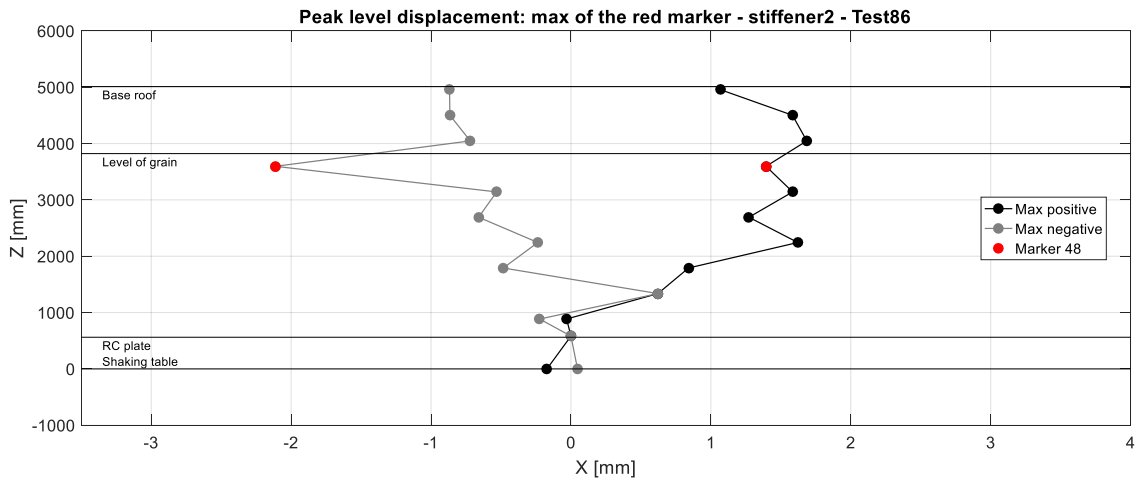


Earthquake input RS3 0.5 g: Test 86

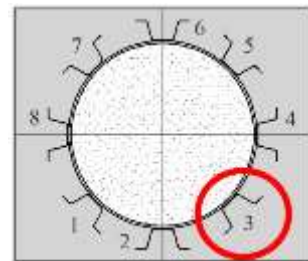
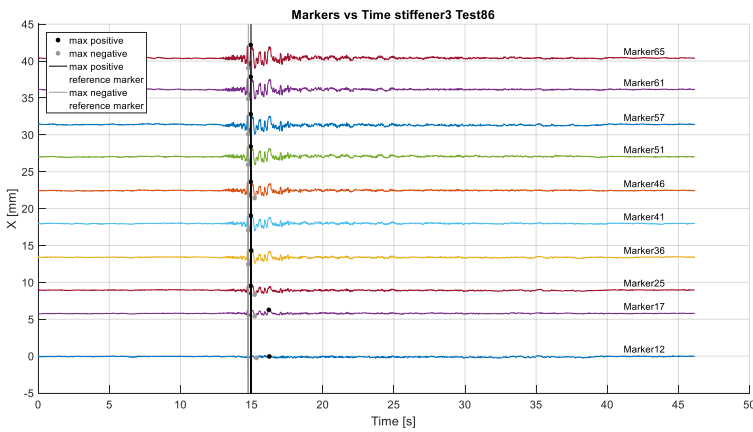
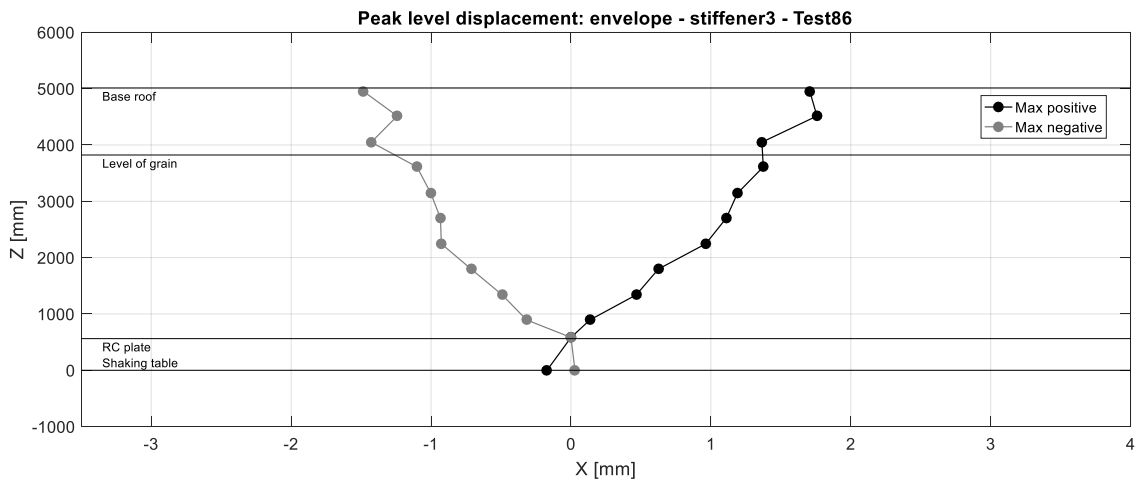
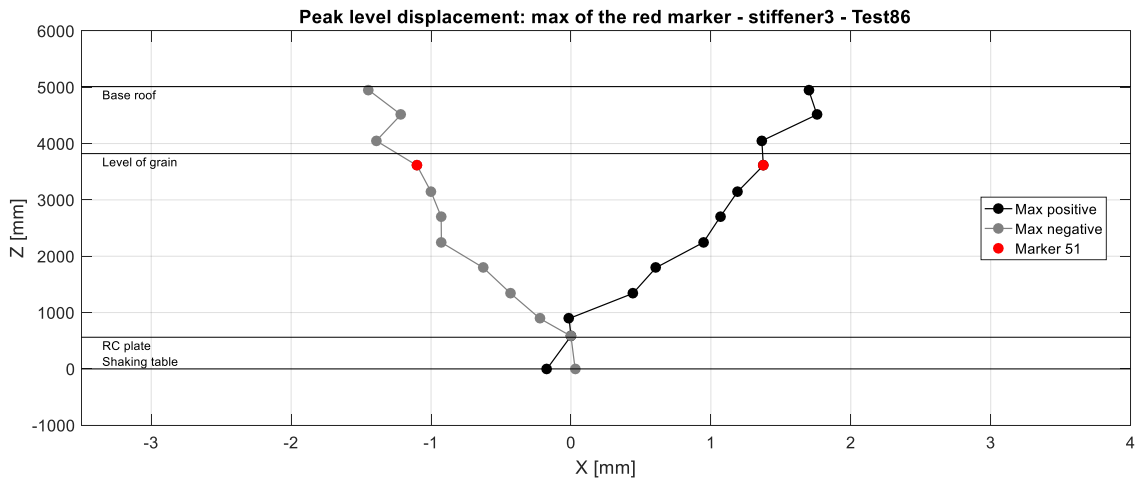
Montante 1



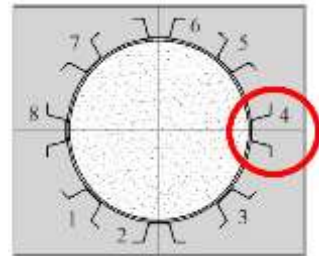
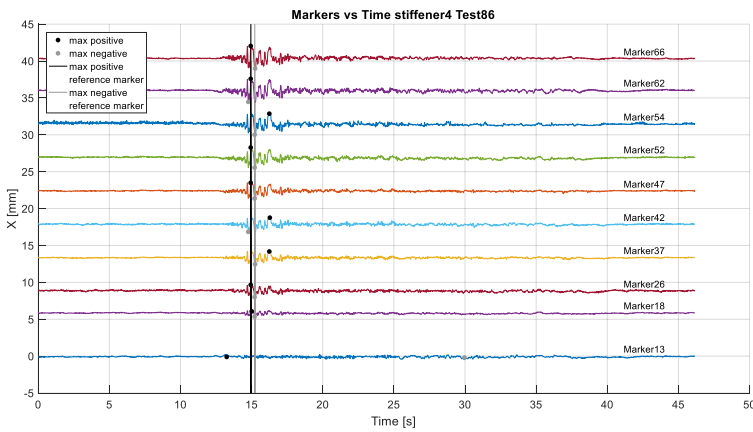
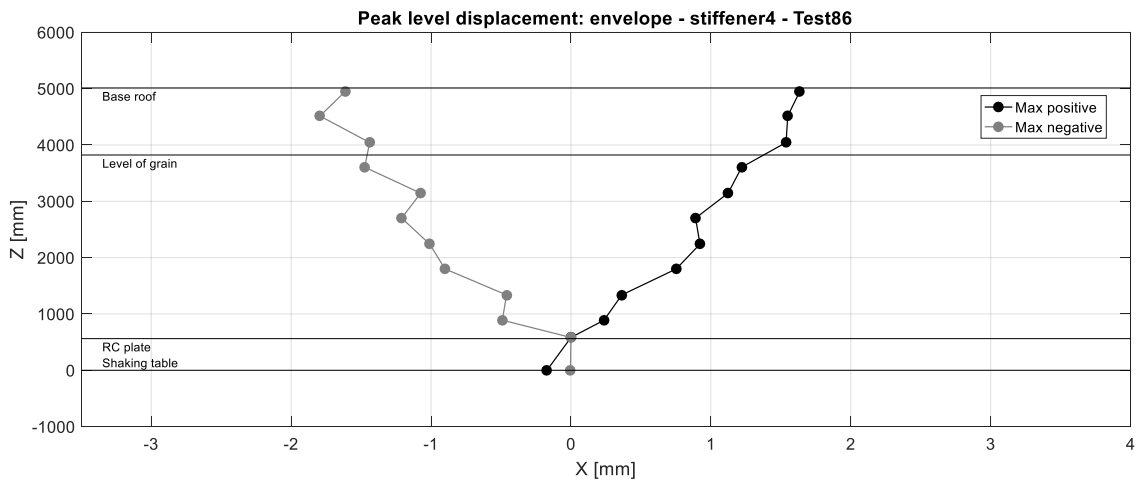
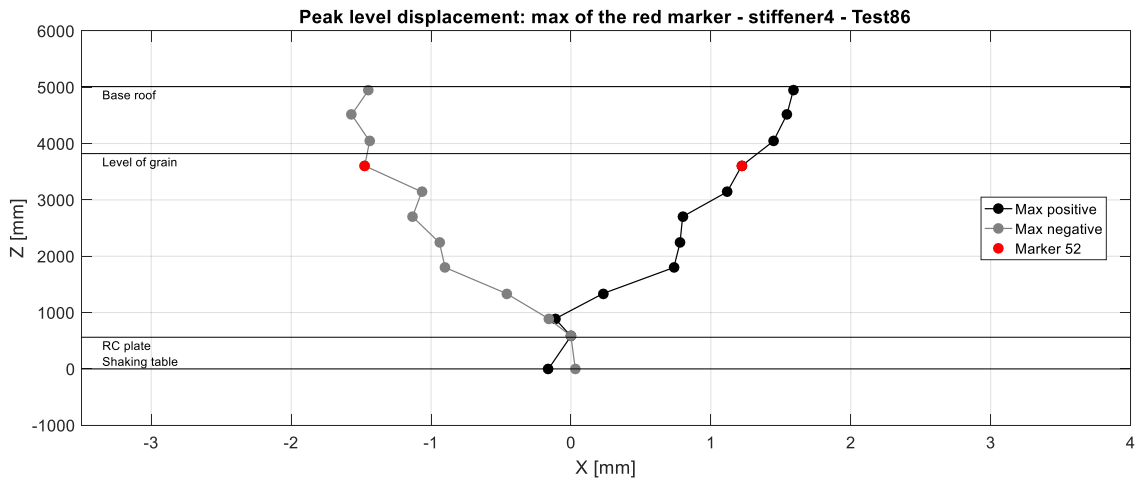
Montante 2



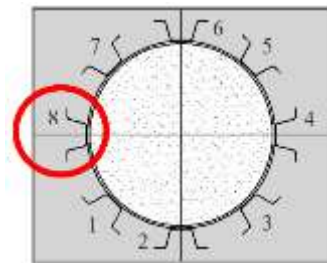
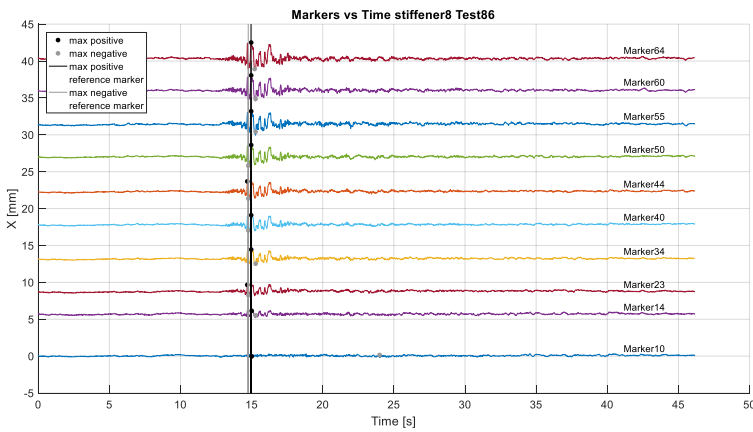
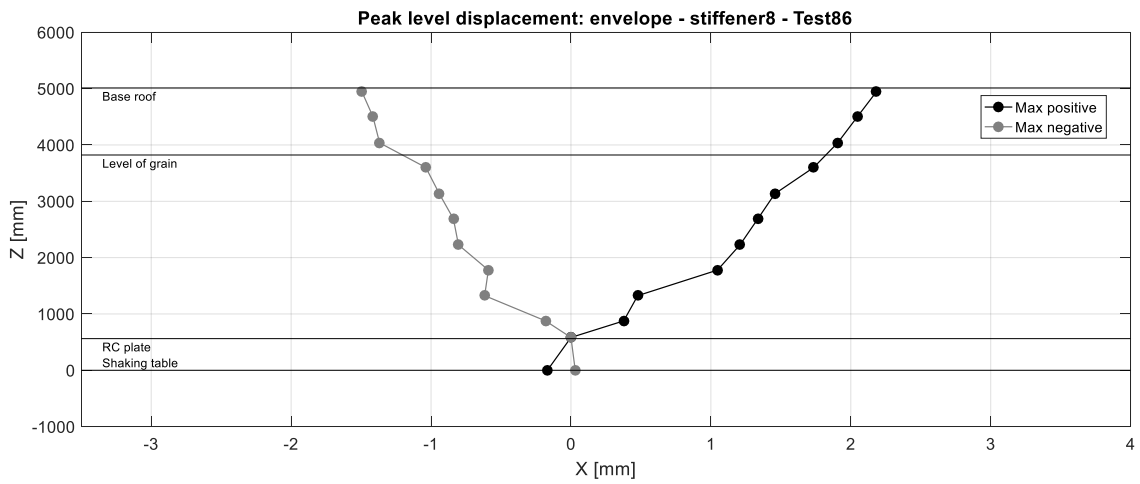
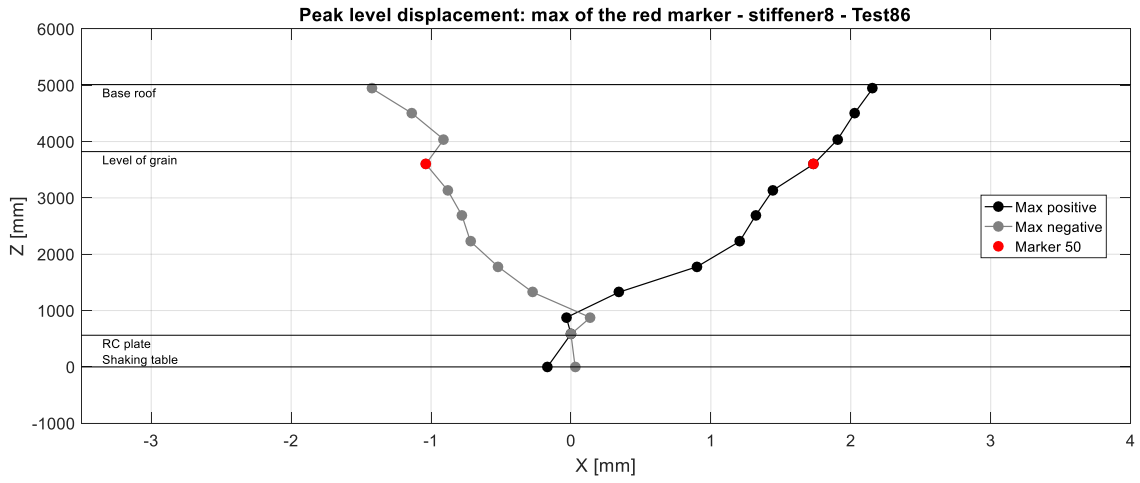
Montante 3



Montante 4

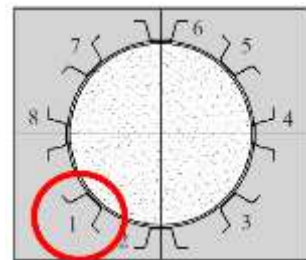
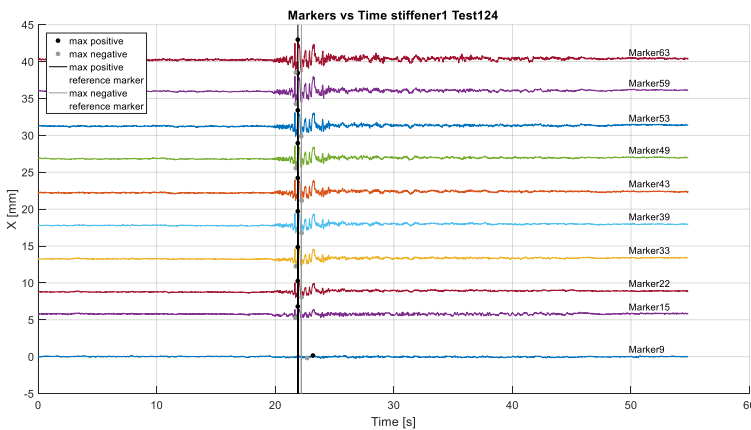
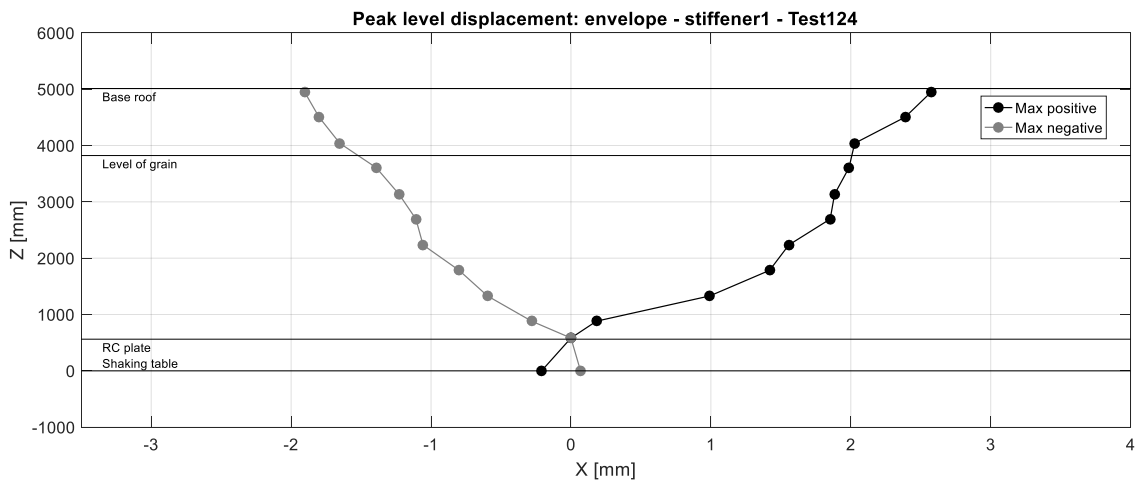
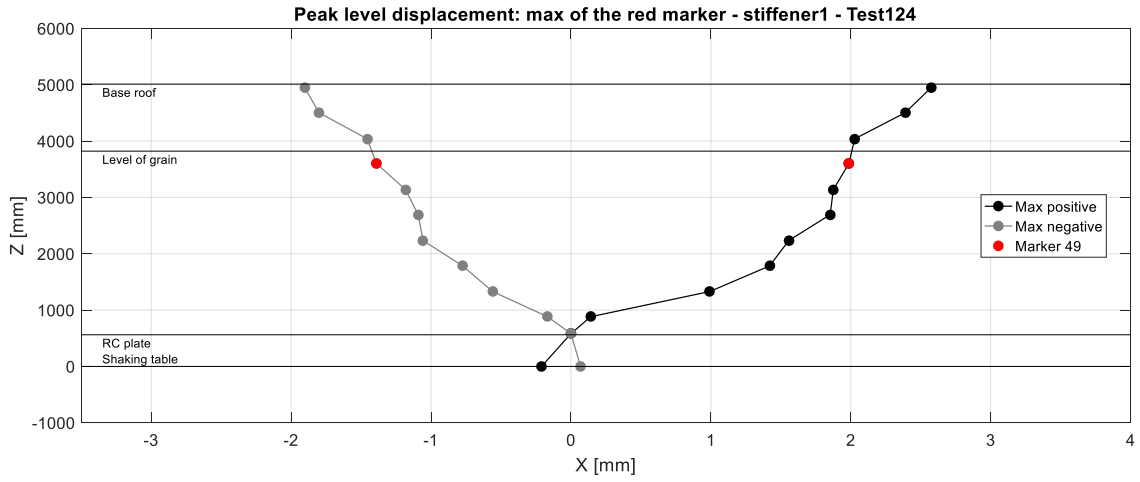


Montante 8

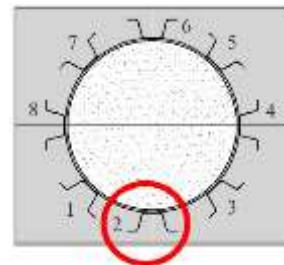
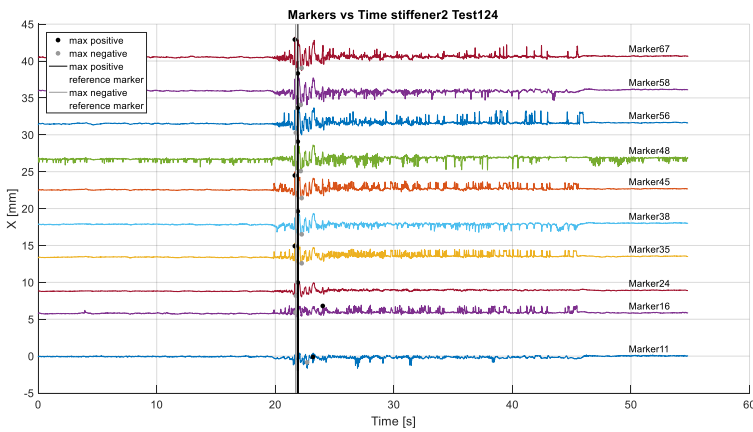
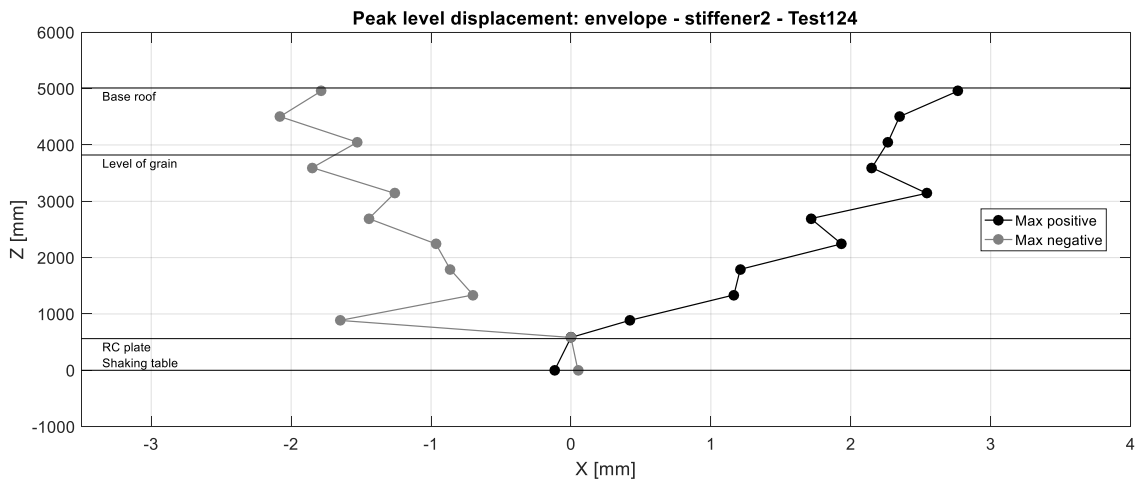
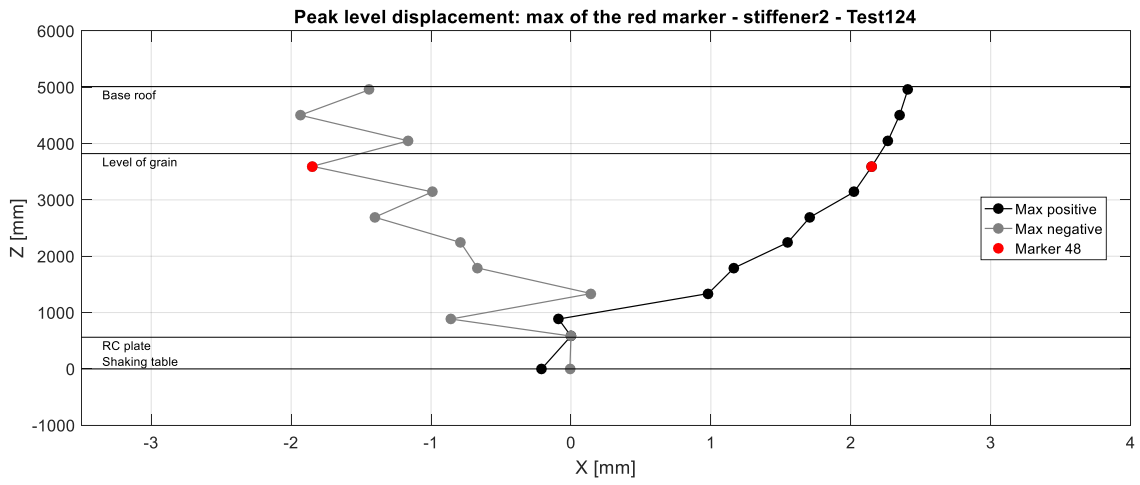


Earthquake input RS3 0.6 g: Test 124

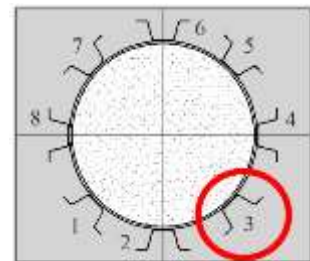
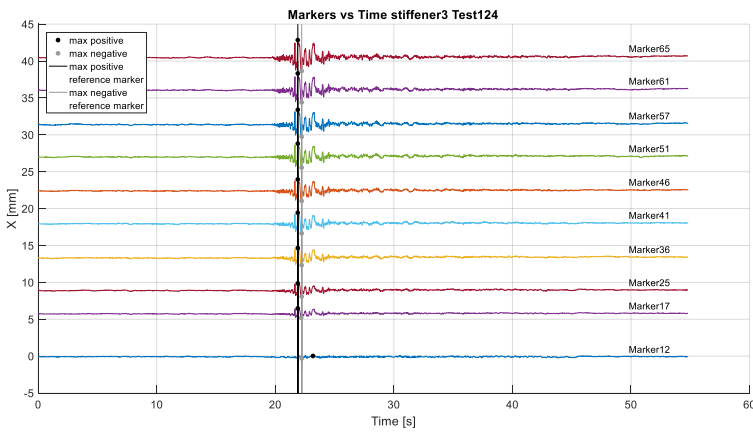
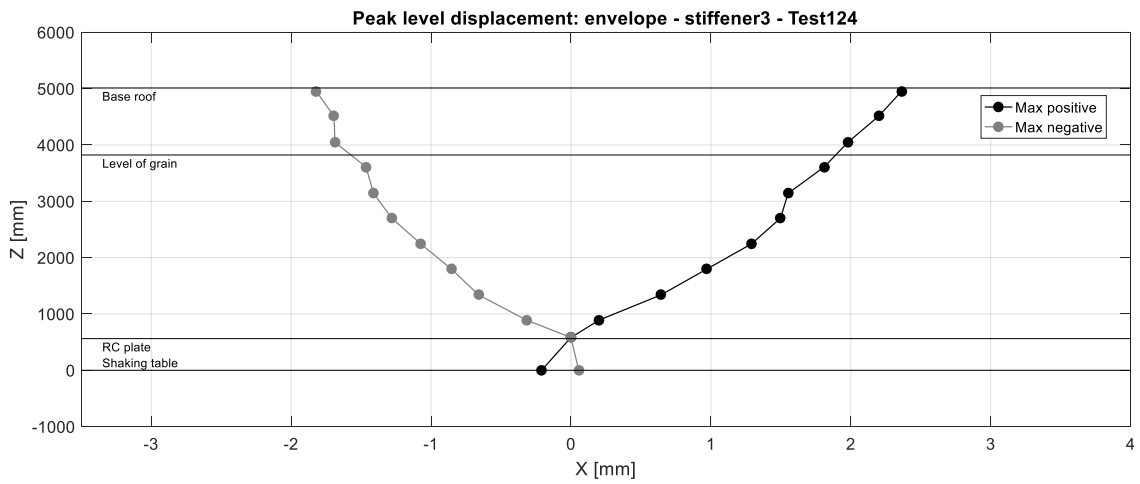
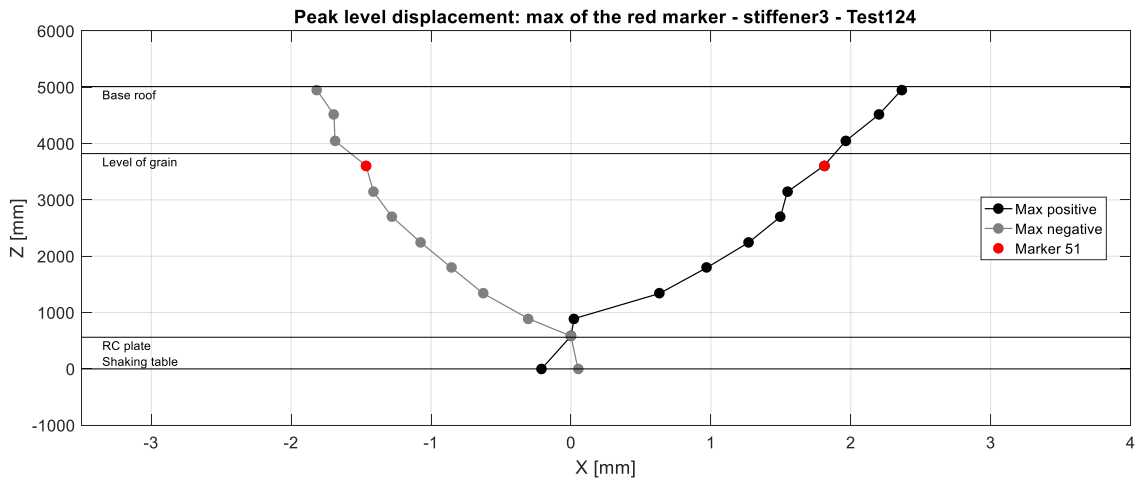
Montante 1



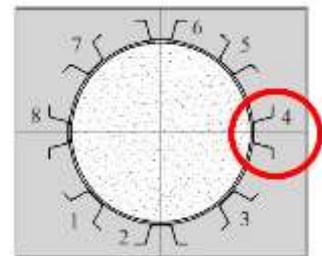
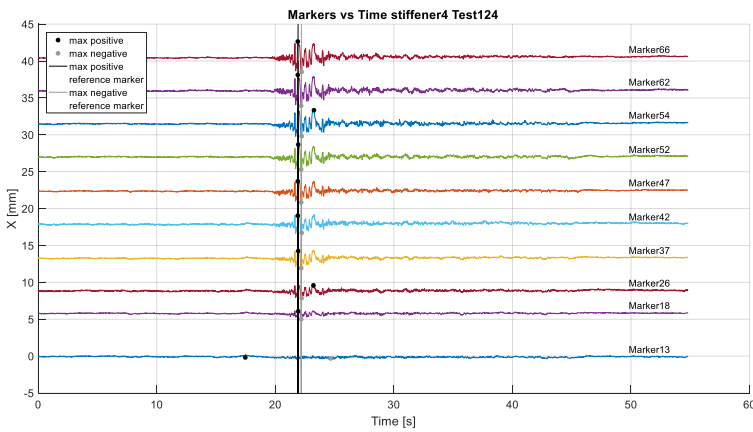
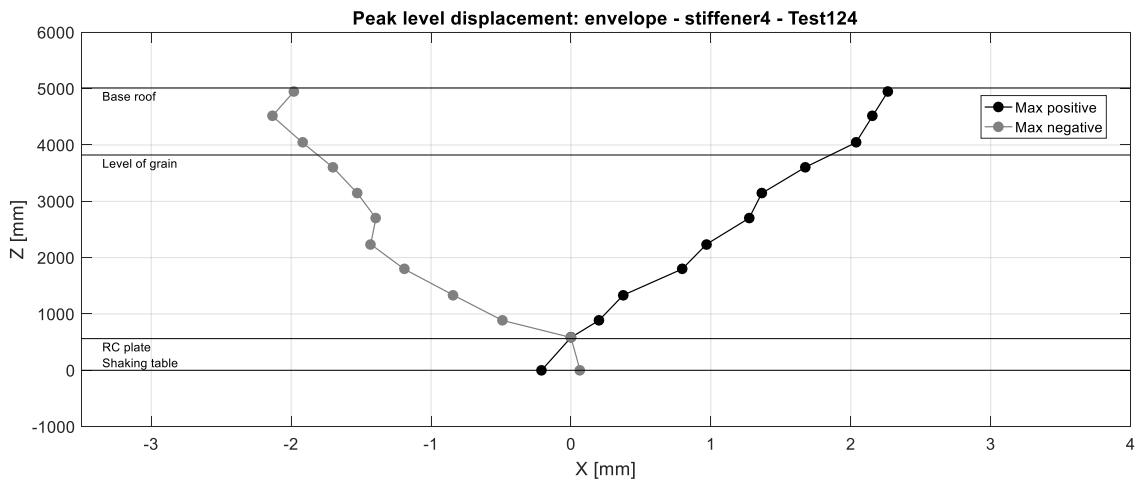
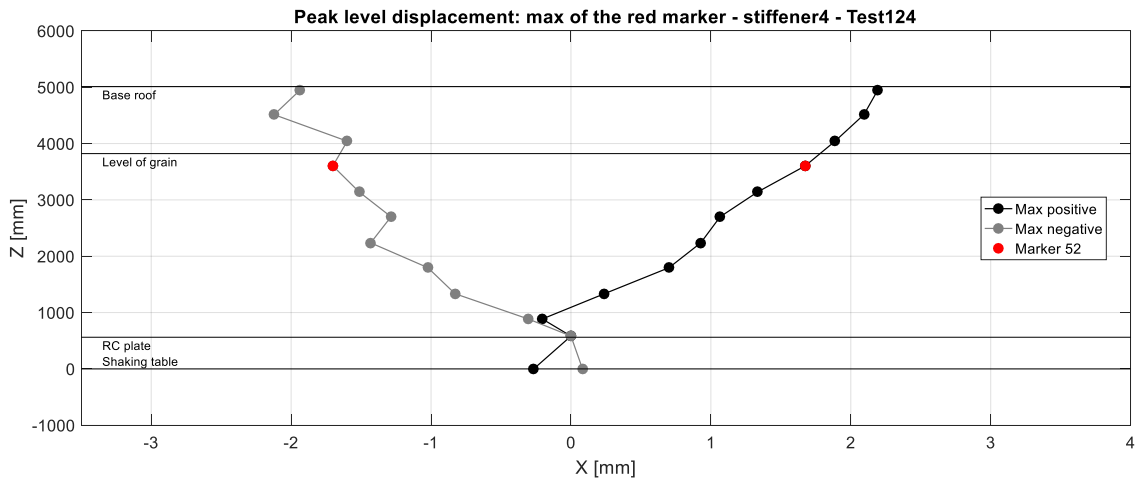
Montante 2



Montante 3



Montante 4



Montante 8

