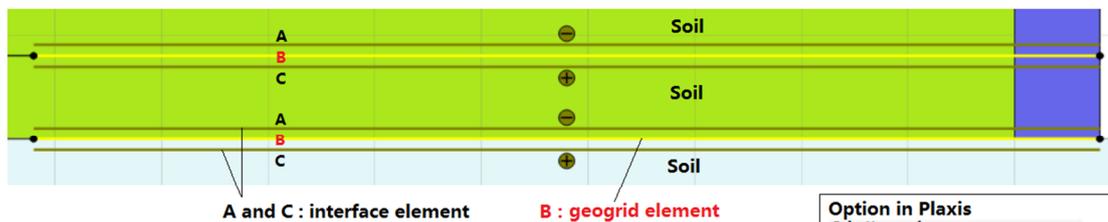
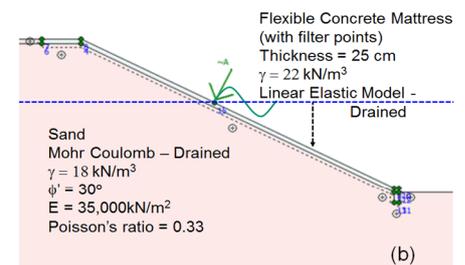
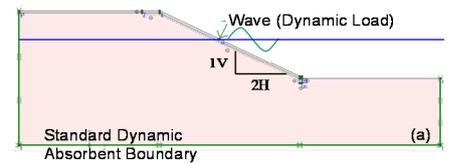
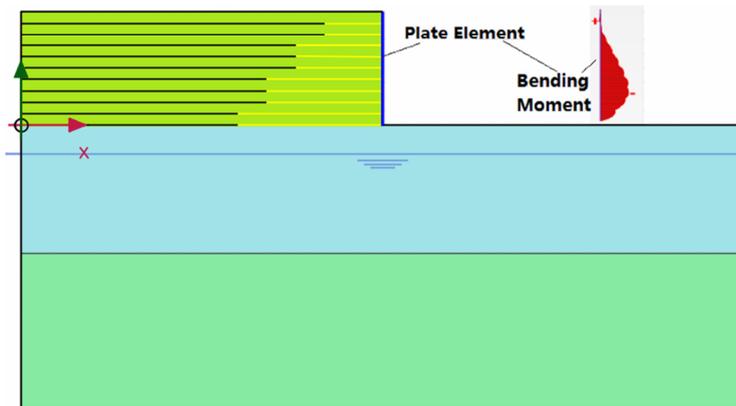
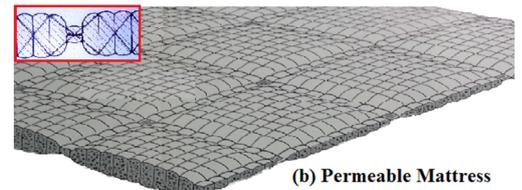
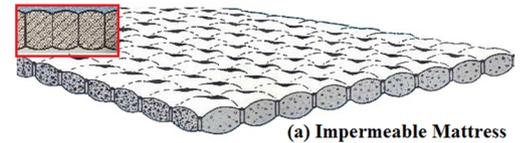
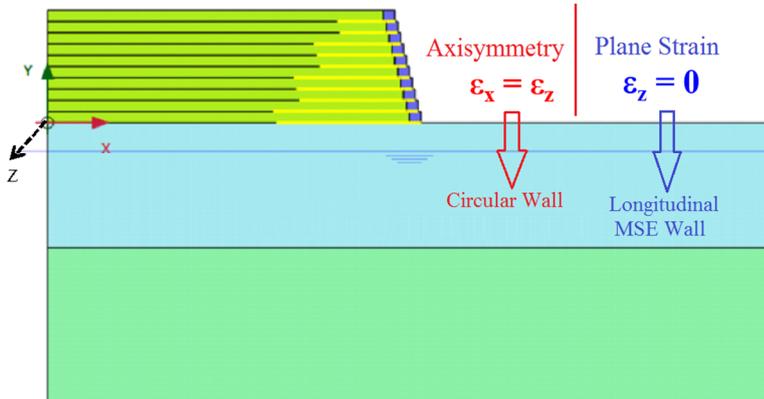


NOTES ON MECHANICALLY STABILIZED EARTH DESIGN

PLAXIS



To model:

Geotextile:	Geogrids:	Geomembrane:
<p>A, B, C active A, C chose permeable input $R_{inter} = 0.7-0.8$</p>	<p>A, B, C active A, C chose permeable input $R_{inter} = 0.9-1.0$ or: A and C not active if geogrids and soil cannot slip one another ($R_{inter} = 1$)</p>	<p>A, B, C active A, C un-ticked means Impermeable input $R_{inter} = 0.5-0.7$</p>

Option in Plaxis Selection explorer

- Line_2
 - First: Point_3
 - Second: Point_4
- Geogrid_2
 - Material: Geogrid300kN/m
 - Colour: [Yellow]
 - Apply strength reduction:
 - NegativeInterface_2
 - Material mode: From adjacent soil
 - Apply strength reduction:
 - Permeable:
 - Virtual thickness factor: 0.1000
 - PositiveInterface_2
 - Material mode: From adjacent soil
 - Apply strength reduction:
 - Permeable:
 - Virtual thickness factor: 0.1000

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