

Uplift Resistance of Shallow
Foundation:
A Weekly Report



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1.1 진행상황

1.1.1 Abaqus Modeling: 3D

Problems in Mesh

- Element distortion

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- Partitioning
- Too many element number
- Too much computing time

1.1.2 Abaqus Modeling: 2D Axisymmetric

1.1.3 문헌조사

Contact Elements

Beam Element for Structure

Pressure Loading

Different Soil Tank Size

1.2 하고있는 일들

1.2.1 Paramteric Study

phi

Elastic Modulus

Flow Angle

1.2.2 Including images

Code chunks are also used for including images, with `include_graphics` from the `knitr` package, as in Figure 1.1

```
knitr::include_graphics("figures/sample-content/beltcrest.png")
```

1. *First Meeting (9/3/2021)*



Figure 1.1: Oxford logo

Useful chunk options for figures include:

- `out.width` (use with a percentage) for setting the image size
- if you've got an image that gets waaay to big in your output, it will be constrained to the page width by setting `out.width = "100%"`