|  |
| --- |
| Formsteel |
| Structural Report |
| PS1 – Structural calculation and design report |

|  |
| --- |
| Formsteel Technologies Ltd  [Date] |



[TOC]

# Geometry

## Basic geometry

[BasicGeometryParameters]

## Structural model in 3D environment

[3DModelImage]

# Material properties

[MaterialProperties]

# Cross-sections

[CrossSections]

# Member types

[MemberTypes]

# Load

## Basic Parameters

[BasicLoadParameters]

## Dead Load

[DeadLoad]

## Service load

Todo – if necessary

## Live / Imposed Load

[ImposedLoad]

## Snow Load

[SnowLoad]

## Wind Load

[WindLoad]

## Seismic Load

Equivalent static method parameters

[SeismicLoad]

# Load Cases

[LoadCases]

# Load Combinations

[LoadCombinationsULS]

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Limit State** | **Load Cases** | **Combination Key** | **Formula** |

[LoadCombinationsSLS]

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Limit State** | **Load Cases** | **Combination Key** | **Formula** |

# Member design

[MemberDesign]

# Joint Design

[JointDesign]

## Member type: Main Column

Zobrazit pre kazdytypcombponenty so zaskrtnutym Design detailyposudkuspojov z UC\_JointDesign

TODO - Potrebovali by smetuvlozitobrazokspojanazaciatku a nakoncipruta v 3D alebo 2D.

Pre 2D by smemohlipouzit to canvas zo System Component Viewer



# Footing Design

TODO (oddelitvysledky od joint design)