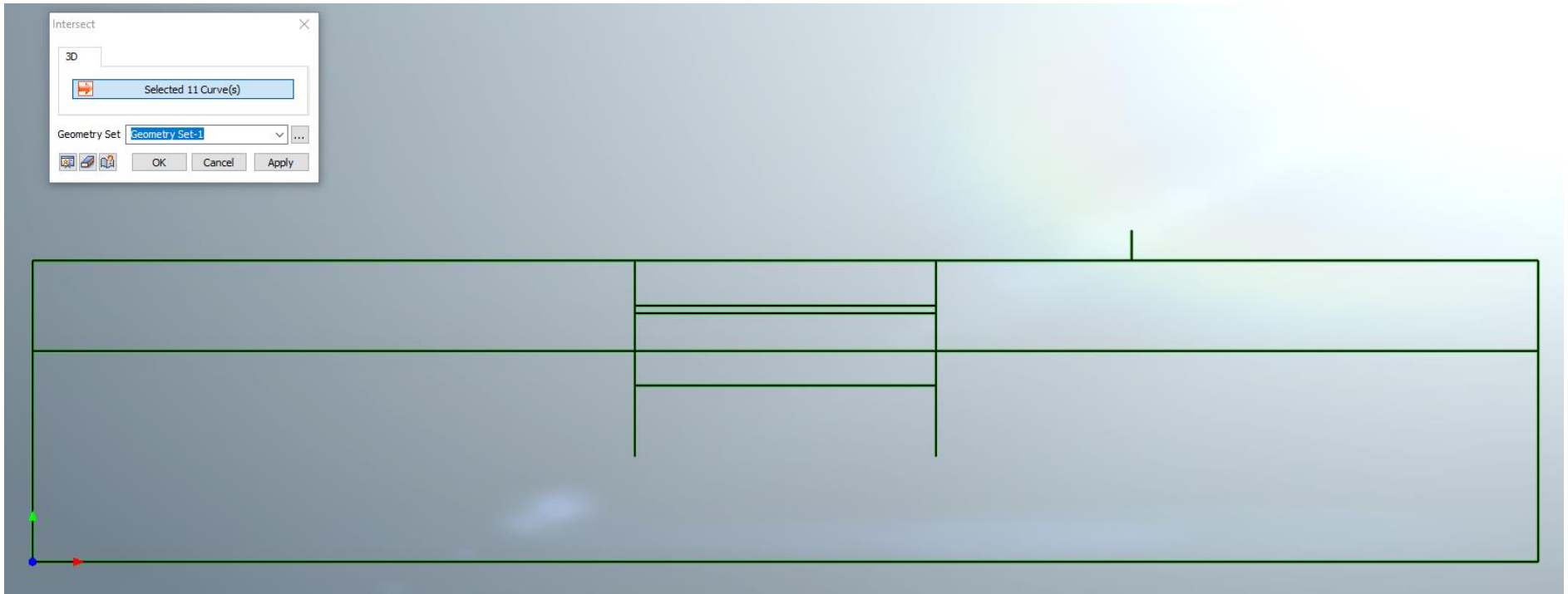
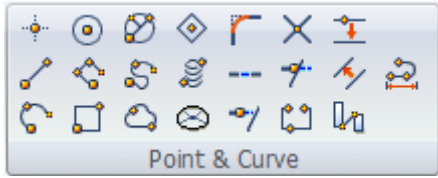
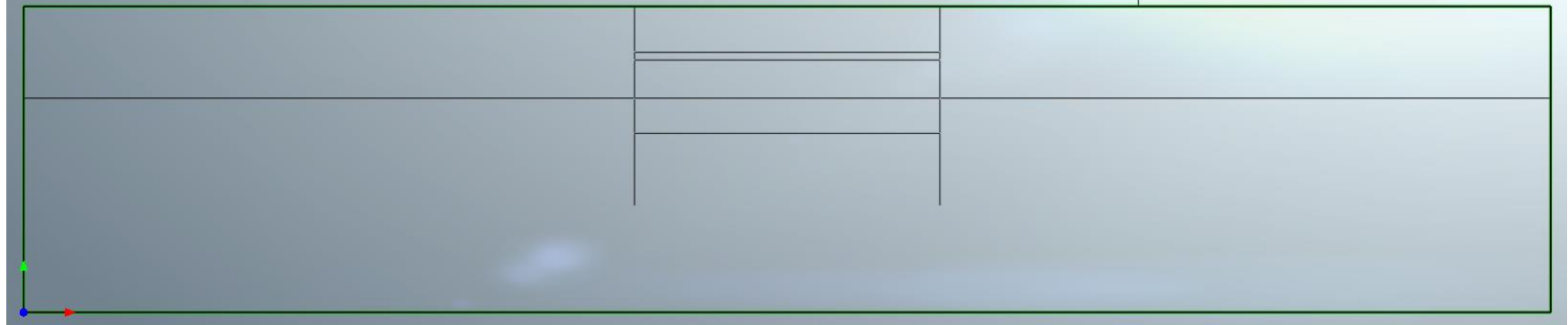
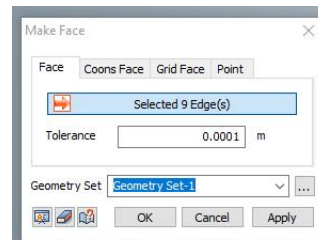
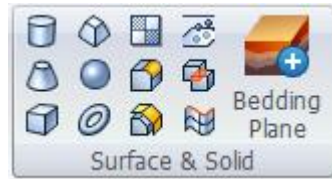





SPW

2022








 Comp. Prop.  
 Material Property    CSys    H Hinge ▾  
 Function ▾  
 Prop./CSys./Func.

Add/Modify Material

No	Name	Type
1	Soil 1	Isotropic-Mohr-Coulomb
2	Soil 2	Isotropic-Mohr-Coulomb

Create... ▾  
 Modify...  
 Copy  
 Delete  
 Import  
 Import from Excel  
 Export to Excel  
 Renumber  
 Database  
 Close

Material

ID: 3    Name: Steel    Color: [ ] ▾

Model Type: Elastic ▾     Structure

General    Thermal    Time Dependent    Temperature Dependent

Elastic Modulus(E): 210e6 kN/m<sup>2</sup> ...  
 Inc. of Elastic Modulus: 0 kN/m<sup>3</sup>  
 Inc. of Elastic Modulus Ref. Height: 0 m  
 Poisson's Ratio( $\nu$ ): 0.22  
 Unit Weight( $\gamma$ ): 78 kN/m<sup>3</sup>


Initial Stress Parameters  
 Ko Determination: 1  
 Automatic  
 Manual     Anisotropy

Thermal Parameter  
 Thermal Coefficient: 1e-006 1/[T]  
 Molecular vapor diffusion coefficient: 0 m<sup>2</sup>/sec  
 Thermal diffusion enhancement: 0

Damping Ratio(For Dynamic)  
 Damping Ratio: 0.05

Safety Result(Mohr-Coulomb)  
 Cohesion(C): 30 kN/m<sup>2</sup>  
 Frictional Angle( $\phi$ ): 36 [deg]  
 Tensile Strength: 0 kN/m<sup>2</sup>

OK    Cancel    Apply



Add/Modify Property

No	Name	Type	Sub-Type
----	------	------	----------

Create   
Modify...  
Copy  
Delete  
Import...  
Renumber  
Close

Create/Modify 2D Property

Plot Only(2D) Gauging Shell Axisymmetric Composite Shell  
Shell Plane Stress Plane Strain Geogrid(2D)

ID  Name  Color

Material

Material CSys  
 CSys   [deg]  
 Angle

OK Cancel Apply

Add/Modify Property

No	Name	Type	Sub-Type
1	Soil 1	2D	Plane Strain

Create   
Modify...  
Copy  
Delete  
Import...  
Renumber  
Close

Create/Modify 2D Property

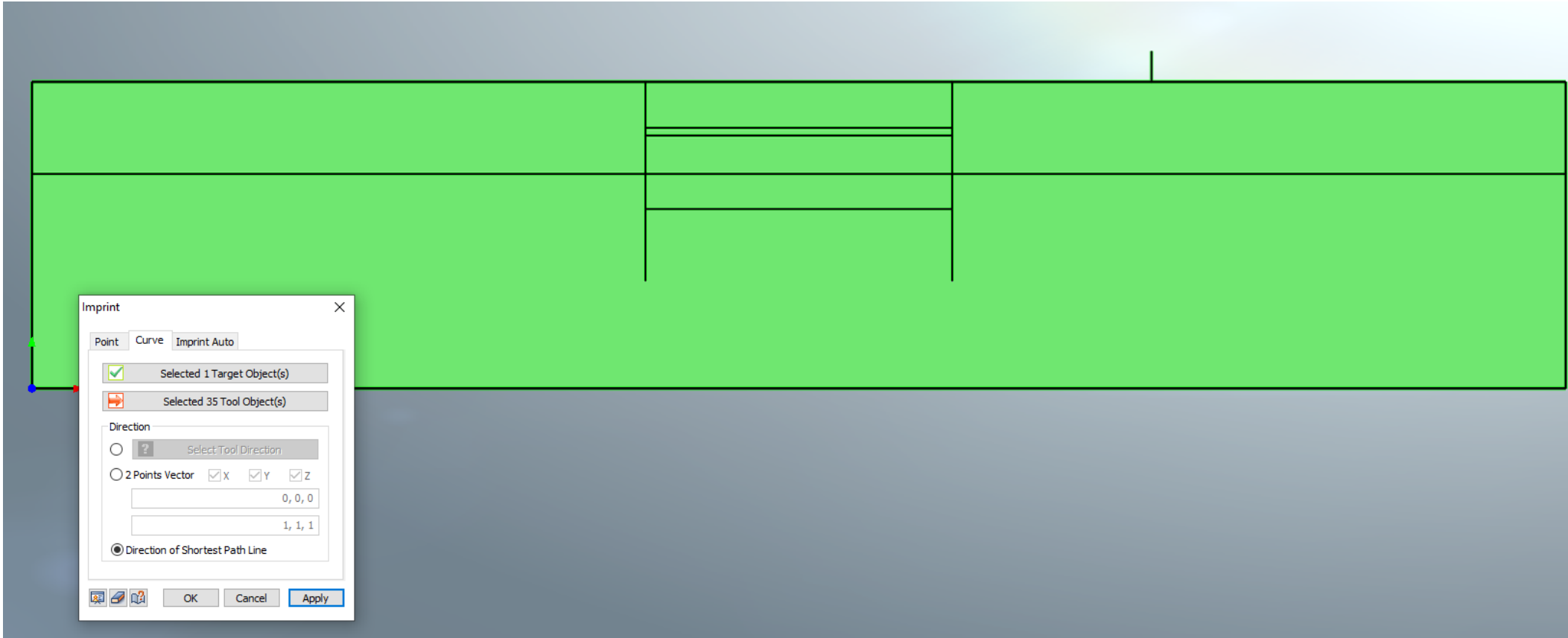
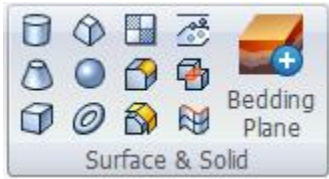
Plot Only(2D) Gauging Shell Axisymmetric Composite Shell  
Shell Plane Stress Plane Strain Geogrid(2D)

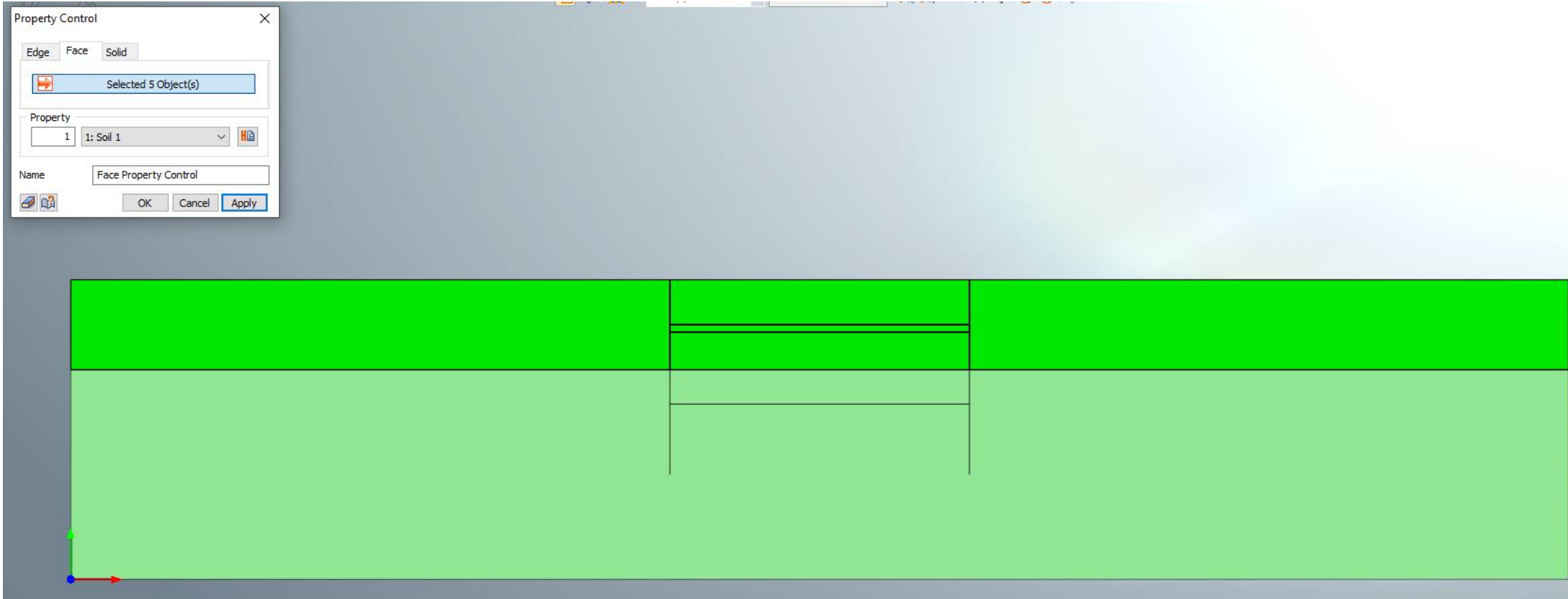
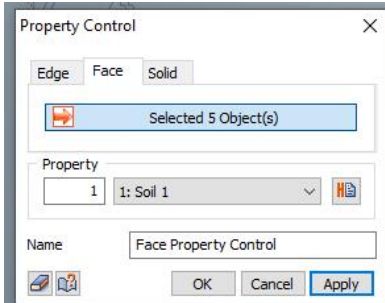
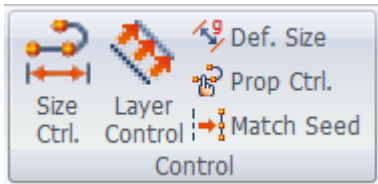
ID  Name  Color

Material

Material CSys  
 CSys   [deg]  
 Angle


OK Cancel Apply






Property Control ✕



Edge Face **Solid**

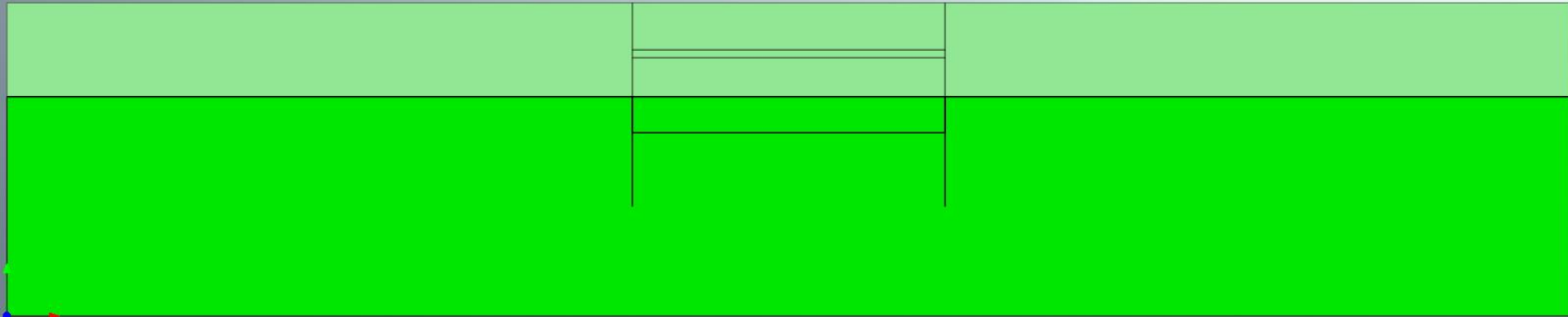
 Selected 2 Object(s)

Property

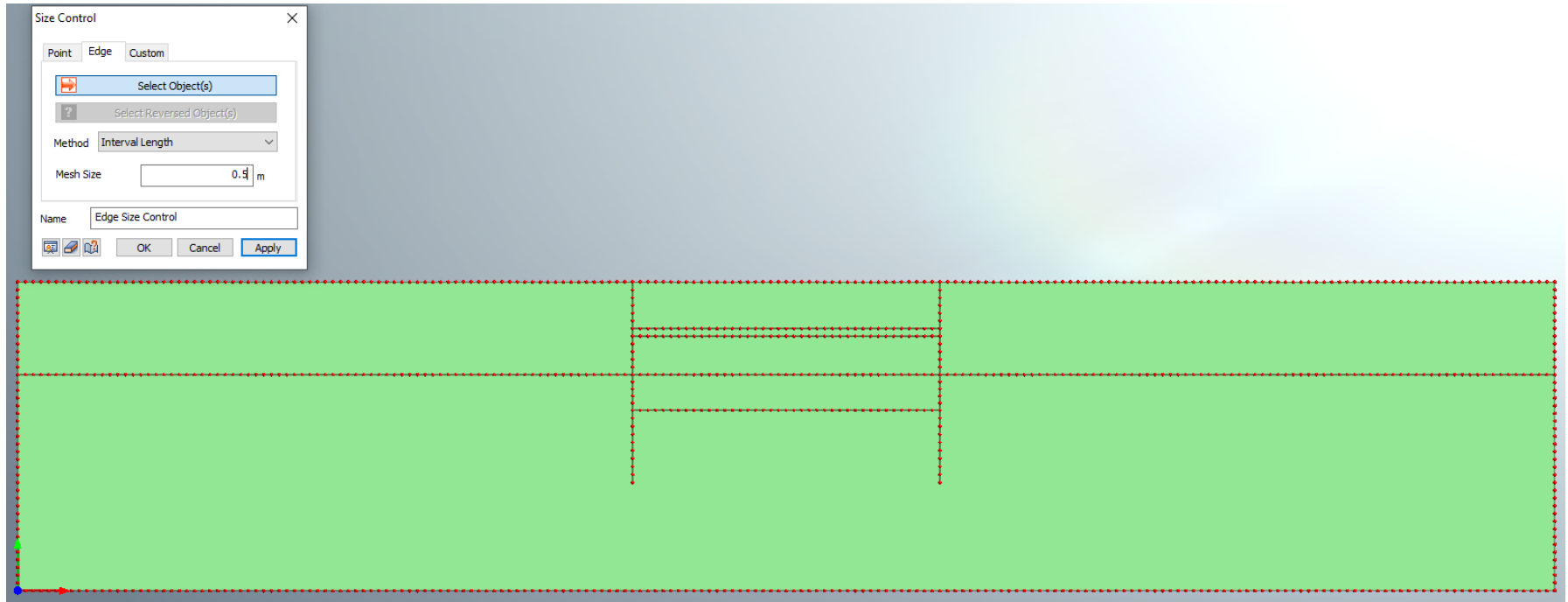
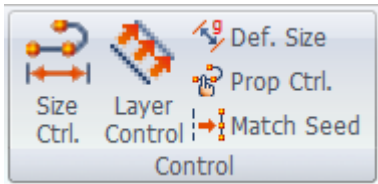
2 2: Soil 2 

Name Face Property Control

  OK Cancel **Apply**

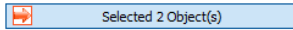






Generate mesh(Face) ✕

Auto-Face **Auto-Area** Map-Face Map-Area

 Selected 2 Object(s)




Size Method

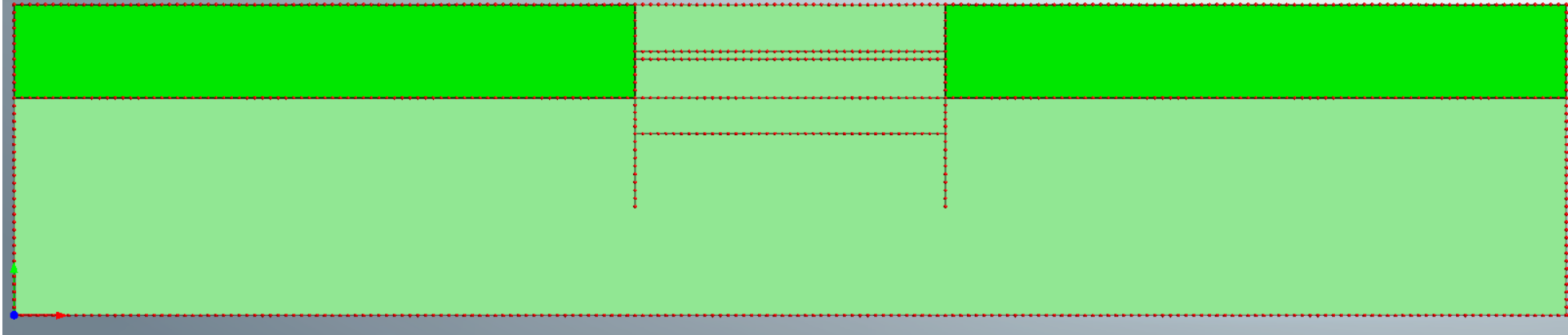
Size  Division

Property

1: Soil 1

Mesh Set



Generate mesh(Face) X

Auto-Face Auto-Area Map-Face Map-Area

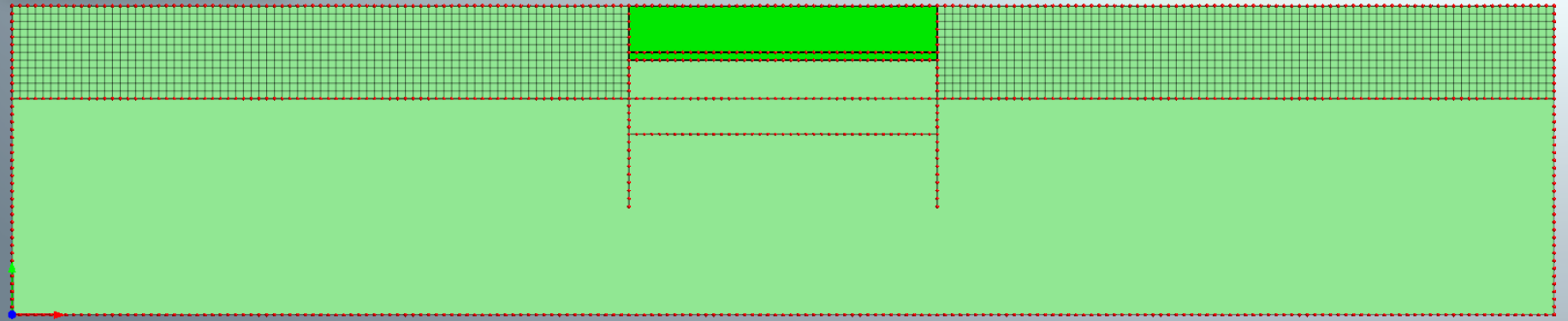
Selected 2 Object(s)

Size Method  
 Size  Division 3.4 <

Property  
1 1: Soil 1

Mesh Set  
Soil 1 stage 1

OK Cancel Apply >>



Generate mesh(Face) X

Auto-Face Auto-Area Map-Face Map-Area

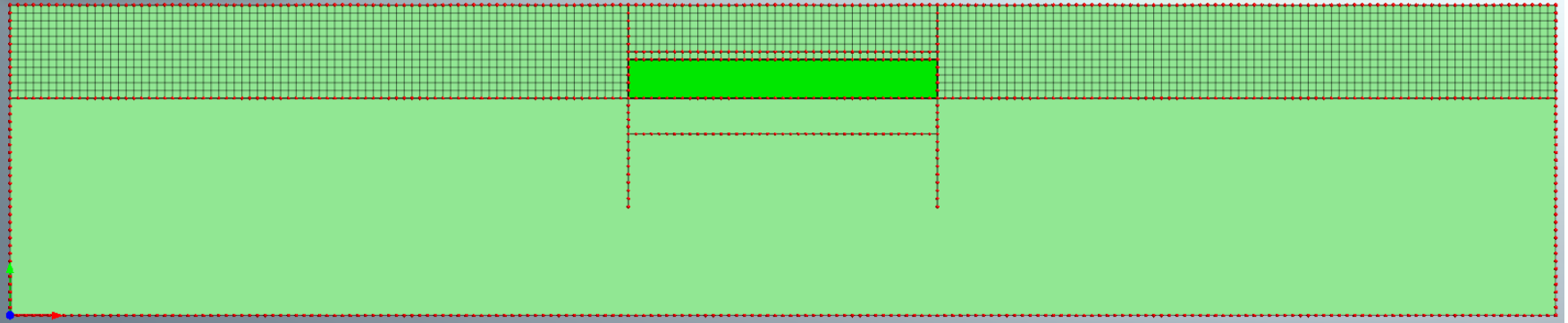
Selected 1 Object(s)

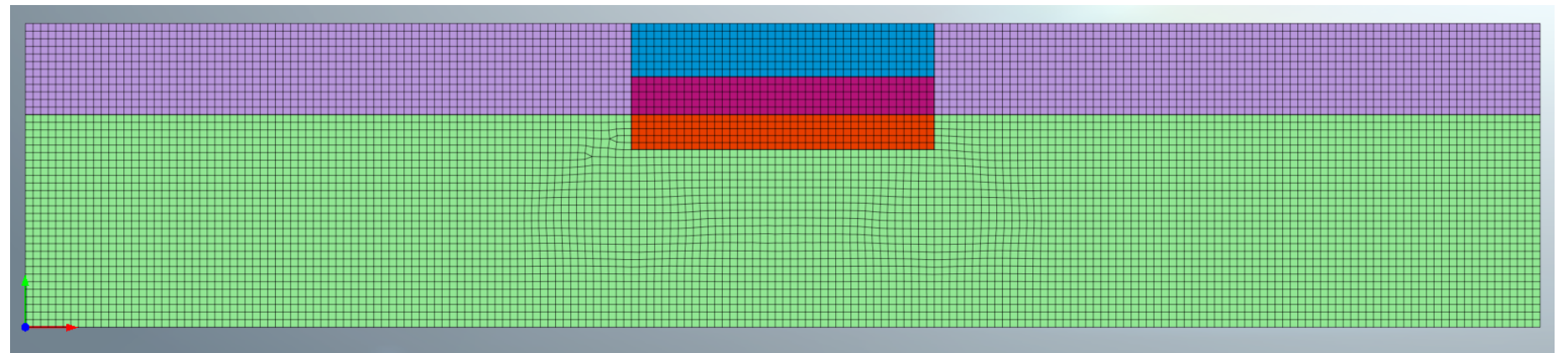
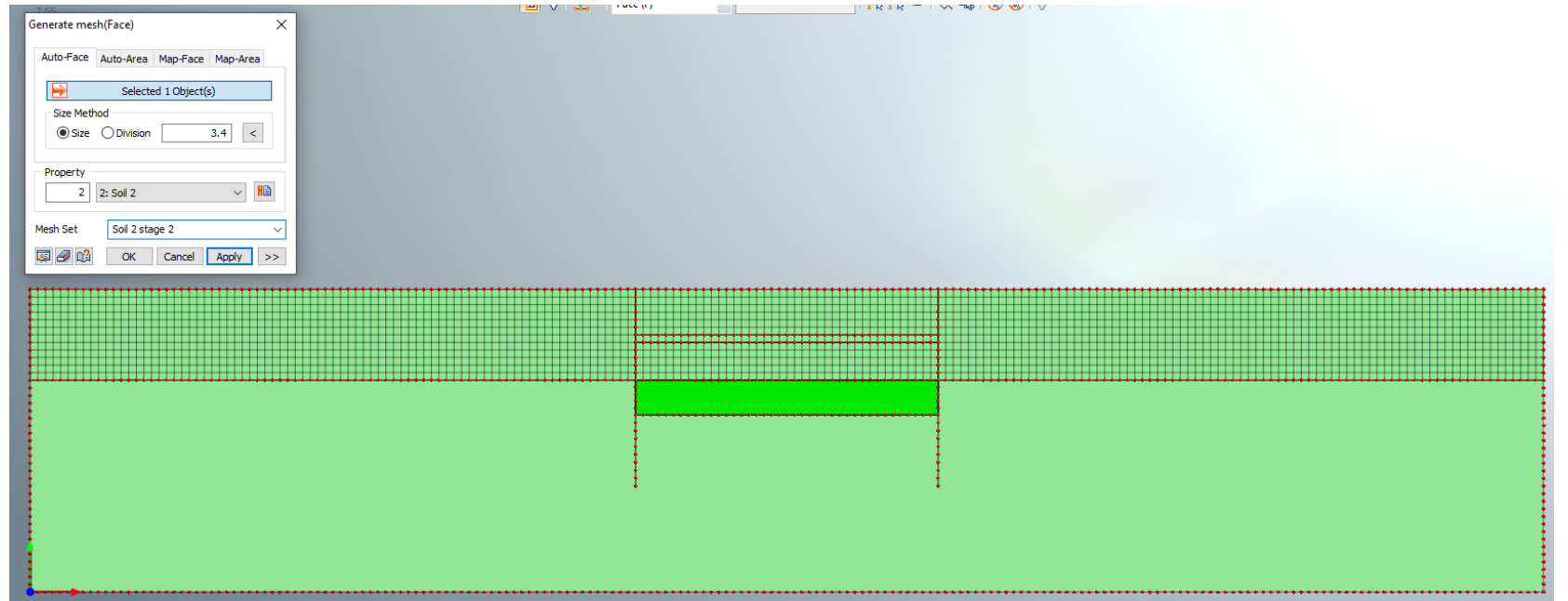
Size Method  
 Size  Division 3.4 <

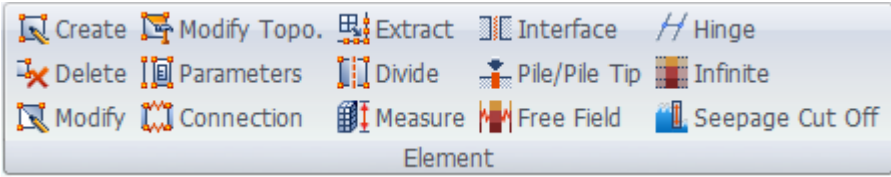
Property  
1 1: Soil 1

Mesh Set  
Soil 1 stage 1

OK Cancel Apply >>







Extract Element

Geometry Mesh

Type Edge

Select Object(s)

Skip Duplicated Faces

Orientation (Element Z-Axis)

Beta Angle: 90 [deg]

Property

3

Mesh Set

Register Based-on Object Shape

Register Based-on Owner Shape

Register Based-on Owner Mesh Set

Extracted Mesh Set

OK Cancel Apply

Create/Modify 1D Property

Pile Geogrid(1D) Plot Only(1D)

Truss Embedded Truss Beam Embedded Beam

ID 3 Name Sheet pile Color

Material 3: Steel

Hinge Property

Taper

	Section-i	Section-j
Cross Sectional Area(A)	0	0 m <sup>2</sup>
Torsional Constant(Ix)	0	0 m <sup>4</sup>
Torsional Stress Coeff.	0	0 m
Area Moment of Inertia(Iy)	0	0 m <sup>4</sup>
Area Moment of Inertia(Iz)	0	0 m <sup>4</sup>
Effective Shear Area(Ay)	0	0 m <sup>2</sup>
Effective Shear Area(Az)	0	0 m <sup>2</sup>
Shear Stress Coefficient(Gy)	0	0 1/m <sup>2</sup>
Shear Stress Coefficient(Gz)	0	0 1/m <sup>2</sup>

Stress... Stress...

y Axis Variable Constant

z Axis Variable Constant

Spacing 1 m

Section... Solid Rectangle

OK Cancel Apply

Section Template

Sheet-Pile

Standard ArcelorMittal

Sub-Shapes U Section

Section AU 25

H 0.45 m

B 0.75 m

tw 0.0145 m

ts 0.0102 m

Offset Center-Center

OK Cancel

Create/Modify 1D Property

Pile Geogrid(1D) Plot Only(1D)

Truss Embedded Truss Beam Embedded Beam

ID 3 Name Sheet pile Color

Material 3: Steel

Hinge Property

Taper

	Section-i	Section-j
Cross Sectional Area(A)	0.0188	0.0188 m <sup>2</sup>
Torsional Constant(Ix)	0	0 m <sup>4</sup>
Torsional Stress Coeff.	0	0 m
Area Moment of Inertia(Iy)	0.0005624	0.0005624 m <sup>4</sup>
Area Moment of Inertia(Iz)	0	0 m <sup>4</sup>
Effective Shear Area(Ay)	0	0 m <sup>2</sup>
Effective Shear Area(Az)	0	0 m <sup>2</sup>
Shear Stress Coefficient(Gy)	0	0 1/m <sup>2</sup>
Shear Stress Coefficient(Gz)	0	0 1/m <sup>2</sup>

Stress... Stress...

y Axis Variable Constant

z Axis Variable Constant

Spacing 1 m

Section... Sheet-Pile

OK Cancel Apply

Extract Element

Geometry Mesh

Type Edge

Selected 10 Object(s)

Skip Duplicated Faces

Orientation (Element Z-Axis)

Beta Angle: 90 [deg]

Property

3 3: Sheet pile

Mesh Set

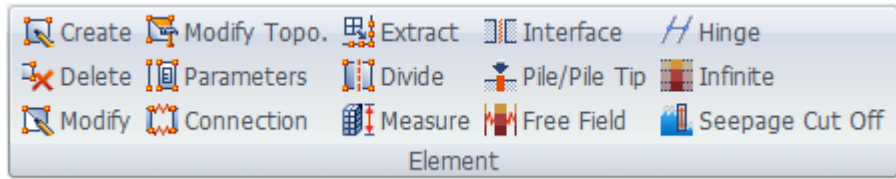
Register Based-on Object Shape

Register Based-on Owner Shape

Register Based-on Owner Mesh Set

Sheet pile

OK Cancel Apply



Interface Wizard Data

Structural Parameters

Virtual Thickness Factor(tv)  m

Strength Reduction Factor(R)

Consider Element Size

Line Interface Thickness  m

Conduction for Seepage flow  m/sec/m

Create Interface

Line Shell Plane

Element ID

Method

Type From Truss/Beam

Parameters

Selected 52 Object(s)

Merge Nodes

Property Parameters

Manual Input  Wizard

Register Interface Mesh Set Separately

Create Other Element

Property

Mesh Set Sheet Pile Interface

Create Interface

Line Shell Plane

Element ID

Method

Type From Truss/Beam

Parameters

Selected 52 Object(s)

Merge Nodes

Property Parameters

Manual Input  Wizard

Register Interface Mesh Set Separately

Create Other Element

Property

Mesh Set Line Interface

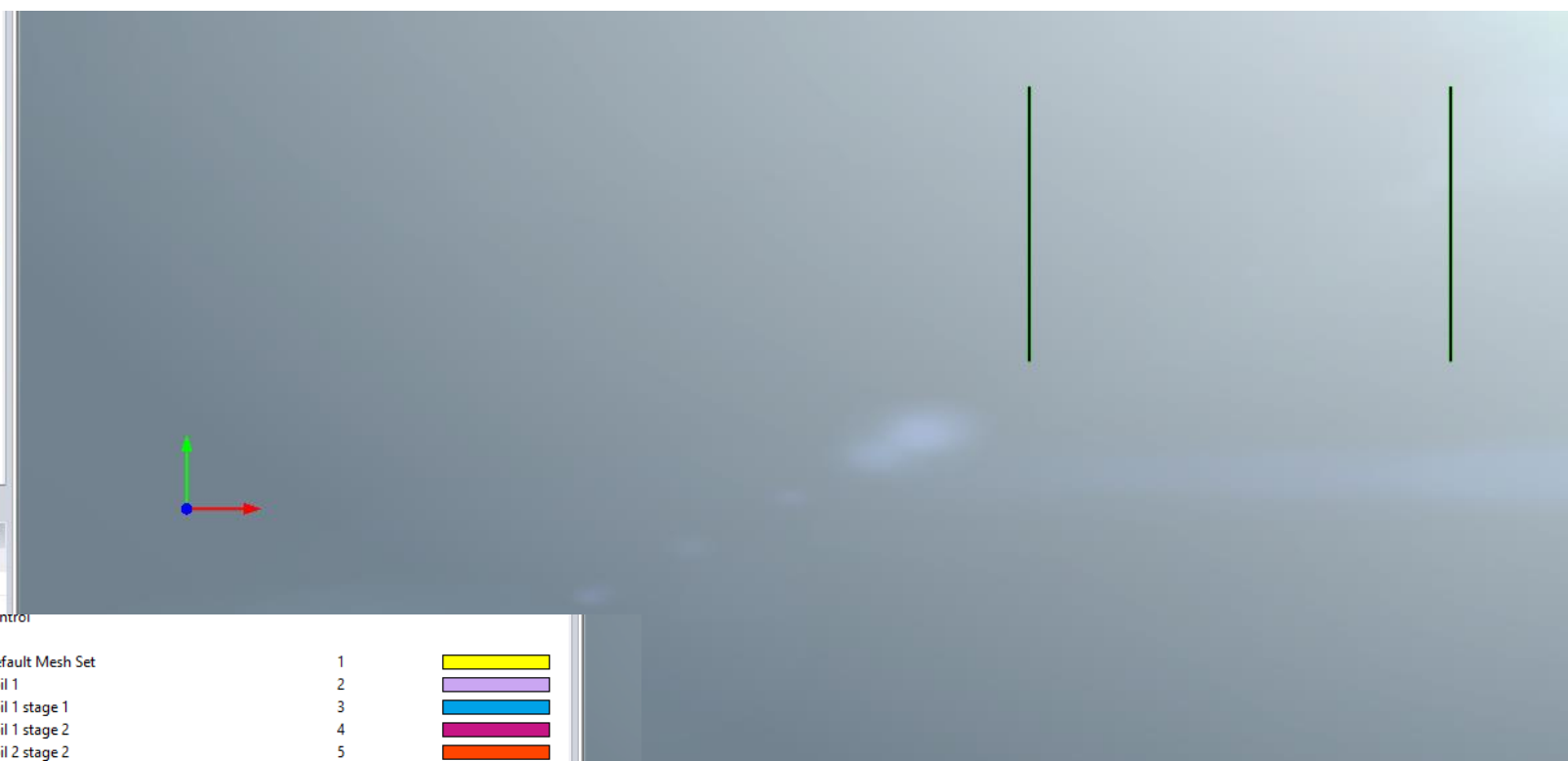
Export Shape  
Mesh Control  
Mesh

- Default Mesh Set 1
- Soil 1 2
- Soil 1 stage 1 3
- Soil 1 stage 2 4
- Soil 2 stage 2 5
- Soil 2 6
- Sheet p... (checked)
- Sheet p...
- Rigid L...

Contact  
Element Para...  
Hinge

- Show
- Hide
- Show Only
- Hide Only
- Show <-> Hide
- Include/Exclude Elements & Nodes
- Display Mode
- Display
- Transparency
- Shrink...
- Delete
- Rename (F2)

Properties	
Mesh Set	
ID	
Name	Sheet pile
Color	A0C0FF
Element Count	52
Node Count	54
Property	3 : Sheet pile
Material	3 : Steel
Mass	



Mesh Control  
Mesh

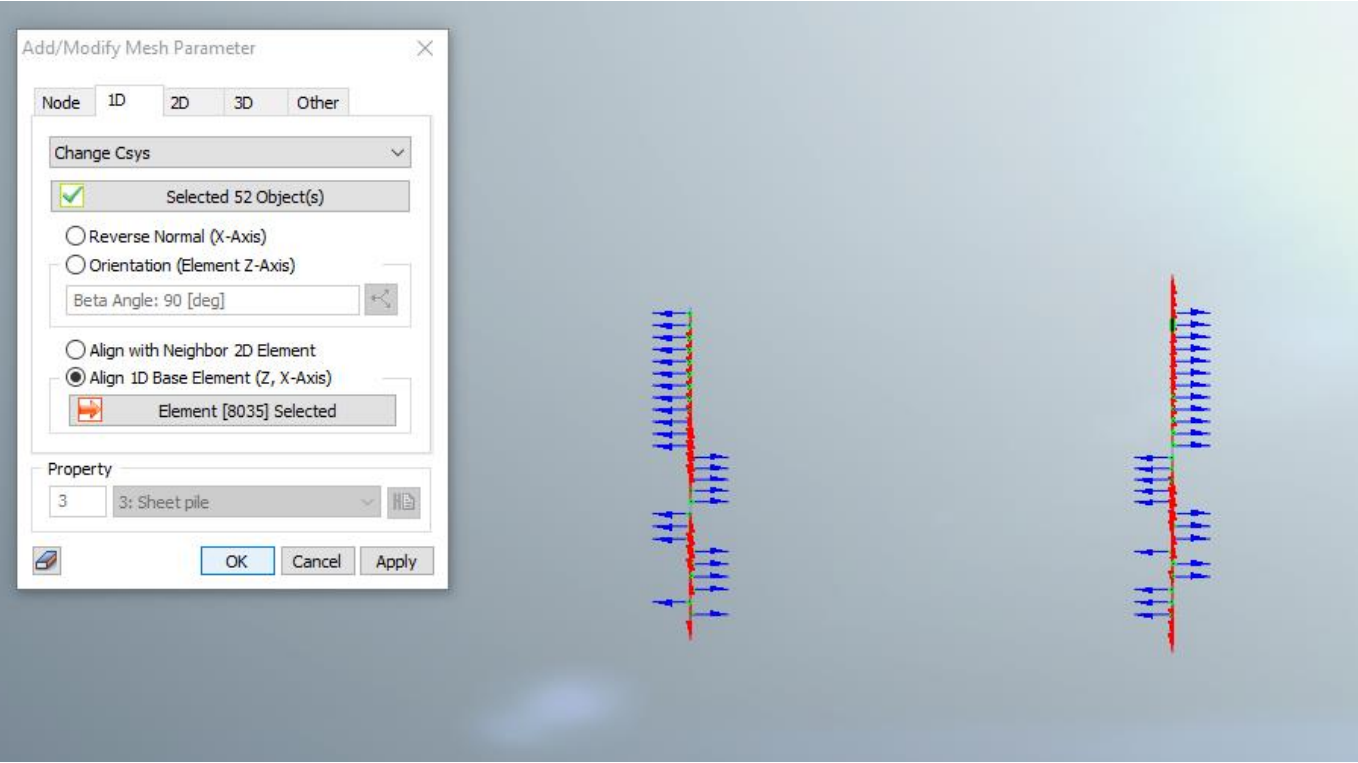
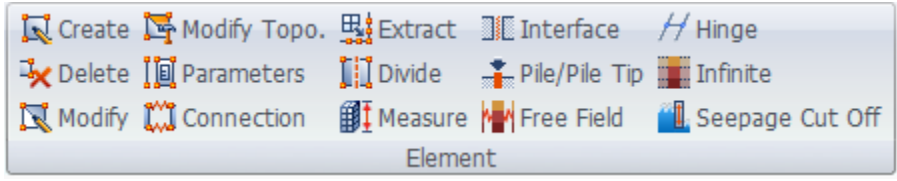
- Default Mesh Set 1
- Soil 1 2
- Soil 1 stage 1 3
- Soil 1 stage 2 4
- Soil 2 stage 2 5
- Soil 2 6
- Sheet p... (checked)
- Sheet p...
- Rigid L...

Contact  
Element Para...  
Hinge

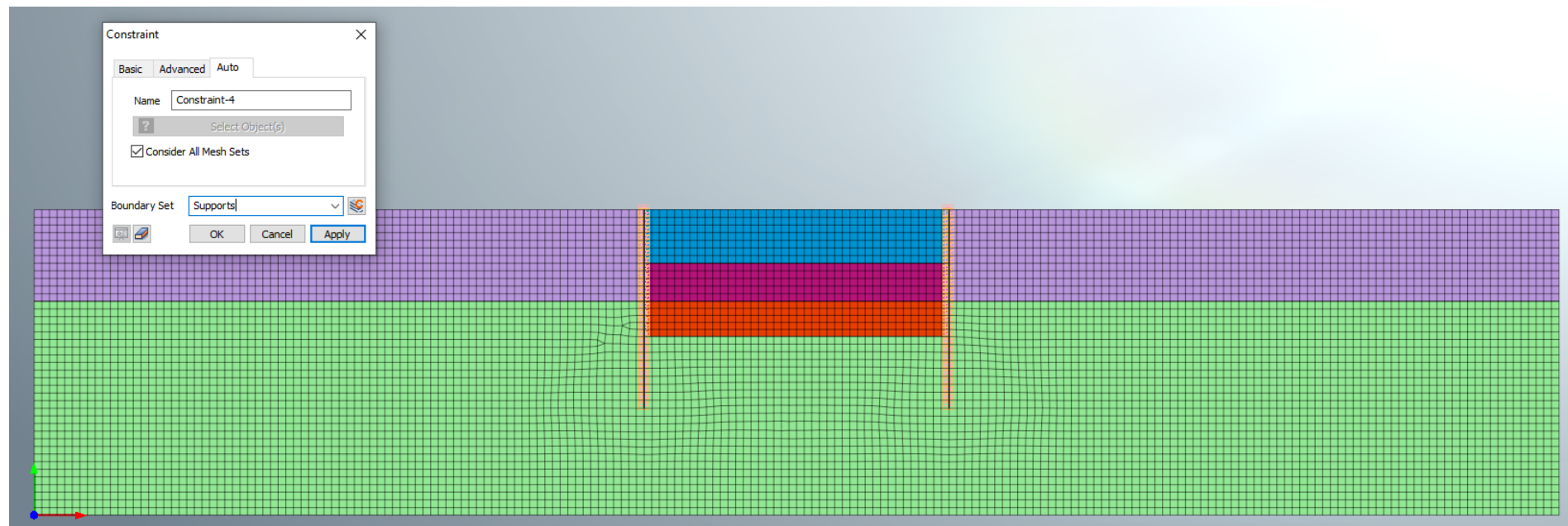
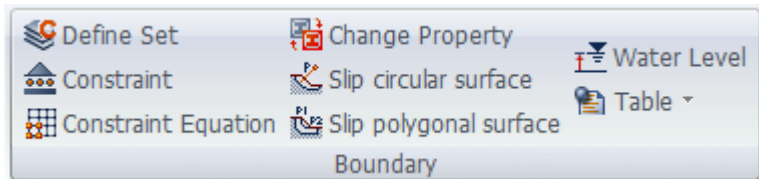
- Show
- Hide
- Show Only
- Hide Only
- Show <-> Hide
- Include/Exclude Elements & Nodes
- Display Mode
- Display
- Transparency
- Shrink...
- Delete
- Rename (F2)

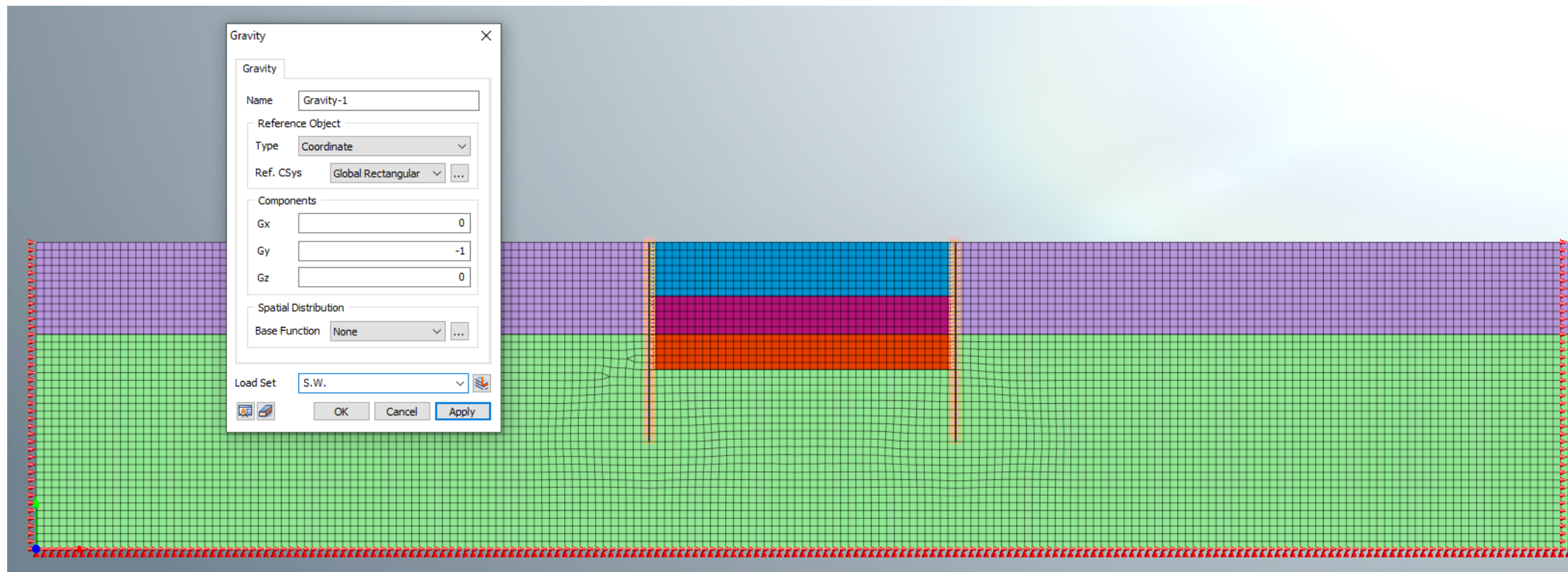
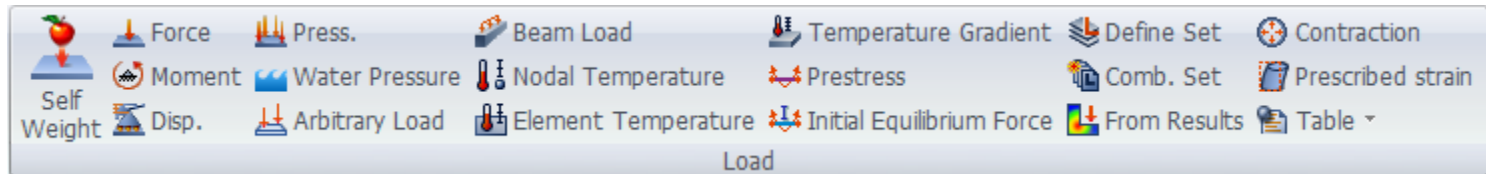
- Node
- Display Node ID
- Display Element ID
- Nodal CSys
- Element CSys
- Material CSys
- Hide All Labels

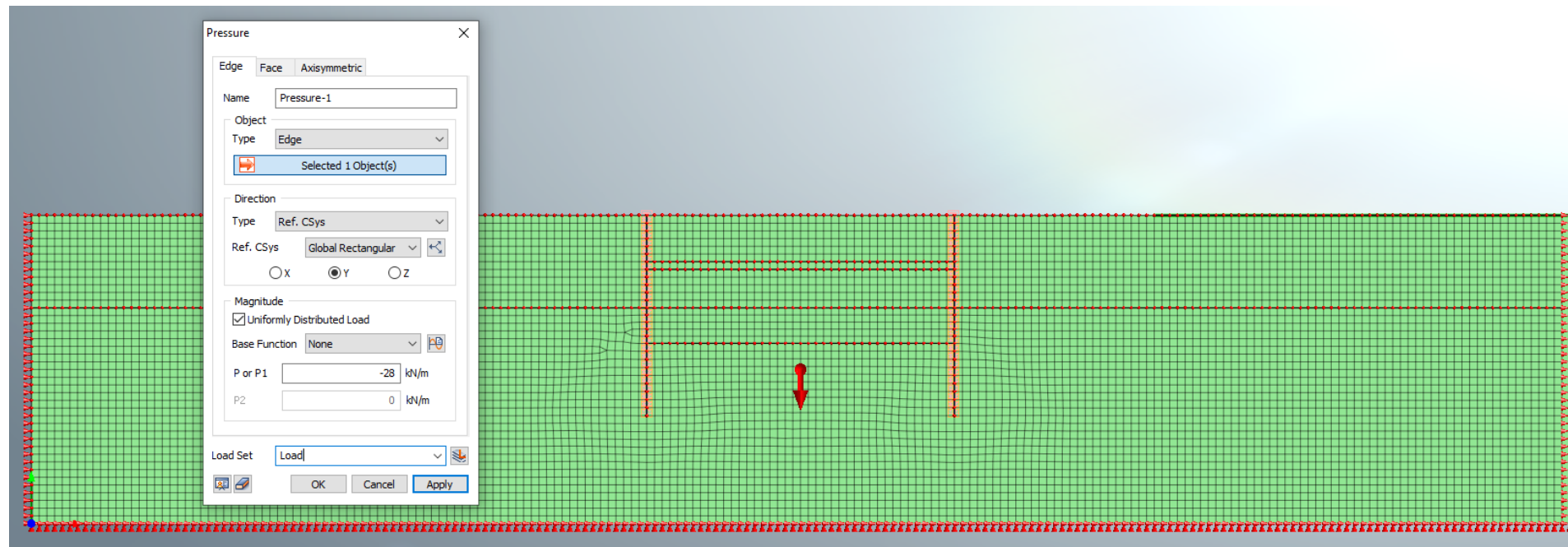
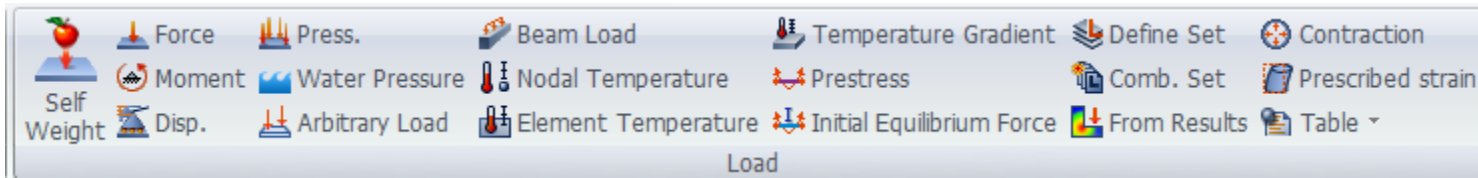
Properties	
Mesh Set	
ID	
Name	Sheet pile
Color	A0C0FF
Element Count	52
Node Count	54
Property	3 : Sheet pile

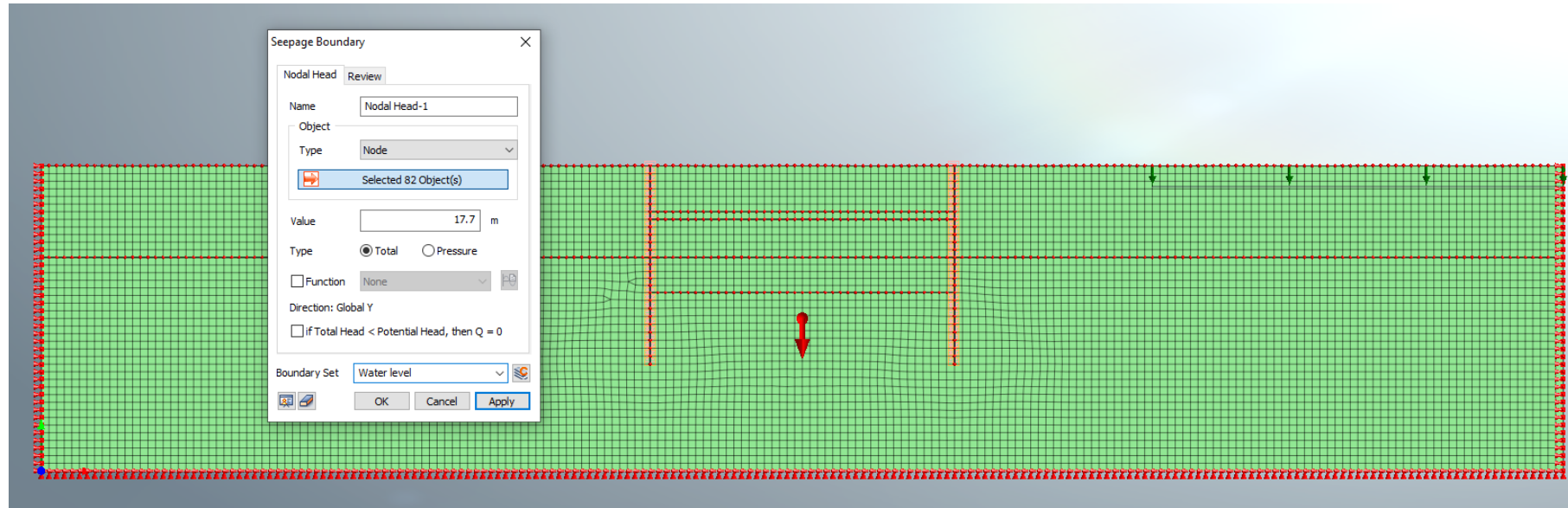
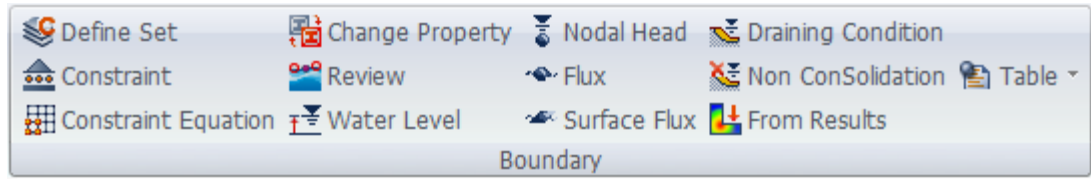






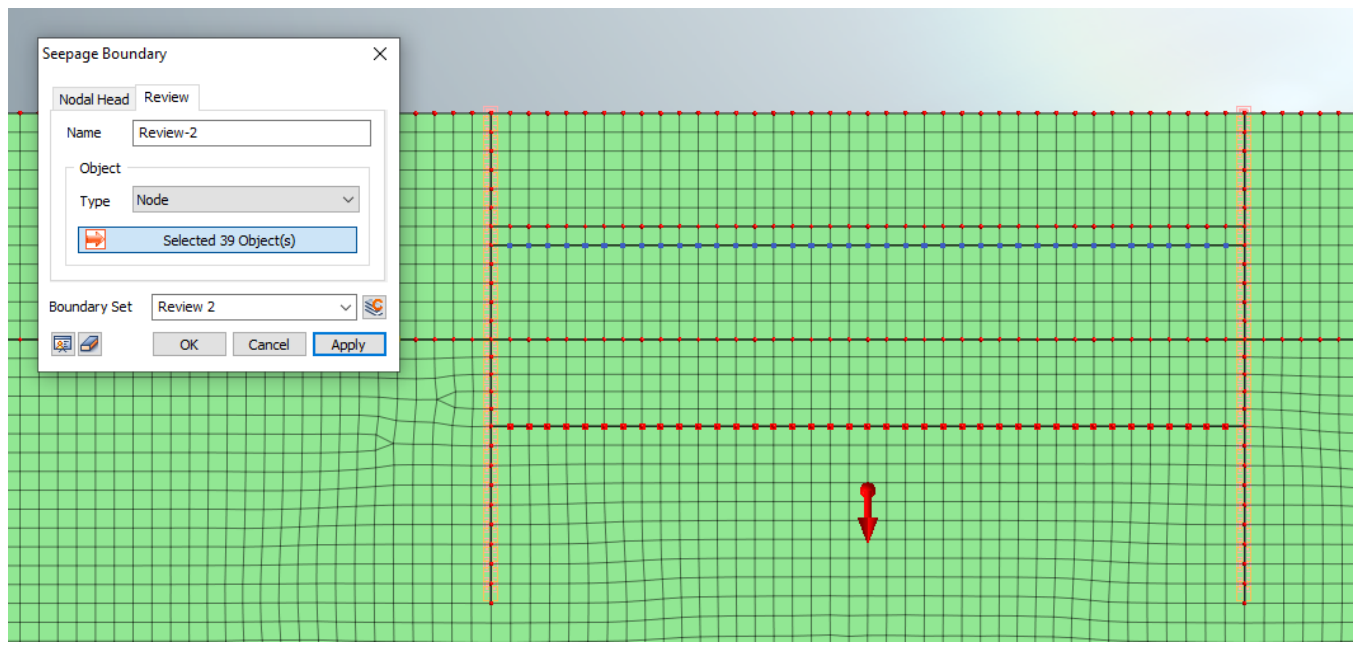
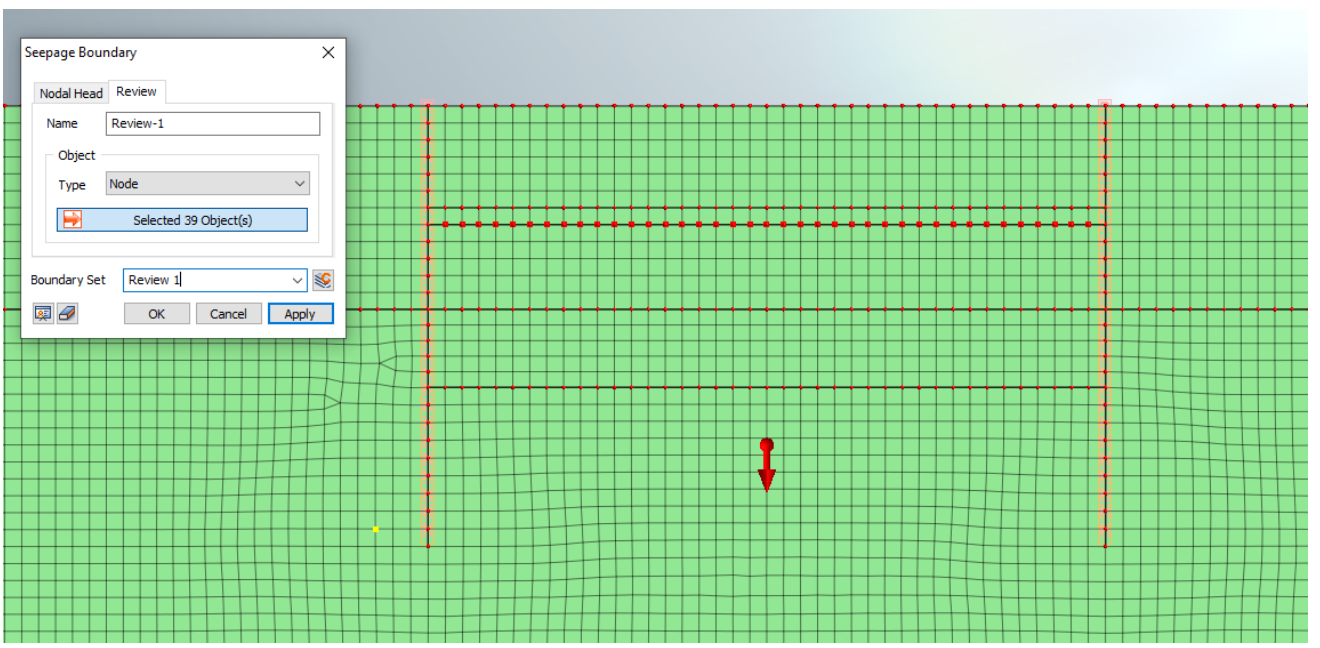







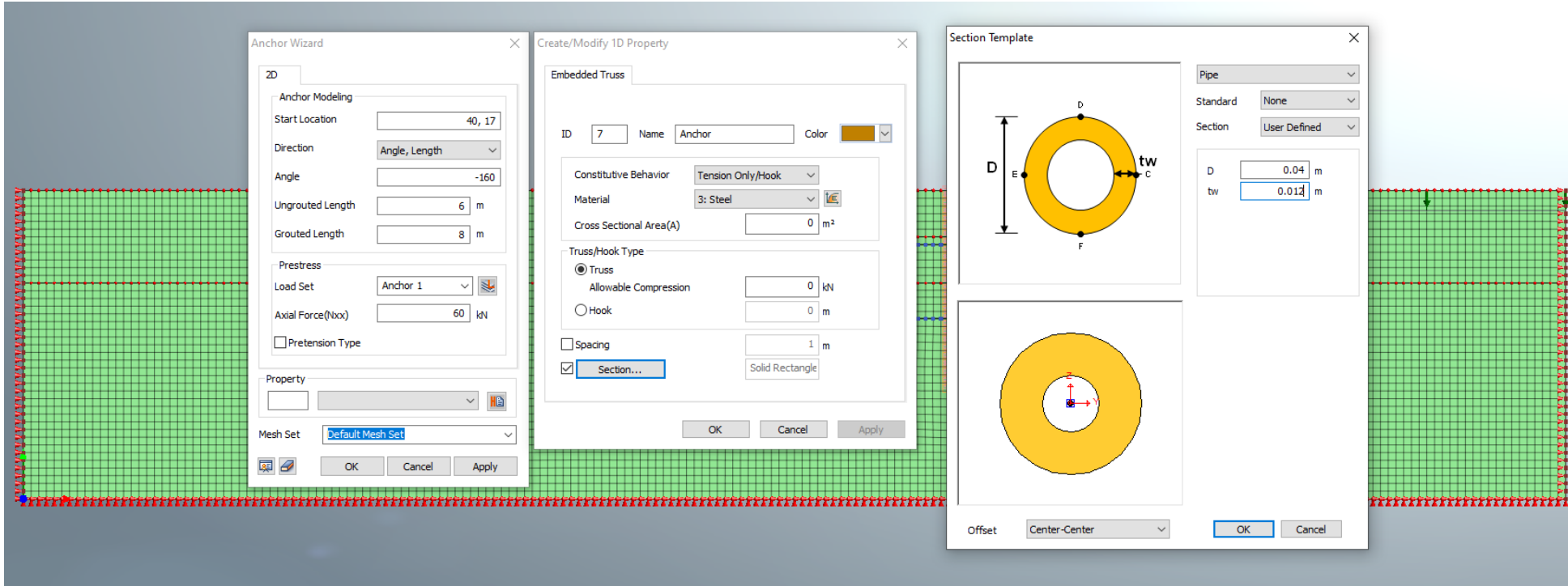


Define Set    Change Property    Nodal Head    Draining Condition  
 Constraint    Review    Flux    Non ConSolidation    Table ▾  
 Constraint Equation    Water Level    Surface Flux    From Results

Boundary



-  Tunnel Modeling
-  Anchor Modeling
-  Soil Test
- Wizard



### Anchor Wizard

**2D**

**Anchor Modeling**

Start Location:

Direction:

Angle:

UngROUTed Length:  m

Grouted Length:  m

**Prestress**

Load Set:

Axial Force(Nbx):  kN

Pretension Type

**Property**

Mesh Set:

OK Cancel Apply

### Create/Modify 1D Property

**Embedded Truss**

ID:  Name:  Color:

Constitutive Behavior:

Material:

Cross Sectional Area(A):  m<sup>2</sup>

**Truss/Hook Type**

Truss

Allowable Compression:  kN

Hook

m

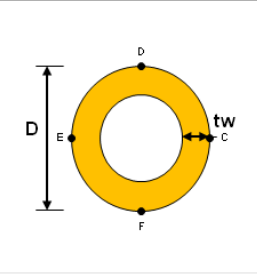
Spacing

m

Section...

OK Cancel Apply

### Section Template



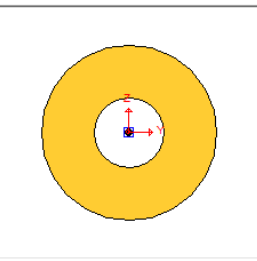
Pipe:

Standard:

Section:

D:  m

tw:  m



Offset:

OK Cancel

Anchor Wizard

2D

Anchor Modeling

Start Location

Direction

Angle

Ungrouted Length  m

Grouted Length  m

Prestress

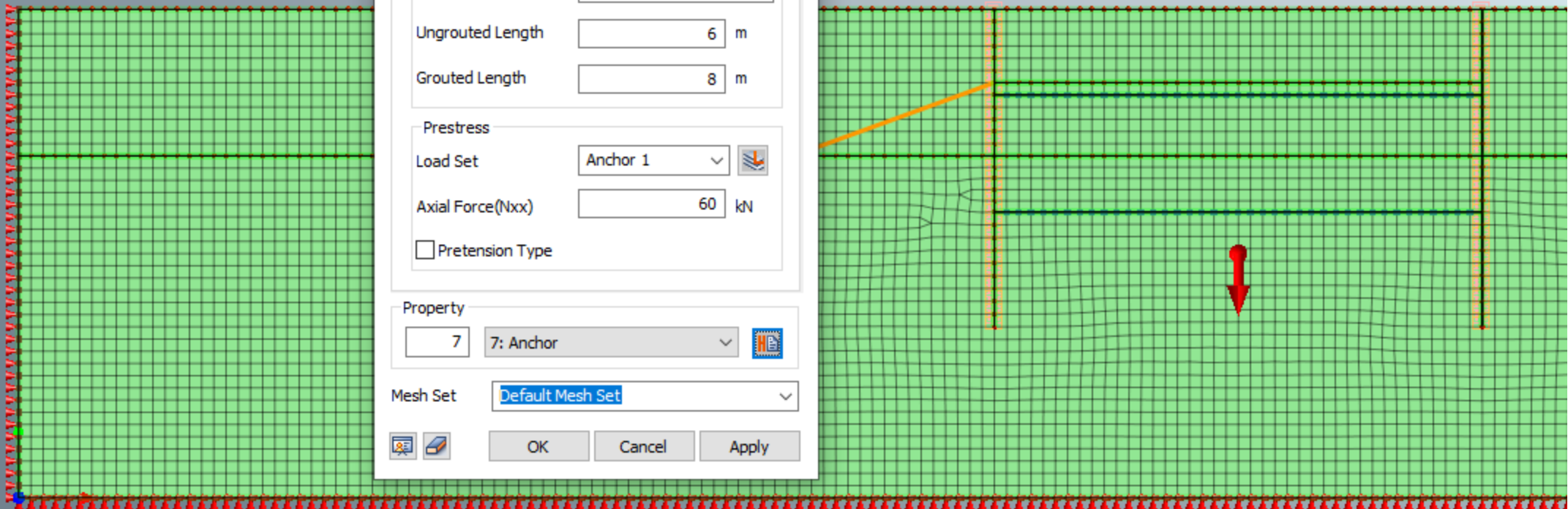
Load Set

Axial Force(Nxx)  kN

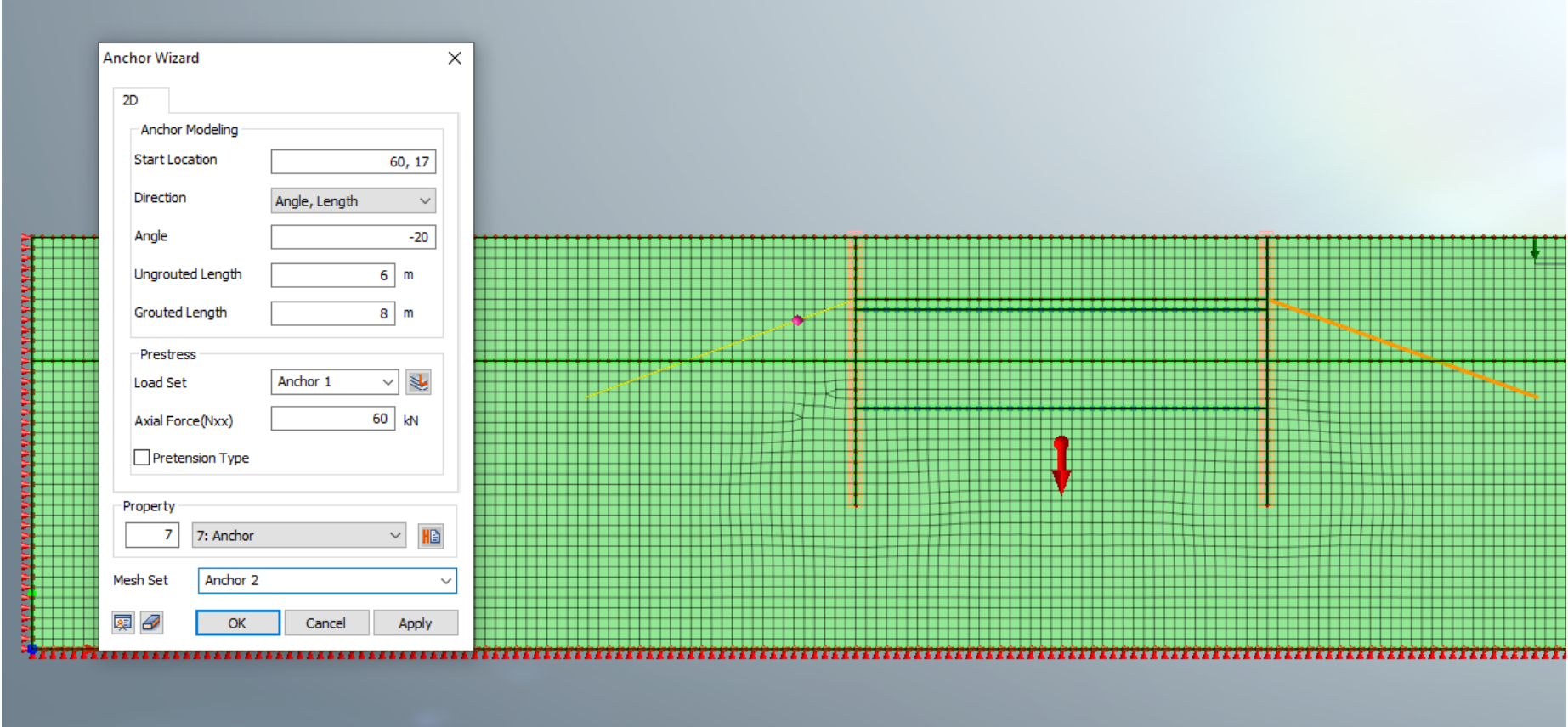
Pretension Type

Property

Mesh Set









Stage Set
 Simulate Stage
 Volume Data Export  
 Stage Wizard
 Auto Set
 Partial Factor

Construction Stage

Partial Factor ✕

Name

Partial Factor **Material** Loads

Import Database

Eurocode 7 - DA1, C2

Material Parameters

Cohesion (c)

Frictional Angle ( $\Phi$ )

Undrained Cohesion (Su)

Permanent Load

Favorable

Unfavorable

Variable Load

Favorable

Unfavorable

Name	Material	Loads

Partial Factor ✕

Name

Partial Factor **Material** Loads

Ground Material/Structural Property

Material	
1	1: Soil 1
*	2: Soil 2
+	

Partial Factor

Parameter	Original	Factored	
Cohesion (c)	1	0.8	kN/m <sup>2</sup>
Frictional Angle ( $\Phi$ )	32	26.5603	[deg]
Inc. of Cohesion	0	0	kN/m <sup>3</sup>

Name	Material	Loads

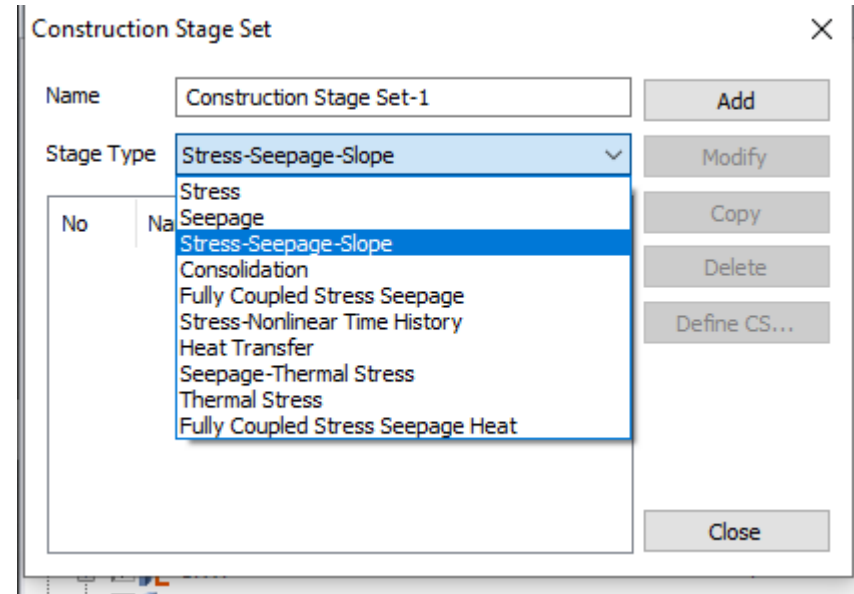
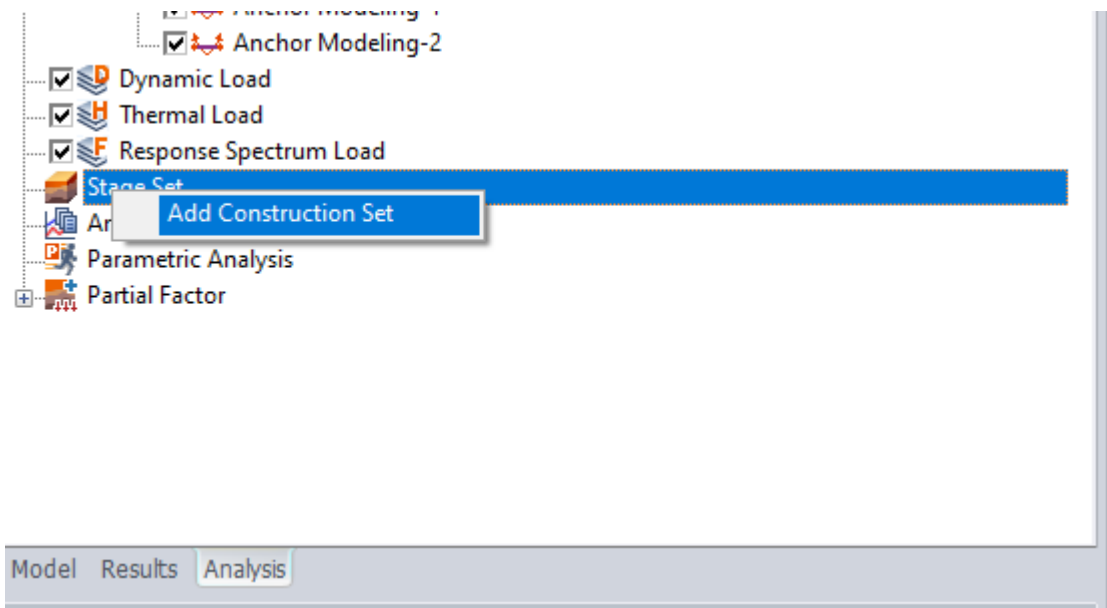
Partial Factor ✕

Name

Partial Factor **Material** Loads

Loads		Factor
*	2: Load	Permanent-Favor...
+		

Name	Material	Loads



Construction Stage Set

Name:

Stage Type:

No	Name	Type
1	Construction Stage Set-1	Stress-Seep...

Model Results Analysis

Properties

General

- Load 2
- Anchor 1 3
  - Prestress
  - Anchor Modeling-1
  - Anchor Modeling-2
- Dynamic Load
- Thermal Load
- Response Spectrum Load
- Stage Set
- Analysis Case
- Parametric Analysis
- Partial Factor

Define Construction Stage

Construction Stage Set Name:

Stage ID:

Stage Name:

Stage Type:

Set Data	Activated Data	Deactivated Data
<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Mesh               <ul style="list-style-type: none"> <li>Anchor 1</li> <li>Anchor 2</li> <li>Default Mesh Set</li> <li>Rigid Link Mesh</li> <li>Sheet Pile Interface</li> <li>Sheet pile</li> <li>Soil 1</li> <li>Soil 1 stage 1</li> <li>Soil 1 stage 2</li> <li>Soil 2</li> <li>Soil 2 stage 2</li> </ul> </li> <li><input type="checkbox"/> Boundary Condition               <ul style="list-style-type: none"> <li>Review 1</li> <li>Review 2</li> <li>Supports</li> <li>Water level</li> </ul> </li> <li><input type="checkbox"/> Static Load               <ul style="list-style-type: none"> <li>Anchor 1</li> <li>Load</li> <li>S.W.</li> </ul> </li> <li><input type="checkbox"/> Contact</li> </ul>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Mesh</li> <li><input checked="" type="checkbox"/> Boundary Condition</li> <li><input checked="" type="checkbox"/> Static Load</li> <li><input checked="" type="checkbox"/> Contact</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Mesh</li> <li><input type="checkbox"/> Boundary Condition</li> <li><input type="checkbox"/> Static Load</li> <li><input type="checkbox"/> Contact</li> </ul>

Sort By:  Show Data:

Define Construction Stage

Construction Stage Set Name: Construction Stage Set-1

Stage ID: 1: Construction Stage-1 Move to Previous Move to Next

Stage Name: Initial - seepage New Insert Delete

Stage Type: Steady-State

Analysis Control...  
 Output Control...

Set Data	Activated Data	Deactivated Data
<ul style="list-style-type: none"> <li>Mesh           <ul style="list-style-type: none"> <li>Anchor 1</li> <li>Anchor 2</li> <li>Default Mesh Set</li> <li>Rigid Link Mesh</li> <li>Sheet Pile Interface</li> <li>Sheet pile</li> <li>Soil 1</li> <li>Soil 1 stage 1</li> <li>Soil 1 stage 2</li> <li>Soil 2</li> <li>Soil 2 stage 2</li> </ul> </li> <li>Boundary Condition</li> <li>Review 1</li> <li>Review 2</li> <li>Supports</li> <li>Water level</li> <li>Contact</li> </ul>	<ul style="list-style-type: none"> <li>Mesh           <ul style="list-style-type: none"> <li>Soil 1</li> <li>Soil 1 stage 1</li> <li>Soil 1 stage 2</li> <li>Soil 2</li> <li>Soil 2 stage 2</li> <li>Rigid Link Mesh</li> </ul> </li> <li>Boundary Condition</li> <li>Supports</li> <li>Water level</li> <li>Contact</li> </ul>	<ul style="list-style-type: none"> <li>Mesh           <ul style="list-style-type: none"> <li>Boundary Condition</li> <li>Contact</li> </ul> </li> </ul>

Sort By: Name Show Data Activate Save Close

Define Construction Stage

Construction Stage Set Name: Construction Stage Set-1

Stage ID: 2: Initial - stress Move to Previous Move to Next

Stage Name: Initial - stress New Insert Delete

Stage Type: Stress

Analysis Control...  
 Output Control...  
 Sub Stage...  
 LDF...  
 Clear Displacement  
 Slope Stability(SRM)  
 Slope Stability(SAM)

Set Data	Activated Data	Deactivated Data
<ul style="list-style-type: none"> <li>Mesh           <ul style="list-style-type: none"> <li>Anchor 1</li> <li>Anchor 2</li> <li>Default Mesh Set</li> <li>Rigid Link Mesh</li> <li>Sheet Pile Interface</li> <li>Sheet pile</li> <li>Soil 1</li> <li>Soil 1 stage 1</li> <li>Soil 1 stage 2</li> <li>Soil 2</li> <li>Soil 2 stage 2</li> </ul> </li> <li>Boundary Condition</li> <li>Review 1</li> <li>Review 2</li> <li>Supports</li> <li>Water level</li> <li>Static Load</li> <li>Anchor 1</li> <li>Load</li> <li>S.W.</li> <li>Contact</li> </ul>	<ul style="list-style-type: none"> <li>Mesh           <ul style="list-style-type: none"> <li>Boundary Condition</li> <li>Static Load</li> <li>S.W.</li> <li>Contact</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Mesh           <ul style="list-style-type: none"> <li>Boundary Condition</li> <li>Static Load</li> <li>Contact</li> </ul> </li> </ul>

Sort By: Name Show Data Activate Save Close

Define Construction Stage

Construction Stage Set Name: Construction Stage Set-1

Stage ID: 3: Surcharge  
 Stage Name: Surcharge  
 Stage Type: Stress

Buttons: Move to Previous, Move to Next, New, Insert, Delete

Analysis Control...  
 Output Control...  
 Sub Stage...  
 LDF...

Clear Displacement  
 Slope Stability(SRM)  
 Slope Stability(SAM)

Set Data	Activated Data	Deactivated Data
<ul style="list-style-type: none"> <li>Mesh</li> <li>Anchor 1</li> <li>Anchor 2</li> <li>Default Mesh Set</li> <li>Rigid Link Mesh</li> <li>Sheet Pile Interface</li> <li>Sheet pile</li> <li>Soil 1</li> <li>Soil 1 stage 1</li> <li>Soil 1 stage 2</li> <li>Soil 2</li> <li>Soil 2 stage 2</li> <li>Boundary Condition</li> <li>Review 1</li> <li>Review 2</li> <li>Supports</li> <li>Water level</li> <li>Static Load</li> <li>Anchor 1</li> <li>Load</li> <li>S.W.</li> <li>Contact</li> </ul>	<ul style="list-style-type: none"> <li>Mesh</li> <li>Boundary Condition</li> <li>Static Load</li> <li>Load</li> <li>Contact</li> </ul>	<ul style="list-style-type: none"> <li>Mesh</li> <li>Boundary Condition</li> <li>Static Load</li> <li>Contact</li> </ul>

Sort By: Name | Show Data: Activate

Buttons: Save, Close

Define Construction Stage

Construction Stage Set Name: Construction Stage Set-1

Stage ID: 4: Sheet pile  
 Stage Name: Sheet pile  
 Stage Type: Stress

Buttons: Move to Previous, Move to Next, New, Insert, Delete

Analysis Control...  
 Output Control...  
 Sub Stage...  
 LDF...

Clear Displacement  
 Slope Stability(SRM)  
 Slope Stability(SAM)

Set Data	Activated Data	Deactivated Data
<ul style="list-style-type: none"> <li>Mesh</li> <li>Anchor 1</li> <li>Anchor 2</li> <li>Default Mesh Set</li> <li>Rigid Link Mesh</li> <li>Sheet Pile Interface</li> <li>Sheet pile</li> <li>Soil 1</li> <li>Soil 1 stage 1</li> <li>Soil 1 stage 2</li> <li>Soil 2</li> <li>Soil 2 stage 2</li> <li>Boundary Condition</li> <li>Review 1</li> <li>Review 2</li> <li>Supports</li> <li>Water level</li> <li>Static Load</li> <li>Anchor 1</li> <li>Load</li> <li>S.W.</li> <li>Contact</li> </ul>	<ul style="list-style-type: none"> <li>Mesh</li> <li>Sheet Pile Interface</li> <li>Sheet pile</li> <li>Boundary Condition</li> <li>Static Load</li> <li>Contact</li> </ul>	<ul style="list-style-type: none"> <li>Mesh</li> <li>Rigid Link Mesh</li> <li>Boundary Condition</li> <li>Static Load</li> <li>Contact</li> </ul>

Sort By: Name | Show Data: Activate

Buttons: Save, Close

### Define Construction Stage

Construction Stage Set Name: Construction Stage Set-1

Stage ID: 5; Excavation 1 seepage  
 Stage Name: Excavation 1 seepage  
 Stage Type: Steady-State

Buttons: Move to Previous, Move to Next, New, Insert, Delete

Analysis Control...  
Output Control...

Set Data	Activated Data	Deactivated Data
<ul style="list-style-type: none"> <li>Mesh</li> <li>Anchor 1</li> <li>Anchor 2</li> <li>Default Mesh Set</li> <li>Rigid Link Mesh</li> <li>Sheet Pile Interface</li> <li>Sheet pile</li> <li>Soil 1</li> <li>Soil 1 stage 1</li> <li>Soil 1 stage 2</li> <li>Soil 2</li> <li>Soil 2 stage 2</li> <li>Boundary Condition</li> <li>Review 1</li> <li>Review 2</li> <li>Supports</li> <li>Water level</li> <li>Contact</li> </ul>	<ul style="list-style-type: none"> <li>Mesh</li> <li>Boundary Condition</li> <li>Review 1</li> <li>Contact</li> </ul>	<ul style="list-style-type: none"> <li>Mesh</li> <li>Soil 1 stage 1</li> <li>Boundary Condition</li> <li>Contact</li> </ul>

Sort By: Name | Show Data | Activate

Buttons: Save, Close

### Define Construction Stage

Construction Stage Set Name: Construction Stage Set-1

Stage ID: 6; Construction Stage-1  
 Stage Name: Excavation 1 stress  
 Stage Type: Stress

Buttons: Move to Previous, Move to Next, New, Insert, Delete

Analysis Control...  
Output Control...  
Sub Stage...  
LDF...  
Clear Displacement  
Slope Stability(SRM)  
Slope Stability(SAM)

Set Data	Activated Data	Deactivated Data
<ul style="list-style-type: none"> <li>Mesh</li> <li>Anchor 1</li> <li>Anchor 2</li> <li>Default Mesh Set</li> <li>Rigid Link Mesh</li> <li>Sheet Pile Interface</li> <li>Sheet pile</li> <li>Soil 1</li> <li>Soil 1 stage 1</li> <li>Soil 1 stage 2</li> <li>Soil 2</li> <li>Soil 2 stage 2</li> <li>Boundary Condition</li> <li>Review 1</li> <li>Review 2</li> <li>Supports</li> <li>Water level</li> <li>Static Load</li> <li>Anchor 1</li> <li>Load</li> <li>S.W.</li> <li>Contact</li> </ul>	<ul style="list-style-type: none"> <li>Mesh</li> <li>Boundary Condition</li> <li>Static Load</li> <li>Contact</li> </ul>	<ul style="list-style-type: none"> <li>Mesh</li> <li>Boundary Condition</li> <li>Static Load</li> <li>Contact</li> </ul>

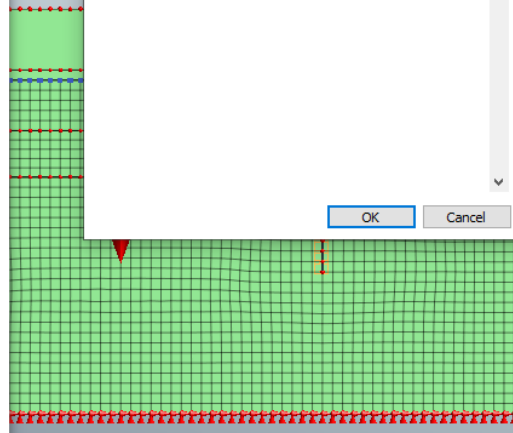
Sort By: Name | Show Data | Activate

Buttons: Save, Close

### Sub Stage

	Name	Partial Factor
*	ULS	ULS
+		

Buttons: OK, Cancel



Define Construction Stage

Construction Stage Set Name: Construction Stage Set-1

Stage ID: 6: Excavation 1 stress

Stage Name: Excavation 1 stress

Stage Type: Stress

Buttons: Move to Previous, Move to Next, New, Insert, Delete

Sub Stage... (checked)

Analysis Control... (unchecked)

Output Control... (unchecked)

LDF... (unchecked)

Clear Displacement (unchecked)

Slope Stability(SRM) (unchecked)

Slope Stability(SAM) (unchecked)

Set Data

- Mesh: Anchor 1, Anchor 2, Default Mesh Set, Rigid Link Mesh, Sheet Pile Interface, Sheet pile, Soil 1, Soil 1 stage 1, Soil 1 stage 2, Soil 2, Soil 2 stage 2
- Boundary Condition: Review 1, Review 2, Supports
- Water level
- Static Load: Anchor 1, Load, S.W.
- Contact

Activated Data

- Mesh: Boundary Condition, Static Load, Contact

Deactivated Data

- Mesh: Boundary Condition, Static Load, Contact

Sort By: Name

Show Data: Activate

Save Close

Define Construction Stage

Construction Stage Set Name: Construction Stage Set-1

Stage ID: 7: Construction Stage-1

Stage Name: Anchor

Stage Type: Stress

Buttons: Move to Previous, Move to Next, New, Insert, Delete

Sub Stage... (checked)

Analysis Control... (unchecked)

Output Control... (unchecked)

LDF... (unchecked)

Clear Displacement (unchecked)

Slope Stability(SRM) (unchecked)

Slope Stability(SAM) (unchecked)

Set Data

- Mesh: Anchor 1, Anchor 2, Default Mesh Set, Rigid Link Mesh, Sheet Pile Interface, Sheet pile, Soil 1, Soil 1 stage 1, Soil 1 stage 2, Soil 2, Soil 2 stage 2
- Boundary Condition: Review 1, Review 2, Supports
- Water level
- Static Load: Anchor 1, Load, S.W.
- Contact

Activated Data

- Mesh: Anchor 1, Anchor 2, Boundary Condition, Static Load, Contact

Deactivated Data

- Mesh: Boundary Condition, Static Load, Contact

Sort By: Name

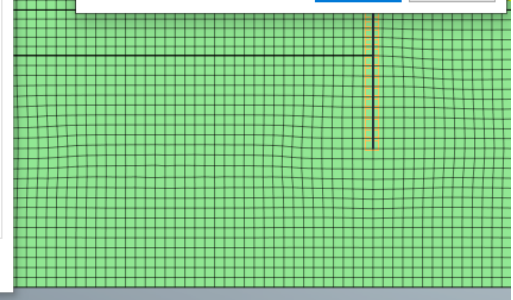
Show Data: Activate

Save Close

Sub Stage

Name	Partial Factor
* ULS	ULS
+	

OK Cancel



Define Construction Stage

Construction Stage Set Name: Construction Stage Set-1

Stage ID: 8: Excavation 2 seepage

Stage Name: Excavation 2 seepage

Stage Type: Steady-State

Buttons: Move to Previous, Move to Next, New, Insert, Delete, Analysis Control..., Output Control...

Set Data	Activated Data	Deactivated Data
<ul style="list-style-type: none"> <li>Mesh</li> <li>Anchor 1</li> <li>Anchor 2</li> <li>Default Mesh Set</li> <li>Rigid Link Mesh</li> <li>Sheet Pile Interface</li> <li>Sheet pile</li> <li>Soil 1</li> <li>Soil 1 stage 1</li> <li>Soil 1 stage 2</li> <li>Soil 2</li> <li>Soil 2 stage 2</li> <li>Boundary Condition</li> <li>Review 1</li> <li>Review 2</li> <li>Supports</li> <li>Water level</li> <li>Contact</li> </ul>	<ul style="list-style-type: none"> <li>Mesh</li> <li>Boundary Condition</li> <li>Review 2</li> <li>Contact</li> </ul>	<ul style="list-style-type: none"> <li>Mesh</li> <li>Soil 1 stage 2</li> <li>Soil 2 stage 2</li> <li>Boundary Condition</li> <li>Review 1</li> <li>Contact</li> </ul>

Sort By: Name | Show Data: Activate | Save | Close

Define Construction Stage

Construction Stage Set Name: Construction Stage Set-1

Stage ID: 9: Excavation 2 stress

Stage Name: Excavation 2 stress

Stage Type: Stress

Buttons: Move to Previous, Move to Next, New, Insert, Delete, Analysis Control..., Output Control..., Sub Stage..., LDF..., Clear Displacement, Slope Stability(SRM), Slope Stability(SAM)

Set Data	Activated Data	Deactivated Data
<ul style="list-style-type: none"> <li>Mesh</li> <li>Anchor 1</li> <li>Anchor 2</li> <li>Default Mesh Set</li> <li>Rigid Link Mesh</li> <li>Sheet Pile Interface</li> <li>Sheet pile</li> <li>Soil 1</li> <li>Soil 1 stage 1</li> <li>Soil 1 stage 2</li> <li>Soil 2</li> <li>Soil 2 stage 2</li> <li>Boundary Condition</li> <li>Review 1</li> <li>Review 2</li> <li>Supports</li> <li>Water level</li> <li>Static Load</li> <li>Anchor 1</li> <li>Load</li> <li>S.W.</li> <li>Contact</li> </ul>	<ul style="list-style-type: none"> <li>Mesh</li> <li>Boundary Condition</li> <li>Static Load</li> <li>Contact</li> </ul>	<ul style="list-style-type: none"> <li>Mesh</li> <li>Boundary Condition</li> <li>Static Load</li> <li>Contact</li> </ul>

Sort By: Name | Show Data: Activate | Save | Close



Add/Modify Analysis Case



Analysis Case Setting

Title

Description

Solution Type

Construction Stage Set

Analysis Control

Output Control

Analysis Case Model

All Sets << >> Active Sets

Solve Each Load Set Independently      Sorting