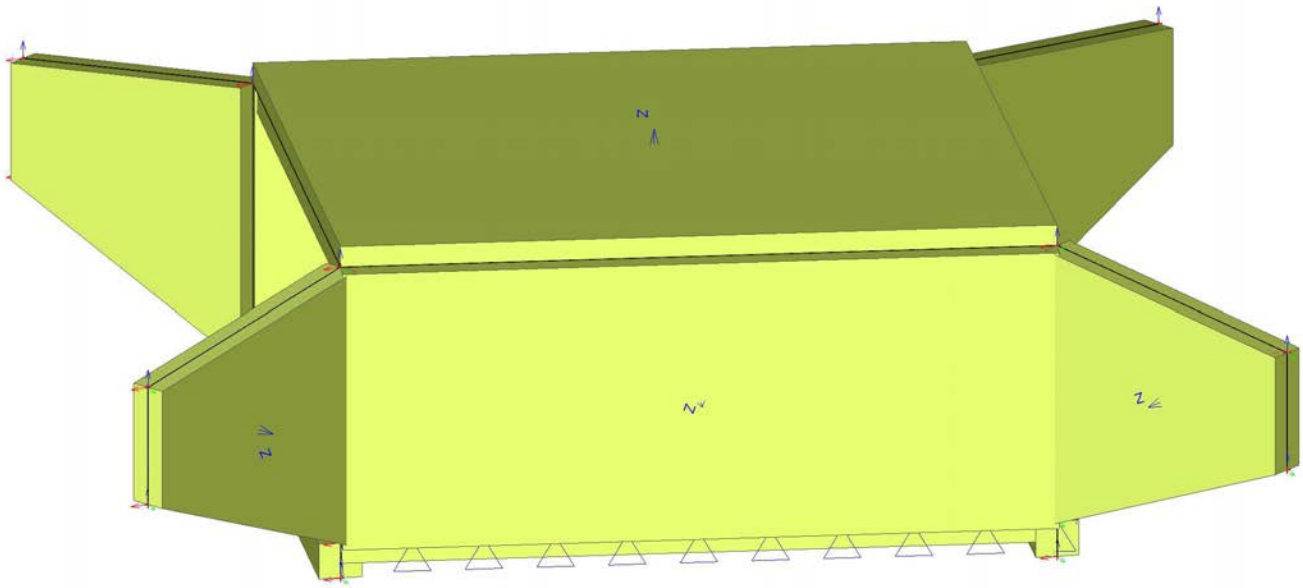
STATIČNI PRERAČUN

prepust Pristava

SP 26/3/1256



Projektant: **Tomaž MAYER, dipl. inž. grad. (UN)**

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2. Model

2.1. Materials

Name	Type	ρ [kg/m³]	Density in fresh state [kg/m³]	E_{mod} [MPa]	μ [-]	α [m/mK]	$f_{c.k.28}$ [MPa]	Colour
C30/37	Concrete	2500,0	2600,0	3,2800e+04	0,20	0,00	30,00	

Explanations of symbols	
Density in fresh state	The value in the density in fresh state property is used only in case a composite deck is input and its self-weight load is taken into account.

Reinforcement EC2

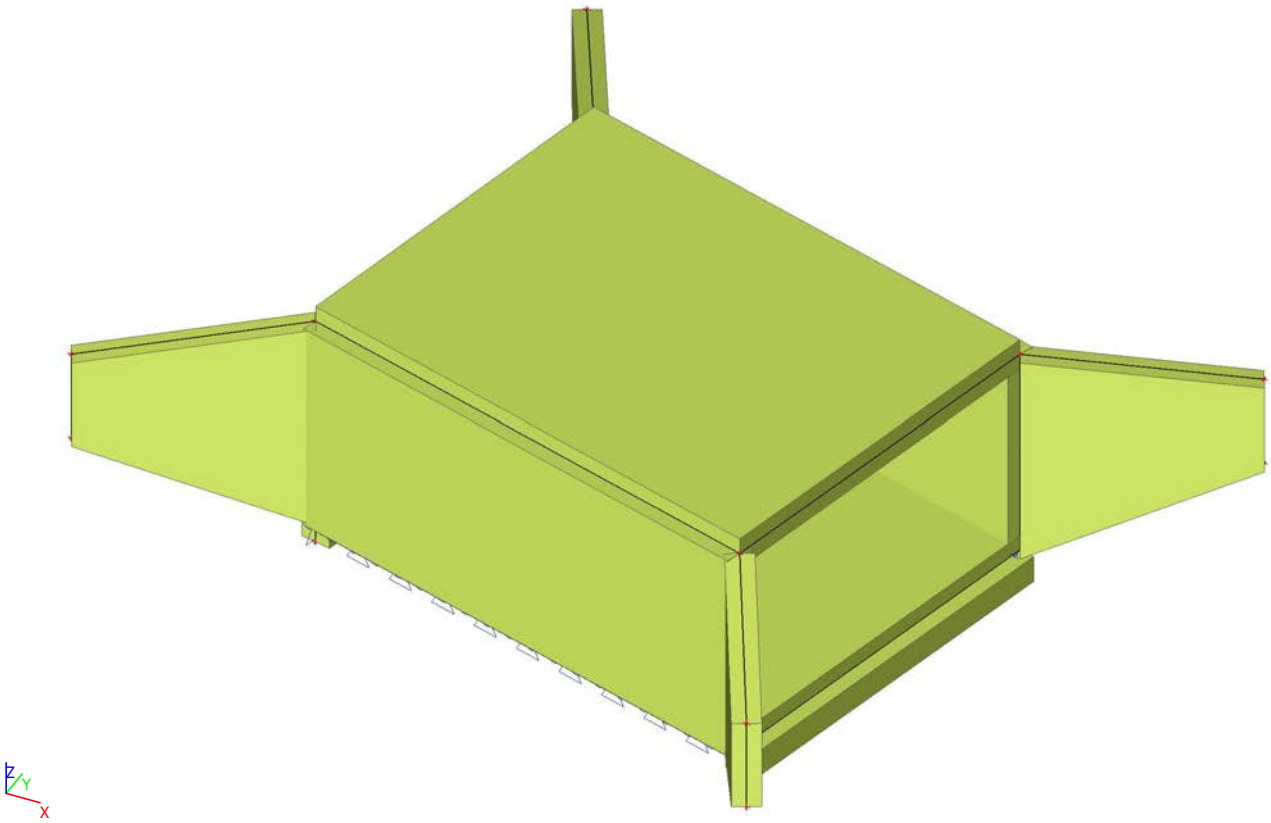
Name	Type	ρ [kg/m³]	E_{mod} [MPa]	G_{mod} [MPa]	α [m/mK]	$f_{y.k}$ [MPa]
B 500B	Reinforcement steel	7850,0	2,0000e+05	8,3333e+04	0,00	500,0

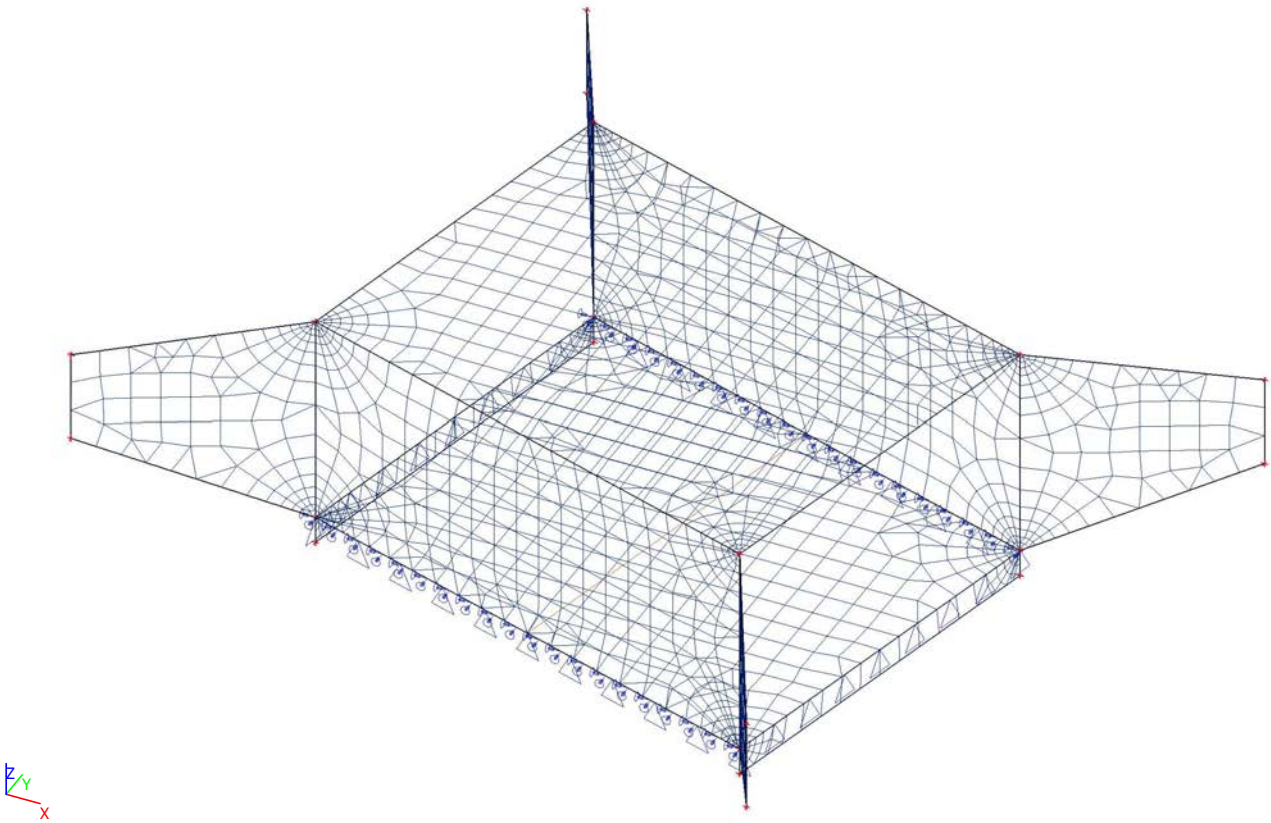
2.2. Subsoils

Name	C1x [MN/m³]	C1z	C1y [MN/m³]	Stiffness [MN/m³]	C2x [MN/m]	C2y [MN/m]
temeljna plošča	1,0000e+00	Flexible	1,0000e+00	5,0000e+01	0,0000e+00	0,0000e+00

2.3. 2D members

Name	Layer	Type	Element type	Material	Thickness type	Th. [mm]
temeljna plošča	konstrukcija	plate (90)	Standard	C30/37	constant	350
levi opornik	konstrukcija	plate (90)	Standard	C30/37	constant	350
desni opornik	konstrukcija	plate (90)	Standard	C30/37	constant	350
premostitvena plošča	konstrukcija	plate (90)	Standard	C30/37	constant	350
GV krilo levo	konstrukcija	plate (90)	Standard	C30/37	constant	300
GV krilo desno	konstrukcija	plate (90)	Standard	C30/37	constant	300
DV krilo levo	konstrukcija	plate (90)	Standard	C30/37	constant	300
DV krilo desno	konstrukcija	plate (90)	Standard	C30/37	constant	300
zob gorvodno	konstrukcija	wall (80)	Standard	C30/37	constant	350
zob dolvodno	konstrukcija	wall (80)	Standard	C30/37	constant	350


Z
Y
X


Z
Y
X

3. Obtežbe

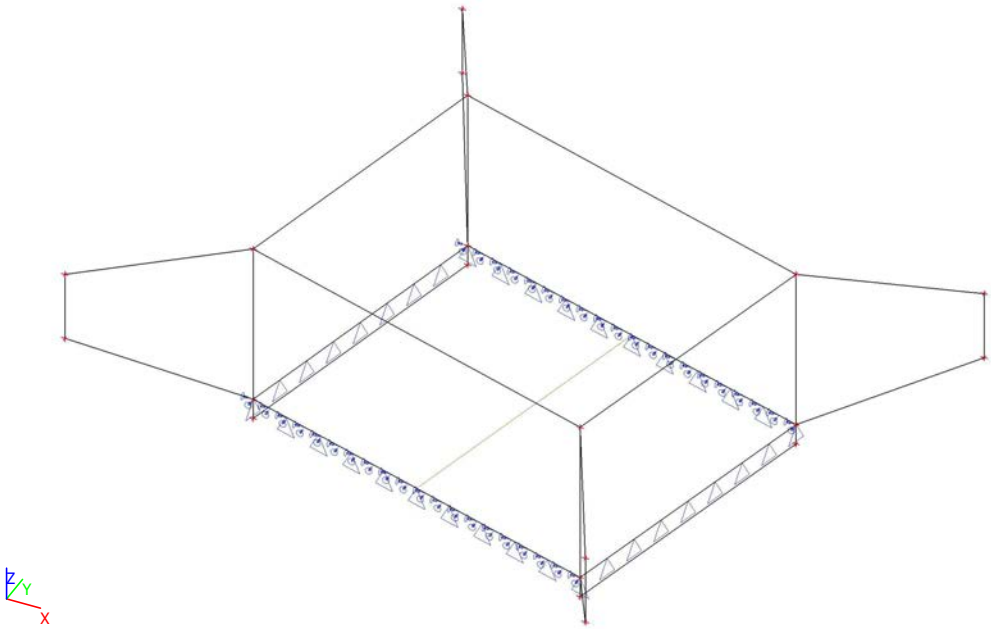
3.1. Load cases

Name	Description	Action type	Load group	Direction	Duration	Master load case
	Spec	Load type				
LC1.1	Lastna teža	Permanent Self weight	stalna	-Z		
LC1.2	Obtežba na krovno ploščo	Permanent Standard	stalna			
LC1.3	obtežba na opornike in krila	Permanent Standard	stalna			
LC1.4	obtežba na temeljno ploščo	Permanent Standard	stalna			
LC2.1.1	prometna obtežba Standard	Variable Static	promet TS		Short	None
LC2.1.2	prometna obtežba Standard	Variable Static	promet TS		Short	None
LC2.1.3	prometna obtežba Standard	Variable Static	promet TS		Short	None
LC2.1.4	prometna obtežba Standard	Variable Static	promet TS		Short	None
LC2.1.5	prometna obtežba Standard	Variable Static	promet TS		Short	None
LC2.1.a	prometna obtežba Standard	Variable Static	promet UDL		Short	None
LC2.1.b	prometna obtežba Standard	Variable Static	promet P		Short	None
LC2.2.1	prometna obtežba Standard	Variable Static	promet TS		Short	None
LC2.2.2	prometna obtežba Standard	Variable Static	promet TS		Short	None
LC2.3.1	prometna obtežba Standard	Variable Static	promet horizontalna		Short	None
LC2.3.2	prometna obtežba Standard	Variable Static	promet horizontalna		Short	None
LC2.4	reologija - krčenje Temperature	Variable Static	reologija			None
LC2.5.1	delta T+ Temperature	Variable Static	temperatura			None
LC2.5.2	delta T- Temperature	Variable Static	temperatura			None
LC2.5.3	diff Tzg+ Temperature	Variable Static	temperatura			None
LC2.5.4	diff Tsp+ Temperature	Variable Static	temperatura			None

3.2. Load cases

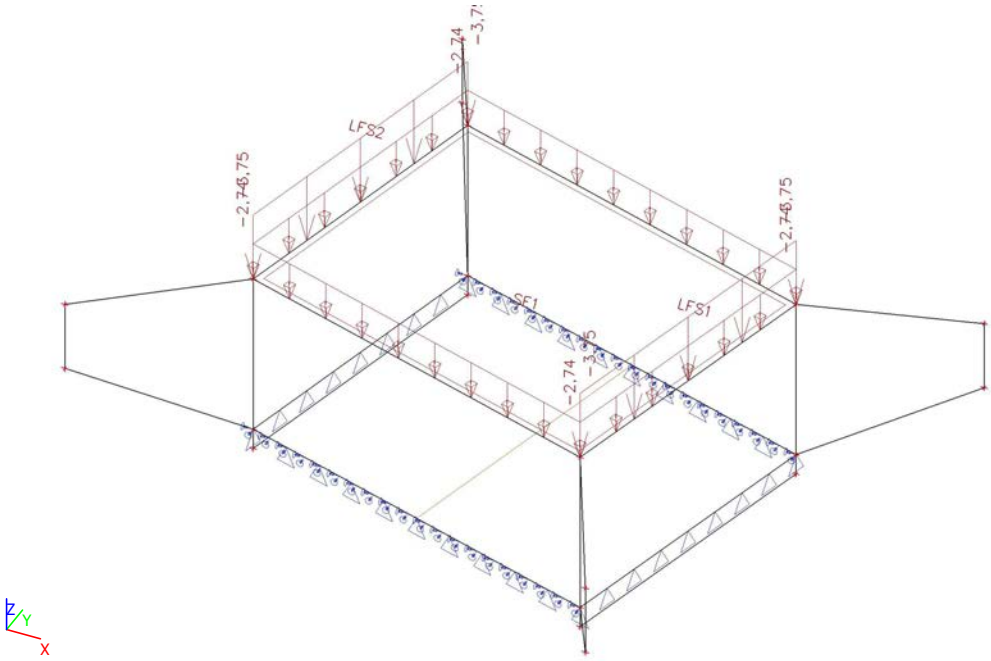
3.2.1. Load cases - LC1.1

Name	Description	Action type	Load group	Direction
	Spec	Load type		
LC1.1	Lastna teža	Permanent	stalna	-Z
		Self weight		



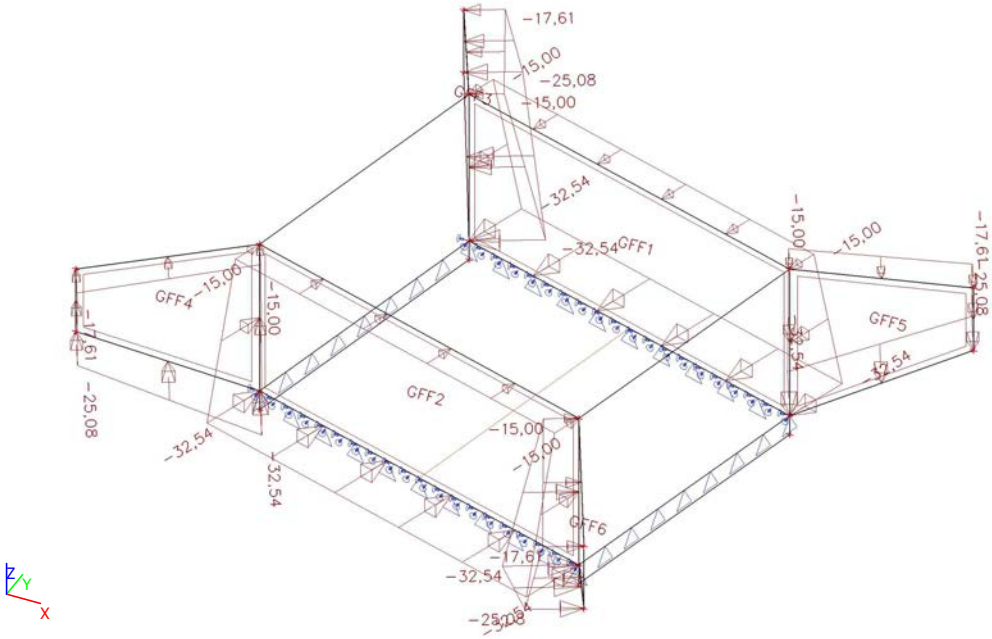
3.2.2. Load cases - LC1.2

Name	Description	Action type	Load group
	Spec	Load type	
LC1.2	Obtežba na krovno ploščo	Permanent	stalna
		Standard	



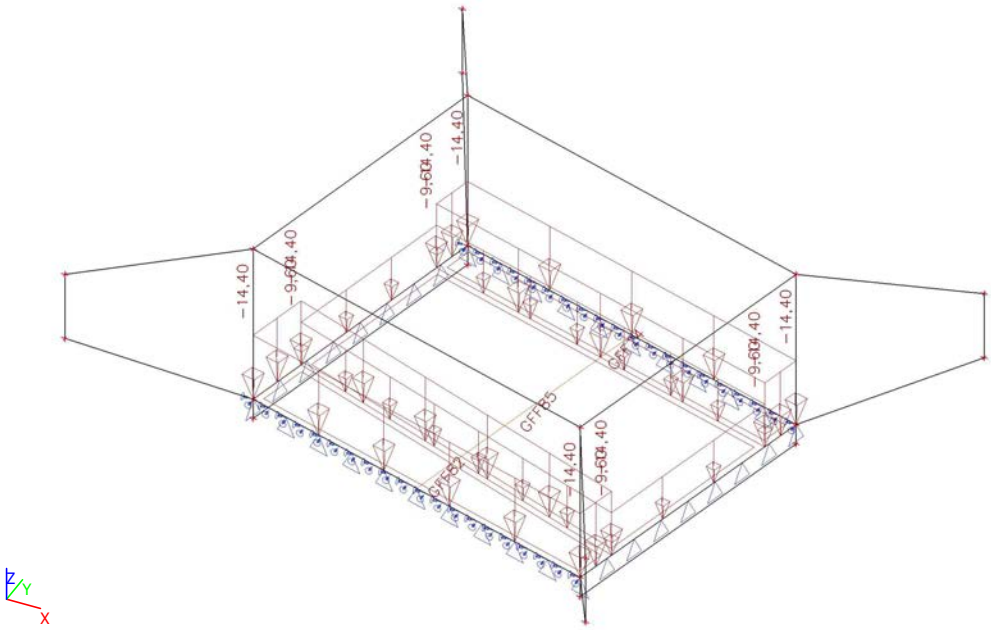
3.2.3. Load cases - LC1.3

Name	Description	Action type	Load group
	Spec	Load type	
LC1.3	obtežba na opornike in krila	Permanent	stalna
		Standard	



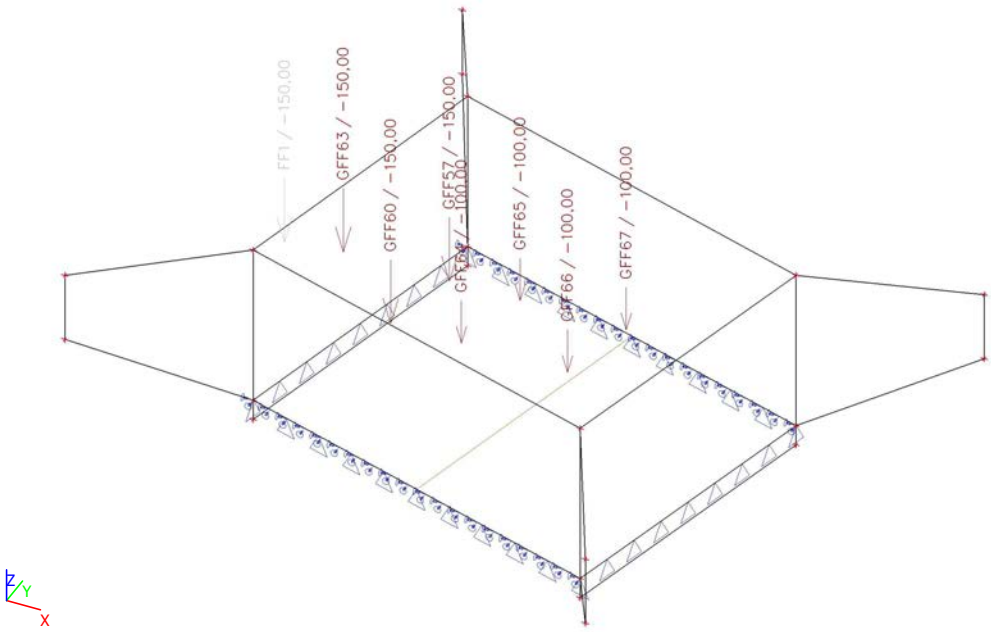
3.2.4. Load cases - LC1.4

Name	Description	Action type	Load group
	Spec	Load type	
LC1.4	obtežba na temeljno ploščo	Permanent	stalna
		Standard	



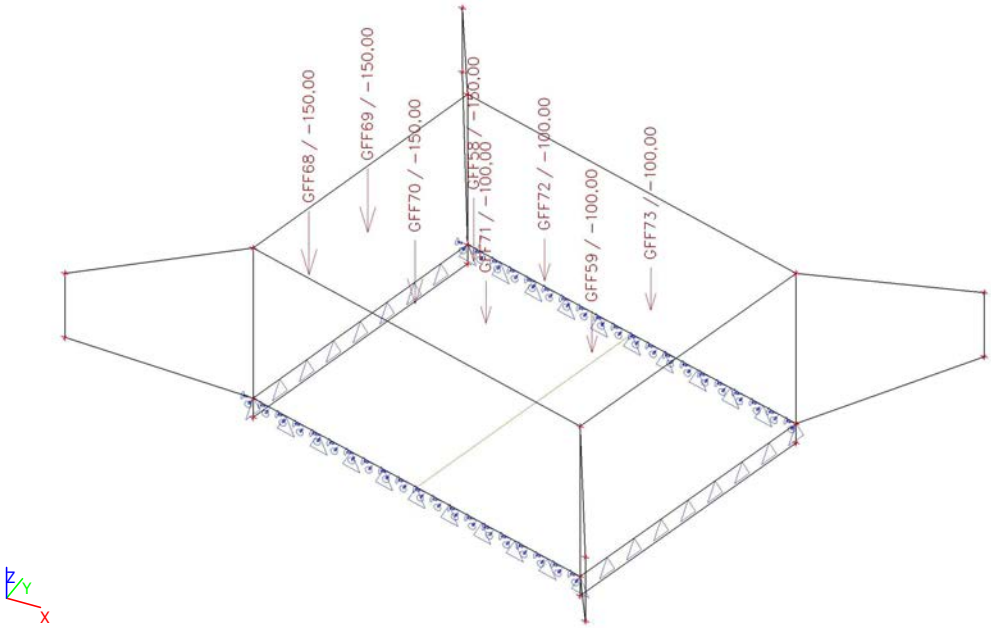
3.2.5. Load cases - LC2.1.1

Name	Description	Action type	Load group	Duration	Master load case
	Spec	Load type			
LC2.1.1	prometna obtežba	Variable	promet TS	Short	None
	Standard	Static			



3.2.6. Load cases - LC2.1.2

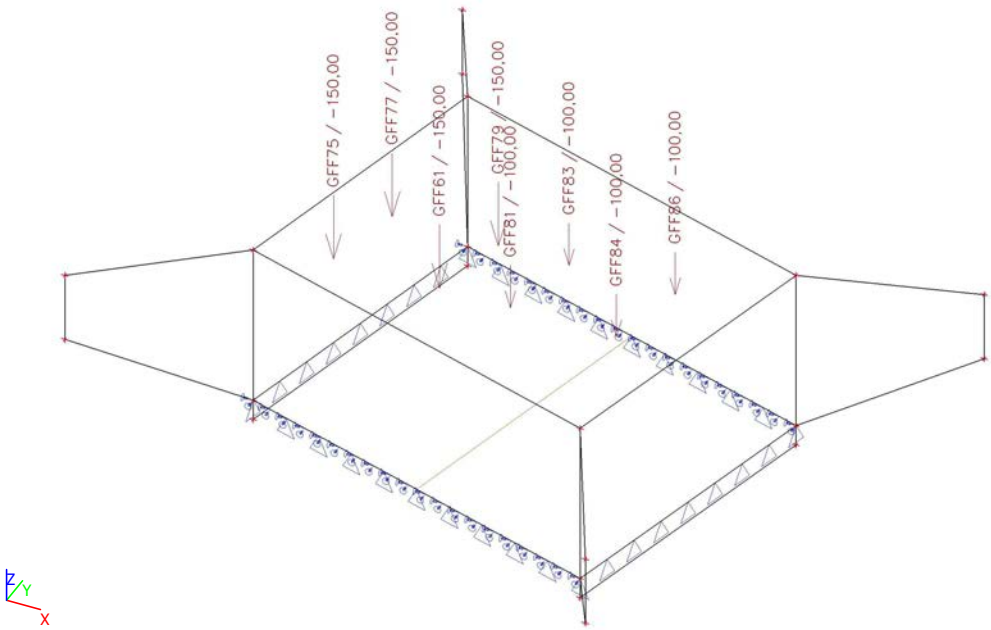
Name	Description	Action type	Load group	Duration	Master load case
	Spec	Load type			
LC2.1.2	prometna obtežba	Variable	promet TS	Short	None
	Standard	Static			



3.2.7. Load cases - LC2.1.3

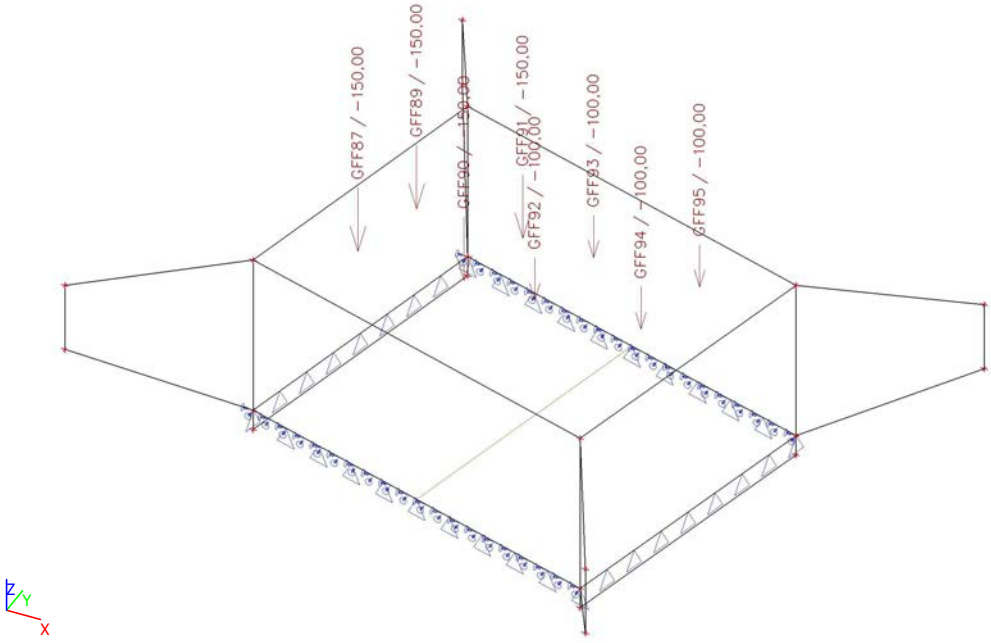
Name	Description	Action type	Load group	Duration	Master load case
	Spec	Load type			
LC2.1.3	prometna obtežba	Variable	promet TS	Short	None

Name	Description	Action type	Load group	Duration	Master load case
	Spec	Load type			
	Standard	Static			



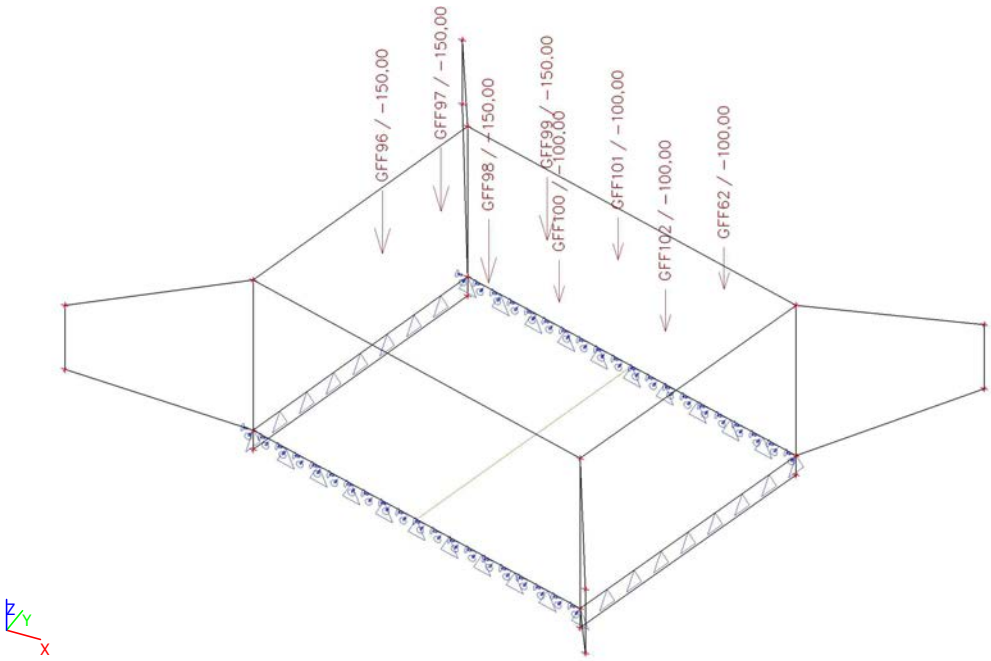
3.2.8. Load cases - LC2.1.4

Name	Description	Action type	Load group	Duration	Master load case
	Spec	Load type			
LC2.1.4	prometna obtežba	Variable	promet TS	Short	None
	Standard	Static			



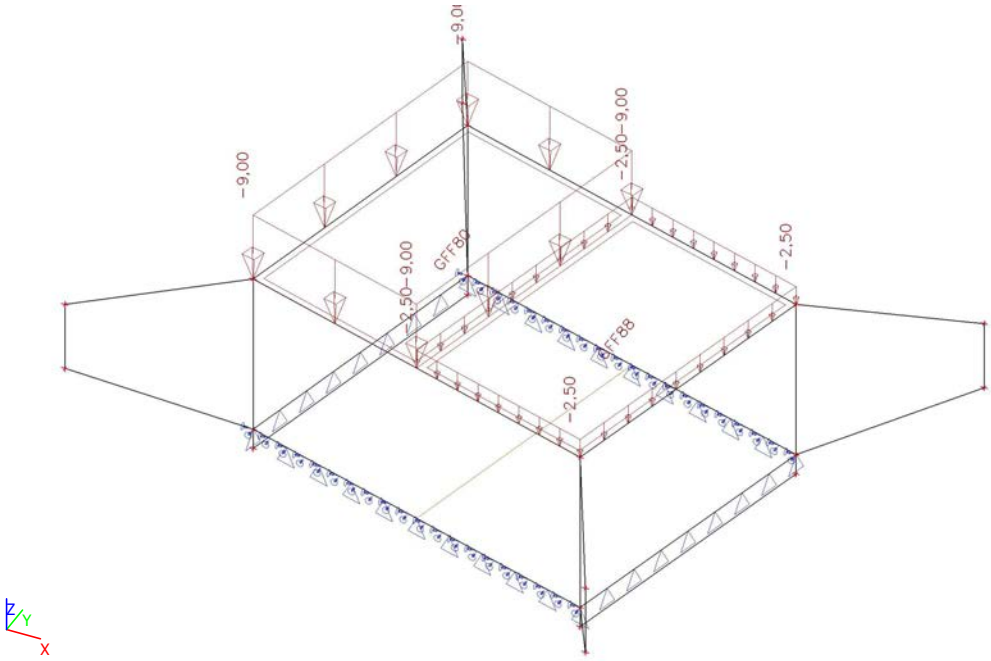
3.2.9. Load cases - LC2.1.5

Name	Description	Action type	Load group	Duration	Master load case
	Spec	Load type			
LC2.1.5	prometna obtežba	Variable	promet TS	Short	None
	Standard	Static			



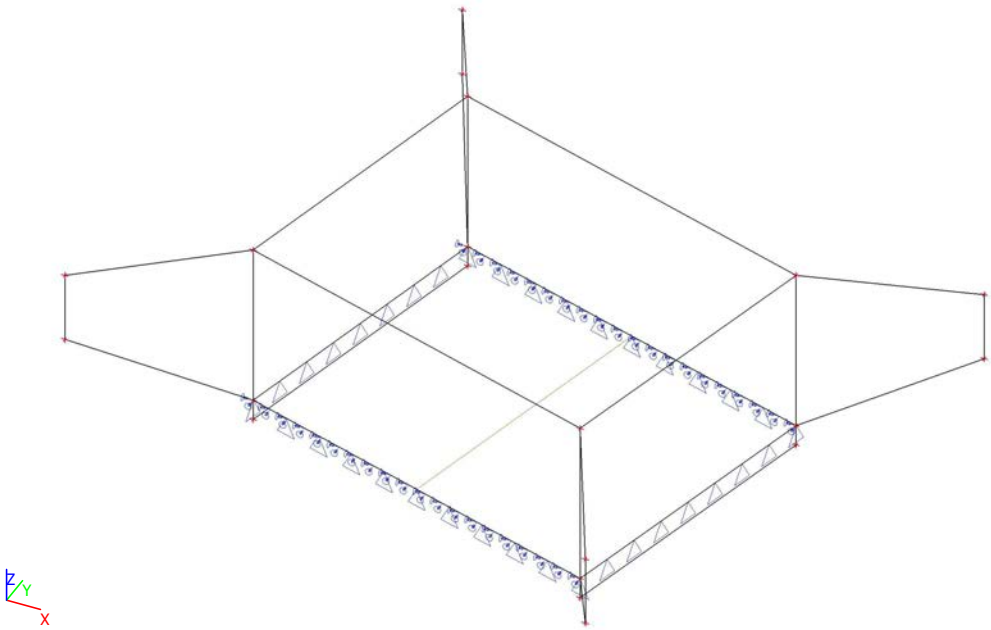
3.2.10. Load cases - LC2.1.a

Name	Description	Action type	Load group	Duration	Master load case
	Spec	Load type			
LC2.1.a	prometna obtežba	Variable	promet UDL	Short	None
	Standard	Static			



3.2.11. Load cases - LC2.1.b

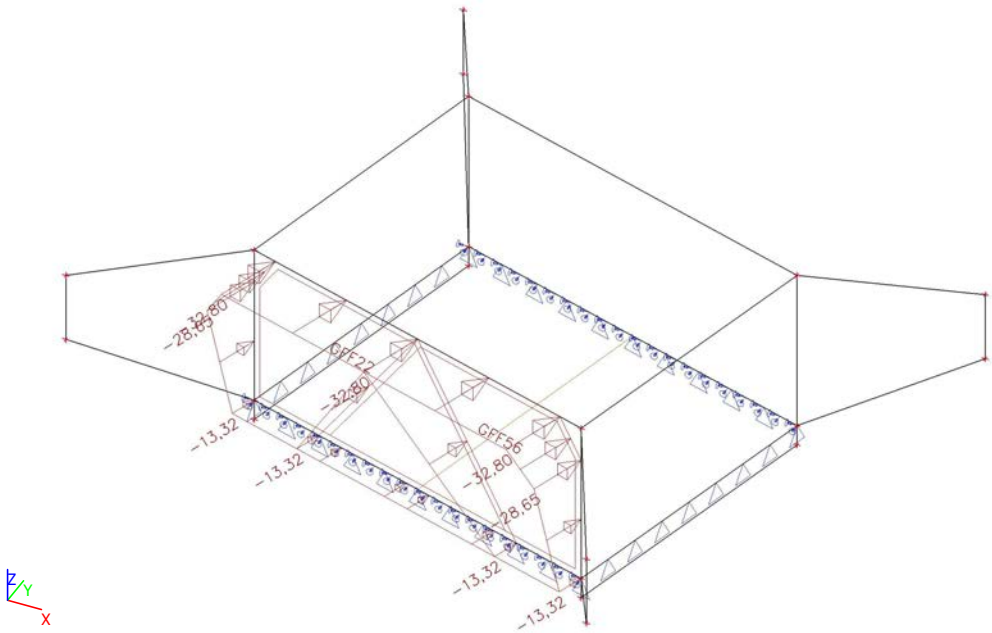
Name	Description	Action type	Load group	Duration	Master load case
	Spec	Load type			
LC2.1.b	prometna obtežba	Variable	promet P	Short	None
	Standard	Static			



3.2.12. Load cases - LC2.2.1

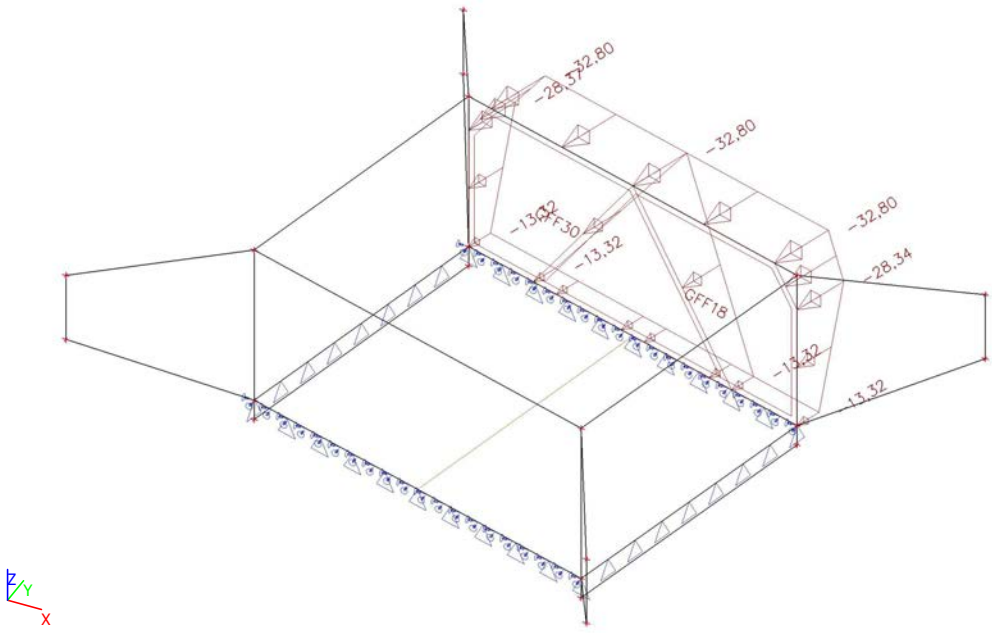
Name	Description	Action type	Load group	Duration	Master load case
	Spec	Load type			
LC2.2.1	prometna obtežba	Variable	promet TS	Short	None

Name	Description	Action type	Load group	Duration	Master load case
	Spec	Load type			
	Standard	Static			



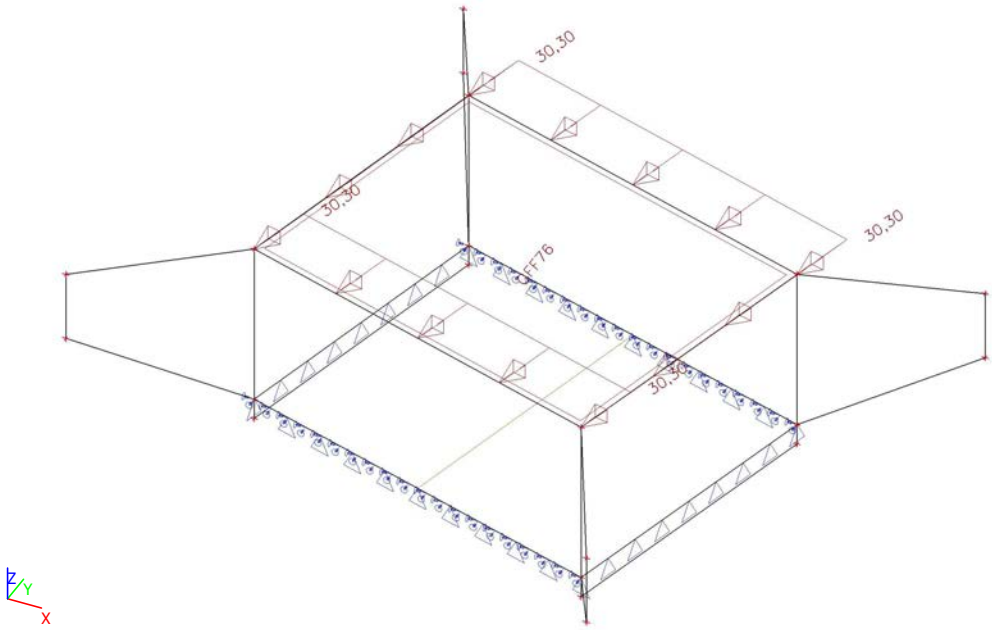
3.2.13. Load cases - LC2.2.2

Name	Description	Action type	Load group	Duration	Master load case
	Spec	Load type			
LC2.2.2	prometna obtežba	Variable	promet TS	Short	None
	Standard	Static			



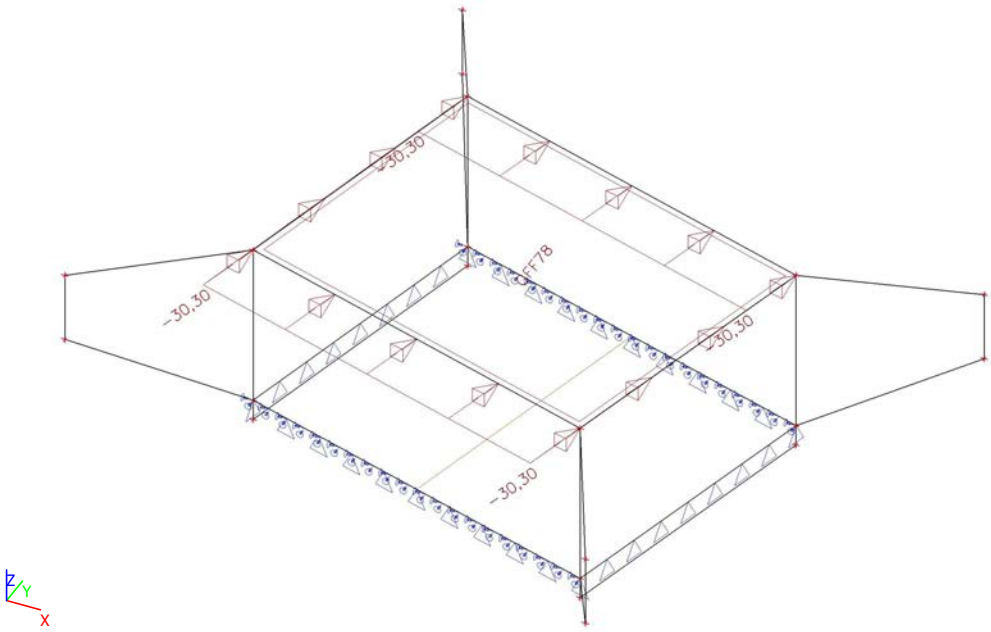
3.2.14. Load cases - LC2.3.1

Name	Description	Action type	Load group	Duration	Master load case
	Spec	Load type			
LC2.3.1	prometna obtežba	Variable	promet horizontalna	Short	None
	Standard	Static			



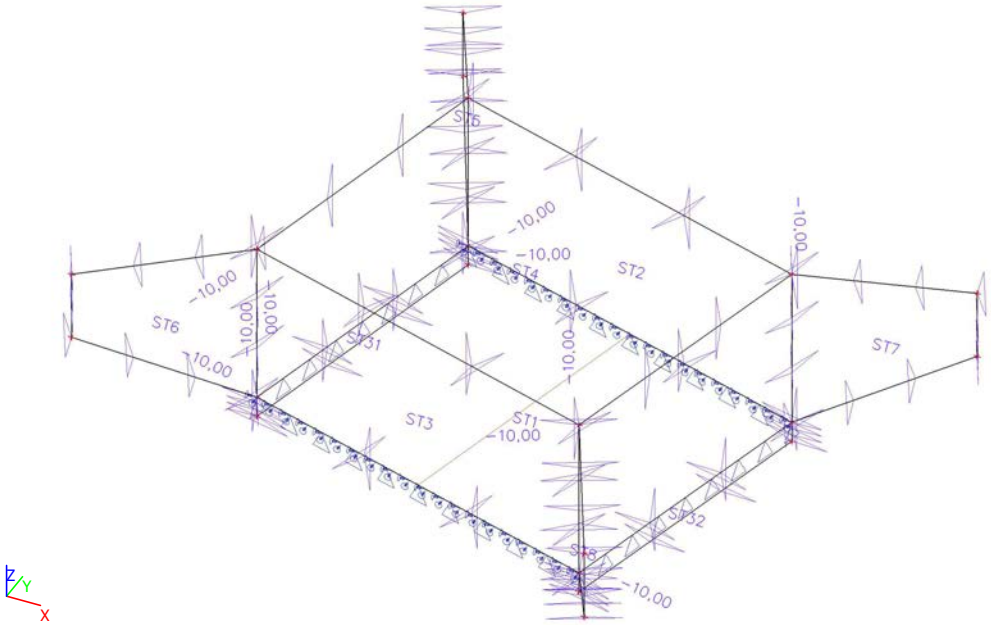
3.2.15. Load cases - LC2.3.2

Name	Description	Action type	Load group	Duration	Master load case
	Spec	Load type			
LC2.3.2	prometna obtežba	Variable	promet horizontalna	Short	None
	Standard	Static			



3.2.16. Load cases - LC2.4

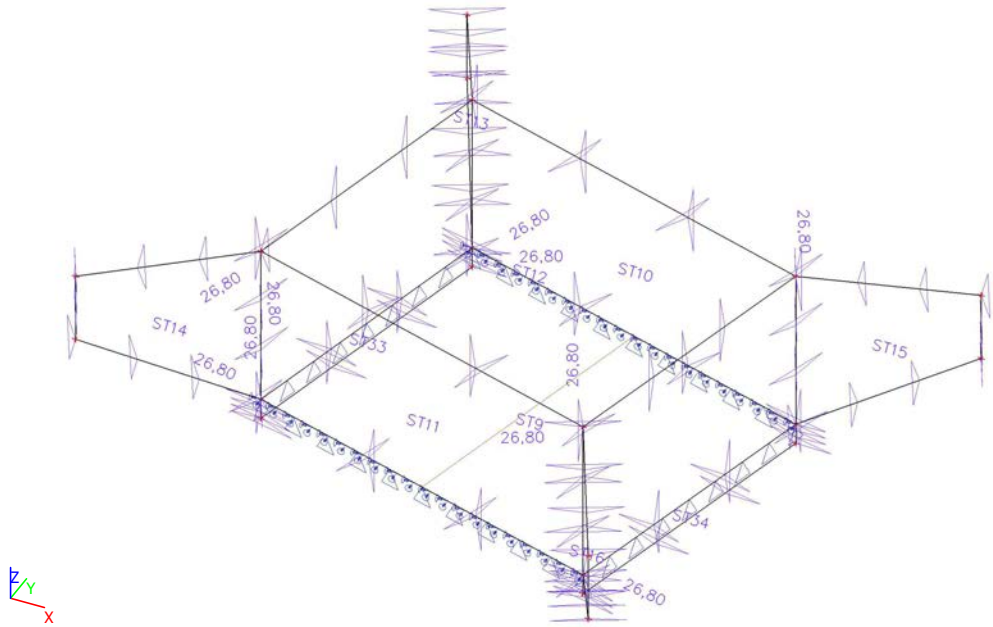
Name	Description	Action type	Load group	Master load case
	Spec	Load type		
LC2.4	reologija - krčenje	Variable	reologija	None
	Temperature	Static		



3.2.17. Load cases - LC2.5.1

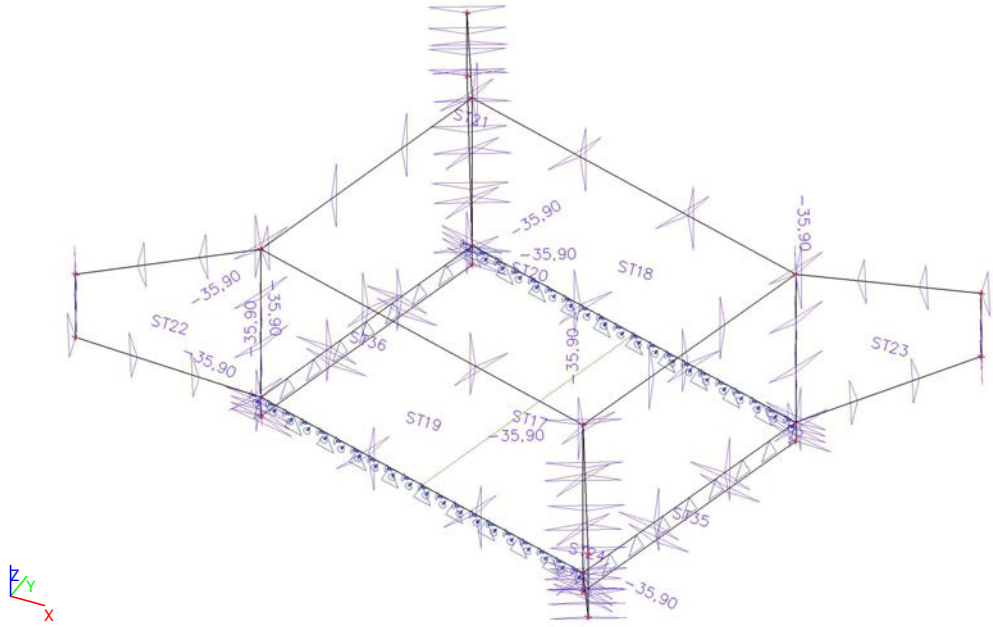
Name	Description	Action type	Load group	Master load case
	Spec	Load type		
LC2.5.1	delta T+	Variable	temperatura	None

Name	Description	Action type	Load group	Master load case
	Spec	Load type		
	Temperature	Static		



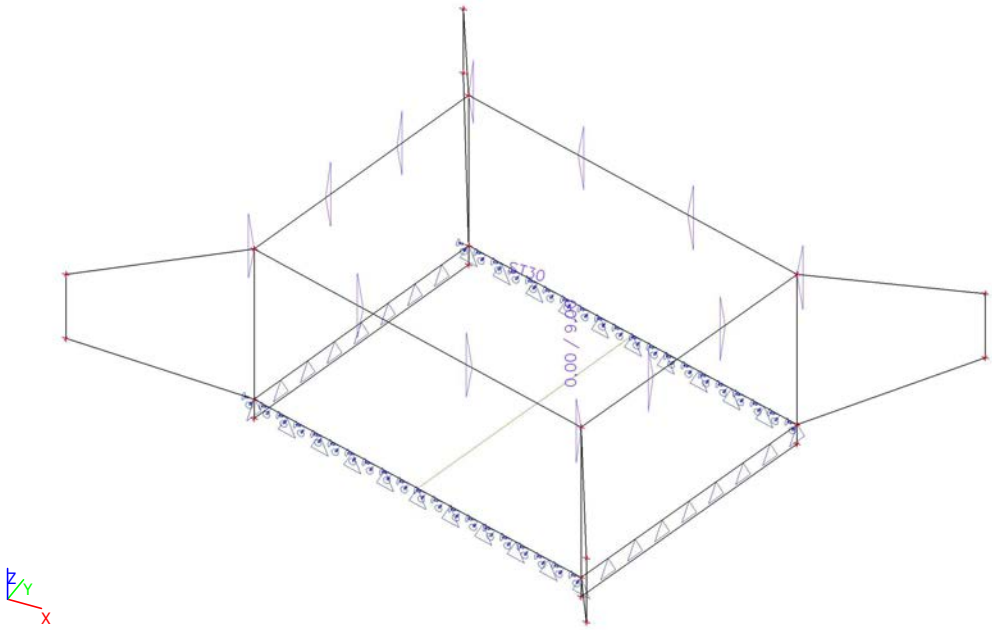
3.2.18. Load cases - LC2.5.2

Name	Description	Action type	Load group	Master load case
	Spec	Load type		
LC2.5.2	delta T-	Variable	temperatura	None
	Temperature	Static		



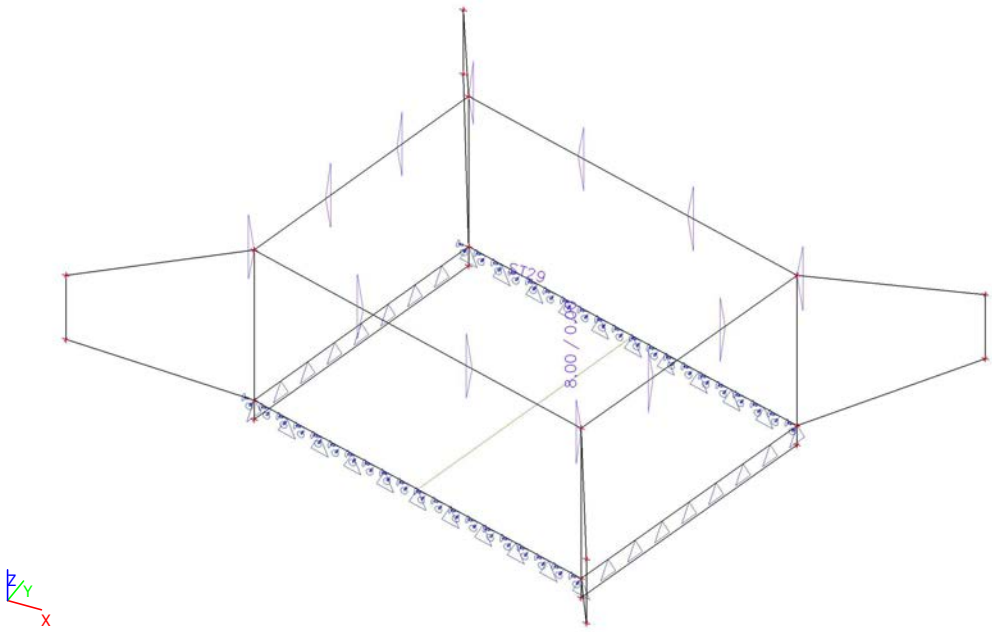
3.2.19. Load cases - LC2.5.3

Name	Description	Action type	Load group	Master load case
	Spec	Load type		
LC2.5.3	diff Tzg+ Temperature	Variable Static	temperatura	None



3.2.20. Load cases - LC2.5.4

Name	Description	Action type	Load group	Master load case
	Spec	Load type		
LC2.5.4	diff Tsp+ Temperature	Variable Static	temperatura	None



3.3. Load groups

Name	Load	Relation	Type
stalna	Permanent		
promet TS	Variable	Exclusive	Traffic - gr1a - TS
promet UDL	Variable	Exclusive	Traffic - gr1a - UDL
promet P	Variable	Exclusive	Traffic - gr1a - Pedestr. + cycle track
temperatura	Variable	Exclusive	Thermal actions - Tk
promet horizontalna	Variable	Exclusive	Traffic - gr2 - Horizontal forces
reologija	Variable	Exclusive	Construction loads - Qc

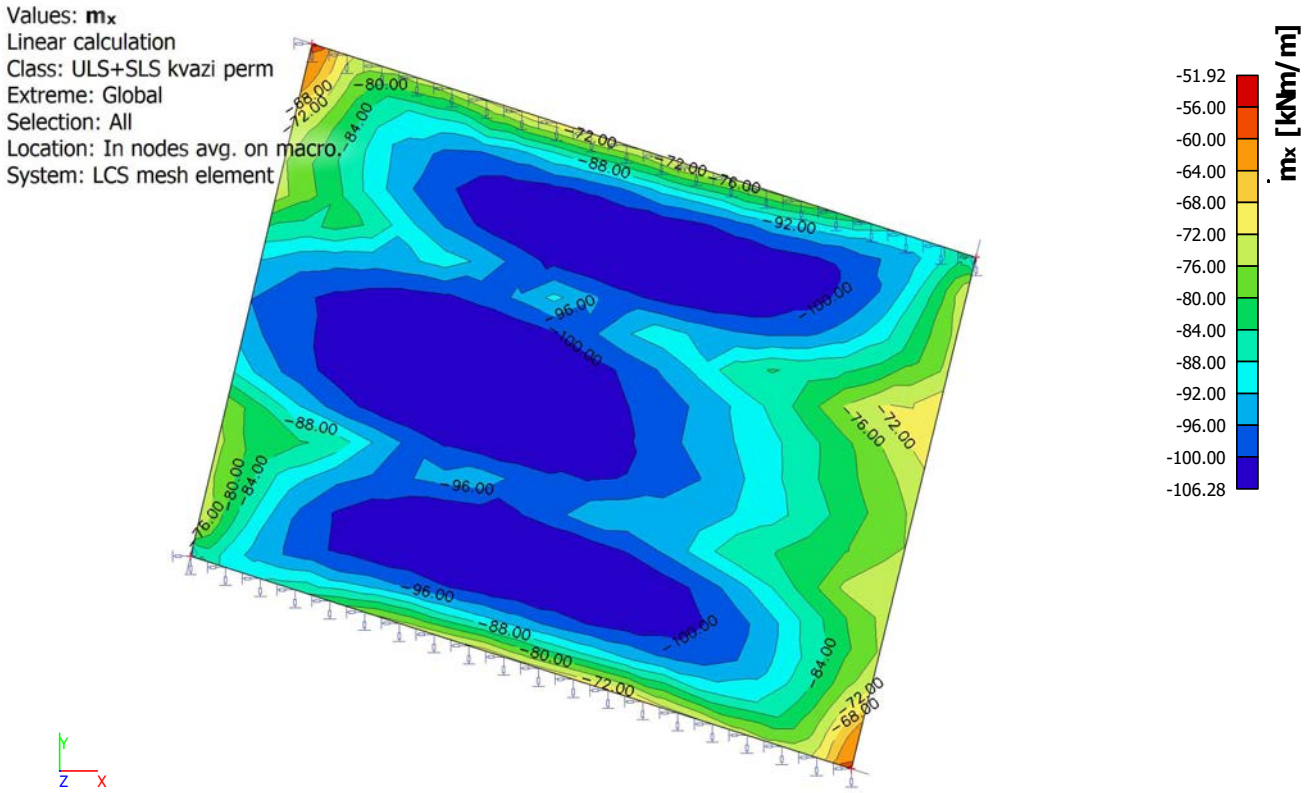
3.4. Combinations

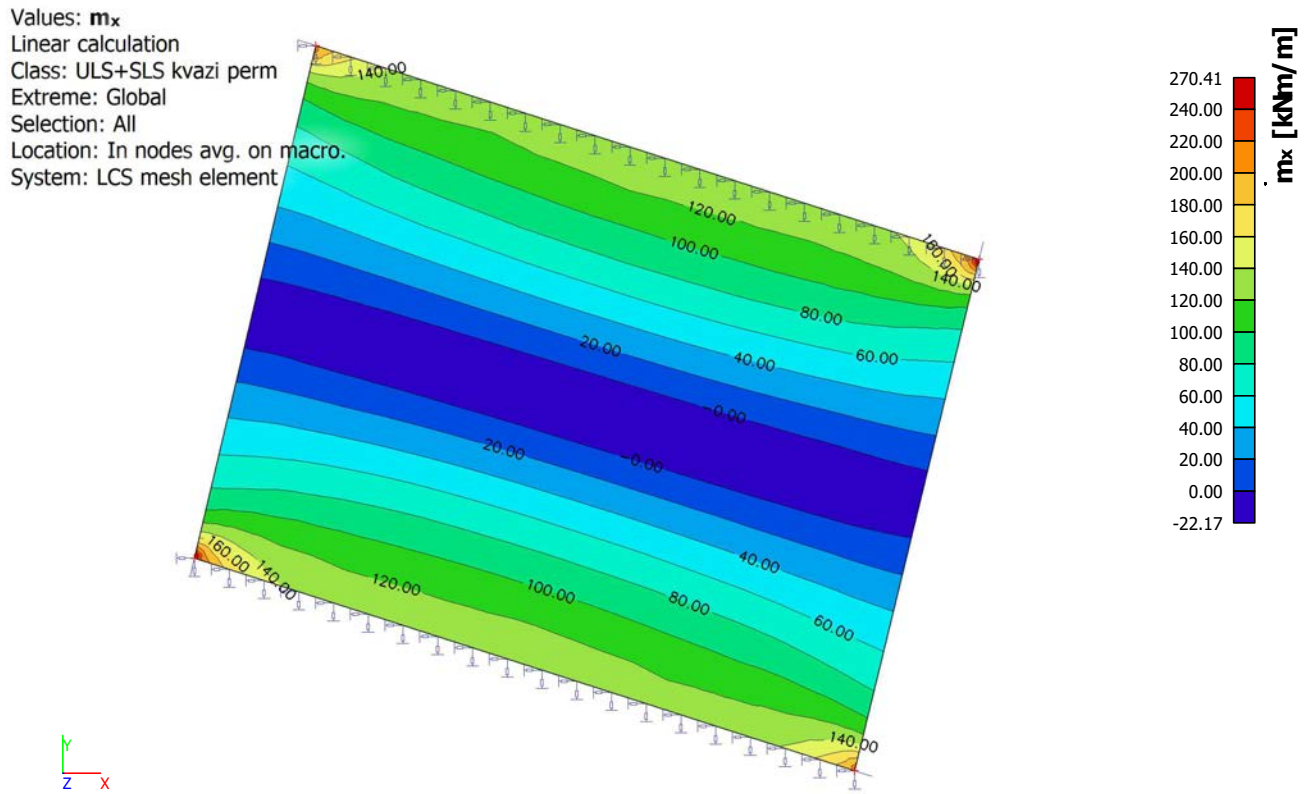
Name	Description	Type	Load cases	Coeff. [-]
MSN B		EN-ULS (STR/GEO) Set B	LC1.1 - Lastna teža	1,00
			LC1.2 - Obtežba na krovno ploščo	1,00
			LC1.3 - obtežba na opornike in krila	1,00
			LC1.4 - obtežba na temeljno ploščo	1,00
			LC2.1.1 - prometna obtežba	1,00
			LC2.1.2 - prometna obtežba	1,00
			LC2.1.3 - prometna obtežba	1,00
			LC2.1.4 - prometna obtežba	1,00
			LC2.1.5 - prometna obtežba	1,00
			LC2.1.a - prometna obtežba	1,00
			LC2.1.b - prometna obtežba	1,00
			LC2.2.1 - prometna obtežba	1,00
			LC2.2.2 - prometna obtežba	1,00
			LC2.3.1 - prometna obtežba	1,00
			LC2.3.2 - prometna obtežba	1,00
			LC2.4 - reologija - krčenje	1,00
			LC2.5.1 - delta T+	1,00
			LC2.5.2 - delta T-	1,00
			LC2.5.3 - diff Tzg+	1,00
			LC2.5.4 - diff Tsp+	1,00
MSN C		EN-ULS (STR/GEO) Set C	LC1.1 - Lastna teža	1,00
			LC1.2 - Obtežba na krovno ploščo	1,00
			LC1.3 - obtežba na opornike in krila	1,00
			LC1.4 - obtežba na temeljno ploščo	1,00
			LC2.1.1 - prometna obtežba	1,00
			LC2.1.2 - prometna obtežba	1,00
			LC2.1.3 - prometna obtežba	1,00
			LC2.1.4 - prometna obtežba	1,00
			LC2.1.5 - prometna obtežba	1,00
			LC2.1.a - prometna obtežba	1,00
			LC2.1.b - prometna obtežba	1,00
			LC2.2.1 - prometna obtežba	1,00
			LC2.2.2 - prometna obtežba	1,00
			LC2.3.1 - prometna obtežba	1,00
			LC2.3.2 - prometna obtežba	1,00
			LC2.4 - reologija - krčenje	1,00
			LC2.5.1 - delta T+	1,00
			LC2.5.2 - delta T-	1,00
			LC2.5.3 - diff Tzg+	1,00
			LC2.5.4 - diff Tsp+	1,00
MSU karakteristična		EN-SLS Characteristic	LC1.1 - Lastna teža	1,00
			LC1.2 - Obtežba na krovno ploščo	1,00
			LC1.3 - obtežba na opornike in krila	1,00
			LC1.4 - obtežba na temeljno ploščo	1,00
			LC2.1.1 - prometna obtežba	1,00
			LC2.1.2 - prometna obtežba	1,00
			LC2.1.3 - prometna obtežba	1,00
			LC2.1.4 - prometna obtežba	1,00
			LC2.1.5 - prometna obtežba	1,00
			LC2.1.a - prometna obtežba	1,00
			LC2.1.b - prometna obtežba	1,00
			LC2.2.1 - prometna obtežba	1,00
			LC2.2.2 - prometna obtežba	1,00
			LC2.3.1 - prometna obtežba	1,00
			LC2.3.2 - prometna obtežba	1,00

Name	Description	Type	Load cases	Coeff. [-]
			LC2.4 - reologija - krčenje	1,00
			LC2.5.1 - delta T+	1,00
			LC2.5.2 - delta T-	1,00
			LC2.5.3 - diff Tzg+	1,00
			LC2.5.4 - diff Tsp+	1,00
MSU pogosta		EN-SLS Frequent	LC1.1 - Lastna teža	1,00
			LC1.2 - Obtežba na krovno ploščo	1,00
			LC1.3 - obtežba na opornike in krila	1,00
			LC1.4 - obtežba na temeljno ploščo	1,00
			LC2.1.1 - prometna obtežba	1,00
			LC2.1.2 - prometna obtežba	1,00
			LC2.1.3 - prometna obtežba	1,00
			LC2.1.4 - prometna obtežba	1,00
			LC2.1.5 - prometna obtežba	1,00
			LC2.1.a - prometna obtežba	1,00
			LC2.1.b - prometna obtežba	1,00
			LC2.2.1 - prometna obtežba	1,00
			LC2.2.2 - prometna obtežba	1,00
			LC2.3.1 - prometna obtežba	1,00
			LC2.3.2 - prometna obtežba	1,00
			LC2.4 - reologija - krčenje	1,00
			LC2.5.1 - delta T+	1,00
			LC2.5.2 - delta T-	1,00
			LC2.5.3 - diff Tzg+	1,00
			LC2.5.4 - diff Tsp+	1,00
MSU kvazi stalna		EN-SLS Quasi-permanent	LC1.1 - Lastna teža	1,00
			LC1.2 - Obtežba na krovno ploščo	1,00
			LC1.3 - obtežba na opornike in krila	1,00
			LC1.4 - obtežba na temeljno ploščo	1,00
			LC2.1.1 - prometna obtežba	1,00
			LC2.1.2 - prometna obtežba	1,00
			LC2.1.3 - prometna obtežba	1,00
			LC2.1.4 - prometna obtežba	1,00
			LC2.1.5 - prometna obtežba	1,00
			LC2.1.a - prometna obtežba	1,00
			LC2.1.b - prometna obtežba	1,00
			LC2.2.1 - prometna obtežba	1,00
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			LC2.3.1 - prometna obtežba	1,00
			LC2.3.2 - prometna obtežba	1,00
			LC2.4 - reologija - krčenje	1,00
			LC2.5.1 - delta T+	1,00
			LC2.5.2 - delta T-	1,00
			LC2.5.3 - diff Tzg+	1,00
			LC2.5.4 - diff Tsp+	1,00

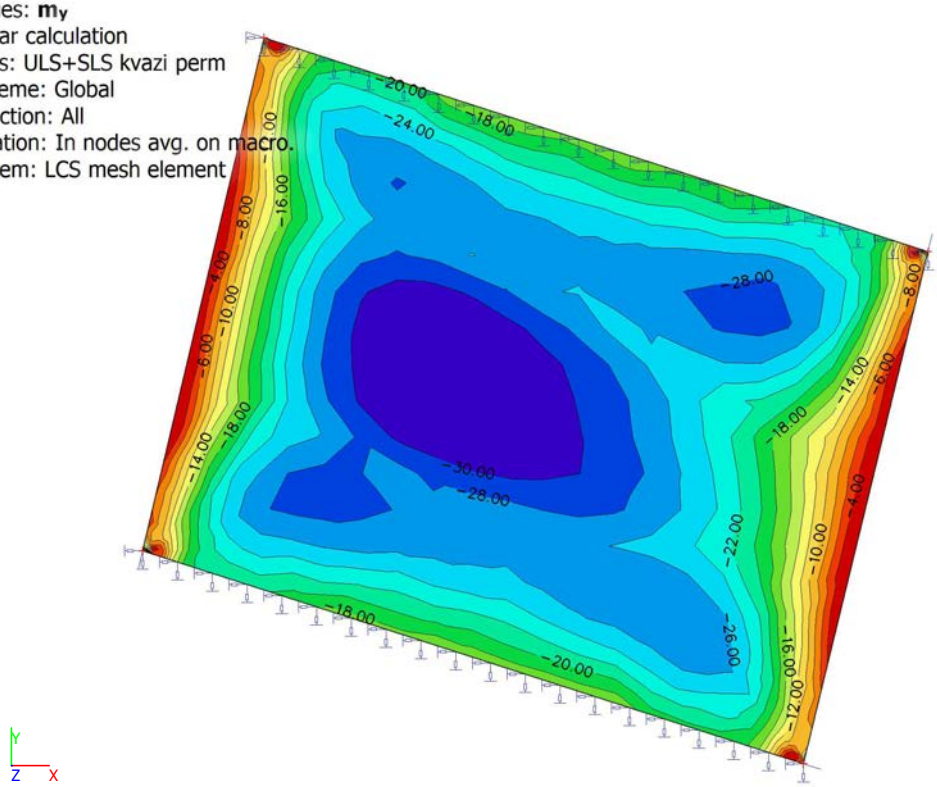
4. Obremenitve konstrukcijskih elementov

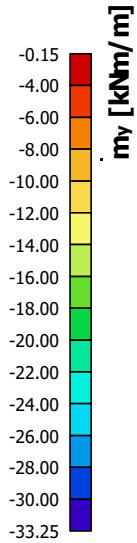
4.1. Talna plošča



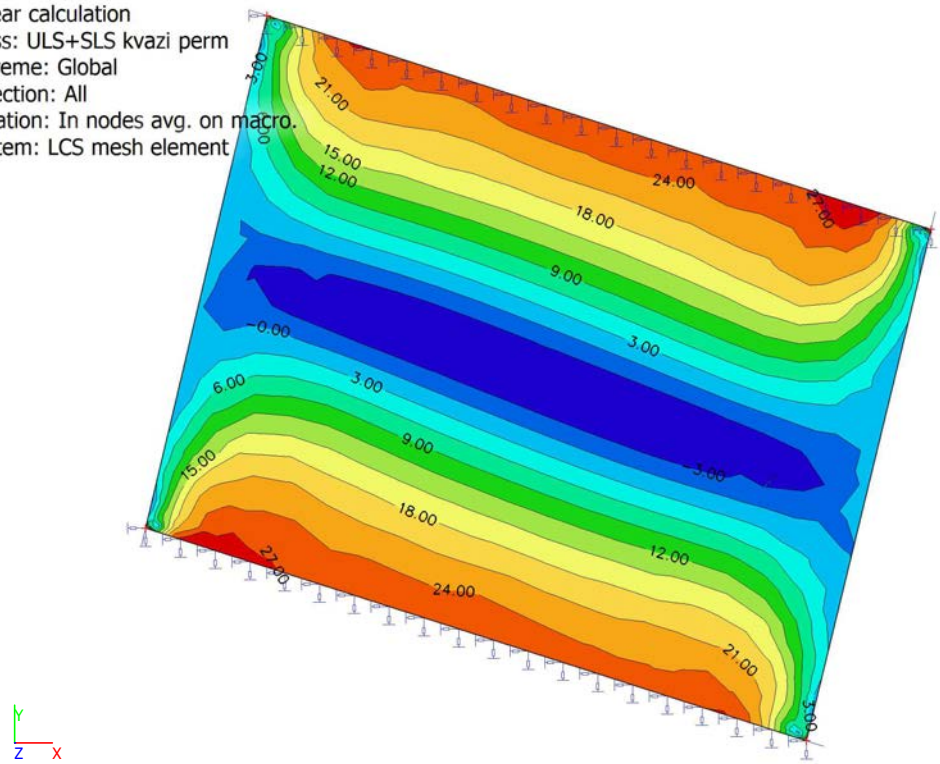


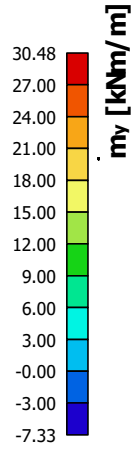
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Selection: All
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System: LCS mesh element



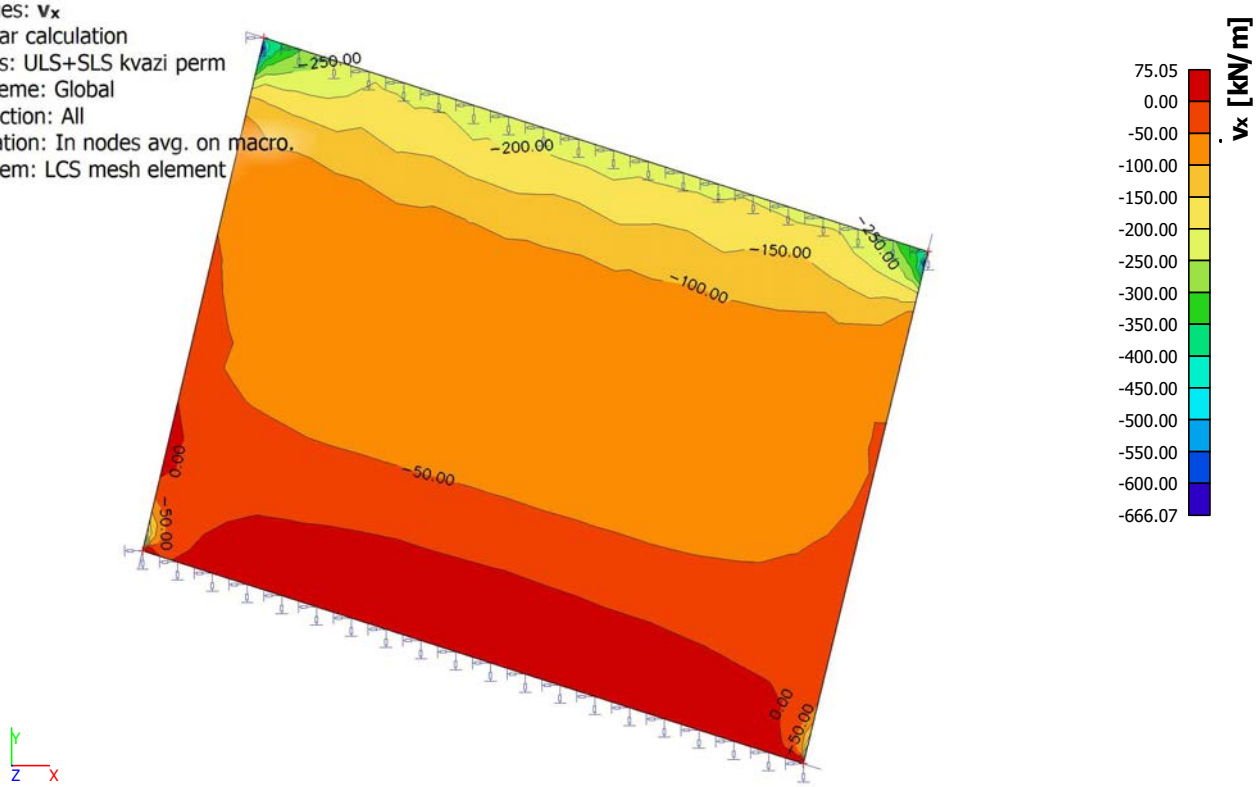


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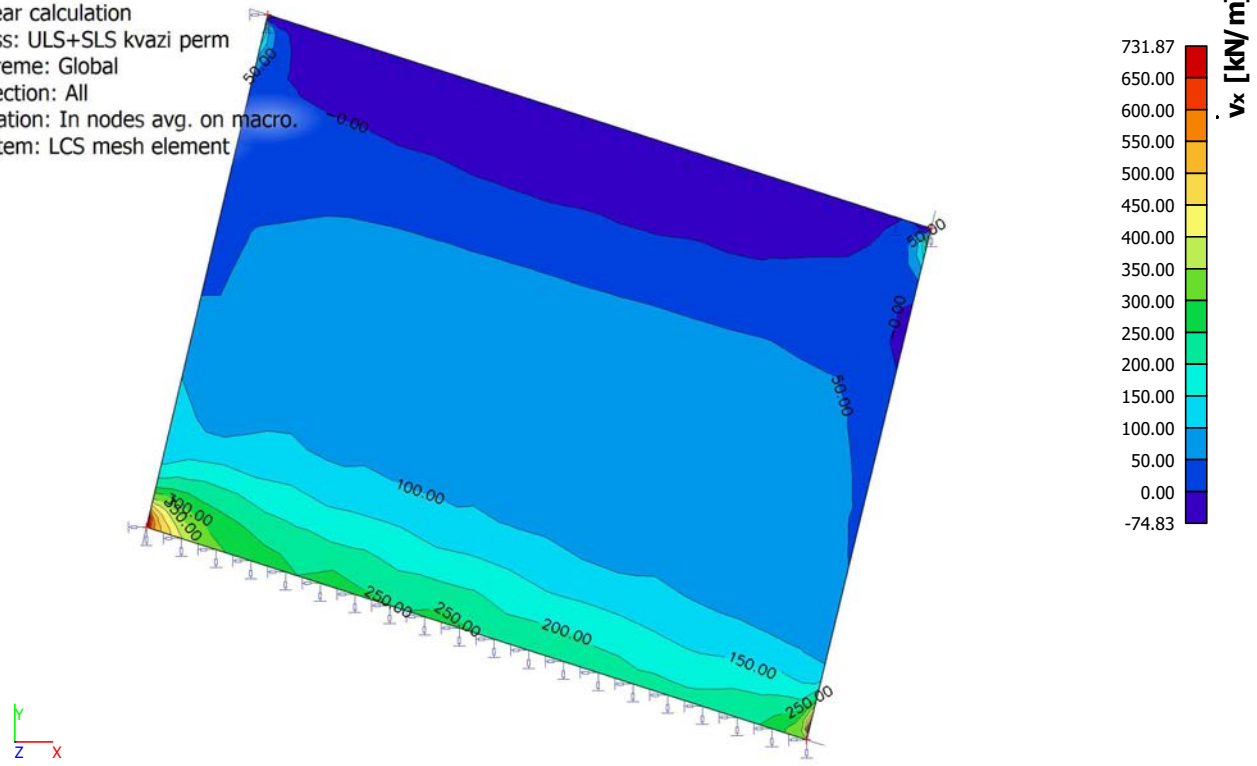




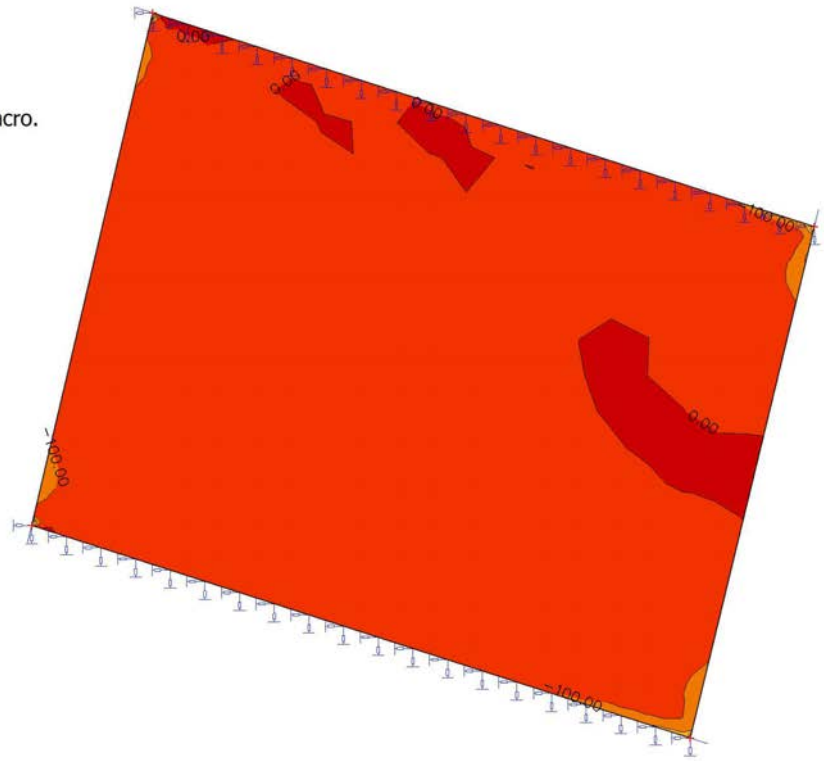
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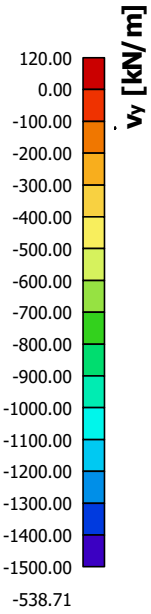


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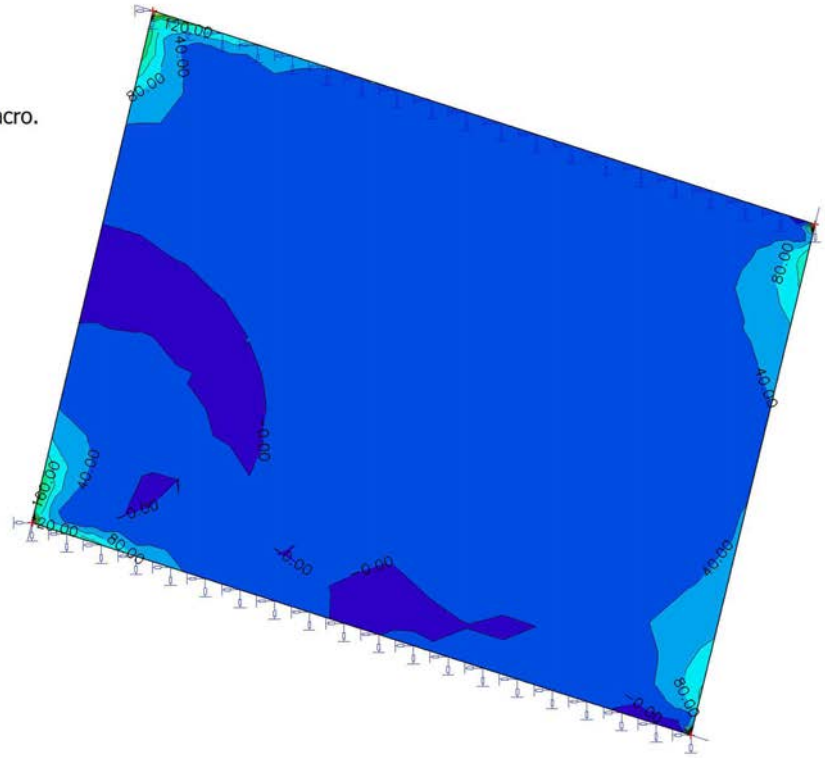


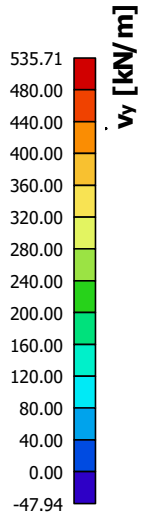
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System: LCS mesh element





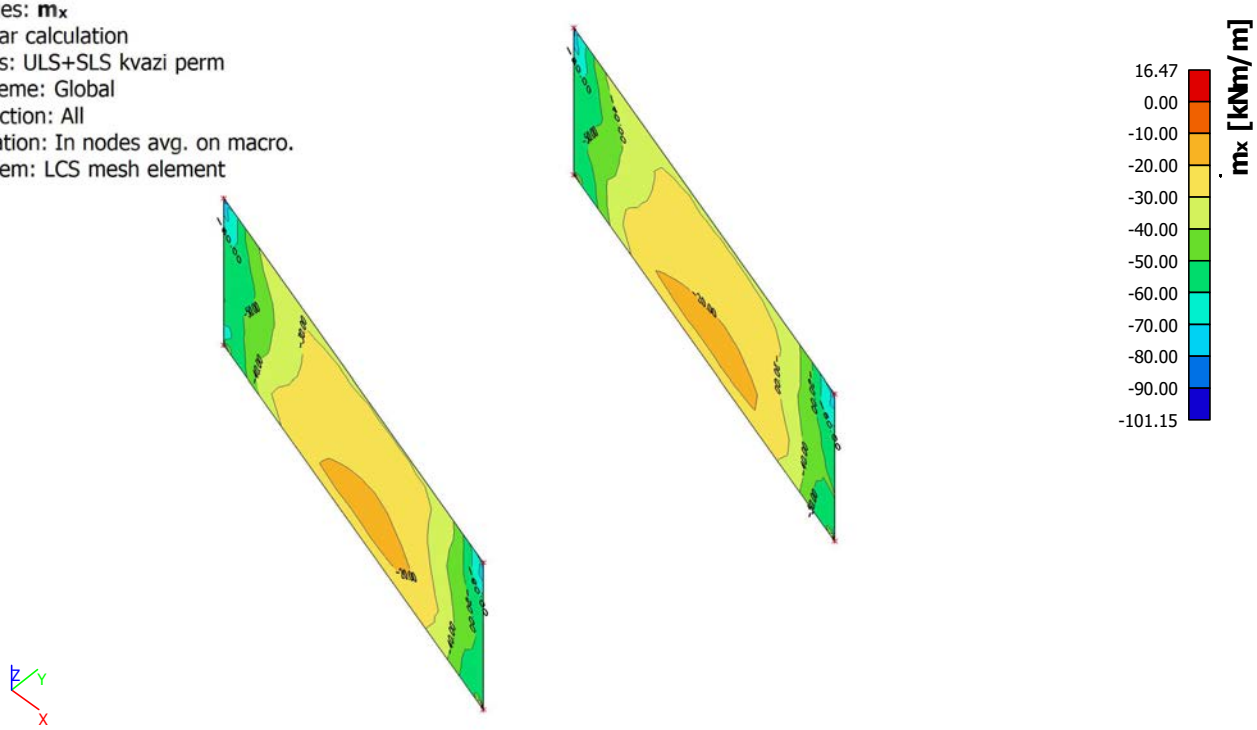
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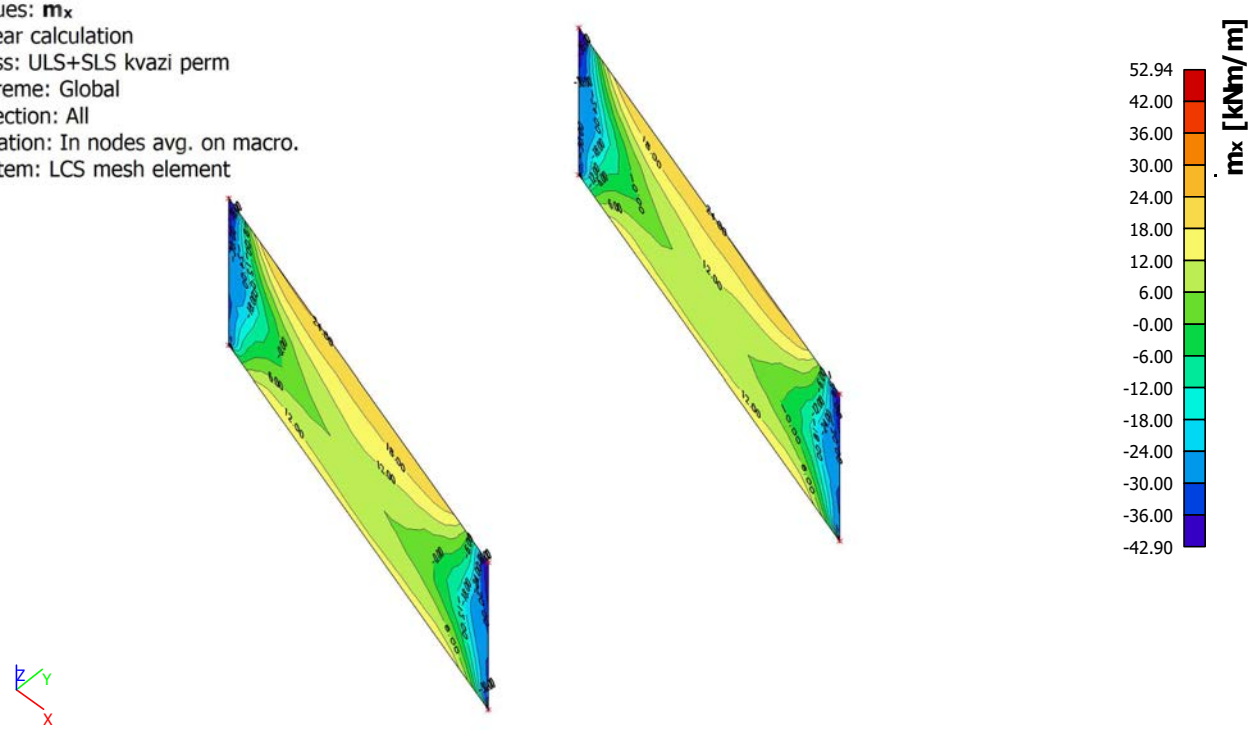


4.2. Opornika

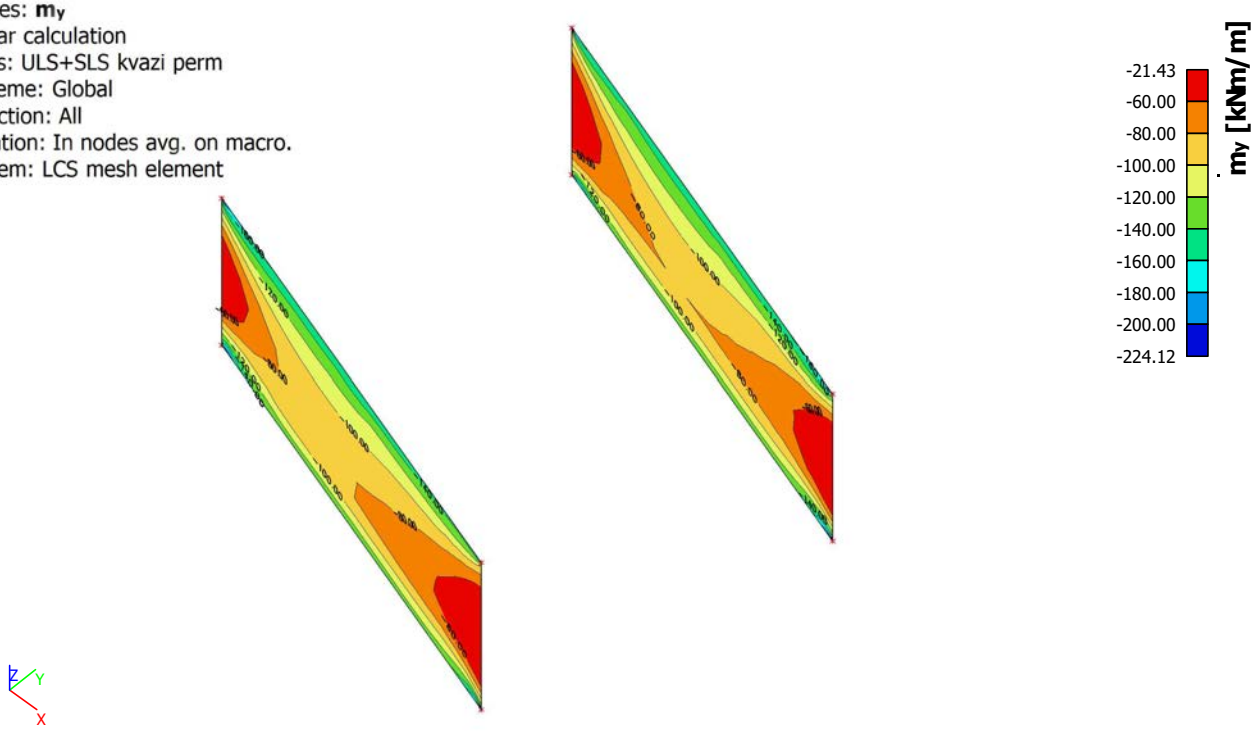
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System: LCS mesh element



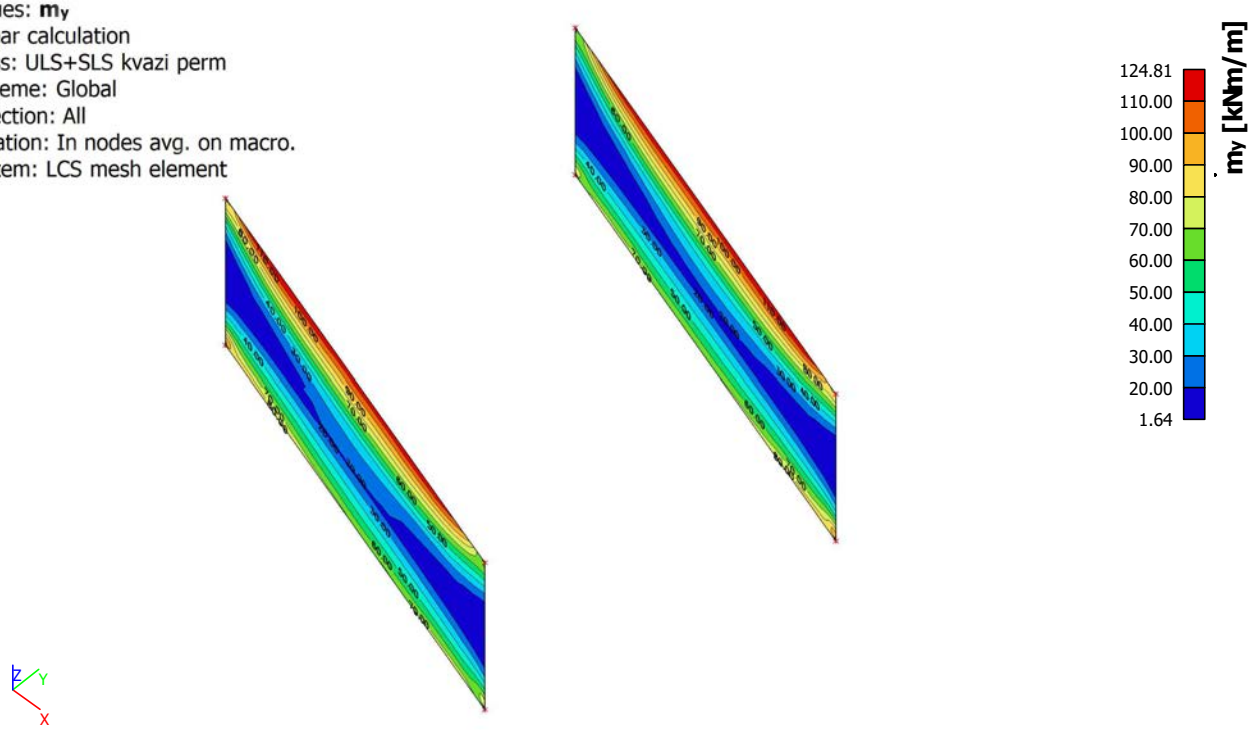
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System: LCS mesh element



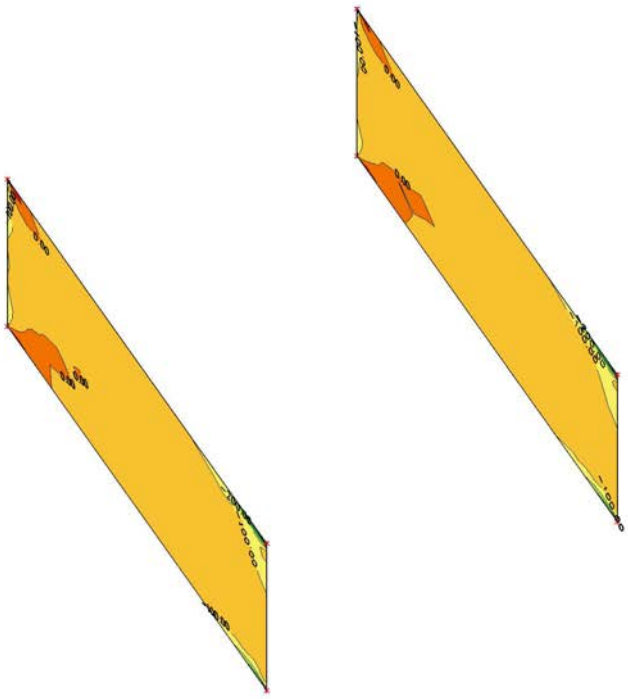
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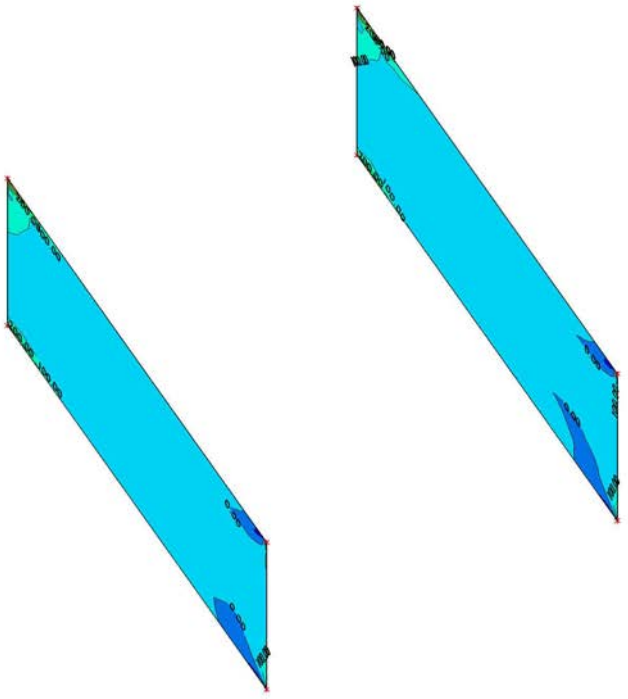
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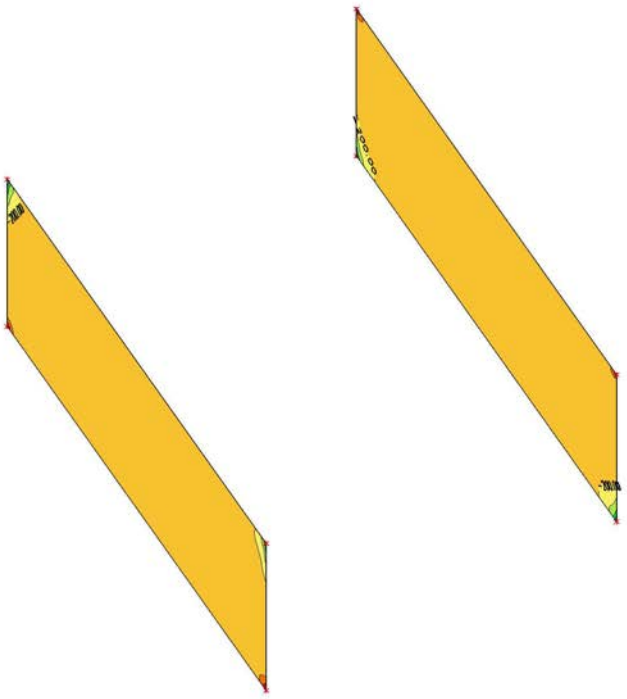
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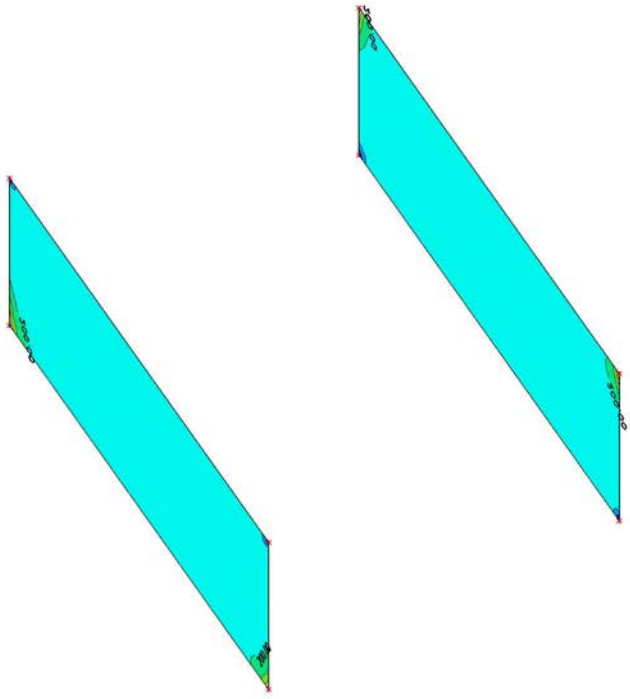
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System: LCS mesh element



Values: v_y
Linear calculation
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Extreme: Global
Selection: All
Location: In nodes avg. on macro.
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Linear calculation
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System: LCS mesh element

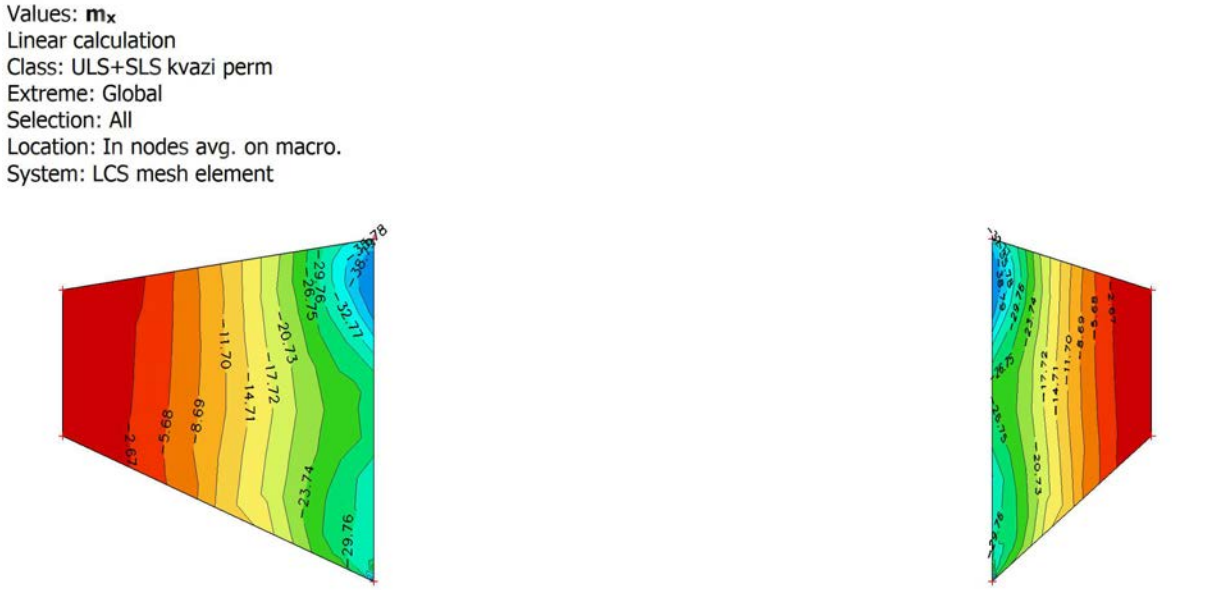


4.3. krila gorvodno

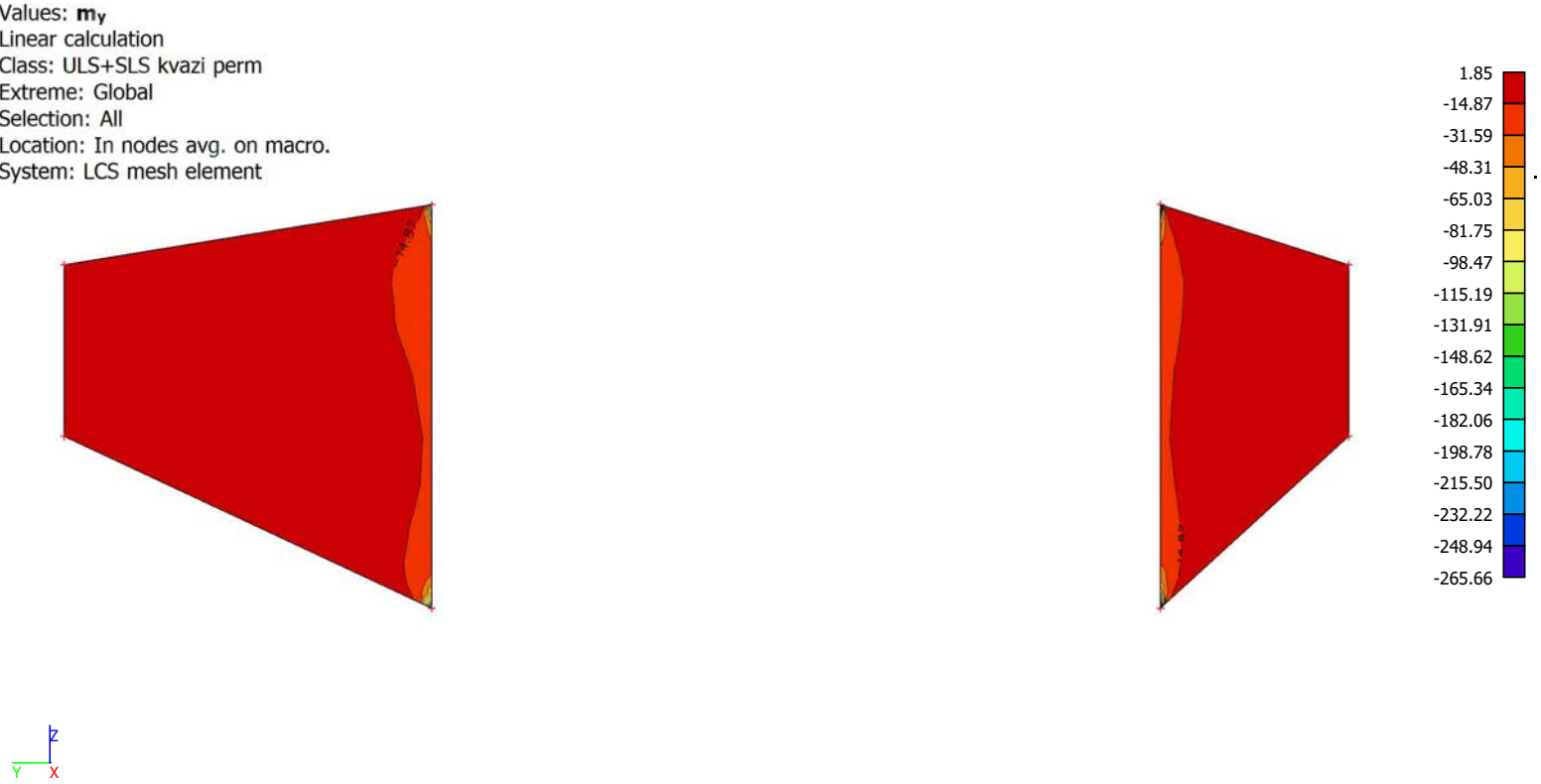
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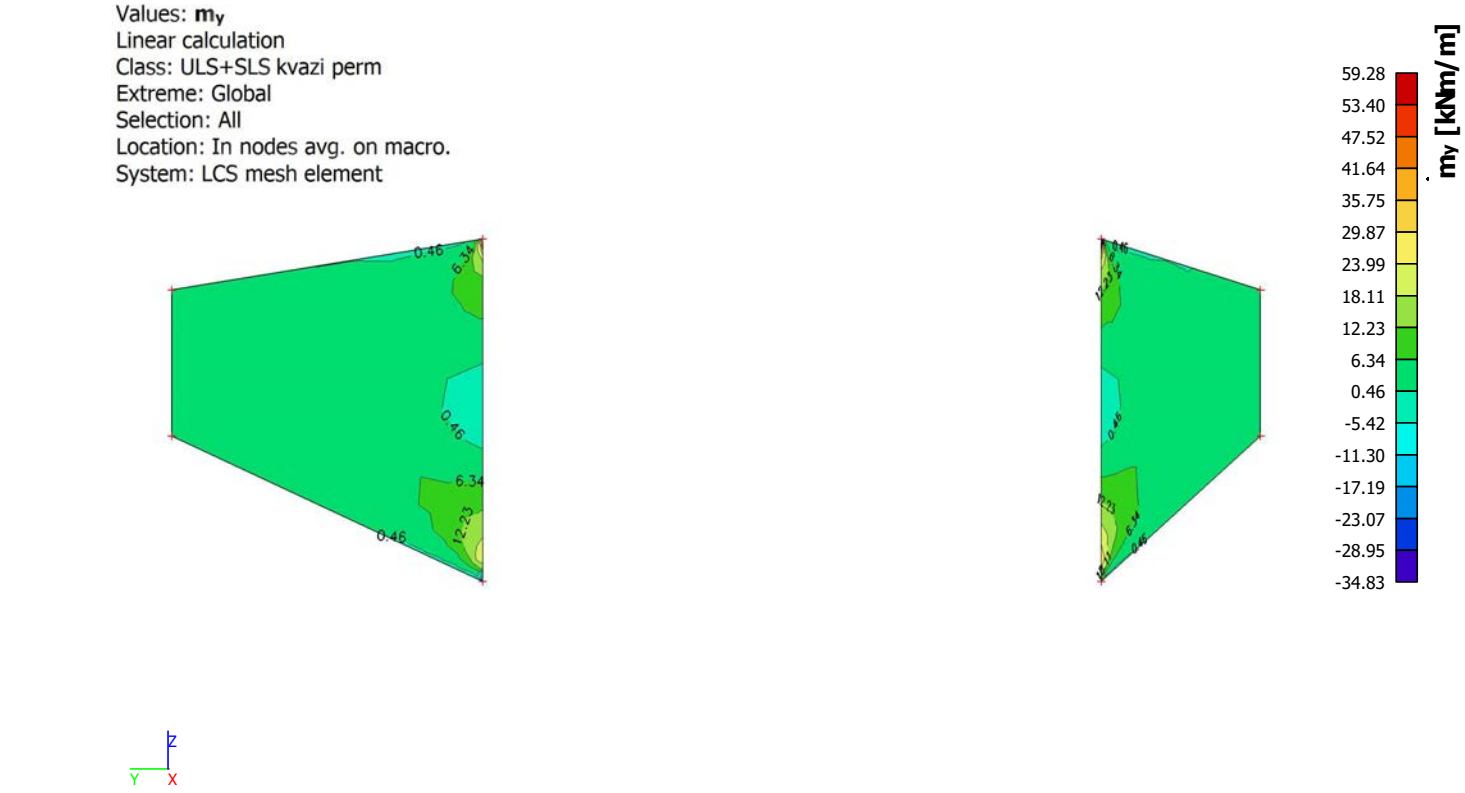
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System: LCS mesh element



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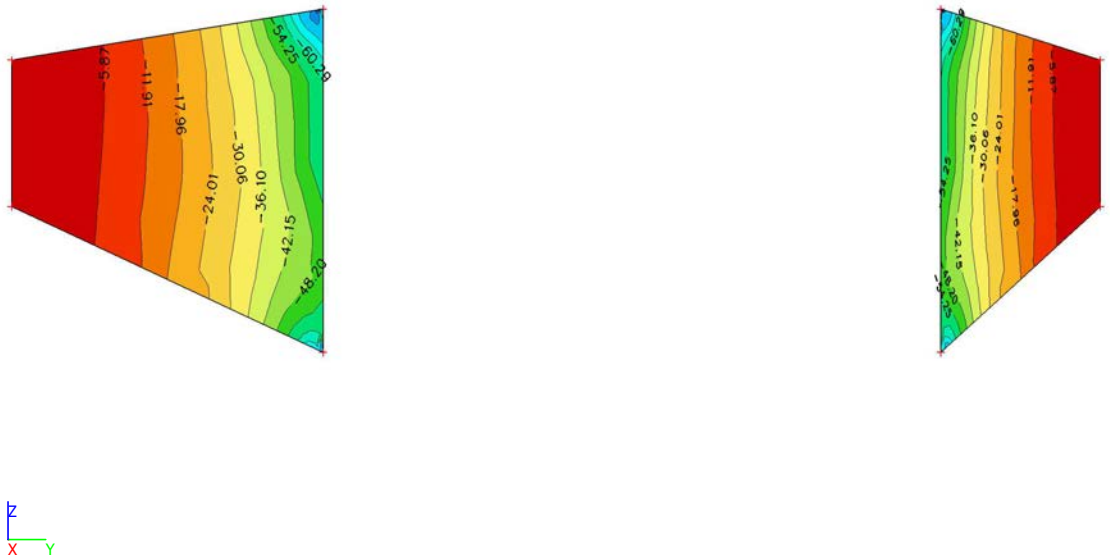


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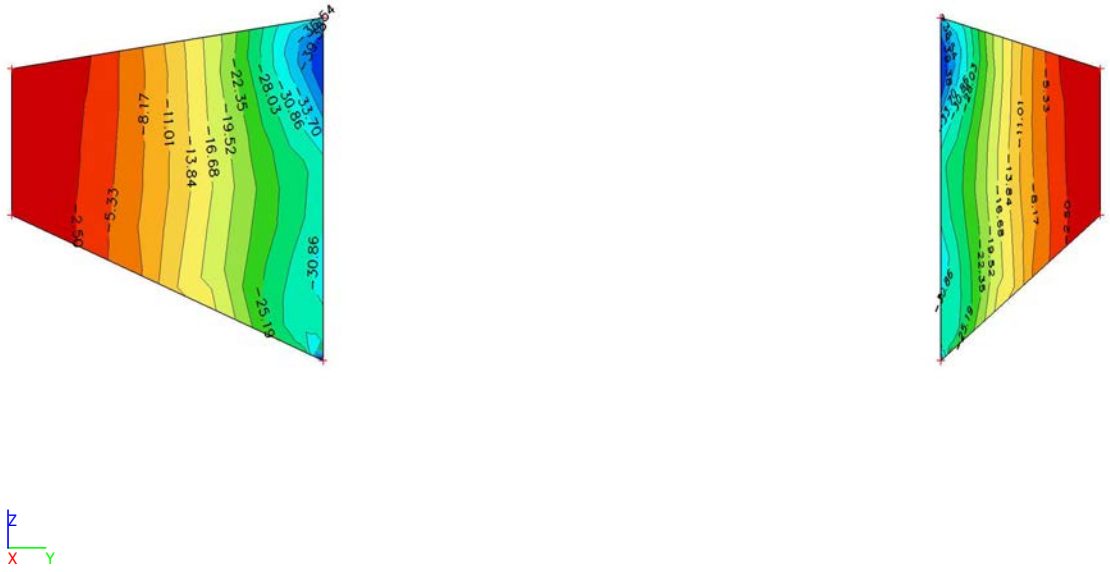


4.4. krila dolvodno

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Location: In nodes avg. on macro.
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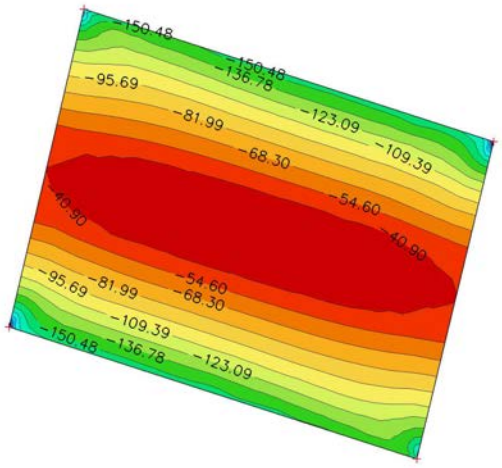


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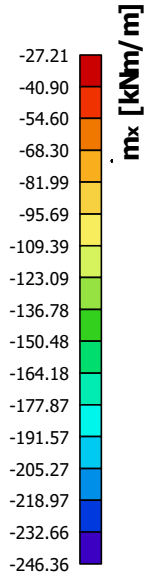


4.5. premostitvena plošča

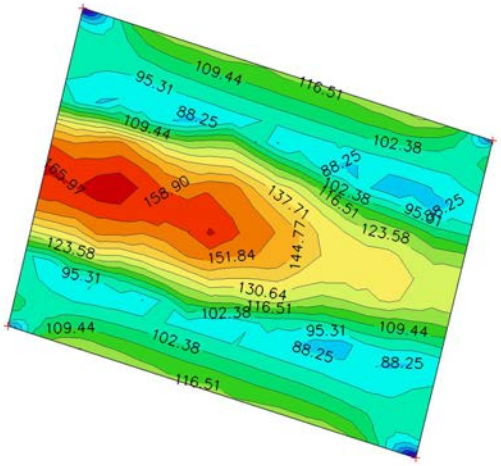
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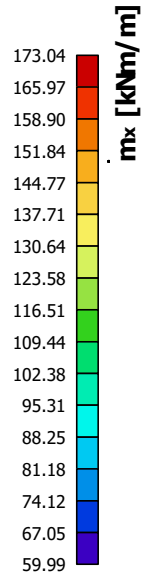




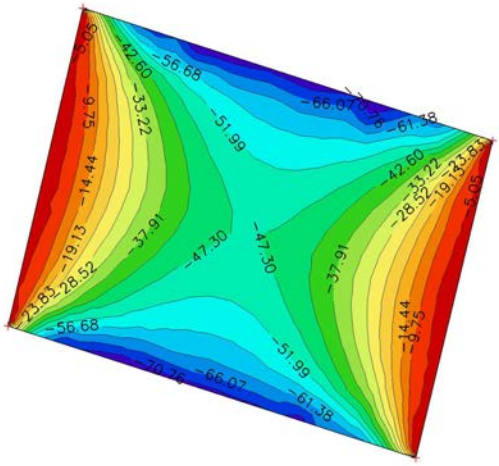
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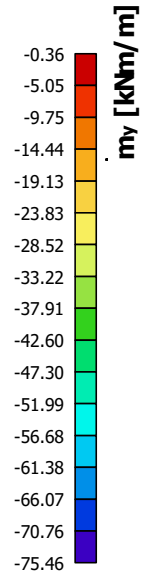




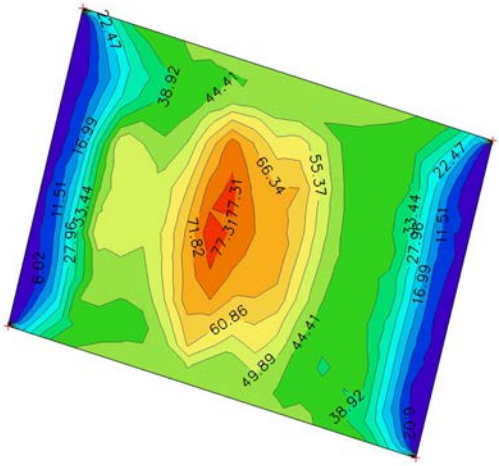
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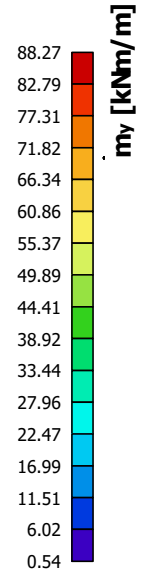




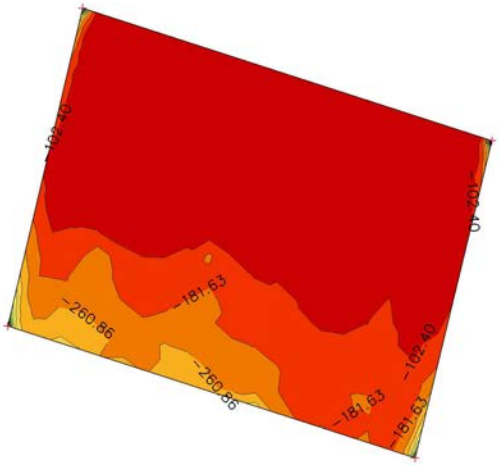
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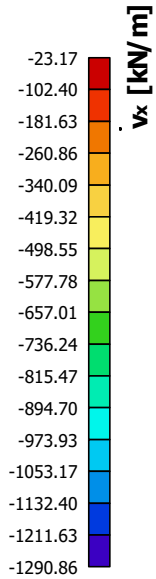




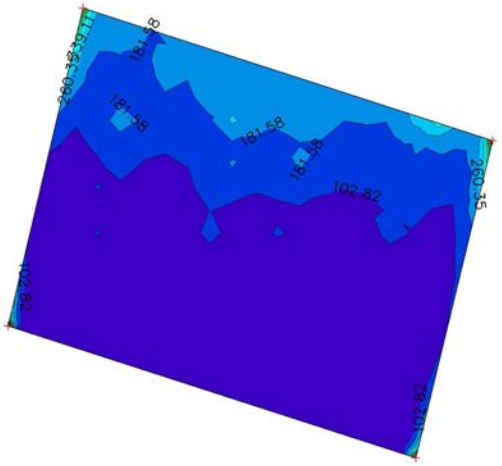
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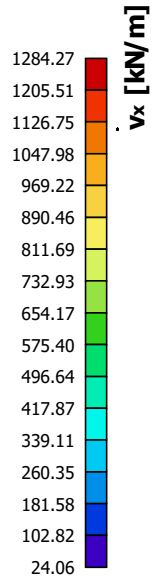




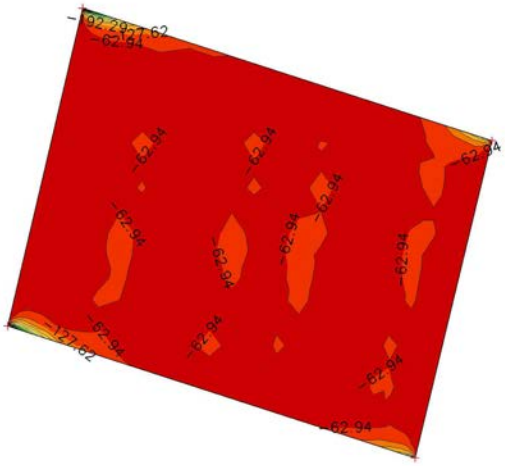
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Location: In nodes avg. on macro.
System: LCS mesh element



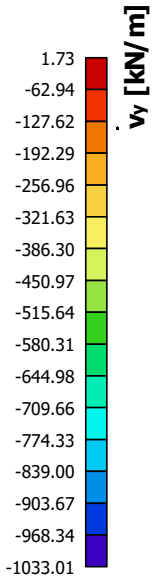




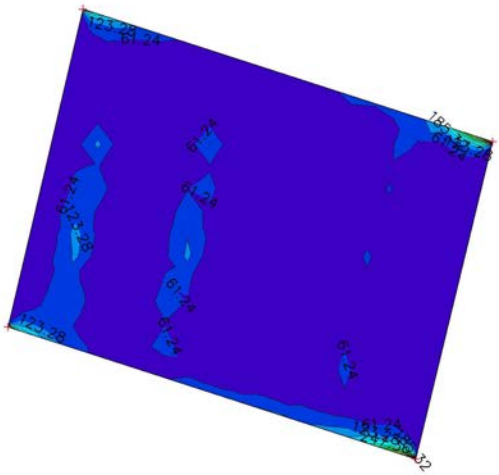
Values: v_y
Linear calculation
Class: ULS+SLS kvazi perm
Extreme: Global
Selection: All
Location: In nodes avg. on macro.
System: LCS mesh element



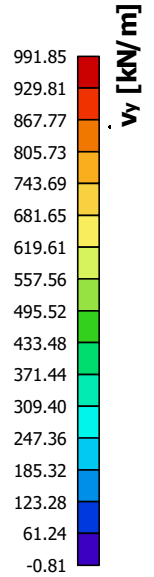




Values: v_y
Linear calculation
Class: ULS+SLS kvazi perm
Extreme: Global
Selection: All
Location: In nodes avg. on macro.
System: LCS mesh element





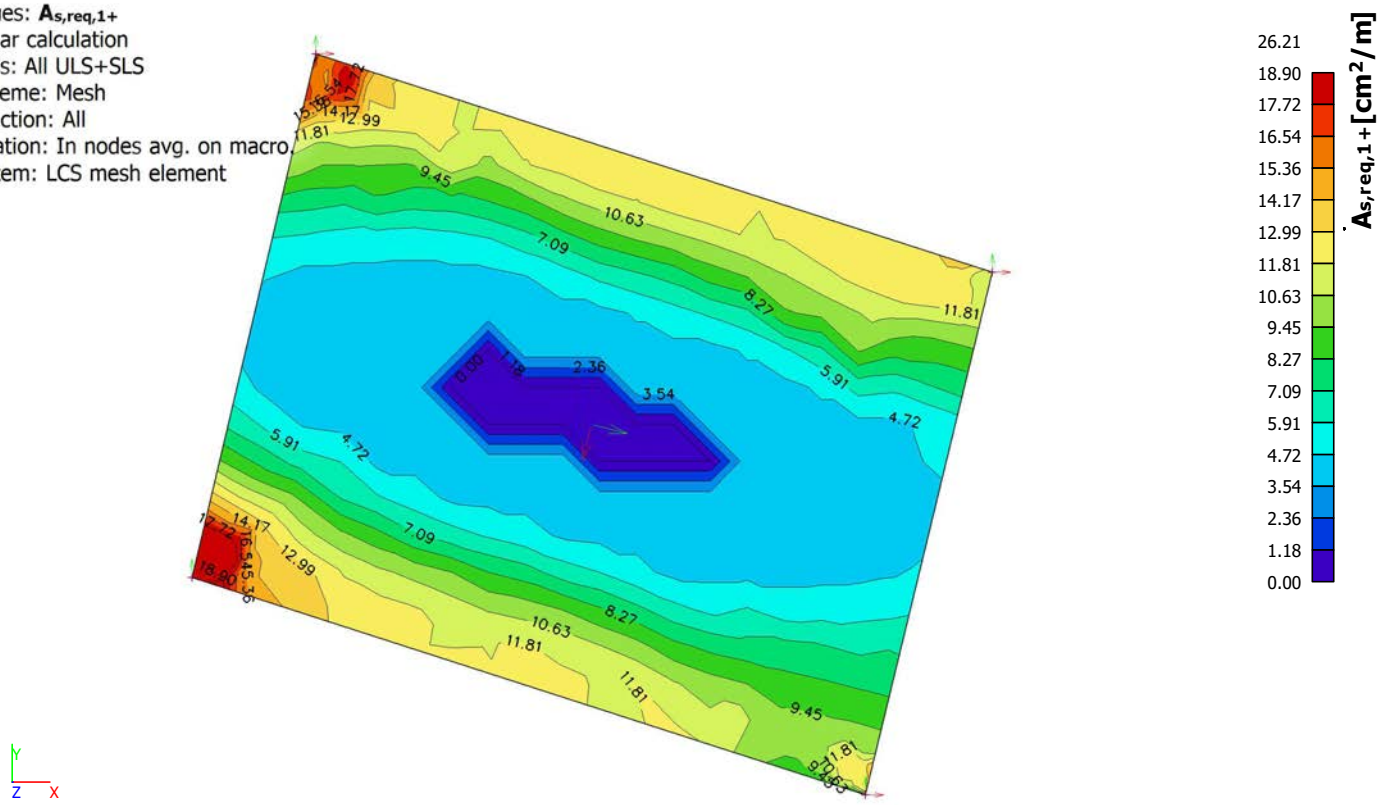


5. Dimenzioniranje

5.1. Talna plošča

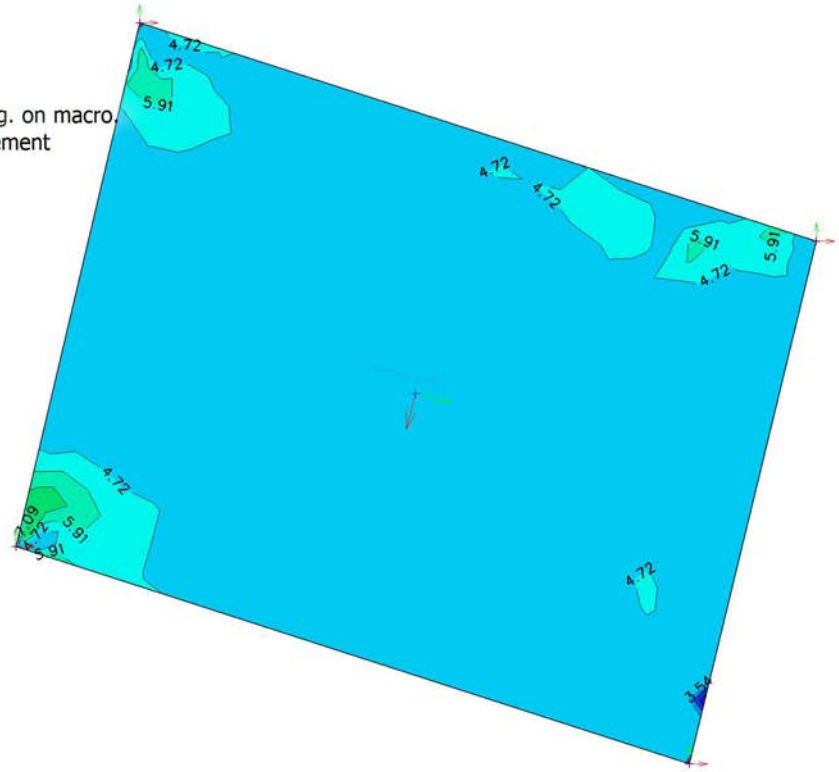
5.1.1. Reinforcement 2D design; As,req,1+

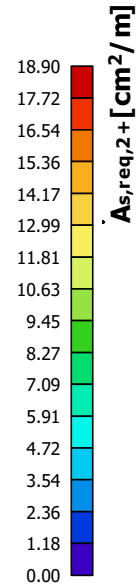
Values: $A_{s,req,1+}$
Linear calculation
Class: All ULS+SLS
Extreme: Mesh
Selection: All
Location: In nodes avg. on macro
System: LCS mesh element



5.1.2. Reinforcement 2D design; As,req,2+

Values: $A_{s,req,2+}$
Linear calculation
Class: All ULS+SLS
Extreme: Mesh
Selection: All
Location: In nodes avg. on macro.
System: LCS mesh element

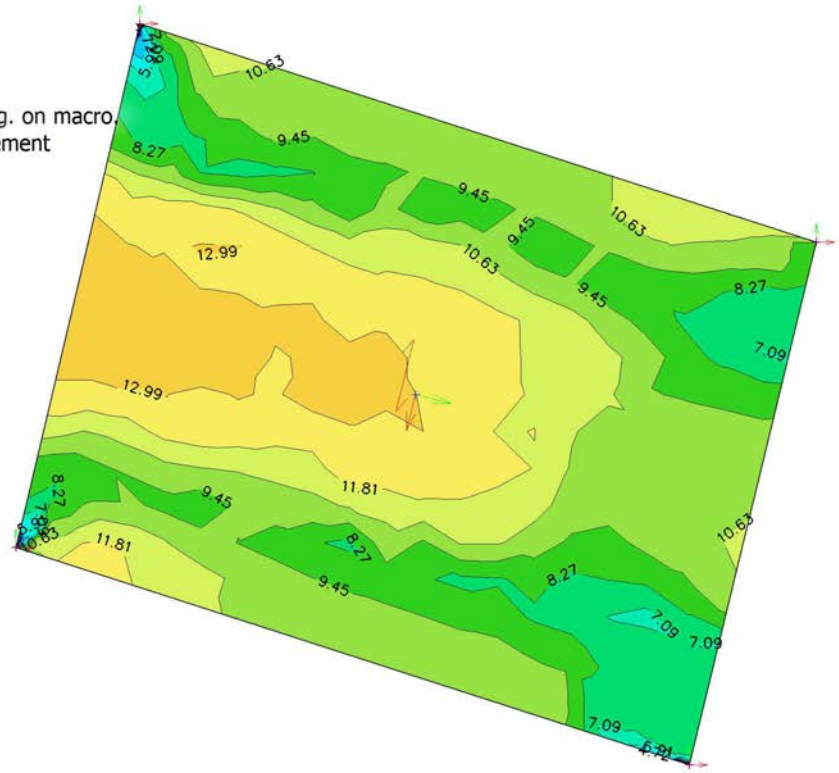


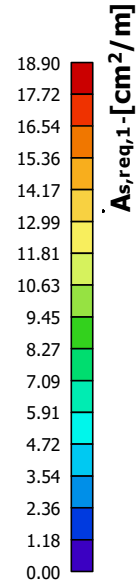




5.1.3. Reinforcement 2D design; As,req,1-

Values: $A_{s,req,1-}$
Linear calculation
Class: All ULS+SLS
Extreme: Mesh
Selection: All
Location: In nodes avg. on macro.
System: LCS mesh element

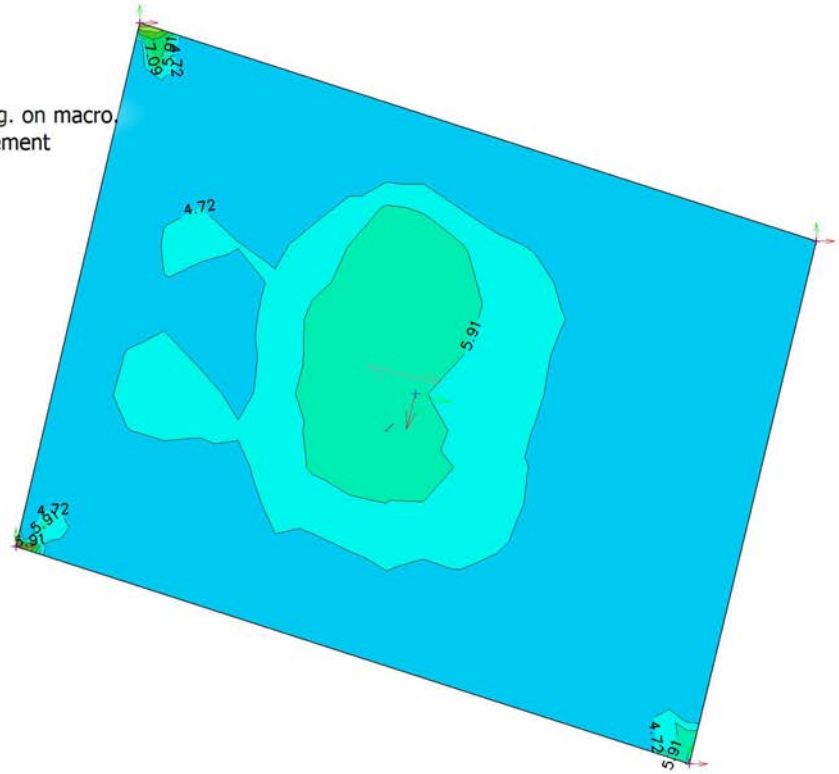


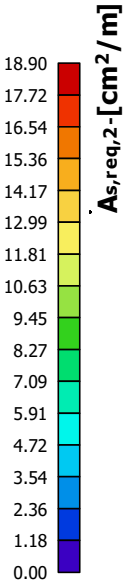




5.1.4. Reinforcement 2D design; As,req,2-

Values: $A_{s,req,2-}$
Linear calculation
Class: All ULS+SLS
Extreme: Mesh
Selection: All
Location: In nodes avg. on macro.
System: LCS mesh element

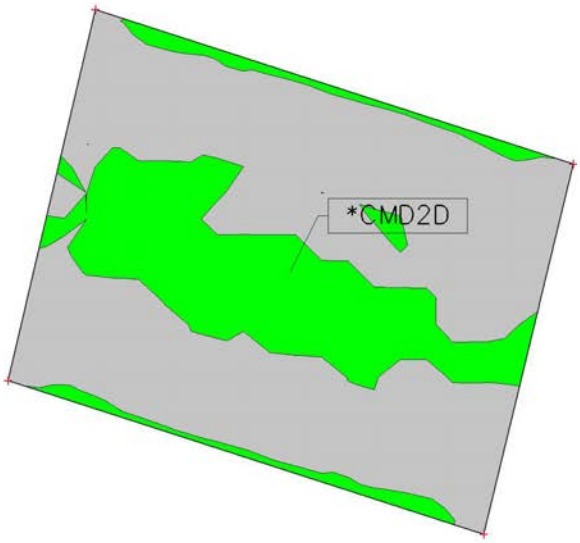


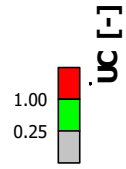




5.1.5. Crack width (SLS); UC

Values: **UC**
Linear calculation
Class: All SLS
Extreme: Member
Selection: All
Location: In nodes avg. on macro.
System: LCS mesh element



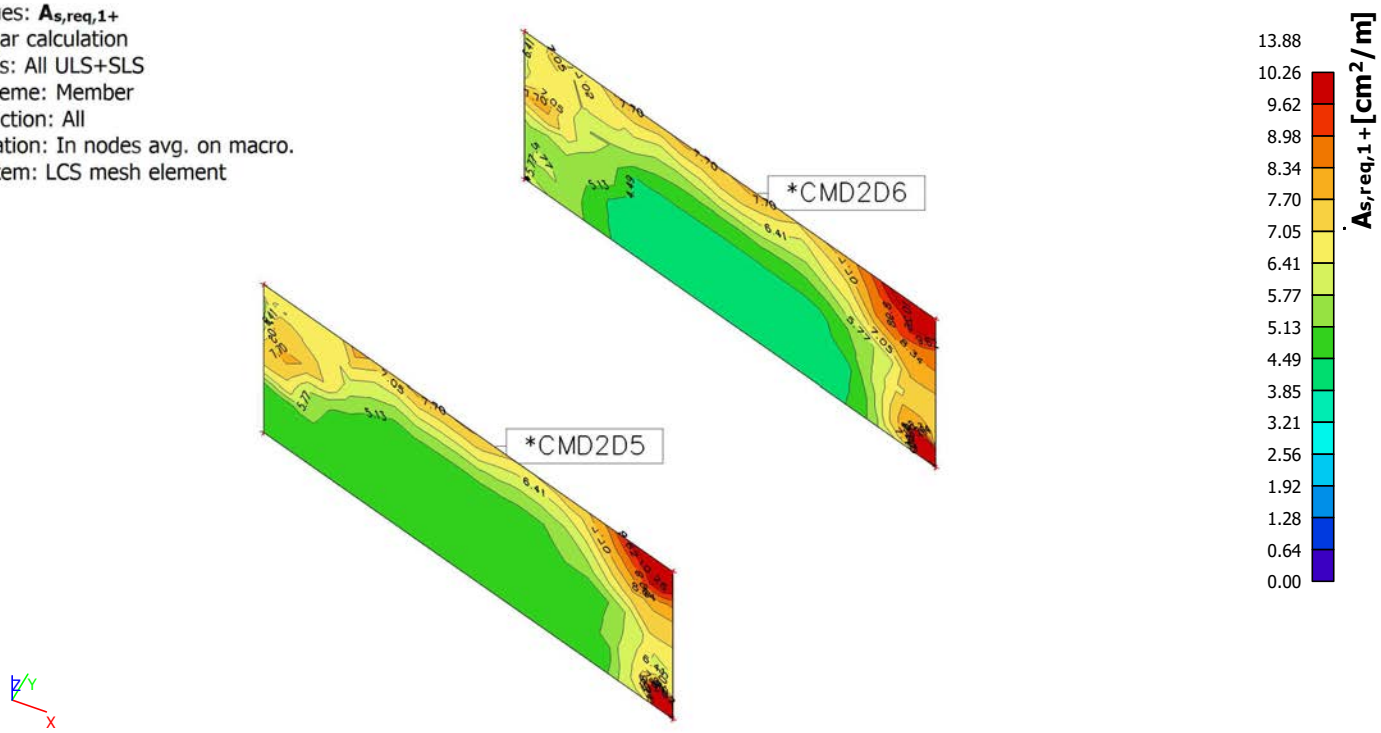




5.2. Oporniki

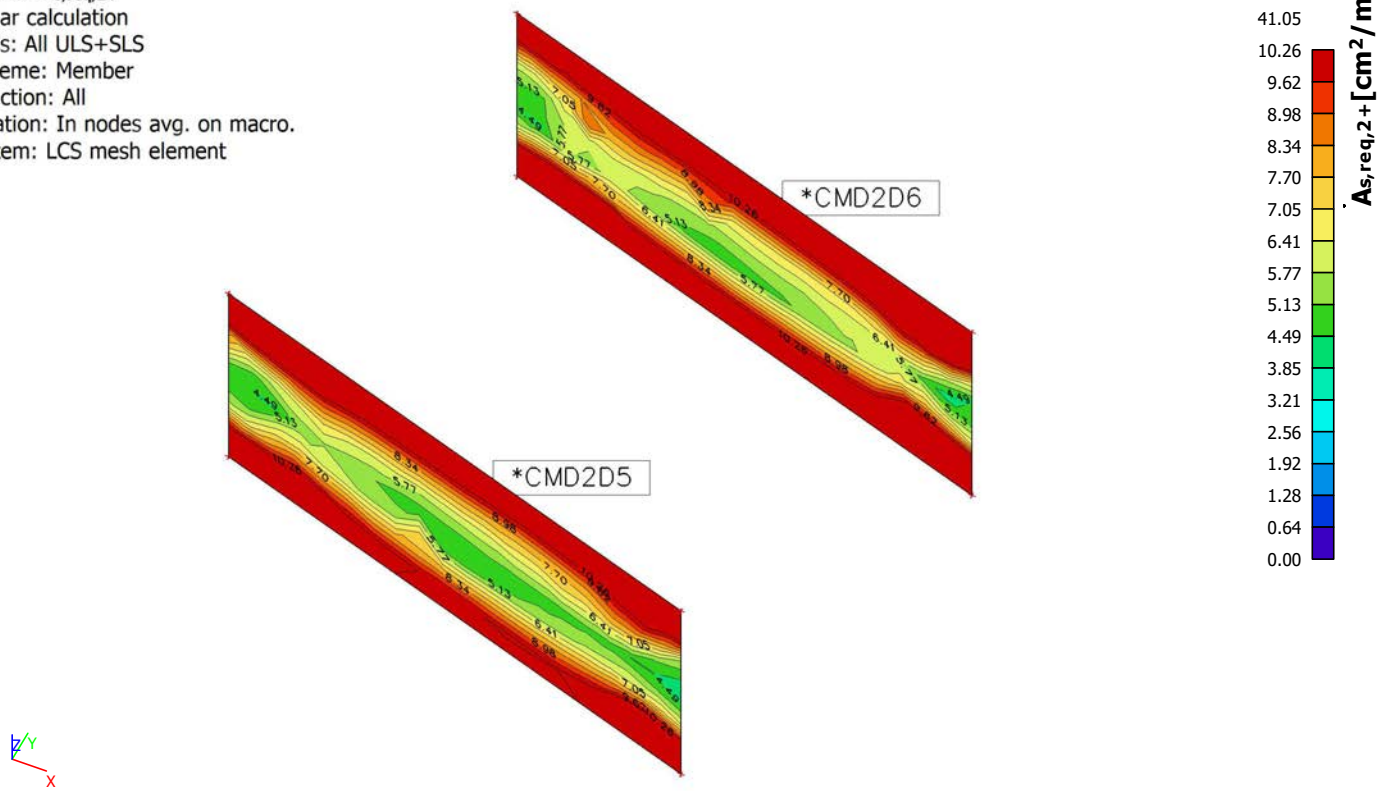
5.2.1. Reinforcement 2D design; As,req,1+

Values: $A_{s,req,1+}$
Linear calculation
Class: All ULS+SLS
Extreme: Member
Selection: All
Location: In nodes avg. on macro.
System: LCS mesh element



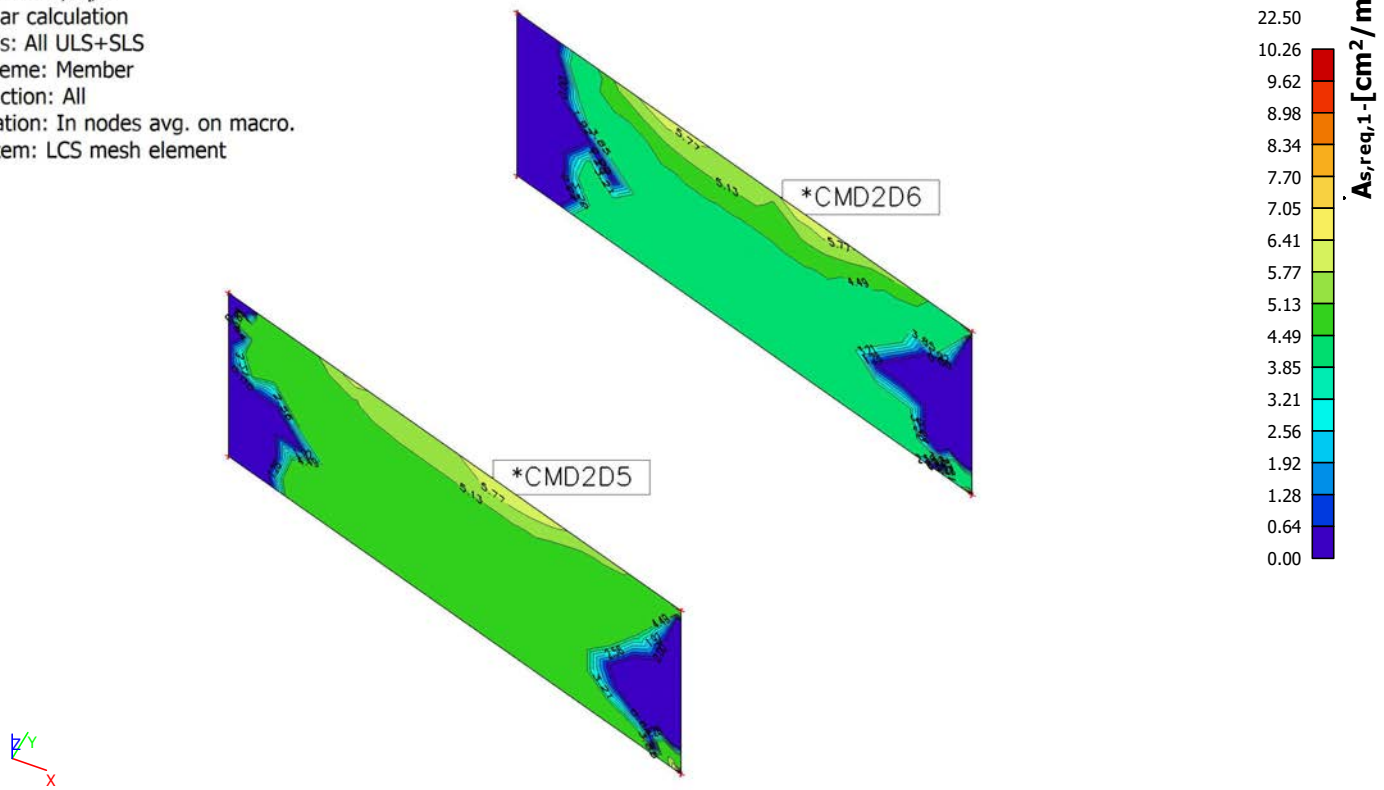
5.2.2. Reinforcement 2D design; As,req,2+

Values: $A_{s,req,2+}$
Linear calculation
Class: All ULS+SLS
Extreme: Member
Selection: All
Location: In nodes avg. on macro.
System: LCS mesh element



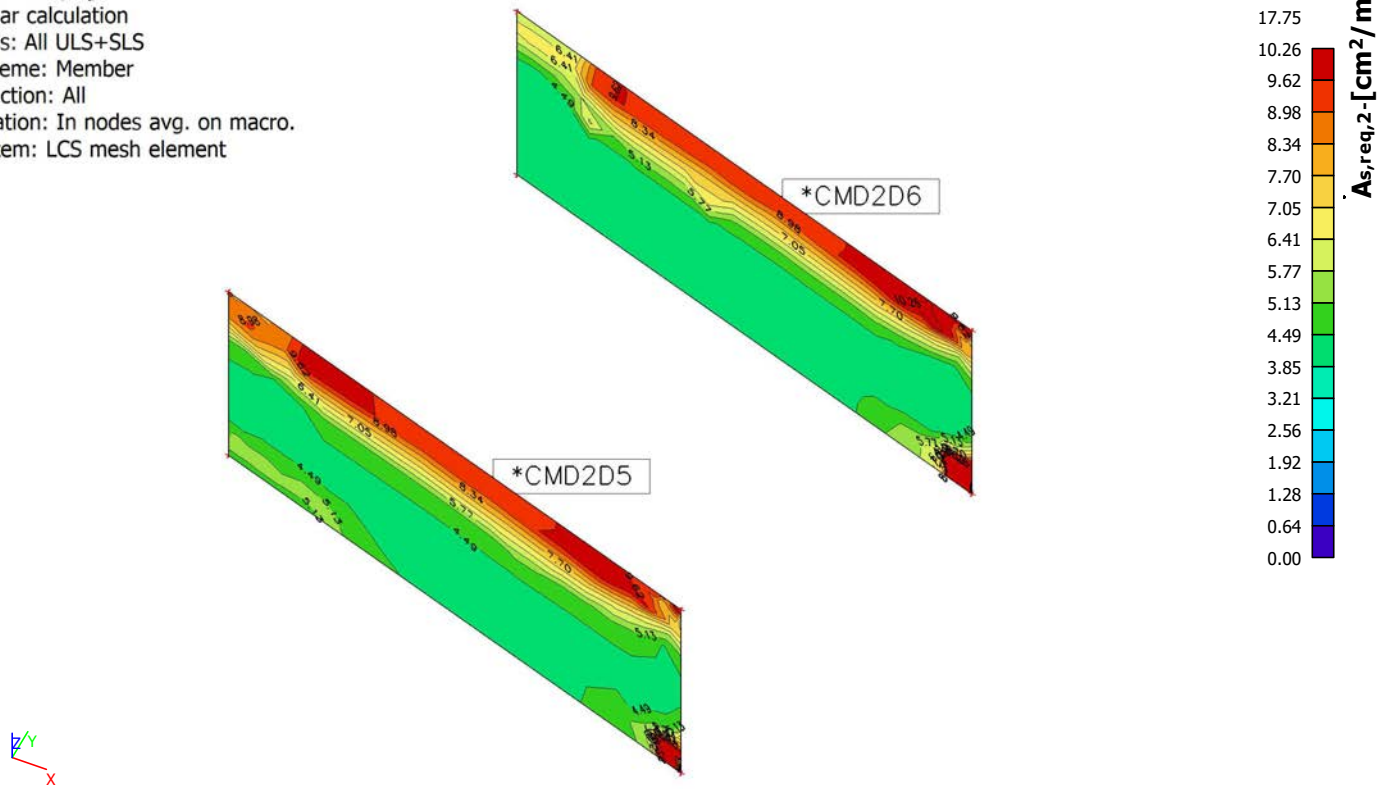
5.2.3. Reinforcement 2D design; As,req,1-

Values: $A_{s,req,1-}$
Linear calculation
Class: All ULS+SLS
Extreme: Member
Selection: All
Location: In nodes avg. on macro.
System: LCS mesh element



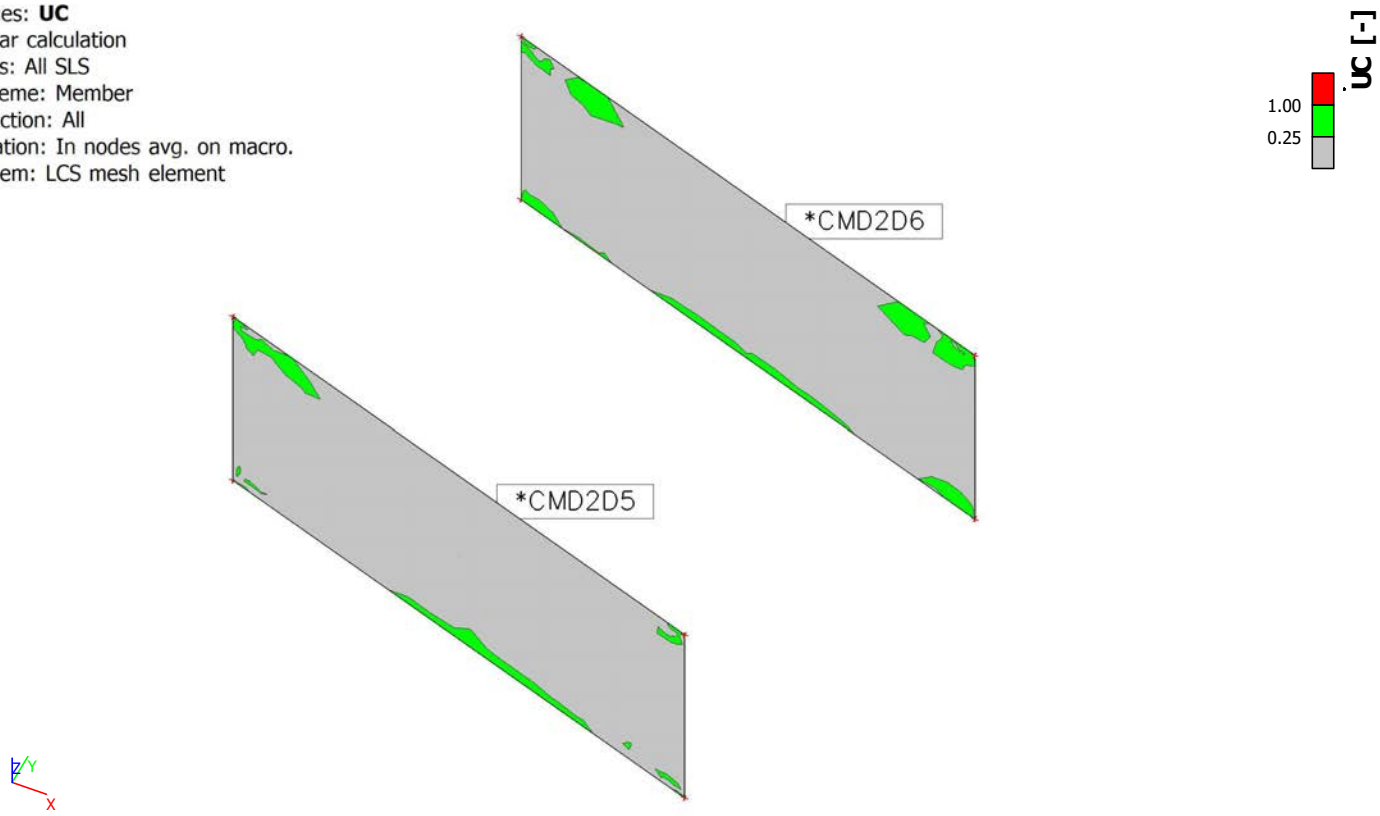
5.2.4. Reinforcement 2D design; As,req,2-

Values: $A_{s,req,2-}$
Linear calculation
Class: All ULS+SLS
Extreme: Member
Selection: All
Location: In nodes avg. on macro.
System: LCS mesh element



5.2.5. Crack width (SLS); UC

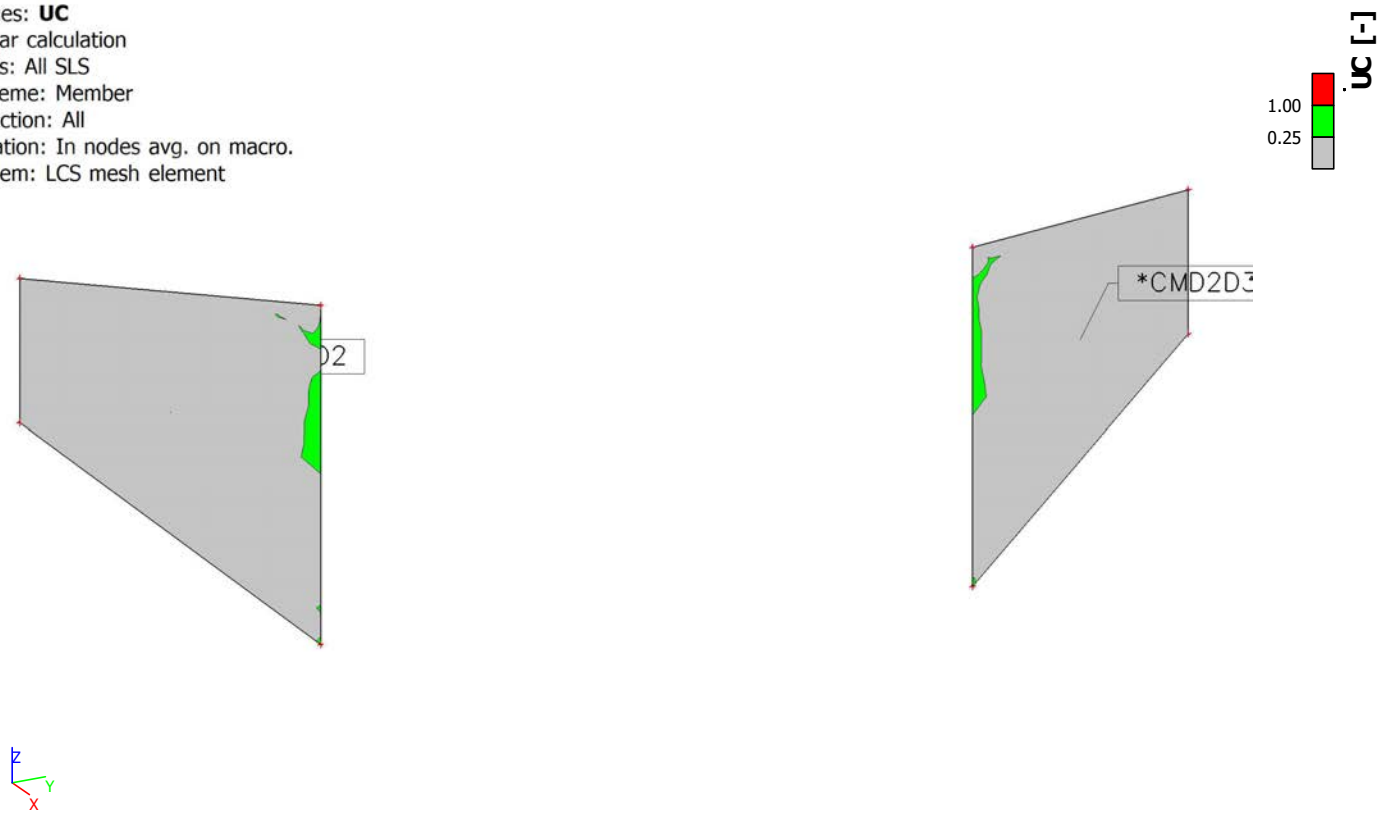
Values: **UC**
Linear calculation
Class: All SLS
Extreme: Member
Selection: All
Location: In nodes avg. on macro.
System: LCS mesh element



5.3. Krila gorvodno

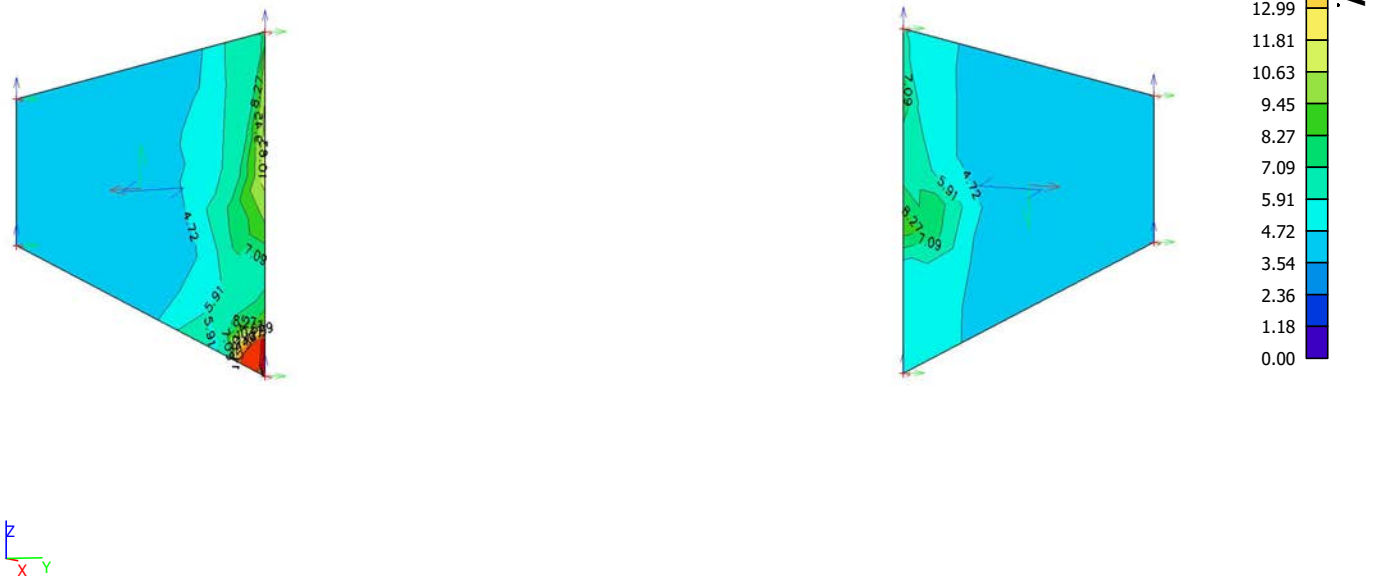
5.3.1. Crack width (SLS); UC

Values: **UC**
Linear calculation
Class: All SLS
Extreme: Member
Selection: All
Location: In nodes avg. on macro.
System: LCS mesh element



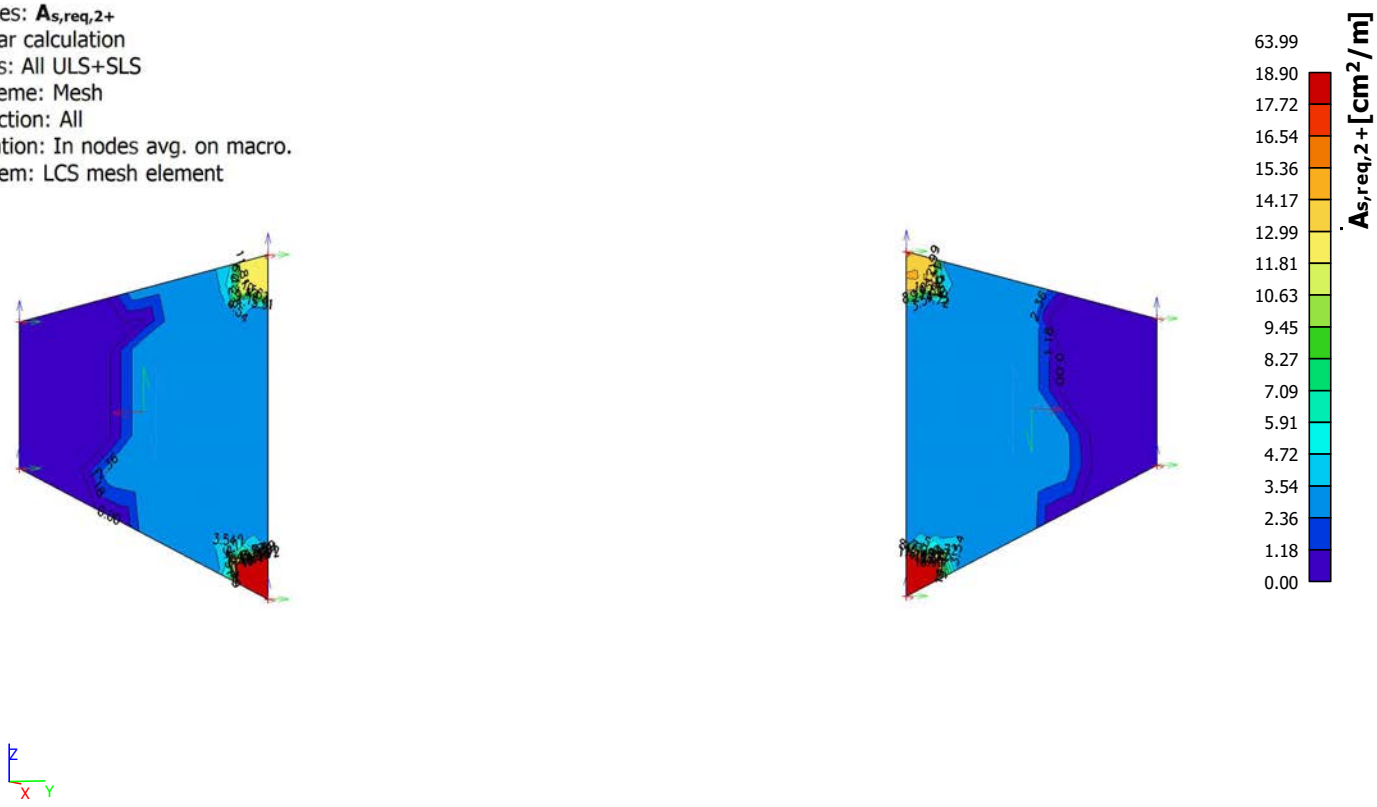
5.3.2. Reinforcement 2D design; As,req,1+

Values: $A_{s,req,1+}$
Linear calculation
Class: All ULS+SLS
Extreme: Mesh
Selection: All
Location: In nodes avg. on macro.
System: LCS mesh element



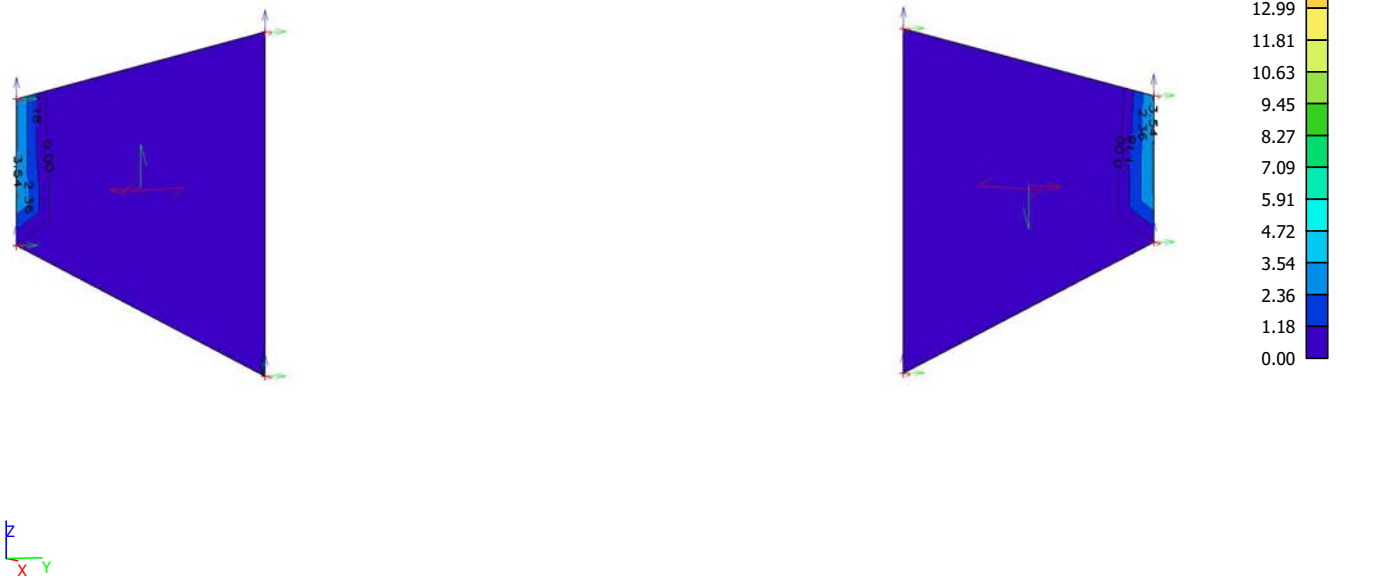
5.3.3. Reinforcement 2D design; As,req,2+

Values: $A_{s,req,2+}$
Linear calculation
Class: All ULS+SLS
Extreme: Mesh
Selection: All
Location: In nodes avg. on macro.
System: LCS mesh element



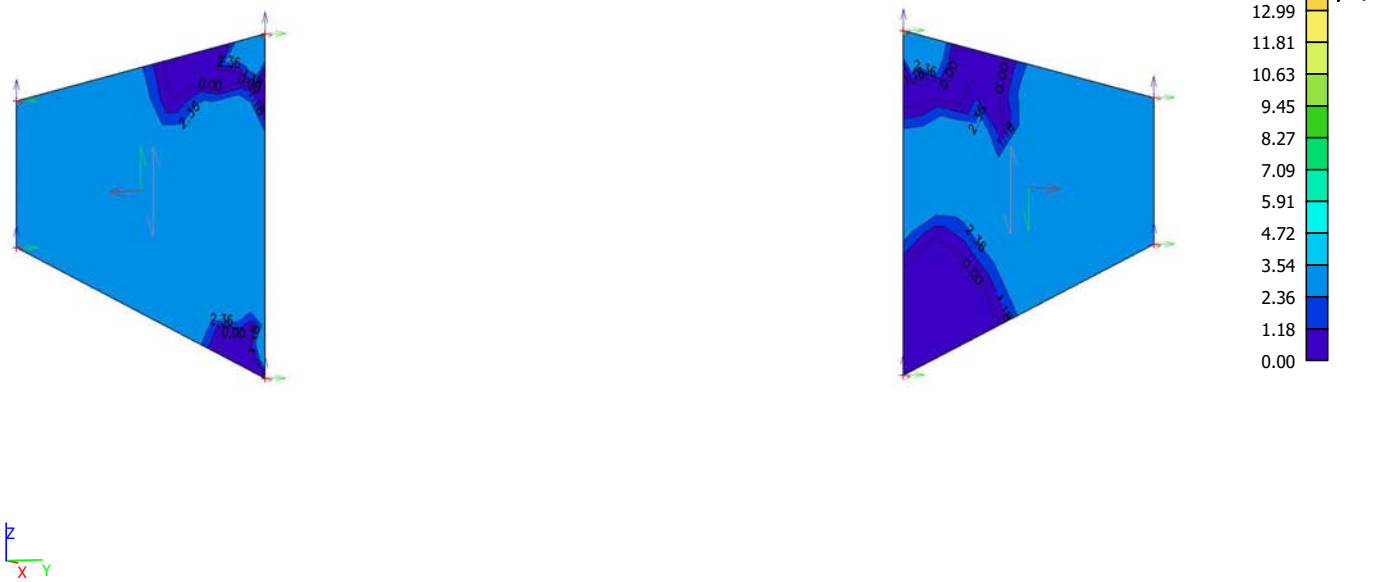
5.3.4. Reinforcement 2D design; As,req,1-

Values: $A_{s,req,1-}$
Linear calculation
Class: All ULS+SLS
Extreme: Mesh
Selection: All
Location: In nodes avg. on macro.
System: LCS mesh element



5.3.5. Reinforcement 2D design; As,req,2-

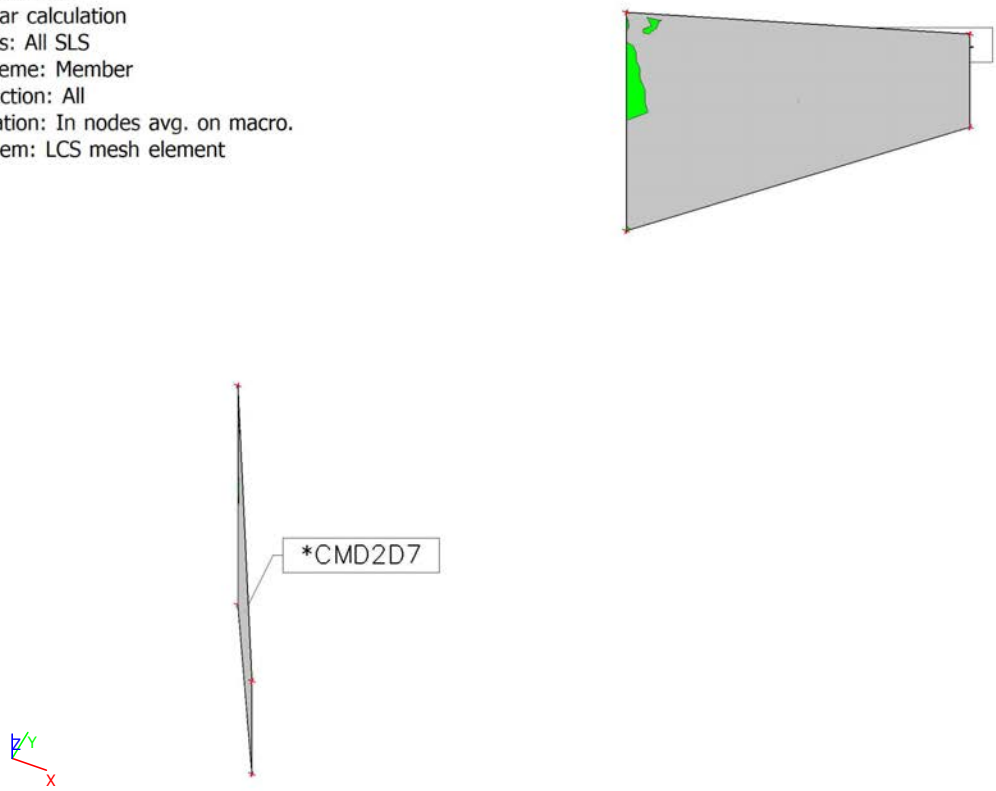
Values: $A_{s,req,2-}$
Linear calculation
Class: All ULS+SLS
Extreme: Mesh
Selection: All
Location: In nodes avg. on macro.
System: LCS mesh element



5.4. Krila dolvodno

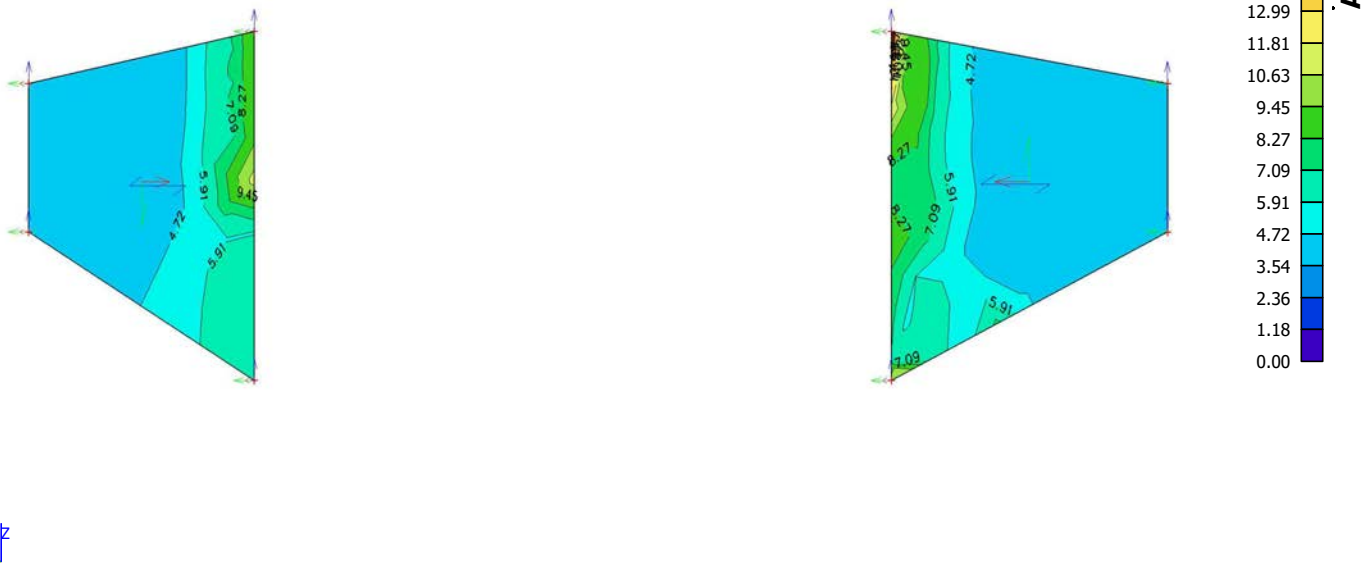
5.4.1. Crack width (SLS); UC

Values: **UC**
Linear calculation
Class: All SLS
Extreme: Member
Selection: All
Location: In nodes avg. on macro.
System: LCS mesh element



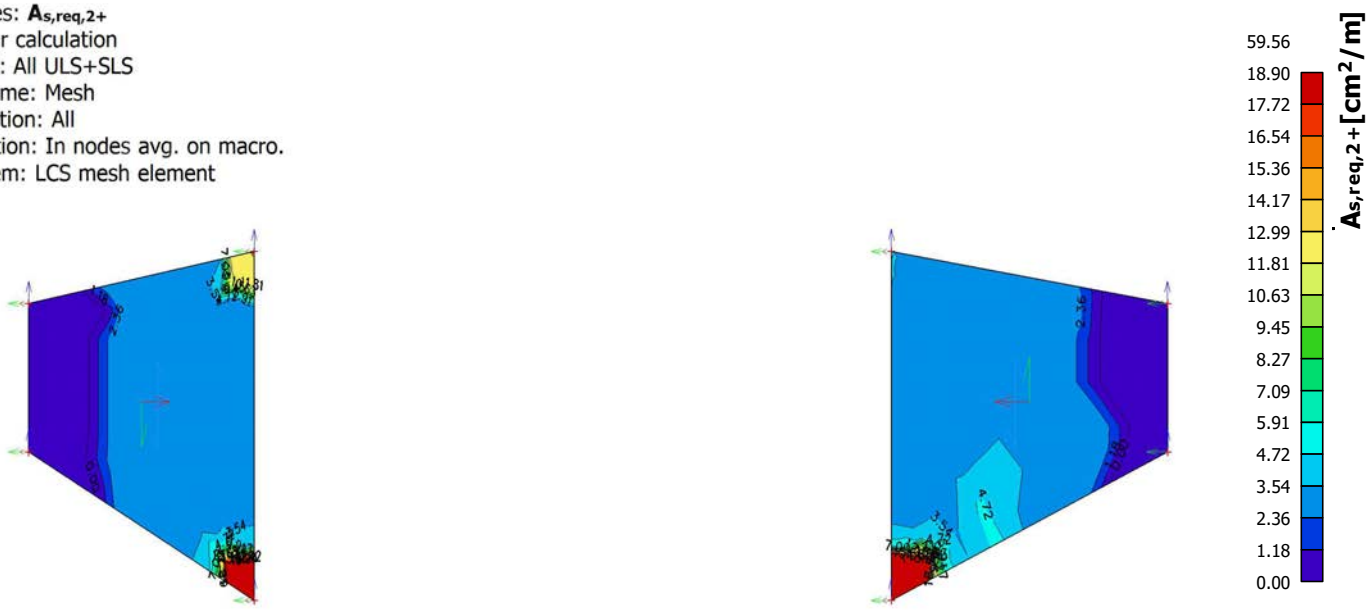
5.4.2. Reinforcement 2D design; As,req,1+

Values: $A_{s,req,1+}$
Linear calculation
Class: All ULS+SLS
Extreme: Mesh
Selection: All
Location: In nodes avg. on macro.
System: LCS mesh element



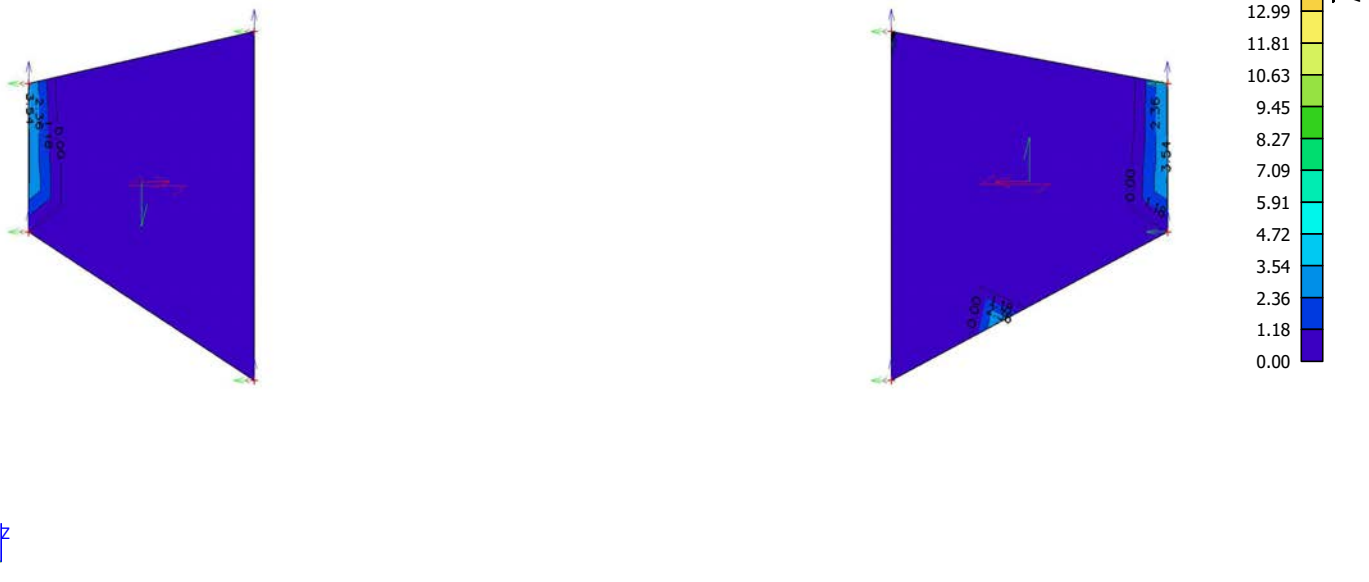
5.4.3. Reinforcement 2D design; As,req,2+

Values: $A_{s,req,2+}$
Linear calculation
Class: All ULS+SLS
Extreme: Mesh
Selection: All
Location: In nodes avg. on macro.
System: LCS mesh element



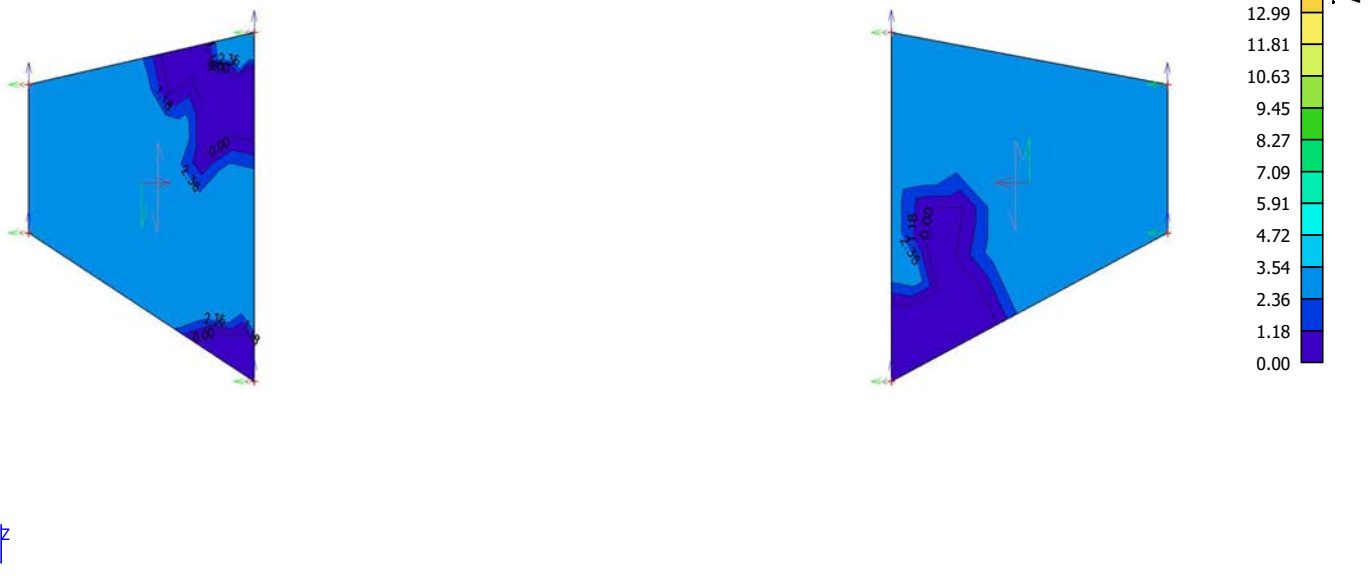
5.4.4. Reinforcement 2D design; As,req,1-

Values: $A_{s,req,1-}$
Linear calculation
Class: All ULS+SLS
Extreme: Mesh
Selection: All
Location: In nodes avg. on macro.
System: LCS mesh element



5.4.5. Reinforcement 2D design; As,req,2-

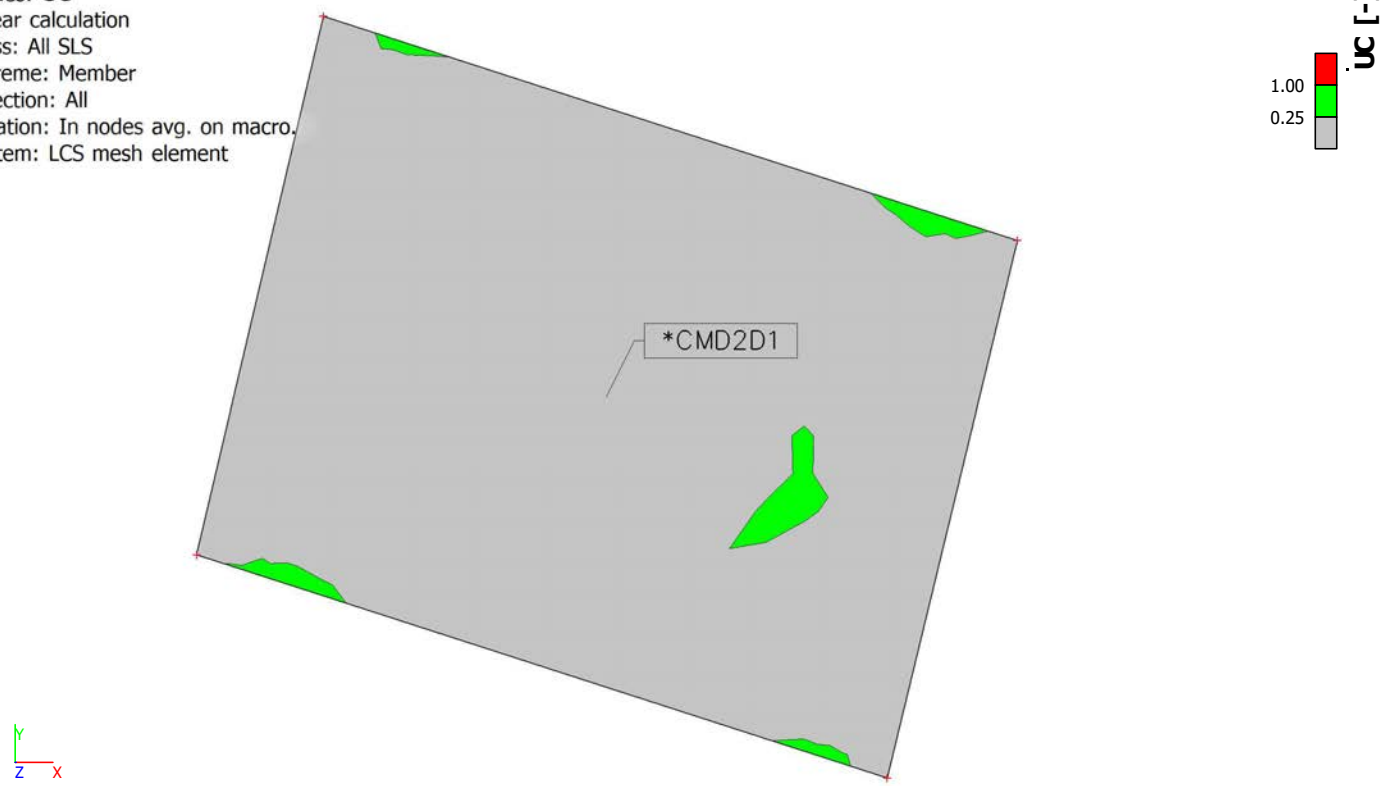
Values: $A_{s,req,2-}$
Linear calculation
Class: All ULS+SLS
Extreme: Mesh
Selection: All
Location: In nodes avg. on macro.
System: LCS mesh element



5.5. Premostitvena plošča

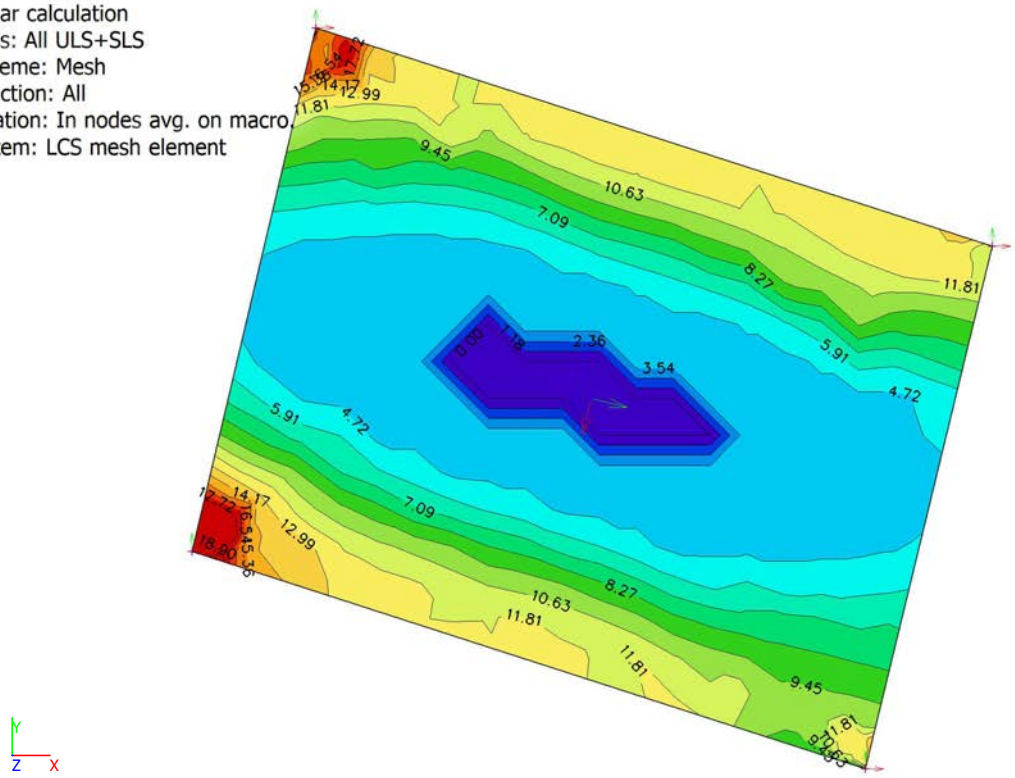
5.5.1. Crack width (SLS); UC

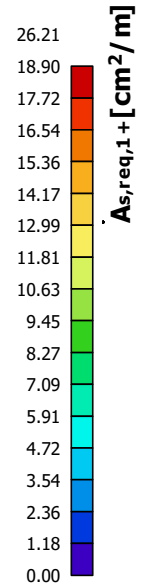
Values: **UC**
Linear calculation
Class: All SLS
Extreme: Member
Selection: All
Location: In nodes avg. on macro.
System: LCS mesh element



5.5.2. Reinforcement 2D design; As,req,1+

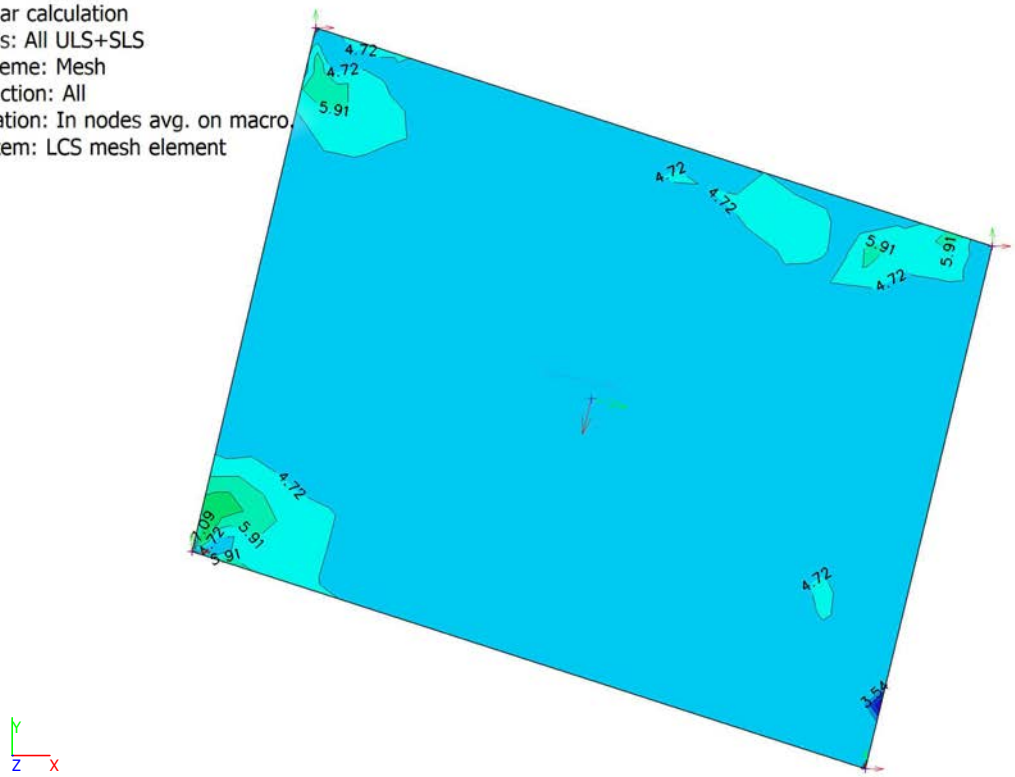
Values: $A_{s,req,1+}$
Linear calculation
Class: All ULS+SLS
Extreme: Mesh
Selection: All
Location: In nodes avg. on macro.
System: LCS mesh element

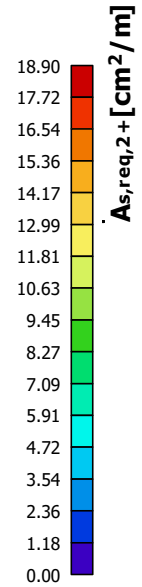




5.5.3. Reinforcement 2D design; As,req,2+

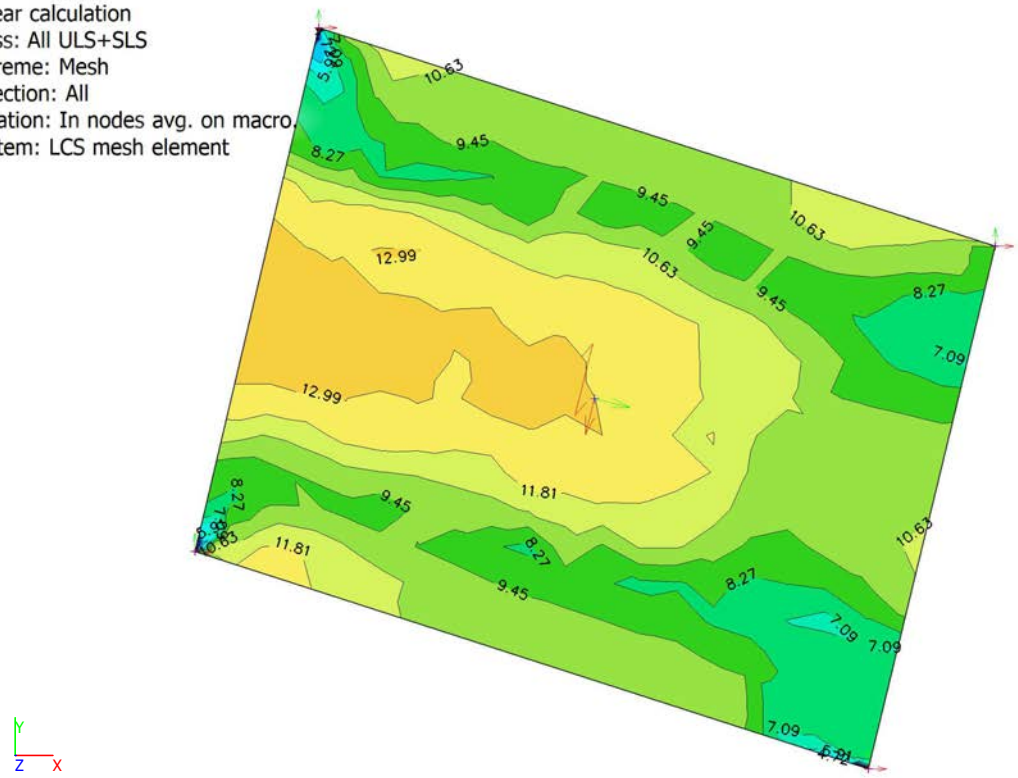
Values: $A_{s,req,2+}$
Linear calculation
Class: All ULS+SLS
Extreme: Mesh
Selection: All
Location: In nodes avg. on macro.
System: LCS mesh element

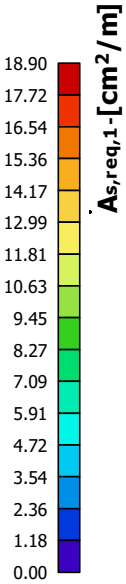




5.5.4. Reinforcement 2D design; As,req,1-

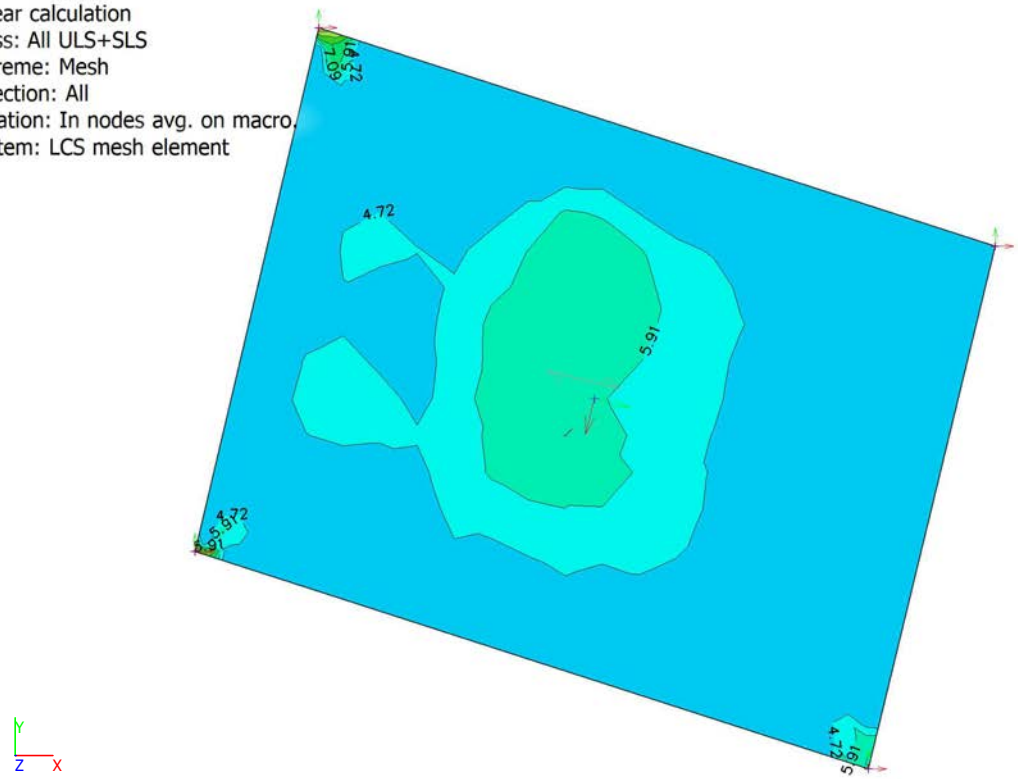
Values: $A_{s,req,1-}$
Linear calculation
Class: All ULS+SLS
Extreme: Mesh
Selection: All
Location: In nodes avg. on macro.
System: LCS mesh element

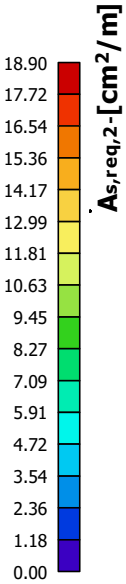




5.5.5. Reinforcement 2D design; As,req,2-

Values: $A_{s,req,2-}$
Linear calculation
Class: All ULS+SLS
Extreme: Mesh
Selection: All
Location: In nodes avg. on macro.
System: LCS mesh element





6. Deformacije

6.1. Talna plošča

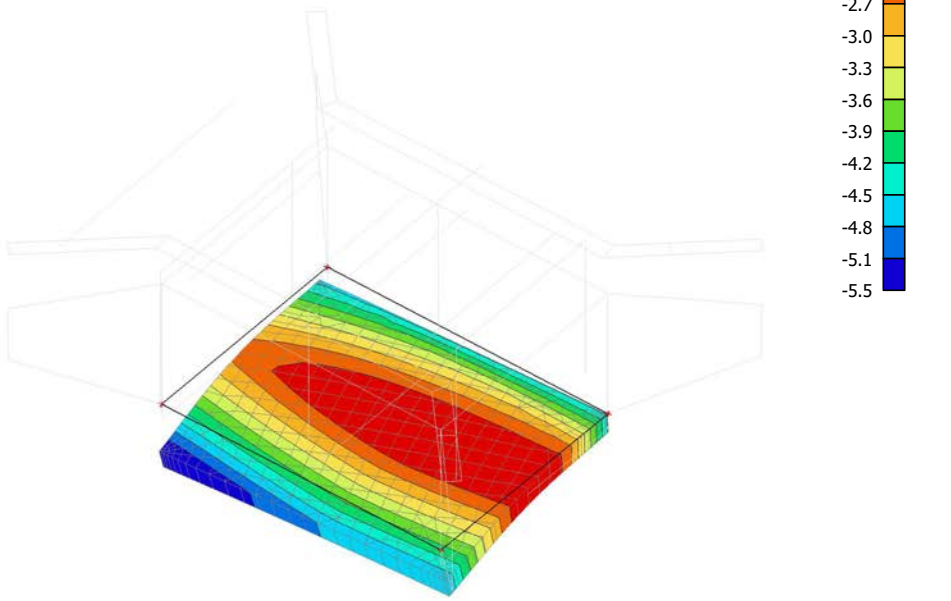
Linear calculation
Class: All SLS
Selection: temeljna plošča
Location: In nodes avg. on macro. System: LCS mesh element
Results on 2D member:
Extreme 2D: Global

Name	Mesh	Position [m]	Case	ux+ [mm] ux- [mm]	uy+ [mm] uy- [mm]	uz+ [mm] uz- [mm]	φx [mrad]	φy [mrad]	φz [mrad]	U total+ [mm] U total- [mm]
temeljna plošča	Element: 253 Node: 4	11,067 -5,448 0,000	MSU karakteristična/1	**-5,9** **-5,4**	-0,6 -0,6	1,1 1,1	-0,2	-1,6	0,2	6,0 5,5
temeljna plošča	Element: 187 Node: 2	6,608 0,561 0,000	MSU karakteristična/2	**5,9** **5,4**	0,6 0,6	1,1 1,1	0,2	1,6	0,2	6,1 5,5
temeljna plošča	Element: 227 Node: 3	12,097 -1,209 0,000	MSU karakteristična/3	2,2 2,1	**-1,8** **-1,8**	-0,6 -0,6	0,0	0,3	0,1	2,9 2,8
temeljna plošča	Element: 162 Node: 1	5,604 -3,685 0,000	MSU karakteristična/4	-2,2 -2,1	**1,7** **1,8**	-0,6 -0,6	0,0	-0,3	0,1	2,9 2,8
temeljna plošča	Element: 162 Node: 1	5,604 -3,685 0,000	MSU karakteristična/5	0,5 0,2	0,2 0,3	**-4,1** **-4,1**	0,3	0,9	0,1	4,1 4,1
temeljna plošča	Element: 207 Node: 265	9,652 -0,420 0,000	MSU karakteristična/6	4,7 4,2	-0,3 -0,3	**1,1** **1,1**	0,1	1,5	0,1	4,9 4,4
temeljna plošča	Element: 253 Node: 4	11,067 -5,448 0,000	MSU karakteristična/7	-5,2 -4,6	0,3 0,3	1,0 1,0	**-0,2**	-1,6	0,2	5,3 4,7
temeljna plošča	Element: 162 Node: 1	5,604 -3,685 0,000	MSU karakteristična/8	0,5 0,2	0,2 0,3	-4,1 -4,1	**0,3**	0,9	0,1	4,1 4,1
temeljna plošča	Element: 204 Node: 264	9,353 -0,324 0,000	MSU karakteristična/9	-4,8 -4,2	-0,3 -0,3	-3,4 -3,4	-0,1	**-1,8**	0,1	5,9 5,4
temeljna plošča	Element: 269 Node: 359	8,336 -4,567 0,000	MSU karakteristična/10	4,8 4,2	0,3 0,3	-3,4 -3,4	0,1	**1,8**	0,1	5,9 5,4
temeljna plošča	Element: 225 Node: 288	12,009 -1,181 0,000	MSU karakteristična/2	5,1 4,5	-1,1 -1,1	1,1 1,1	0,1	1,5	**0,0**	5,3 4,8
temeljna plošča	Element: 189 Node: 242	6,697 0,533 0,000	MSU karakteristična/11	3,7 3,5	0,3 0,3	-0,6 -0,6	0,1	0,4	**0,3**	3,7 3,6
temeljna plošča	Element: 74 Node: 97	8,909 -2,443 0,000	MSU karakteristična/12	0,0 0,0	0,0 0,0	-0,7 -0,7	0,0	0,0	0,1	**0,7** **0,7**
temeljna plošča	Element: 162 Node: 1	5,604 -3,685 0,000	MSU karakteristična/13	5,5 4,9	-0,2 -0,2	-3,3 -3,3	0,1	1,6	0,1	**6,4** **5,9**

Name	Combination key
MSU karakteristična/1	LC1.1 + LC1.2 + LC2.4 + 0.60*LC2.5.2 + LC1.3 + LC1.4 + LC2.3.2
MSU karakteristična/2	LC1.1 + LC1.2 + LC2.4 + 0.60*LC2.5.2 + LC1.3 + LC1.4 + LC2.3.1
MSU karakteristična/3	LC1.1 + LC1.2 + LC2.4 + LC2.5.2 + LC1.3 + LC1.4 + 0.75*LC2.2.2
MSU karakteristična/4	LC1.1 + LC1.2 + LC2.4 + LC2.5.2 + LC1.3 + LC1.4 + 0.75*LC2.2.1
MSU karakteristična/5	LC1.1 + LC1.2 + 0.60*LC2.5.3 + LC1.3 + LC1.4 + LC2.1.2 + LC2.1.a

Name	Combination key
MSU karakteristična/6	LC1.1 + LC1.2 + 0.60*LC2.5.4 + LC1.3 + LC1.4 + LC2.3.1
MSU karakteristična/7	LC1.1 + LC1.2 + 0.60*LC2.5.4 + LC1.3 + LC1.4 + LC2.3.2
MSU karakteristična/8	LC1.1 + LC1.2 + 0.60*LC2.5.4 + LC1.3 + LC1.4 + LC2.1.2 + LC2.1.a
MSU karakteristična/9	LC1.1 + LC1.2 + 0.60*LC2.5.3 + LC1.3 + LC1.4 + LC2.3.2
MSU karakteristična/10	LC1.1 + LC1.2 + 0.60*LC2.5.3 + LC1.3 + LC1.4 + LC2.3.1
MSU karakteristična/11	LC1.1 + LC1.2 + LC2.4 + 0.60*LC2.5.2 + LC1.3 + LC1.4 + LC2.2.2
MSU karakteristična/12	LC1.1 + LC1.2 + LC2.5.3 + LC1.3 + LC1.4
MSU karakteristična/13	LC1.1 + LC1.2 + 0.60*LC2.5.1 + LC1.3 + LC1.4 + LC2.3.1

Values: u_z
Linear calculation
Class: All ULS
Selection: All
Location: In nodes avg. on macro.
System: LCS mesh element





6.2. Oporniki

6.2.1. 3D displacement

Linear calculation
Class: All SLS
Selection: levi opornik, desni opornik
Location: In nodes avg. on macro. System: LCS mesh element
Results on 2D member:
Extreme 2D: Global

Name	Mesh	Position [m]	Case	ux+ [mm] ux- [mm]	uy+ [mm] uy- [mm]	uz+ [mm] uz- [mm]	φx [mrad]	φy [mrad]	φz [mrad]	U total+ [mm] U total- [mm]
levi opornik	Element: 523 Node: 594	12,097 -1,209 2,310	MSU karakteristična/1	**-1,7** -1,7	1,7 1,7	-3,1 -3,2	0,3	0,0	-0,1	3,9 4,0
desni opornik	Element: 754 Node: 801	5,604 -3,685 0,093	MSU karakteristična/2	**1,6** 1,6	-0,7 -0,7	-2,3 -2,4	-0,3	0,0	0,1	2,9 2,9
levi opornik	Element: 523	12,097 -1,209	MSU karakteristična/3	-1,7 **-1,7**	3,4 3,4	-0,3 -0,3	0,0	0,1	-0,2	3,8 3,8

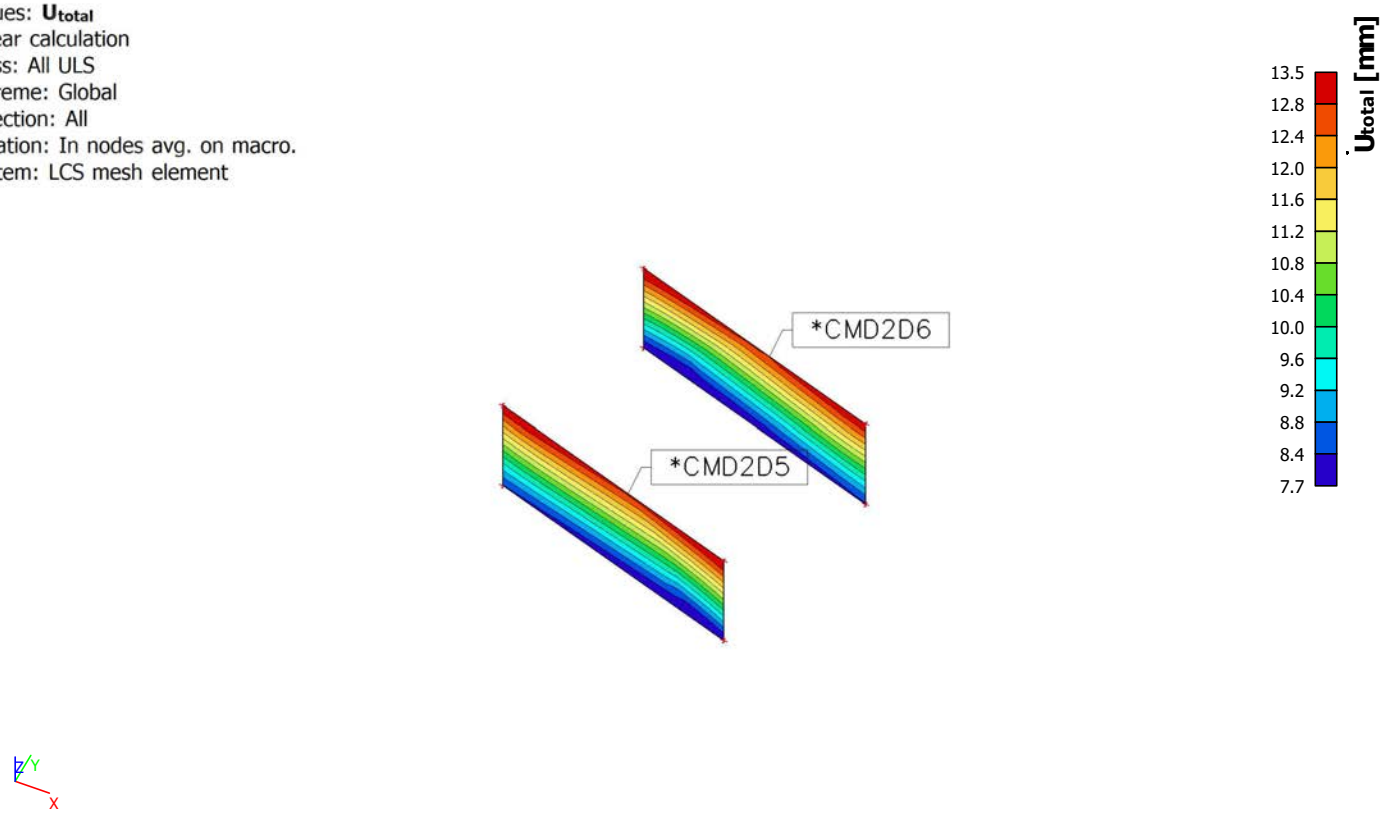
Name	Mesh	Position [m]	Case	ux+ [mm] ux- [mm]	uy+ [mm] uy- [mm]	uz+ [mm] uz- [mm]	φx [mrad]	φy [mrad]	φz [mrad]	U total+ [mm] U total- [mm]
	Node: 6	2,350								
desni opornik	Element: 738 Node: 771	5,604 -3,685 2,310	MSU karakteristična/2	1,6 **1,6**	-1,7 -1,7	-3,1 -3,2	-0,3	0,0	-0,1	3,9 3,9
desni opornik	Element: 738 Node: 7	5,604 -3,685 2,350	MSU karakteristična/4	0,7 0,7	**-4,8** **-4,8**	0,7 0,8	0,2	-0,1	0,1	4,9 4,9
levi opornik	Element: 494 Node: 5	6,608 0,561 2,350	MSU karakteristična/5	0,4 0,4	**4,1** **4,1**	-0,5 -0,5	0,1	-0,3	0,0	4,2 4,2
desni opornik	Element: 739 Node: 773	5,642 -3,698 2,350	MSU karakteristična/6	0,1 0,2	-3,0 -3,0	**9,2** 9,7	1,5	0,0	-0,1	9,6 10,1
levi opornik	Element: 494 Node: 5	6,608 0,561 2,350	MSU karakteristična/7	1,0 1,0	-0,4 -0,4	**-9,6** **-10,2**	1,6	-0,3	0,0	**9,6** **10,2**
desni opornik	Element: 738 Node: 7	5,604 -3,685 2,350	MSU karakteristična/6	0,1 0,2	-3,0 -3,0	9,1 **9,7**	1,6	0,0	-0,1	9,6 10,1
levi opornik	Element: 463 Node: 488	10,364 -0,650 0,911	MSU karakteristična/8	-0,6 -0,6	3,4 3,4	6,0 6,6	**-2,0**	-0,1	0,0	6,9 7,5
desni opornik	Element: 698 Node: 720	7,329 -4,242 0,839	MSU karakteristična/9	0,6 0,6	-3,4 -3,4	5,9 6,5	**2,0**	0,1	0,0	6,8 7,4
levi opornik	Element: 485 Node: 521	6,608 0,561 1,350	MSU karakteristična/10	-0,1 -0,2	3,6 3,6	-0,1 -0,1	-0,3	**-0,5**	-0,1	3,6 3,6
desni opornik	Element: 794 Node: 847	11,067 -5,448 1,350	MSU karakteristična/11	0,0 0,0	-3,7 -3,7	0,2 0,3	0,6	**0,4**	0,0	3,7 3,7
levi opornik	Element: 478 Node: 507	6,608 0,561 0,093	MSU karakteristična/12	-0,2 -0,3	3,4 3,4	-0,4 -0,3	-0,6	-0,2	**-0,3**	3,4 3,5
desni opornik	Element: 754 Node: 801	5,604 -3,685 0,093	MSU karakteristična/13	0,3 0,2	-3,6 -3,5	0,3 0,5	0,6	0,0	**0,4**	3,6 3,6
levi opornik	Element: 519 Node: 585	11,857 -1,132 2,350	MSU karakteristična/14	0,4 0,4	0,3 0,3	0,0 -0,2	0,6	0,0	0,0	**0,6** 0,6
levi opornik	Element: 519 Node: 586	11,869 -1,136 2,272	MSU karakteristična/14	0,4 0,4	0,4 0,4	0,0 -0,2	0,6	0,0	0,0	0,6 **0,6**

Name	Combination key
MSU karakteristična/1	LC1.1 + LC1.2 + LC2.4 + LC2.5.2 + LC1.3 + LC1.4 + 0.40*LC2.1.a + 0.75*LC2.2.2
MSU karakteristična/2	LC1.1 + LC1.2 + LC2.4 + LC2.5.2 + LC1.3 + LC1.4 + 0.75*LC2.2.1
MSU karakteristična/3	LC1.1 + LC1.2 + LC2.4 + LC2.5.2 + LC1.3 + LC1.4 + 0.75*LC2.1.5 + 0.40*LC2.1.a
MSU karakteristična/4	LC1.1 + LC1.2 + LC2.4 + 0.60*LC2.5.2 + LC1.3 + LC1.4 + LC2.1.2 + LC2.1.a
MSU karakteristična/5	LC1.1 + LC1.2 + LC2.4 + 0.60*LC2.5.2 + LC1.3 + LC1.4 + LC2.1.5 + LC2.1.a
MSU karakteristična/6	LC1.1 + LC1.2 + 0.60*LC2.5.1 + LC1.3 + LC1.4 + LC2.3.1
MSU karakteristična/7	LC1.1 + LC1.2 + LC2.4 + 0.60*LC2.5.2 + LC1.3 + LC1.4 + LC2.3.1
MSU karakteristična/8	LC1.1 + LC1.2 + 0.60*LC2.5.3 + LC1.3 + LC1.4 + LC2.3.2
MSU karakteristična/9	LC1.1 + LC1.2 + 0.60*LC2.5.3 + LC1.3 + LC1.4 + LC2.3.1
MSU karakteristična/10	LC1.1 + LC1.2 + LC2.4 + 0.60*LC2.5.3 + LC1.3 + LC1.4 + LC2.1.5 + LC2.1.a
MSU karakteristična/11	LC1.1 + LC1.2 + LC2.4 + 0.60*LC2.5.3 + LC1.3 + LC1.4 + LC2.1.1 + LC2.1.a

Name	Combination key
MSU karakteristična/12	LC1.1 + LC1.2 + 0.60*LC2.5.3 + LC1.3 + LC1.4 + LC2.1.5 + LC2.1.a
MSU karakteristična/13	LC1.1 + LC1.2 + 0.60*LC2.5.3 + LC1.3 + LC1.4 + LC2.1.3 + LC2.1.a
MSU karakteristična/14	LC1.1 + LC1.2 + LC2.5.1 + LC1.3 + LC1.4 + 0.75*LC2.1.1

6.2.2. 2D displacement; U_total

Values: U_{total}
Linear calculation
Class: All ULS
Extreme: Global
Selection: All
Location: In nodes avg. on macro.
System: LCS mesh element



6.3. Krila

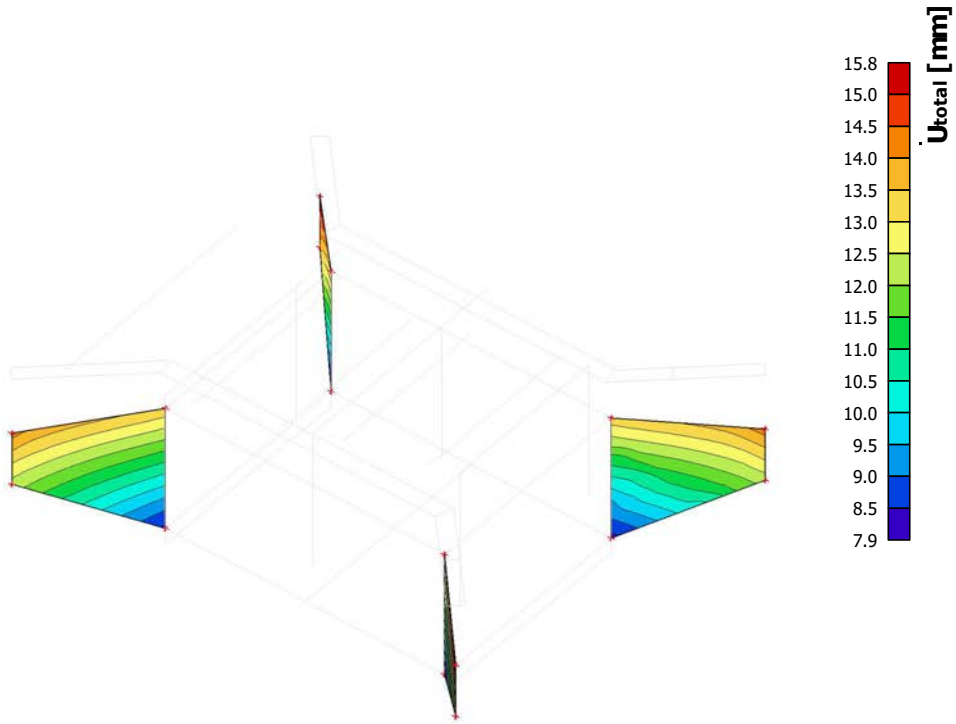
Linear calculation
Class: All SLS
Selection: GV krilo levo, GV krilo desno, DV krilo levo, DV krilo desno
Location: In nodes avg. on macro. System: LCS mesh element
Results on 2D member:
Extreme 2D: Global

Name	Mesh	Position [m]	Case	ux+ [mm] ux- [mm]	uy+ [mm] uy- [mm]	uz+ [mm] uz- [mm]	φx [mrad]	φy [mrad]	φz [mrad]	U total+ [mm] U total- [mm]
DV krilo desno	Element: 1723 Node: 15	12,163 -7,586 2,000	MSU karakteristična/1	**-7,9** **-8,1**	3,4 3,7	-7,4 -7,8	-1,3	0,8	1,3	11,3 11,8
GV krilo desno	Element: 1509 Node: 11	3,466 -4,781 2,000	MSU karakteristična/2	-3,5 -3,9	**-7,0** -7,2	5,3 5,5	1,3	-0,6	1,3	9,4 9,9
DV krilo levo	Element: 1635 Node: 14	14,236 -0,114 2,000	MSU karakteristična/1	3,5 3,8	**7,0** 7,1	5,2 5,5	-1,3	0,6	1,3	9,4 9,8
DV krilo desno	Element: 1723 Node: 15	12,163 -7,586 2,000	MSU karakteristična/2	3,8 4,0	-7,0 **-7,3**	3,5 3,4	1,3	0,8	-1,3	8,7 9,0
GV krilo levo	Element: 1418 Node: 9	5,513 2,700 2,000	MSU karakteristična/1	-3,8 -4,0	7,0 **7,3**	3,4 3,4	-1,2	-0,8	-1,3	8,6 9,0

Name	Mesh	Position [m]	Case	ux+ [mm] ux- [mm]	uy+ [mm] uy- [mm]	uz+ [mm] uz- [mm]	φ_x [mrad]	φ_y [mrad]	φ_z [mrad]	U total+ [mm] U total- [mm]
GV krilo desno	Element: 1491 Node: 7	5,604 -3,685 2,350	MSU karakteristična/2	-4,8 -5,0	-4,0 -4,2	**6,8** 7,1	1,2	0,0	1,0	9,2 9,6
GV krilo levo	Element: 1418 Node: 9	5,513 2,700 2,000	MSU karakteristična/3	5,0 5,2	-4,3 -4,7	**-7,7** **-8,1**	1,3	-0,8	1,3	10,2 10,7
GV krilo desno	Element: 1491 Node: 1461	5,569 -3,703 2,344	MSU karakteristična/2	-4,7 -5,0	-4,1 -4,2	6,8 **7,1**	1,3	-0,1	1,1	9,2 9,7
DV krilo desno	Element: 1732 Node: 1697	11,488 -6,269 0,384	MSU karakteristična/4	-3,2 -3,3	2,2 2,5	-4,4 -4,7	**-1,4**	0,7	1,3	5,8 6,3
GV krilo levo	Element: 1427 Node: 1414	6,187 1,383 0,384	MSU karakteristična/3	3,2 3,3	-2,2 -2,5	-4,4 -4,7	**1,4**	-0,7	1,3	5,8 6,3
GV krilo levo	Element: 1418 Node: 9	5,513 2,700 2,000	MSU karakteristična/5	-0,2 -0,3	3,5 3,6	-0,1 -0,3	-0,3	**-0,9**	-0,4	3,5 3,6
DV krilo desno	Element: 1723 Node: 15	12,163 -7,586 2,000	MSU karakteristična/6	0,2 0,2	-3,1 -3,2	0,1 -0,1	0,4	**0,9**	-0,3	3,1 3,2
GV krilo levo	Element: 1434 Node: 1426	6,569 0,638 0,036	MSU karakteristična/7	-3,2 -3,4	3,4 3,7	2,5 2,5	-1,1	-0,3	**-1,4**	5,3 5,7
DV krilo levo	Element: 1616 Node: 1576	12,130 -1,192 0,015	MSU karakteristična/7	2,8 3,2	3,3 3,5	3,7 4,0	-1,1	0,0	**1,4**	5,7 6,2
DV krilo levo	Element: 1625 Node: 1590	13,138 -0,676 0,487	MSU karakteristična/8	0,0 0,0	1,1 1,1	0,1 0,0	0,1	0,5	0,0	**1,1** **1,1**
GV krilo levo	Element: 1418 Node: 9	5,513 2,700 2,000	MSU karakteristična/2	**7,9** **8,1**	-3,4 -3,7	-7,4 -7,8	1,3	-0,8	1,3	**11,4** **11,9**

Name	Combination key
MSU karakteristična/1	LC1.1 + LC1.2 + LC2.4 + 0.60*LC2.5.2 + LC1.3 + LC1.4 + LC2.3.2
MSU karakteristična/2	LC1.1 + LC1.2 + LC2.4 + 0.60*LC2.5.2 + LC1.3 + LC1.4 + LC2.3.1
MSU karakteristična/3	LC1.1 + LC1.2 + 0.60*LC2.5.1 + LC1.3 + LC1.4 + LC2.3.1
MSU karakteristična/4	LC1.1 + LC1.2 + 0.60*LC2.5.1 + LC1.3 + LC1.4 + LC2.3.2
MSU karakteristična/5	LC1.1 + LC1.2 + LC2.4 + 0.60*LC2.5.2 + LC1.3 + LC1.4 + LC2.1.a + LC2.2.1
MSU karakteristična/6	LC1.1 + LC1.2 + LC2.4 + 0.60*LC2.5.2 + LC1.3 + LC1.4 + LC2.1.a + LC2.2.2
MSU karakteristična/7	LC1.1 + LC1.2 + 0.60*LC2.5.3 + LC1.3 + LC1.4 + LC2.3.2
MSU karakteristična/8	LC1.1 + LC1.2 + LC1.3 + LC1.4

Values: U_{total}
Linear calculation
Class: All ULS
Extreme: Global
Selection: GV krilo levo, GV krilo desno, DV krilo levo, DV krilo desno
Location: In nodes avg. on macro.
System: LCS mesh element





6.4. Premostitvena plošča

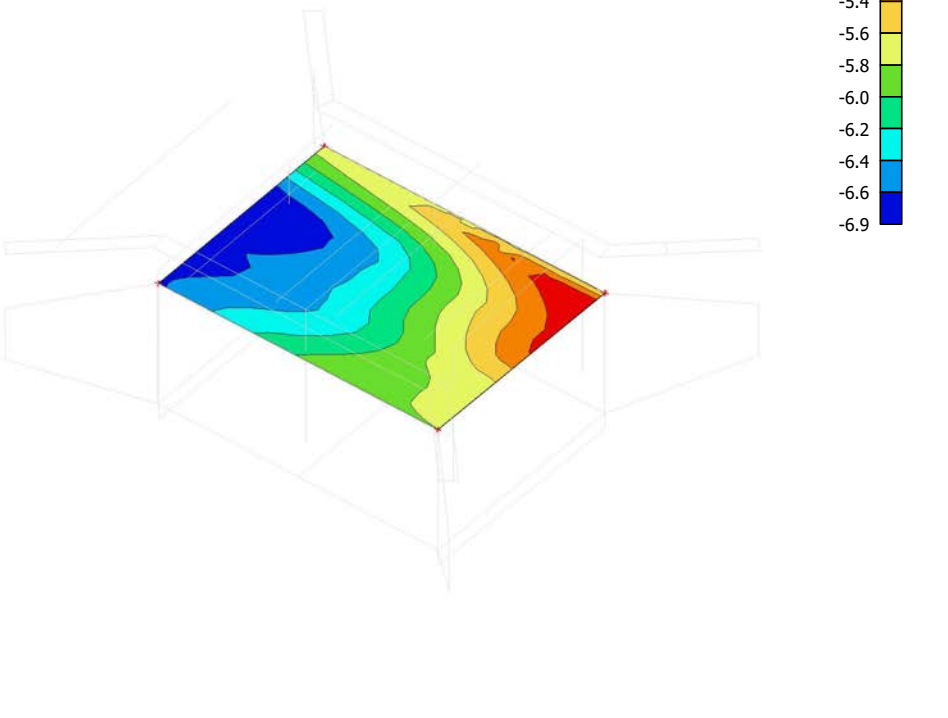
Linear calculation
Class: All SLS
Selection: premostitvena plošča
Location: In nodes avg. on macro. System: LCS mesh element
Results on 2D member:
Extreme 2D: Global

Name	Mesh	Position [m]	Case	ux+ [mm] ux- [mm]	uy+ [mm] uy- [mm]	uz+ [mm] uz- [mm]	φ_x [mrad]	φ_y [mrad]	φ_z [mrad]	U total+ [mm] U total- [mm]
premostitvena plošča	Element: 1111 Node: 8	11,067 -5,448 2,350	MSU karakteristična/1	**-10,2** **-9,6**	-0,3 -0,3	0,3 0,3	-0,1	-1,6	0,3	10,2 9,6
premostitvena plošča	Element: 1137 Node: 6	12,097 -1,209 2,350	MSU karakteristična/2	3,1 3,0	**-1,9** **-1,9**	-1,7 -1,7	0,1	0,3	0,0	4,0 3,9
premostitvena plošča	Element: 1202 Node: 7	5,604 -3,685 2,350	MSU karakteristična/3	-3,0 -2,9	**1,8** **1,8**	-1,7 -1,7	-0,1	-0,3	0,0	3,9 3,9
premostitvena plošča	Element: 1188 Node: 1245	6,174 -1,274 2,350	MSU karakteristična/4	-0,1 -0,1	0,5 0,6	**-5,0** **-5,0**	0,2	0,1	0,1	5,0 5,0
premostitvena plošča	Element: 1137 Node: 6	12,097 -1,209 2,350	MSU karakteristična/5	8,3 7,8	-0,1 -0,1	**1,5** **1,5**	0,1	1,6	-0,1	8,5 7,9
premostitvena plošča	Element: 1122 Node: 1178	11,513 -3,615 2,350	MSU karakteristična/6	-3,1 -3,0	0,5 0,3	-1,4 -1,4	**-0,4**	-0,2	0,2	3,4 3,3
premostitvena plošča	Element: 1124 Node: 1180	11,582 -3,328 2,350	MSU karakteristična/7	-0,3 -0,3	-0,4 -0,3	-2,7 -2,7	**0,5**	-0,1	0,1	2,8 2,8
premostitvena	Element:	8,336	MSU	-9,2	0,6	0,8	-0,1	**-1,7**	0,1	9,2

Name	Mesh	Position [m]	Case	ux+ [mm] ux- [mm]	uy+ [mm] uy- [mm]	uz+ [mm] uz- [mm]	φx [mrad]	φy [mrad]	φz [mrad]	U total+ [mm] U total- [mm]
plošča	1221 Node: 890	-4,567 2,350	karakteristična/8	-8,6	0,5	0,8				8,6
premostitvena plošča	Element: 1157 Node: 564	9,353 -0,324 2,350	MSU karakteristična/9	9,2 8,6	-0,6 -0,5	0,8 0,8	0,1	**1,7**	0,1	9,3 8,7
premostitvena plošča	Element: 1137 Node: 6	12,097 -1,209 2,350	MSU karakteristična/10	0,1 -0,1	-0,1 0,0	-1,3 -1,3	0,2	0,5	**-0,1**	1,3 1,3
premostitvena plošča	Element: 1177 Node: 5	6,608 0,561 2,350	MSU karakteristična/11	3,7 3,6	-1,2 -1,2	-0,2 -0,2	0,0	0,4	**0,4**	3,9 3,8
premostitvena plošča	Element: 1153 Node: 569	9,950 -0,517 2,350	MSU karakteristična/12	0,0 -0,1	-0,3 -0,3	-1,1 -1,1	0,0	0,1	0,1	**1,2** **1,2**
premostitvena plošča	Element: 1177 Node: 5	6,608 0,561 2,350	MSU karakteristična/13	**10,2** **9,6**	0,3 0,3	0,4 0,4	0,1	1,6	0,3	**10,2** **9,7**

Name	Combination key
MSU karakteristična/1	LC1.1 + LC1.2 + LC2.4 + 0.60*LC2.5.2 + LC1.3 + LC1.4 + LC2.3.2
MSU karakteristična/2	LC1.1 + LC1.2 + LC2.4 + LC2.5.2 + LC1.3 + LC1.4 + 0.40*LC2.1.a + 0.75*LC2.2.2
MSU karakteristična/3	LC1.1 + LC1.2 + LC2.4 + LC2.5.2 + LC1.3 + LC1.4 + 0.75*LC2.2.1
MSU karakteristična/4	LC1.1 + LC1.2 + LC2.4 + 0.60*LC2.5.2 + LC1.3 + LC1.4 + LC2.1.5 + LC2.1.a
MSU karakteristična/5	LC1.1 + LC1.2 + 0.60*LC2.5.1 + LC1.3 + LC1.4 + LC2.3.1
MSU karakteristična/6	LC1.1 + LC1.2 + LC2.5.4 + LC1.3 + LC1.4 + 0.75*LC2.2.1
MSU karakteristična/7	LC1.1 + LC1.2 + LC2.4 + LC2.5.3 + LC1.3 + LC1.4 + 0.75*LC2.1.4 + 0.40*LC2.1.a
MSU karakteristična/8	LC1.1 + LC1.2 + LC2.4 + 0.60*LC2.5.3 + LC1.3 + LC1.4 + LC2.3.2
MSU karakteristična/9	LC1.1 + LC1.2 + LC2.4 + 0.60*LC2.5.3 + LC1.3 + LC1.4 + LC2.3.1
MSU karakteristična/10	LC1.1 + LC1.2 + 0.60*LC2.5.1 + LC1.3 + LC1.4 + LC2.1.3 + LC2.1.a
MSU karakteristična/11	LC1.1 + LC1.2 + 0.60*LC2.5.1 + LC1.3 + LC1.4 + LC2.2.2
MSU karakteristična/12	LC1.1 + LC1.2 + LC1.3 + LC1.4
MSU karakteristična/13	LC1.1 + LC1.2 + LC2.4 + 0.60*LC2.5.2 + LC1.3 + LC1.4 + LC2.3.1

Values: u_z
Linear calculation
Class: All ULS
Extreme: Global
Selection: All
Location: In nodes avg. on macro.
System: LCS mesh element



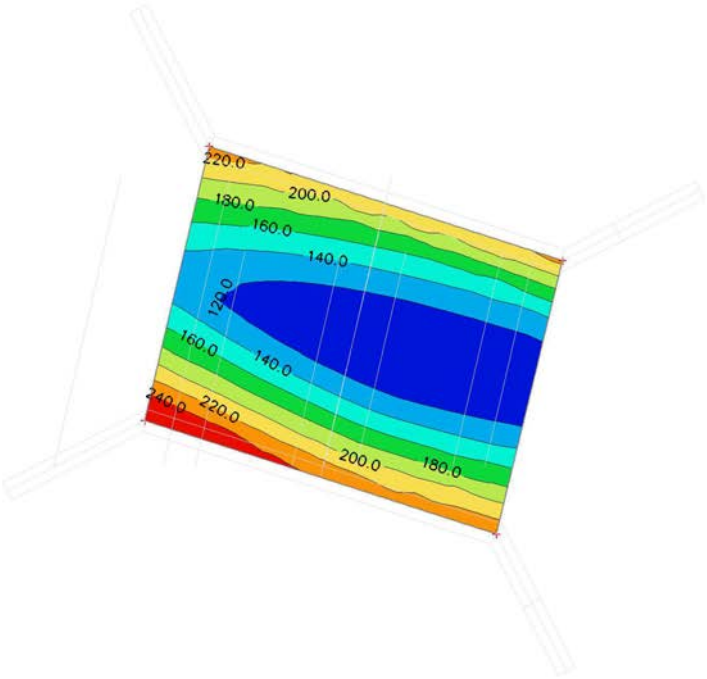
7. Kontaktne napetosti pod ploščo

Linear calculation
Class: ULS+SLS kvazi perm
Extreme: Global
Selection: All
Location: In nodes avg.. System: LCS mesh element

Name	Mesh	Position [m]	Case	τ_{zx} [kPa]	τ_{yz} [kPa]	σ_z [kPa]
temeljna plošča	Node: 2	6,608 0,561 0,000	MSN B/1	**-7,7**	-0,9	-71,7
temeljna plošča	Node: 4	11,067 -5,448 0,000	MSN B/2	**7,7**	0,9	-71,3
temeljna plošča	Node: 1	5,604 -3,685 0,000	MSN B/3	3,1	**-2,6**	43,2
temeljna plošča	Node: 3	12,097 -1,209 0,000	MSN B/4	-3,1	**2,6**	41,5
temeljna plošča	Node: 290	12,059 -1,197 0,000	MSN B/5	-6,7	1,6	**-92,9**
temeljna plošča	Node: 1	5,604 -3,685 0,000	MSN B/6	-0,5	-0,3	**275,0**

Name	Combination key
MSN B/1	1.35*LC1.1 + 1.35*LC1.2 + 1.50*LC2.4 + 0.90*LC2.5.2 + 1.35*LC1.3 + 1.35*LC1.4 + 1.35*LC2.3.1
MSN B/2	1.35*LC1.1 + 1.35*LC1.2 + 1.50*LC2.4 + 0.90*LC2.5.2 + 1.35*LC1.3 + 1.35*LC1.4 + 1.35*LC2.3.2
MSN B/3	1.35*LC1.1 + 1.35*LC1.2 + 1.50*LC2.4 + 1.50*LC2.5.2 + 1.35*LC1.3 + 1.35*LC1.4 + 1.01*LC2.2.1
MSN B/4	1.35*LC1.1 + 1.35*LC1.2 + 1.50*LC2.4 + 1.50*LC2.5.2 + 1.35*LC1.3 + 1.35*LC1.4 + 1.01*LC2.2.2
MSN B/5	LC1.1 + LC1.2 + 1.50*LC2.4 + 0.90*LC2.5.2 + LC1.3 + LC1.4 + 1.35*LC2.3.1
MSN B/6	1.35*LC1.1 + 1.35*LC1.2 + 0.90*LC2.5.3 + 1.35*LC1.3 + 1.35*LC1.4 + 1.35*LC2.1.2 + 1.35*LC2.1.a

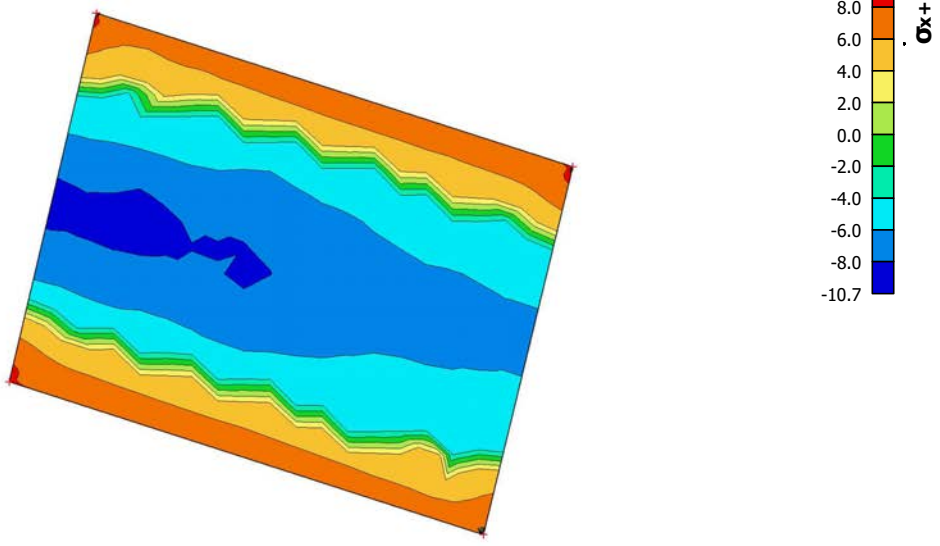
Values: σ_z
Linear calculation
Class: ULS+SLS kvazi perm
Extreme: Global
Selection: All
Location: In nodes avg.. System: LCS mesh element



8. Napetosti v betonu

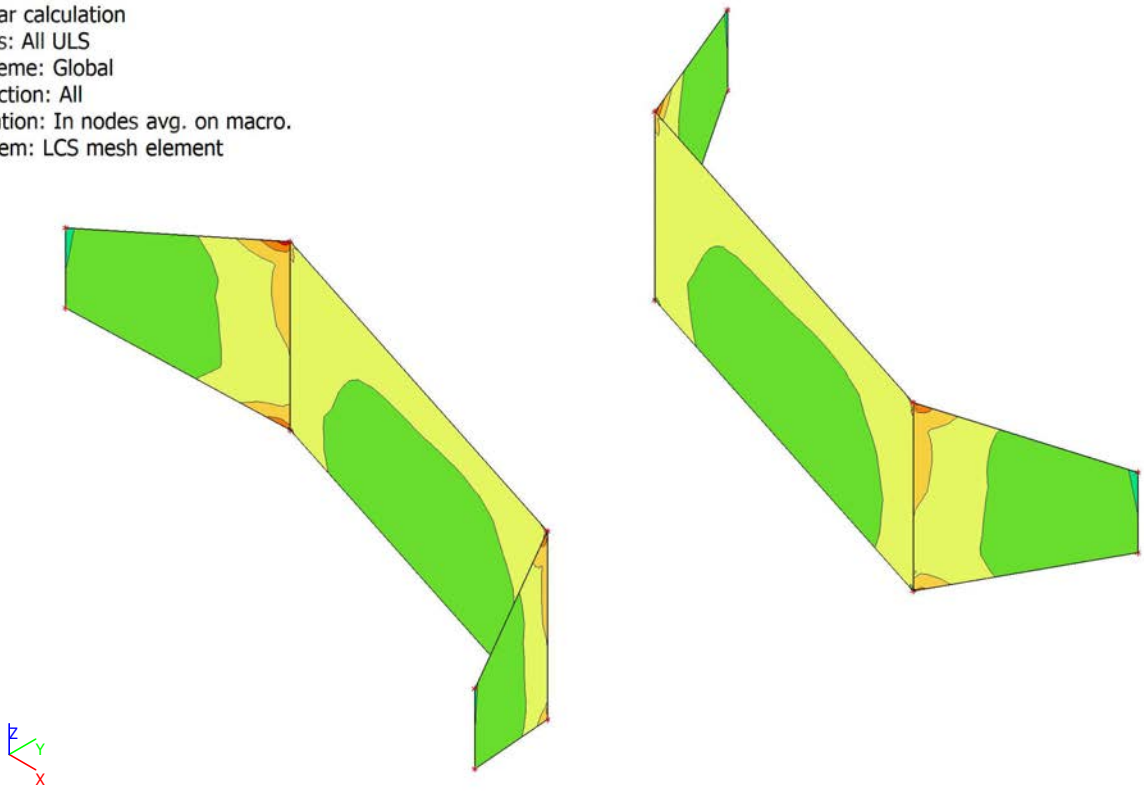
8.1. Premostitvena plošča

Values: σ_{x+}
Linear calculation
Class: All ULS
Extreme: Global
Selection: All
Location: In nodes avg. on macro.
System: LCS mesh element



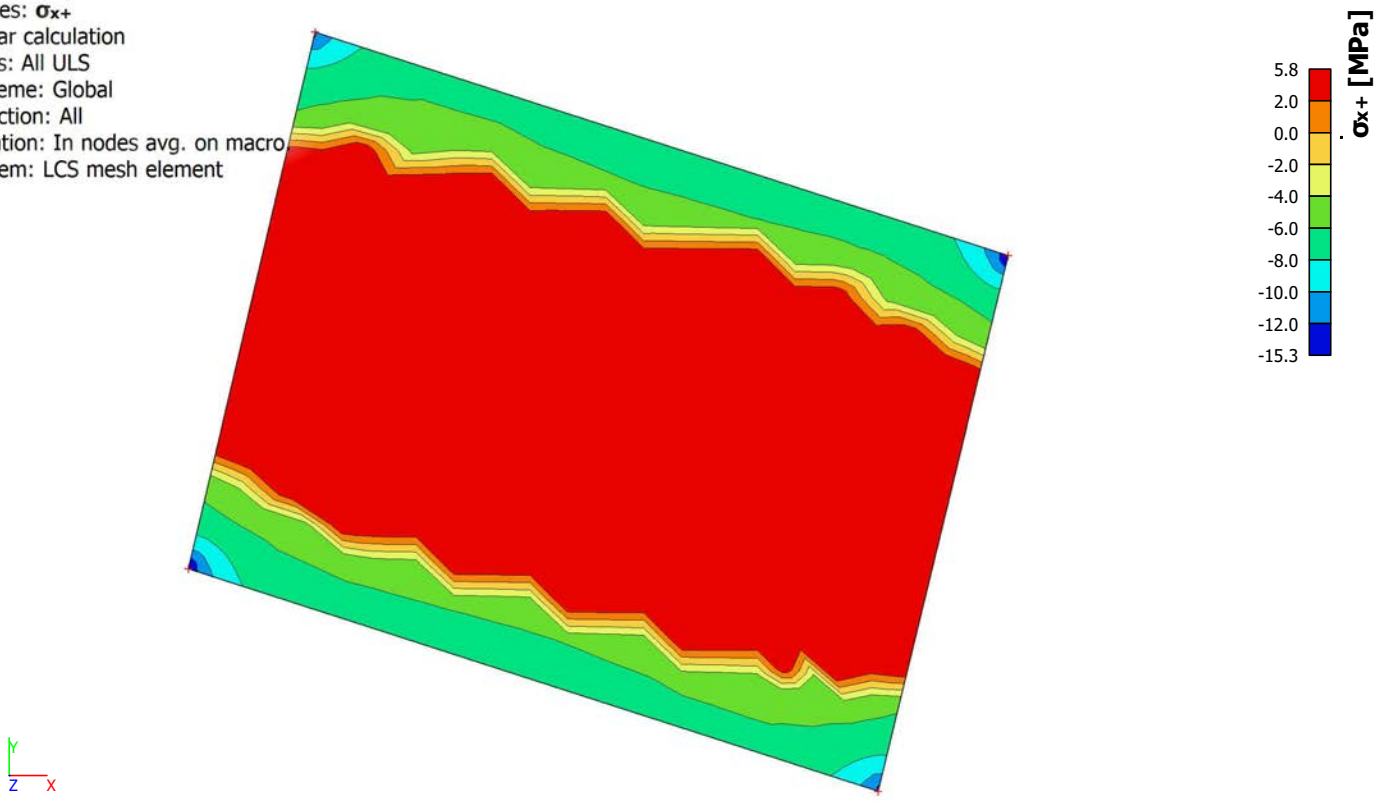
8.2. Oporniki in krila

Values: σ_{x+}
Linear calculation
Class: All ULS
Extreme: Global
Selection: All
Location: In nodes avg. on macro.
System: LCS mesh element



8.3. talna plošča

Values: σ_{x+}
Linear calculation
Class: All ULS
Extreme: Global
Selection: All
Location: In nodes avg. on macro.
System: LCS mesh element



9.

9.1. Temeljenje

9.1.1. Izračun reakcij za vsa projektna stanja

9.1.1.1. 2D contact stresses; σ_z

Values: σ_z
Linear calculation
Class: All SLS
Extreme: Global
Selection: All
Location: In nodes avg.. System: LCS
mesh element

