PRILOGA 1C

NASLOVNA STRAN NAČRTA

POMGRAD
Zanesljivi temelji. Celovite storitve.

		Načrt s področja Gradbeništva
PODATKI O GRADNJI		
naziv gradnje		**SEVEROZAHODNA POKRITA TIBUNA S POMOŽNIMI PROSTORI NA OBMOČJU STADIONA FAZANERIJA (FAZA 1 - KONSTRUKCIJA TRIBUN)**
kratek opis gradnje		**Novogradnja montažnih AB tribun s pripadajočim točkovnim temeljenjem.**
VRSTE GRADNJE	☑	**NOVOGRADNJA - NOVOZGRAJEN OBJEKT**
označiti vse ustrezne vrste gradnje	☐	**NOVOGRADNJA - PRIZIDAVA**
	☑	**REKONSTRUKCIJA**
	☐	**SPREMEMBA NAMEMBNOSTI**
	☐	**ODSTRANITEV CELOTNEGA OBJEKTA**
	☐	**LEGALIZACIJA**
	☐	**MANJŠA REKONSTRUKCIJA**
PODATKI O PROJEKTNI DOKUMENTACIJI		
vrsta dokumentacije		**PZI - Projektna dokumentacija za izvedbo gradnje**
številka projekta		**397/25**
PODATKI O NAČRTU		
strokovno področje načrta		**2.1 Načrt s področja gradbeništva**
naziv načrta		**Načrt s področja Gradbeništva**
številka načrta		**14/25-GK-M**
datum izdelave		**maj, 2025**
datum spremembe		
PODATKI O PROJEKTANTU NAČRTA		
projektant načrta (naziv družbe)		**Pomgrad d.d.**
naslov		**Bakovska ulica 31, 9000 Murska Sobota**
odgovorna oseba projektanta načrta		**Iztok POLANIČ, MBA**
podpis odgovorne osebe projektanta načrta		POMGRAD 42 POMGRAD d.d. Bakovska ulica 31 | 9000 Murska Sobota
PODATKI O IZDELOVALCU NAČRTA		
ime in priimek pooblaščenega arhitekta, pooblaščenega inženirja		**Jure TIKVIČ, univ. dipl. inž. gradb.**
identifikacijska številka		**G-3877**
podpis pooblaščenega arhitekta, pooblaščenega inženirja		JURE TIKVIČ univ.dipl.inž.grad. IZS G-3877

KAZALO VSEBINE NAČRTA S PODROČJA GRADBENIŠTVA št. 14/25-GK-M

Vrsta načrta: **2/1 Načrt gradbeništva - AB konstrukcija**
Številka projekta: **397/25**
Vrsta dokumentacije: **PZI – projekt za izvedbo**
Številka načrta: **14/25-GK-M**

Št.:		**Dokument:**		MAPA - 1
1.		Naslovna stran		
2.		Kazalo vsebine načrta		
3.		**TEKSTOVNI DEL:**	Id.oznaka:	
	3.1	Tehnično poročilo	14/25-GK-M	
	3.2	Statični izračun AB konstrukcije	14/25-GK-M	

4.		**GRAFIČNI DEL:**	Id.oznaka:	Zaporedna štev. lista
		Pozicijski načrti:		
	4.1	Tloris temeljev, montažnih stebrov in reklamnih sten	14/25-GK-M	P.M.PZI.01
	4.2	Tloris montažnih žagastih nosilcev, klopi, stopnic in plošč	14/25-GK-M	P.M.PZI.02
	4.3	Prerezi	14/25-GK-M	P.M.PZI.03

		Delavniški načrti:	Id.oznaka:	Zaporedna štev. lista
		V DIGITALNI OBLIKI - USB		

PRILOGA 2C

POMGRAD
Zanesljivi temelji. Celovite storitve.

IZJAVA PROJEKTANTA NAČRTA IN POOBLAŠČENEGA STOKOVNJAKA, KI JE IZDELAL NAČRT V PZI IN PID

PROJEKTANT NAČRTA	
projektant načrta (naziv družbe)	**POMGRAD d.d.**
naslov	**Bakovska ulica 31, 9000 Murska Sobota**
odgovorna oseba projektanta načrta	**Iztok POLANIČ, MBA**

IN POOBLAŠČENI STROKOVNJAK, KI JE IZDELAL NAČRT	
pooblaščeni strokovnjak	**Jure TIKVIČ, univ.dipl.inž.grad.**

IZJAVLJAVA:

da načrt

vrsta dokumentacije	**PZI - Projektna dokumentacija za izvedbo**
strokovno področje načrta	**2.1 Načrt s področja gradbeništva**
naziv načrta	**Načrt s področja Gradbeništva**
številka načrta	**14/25-GK-M**
datum izdelave	**maj, 2025**

upošteva relevantne predpise in druge normativne dokumente ter da so upoštevane ustrezne bistvene in druge zahteve.

pooblaščeni strokovnjak	**Jure TIKVIČ, univ.dipl.inž.grad.**
identifikacijska številka	**G-3877**
podpis pooblaščenega strokovnjaka	JURE TIKVIČ univ.dipl.inž.grad. IZS G-3877
odgovorna oseba projektanta načrta	**Iztok POLANIČ, MBA**
podpis odgovorne osebe projektanta načrta	POMGRAD 42 POMGRAD d.d. Bakovska ulica 31 | 9000 Murska Sobota

TEHNIČNO POROČILO
(samo za montažno AB konstrukcijo)

PROJEKTNA NALOGA :

Projektna naloga je dana s strani investitorja in je sledeča :

- narediti je potrebno Načrt gradbenih konstrukcij za montažno AB konstrukcijo PZI v skladu z veljavnimi določili GZ .
- pri izdelavi projektne dokumentacije upoštevati vse veljavne predpise in standarde za obravnavano namembnost in izvedbene projekte
- izračunati statiko za naslednji objekt :

1.0 UVODNI PODATKI

Objekt bo lociran na območju Murske Sobote. Glede na dani podatek lahko določim obtežbo snega, vetra in potresa na objekt. Ostale obtežbe so podane še pri izračunu elementov konstrukcije.

Objekt:	**SEVEROZAHODNA POKRITA TRIBUNA S POMOŽNIMI PROSTORI NA OBMOČJU STADIONA FAZANERIJA (FAZA 1 – KONSTRUKCIJA TRIBUN)**
Investitor:	**Mestna občina Murska Sobota, Kardoševa 2, 9000 MS**
Lokacija:	**Murska Sobota**
Št. projekta:	**397/25**
Št. načrta:	**14/25-GK-M**
Kraj in datum izdelave načrta:	**Lipovci, maj 2025**

Osnovni parametri objekta in lokacije:

Kategorija priporočene življenjske dobe:	4. - življenjska doba 50 let
Kategorija temeljnih tal (po EC8):	C
Nadmorska višina lokacije:	A = 190 m
Snežna cona (po SIST EN 1991-1-3):	A2
Vetrna cona (po SIST EN 1991-1-4):	1
Kategorija pomembnosti (SIST EN 1998-1, 4.2.5)	II
Izbran razred duktilnosti (SIST EN 1998-1)	DCM
Ostali parametri so podani v tehničnem poročilu in pri izračunu.	

A.) SPLOŠNI DEL :

Pri izdelavi načrta gradbeništva – montažna AB konstrukcija sem upošteval sledeče :

- podložne risbe arhitekture z strani investitorja oz. njegovega arhitekta
- zahteve določene projektne naloge od strani investitorja

1.0 OSNOVNI PODATKI

1.1 Geološki in geomehanski podatki o hribinah in temeljnih tleh

Za podani projekt je bilo dostavljenega Geomehansko poročilo pod številko 72-04/2025, ki ga je izdelalo podjetje MBL Inženiring d.o.o. odgovorna oseba projektanta Luka Muršec, mag.inž.grad. IZS PI G-4745. **Predvidena projekta nosilnost tal (R/A*) / 1.40 = 657 kPA, strižni kot φ=32,50, kohezija c=0.** Točkovni temelji med seboj niso povezani in delujejo kot samostojna enota.

OPOMBA:
Priprava temeljnih tal se izvede v skladu z navodili iz geomehanskega poročila.
Temeljna tla mora po izvršenem izkopu in pred pričetkom izvedbe temeljne konstrukcije preveriti geomehanik in po potrebi predpisati dodatne sanacijske ukrepe v zvezi z doseganjem predvidene nosilnosti in deformabilnosti.
Pod temelji se izvede podložni beton C12/15 na utrjeno podlago.
Dimenzije in armiranje točkovnih temeljev izvesti po izvedbenih armaturnih načrtih točkovnih temeljev.
Čaša točkovnega temelja je računana kot znotraj nažlebljena, prav tako so v območju čaše nažlebljeni stebri. Globina žlebljenja naj bo ≥ 1,5 cm, razmak med dvignjenimi in poglobljenimi žlebovi cca 6cm.
Točkovni temelji so povezani s temeljnimi gredami, katere nosijo fasado in imajo pretežno povezovalno funkcijo in računsko ne prevzamejo obremenitev od točkovnih temeljev.
V primeru slabše nosilnosti temeljnih tal, oz. nezmožnosti izvedbe sanacije temeljnih tal, je potrebno temelje konstrukcije ponovno preračunati. Dokončne dimenzije temeljev bodo definirane v načrtih PZI.

1.2 Osnovni parametri za vplive snega:

Objekt je lociran na območju Murske Sobote. Glede na dani podatek iz preglednic snežnih obtežb in lokacije obtežb sledi:

Lokacija na nadmorski višini:	A = 190 m
Območje snežne obtežbe:	A2
Teren glede na izpostavljenost vetru:	običajen

1.3 Osnovni parametri za vplive vetra:

Objekt je lociran na območju Murske Sobote. Glede na dani podatek iz preglednic veternih obtežb in lokacije obtežb sledi:

Lokacija na nadmorski višini:	A = 190 m
Vetrna cona:	1

Kategorije terena in terenski parametri:	II
Višina stavbe nad terenom:	h= 5,0m
Faktor hribovitosti terena :	$c_o(z) = 1,00$

/C-F1.4 Osnovni parametri za seizmične vplive:

Kategorija tal:		C
Referenčni pospešek (a_g / g):		$a_g = 0,100g$
Kategorija pomembnosti:		II
Razred duktilnosti:		DCM
Vrsta konstrukcije:	X - smer:	AB montažna
	Y - smer:	AB montažna
Faktor obnašanja:	X - smer:	q = 1,50
	Y - smer:	q = 1,50

1.5 Osnovni parametri za nezgodne vplive:

Nezgodni projektni vplivi v temu načrtu niso upoštevani.

2.0 IZRAČUN KONSTRUKCIJE

2.1 Splošno

Izračun je izveden po zahtevah iz Pravilnika o mehanski odpornosti in stabilnosti objektov (Ur. l. RS št. 101) in v skladu z veljavnimi predpisi SIST EN 1990 do 1998 (EC1 do EC8).

Stavba se uvršča v smislu priporočene življenjske dobe v 4. kategorijo, življenjska doba 50 let
Konstrukcija je uvrščena v razred konstrukcije S4.

2.2 Model

Osnovna konstrukcija je računana na prostorskem modelu. Točkovne podpore pod stebri so upoštevane kot nepodajne. V modelu so upoštevani vsi primarni elementi konstrukcije.

Potresna analiza je izvedena na istem globalnem modelu, le da so za upogibno in strižno togost AB stebrov upoštevani elementi s 50% togostjo ne razpokanih elementov.

2.3 Obtežbe

Obtežbe so upoštevane v skladu z ustreznimi Evrokodi. Osnovni parametri za določitev koristnih obtežb in seizmičnih vplivov ter analiza obtežb so prikazani v uvodnem delu statičnega izračuna in pri izpisu statičnega izračuna posameznih elementov.
Podatki in rezultati modalne analize ter seizmičnega izračuna so priloženi v izpisih računalniškega programa.

2.4 Račun konstrukcije, dimenzioniranje

Za izračun osnovne konstrukcije je uporabljen računalniški program Tower ver. 8.5 .
Vsi bistveni podatki in rezultati so prikazani v grafični ali numerični obliki v izpisih programa.

Stebri so dimenzionirani v sklopu programa. Čaše so dimenzionirani posebej na osnovi akcij iz globalnega modela.
Horizontalni elementi - nosilci - so upoštevani v modelu, vendar so detajlno obdelani posebej.

2.5 Rezultati in komentarji izračuna:

Bistveni rezultati so priloženi v izpisih programa Tower ver. 8.4 .

Temeljna konstrukcija temeljna tla:
Temeljenje objekta je izvedeno na točkovnih temelji na sanacijski gramozni blazini D ≥ 50cm in mora biti za svojo debelino razširjena na vsako stran temeljev po navodilih geomehanika. Pred betoniranjem podložnega betona točkovnih temeljev mora geomehanik preveriti nosilnost temeljnih tal!

Medetažne konstrukcije:
Strešna konstrukcija je sestavljena iz primarnih in vzdolžnimi strešnimi nosilci v osi A in E. Strešna konstrukcija in etaža je uokvirjena z robnimi nosilci.

Potres:
Konstrukcija izpolnjuje osnovne pogoje (za montažne objekte) za uvrstitev v sisteme z $q_o \geq 3$ (DCM) : stebri so na vrhu povezani v obeh smereh z AB vezmi oz. nosilci, normirana osna sila v montažnih stebrih Vd je v predpisanih mejah.
Montažni stebri: Kontrola norm. osne sile: $Vd = NEd / (A_c \cdot fcd) \leq 0,65$

Stiki: Stik steber - greda je obravnavan kot stik "daleč zunaj" in ne vpliva na sipanje energije v konstrukciji. Stik je dimenzioniran na strižno silo, določeno z načrtovanjem nosilnosti (Rd = 1,1 za DCM).

Stik steber - temelj je obravnavan kot stik s povečano nosilnostjo. Notranje sile so določene z načrtovanjem nosilnosti z upoštevanjem max. možnih upogibnih nosilnosti na konceh kritičnih območij (Rd = 1,2 za DCM).

Temelji: Upoštevana so načela načrtovane nosilnosti.
Pomiki: Max. relativni pomiki za kritično projektno potresno kombinacijo:

$d_r \leq 0,0075 \cdot h$ v ... redukcijski faktor, odvisen od kategorije pomembnosti in znaša 0,40 - za III in IV in 0,50 - za I in II kategorijo

$d_r \leq h/67$ za kategorijo pomembnosti stavbe II v = 0,5

d_{ex} …. pomik v X-smeri, d_{ey} …. pomik v Y-smeri; $d_c = (d_{ex}^2 + d_{ey}^2)^{0,5}$
…. max. skupni pomik : $d_r = q_d \times d_e$

Pomiki: Max. relativni pomiki za kritično projektno potresno kombinacijo:

- na vrhu konstrukcije: $d_s = < 0,0075 \times h$

3.0 OPIS KONSTRUKCIJE IN MATERIJALOV

3.1 Splošno

Etažnost	Pritličje
Tlorisna oblika:	Pravokotne oblike + Radij Tribun
Okvirne tlorisne dimenzije	35,00 x 10,70 + 29,15 x 22,20 v radiju
Seizmične dilatacije:	
Tip osnovne konstrukcije:	Montažna AB konstrukcija
Način temeljenja:	Točkovni temelji na nosilnih tleh

3.2 Materiali nosilne konstrukcije

3.2.1 AB konstrukcije: Ktg. priporočljive življenjske dobe: 4 (50 let), Razred konstrukcije: S4

AB montažna konstrukcija

Sklop Element	Pozicija	Trdnostni razred C	Razred izpostavlj. (okolje)	Ømax ali Ønadom	Krovni sloji (mm)	Armatura Vzdolžna	Armatura Prečna
Temelji:							
Čaša točkovnega temelja	TT	C30/37	XC2	Ø 22	40	S 500 B	S 500 B
Montažne konstrukcije:							
Stebri	RS-x	C30/37	XC1	Ø32	30	S 500 B	S 500 B
Žagasti nosilec	ŽN-x,	C30/37	XC1	Ø25	25	S 500 B	S 500 B
Nosilec Tribun	KL-x	C30/37	XC1	Ø25	25	S 500 B	S 500 B
Stena	S-x	C30/37	XC1	Ø25	25	S 500 B	S 500 B
Plošče	PL-x	C30/37	XC1				

(*) … ni predmet načrta

3.2.2 Jeklene konstrukcije- osnovni material za sidra S 275.

B.) TEHNIČNI OPIS OBJEKTA :

Objekt je **novogradnja.**
Nosilna konstrukcija je montažna armirano betonska konstrukcija.
Nosilna konstrukcija je sestavljena iz montažnih armirano betonskih elementov.

KONSTRUKCIJSKA ZASNOVA IN GRADIVA

Novi objekt bo stal na območju Murska Sobota

4. ZASNOVA NOSILNE KONSTRUKCIJE

Narediti je potrebno načrt gradbeništva za montažno AB konstrukcijo PZI v skladu z veljavnimi določili Gradbenega zakona. Pri izdelavi projektne dokumentacije upoštevati vse veljavne predpise in standarde za obravnavano namembnost in izvedbene projekte.

5. ARMIRANOBETONSKA MONTAŽNA KONSTRUKCIJA :

Objekt je tlorisno pravokotne oblike od osi GB-1 do GB-8 dolžine 35,0m in raster 5,0m in od GBa dolžine 10,70. Od osi GB-8 se raster razvije v radij in sicer dolžine 5,08 do do GB-17. Stebri dimenzij 40/40 sotogo vpeti v točkovne temelje, kot je razvido iz pozicijskega načrta.

Nosilni sistem so prostorski okvirji, tj. okvirji v prečni in vzdolžni smeri objekta.
Okvirji so sestavljeni iz stebrov, na katere so postavljeni žagasti nosilci tribun širine 40 in višine 60 cm, prečno na njih so montirane KL-x – klopi tribun in PL-X plošče v debeline 15cm. V osi GB-B so v višin h=2,20m na stebre pritrjene montažne Stene ST-x v dolžin L=5,0 – 5,08m.

Stiki elementov :

Vsi elementi so povezani z jeklenimi trni , ki se po montaži zalijejo s cementno malto z dodatkom ALTEXA. Stiki se zakitajo z trajno elastičnim kitom.

Površina vseh elementov je vidni beton betoniran v jeklenem kalupu oziroma zglajen.

Načrt gradbenih konstrukcij klasičnega dela kot so: pasovni temelji, talna plošča, horizontalne in vertikalne vezi, nosilni zidovi, stopnišče, etažna plošča, jeklena konstrukcija in pod konstrukcija, oporni AB zid , zavarovanje brežine idr. ni predmet tega načrta.

D. OBTEŽBE IN OBREMENITVE

2.0 VPLIVI (OBTEŽBE)

2.1 Stalne obremenitve konstrukcije (G_k)

Lastna teža konstruktivnih elementov

Upoštevana je lastna teža konstruktivnih elementov s specifično težo betona 25,00 kN/m3, jekla 78,50 kN/m3. Program upošteva sam obremenitve na podlagi izbranih prerezov konstruktivnih elementov oz. debeline plošč.

2.1.1 Stalna obtežba : Nivo: Tribuna AB klopi

Stalna obtežba G - ***(lastno težo votlih plošč upošteva program)***

- Sedišča + instalacije = 1,00 kN/m^2

Skupaj G' = 1,00 kN/m^2

2.1.2 Stalna obtežba: AB Fasada parapet

- Betonska fasada 12 cm beton = 3,0 kN/m^2

2.2 Spremenljive obremenitve konstrukcije (Q_k)

2.2.1 Koristna obtežba : Nivo: Tribuna AB klopi

2.2.2 Koristna obtežba snega; (cona A2, nadmorska višina ≈ 250m)

Koristne obtežbe - sneg in faktorji Ψ (za ravne in enokapne strehe $\alpha \leq 30°$)

Sneg - na strehi s = 1,47 kN/m^2	za H ≤ 1000 m :	Ψo	Ψ_1	Ψ_2
		0,50	0,20	0

- obtežba snega; (N.V. 190 m, - Murska Sobota cona A2)

$s_k = 1{,}293\left[1+\left(\frac{A}{728}\right)^2\right] = s_k = 1{,}293\left[1+\left(\frac{190}{728}\right)^2\right]$ =1,38 x 1,00 = 1,38 kN/m^2

Skupaj Q' = 1,38 kN/m^2

Izračun karakteristične obtežbe snega na strešno konstrukcijo naklona 2% :

Q = 1,47 x 1,00 = 1,47 kN/m^2 – na mestu brez kopičenja snega - neogrevani prostori

2.2.3 Obtežbe vetra po standardu EC1 – EN 1991-1-4:2005 (E)

Objekt je lociran na območju Murska Sobota. Glede na dani podatek iz preglednic veternih obtežb in lokacije obtežb sledi:

Lokacija na nadmorski višini:	A = 190 m
Vetrna cona:	1
Kategorije terena in terenski parametri:	II
Višina stavbe nad terenom:	h= 6,0 m
Faktor hribovitosti terena :	$c_o(z)$ = 1,00

Osnovne vrednosti (4.2)

Temeljna vrednost osnovne hitrosti vetra	$v_{b,o}$ =	20,00 m/s
Osn. hitrost vetra (smerni fakt. in fakt. let. časa sta 1,00):	v_b =	20,00 m/s
Osnovni tlak vetra:	q_b =	0,20 kN/m^2

Vpliv vetra na konstrukcijo

- zunanji pritisk; zunanji pritisk se predpostavi kot pozitiven, če deluje k zunanji steni
- notranji pritisk; notranji pritisk je pozitiven, če deluje od znotraj k steni.

Notranje delovanje vetra

Za zaprte prostore z notranjimi pregradami in okenskimi odprtinami se lahko uporabijo ekstremne vrednosti; $c_{pi} = +0{,}2$ ali $c_{pi} = -0{,}3$. Pri določitvi obtežb vetra je potrebno upoštevati vrednost koeficientov glede na smer vetra in sicer:

Notranji pritisk (7.3):

Koeficienti notranjega tlaka C_{pi} : c_{pi} = 0,20

$q_{np} = q_p(z) \circ 0{,}20 = 0{,}51 \circ 0{,}20 = 0{,}10 \frac{kN}{m^2}$

Notranje sesanje (7.3):

Koeficienti notranjega tlaka C_{pi} : c_{pi} = -0,30

$q_{ns} = q_p(z) \circ (-0{,}30) = 0{,}51 \circ 0{,}30 = -0{,}15 \frac{kN}{m^2}$

2.2.4 Koristna obtežba : Nivo: tribuna

- koristna po projektni nalogi ktg. C5 - po projektni shemi obtežb
- **ktg. C5 Q2 = 5,00 kN/m^2**

2.3 Seizmične obremenitve konstrukcije in projektni spekter pospeškov

Objekt leži na območju Murska Sobota s predvidenim projektnim pospeškom tal **a_g = 0,100 g**
Obremenitve objekta od zunanjih vplivov so odvisne od namembnosti, lege in pomembnosti objekta. Konstrukcija objekta je projektirana po Eurocode standardih.

D6. OBTEŽNE KOMBINACIJE

Obtežne kombinacije je potrebno upoštevati v skladu s SIST EN 1991-1-1 in SIST EN 1998-1.

E. DODATNE ZAHTEVE ZA KONSTRUKCIJO, KI JIH JE POTREBNO UPOŠTEVATI

E1. POŽARNA ODPORNOST KONSTRUKCIJE

Požarna odpornost nosilne konstrukcije (primarni, sekundarni, etažni nosilci, stebri, votle plošče) je R60.

Izkope za temelje mora obvezno pregledati nadzorni organ oz. geomehanik pred betoniranjem podložnih betonov temeljev. Talna plošča in pasovnimi temelji niso predmet tega načrta.

Načrt gradbenih konstrukcij klasičnega dela kot so: talna plošča, pasovni temelji, AB tlaki, jeklena pod konstrukcija, jeklena nadstrešnica, stopnišča, zidovi, idr. ni predmet tega načrta.

C.) DIMENZIONIRANJE NOSILNE KONSTRUKCIJE:

SPLOŠNO:
Za obravnavani objekt smo izvedli statični in dinamični izračun v skladu s podložnimi risbami arhitekture, ki nam je služil kot osnova za izračun posameznih elementov. Statični izračun je bil izdelan po standardu EVROKOD določen s Pravilnikom o mehanski odpornosti in stabilnosti objektov.
Dimenzioniranje vseh statičnih elementov je razvidno iz gradbenega projekta gradbenih konstrukcij (STATIKA) , ki je priložen k temu projektu. Izračun je izveden s pomočjo programov »Tower 8.2«, ArnosEC2, Frilo-Lochner: WS, B8, B9, DLT in FD+. Originalni izpisi so v arhivu. Celotni izpis je v arhivu izdelovalca te statične presoje.
Vsi statični elementi v obravnavanem projektu so primerno dimenzionirani, po veljavnih predpisih za tovrstne konstrukcije.
Pri izračunu je upoštevana potrebna varnost konstrukcije, ki je določena v predpisih. Vsi statični elementi so zato temu primerno dimenzionirani na maksimalne možne obremenitve, ki bi lahko nastopile v času uporabe objekta.
Elementi konstrukcije so v situacijah statike označeni s pozicijami, pod katerimi najdemo ustrezne s pomočjo računalniškega programa dobljene statične izračune, ki so kot priloga priloženi k temu projektu.

Pri izpisu posameznih statičnih elementov je razvidno :

- številčna pozicija statičnega elementa
- osnovne dimenzije statičnega elementa
- tlačna trdnost betona, na osnovi katere smo izvedli izračun
- vrsta armature in njene karakteristike

- zaščitni sloj betona
- ustrezne vrednosti (upogibni momenti, osne sile, napetosti v ploščah in stenah, potrebne armature v ploščah in nosilcev).

Pri izvedbi je potrebno brezpogojno upoštevati vse statične karakteristike danega elementa (debelina statičnega elementa, trdnost betona, vrsta in količina potrebne armature, namestitev armature, zaščitni sloj betona itd.), ker sicer ne odgovarjamo za stabilnost danega objekta.

Opomba pri PZI projektu:
Pred **izvajanjem** kakršnih koli del na objektu je potrebno imeti PZI in gradbeno dovoljenje. V kolikor se dela izvajajo s pomanjkljivo tehnično dokumentacijo (brez gradbenega dovoljenja ali brez PZI), ne odgovarjam za pravilnost izbranih tehničnih rešitev.
Pri gradnji objekta mora biti poskrbljeno za **strokovno nadzorstvo** nad gradnjo, sicer ne sme izvajati nobenih del.

D.) POŽARNA ODPORNOST:

Požarne odpornosti armiranega betona in prednapetega armiranega betona (A.B. in P.A.B.) ustreza zahtevam požarne študije in zahteve iz projektne naloge brez dodatnih zaščit ob upoštevanju minimalne dimenzije posameznih tipov elementov in zaščitnih slojev po SIST EN 1992-1-2:2005 – projektiranje požarne odpornosti konstrukcij. Požarna študija je sestavni del projekta. Vplivi in obtežbe so privzeti iz standardov SIST EN (EUROCODE), ki veljajo v Republiki Sloveniji.
Vgradijo se materiali navedeni pod točko 3.2.2.

Projekt betona za klasični del bo izdelal izbran izvajalec glede na svojo tehnologijo in uporabljen material.
Požarna odpornost AB elementov:
- projektiranje požarne odpornosti konstrukcij: SIST EN 1992-1-2:2005 z nacionalnim dodatkom SIST EN 1992-1-1:2004 /oA101

Pri požarni odpornosti posameznih elementov smo upoštevali na osnovi zgoraj navedenega standarda glede požarne odpornosti posameznih elementov, minimalne dimenzije posameznih tipov elementov, zaščitne sloje brez dodatne zaščite in sicer :

- nosilni stebri ; SIST EN 1992-1-2:2005 – poglavje 5.3;
  - požarna odpornost min 90 min – RE60;
- nosilci; SIST EN 1992-1-2:2005 – poglavje 5.6
  - Žagasti nosilec - požarna odpornost min 90 min – RE90
  - Nosilec Tribun KL – x - požarna odpornost min 60 min – RE60
- plošče; SIST EN 1992-1-2:2005 – poglavje 5.7
  - plošče - požarna odpornost min 60 min – RE60

Obtežbe upoštevane pri izdelavi projektne dokumentacije so usklajene z zahtevami projektne naloge. Vplivi in obtežbe so privzeti iz standardov SIST EN in ENV (EUROCODE), ki veljajo v Republiki Sloveniji.

E.) ZAKLJUČEK :

Objekta se morata izvesti na osnovi načrtov PZI – opažnih in armaturnih načrtov.
Stikovanje in montaža elementov montažne konstrukcije (členkasti in togi spoji) se izvedejo po posebnih navodilih montaže.
Pri izvedbi AB montažne konstrukcije je izvajalec dolžan voditi gradnjo po veljavnih tehničnih predpisih in standardih ter voditi dokumentacijo, s katero dokazuje kvaliteto vgrajenih materialov in tehnoloških postopkov.

Pri izvedbi je potrebno paziti na trenutno stabilnost posameznih elementov objekta. Tukaj si pomagamo z začasnim in priročnim premoščanjem in podpiranjem, katero pa mora biti dodatno zavarovano. Pri izgradnji objekta je potrebno upoštevati pogoje gradbišča in pozicije ter sposobnosti nosilnih elementov konstrukcije objekta, ki jih lahko začasno obremenimo. Upoštevati vse predpise o varstvu pri delu.
Za vsako spremembo namembnosti projektiranih prostorov se je potrebno dogovoriti s pooblaščenim projektantom, ki poda mnenje o vplivu novih obtežnih pogojev na nosilno konstrukcijo.
Vsi vgrajeni materiali morajo ustrezati veljavnim standardom in predpisom, za kar je odgovoren izvajalec.
Ni dovoljeno naknadno prebijanje nosilnih elementov brez soglasja pooblaščenega projektanta!

Lipovci, maj 2025

Pooblaščeni inženir za montažno AB konstrukcijo:
Jure TIKVIČ, univ.dipl.inž.gradb.

ANALIZA PO STANDARDU EC

Objekt bo lociran na območju Murske Sobote. Glede na dani podatek lahko določim obtežbo snega, vetra in potresa na objekt. Ostale obtežbe so podane še pri izračunu elementov konstrukcije.

Objekt:	**SEVEROZAHODNA POKRITA TRIBUNA S POMOŽNIMI PROSTORI NA OBMOČJU STADIONA FAZANERIJA (FAZA 1 – KONSTRUKCIJA TRIBUN)**
Investitor:	**Mestna občina Murska Sobota, Kardoševa ul. 2, 9000 MS**
Lokacija:	**Murska Sobota**
Št. projekta:	**397/25**
Št. načrta:	**14/25-GK-M**
Kraj in datum izdelave načrta:	**Lipovci, MAJ 2025**

2.0 VPLIVI (OBTEŽBE)

2.1 Stalne obremenitve konstrukcije (G_k)

Lastna teža konstruktivnih elementov

Upoštevana je lastna teža konstruktivnih elementov s specifično težo betona 25,00 kN/m3, jekla 78,50 kN/m3. Program upošteva sam obremenitve na podlagi izbranih prerezov konstruktivnih elementov oz. debeline plošč.

2.1.1 Stalna obtežba : Nivo: Tribuna AB klopi

Stalna obtežba G - ***(lastno težo votlih plošč upošteva program)***

- Sedišča + instalacije = 1,00 kN/m^2

Skupaj G' = 1,00 kN/m^2

2.1.2 Stalna obtežba: AB Fasada parapet

- Betonska fasada 12 cm beton = 3,0 kN/m^2

2.2 Spremenljive obremenitve konstrukcije (Q_k)

2.2.1 Koristna obtežba : Nivo: Tribuna AB klopi

2.2.2 Koristna obtežba snega; (cona A2, nadmorska višina ≈ 250m)

Koristne obtežbe - sneg in faktorji Ψ (za ravne in enokapne strehe $\alpha \leq 30°$)

Sneg - na strehi s = 1,47 kN/m^2	za H ≤ 1000 m :	Ψo	Ψ_1	Ψ_2
		0,50	0,20	0

- obtežba snega; (N.V. 190 m, - Murska Sobota cona A2)

$$s_k = 1{,}293\left[1+\left(\frac{A}{728}\right)^2\right] = s_k = 1{,}293\left[1+\left(\frac{190}{728}\right)^2\right] = 1{,}38 \text{ x } 1{,}00$$

= 1,38 kN/m^2

Skupaj Q' = 1,38 kN/m^2

Izračun karakteristične obtežbe snega na strešno konstrukcijo naklona 2% :

$Q = 1{,}47 \times 1{,}00 = 1{,}47\ kN/m^2$ – na mestu brez kopičenja snega - neogrevani prostori

2.2.3 Obtežbe vetra po standardu EC1 – EN 1991-1-4:2005 (E)

Objekt je lociran na območju Murska Sobota. Glede na dani podatek iz preglednic veternih obtežb in lokacije obtežb sledi:

Lokacija na nadmorski višini:	A = 190 m
Vetrna cona:	1
Kategorije terena in terenski parametri:	II
Višina stavbe nad terenom:	h= 6,0 m
Faktor hribovitosti terena :	$c_o(z) = 1{,}00$

Osnovne vrednosti (4.2)

Temeljna vrednost osnovne hitrosti vetra	$v_{b,o}$ =	20,00 m/s
Osn. hitrost vetra (smerni fakt. in fakt. let. časa sta 1,00):	v_b =	20,00 m/s
Osnovni tlak vetra:	q_b =	0,20 kN/m^2

Vpliv vetra na konstrukcijo

- zunanji pritisk; zunanji pritisk se predpostavi kot pozitiven, če deluje k zunanji steni
- notranji pritisk; notranji pritisk je pozitiven, če deluje od znotraj k steni.

Notranje delovanje vetra

Za zaprte prostore z notranjimi pregradami in okenskimi odprtinami se lahko uporabijo ekstremne vrednosti; $c_{pi} = +0{,}2$ ali $c_{pi} = -0{,}3$. Pri določitvi obtežb vetra je potrebno upoštevati vrednost koeficientov glede na smer vetra in sicer:

Notranji pritisk (7.3):

Koeficienti notranjega tlaka C_{pi} : $c_{pi} = 0{,}20$

$$q_{np} = q_p(z) \circ 0{,}20 = 0{,}51 \circ 0{,}20 = 0{,}10 \frac{kN}{m^2}$$

Notranje sesanje (7.3):

Koeficienti notranjega tlaka C_{pi} : $c_{pi} = -0{,}30$

$$q_{ns} = q_p(z) \circ (-0{,}30) = 0{,}51 \circ 0{,}30 = -0{,}15 \frac{kN}{m^2}$$

2.2.4 Koristna obtežba : Nivo: tribuna

- koristna po projektni nalogi ktg. C5 - po projektni shemi obtežb
- **ktg. C5 Q2 = 5,00 kN/m^2**

2.3 Seizmične obremenitve konstrukcije in projektni spekter pospeškov

Objekt leži na območju Murska Sobota s predvidenim projektnim pospeškom tal **a_g = 0,100 g**

Lipovci, MAJ 2025

Pooblaščeni inženir za montažno AB konstrukcijo:
Jure TIKVIČ, univ.dipl.inž.gradb.

Position: LWS+-001_Tribune MURA MS ANALIZA OBTEZB (Sneg + Veter)

Lasten aus Wind und Schnee (x64) LWS+ 01/25A (FRILO R-2025-1/P07)

System

Basiswerte

Land			Europa
Schnee-Norm			EN 1991-1-3:2010-12
Wind-Norm			EN 1991-1-4:2010-12
Gemeinde			-
Geländehöhe	hNN	=	180.00 m
Klimaregion			Alpine Region
Schneezone			2
Geländekategorie			KategorieII

(Eine Gemeindezuordnung ist in den Schnee- und Windnormen nicht rechtsverbindlich geregelt!)

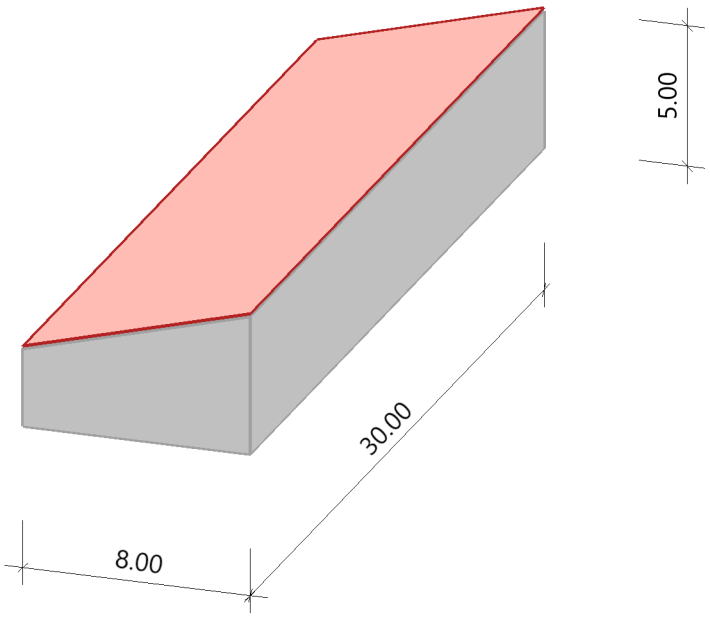
Beiwerte

C_{esl} = 2.000 Faktor für Schneetrauflast k = 3.00

Geometrie Pultdach

Gebäudehöhe	h	=	5.00	m			
Gebäudelänge	l	=	30.00	m			
Gebäudebreite	b	=	8.00	m			
mit Pultdach							
Dachneigung	α_{li}	=	15.0	°			
Überstand	$ü_{li}$	=	0.00	m	$ü_{re}$	=	0.00 m
Überstand	$ü_1$	=	0.00	m	$ü_2$	=	0.00 m
Dachbreite/länge	dx	=	8.00	m	dy	=	30.00 m

Grafik



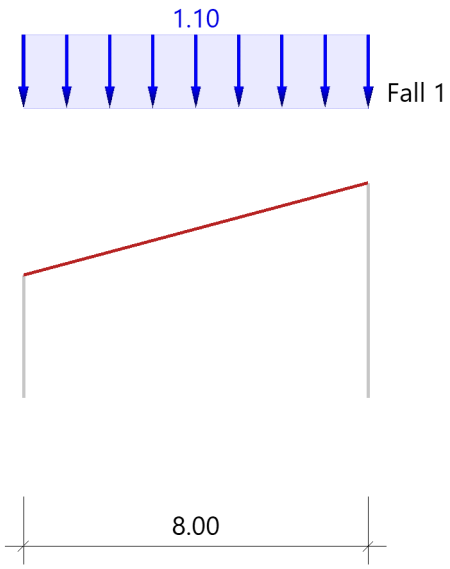
Lasten

Bodenschneelast	sk	=	1.37	kN/m²
Basiswindgeschwindigkeit	vb0	=	20.0	m/s
Basisgeschwindigkeitsdruck	qb0	=	0.25	kN/m²
Referenzhöhe	z_e	=	5.00	m
Geschwindigkeitsstaudruck	qp,0(h)	=	0.48	kN/m²
Geschwindigkeitsstaudruck	qp,90(h)	=	0.48	kN/m²

Ergebnisse

Schnee

Grafik, Querschnitt



Tabelle, Querschnitt

Sit	μ_{li}	Fall (I) s_{li} [kN/m²]	$S_{e,li}$ [kN/m]	$F_{s,li}$ [kN/m]
P/T	0.80	1.10		
excp	0.80	2.20		

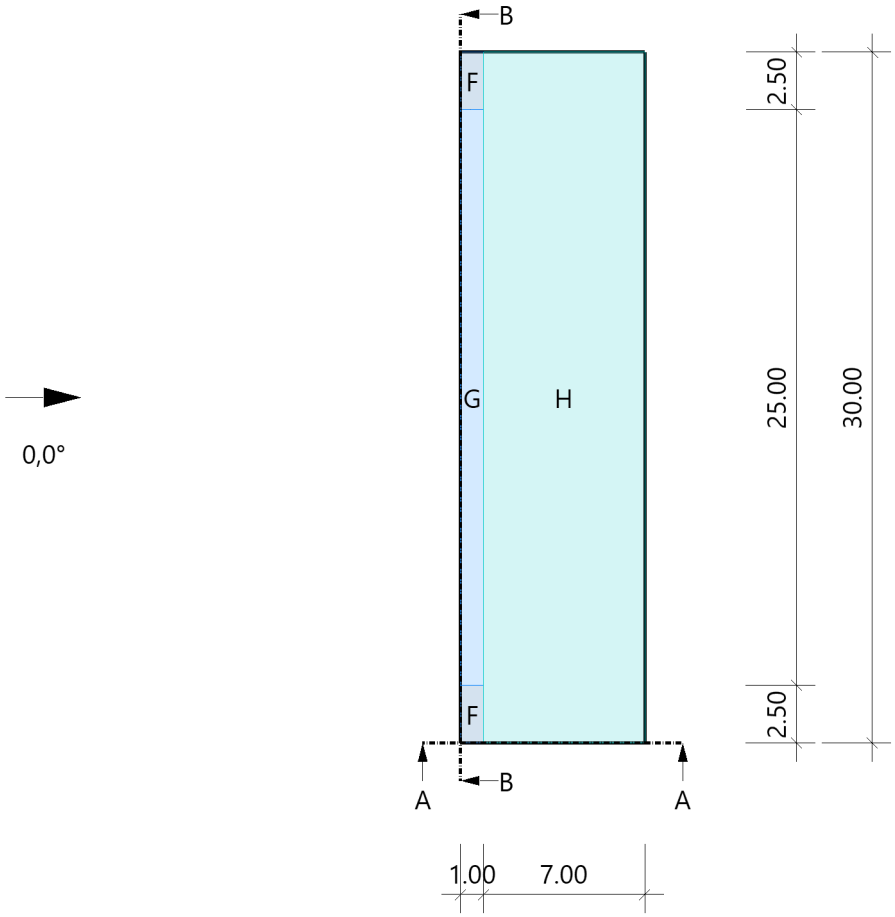
Alle Werte sind charakteristische Werte.
Sit: P/T=persistent/transient, excp=exceptional

Wind

Hinweis

Die Windlasten werden immer auf Basis des Winddruckbeiwert-Verfahrens ermittelt.
Diese Windlasten sind für die Bauteilbemessung relevant!

Grafik, 0°, Draufsicht



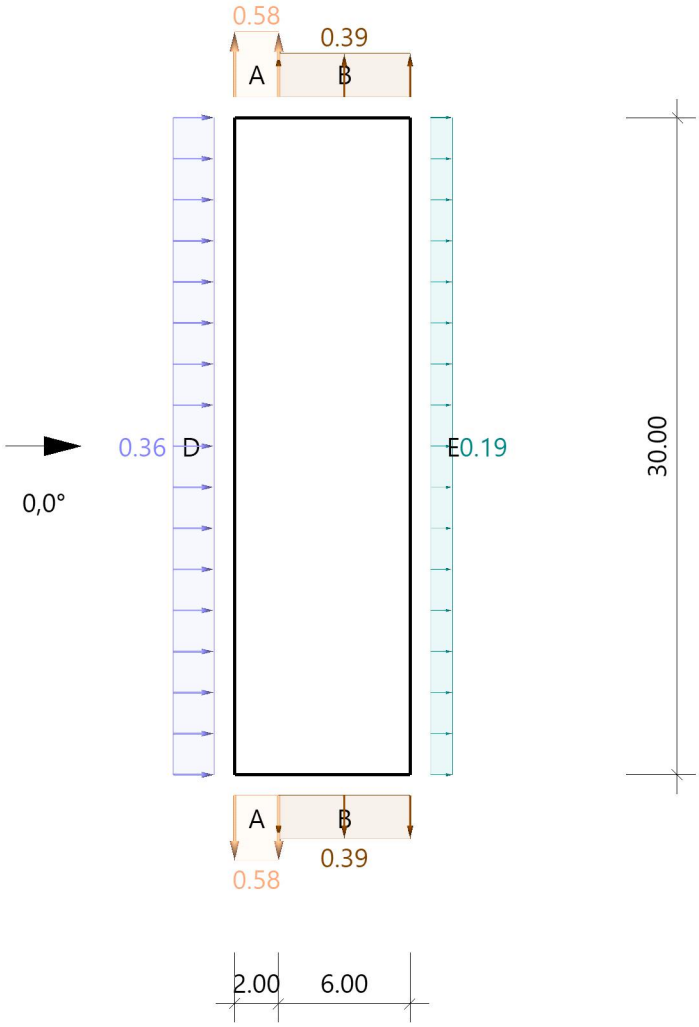
Tabelle, 0°, Draufsicht

Referenzeinflußbreite e = 10.00 m

Bereich	Bauteil	$c_{pe,10+}$	$c_{pe,10-}$	$c_{pe,1+}$	$c_{pe,1-}$	$w_{e,10+}$ [kN/m²]	$w_{e,10-}$ [kN/m²]	$w_{e,1+}$ [kN/m²]	$w_{e,1-}$ [kN/m²]	l_x [m]	l_y [m]
F	DF links	0.20	-0.90	0.20	-2.00	0.10	-0.43	0.10	-0.96	1.00	2.50
G	DF links	0.20	-0.80	0.20	-1.50	0.10	-0.39	0.10	-0.72	1.00	25.00
H	DF links	0.20	-0.30	0.20	-0.30	0.10	-0.14	0.10	-0.14	7.00	30.00

Alle Werte sind charakteristische Werte.

Grafik, 0°, Schnitt durch die Wände



Lasteinzugsfläche für die grafische Darstellung = 10.00 m ²

Tabelle, 0°, Schnitt durch die Wände

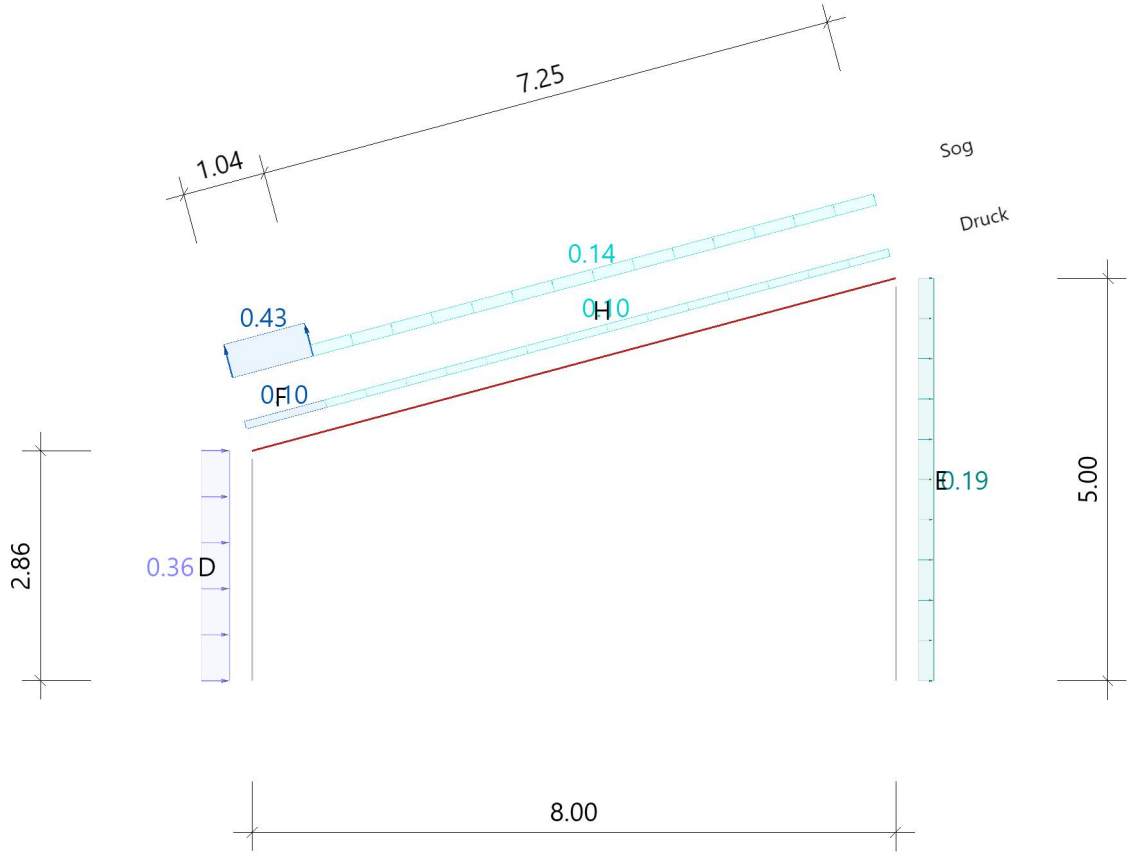
Referenzeinflußbreite e = 10.00 m
Verhältnis h/d = 0.625 h/b = 0.167 d/b = 0.267

Bereich	Bauteil	$c_{pe,10+}$	$c_{pe,10-}$	$c_{pe,1+}$	$c_{pe,1-}$	$w_{e,10+}$ [kN/m²]	$w_{e,10-}$ [kN/m²]	$w_{e,1+}$ [kN/m²]	$w_{e,1-}$ [kN/m²]	l_x [m]	l_y [m]
D [1]	Wand links	0.75	0.00	1.00	0.00	0.36	0.00	0.48	0.00		30.00
E	Wand rechts	0.00	-0.40	0.00	-0.40	0.00	-0.19	0.00	-0.19		30.00
A	Wand vorne [2]	0.00	-1.20	0.00	-1.40	0.00	-0.58	0.00	-0.68	2.00	
B	Wand vorne [2]	0.00	-0.80	0.00	-1.10	0.00	-0.39	0.00	-0.53	6.00	

Alle Werte sind charakteristische Werte.

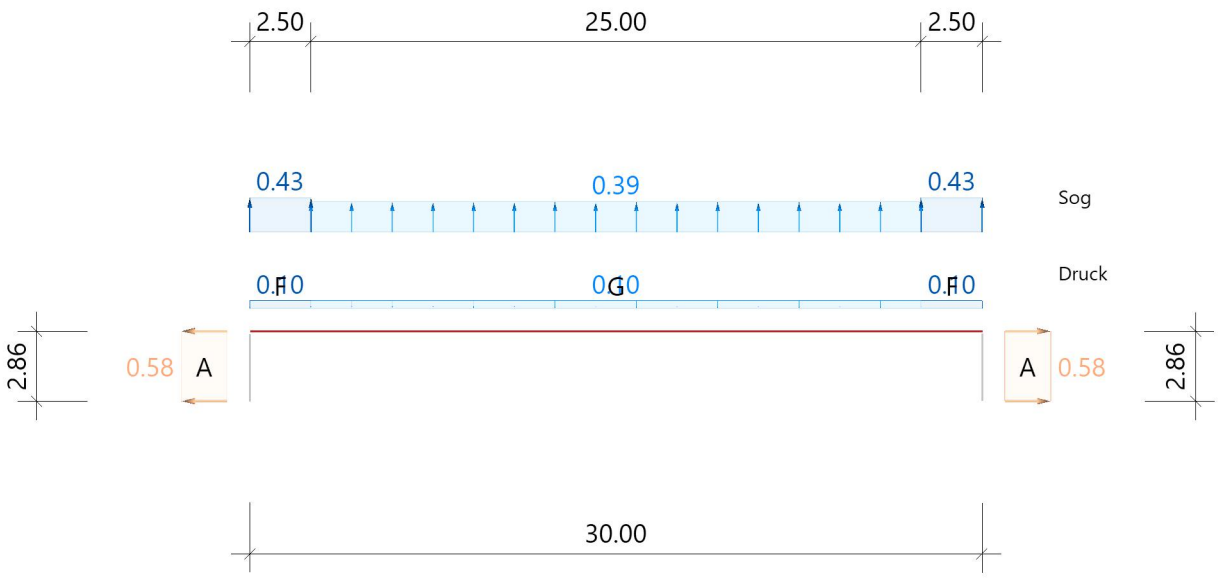
1 : für die luvseitige Wand gilt die Bezugshöhe ze nach Bild 7.4
2 : Wand hinten enthält die gleichen Werte

Grafik, 0°, Querschnitt A-A



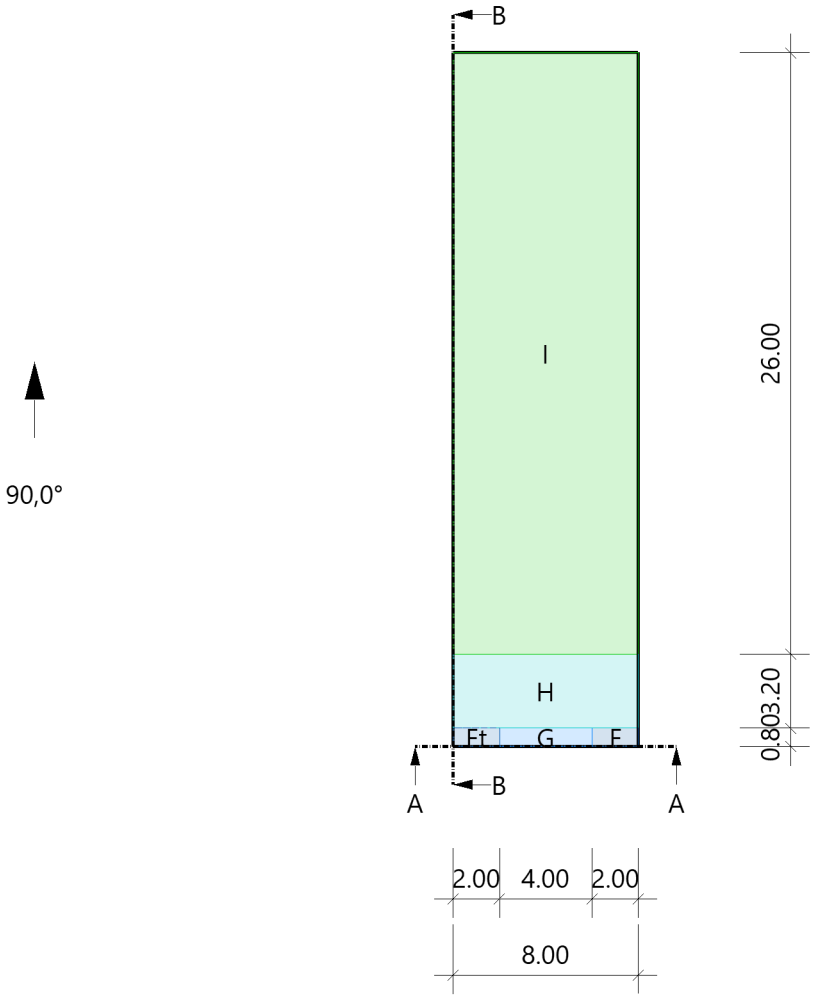
Druck- und Soglasten dürfen innerhalb einer Bauteilfläche nicht gleichzeitig angesetzt werden!

Grafik, 0°, Längsschnitt B-B



Druck- und Soglasten dürfen innerhalb einer Bauteilfläche nicht gleichzeitig angesetzt werden!

Grafik, 90°, Draufsicht



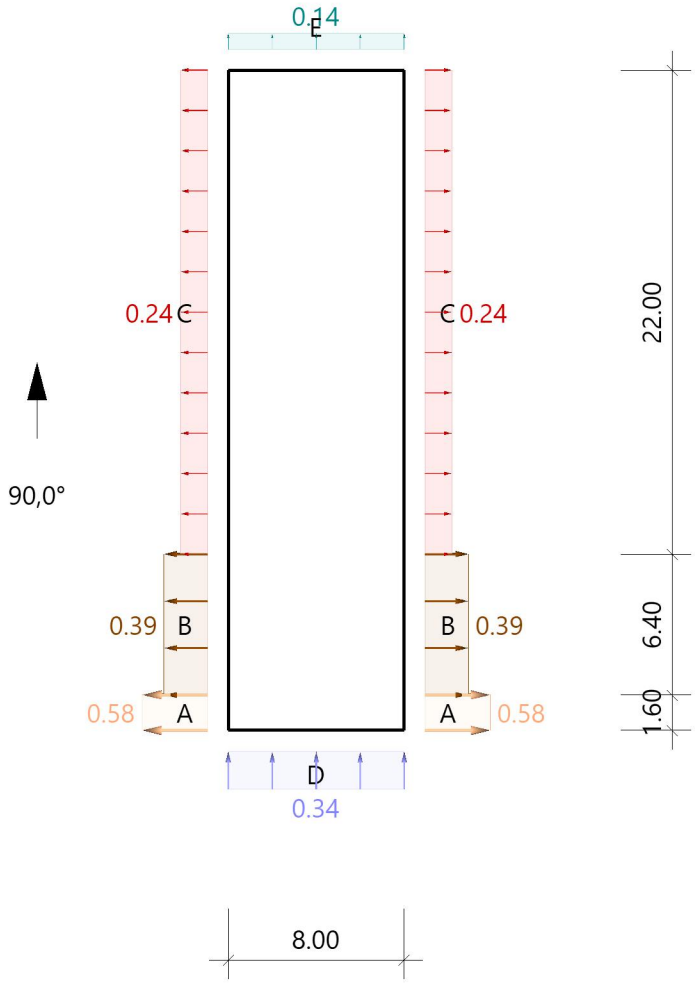
Tabelle, 90°, Draufsicht

Referenzeinflußbreite e = 8.00 m

Bereich	Bauteil	$c_{pe,10+}$	$c_{pe,10-}$	$c_{pe,1+}$	$c_{pe,1-}$	$w_{e,10+}$ [kN/m²]	$w_{e,10-}$ [kN/m²]	$w_{e,1+}$ [kN/m²]	$w_{e,1-}$ [kN/m²]	l_x [m]	l_y [m]
F	DF links	0.00	-2.40	0.00	-2.90	0.00	-1.16	0.00	-1.40	2.00	0.80
Ft	DF links	0.00	-1.60	0.00	-2.40	0.00	-0.77	0.00	-1.16	2.00	0.80
G	DF links	0.00	-1.90	0.00	-2.50	0.00	-0.92	0.00	-1.21	4.00	0.80
H	DF links	0.00	-0.80	0.00	-1.20	0.00	-0.39	0.00	-0.58	8.00	3.20
I	DF links	0.00	-0.70	0.00	-1.20	0.00	-0.34	0.00	-0.58	8.00	26.00

Alle Werte sind charakteristische Werte.

Grafik, 90°, Schnitt durch die Wände



Lasteinzugsfläche für die grafische Darstellung = 10.00 m ^{2}

Tabelle, 90°, Schnitt durch die Wände

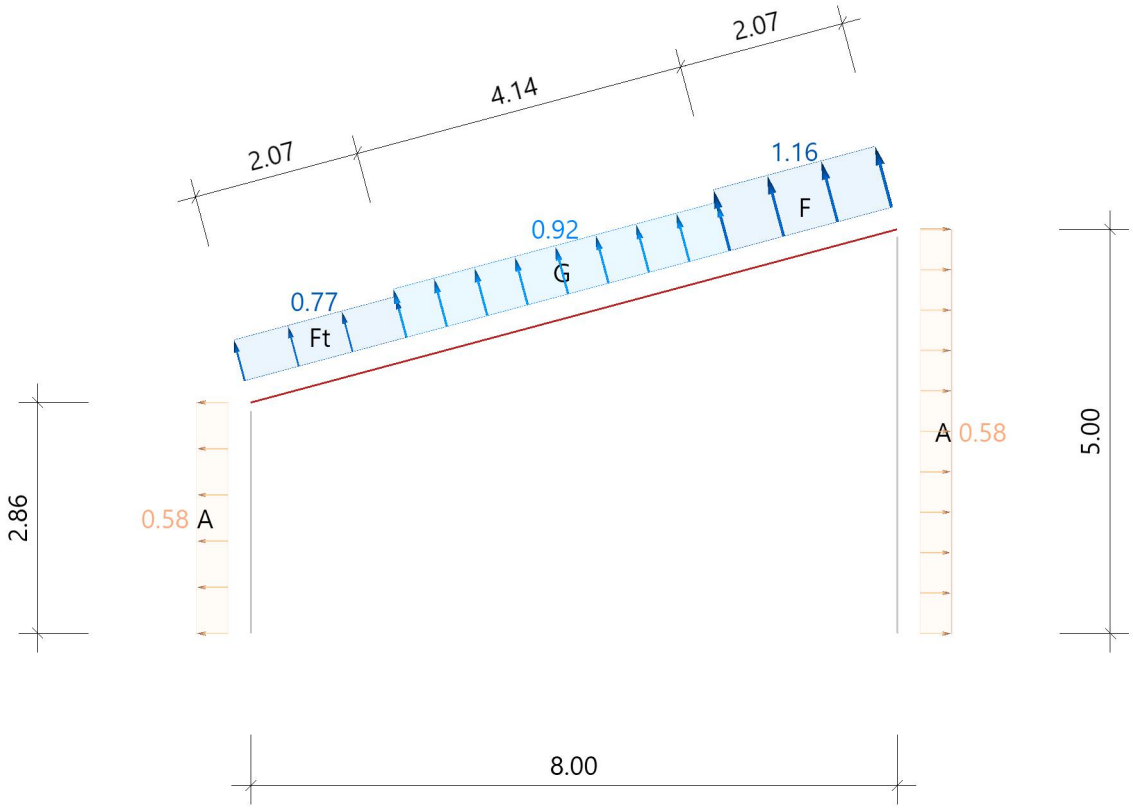
Referenzeinflußbreite e = 8.00 m
Verhältnis h/d = 0.167 h/b = 0.625 d/b = 3.750

Bereich	Bauteil	$c_{pe,10+}$	$c_{pe,10-}$	$c_{pe,1+}$	$c_{pe,1-}$	$w_{e,10+}$ [kN/m²]	$w_{e,10-}$ [kN/m²]	$w_{e,1+}$ [kN/m²]	$w_{e,1-}$ [kN/m²]	l_x [m]	l_y [m]
D [1]	Wand vorne	0.70	0.00	1.00	0.00	0.34	0.00	0.48	0.00	8.00	
E	Wand hinten	0.00	-0.30	0.00	-0.30	0.00	-0.14	0.00	-0.14	8.00	
A	Wand links [2]	0.00	-1.20	0.00	-1.40	0.00	-0.58	0.00	-0.68		1.60
B	Wand links [2]	0.00	-0.80	0.00	-1.10	0.00	-0.39	0.00	-0.53		6.40
C	Wand links [2]	0.00	-0.50	0.00	-0.50	0.00	-0.24	0.00	-0.24		22.00

Alle Werte sind charakteristische Werte.

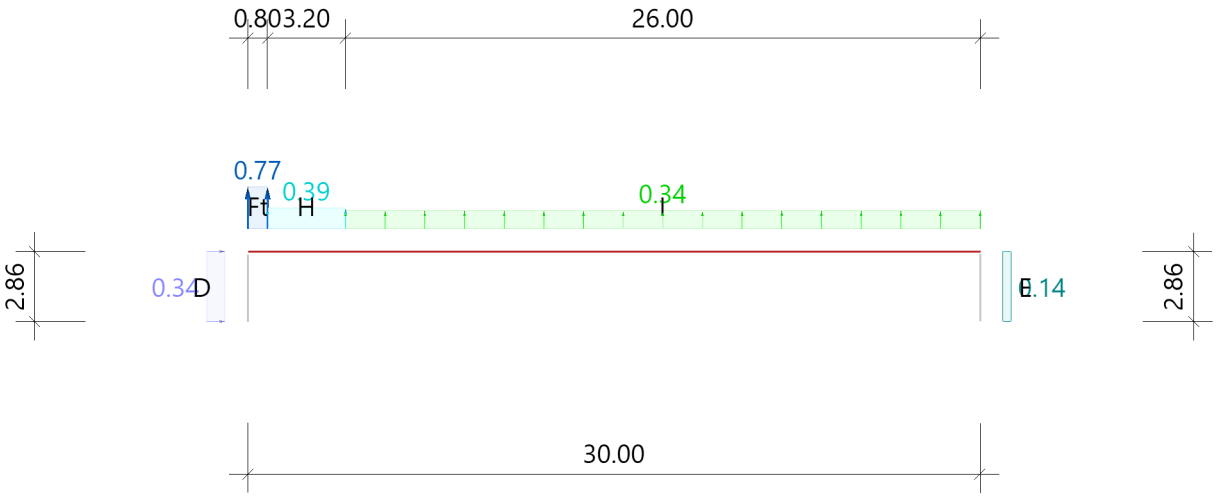
1 : für die luvseitige Wand gilt die Bezugshöhe ze nach Bild 7.4
2 : Wand rechts enthält die gleichen Werte

Grafik, 90°, Querschnitt A-A



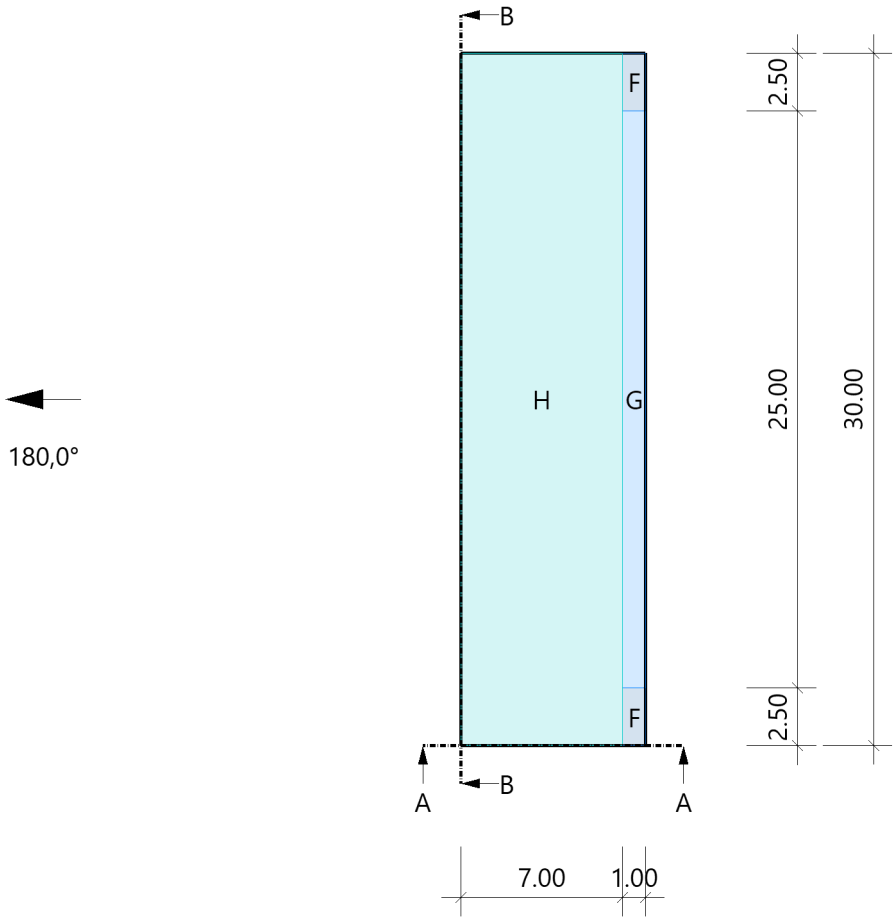
Druck- und Soglasten dürfen innerhalb einer Bauteilfläche nicht gleichzeitig angesetzt werden!

Grafik, 90°, Längsschnitt B-B



Druck- und Soglasten dürfen innerhalb einer Bauteilfläche nicht gleichzeitig angesetzt werden!

Grafik, 180°, Draufsicht

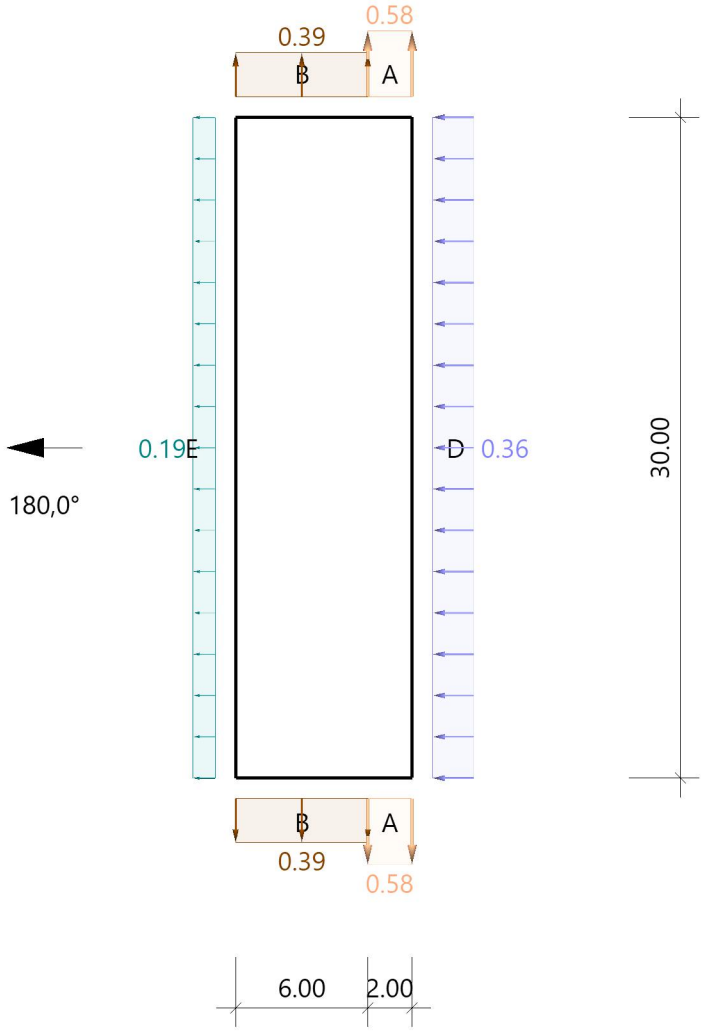


Tabelle, 180°, Draufsicht

Referenzeinflußbreite e = 10.00 m

Bereich	Bauteil	$c_{pe,10+}$	$c_{pe,10-}$	$c_{pe,1+}$	$c_{pe,1-}$	$w_{e,10+}$ [kN/m²]	$w_{e,10-}$ [kN/m²]	$w_{e,1+}$ [kN/m²]	$w_{e,1-}$ [kN/m²]	l_x [m]	l_y [m]
F	DF links	0.00	-2.50	0.00	-2.80	0.00	-1.21	0.00	-1.35	1.00	2.50
G	DF links	0.00	-1.30	0.00	-2.00	0.00	-0.63	0.00	-0.96	1.00	25.00
H	DF links	0.00	-0.90	0.00	-1.20	0.00	-0.43	0.00	-0.58	7.00	30.00
Alle Werte sind charakteristische Werte.											

Grafik, 180°, Schnitt durch die Wände



Lasteinzugsfläche für die grafische Darstellung = 10.00 m ²

Tabelle, 180°, Schnitt durch die Wände

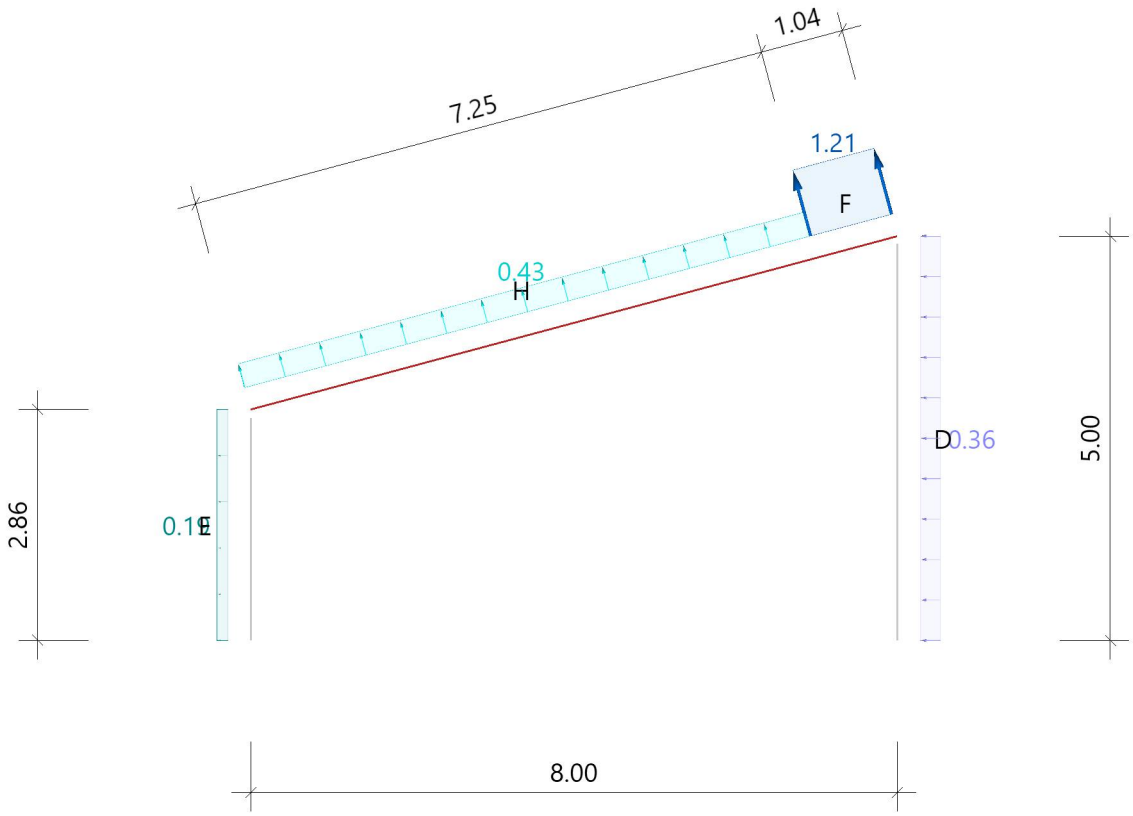
Referenzeinflußbreite e = 10.00 m
Verhältnis h/d = 0.625 h/b = 0.167 d/b = 0.267

Bereich	Bauteil	$c_{pe,10+}$	$c_{pe,10-}$	$c_{pe,1+}$	$c_{pe,1-}$	$w_{e,10+}$ [kN/m²]	$w_{e,10-}$ [kN/m²]	$w_{e,1+}$ [kN/m²]	$w_{e,1-}$ [kN/m²]	l_x [m]	l_y [m]
D [1]	Wand rechts	0.75	0.00	1.00	0.00	0.36	0.00	0.48	0.00		30.00
E	Wand links	0.00	-0.40	0.00	-0.40	0.00	-0.19	0.00	-0.19		30.00
A	Wand vorne [2]	0.00	-1.20	0.00	-1.40	0.00	-0.58	0.00	-0.68	2.00	
B	Wand vorne [2]	0.00	-0.80	0.00	-1.10	0.00	-0.39	0.00	-0.53	6.00	

Alle Werte sind charakteristische Werte.

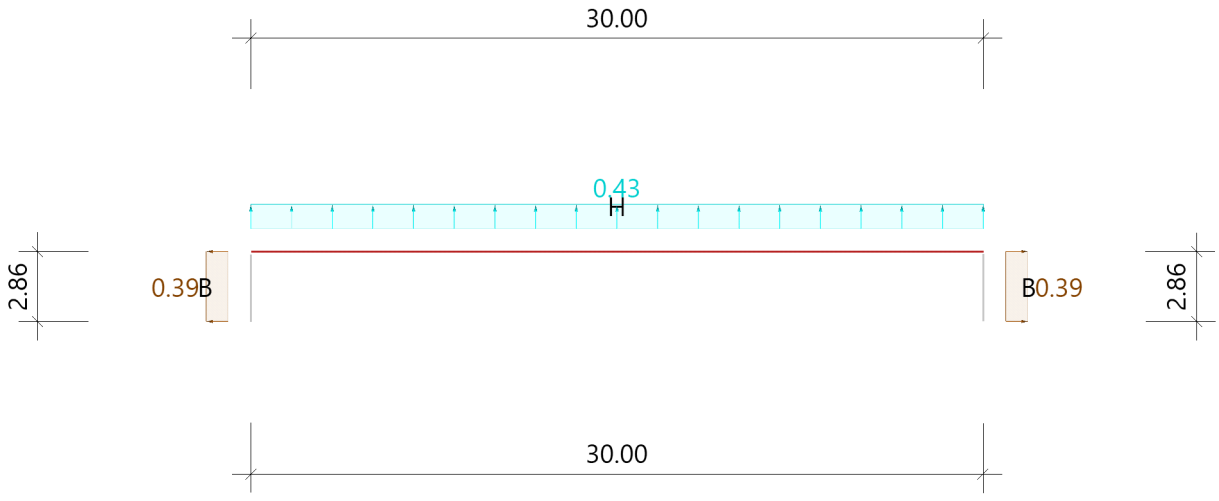
1 : für die luvseitige Wand gilt die Bezugshöhe ze nach Bild 7.4
2 : Wand hinten enthält die gleichen Werte

Grafik, 180°, Querschnitt A-A



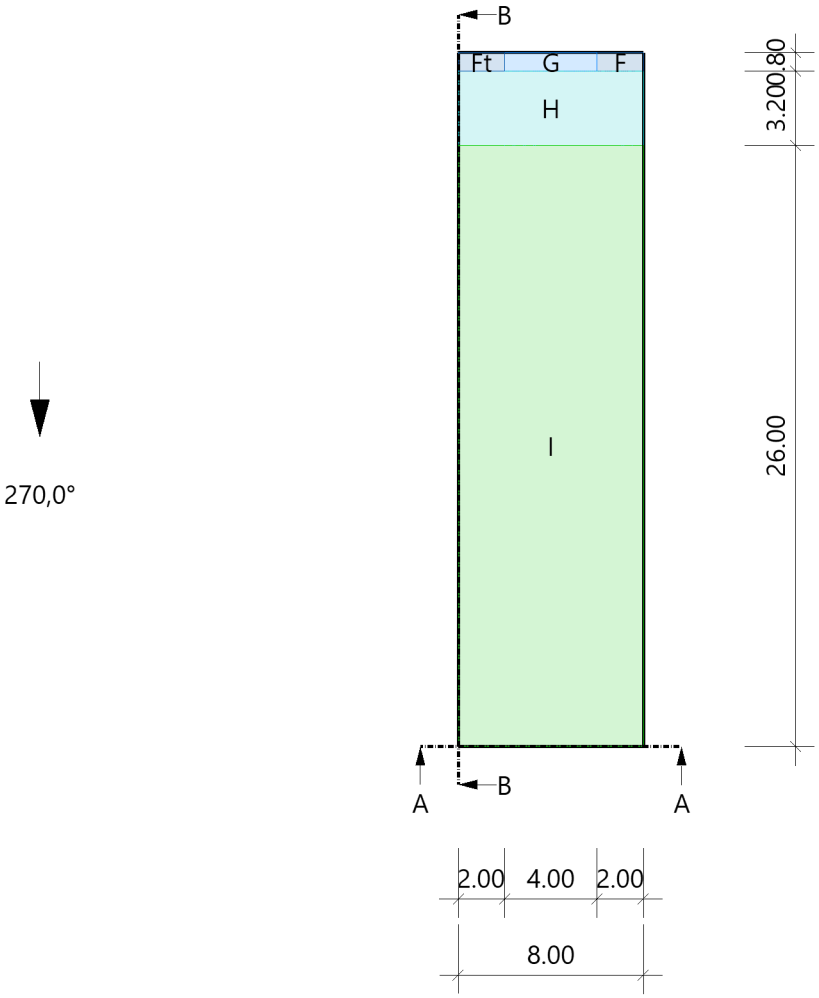
Druck- und Soglasten dürfen innerhalb einer Bauteilfläche nicht gleichzeitig angesetzt werden!

Grafik, 180°, Längsschnitt B-B



Druck- und Soglasten dürfen innerhalb einer Bauteilfläche nicht gleichzeitig angesetzt werden!

Grafik, 270°, Draufsicht



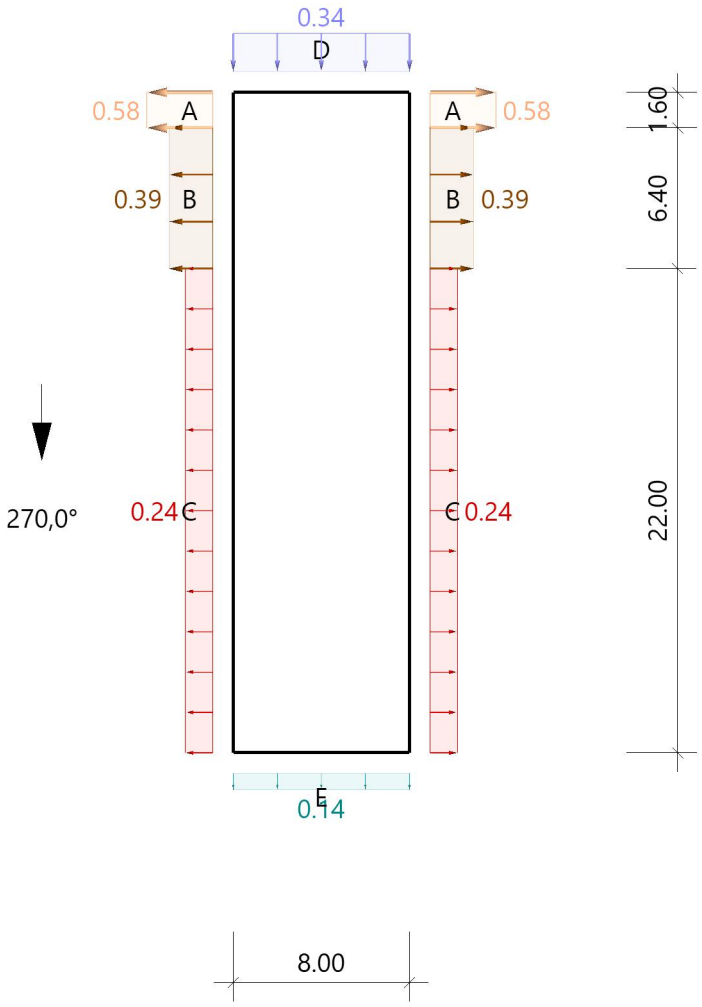
Tabelle, 270°, Draufsicht

Referenzeinflußbreite e = 8.00 m

Bereich	Bauteil	$c_{pe,10+}$	$c_{pe,10-}$	$c_{pe,1+}$	$c_{pe,1-}$	$w_{e,10+}$ [kN/m²]	$w_{e,10-}$ [kN/m²]	$w_{e,1+}$ [kN/m²]	$w_{e,1-}$ [kN/m²]	l_x [m]	l_y [m]
F	DF links	0.00	-2.40	0.00	-2.90	0.00	-1.16	0.00	-1.40	2.00	0.80
Ft	DF links	0.00	-1.60	0.00	-2.40	0.00	-0.77	0.00	-1.16	2.00	0.80
G	DF links	0.00	-1.90	0.00	-2.50	0.00	-0.92	0.00	-1.21	4.00	0.80
H	DF links	0.00	-0.80	0.00	-1.20	0.00	-0.39	0.00	-0.58	8.00	3.20
I	DF links	0.00	-0.70	0.00	-1.20	0.00	-0.34	0.00	-0.58	8.00	26.00

Alle Werte sind charakteristische Werte.

Grafik, 270°, Schnitt durch die Wände



Lasteinzugsfläche für die grafische Darstellung = 10.00 m ²

Tabelle, 270°, Schnitt durch die Wände

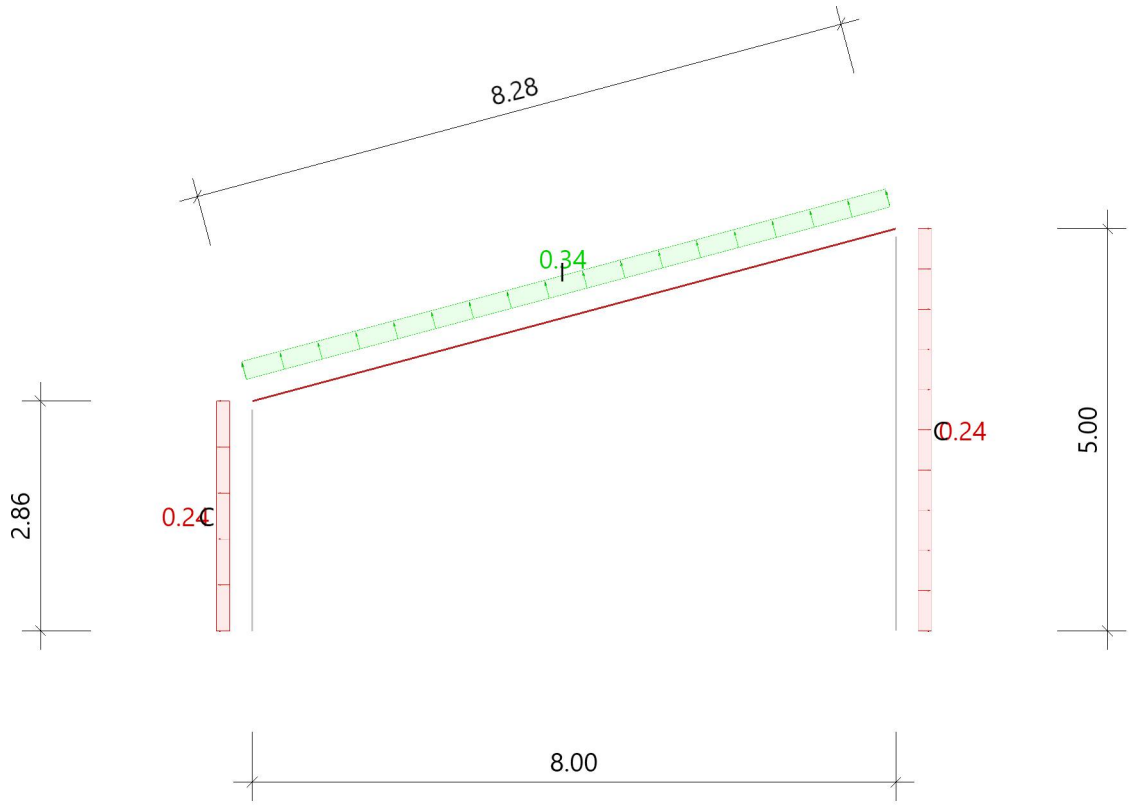
Referenzeinflußbreite e = 8.00 m
Verhältnis h/d = 0.167 h/b = 0.625 d/b = 3.750

Bereich	Bauteil	$c_{pe,10+}$	$c_{pe,10-}$	$c_{pe,1+}$	$c_{pe,1-}$	$w_{e,10+}$ [kN/m²]	$w_{e,10-}$ [kN/m²]	$w_{e,1+}$ [kN/m²]	$w_{e,1-}$ [kN/m²]	l_x [m]	l_y [m]
D [1]	Wand hinten	0.70	0.00	1.00	0.00	0.34	0.00	0.48	0.00	8.00	
E	Wand vorne	0.00	-0.30	0.00	-0.30	0.00	-0.14	0.00	-0.14	8.00	
A	Wand links [2]	0.00	-1.20	0.00	-1.40	0.00	-0.58	0.00	-0.68		1.60
B	Wand links [2]	0.00	-0.80	0.00	-1.10	0.00	-0.39	0.00	-0.53		6.40
C	Wand links [2]	0.00	-0.50	0.00	-0.50	0.00	-0.24	0.00	-0.24		22.00

Alle Werte sind charakteristische Werte.

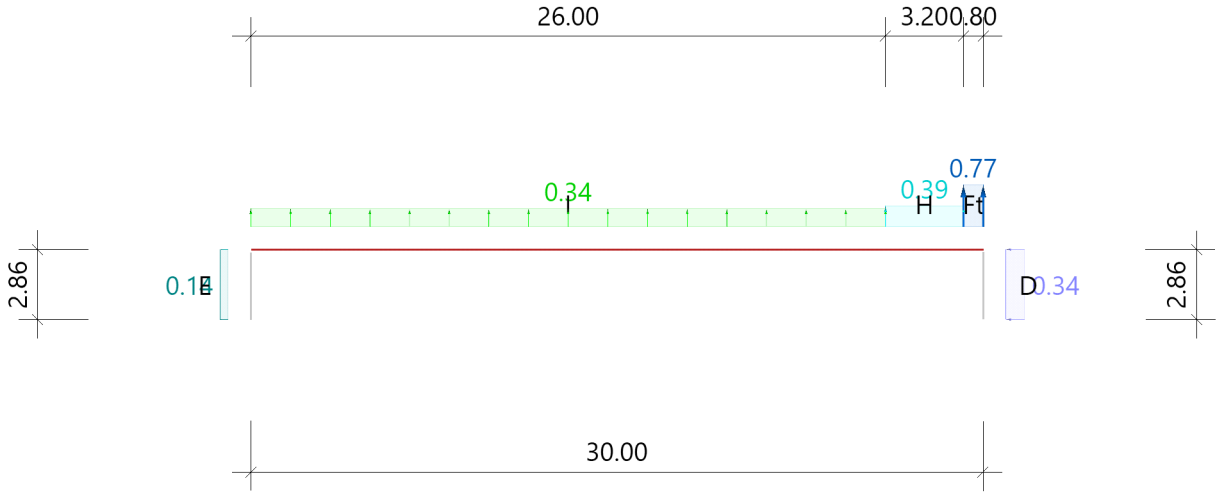
1 : für die luvseitige Wand gilt die Bezugshöhe ze nach Bild 7.4
2 : Wand rechts enthält die gleichen Werte

Grafik, 270°, Querschnitt A-A



Druck- und Soglasten dürfen innerhalb einer Bauteilfläche nicht gleichzeitig angesetzt werden!

Grafik, 270°, Längsschnitt B-B



Druck- und Soglasten dürfen innerhalb einer Bauteilfläche nicht gleichzeitig angesetzt werden!

Position: KL-A1 Montažna Plošèa tribune Raster E=500cm

Durchlaufträger (x64) DLT+ 02/25 (FRILO R-2025-2/P02)

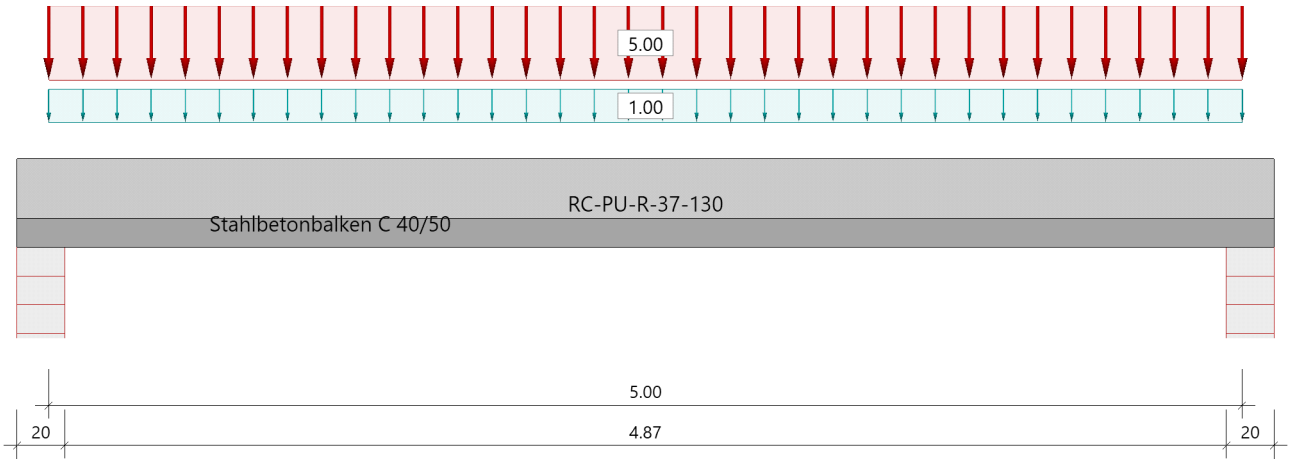
Grundparameter

Stahlbetonbalken E = 35000 N/mm²

DIN EN 1992-1-1/NA/A1:2015-12

System

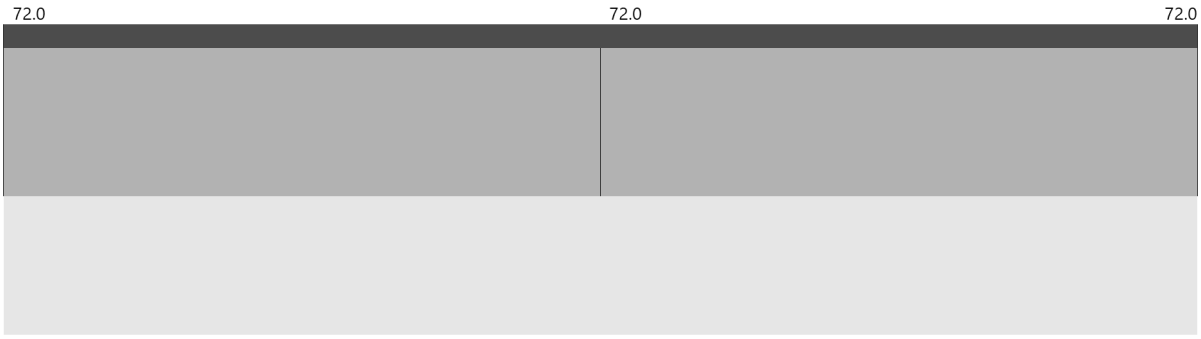
Systembild



Eff. mitwirkende Breiten



Eff. mitwirkende Breiten für Bemessung



Material

Materialauswahl

Fertigteil C 40/50	f_{ck}	=	40.00	N/mm²	E_{cm}	=	35000	N/mm²
Betonstahl B500B	f_{yk}	=	500.00	N/mm²	E_s	=	200000	N/mm²
	$k(f_t/f_y)$	=	1.08		ε_{uk}	=	50.0	‰ (Bügel und Längsbewehrung)

Geometrie

Querschnitte

Nr	Art	b_o [cm]	h_o [cm]	b [cm]	h [cm]	b_u [cm]	h_u [cm]
1	Platte unten rechts			10.0	37.0	130.0	12.0

Querschnitte mit eff.mitwirkender Breite

x [m]	bo [cm]	ho [cm]	b0 [cm]	h0 [cm]	bu [cm]	hu [cm]	min Asu [cm²]	min Aso [cm²]
0.00			10.0	37.0	72.0	12.0	1.2	1.0
5.00			10.0	37.0	72.0	12.0	1.2	1.0

Die jeweiligen Plattenbreiten (unten bzw. oben) wurden für die Berechnung der Mindestbewehrung (min Asu bzw. min Aso) auf 3*b0 begrenzt.

Auflager (Lagerbedingungen)

Nr	x [m]	uy [kN/m]	uz [kN/m]	Verdrehungen *) Φ_x [kNm/rad]	Φ_y [kNm/rad]	Φ_z [kNm/rad]
1	0.00	-1	-1	-1	0.0	0.0
2	5.00	-1	-1	0.0	0.0	0.0

*) -1 = starr, 0 = frei, > 0 = elastisch

Lasten

Streckenlasten

Bezug	Nr	Art	A [m]	L1 [m]	L2 [m]	W1 [kN/m]	W2 [kN/m]	wirkt Feldweise	EG	Zus	Alt
System	1	GL		5.00		1.00		Nein	ständig		
	2	GL		5.00		5.00		Ja	Kat. C		

Bezug : Systembezogen (Vorderkante Träger) oder Feldlast
Art : 1 - Gleichstreckenlast (GL), 4 - Trapezlast (TL), 5 - Dreiecklast (DL)
A : Abstand zur Last von Feldanfang oder Vorderkante Träger
EG : Lasteinwirkung
Zus : Zusammengehörigkeitsgruppe
Alt : Alternativgruppe

Eigengewicht

Gesamtgewicht = 2263 kg mit Gamma = 25.00 kN/m³ berücksichtigt.

Übersicht der verwendeten Einwirkungen

Einwirkungen

Bezeichnung	ψ_0	ψ_1	ψ_2	$\gamma_{F,inf}$	$\gamma_{F,sup}$
ständig				1.00	1.35
Kat. C: Versammlungsbereiche	0.70	0.70	0.60		1.50

Schadensfolgeklasse CC 2 nach EN 1990 Tab. B1 -> K_{Fi} = 1.0 Tab. B3

Ergebnisse

Bemessungsparameter

Bemessungsnorm	:	DIN EN 1992-1-1/NA/A1:2015-12
Basis	:	EN 1992-1-1:2004/A1:2014
Sicherheitskonzept/Lastkombinatorik	:	DIN EN 1990/NA:2010-12
Schadensfolgeklasse	:	CC 2
Ψ_2 = 0.5 für Schnee (AE)	:	nicht angesetzt
Kombination ständiger Lasten	:	alle gleiches γ_F ($\gamma_{G,sup}$ oder $\gamma_{G,inf}$)
Zugversteifung GZG	:	wird angesetzt
Nachweis Spannungsbegrenzung	:	wird geführt
Überprüfung des lin. Kriechansatzes	:	wird geführt

Anforderungen Dauerhaftigkeit:

Betonangriff			X0		
Bewehrungskorrosion			XC1		
Mindestbetonklasse			C 16/20		
Bügel	$d_{s,b}$	=	8	mm	
Längsbewehrung	$d_{s,l}$	=	12	mm	
Vorhaltemaß	Δc_{dev}	=	10	mm	
Bügel	$c_{min,b}$	=	10	mm	
Betondeckung	$c_{nom,b}$	=	20	mm	
Längsbewehrung	$c_{min,l}$	=	12	mm	*5
Betondeckung	$c_{nom,l}$	=	28	mm	*1
Verlegemaß Bügel	$c_{v,b}$	=	20	mm	
zul. Rissbreite	w_{max}	=	0.40	mm	

*1: mit cmin,b
*5: Verbund maßgebend

Kriechzahl und Schwindmaß

Luftfeuchte	LU	=	50	%	Zement Typ N,R
Normalbeton	f_{ck}	=	40	N/mm2	
Belastungsalter	t_0	=	28	Tage	t= unendlich
Kriechzahl	$\phi(t_0,t)$	=	2.04		
Schwindmaß	$\varepsilon_{cs}(t)$	=	-0.50	‰	

Betondeckung

Betondeckung	unten	=	3.0 cm	oben	=	3.0 cm
	links	=	3.0 cm	rechts	=	3.0 cm
Bewehrungslagen	unten	=	4.4 cm	oben	=	10.8 cm

Abminderung der Stützmomente <= 15 %

Bemessungseinstellungen

- Die Feldbewehrung ist gestaffelt.
- Die Duktilitätsbewehrung nach 9.2.1.1 ist in erf As enthalten.
- Grenze kx < .45 wird eingehalten.
- Mitwirkende Plattenbreite wird bei der Bemessung berücksichtigt.
- Verankerung am Endauflager ist nur 50% von VEd an VK Endauflager.
- Verankerung am Endauflager von VEd an VK Endauflager mal cot(Theta)/2.

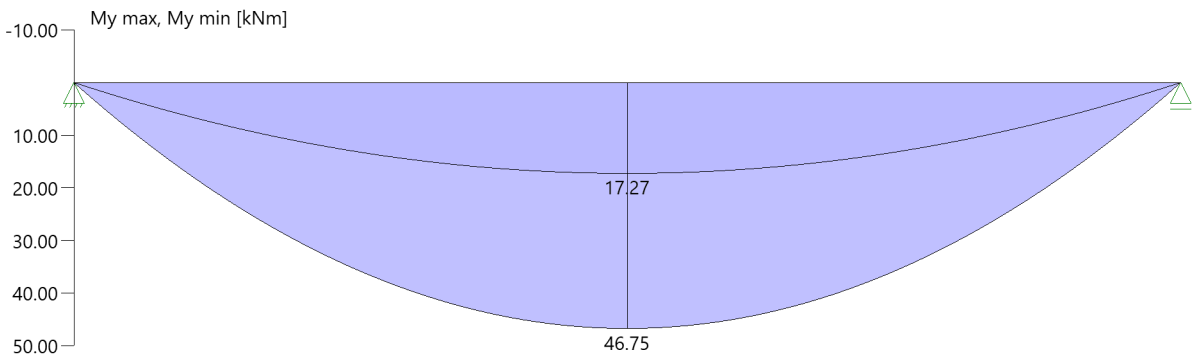
Auflagerbedingungen

Alle Auflager gleich : Mauerwerk b = 20.0 cm

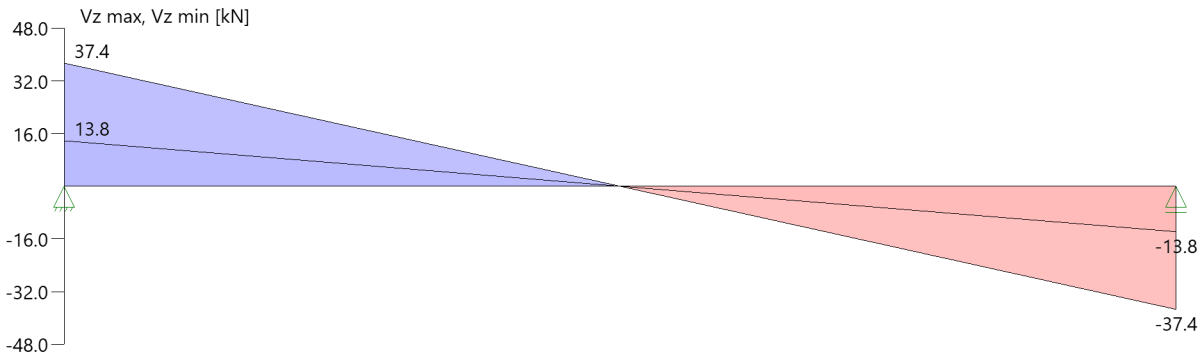
Tragsicherheit - Lastkombination ständig/vorübergehend

Schnittgrößen

Umhüllende der Momente



Umhüllende der Querkräfte



Schnittgrößen

Feld	x_{rel} [m]	x [m]	$M_{y,Ed}$ [kNm]	$V_{z,Ed}$ [kN]	Lk
Feld 1	0.00	0.00	0.00	37.4	1
	0.00	0.00	0.00	13.8	2
	2.50	2.50	46.75	0.0	1
	5.00	5.00	0.00	-13.8	2
	5.00	5.00	0.00	-37.4	1

Feldbewehrung

Feld	x_{rel} [m]	x [m]	Myd [kNm]	min Myd [kNm]	d [cm]	kx	Asu [cm²]	Aso [cm²]		Lk
Feld 1	2.50	2.50	46.75	46.75	32.6	0.27	3.7	0.0		1
	4.69	4.69	11.04	11.04	32.6	0.07	1.2	0.0	1	1

Am ersten Auflager sind mindestens 1.4 cm² zu verankern.
Am letzten Auflager sind mindestens 1.4 cm² zu verankern.
Querkraft VK-Lager ist mit F = V,Ed * cot(Theta) / 2 berücksichtigt.

1 : Mindestbewehrung nach DIN EN 1992-1 9.2.1.1 (1)

Querkraftbewehrung

Stütze [Nr]		x_{rel} [m]	x [m]	kz	VEd [kN]	θ [°]	VRd,c [kN]	VRd,max [kN]	a max [cm]	asw [cm²/m]	Lk
1	rechts	0.07	0.07	0.79	36.4	19.2	23.9	136.3	VRd,max > VEd		
	rechts	0.39	0.39	0.79	31.5	18.4	23.9	131.6	25.9	1.12[1]	1
	*	0.72	0.72	0.79	26.6	18.4	23.9	131.6	25.9	1.12[1]	1
2	links	0.07	4.93	0.79	-36.4	19.2	23.9	136.3	VRd,max > VEd		
	links	0.39	4.61	0.79	-31.5	18.4	23.9	131.6	25.9	1.12[1]	1
	*	0.72	4.28	0.79	-26.6	18.4	23.9	131.6	25.9	1.12[1]	1

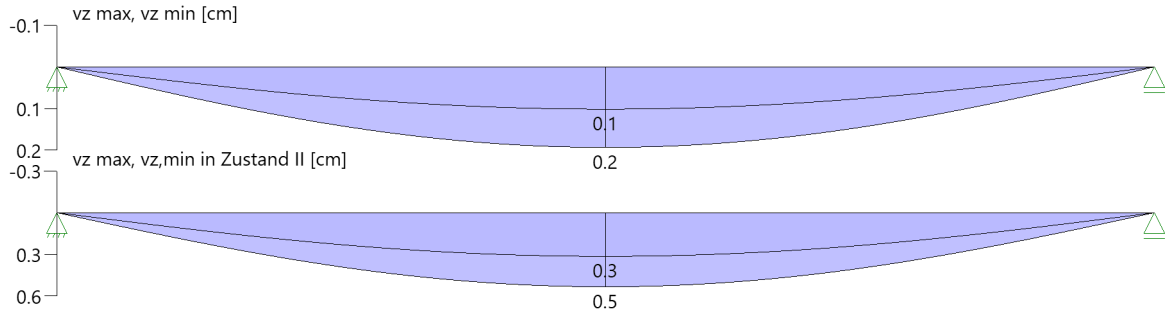
* Flächengleicher Einschnitt der Schublinie
Der max. Bügelabstand wird mit θ >= 40° ermittelt (Heft 525 DAfStb).

1 : Mindestbügelbewehrung

Gebrauchstauglichkeit

Grafik Verformungen

Umhüllende der Verformungen - Gebrauchstauglichkeit



Gebrauchstauglichkeit - Lastkombination charakteristisch

Durchbiegungen Zustand I

Baugruppe	x [m]	$f_{y,Ed}$ [cm]	$f_{z,Ed}$ [cm]	Lfk
Feld 1	2.50	0.0	0.2	3

Durchbiegungen Zustand II

Berechnung mit effektiven Steifigkeiten und effektiver Kriechzahl: ϕ_{eff} = 1.65 ε_{cs} = -0.50 ‰
Kombination charakteristisch
Mit Nachweis der relativen Grenzverformung (l_{eff} / 250)

Feld	x [m]	fEIIz,g [cm]	fEIIz,g / l_{eff}	fEIIz,$\phi\varepsilon$ [cm]	fEIIz,$\phi\varepsilon$ / l_{eff}	fEII,$\phi\varepsilon$ [cm]	η
Feld 1	2.50	0.1	1/4316	0.5	1/937	0.5	0.27

x : Stelle x
fEIIz,g : Vertikale Durchbiegung im Zustand II infolge ständiger Lasten
fEIIz,$\phi\varepsilon$: Maßgebende vertikale Durchbiegung im Zustand II mit Kriechen und Schwinden
fEII,$\phi\varepsilon$: maßgebende Durchbiegung

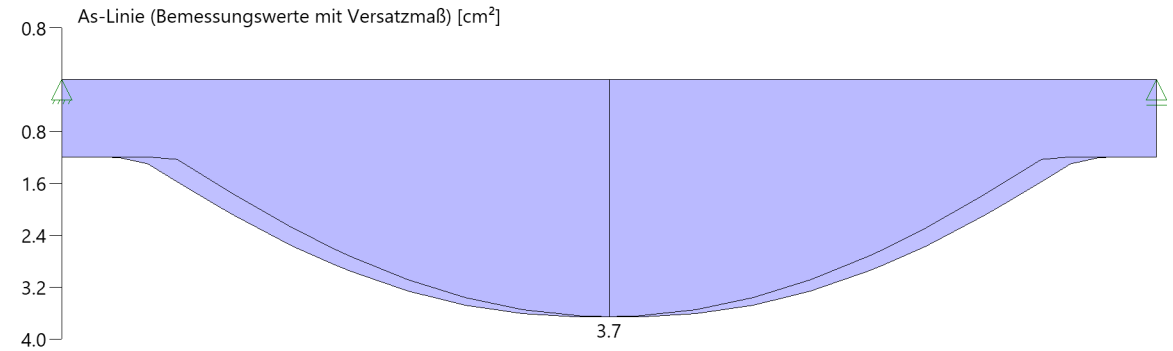
Spannungsbegrenzung

Nachweis Gebrauchstauglichkeit: quasi ständ. Kombination

Nachweis der Rissbreite: XC1/X0-- > zul wk = 0.40 mm
nach EN2 7.2(3) sC = 0.45 * fck = 18.00 N/mm²

Feld	x [m]	My [kNm]	Asu [cm²]	Aso [cm²]	σS(t=∞) [N/mm²]	σC(t=0) [N/mm²]	vorh ds [mm]	zul ds [mm]	Lfk
Feld 1	0.00	0.02	5.7	3.4	0.62	-0.04	12	100	4
	2.11	25.98	5.7	3.4	175.68	-15.40	12	29	4
	2.50	26.64	5.7	3.4	180.18	-15.80	12	28	4
	2.89	25.98	5.7	3.4	175.68	-15.40	12	29	4
	5.00	0.02	5.7	3.4	0.62	-0.04	12	100	4

As-Deckungslinien





Biegebewehrung unten

von [m]	bis [m]	Länge [m]	$A_{s,erf.,unten}$ [cm2]	$\Sigma A_{s,vorh.,unten}$ [cm2]	Summe [cm2]	$A_{s,vorh.,unten}$ [Anz. Ø mm]
0,00 0,00	5,00 5,00	5,00 5,00	3,7 3,7	5,7 0,0	5,7 5,7	5Ø12 [1]

1 : erste Lage durchlaufend

Biegebewehrung oben

von [m]	bis [m]	Länge [m]	$A_{s,erf.,oben}$ [cm2]	$\Sigma A_{s,vorh.,oben}$ [cm2]	Summe [cm2]	$A_{s,vorh.,oben}$ [Anz. Ø mm]
0,00	2,50	2,50	0,0	3,4	3,4	3Ø12 [1]
2,50	5,00	2,50	0,0	3,4	3,4	3Ø12 [1]

1 : erste Lage durchlaufend

Schubbewehrung

von [m]	bis [m]	Länge [m]	$A_{s,erf.}$ [cm2/m]	$A_{s,vorh.}$ [cm2/m]	$A_{s,vorh.}$ [Anz. Ø mm / cm]
-0,10	5,10	5,20	1,1	5,0	Ø8/20

Auflagerkräfte

Auflagerkräfte - charakteristisch je Einwirkung

Nr	x [m]	Einwirkung	$R_{z,min}$ [kN]	$R_{z,max}$ [kN]	$M_{y,min}$ [kNm]	$M_{y,max}$ [kNm]
1	0.00	ständig Kat. C: Versammlungsbereiche	13.8	13.8 12.5		
2	5.00	ständig Kat. C: Versammlungsbereiche	13.8	13.8 12.5		

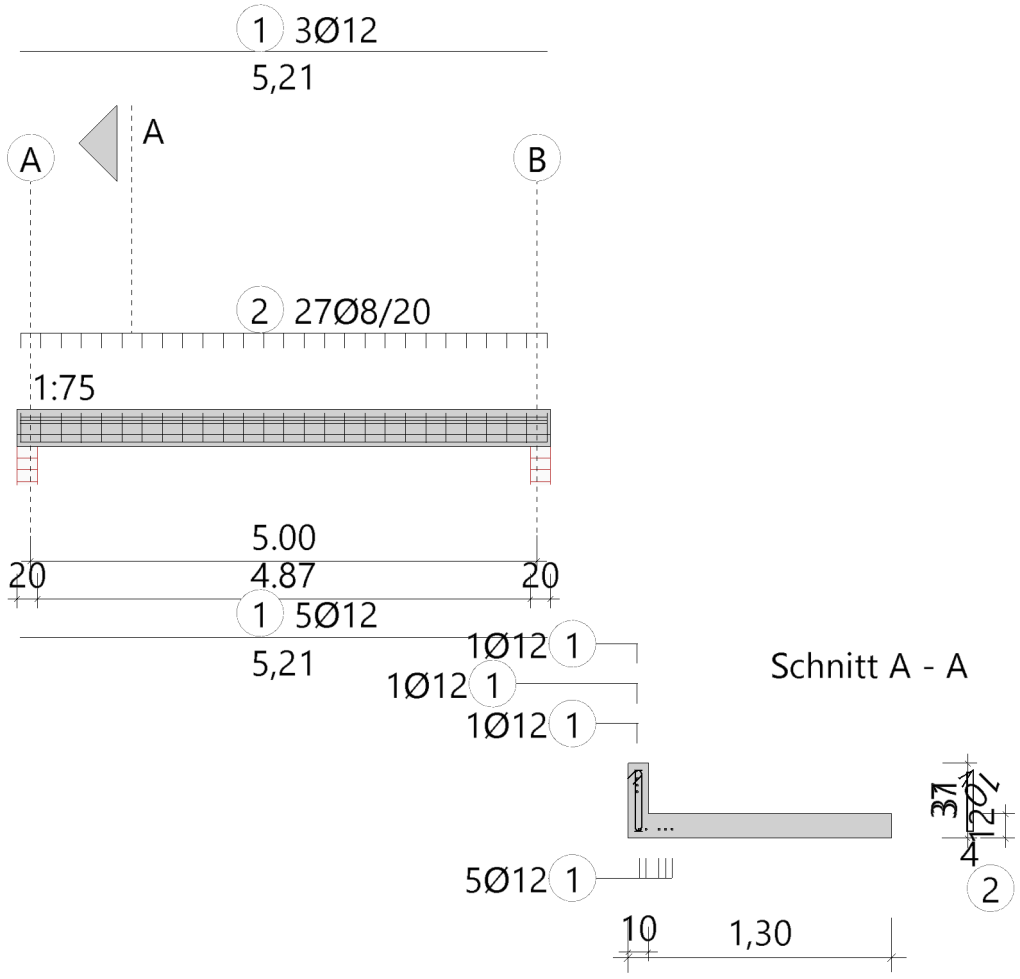
Maßgebliche Kombinationen

In der folgende Tabelle sind die Lasten mit der internen Nummer angegeben. Die anschließende Tabelle der maßgeblichen Kombinationen referenziert auf diese Nummern.

generierte Last	Feld	Ewg	orig. Last	W1	W2	A [m]	L [m]
L 1	*	ständig	1	1.00	1.00	0.00	5.00
L 2	1	Kat. C	2	5.00	5.00	0.00	5.00

gen. Last	Lk 1	Lk 2	Lk 3	Lk 4
L 1	1.35	1.00	1.00	1.00
L 2	**1.50**		**1.00**	0.60
Eigengewicht	1.35	1.00	1.00	1.00

Bewehrung



Position: KL-B1 Montažna Plošèa tribune Raster E=500cm

Durchlaufträger (x64) DLT+ 02/25 (FRILO R-2025-2/P02)

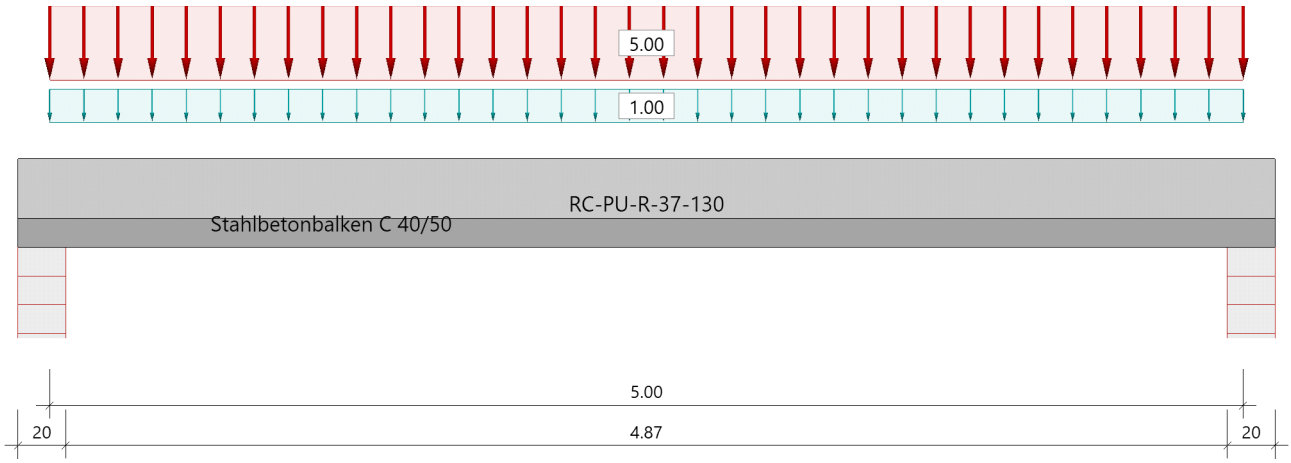
Grundparameter

Stahlbetonbalken E = 35000 N/mm²

DIN EN 1992-1-1/NA/A1:2015-12

System

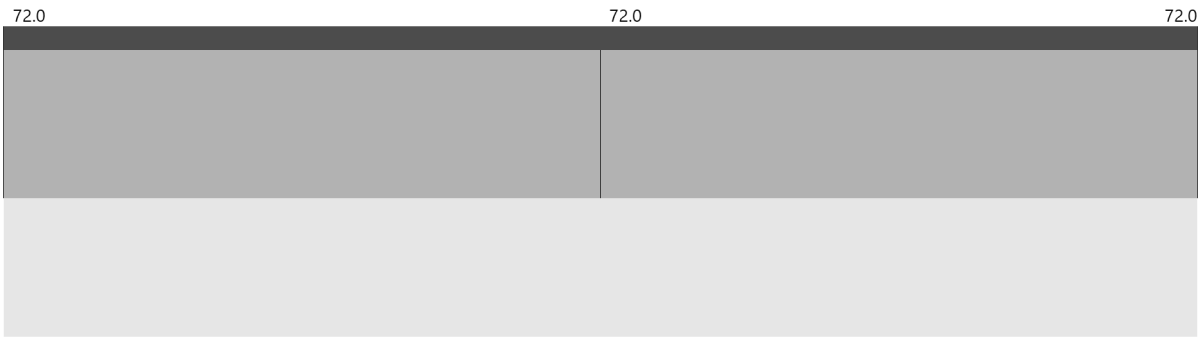
Systembild



Eff. mitwirkende Breiten



Eff. mitwirkende Breiten für Bemessung



Material

Materialauswahl

Fertigteil C 40/50	f_{ck}	=	40.00	N/mm²	E_{cm} =	35000	N/mm²
Betonstahl B500B	f_{yk}	=	500.00	N/mm²	E_s =	200000	N/mm²
	$k(f_t/f_y)$	=	1.08		ε_{uk} =	50.0	°/₀₀ (Bügel und Längsbewehrung)

Geometrie

Querschnitte

Nr	Art	b_o [cm]	h_o [cm]	b [cm]	h [cm]	b_u [cm]	h_u [cm]
1	Platte unten rechts			10.0	37.0	130.0	12.0

Querschnitte mit eff.mitwirkender Breite

x [m]	bo [cm]	ho [cm]	b0 [cm]	h0 [cm]	bu [cm]	hu [cm]	min Asu [cm²]	min Aso [cm²]
0.00			10.0	37.0	72.0	12.0	1.2	1.0
5.00			10.0	37.0	72.0	12.0	1.2	1.0

Die jeweiligen Plattenbreiten (unten bzw. oben) wurden für die Berechnung der Mindestbewehrung (min Asu bzw. min Aso) auf 3*b0 begrenzt.

Auflager (Lagerbedingungen)

Nr	x [m]	uy [kN/m]	uz [kN/m]	Verdrehungen *) Φ_x [kNm/rad]	Φ_y [kNm/rad]	Φ_z [kNm/rad]
1	0.00	-1	-1	-1	0.0	0.0
2	5.00	-1	-1	0.0	0.0	0.0

*) -1 = starr, 0 = frei, > 0 = elastisch

Lasten

Streckenlasten

Bezug	Nr	Art	A [m]	L1 [m]	L2 [m]	W1 [kN/m]	W2 [kN/m]	wirkt Feldweise	EG	Zus	Alt
System	1	GL		5.00		1.00		Nein	ständig		
	2	GL		5.00		5.00		Ja	Kat. C		

Bezug : Systembezogen (Vorderkante Träger) oder Feldlast
Art : 1 - Gleichstreckenlast (GL), 4 - Trapezlast (TL), 5 - Dreiecklast (DL)
A : Abstand zur Last von Feldanfang oder Vorderkante Träger
EG : Lasteinwirkung
Zus : Zusammengehörigkeitsgruppe
Alt : Alternativgruppe

Eigengewicht

Gesamtgewicht = 2263 kg mit Gamma = 25.00 kN/m³ berücksichtigt.

Übersicht der verwendeten Einwirkungen

Einwirkungen

Bezeichnung	ψ_0	ψ_1	ψ_2	$\gamma_{F,inf}$	$\gamma_{F,sup}$
ständig				1.00	1.35
Kat. C: Versammlungsbereiche	0.70	0.70	0.60		1.50

Schadensfolgeklasse CC 2 nach EN 1990 Tab. B1 -> K_{Fi} = 1.0 Tab. B3

Ergebnisse

Bemessungsparameter

Bemessungsnorm	:	DIN EN 1992-1-1/NA/A1:2015-12
Basis	:	EN 1992-1-1:2004/A1:2014
Sicherheitskonzept/Lastkombinatorik	:	DIN EN 1990/NA:2010-12
Schadensfolgeklasse	:	CC 2
Ψ_2 = 0.5 für Schnee (AE)	:	nicht angesetzt
Kombination ständiger Lasten	:	alle gleiches γ_F ($\gamma_{G,sup}$ oder $\gamma_{G,inf}$)
Zugversteifung GZG	:	wird angesetzt
Nachweis Spannungsbegrenzung	:	wird geführt
Überprüfung des lin. Kriechansatzes	:	wird geführt

Anforderungen Dauerhaftigkeit:

Betonangriff			X0		
Bewehrungskorrosion			XC1		
Mindestbetonklasse			C 16/20		
Bügel	$d_{s,b}$	=	8	mm	
Längsbewehrung	$d_{s,l}$	=	12	mm	
Vorhaltemaß	Δc_{dev}	=	10	mm	
Bügel	$c_{min,b}$	=	10	mm	
Betondeckung	$c_{nom,b}$	=	20	mm	
Längsbewehrung	$c_{min,l}$	=	12	mm	*5
Betondeckung	$c_{nom,l}$	=	28	mm	*1
Verlegemaß Bügel	$c_{v,b}$	=	20	mm	
zul. Rissbreite	w_{max}	=	0.40	mm	

*1: mit cmin,b
*5: Verbund maßgebend

Kriechzahl und Schwindmaß

Luftfeuchte	LU	=	50	%	Zement Typ N,R
Normalbeton	f_{ck}	=	40	N/mm2	
Belastungsalter	t_0	=	28	Tage	t= unendlich
Kriechzahl	$\phi(t_0,t)$	=	2.04		
Schwindmaß	$\varepsilon_{cs}(t)$	=	-0.50	‰	

Betondeckung

Betondeckung	unten	=	3.0 cm	oben	=	3.0 cm
	links	=	3.0 cm	rechts	=	3.0 cm
Bewehrungslagen	unten	=	4.4 cm	oben	=	10.8 cm

Abminderung der Stützmomente <= 15 %

Bemessungseinstellungen

- Die Feldbewehrung ist gestaffelt.
- Die Duktilitätsbewehrung nach 9.2.1.1 ist in erf As enthalten.
- Grenze kx < .45 wird eingehalten.
- Mitwirkende Plattenbreite wird bei der Bemessung berücksichtigt.
- Verankerung am Endauflager ist nur 50% von VEd an VK Endauflager.
- Verankerung am Endauflager von VEd an VK Endauflager mal cot(Theta)/2.

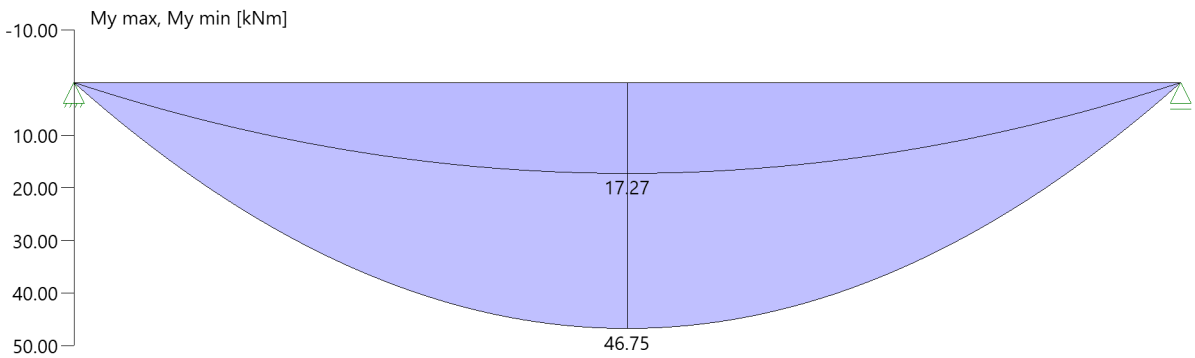
Auflagerbedingungen

Alle Auflager gleich : Mauerwerk b = 20.0 cm

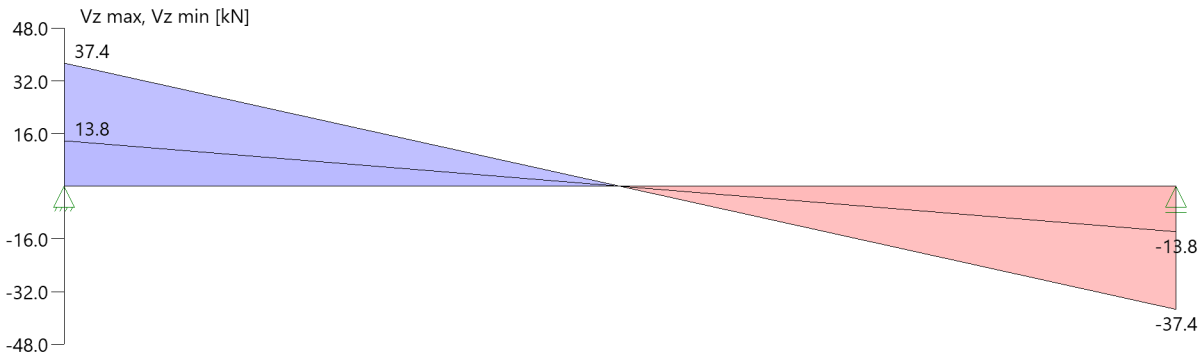
Tragsicherheit - Lastkombination ständig/vorübergehend

Schnittgrößen

Umhüllende der Momente



Umhüllende der Querkräfte



Schnittgrößen

Feld	x_{rel} [m]	x [m]	$M_{y,Ed}$ [kNm]	$V_{z,Ed}$ [kN]	Lk
Feld 1	0.00	0.00	0.00	37.4	1
	0.00	0.00	0.00	13.8	2
	2.50	2.50	46.75	0.0	1
	5.00	5.00	0.00	-13.8	2
	5.00	5.00	0.00	-37.4	1

Feldbewehrung

Feld	x_{rel} [m]	x [m]	Myd [kNm]	min Myd [kNm]	d [cm]	kx	Asu [cm²]	Aso [cm²]		Lk
Feld 1	2.50	2.50	46.75	46.75	32.6	0.27	3.7	0.0		1
	4.69	4.69	11.04	11.04	32.6	0.07	1.2	0.0	1	1

Am ersten Auflager sind mindestens 1.4 cm² zu verankern.
Am letzten Auflager sind mindestens 1.4 cm² zu verankern.
Querkraft VK-Lager ist mit F = V,Ed * cot(Theta) / 2 berücksichtigt.

1 : Mindestbewehrung nach DIN EN 1992-1 9.2.1.1 (1)

Querkraftbewehrung

Stütze [Nr]		x_{rel} [m]	x [m]	kz	VEd [kN]	θ [°]	VRd,c [kN]	VRd,max [kN]	a max [cm]	asw [cm²/m]	Lk
1	rechts	0.07	0.07	0.79	36.4	19.2	23.9	136.3	VRd,max > VEd		
	rechts	0.39	0.39	0.79	31.5	18.4	23.9	131.6	25.9	1.12[1]	1
	*	0.72	0.72	0.79	26.6	18.4	23.9	131.6	25.9	1.12[1]	1
2	links	0.07	4.93	0.79	-36.4	19.2	23.9	136.3	VRd,max > VEd		
	links	0.39	4.61	0.79	-31.5	18.4	23.9	131.6	25.9	1.12[1]	1
	*	0.72	4.28	0.79	-26.6	18.4	23.9	131.6	25.9	1.12[1]	1

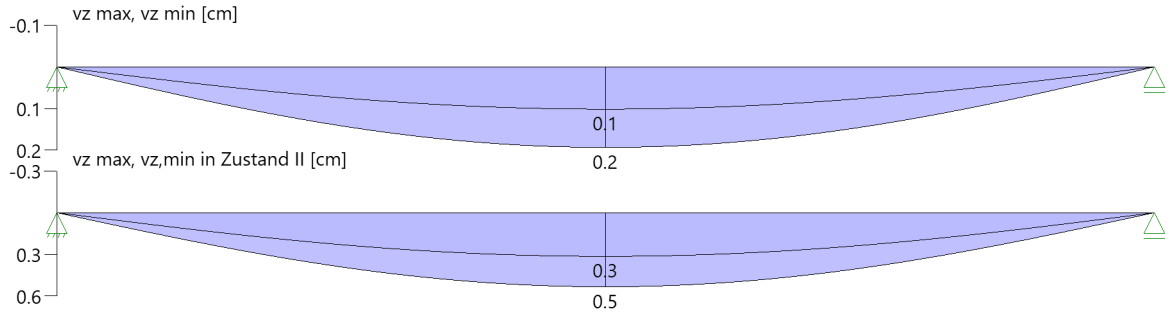
* Flächengleicher Einschnitt der Schublinie
Der max. Bügelabstand wird mit θ >= 40° ermittelt (Heft 525 DAfStb).

1 : Mindestbügelbewehrung

Gebrauchstauglichkeit

Grafik Verformungen

Umhüllende der Verformungen - Gebrauchstauglichkeit



Gebrauchstauglichkeit - Lastkombination charakteristisch

Durchbiegungen Zustand I

Baugruppe	x [m]	$f_{y,Ed}$ [cm]	$f_{z,Ed}$ [cm]	Lfk
Feld 1	2.50	0.0	0.2	3

Durchbiegungen Zustand II

Berechnung mit effektiven Steifigkeiten und effektiver Kriechzahl: ϕ_{eff} = 1.65 ε_{cs} = -0.50 ‰
Kombination charakteristisch
Mit Nachweis der relativen Grenzverformung (l_{eff} / 250)

Feld	x [m]	fEIIz,g [cm]	fEIIz,g / l_{eff}	$fEIIz,\phi\varepsilon$ [cm]	$fEIIz,\phi\varepsilon$ / l_{eff}	$fEII,\phi\varepsilon$ [cm]	η
Feld 1	2.50	0.1	1/4316	0.5	1/937	0.5	0.27

x : Stelle x
fEIIz,g : Vertikale Durchbiegung im Zustand II infolge ständiger Lasten
$fEIIz,\phi\varepsilon$: Maßgebende vertikale Durchbiegung im Zustand II mit Kriechen und Schwinden
$fEII,\phi\varepsilon$: maßgebende Durchbiegung

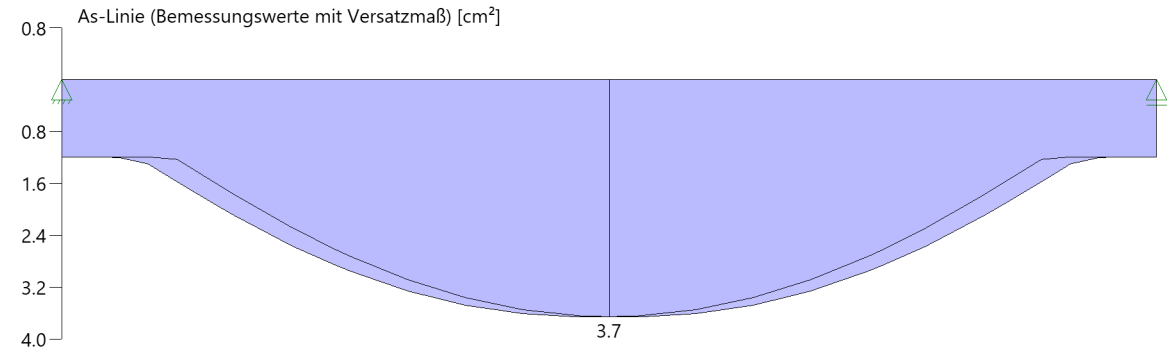
Spannungsbegrenzung

Nachweis Gebrauchstauglichkeit: quasi ständ. Kombination

Nachweis der Rissbreite: XC1/X0-- > zul wk = 0.40 mm
nach EN2 7.2(3) sC = 0.45 * fck = 18.00 N/mm²

Feld	x [m]	My [kNm]	Asu [cm²]	Aso [cm²]	σS(t=∞) [N/mm²]	σC(t=0) [N/mm²]	vorh ds [mm]	zul ds [mm]	Lfk
Feld 1	0.00	0.02	5.7	3.4	0.62	-0.04	12	100	4
	2.11	25.98	5.7	3.4	175.68	-15.40	12	29	4
	2.50	26.64	5.7	3.4	180.18	-15.80	12	28	4
	2.89	25.98	5.7	3.4	175.68	-15.40	12	29	4
	5.00	0.02	5.7	3.4	0.62	-0.04	12	100	4

As-Deckungslinien





Biegebewehrung unten

von [m]	bis [m]	Länge [m]	$A_{s,erf.,unten}$ [cm2]	$\Sigma A_{s,vorh.,unten}$ [cm2]	Summe [cm2]	$A_{s,vorh.,unten}$ [Anz. Ø mm]
0,00 0,00	5,00 5,00	5,00 5,00	3,7 3,7	5,7 0,0	5,7 5,7	5Ø12 [1]

1 : erste Lage durchlaufend

Biegebewehrung oben

von [m]	bis [m]	Länge [m]	$A_{s,erf.,oben}$ [cm2]	$\Sigma A_{s,vorh.,oben}$ [cm2]	Summe [cm2]	$A_{s,vorh.,oben}$ [Anz. Ø mm]
0,00	2,50	2,50	0,0	3,4	3,4	3Ø12 [1]
2,50	5,00	2,50	0,0	3,4	3,4	3Ø12 [1]

1 : erste Lage durchlaufend

Schubbewehrung

von [m]	bis [m]	Länge [m]	$A_{s,erf.}$ [cm2/m]	$A_{s,vorh.}$ [cm2/m]	$A_{s,vorh.}$ [Anz. Ø mm / cm]
-0,10	5,10	5,20	1,1	5,0	Ø8/20

Auflagerkräfte

Auflagerkräfte - charakteristisch je Einwirkung

Nr	x [m]	Einwirkung	$R_{z,min}$ [kN]	$R_{z,max}$ [kN]	$M_{y,min}$ [kNm]	$M_{y,max}$ [kNm]
1	0.00	ständig Kat. C: Versammlungsbereiche	13.8	13.8 12.5		
2	5.00	ständig Kat. C: Versammlungsbereiche	13.8	13.8 12.5		

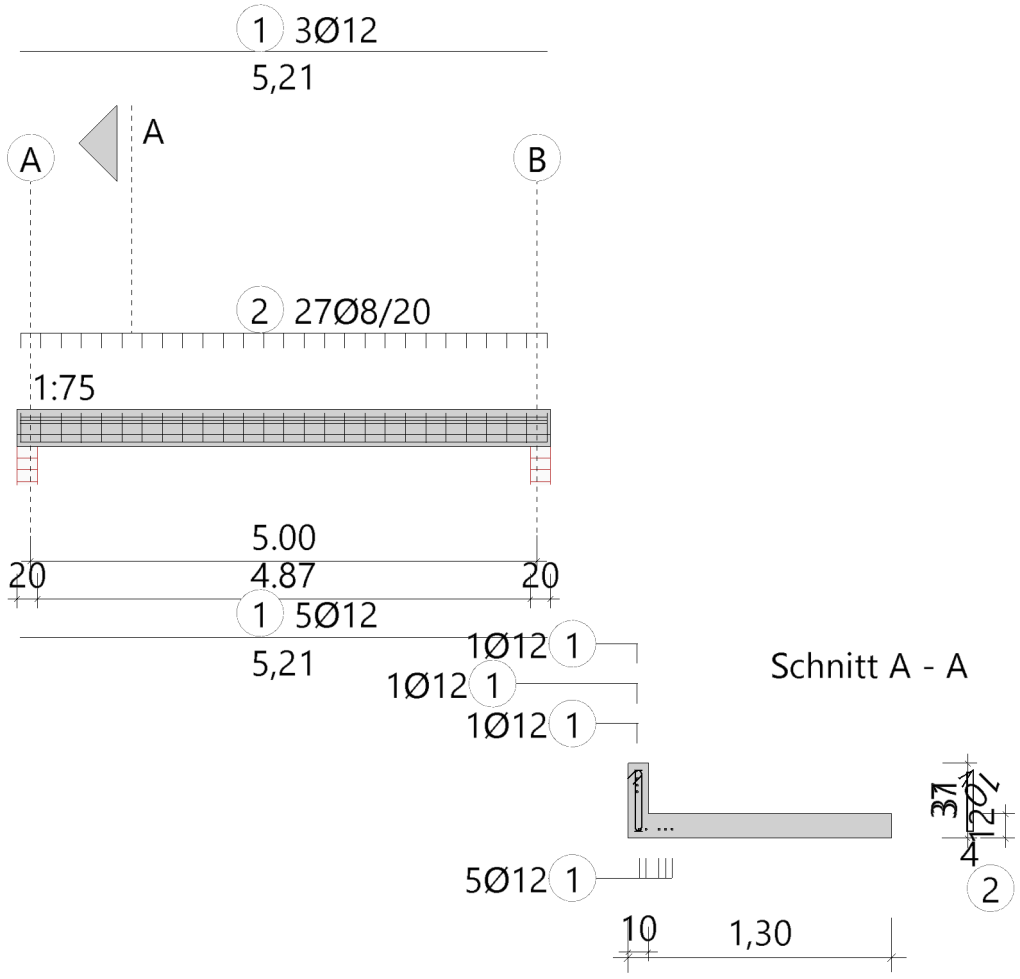
Maßgebliche Kombinationen

In der folgende Tabelle sind die Lasten mit der internen Nummer angegeben. Die anschließende Tabelle der maßgeblichen Kombinationen referenziert auf diese Nummern.

generierte Last	Feld	Ewg	orig. Last	W1	W2	A [m]	L [m]
L 1	*	ständig	1	1.00	1.00	0.00	5.00
L 2	1	Kat. C	2	5.00	5.00	0.00	5.00

gen. Last	Lk 1	Lk 2	Lk 3	Lk 4
L 1	1.35	1.00	1.00	1.00
L 2	**1.50**		**1.00**	0.60
Eigengewicht	1.35	1.00	1.00	1.00

Bewehrung



Position: KL-C1 Montažna Plošèa tribune Raster E=500cm

Durchlaufträger (x64) DLT+ 02/25 (FRILO R-2025-2/P02)

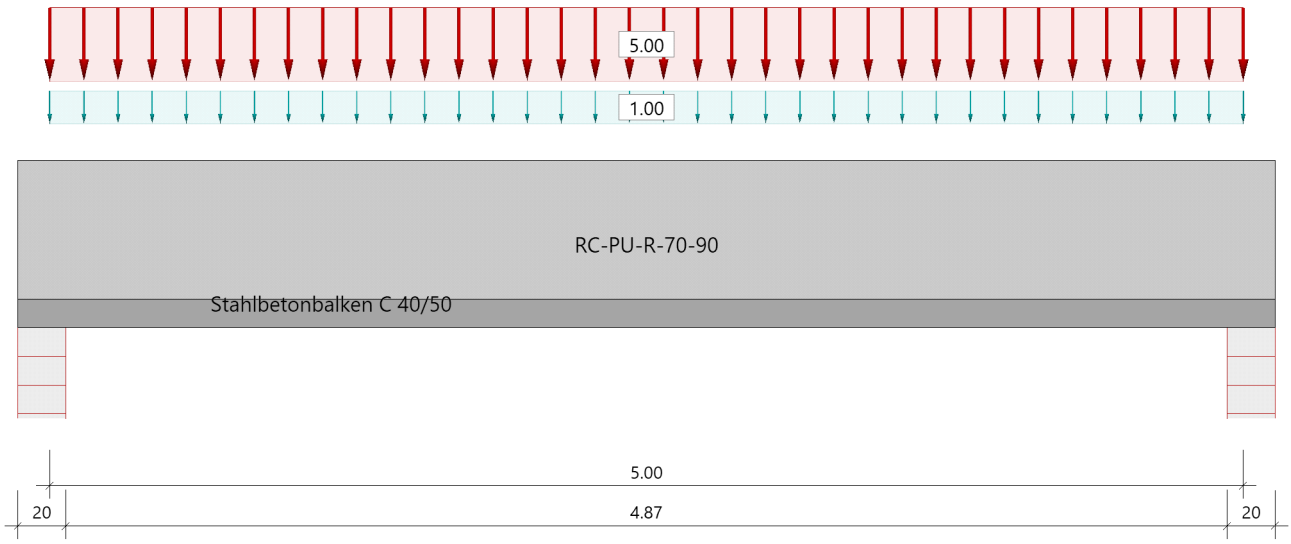
Grundparameter

Stahlbetonbalken E = 35000 N/mm²

DIN EN 1992-1-1/NA/A1:2015-12

System

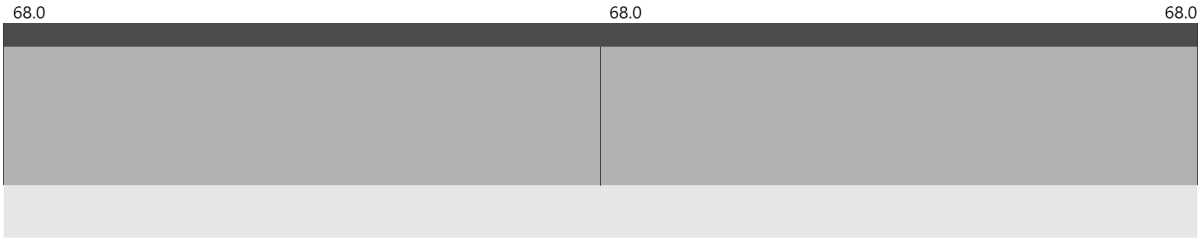
Systembild



Eff. mitwirkende Breiten



Eff. mitwirkende Breiten für Bemessung



Material

Materialauswahl

Fertigteil C 40/50	f_{ck}	=	40.00	N/mm²	E_{cm}	=	35000	N/mm²
Betonstahl B500B	f_{yk}	=	500.00	N/mm²	E_s	=	200000	N/mm²
	$k(f_t/f_y)$	=	1.08		ε_{uk}	=	50.0	‰ (Bügel und Längsbewehrung)

Geometrie

Querschnitte

Nr	Art	b_o [cm]	h_o [cm]	b [cm]	h [cm]	b_u [cm]	h_u [cm]
1	Platte unten rechts			10.0	70.0	90.0	12.0

Querschnitte mit eff.mitwirkender Breite

x [m]	bo [cm]	ho [cm]	b0 [cm]	h0 [cm]	bu [cm]	hu [cm]	min Asu [cm²]	min Aso [cm²]
0.00			10.0	70.0	68.0	12.0	1.9	1.6
5.00			10.0	70.0	68.0	12.0	1.9	1.6

Die jeweiligen Plattenbreiten (unten bzw. oben) wurden für die Berechnung der Mindestbewehrung (min Asu bzw. min Aso) auf 3*b0 begrenzt.

Auflager (Lagerbedingungen)

Nr	x [m]	uy [kN/m]	uz [kN/m]	Verdrehungen *) Φ_x [kNm/rad]	Φ_y [kNm/rad]	Φ_z [kNm/rad]
1	0.00	-1	-1	-1	0.0	0.0
2	5.00	-1	-1	0.0	0.0	0.0

*) -1 = starr, 0 = frei, > 0 = elastisch

Lasten

Streckenlasten

Bezug	Nr	Art	A [m]	L1 [m]	L2 [m]	W1 [kN/m]	W2 [kN/m]	wirkt Feldweise	EG	Zus	Alt
System	1	GL		5.00		1.00		Nein	ständig		
	2	GL		5.00		5.00		Ja	Kat. C		

Bezug : Systembezogen (Vorderkante Träger) oder Feldlast
Art : 1 - Gleichstreckenlast (GL), 4 - Trapezlast (TL), 5 - Dreiecklast (DL)
A : Abstand zur Last von Feldanfang oder Vorderkante Träger
EG : Lasteinwirkung
Zus : Zusammengehörigkeitsgruppe
Alt : Alternativgruppe

Eigengewicht

Gesamtgewicht = 2075 kg mit Gamma = 25.00 kN/m³ berücksichtigt.

Übersicht der verwendeten Einwirkungen

Einwirkungen

Bezeichnung	ψ_0	ψ_1	ψ_2	$\gamma_{F,inf}$	$\gamma_{F,sup}$
ständig				1.00	1.35
Kat. C: Versammlungsbereiche	0.70	0.70	0.60		1.50

Schadensfolgeklasse CC 2 nach EN 1990 Tab. B1 -> K_{Fi} = 1.0 Tab. B3

Ergebnisse

Bemessungsparameter

Bemessungsnorm	:	DIN EN 1992-1-1/NA/A1:2015-12
Basis	:	EN 1992-1-1:2004/A1:2014
Sicherheitskonzept/Lastkombinatorik	:	DIN EN 1990/NA:2010-12
Schadensfolgeklasse	:	CC 2
Ψ_2 = 0.5 für Schnee (AE)	:	nicht angesetzt
Kombination ständiger Lasten	:	alle gleiches γ_F ($\gamma_{G,sup}$ oder $\gamma_{G,inf}$)
Zugversteifung GZG	:	wird angesetzt
Nachweis Spannungsbegrenzung	:	wird geführt
Überprüfung des lin. Kriechansatzes	:	wird geführt

Anforderungen Dauerhaftigkeit:

Betonangriff			X0		
Bewehrungskorrosion			XC1		
Mindestbetonklasse			C 16/20		
Bügel	$d_{s,b}$	=	8	mm	
Längsbewehrung	$d_{s,l}$	=	12	mm	
Vorhaltemaß	Δc_{dev}	=	10	mm	
Bügel	$c_{min,b}$	=	10	mm	
Betondeckung	$c_{nom,b}$	=	20	mm	
Längsbewehrung	$c_{min,l}$	=	12	mm	*5
Betondeckung	$c_{nom,l}$	=	28	mm	*1
Verlegemaß Bügel	$c_{v,b}$	=	20	mm	
zul. Rissbreite	w_{max}	=	0.40	mm	

*1: mit cmin,b
*5: Verbund maßgebend

Kriechzahl und Schwindmaß

Luftfeuchte	LU	=	50	%	Zement Typ N,R
Normalbeton	f_{ck}	=	40	N/mm2	
Belastungsalter	t_0	=	28	Tage	t= unendlich
Kriechzahl	$\phi(t_0,t)$	=	2.05		
Schwindmaß	$\varepsilon_{cs}(t)$	=	-0.50	‰	

Betondeckung

Betondeckung	unten	=	3.0 cm	oben	=	3.0 cm
	links	=	3.0 cm	rechts	=	3.0 cm
Bewehrungslagen	unten	=	4.4 cm	oben	=	10.8 cm

Abminderung der Stützmomente <= 15 %

Bemessungseinstellungen

- Die Feldbewehrung ist gestaffelt.
- Die Duktilitätsbewehrung nach 9.2.1.1 ist in erf As enthalten.
- Grenze kx < .45 wird eingehalten.
- Mitwirkende Plattenbreite wird bei der Bemessung berücksichtigt.
- Verankerung am Endauflager ist nur 50% von VEd an VK Endauflager.
- Verankerung am Endauflager von VEd an VK Endauflager mal cot(Theta)/2.

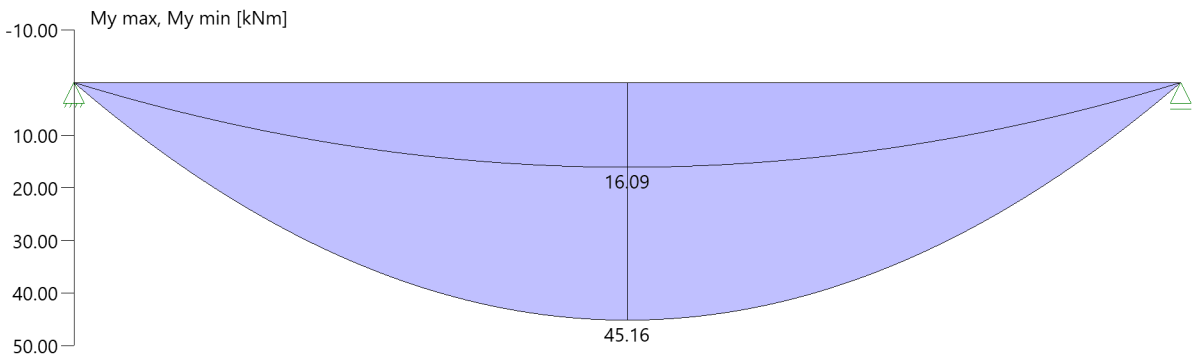
Auflagerbedingungen

Alle Auflager gleich : Mauerwerk b = 20.0 cm

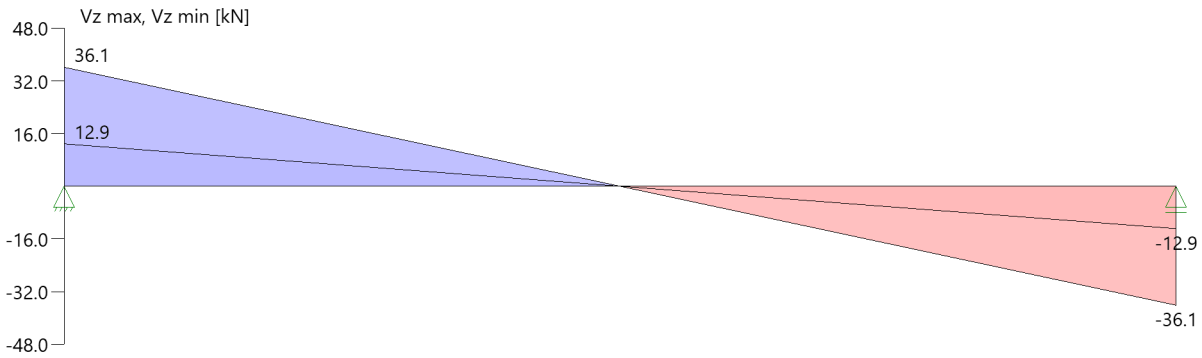
Tragsicherheit - Lastkombination ständig/vorübergehend

Schnittgrößen

Umhüllende der Momente



Umhüllende der Querkräfte



Schnittgrößen

Feld	x_{rel} [m]	x [m]	$M_{y,Ed}$ [kNm]	$V_{z,Ed}$ [kN]	Lk
Feld 1	0.00	0.00	0.00	36.1	1
	0.00	0.00	0.00	12.9	2
	2.50	2.50	45.16	0.0	1
	5.00	5.00	0.00	-12.9	2
	5.00	5.00	0.00	-36.1	1

Feldbewehrung

Feld	x_{rel} [m]	x [m]	Myd [kNm]	min Myd [kNm]	d [cm]	kx	Asu [cm²]	Aso [cm²]		Lk
Feld 1	0.07	0.07	2.49	2.49	65.6	0.01	1.9	0.0	1	1
	2.50	2.50	45.16	45.16	65.6	0.07	1.9	0.0	1	1
	4.69	4.69	10.66	10.66	65.6	0.03	1.9	0.0	1	1

Am ersten Auflager sind mindestens 1.9 cm² zu verankern.
Am letzten Auflager sind mindestens 1.9 cm² zu verankern.
Querkraft VK-Lager ist mit F = V,Ed * cot(Theta) / 2 berücksichtigt.

1 : Mindestbewehrung nach DIN EN 1992-1 9.2.1.1 (1)

Querkraftbewehrung

Stütze [Nr]		x_{rel} [m]	x [m]	kz	VEd [kN]	θ [°]	VRd,c [kN]	VRd,max [kN]	a max [cm]	asw [cm²/m]	Lk
1	rechts	0.07	0.07	0.90	35.2	18.4	33.1	299.9	VRd,max > VEd		
	rechts	0.72	0.72	0.90	25.7	18.4	33.1	299.9	30.0	1.12[1]	1
	*	1.38	1.38	0.90	16.2	18.4	33.1	299.9	30.0	1.12[1]	1
2	links	0.07	4.93	0.90	-35.2	18.4	33.1	299.9	VRd,max > VEd		
	links	0.72	4.28	0.90	-25.7	18.4	33.1	299.9	30.0	1.12[1]	1
	*	1.38	3.62	0.90	-16.2	18.4	33.1	299.9	30.0	1.12[1]	1

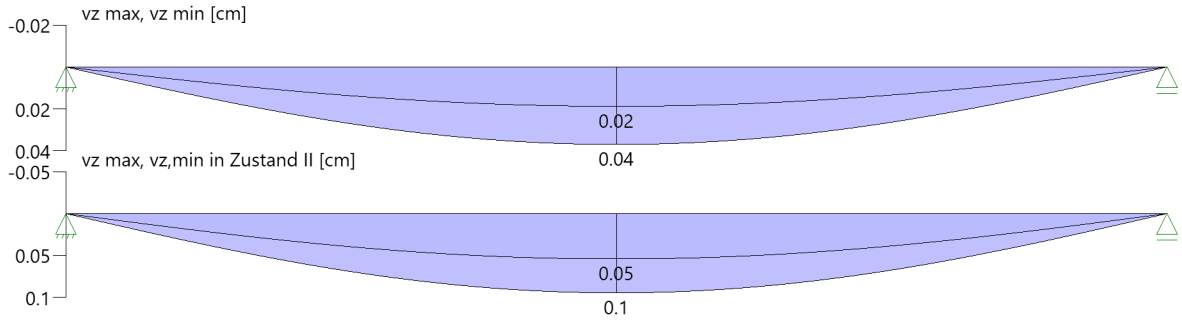
* Flächengleicher Einschnitt der Schublinie
Der max. Bügelabstand wird mit θ >= 40° ermittelt (Heft 525 DAfStb).

1 : Mindestbügelbewehrung

Gebrauchstauglichkeit

Grafik Verformungen

Umhüllende der Verformungen - Gebrauchstauglichkeit



Gebrauchstauglichkeit - Lastkombination charakteristisch

Durchbiegungen Zustand I

Baugruppe	x [m]	$f_{y,Ed}$ [cm]	$f_{z,Ed}$ [cm]	Lfk
Feld 1	2.50	0.0	0.04	3

Durchbiegungen Zustand II

Berechnung mit effektiven Steifigkeiten und effektiver Kriechzahl: ϕ_{eff} = 1.65 εcs = -0.50 ‰
Kombination charakteristisch
Mit Nachweis der relativen Grenzverformung (l_{eff} / 250)

Feld	x [m]	fEIIz,g [cm]	fEIIz,g / l_{eff}	fEIIz,$\phi\varepsilon$ [cm]	fEIIz,$\phi\varepsilon$ / l_{eff}	fEII,$\phi\varepsilon$ [cm]	η
Feld 1	2.50	0.02	1/27962	0.1	1/5865	0.1	0.04

x : Stelle x
fEIIz,g : Vertikale Durchbiegung im Zustand II infolge ständiger Lasten
fEIIz,$\phi\varepsilon$: Maßgebende vertikale Durchbiegung im Zustand II mit Kriechen und Schwinden
fEII,$\phi\varepsilon$: maßgebende Durchbiegung

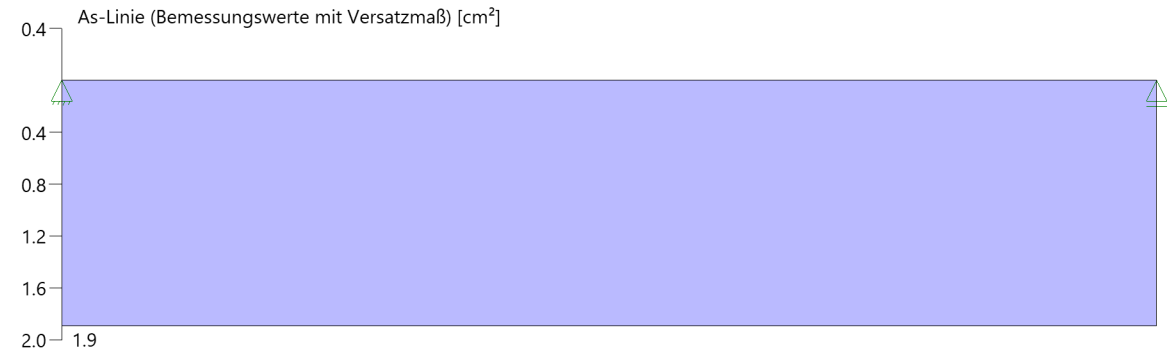
Spannungsbegrenzung

Nachweis Gebrauchstauglichkeit: quasi ständ. Kombination

Nachweis der Rissbreite: XC1/X0-- > zul wk = 0.40 mm
nach EN2 7.2(3) sC = 0.45 * fck = 18.00 N/mm²

Feld	x [m]	My [kNm]	Asu [cm²]	Aso [cm²]	σS(t=∞) [N/mm²]	σC(t=0) [N/mm²]	vorh ds [mm]	zul ds [mm]	Lfk
Feld 1	0.00	0.02	5.7	3.4	0.75	-0.06	12	100	4
	2.11	24.83	5.7	3.4	77.44	-4.53	12	100	4
	2.50	25.47	5.7	3.4	79.42	-4.64	12	100	4
	2.89	24.83	5.7	3.4	77.44	-4.53	12	100	4
	5.00	0.02	5.7	3.4	0.75	-0.06	12	100	4

As-Deckungslinien





Biegebewehrung unten

von [m]	bis [m]	Länge [m]	$A_{s,erf.,unten}$ [cm2]	$\Sigma A_{s,vorh.,unten}$ [cm2]	Summe [cm2]	$A_{s,vorh.,unten}$ [Anz. Ø mm]
0,00 0,00	5,00 5,00	5,00 5,00	1,9 1,9	5,7 0,0	5,7 5,7	5Ø12 [1]

1 : erste Lage durchlaufend

Biegebewehrung oben

von [m]	bis [m]	Länge [m]	$A_{s,erf.,oben}$ [cm2]	$\Sigma A_{s,vorh.,oben}$ [cm2]	Summe [cm2]	$A_{s,vorh.,oben}$ [Anz. Ø mm]
0,00	2,50	2,50	0,0	3,4	3,4	3Ø12 [1]
2,50	5,00	2,50	0,0	3,4	3,4	3Ø12 [1]

1 : erste Lage durchlaufend

Schubbewehrung

von [m]	bis [m]	Länge [m]	$A_{s,erf.}$ [cm2/m]	$A_{s,vorh.}$ [cm2/m]	$A_{s,vorh.}$ [Anz. Ø mm / cm]
-0,10	5,10	5,20	1,1	5,0	Ø8/20

Auflagerkräfte

Auflagerkräfte - charakteristisch je Einwirkung

Nr	x [m]	Einwirkung	$R_{z,min}$ [kN]	$R_{z,max}$ [kN]	$M_{y,min}$ [kNm]	$M_{y,max}$ [kNm]
1	0.00	ständig Kat. C: Versammlungsbereiche	12.9	12.9 12.5		
2	5.00	ständig Kat. C: Versammlungsbereiche	12.9	12.9 12.5		

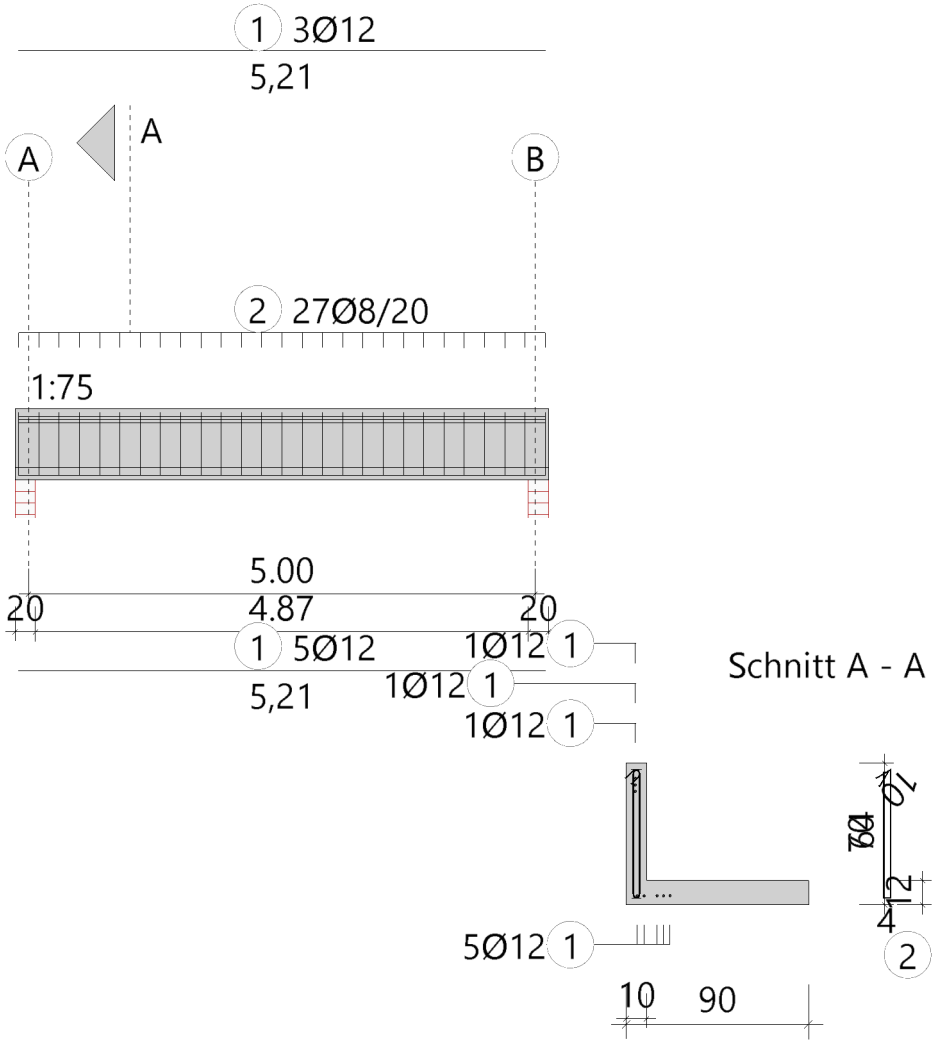
Maßgebliche Kombinationen

In der folgende Tabelle sind die Lasten mit der internen Nummer angegeben. Die anschließende Tabelle der maßgeblichen Kombinationen referenziert auf diese Nummern.

generierte Last	Feld	Ewg	orig. Last	W1	W2	A [m]	L [m]
L 1	*	ständig	1	1.00	1.00	0.00	5.00
L 2	1	Kat. C	2	5.00	5.00	0.00	5.00

gen. Last	Lk 1	Lk 2	Lk 3	Lk 4
L 1	1.35	1.00	1.00	1.00
L 2	**1.50**		**1.00**	0.60
Eigengewicht	1.35	1.00	1.00	1.00

Bewehrung



Item: KL-A1 Montažna Plošèa tribune Raster E=500cm

Durchlaufträger (x64) DLT+ 02/25 (FRILO R-2025-2/P02)

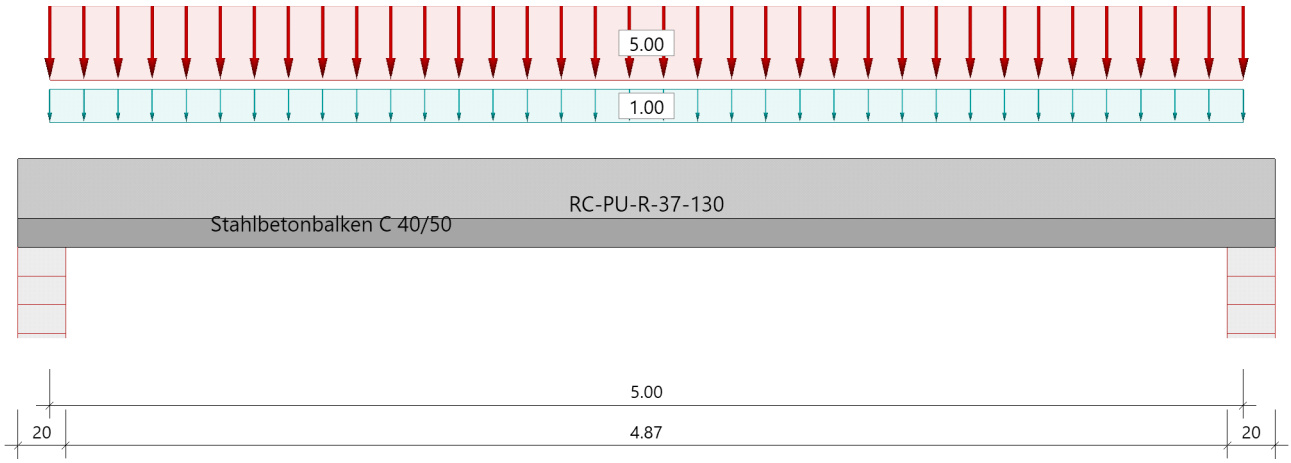
Grundparameter

Stahlbetonbalken E = 35000 N/mm²

DIN EN 1992-1-1/NA/A1:2015-12

System

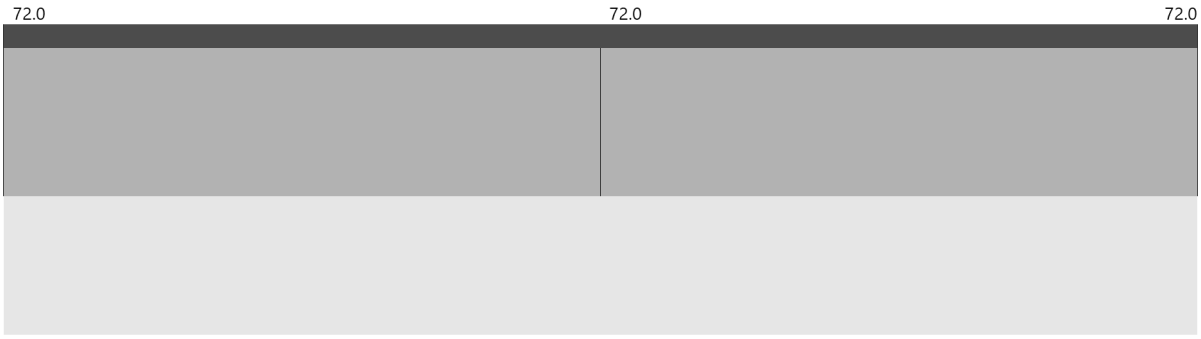
Systembild



Eff. mitwirkende Breiten



Eff. mitwirkende Breiten für Bemessung



Material

Materialauswahl

Fertigteil C 40/50	f_{ck}	=	40.00	N/mm²	E_{cm}	=	35000	N/mm²	
Betonstahl B500B	f_{yk}	=	500.00	N/mm²	E_s	=	200000	N/mm²	
	$k(f_t/f_y)$	=	1.08		ε_{uk}	=	50.0	‰	(Bügel und Längsbewehrung)

Geometrie

Querschnitte

Nr	Art	b_o [cm]	h_o [cm]	b [cm]	h [cm]	b_u [cm]	h_u [cm]
1	Platte unten rechts			10.0	37.0	130.0	12.0

Querschnitte mit eff.mitwirkender Breite

x [m]	bo [cm]	ho [cm]	b0 [cm]	h0 [cm]	bu [cm]	hu [cm]	min Asu [cm²]	min Aso [cm²]
0.00			10.0	37.0	72.0	12.0	1.2	1.0
5.00			10.0	37.0	72.0	12.0	1.2	1.0

Die jeweiligen Plattenbreiten (unten bzw. oben) wurden für die Berechnung der Mindestbewehrung (min Asu bzw. min Aso) auf 3*b0 begrenzt.

Auflager (Lagerbedingungen)

Nr	x [m]	uy [kN/m]	uz [kN/m]	Verdrehungen *) Φ_x [kNm/rad]	Φ_y [kNm/rad]	Φ_z [kNm/rad]
1	0.00	-1	-1	-1	0.0	0.0
2	5.00	-1	-1	0.0	0.0	0.0

*) -1 = starr, 0 = frei, > 0 = elastisch

Lasten

Streckenlasten

Bezug	Nr	Art	A [m]	L1 [m]	L2 [m]	W1 [kN/m]	W2 [kN/m]	wirkt Feldweise	EG	Zus	Alt
System	1	GL		5.00		1.00		Nein	ständig		
	2	GL		5.00		5.00		Ja	Kat. C		

Bezug : Systembezogen (Vorderkante Träger) oder Feldlast
Art : 1 - Gleichstreckenlast (GL), 4 - Trapezlast (TL), 5 - Dreiecklast (DL)
A : Abstand zur Last von Feldanfang oder Vorderkante Träger
EG : Lasteinwirkung
Zus : Zusammengehörigkeitsgruppe
Alt : Alternativgruppe

Eigengewicht

Gesamtgewicht = 2263 kg mit Gamma = 25.00 kN/m³ berücksichtigt.

Übersicht der verwendeten Einwirkungen

Einwirkungen

Bezeichnung	ψ_0	ψ_1	ψ_2	$\gamma_{F,inf}$	$\gamma_{F,sup}$
ständig				1.00	1.35
Kat. C: Versammlungsbereiche	0.70	0.70	0.60		1.50

Schadensfolgeklasse CC 2 nach EN 1990 Tab. B1 -> K_{Fi} = 1.0 Tab. B3

Ergebnisse

Bemessungsparameter

Bemessungsnorm	:	DIN EN 1992-1-1/NA/A1:2015-12
Basis	:	EN 1992-1-1:2004/A1:2014
Sicherheitskonzept/Lastkombinatorik	:	DIN EN 1990/NA:2010-12
Schadensfolgeklasse	:	CC 2
Ψ_2 = 0.5 für Schnee (AE)	:	nicht angesetzt
Kombination ständiger Lasten	:	alle gleiches γ_F ($\gamma_{G,sup}$ oder $\gamma_{G,inf}$)
Zugversteifung GZG	:	wird angesetzt
Nachweis Spannungsbegrenzung	:	wird geführt
Überprüfung des lin. Kriechansatzes	:	wird geführt

Anforderungen Dauerhaftigkeit:

Betonangriff			X0		
Bewehrungskorrosion			XC1		
Mindestbetonklasse			C 16/20		
Bügel	$d_{s,b}$	=	8	mm	
Längsbewehrung	$d_{s,l}$	=	12	mm	
Vorhaltemaß	Δc_{dev}	=	10	mm	
Bügel	$c_{min,b}$	=	10	mm	
Betondeckung	$c_{nom,b}$	=	20	mm	
Längsbewehrung	$c_{min,l}$	=	12	mm	*5
Betondeckung	$c_{nom,l}$	=	28	mm	*1
Verlegemaß Bügel	$c_{v,b}$	=	20	mm	
zul. Rissbreite	w_{max}	=	0.40	mm	

*1: mit cmin,b
*5: Verbund maßgebend

Kriechzahl und Schwindmaß

Luftfeuchte	LU	=	50	%	Zement Typ N,R
Normalbeton	f_{ck}	=	40	N/mm2	
Belastungsalter	t_0	=	28	Tage	t= unendlich
Kriechzahl	$\phi(t_0,t)$	=	2.04		
Schwindmaß	$\varepsilon_{cs}(t)$	=	-0.50	‰	

Betondeckung

Betondeckung	unten	=	3.0 cm	oben	=	3.0 cm
	links	=	3.0 cm	rechts	=	3.0 cm
Bewehrungslagen	unten	=	4.4 cm	oben	=	10.8 cm

Abminderung der Stützmomente <= 15 %

Bemessungseinstellungen

- Die Feldbewehrung ist gestaffelt.
- Die Duktilitätsbewehrung nach 9.2.1.1 ist in erf As enthalten.
- Grenze kx < .45 wird eingehalten.
- Mitwirkende Plattenbreite wird bei der Bemessung berücksichtigt.
- Verankerung am Endauflager ist nur 50% von VEd an VK Endauflager.
- Verankerung am Endauflager von VEd an VK Endauflager mal cot(Theta)/2.

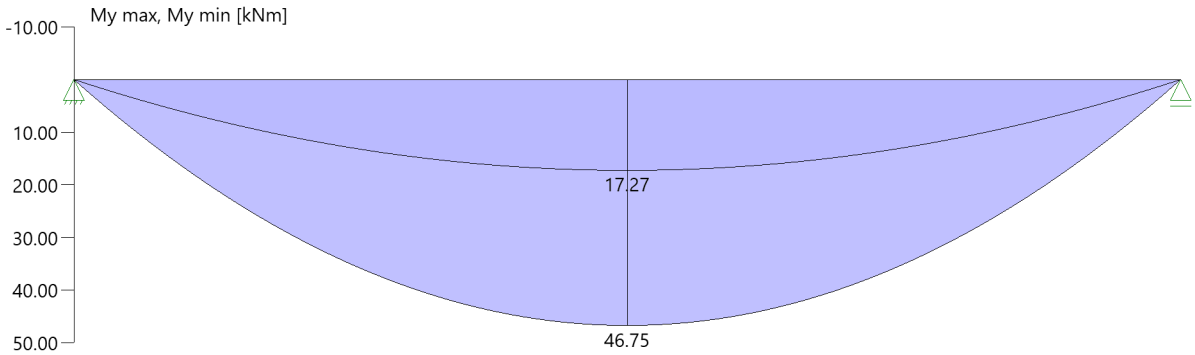
Auflagerbedingungen

Alle Auflager gleich : Mauerwerk b = 20.0 cm

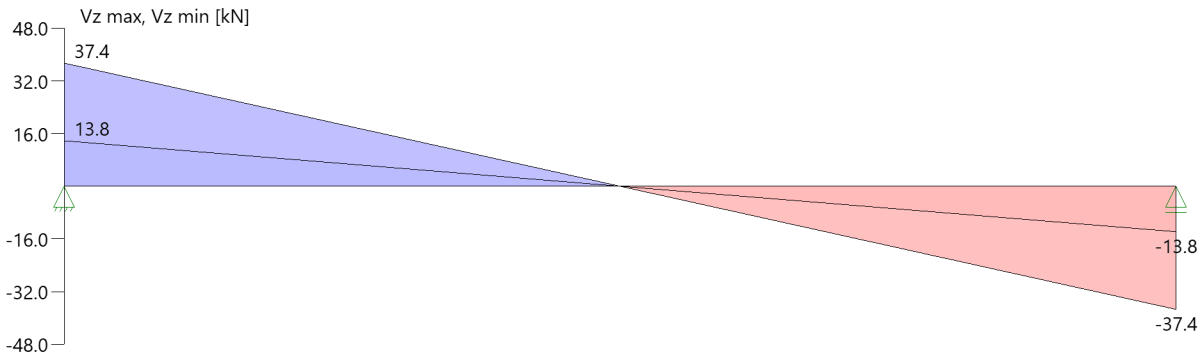
Tragsicherheit - Lastkombination ständig/vorübergehend

Schnittgrößen

Umhüllende der Momente



Umhüllende der Querkräfte



Schnittgrößen

Feld	x_{rel} [m]	x [m]	$M_{y,Ed}$ [kNm]	$V_{z,Ed}$ [kN]	Lk
Feld 1	0.00	0.00	0.00	37.4	1
	0.00	0.00	0.00	13.8	2
	2.50	2.50	46.75	0.0	1
	5.00	5.00	0.00	-13.8	2
	5.00	5.00	0.00	-37.4	1

Feldbewehrung

Feld	x_{rel} [m]	x [m]	Myd [kNm]	min Myd [kNm]	d [cm]	kx	Asu [cm²]	Aso [cm²]		Lk
Feld 1	2.50	2.50	46.75	46.75	32.6	0.27	3.7	0.0		1
	4.69	4.69	11.04	11.04	32.6	0.07	1.2	0.0	1	1

Am ersten Auflager sind mindestens 1.4 cm² zu verankern.
Am letzten Auflager sind mindestens 1.4 cm² zu verankern.
Querkraft VK-Lager ist mit F = V,Ed * cot(Theta) / 2 berücksichtigt.

1 : Mindestbewehrung nach DIN EN 1992-1 9.2.1.1 (1)

Querkraftbewehrung

Stütze [Nr]		x_{rel} [m]	x [m]	kz	VEd [kN]	θ [°]	VRd,c [kN]	VRd,max [kN]	a max [cm]	asw [cm²/m]	Lk
1	rechts	0.07	0.07	0.79	36.4	19.2	23.9	136.3	VRd,max > VEd		
	rechts	0.39	0.39	0.79	31.5	18.4	23.9	131.6	25.9	1.12[1]	1
	*	0.72	0.72	0.79	26.6	18.4	23.9	131.6	25.9	1.12[1]	1
2	links	0.07	4.93	0.79	-36.4	19.2	23.9	136.3	VRd,max > VEd		
	links	0.39	4.61	0.79	-31.5	18.4	23.9	131.6	25.9	1.12[1]	1
	*	0.72	4.28	0.79	-26.6	18.4	23.9	131.6	25.9	1.12[1]	1

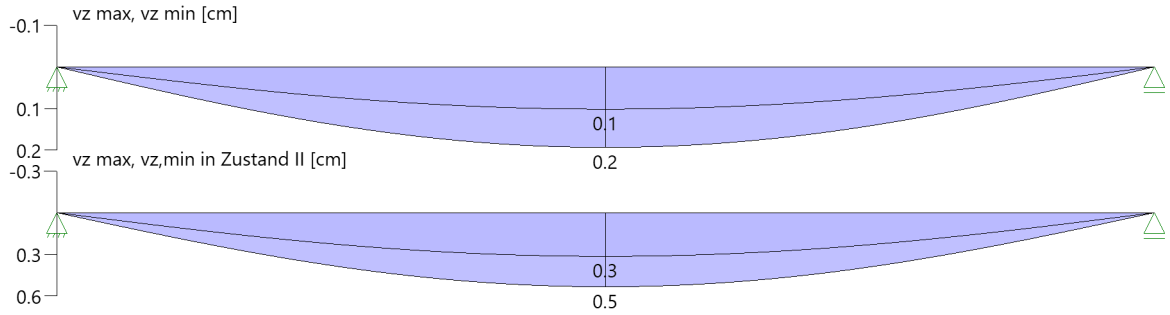
* Flächengleicher Einschnitt der Schublinie
Der max. Bügelabstand wird mit θ >= 40° ermittelt (Heft 525 DAfStb).

1 : Mindestbügelbewehrung

Gebrauchstauglichkeit

Grafik Verformungen

Umhüllende der Verformungen - Gebrauchstauglichkeit



Gebrauchstauglichkeit - Lastkombination charakteristisch

Durchbiegungen Zustand I

Baugruppe	x [m]	$f_{y,Ed}$ [cm]	$f_{z,Ed}$ [cm]	Lfk
Feld 1	2.50	0.0	0.2	3

Durchbiegungen Zustand II

Berechnung mit effektiven Steifigkeiten und effektiver Kriechzahl: ϕ_{eff} = 1.65 ε_{cs} = -0.50 ‰
Kombination charakteristisch
Mit Nachweis der relativen Grenzverformung (l_{eff} / 250)

Feld	x [m]	fEIIz,g [cm]	fEIIz,g / l_{eff}	fEIIz,$\phi\varepsilon$ [cm]	fEIIz,$\phi\varepsilon$ / l_{eff}	fEII,$\phi\varepsilon$ [cm]	η
Feld 1	2.50	0.1	1/4316	0.5	1/937	0.5	0.27

x : Stelle x
fEIIz,g : Vertikale Durchbiegung im Zustand II infolge ständiger Lasten
fEIIz,$\phi\varepsilon$: Maßgebende vertikale Durchbiegung im Zustand II mit Kriechen und Schwinden
fEII,$\phi\varepsilon$: maßgebende Durchbiegung

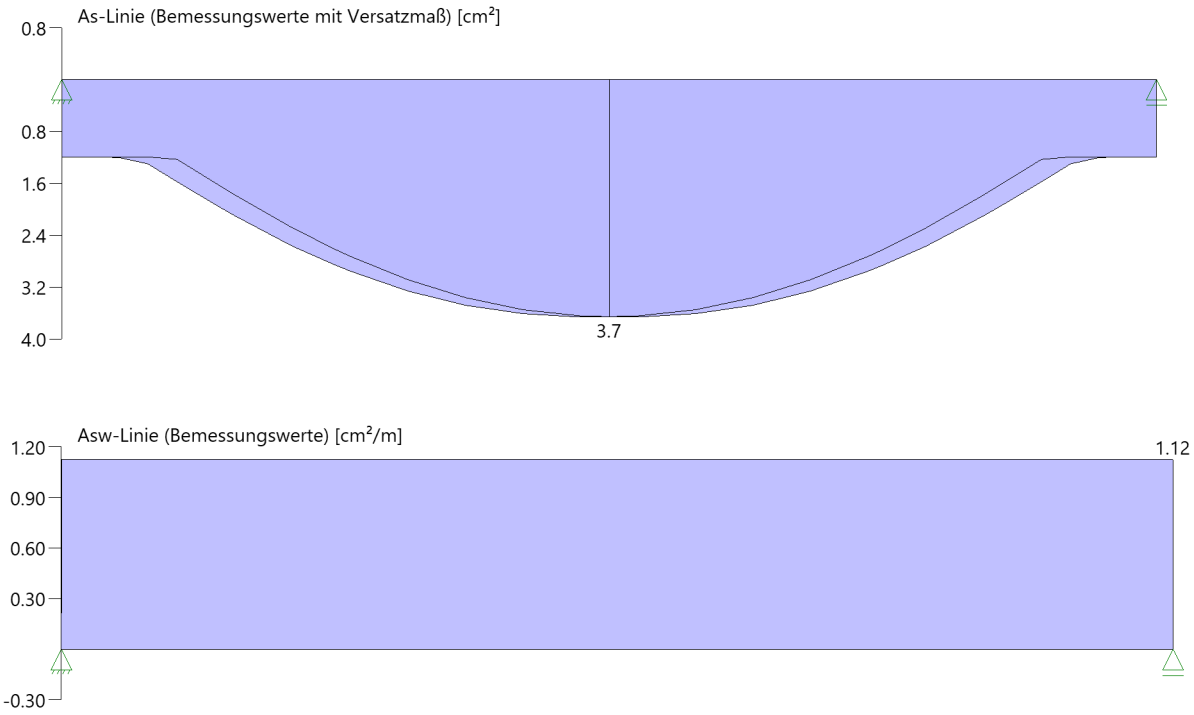
Spannungsbegrenzung

Nachweis Gebrauchstauglichkeit: quasi ständ. Kombination

Nachweis der Rissbreite: XC1/X0-- > zul wk = 0.40 mm
nach EN2 7.2(3) sC = 0.45 * fck = 18.00 N/mm²

Feld	x [m]	My [kNm]	Asu [cm²]	Aso [cm²]	σS(t=∞) [N/mm²]	σC(t=0) [N/mm²]	vorh ds [mm]	zul ds [mm]	Lfk
Feld 1	0.00	0.02	5.7	3.4	0.62	-0.04	12	100	4
	2.11	25.98	5.7	3.4	175.68	-15.40	12	29	4
	2.50	26.64	5.7	3.4	180.18	-15.80	12	28	4
	2.89	25.98	5.7	3.4	175.68	-15.40	12	29	4
	5.00	0.02	5.7	3.4	0.62	-0.04	12	100	4

As-Deckungslinien



Biegebewehrung unten

von [m]	bis [m]	Länge [m]	$A_{s,erf.,unten}$ [cm2]	$\Sigma A_{s,vorh.,unten}$ [cm2]	Summe [cm2]	$A_{s,vorh.,unten}$ [Anz. Ø mm]
0,00	5,00	5,00	3,7	5,7	5,7	5Ø12 [1]
0,00	5,00	5,00	3,7	0,0	5,7	

1 : erste Lage durchlaufend

Biegebewehrung oben

von [m]	bis [m]	Länge [m]	$A_{s,erf.,oben}$ [cm2]	$\Sigma A_{s,vorh.,oben}$ [cm2]	Summe [cm2]	$A_{s,vorh.,oben}$ [Anz. Ø mm]
0,00	2,50	2,50	0,0	3,4	3,4	3Ø12 [1]
2,50	5,00	2,50	0,0	3,4	3,4	3Ø12 [1]

1 : erste Lage durchlaufend

Schubbewehrung

von [m]	bis [m]	Länge [m]	$A_{s,erf.}$ [cm2/m]	$A_{s,vorh.}$ [cm2/m]	$A_{s,vorh.}$ [Anz. Ø mm / cm]
-0,10	5,10	5,20	1,1	5,0	Ø8/20

Auflagerkräfte

Auflagerkräfte - charakteristisch je Einwirkung

Nr	x [m]	Einwirkung	$R_{z,min}$ [kN]	$R_{z,max}$ [kN]	$M_{y,min}$ [kNm]	$M_{y,max}$ [kNm]
1	0.00	ständig	13.8	13.8		
		Kat. C: Versammlungsbereiche		12.5		
2	5.00	ständig	13.8	13.8		
		Kat. C: Versammlungsbereiche		12.5		

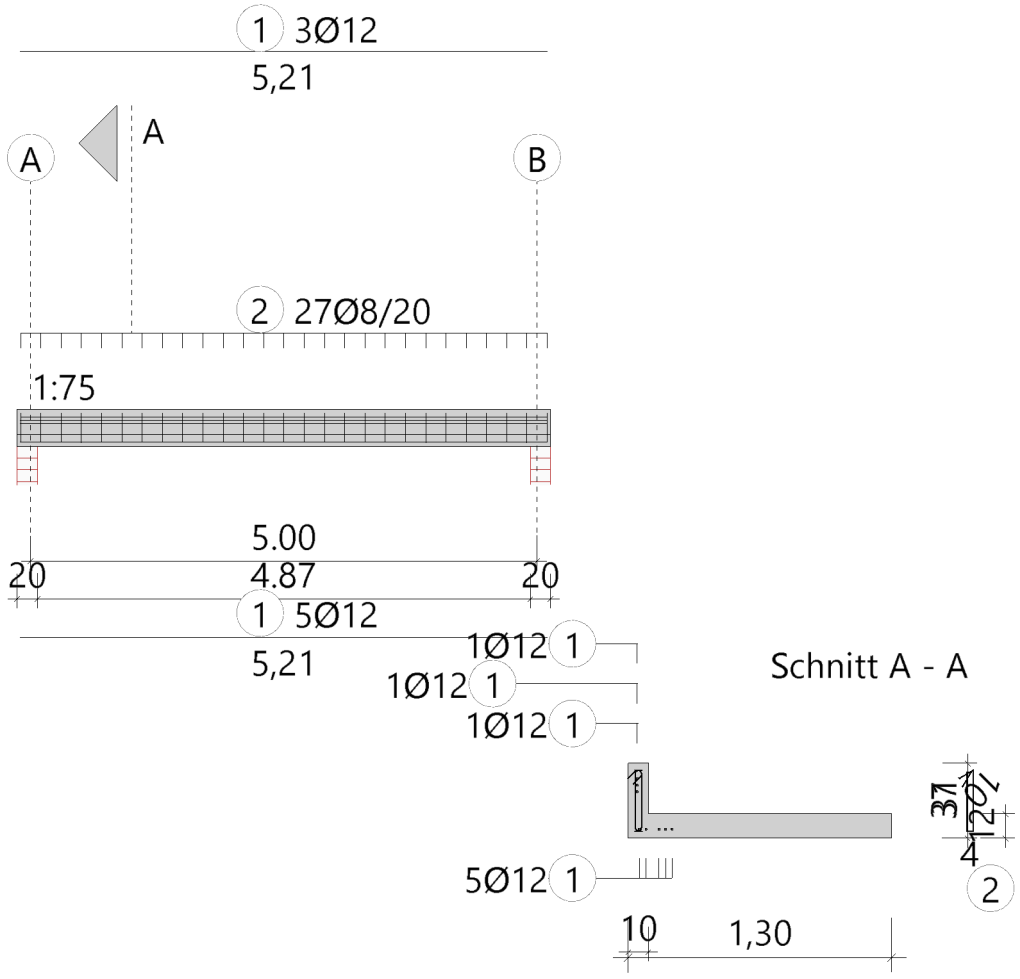
Maßgebliche Kombinationen

In der folgende Tabelle sind die Lasten mit der internen Nummer angegeben. Die anschließende Tabelle der maßgeblichen Kombinationen referenziert auf diese Nummern.

generierte Last	Feld	Ewg	orig. Last	W1	W2	A [m]	L [m]
L 1	*	ständig	1	1.00	1.00	0.00	5.00
L 2	1	Kat. C	2	5.00	5.00	0.00	5.00

gen. Last	Lk 1	Lk 2	Lk 3	Lk 4
L 1	1.35	1.00	1.00	1.00
L 2	**1.50**		**1.00**	0.60
Eigengewicht	1.35	1.00	1.00	1.00

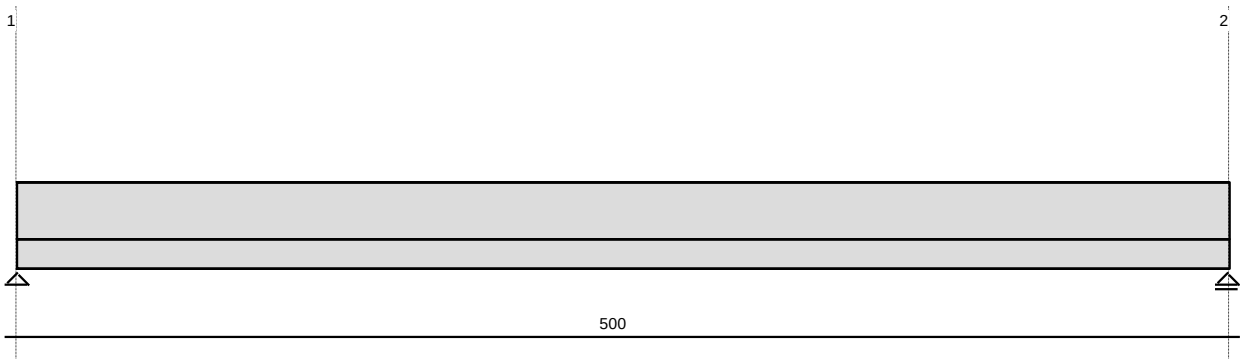
Bewehrung

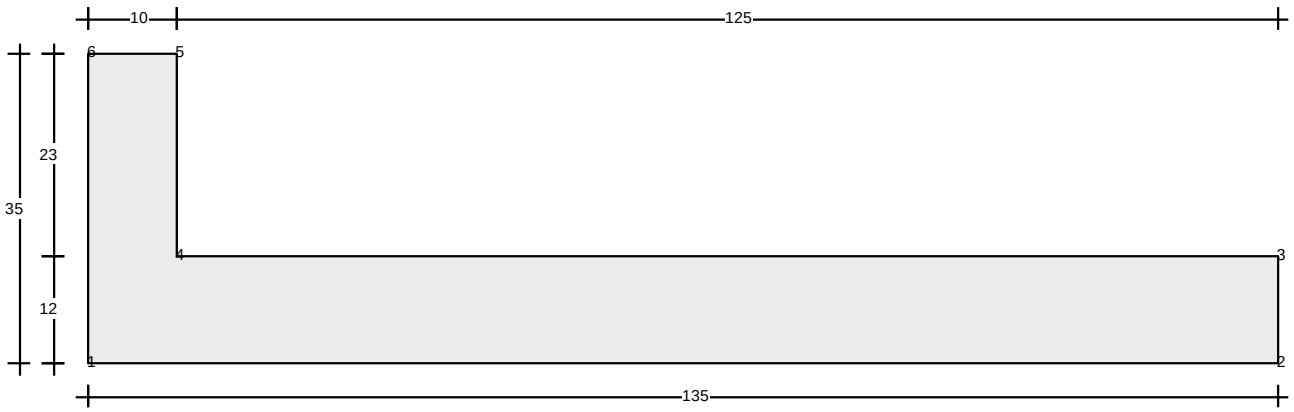


1.0 AB klopi tribune poz: KL-1, RE 60

1.1 Zasnova

Dolžina klopi in prečni prerez klopi so razvidne iz pozicijskih načrtov tlorisa klopi in karakterističnih prerezov skozi klopi. Montažne AB klopi so položene preko montažnih žagastih nosilcev podprte z dvema stebroma. Povezava med klopmi in žagastem nosilcem je preko dveh trnov na vsaki strani klopi. Trni iz klopi so potopljeni oz. sidrani v cementno malto CM 1:1 v žagastem nosilcu. Zaradi odtekanje morebitne vode so žagasti nosilci zmontirani v nagibu 1% in s tem so tudi klopi v nagibu.





Osnovni podatki elementa KL-1; L=500cm:

Geometrija elementa	Razmak med nosilci
L = 500 cm Prečni prerez 135/12 + 10/23	e_{max} = 550 cm

2. 0 Obtežba na element Šmax= 125 cm

2.1 Stalna obtežba (lastno težo upošteva program)

- Stalno obtežba – sedišča + instalacije = 1,00 kN/m2

Obremenitev na ploščo Šmax= 125 cm: G= 1,00 x 1,25 = 1,25 kN/m

2.2 Koristna obtežba

- Koristna obtežba na klop ktg C5 = 5,0 kN/m2

Obremenitev na ploščo Šmax= 125 cm: Q= 5,0 x 1,25 = 6,25 kN/m

Lastna teža elementa zajeta v računalniškem programu za izračun elementa!

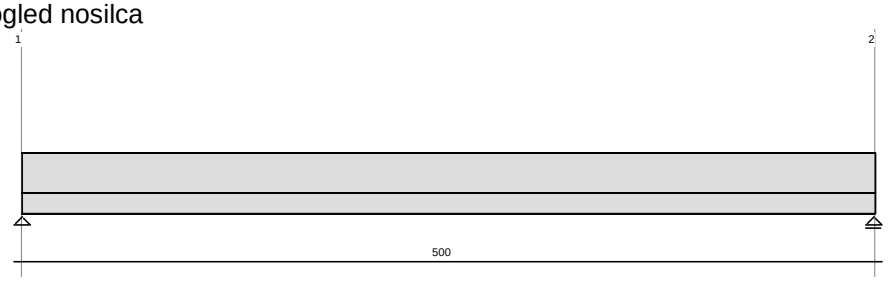
ANALIZA AB NOSILCA - Tibune Fazanerija Murska Sobota - KL - 1

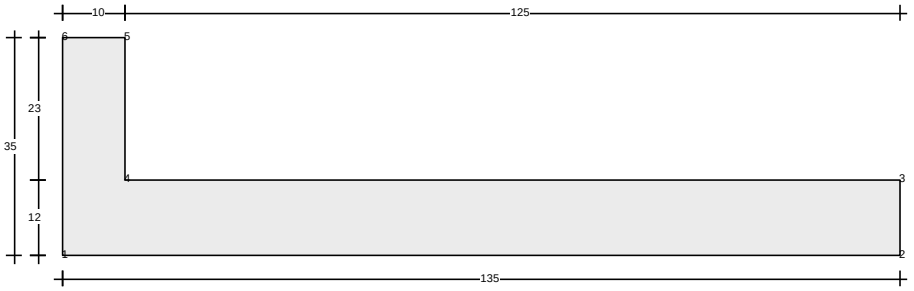
1. MATERIALI in GEOMETRIJA:

1.1 BETON: C30/37

Karakteristična tlačna trdnost : fck = 30 MPa
Povprečna natezna trdnost : fctm= 2.9 MPa
Elastični modul : Ecm = 33500 MPa

Pogled nosilca





Prerezi nosilca

Celotna dolžina nosilca L= 5 m, previs levo: 0 m, desno: 0 m
Volumen nosilca V= 0.925 m3, teža G= V · 25 kN/m3= 23.13 kN

1.2 Karakteristike prereza

ae = Es / Ec = 200000 / 33500 = 5.97

		A [m2]	I [m4]	z [m]
1/1	beton Ac	0.185	0.0009	0.082

2. OBTEŽBE (kN, kN/m, kNm, cm)

Stalna obtežba - G
- g1 : Q=4.63 kN/m'
- : Q=1.25 kN/m'

Koristna obtežba - Q
- : Q=6.25 kN/m'

2.1 Koeficienti varnosti:

a) Mejno stanje nosilnosti (neugodno / ugodno)
- stalna obtežba: gG = 1.35 / 1
- dominatna koristna : gQ = 1.5 / 0

- prednapenjanje : gP = 1 / 1

- za beton : gc = 1.5
- za jeklo : gs = 1.15

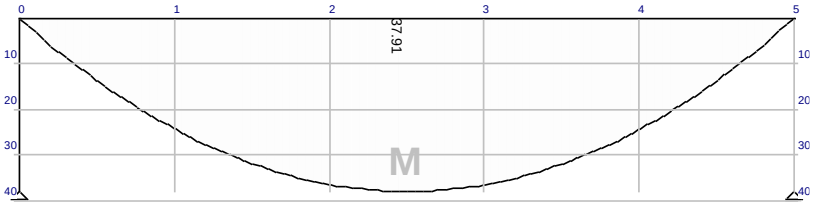
b) Mejno stanje uporabnosti - redko y0, pogosto y1, navidezno stalno y2

	y0	y1	y2
Koristna obtežba - Qi			
- Koristna C5	: 0.7	: 0.2	: 0

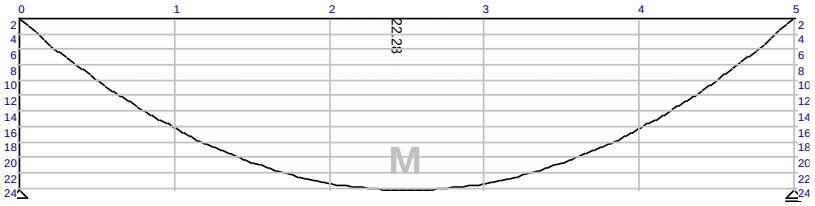
3. NOTRANJE STATIČNE KOLIČINE

3.1 Mejno stanje uporabnosti

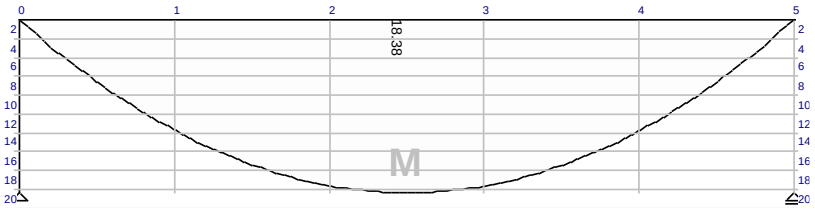
Redka kombinacija - |Mmax|=37.91 kNm, L=250 cm
Dominantna koristna obtežba: Koristna C5



Pogosta kombinacija - |Mmax|=22.28 kNm, L=250 cm
Dominantna koristna obtežba: Koristna C5

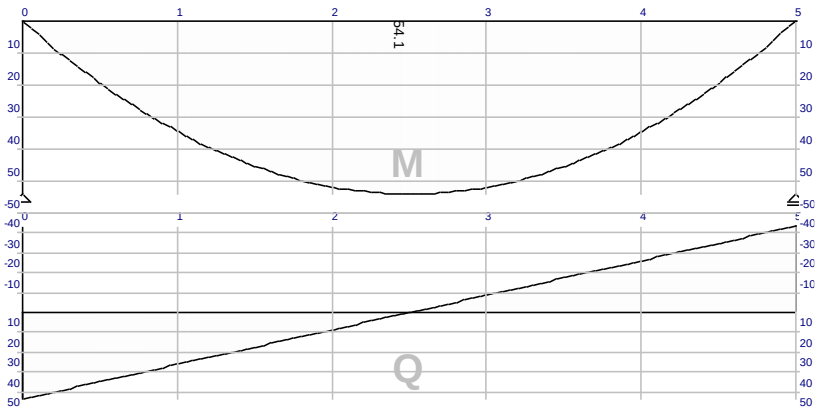


Navidezno stalna - |Mmax|=18.38 kNm, L=250 cm
Dominantna koristna obtežba: Koristna C5



3.2 Mejno stanje nosilnosti - reducirane Q

|Mmax|=54.1 kNm, L=250 cm, |Qmax|=43.28 kN, L=500 cm
Dominantna koristna obtežba: Koristna C5

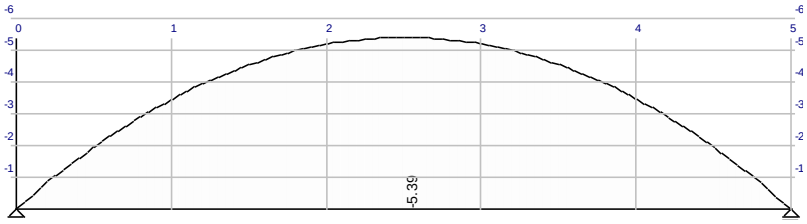


4. KONTROLA ZA MEJNO STANJE UPORABNOSTI

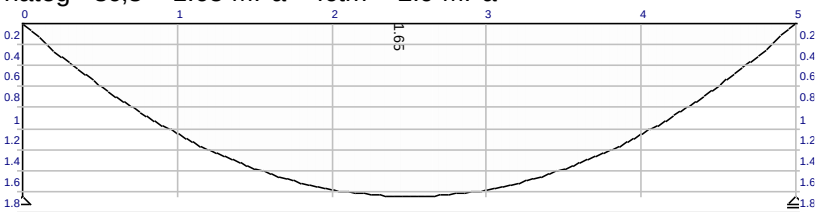
4.1 Navidezno stalni vplivi - napetosti v betonu

sc= Pm,t / Aci - (MSd,st + Mpt) · z / Ici

Napetosti na zgornjem robu - L=250 cm
tlak - sc,z = 5.4 MPa < 0.45·fck = 0.45·30= 13.5 MPa



Napetosti na spodnjem robu - L=250 cm
nateg - sc,s = 1.65 MPa < fctm = 2.9 MPa



5. RAZPOKE

5.1 Minimalna površina armature - EC2 pogoj 7.3.2(4)

Potrebna minimalna armatura - EC2 7.3.2

min As = kc·k·fct,eff·Act/ss

kc	= 0.4·(1-0/k1)=0.4 (k1=1.5, hcr=8.2 cm)
k	= 0.965
fct,eff	= 2.9 MPa (fctm)
Act	= zu·bw = 0.11 m2 (natezna površina)
ss	= 320 MPa (za f 12, wk=0.4mm)

min As = 0.4·0.965·2.9·0.11/320 ·1E4 = **3.85 cm**2

5.2 Kontrola razpok brez direktnega preračuna - EC2 7.3.3

Korigiran max.premer armature: fs = f*s fct,eff/2.9 kchcr/2d1

Pogosta kombinacija - napetosti v jeklu

ss = 1 / (Ap+As) · (Ms/z - r·Pm,t)

Jeklo - zgornji del prereza za lastno težo in t=0
Ms = -MSd,pog + rsup·Mp + rsup·Pp·(d-zu)
z = 0.9 · d, d = h - d1, d1 - težišče Ap + As od zgornjega roba, rsup=1,1

V zgornjem delu prereza ni armature!

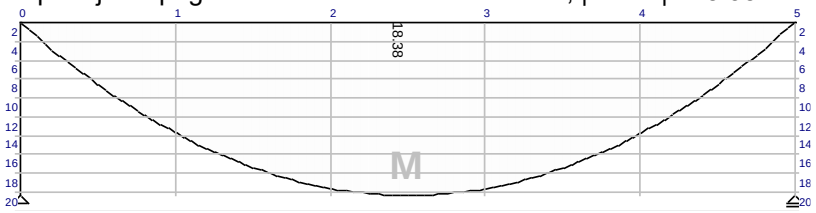
Jeklo - spodnji rob prereza za t=oo
Ms = MSd,pog - rinf·Mp + rinf·Pp·(zu-d1)
z = 0.9 · d, d = h - d1, d1 - težišče Ap + As od spodnjega roba, rinf=0,9

V spodnjem delu prereza ni armature!

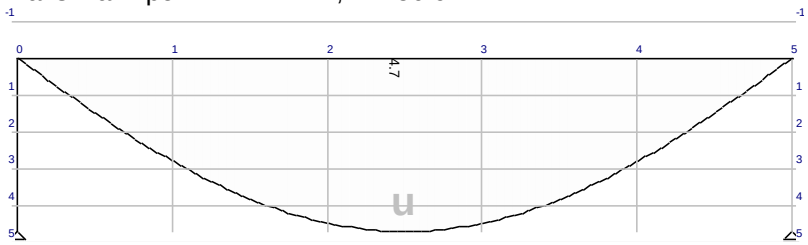
6. KONTROLA UPOGIBA

Nosilec se obravnava kot nerazpokan, upošteva se navidezno stalna obtežba.
Izračun s pomočjo elastičnih uteži, Ic = Ici, Ec,eff = Ecm/(1+foo) = 33500/(1+2) = 11166.67 MPa

Pripadajoči upogibni momenti za elastične uteži, |Mmax| =18.38 kNm



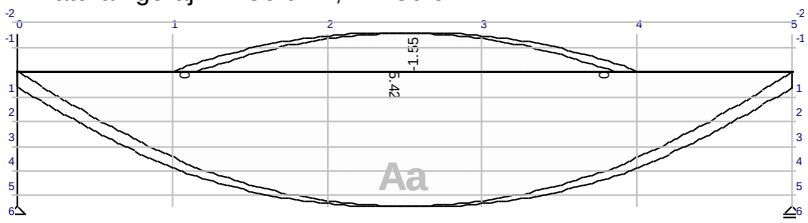
Maksimalni pomik = 4.7 mm, L=250 cm



7. KONTROLA ZA MEJNO STANJE NOSILNOSTI

Beton: C30/37 fck = 30 MPa
fcd = fck·a/gc = 30·1/1.5 = 20 MPa
Armatura: S400/500 fyk = 400 MPa
fyd = Min(fyk,Es·es)/gs = Min(400,200·10)/1.15 = 347.83 MPa
Zaščitni sloj betona do težišča armature: spodaj 3 cm, zgoraj 3 cm

Armatura zgoraj = 1.56 cm2, L=250 cm



Armatura spodaj = 5.42 cm2, L=255 cm

8. KONTROLA STRIGA - EC2(6.2)

8.1 Dimenzioniranje vertikalne strižne armature

VRd,c ≥ VEd - ni potrebna

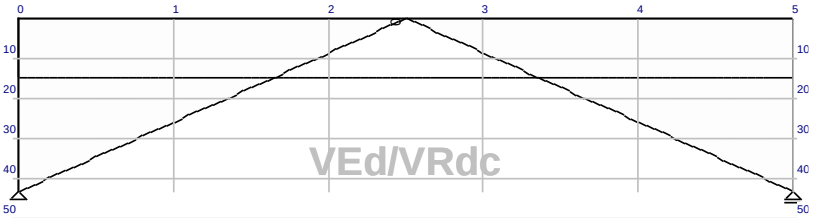
VRd=min(VRd,s,VRd,max) ≥ VEd

VRd,c - strižna nosilnost bet.prereza brez strižne armature
VRd,s - strižna nosilnost strižne armature
VRd,max - nosilnost tlačnih diagonal-45°

VRd,c = (Vmin + k1·scp]·bw·d
fck = 30 MPa - C30/37

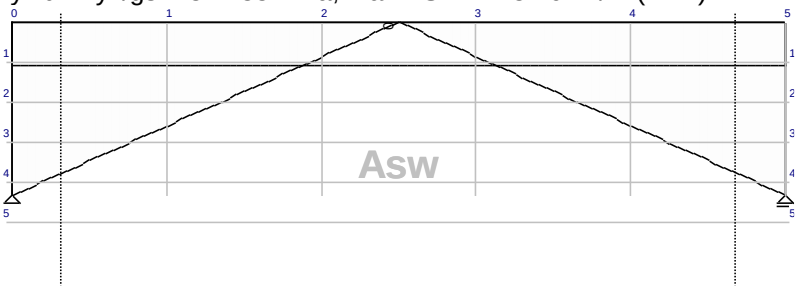
k = 1+(200/d)1/2≤ 2.0
Vmin = 0.035·k3/2·fck1/2
scp = NEd / Ac < 0.2 fcd
NEd = rinf·gp·spm,t·Ap

Maksimalna VRd,c = 14.7 kN, L=0 cm



Maksimalna VEd = 43.28 kN, L=500 cm

Asw = VEd/(bw·0.9·d·fywd·cotq) /m
fywd = fyk/gs = 347.83 MPa, max ASw = 4.32 cm2/m (m=1)

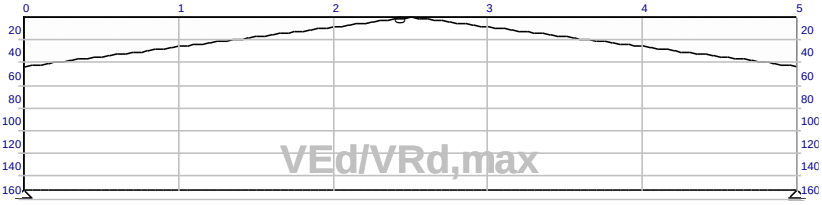


Minimalna ASw = 1.1 cm2/m, pri ----- ASwL= 3.75, ASwD= 3.75

8.2 Kontrola tlačnih diagonal v betonu - maksimalna nosilnost

VRd,max = acw·bw·0.9·d·n1·fcd/(cotq+tanq)
n = 0.6 · (1-fck/250)
= 0.6 · (1 - 30 / 250) = 0.528
acw = 1, q = 45°

Maksimalna VRd,max = 152.06 kN, L=500 cm



Maksimalni razmak med stremeni smax = 24 cm, EC2 9.2.2 (6)

9. SIDRANJE ARMATURE

9.1 Mejne napetosti za dobro oprijemljivost:

A - za glatke palice: fdb = fck1/2·0.36/gc = 1.31 MPa

B - palice visoke oprijemljivosti: fdb = fctk0.05·2.25/gc = 3.04 MPa

Mejne napetosti za slabo oprijemljivost - zgornje vrednosti se pomnožijo z **0.7**

9.2 Osnovne dolžine sidranja: lb = f/4·fyd/fbd

	A	B
dobro: lb = f·	66.38	28.6

slabo: lb = f· 94.83 40.86

9.3 Potrebne dolžine sidranja: lb,net = aa·lb·(As,req/As,prov) ≥ lb,min

As.req - potrebna armatura, As.prov - dejanska armatura
lb,min natezna = 0.3·lb ≥ (10f ali :100mm), lb,min tlačna = 0.6·lb ≥ (10f ali 100mm)
aa = 1 - za ravne palice, aa = 0.7 - za ukrivljene palice

1.0 Žagasti AB nosilec klopi tribun ZN-1,2,3 os Gb-1 - Gb-17 (vmesni nosilec E= 500 cm), RE 90

1.1 Zasnova
Žagasti AB nosilec klopi tribun je podprt z dvema stebroma in sicer eden na v osi drugi z zamikom 3.25m . Ostali so od osi do osi. Nosilec prenaša stalno in koristno obtežbo klopi na AB stebre. Pod ležiščem se položi NEOPREM po detajlu.

Osnovni podatki elementa:

Geometrija elementa	Razmak med nosilci
ZN-1 os Gb-1 – Gb-8 Dolžina L = 1100 cm Prečni prerez 40/60 cm	e_{max} = 500 cm
ZN-2 os Gb-9 – Gb-10 in Gb-15 – Gb-17 Dolžina L = 810 cm Prečni prerez 40/60 cm	e_{max} = 500 cm
ZN-3 os Gb-11 – Gb-14 Dolžina L = 650 cm Prečni prerez 40/60 cm	e_{max} = 500 cm

2. 0 Obtežba na element

2.1 Stalna obtežba

- ½ stopnice 0,40 x 0,80 x 0,50 x 25,00 / 0,80 = 5,00 kN/m
- sedišča + instalacije 1,0 x 5,0 = 5,00 kN/m
- stalna obtežba od klopi (0,80x0,12 + 0,25x0,10) x 25,00/0,80 x 5,00 = 18,90 kN/m

Skupaj G = 28,90 kN/m

2.2 Koristna obtežba – ktg. C5

- koristna obtežba od klopi p= 5,00 kN/m2 5,00x5,00 = 25,0 kN/m

Skupaj Q = 25,00 kN/m

2.3 Koristna obtežba – veter (pritisk + sesanje)

- koristna obtežba vetra od klopi w= (0,23+0,16)= 0,39 kN/m2 x 5,0 = 1,95 kN/m

Skupaj W = 1,95 kN/m

2.4 Koristna obtežba – sneg)

- koristna obtežba sneg = 1,37 kN/m2 x 5,0 = 6,85 kN/m

Skupaj Koristna = 33,80 kN/m

Lastna teža elementa zajeta v računalniškem programu za izračun elementa!

ANALIZA AB NOSILCA - Tibune Fazanerija Murska sobota - ZN-1 40/60

1. MATERIALI in GEOMETRIJA:

1.1 BETON: C40/50

Karakteristična tlačna trdnost : fck = 40 MPa
Povprečna natezna trdnost : fctm= 3.5 MPa
Elastični modul : Ecm = 33500 MPa

Pogled nosilca



Prerezi nosilca

Celotna dolžina nosilca L= 11 m, previs levo: 3.25 m, desno: 0 m
Volumen nosilca V= 2.64 m3, teža G= V · 25 kN/m3= 66 kN

1.2 Karakteristike prereza

ae = Es / Ec = 200000 / 33500 = 5.97

		A [m2]	I [m4]	z [m]
1/1	beton Ac	0.24	0.0072	0.3

2. OBTEŽBE (kN, kN/m, kNm, cm)

Stalna obtežba - G
- g1 : Q=6 kN/m'
- Stalna : Q=28.9 kN/m'

Koristna obtežba - Q
- : Q=33.8 kN/m'
- Korista2 : q1=33, x1=0, q2=33, x2=325

2.1 Koeficienti varnosti:

a) Mejno stanje nosilnosti (neugodno / ugodno)
- stalna obtežba : gG = 1.35 / 1
- dominatna koristna : gQ = 1.5 / 0
- prednapenjanje : gP = 1 / 1

- za beton : gc = 1.5
- za jeklo : gs = 1.15

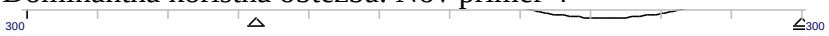
b) Mejno stanje uporabnosti - redko y0, pogosto y1, navidezno stalno y2

	y0	y1	y2
Koristna obtežba - Qi			
- Koristna	: 0.7	: 0.2	: 0
- Nov primer 4	: 0.7	: 0.2	: 0

3. NOTRANJE STATIČNE KOLIČINE

3.1 Mejno stanje uporabnosti

Redka kombinacija - |Mmax|=469.16 kNm, L=330 cm
Dominantna koristna obtežba: Nov primer 4



Pogosta kombinacija - |Mmax|=212.44 kNm, L=781 cm
Dominantna koristna obtežba: Koristna



Navidezno stalna - |Mmax|=177.97 kNm, L=781 cm
Dominantna koristna obtežba: Koristna



3.2 Mejno stanje nosilnosti - reducirane Q

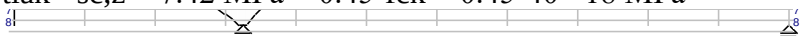
|Mmax|=677.28 kNm, L=330 cm, |Qmax|=464.41 kN, L=330 cm
Dominantna koristna obtežba: Nov primer 4

4. KONTROLA ZA MEJNO STANJE UPORABNOSTI

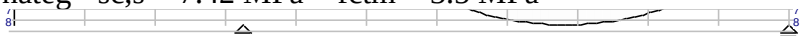
4.1 Navidezno stalni vplivi - napetosti v betonu

sc= Pm,t / Aci - (MSd,st + Mpt) · z / Ici

Napetosti na zgornjem robu - L=781 cm
tlak - sc,z = 7.42 MPa < 0.45·fck = 0.45·40= 18 MPa



Napetosti na spodnjem robu - L=781 cm
nateg - sc,s = 7.42 MPa > fctm = 3.5 MPa



5. RAZPOKE

5.1 Minimalna površina armature - EC2 pogoj 7.3.2(4)

Potrebna minimalna armatura - EC2 7.3.2

min As = kc·k·fct,eff·Act/ss

kc = 0.4·(1-0/k1)=0.4 (k1=1.5, hcr=30 cm)
k = 0.79
fct,eff = 3.5 MPa (fctm)
Act = zu·bw = 0.12 m2 (natezna površina)
ss = 240 MPa (za f 25, wk=0.4mm)

min As = 0.4·0.79·3.5·0.12/240 ·1E4 = **5.53 cm**2

5.2 Kontrola razpok brez direktnega preračuna - EC2 7.3.3

Korigiran max.premer armature: fs = f*s fct,eff/2.9 kchcr/2d1

Pogosta kombinacija - napetosti v jeklu

ss = 1 / (Ap+As) · (Ms/z - r·Pm,t)

Jeklo - zgornji del prereza za lastno težo in t=0
Ms = -MSd,pog + rsup·Mp + rsup·Pp·(d-zu)
z = 0.9 · d, d = h - d1, d1 - težišče Ap + As od zgornjega roba, rsup=1,1

V zgornjem delu prereza ni armature!

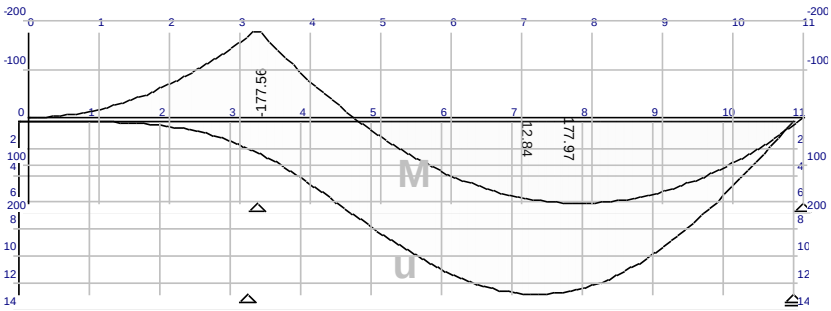
Jeklo - spodnji rob prereza za t=oo
Ms = MSd,pog - rinf·Mp + rinf·Pp·(zu-d1)
z = 0.9 · d, d = h - d1, d1 - težišče Ap + As od spodnjega roba, rinf=0,9

V spodnjem delu prereza ni armature!

6. KONTROLA UPOGIBA

Nosilec se obravnava kot nerazpokan, upošteva se navidezno stalna obtežba.
Interpretacija zaradi konzol - diagrami do M=0 so kot pri obrnjenem nosilcu na L/2
Izračun s pomočjo elastičnih uteži, Ic = Ici, Ec,eff = Ecm/(1+foo) = 33500/(1+2) = 11166.67 MPa

Pripadajoči upogibni momenti za elastične uteži, |Mmax| =177.97 kNm

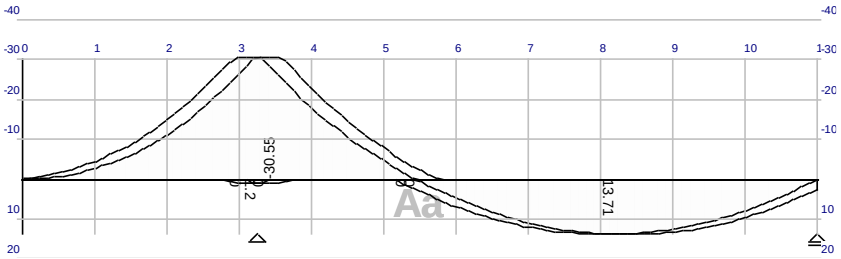


Maksimalni pomik = 12.84 mm, L=737 cm

7. KONTROLA ZA MEJNO STANJE NOSILNOSTI

Beton: C40/50 fck = 40 MPa
fcd = fck·a/gc = 40·1/1.5 = 26.67 MPa
Armatura: S500/560 fyk = 500 MPa
fyd = Min(fyk,Es·es)/gs = Min(500,200·10)/1.15 = 434.78 MPa
Zaščitni sloj betona do težišča armature: spodaj 3 cm, zgoraj 3 cm

Armatura zgoraj = 30.56 cm2, L=330 cm



Armatura spodaj = 13.71 cm2, L=825 cm

8. KONTROLA STRIGA - EC2(6.2)

8.1 Dimenzioniranje vertikalne strižne armature

VRd,c ≥ VEd - ni potrebna

VRd=min(VRd,s,VRd,max) ≥ VEd

VRd,c - strižna nosilnost bet.prereza brez strižne armature
VRd,s - strižna nosilnost strižne armature
VRd,max - nosilnost tlačnih diagonal-45°

VRd,c = (Vmin + k1·scp]·bw·d
fck = 40 MPa - C40/50
k = 1+(200/d)1/2≤ 2.0
Vmin = 0.035·k3/2·fck1/2
scp = NEd / Ac < 0.2 fcd
NEd = rinf·gp·spm,t·Ap

Maksimalna VRd,c = 101.41 kN, L=1100 cm

Maksimalna VEd = 421.41 kN, L=319 cm

Asw = VEd/(bw·0.9·d·fywd·cotq) /m
fywd = fyk/gs = 347.83 MPa, max ASw = 23.62 cm2/m (m=1)

Minimalna ASw = 4 cm2/m, pri ----- ASwL= 20.58, ASwD= 9.93

8.2 Kontrola tlačnih diagonal v betonu - maksimalna nosilnost

VRd,max = acw·bw·0.9·d·n1·fcd/(cotq+tanq)
n = 0.6 · (1-fck/250)
= 0.6 · (1 - 40 / 250) = 0.504
acw = 1, q = 45°

Maksimalna VRd,max = 1378.94 kN, L=1100 cm

Maksimalni razmak med stremeni smax = 42.75 cm, EC2 9.2.2 (6)

9. SIDRANJE ARMATURE

9.1 Mejne napetosti za dobro oprijemljivost:

A - za glatke palice: fdb = fck1/2·0.36/gc = 1.52 MPa

B - palice visoke oprijemljivosti: fdb = fctk0.05·2.25/gc = 3.67 MPa

Mejne napetosti za slabo oprijemljivost - zgornje vrednosti se pomnožijo z **0.7**

9.2 Osnovne dolžine sidranja: lb = f/4·fyd/fbd

	A	B
dobro: lb = f·	71.51	29.62
slabo: lb = f·	102.16	42.31

9.3 Potrebne dolžine sidranja: lb,net = aa·lb·(As,req/As,prov) ≥ lb,min

As.req - potrebna armatura, As.prov - dejanska armatura
lb,min natezna = 0.3·lb ≥ (10f ali :100mm), lb,min tlačna = 0.6·lb ≥ (10f ali 100mm)
aa = 1 - za ravne palice, aa = 0.7 - za ukrivljene palice

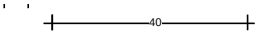
ANALIZA AB NOSILCA - Tibune Fazanerija Murska sobota - ZN-1 40/60

1. MATERIALI in GEOMETRIJA:

1.1 BETON: C40/50

Karakteristična tlačna trdnost : fck = 40 MPa
Povprečna natezna trdnost : fctm= 3.5 MPa
Elastični modul : Ecm = 33500 MPa

Pogled nosilca



Prerezi nosilca

Celotna dolžina nosilca L= 11 m, previs levo: 3.25 m, desno: 0 m
Volumen nosilca V= 2.64 m3, teža G= V · 25 kN/m3= 66 kN

1.2 Karakteristike prereza

ae = Es / Ec = 200000 / 33500 = 5.97

		A [m2]	I [m4]	z [m]
1/1	beton Ac	0.24	0.0072	0.3

2. OBTEŽBE (kN, kN/m, kNm, cm)

Stalna obtežba - G
- g1 : Q=6 kN/m'
- Stalna : Q=28.9 kN/m'

Koristna obtežba - Q

- : Q=33.8 kN/m'

2.1 Koeficienti varnosti:

a) Mejno stanje nosilnosti (neugodno / ugodno)
- stalna obtežba : gG = 1.35 / 1
- dominatna koristna : gQ = 1.5 / 0
- prednapenjanje : gP = 1 / 1

- za beton : gc = 1.5
- za jeklo : gs = 1.15

b) Mejno stanje uporabnosti - redko y0, pogosto y1, navidezno stalno y2

	y0	y1	y2
Koristna obtežba - Qi			
- Koristna	: 0.7	: 0.2	: 0

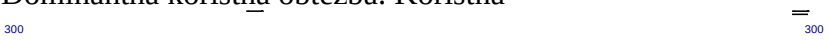
3. NOTRANJE STATIČNE KOLIČINE

3.1 Mejno stanje uporabnosti

Redka kombinacija - |Mmax|=350.33 kNm, L=781 cm
Dominantna koristna obtežba: Koristna



Pogosta kombinacija - |Mmax|=212.44 kNm, L=781 cm
Dominantna koristna obtežba: Koristna



Navidezno stalna - |Mmax|=177.97 kNm, L=781 cm
Dominantna koristna obtežba: Koristna



3.2 Mejno stanje nosilnosti - reducirane Q

|Mmax|=498.79 kNm, L=781 cm, |Qmax|=440.8 kN, L=330 cm
Dominantna koristna obtežba: Koristna



4. KONTROLA ZA MEJNO STANJE UPORABNOSTI

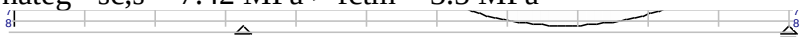
4.1 Navidezno stalni vplivi - napetosti v betonu

$sc = Pm,t / Aci - (MSd,st + Mpt) \cdot z / Ici$

Napetosti na zgornjem robu - L=781 cm
tlak - $sc,z = 7.42$ MPa $< 0.45 \cdot fck = 0.45 \cdot 40 = 18$ MPa



Napetosti na spodnjem robu - L=781 cm
nateg - sc,s = 7.42 MPa > fctm = 3.5 MPa



5. RAZPOKE

5.1 Minimalna površina armature - EC2 pogoj 7.3.2(4)

Potrebna minimalna armatura - EC2 7.3.2

min As = kc·k·fct,eff·Act/ss

kc = 0.4·(1-0/k1)=0.4 (k1=1.5, hcr=30 cm)
k = 0.79
fct,eff = 3.5 MPa (fctm)
Act = zu·bw = 0.12 m2 (natezna površina)
ss = 240 MPa (za f 25, wk=0.4mm)

min As = 0.4·0.79·3.5·0.12/240 ·1E4 = **5.53 cm**2

5.2 Kontrola razpok brez direktnega preračuna - EC2 7.3.3

Korigiran max.premer armature: fs = f*s fct,eff/2.9 kchcr/2d1

Pogosta kombinacija - napetosti v jeklu

ss = 1 / (Ap+As) · (Ms/z - r·Pm,t)

Jeklo - zgornji del prereza za lastno težo in t=0
Ms = -MSd,pog + rsup·Mp + rsup·Pp·(d-zu)
z = 0.9 · d, d = h - d1, d1 - težišče Ap + As od zgornjega roba, rsup=1,1

V zgornjem delu prereza ni armature!

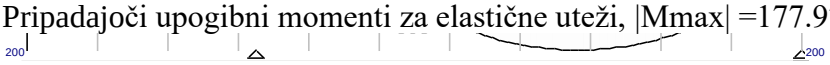
Jeklo - spodnji rob prereza za t=oo
Ms = MSd,pog - rinf·Mp + rinf·Pp·(zu-d1)
z = 0.9 · d, d = h - d1, d1 - težišče Ap + As od spodnjega roba, rinf=0,9

V spodnjem delu prereza ni armature!

6. KONTROLA UPOGIBA

Nosilec se obravnava kot nerazpokan, upošteva se navidezno stalna obtežba.
Interpretacija zaradi konzol - diagrami do M=0 so kot pri obrnjenem nosilcu na L/2
Izračun s pomočjo elastičnih uteži, Ic = Ici, Ec,eff = Ecm/(1+foo) = 33500/(1+2) = 11166.67 MPa

Pripadajoči upogibni momenti za elastične uteži, |Mmax| =177.97 kNm



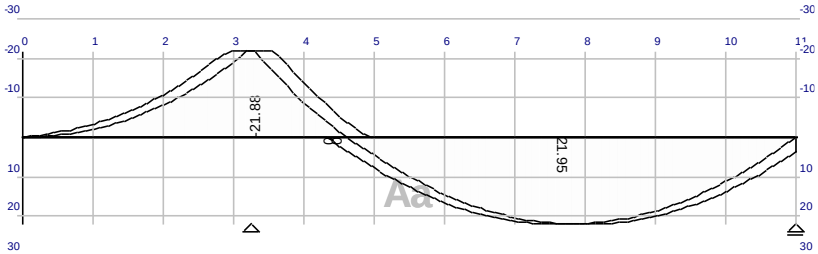
Maksimalni pomik = 12.84 mm, L=737 cm



7. KONTROLA ZA MEJNO STANJE NOSILNOSTI

Beton: C40/50 fck = 40 MPa
fcd = fck·a/gc = 40·1/1.5 = 26.67 MPa
Armatura: S500/560 fyk = 500 MPa
fyd = Min(fyk,Es·es)/gs = Min(500,200·10)/1.15 = 434.78 MPa
Zaščitni sloj betona do težišča armature: spodaj 3 cm, zgoraj 3 cm

Armatura zgoraj = 21.89 cm2, L=319 cm



Armatura spodaj = 21.95 cm2, L=781 cm

8. KONTROLA STRIGA - EC2(6.2)

8.1 Dimenzioniranje vertikalne strižne armature

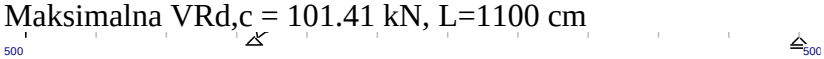
VRd,c ≥ VEd - ni potrebna

VRd=min(VRd,s,VRd,max) ≥ VEd

VRd,c - strižna nosilnost bet.prereza brez strižne armature
VRd,s - strižna nosilnost strižne armature
VRd,max - nosilnost tlačnih diagonal-45°

VRd,c = (Vmin + k1·scp]·bw·d
fck = 40 MPa - C40/50
k = 1+(200/d)1/2≤ 2.0
Vmin = 0.035·k3/2·fck1/2
scp = NEd / Ac < 0.2 fcd
NEd = rinf·gp·spm,t·Ap

Maksimalna VRd,c = 101.41 kN, L=1100 cm



Maksimalna VEd = 440.8 kN, L=330 cm

Asw = VEd/(bw·0.9·d·fywd·cotq) /m
fywd = fyk/gs = 347.83 MPa, max ASw = 24.7 cm2/m (m=1)

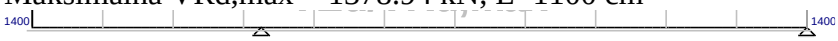
Minimalna ASw = 4 cm2/m, pri ----- ASwL= 22.13, ASwD= 14

8.2 Kontrola tlačnih diagonal v betonu - maksimalna nosilnost

VRd,max = acw·bw·0.9·d·n1·fcd/(cotq+tanq)
n = 0.6 · (1-fck/250)
= 0.6 · (1 - 40 / 250) = 0.504

acw = 1, q = 45°

Maksimalna VRd,max = 1378.94 kN, L=1100 cm



Maksimalni razmak med stremeni smax = 42.75 cm, EC2 9.2.2 (6)

9. SIDRANJE ARMATURE

9.1 Mejne napetosti za dobro oprijemljivost:

A - za glatke palice: fdb = fck1/2·0.36/gc = 1.52 MPa

B - palice visoke oprijemljivosti: fdb = fctk0.05·2.25/gc = 3.67 MPa

Mejne napetosti za slabo oprijemljivost - zgornje vrednosti se pomnožijo z **0.7**

9.2 Osnovne dolžine sidranja: lb = f/4·fyd/fbd

	A	B
dobro: lb = f·	71.51	29.62
slabo: lb = f·	102.16	42.31

9.3 Potrebne dolžine sidranja: lb,net = aa·lb·(As,req/As,prov) ≥ lb,min

As.req - potrebna armatura, As.prov - dejanska armatura
lb,min natezna = 0.3·lb ≥ (10f ali :100mm), lb,min tlačna = 0.6·lb ≥ (10f ali 100mm)
aa = 1 - za ravne palice, aa = 0.7 - za ukrivljene palice

Osnovni podatki o modelu, Vhodni podatki - Konstrukcija

Naslov:	3D statična in dinamična analiza
Objekt:	Tribune Mura MS
Mesto:	Murska Sobota
Investitor:	Mestna občina Murska Sobota, Kardoševa 2, 9000 MS
Projektant:	Jure Tikvič univ.dipl.inž.gradb. G-3877

Datoteka:	Tribune Mura MS.twp
Datum preračuna:	14.5.2025

Način preračuna: 3D model

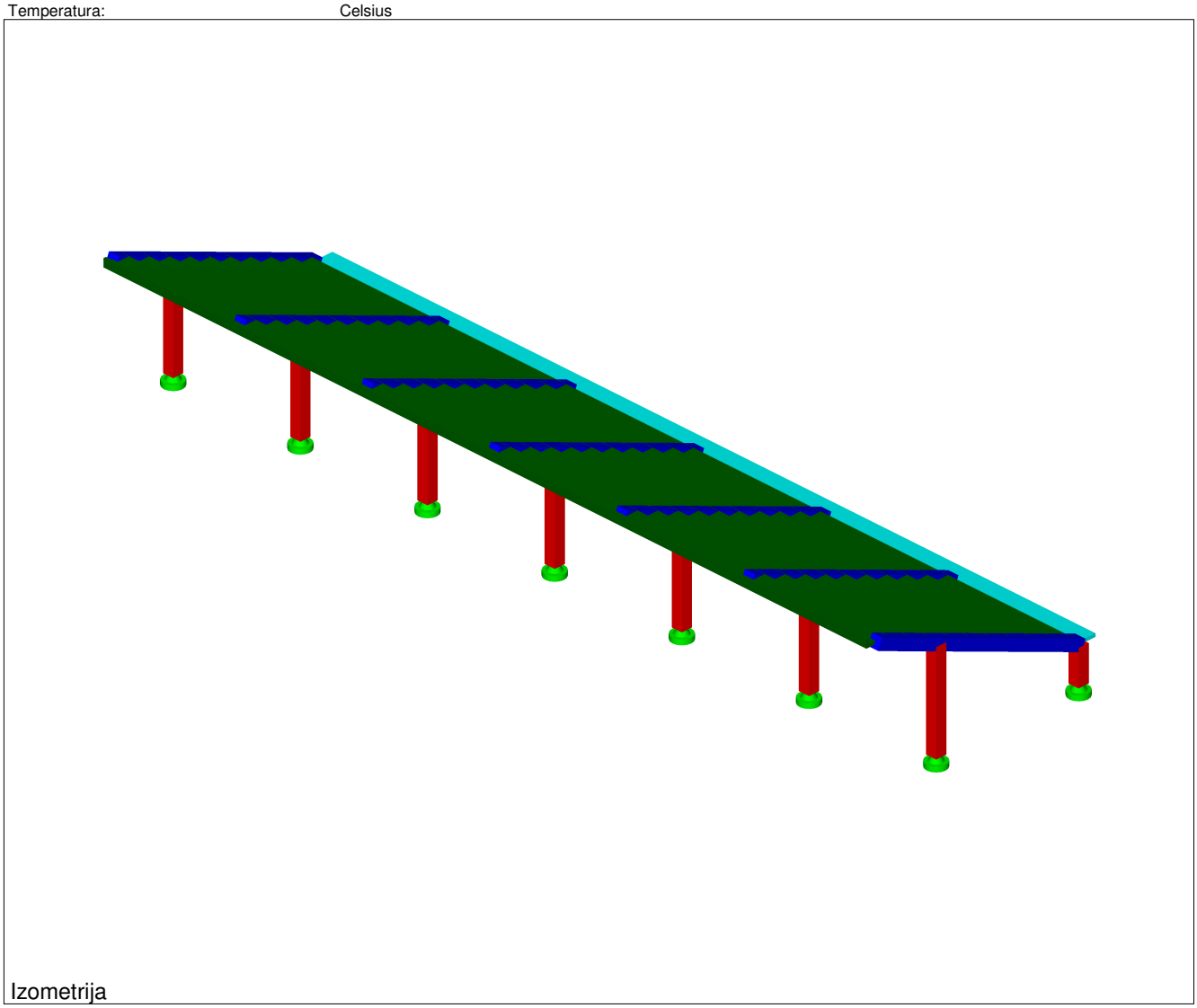
- [X] Teorija I-ga reda
- [X] Modalna analiza
- [ ] Stabilnost
- [ ] Teorija II-ga reda
- [X] Seizmični preračun
- [ ] Faze gradnje
- [ ] Nelinearen preračun

Velikost modela

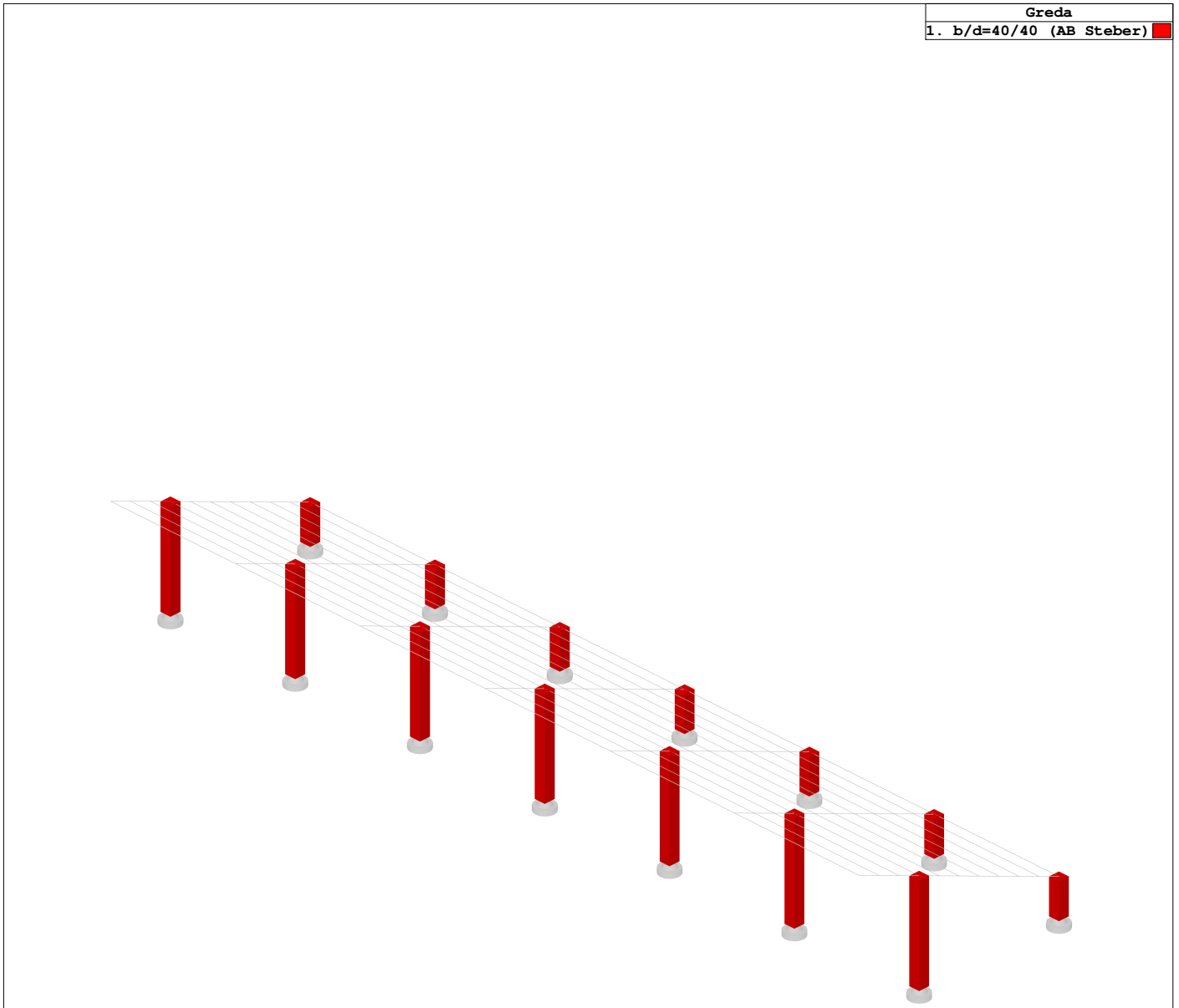
Število vozlišč:	91
Število ploskovnih elementov:	0
Število grednih elementov	150
Število robnih elementov	84
Število osnovnih obtežnih primerov:	13
Število kombinacij obtežb:	257

Enote mer

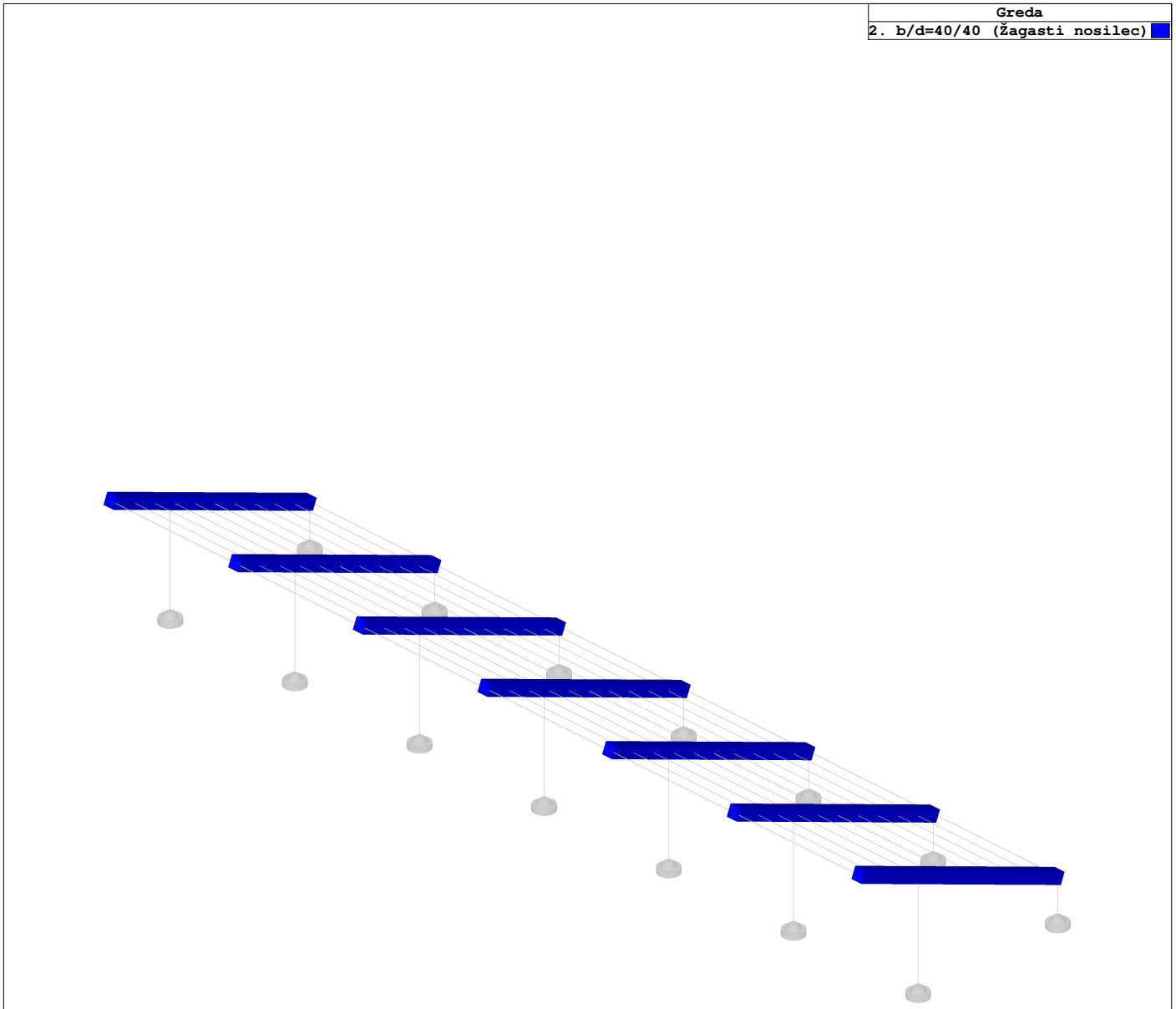
Dolžina:	m [cm,mm]
Sila:	kN
Temperatura:	Celsius



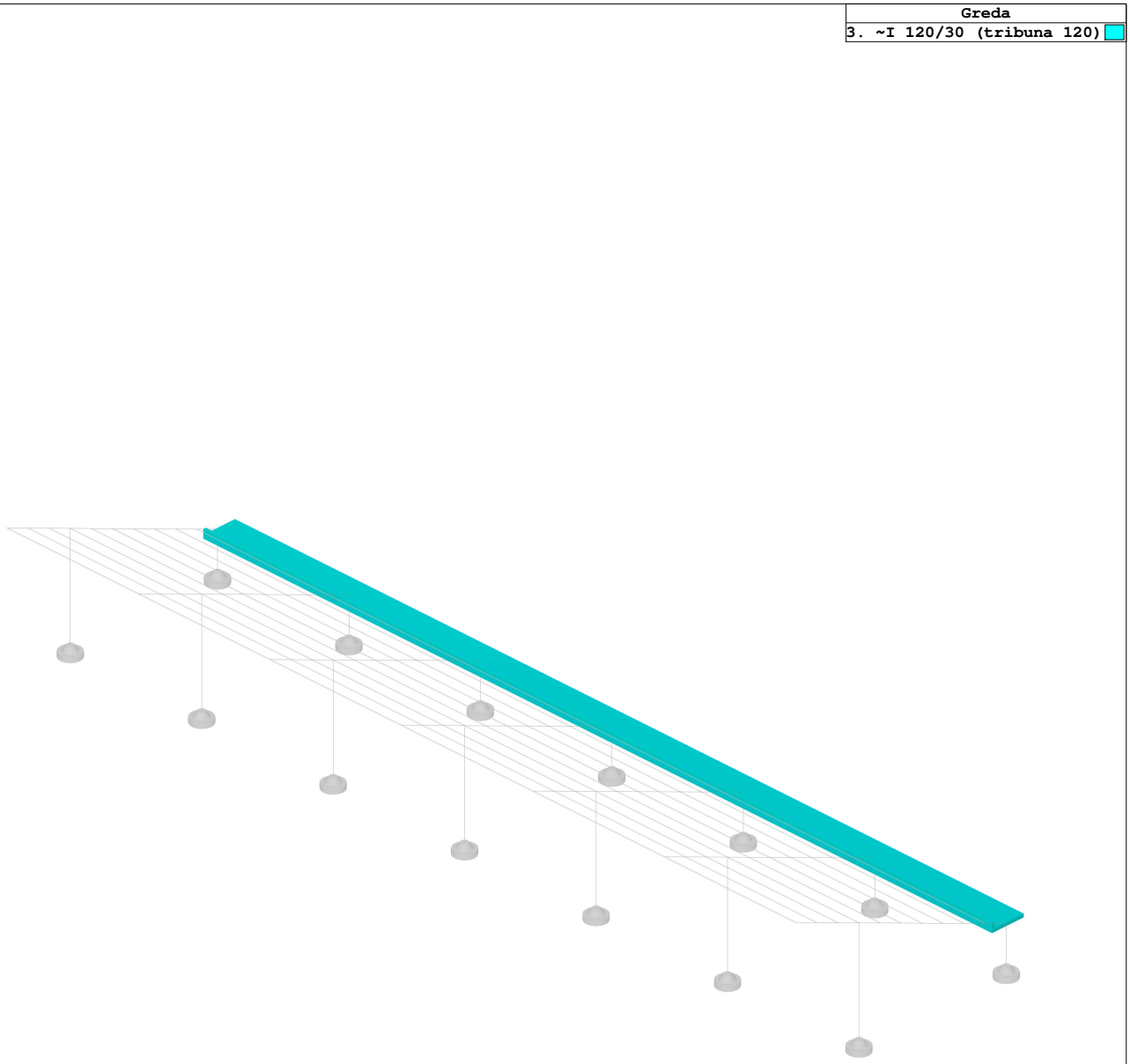
Izometrija



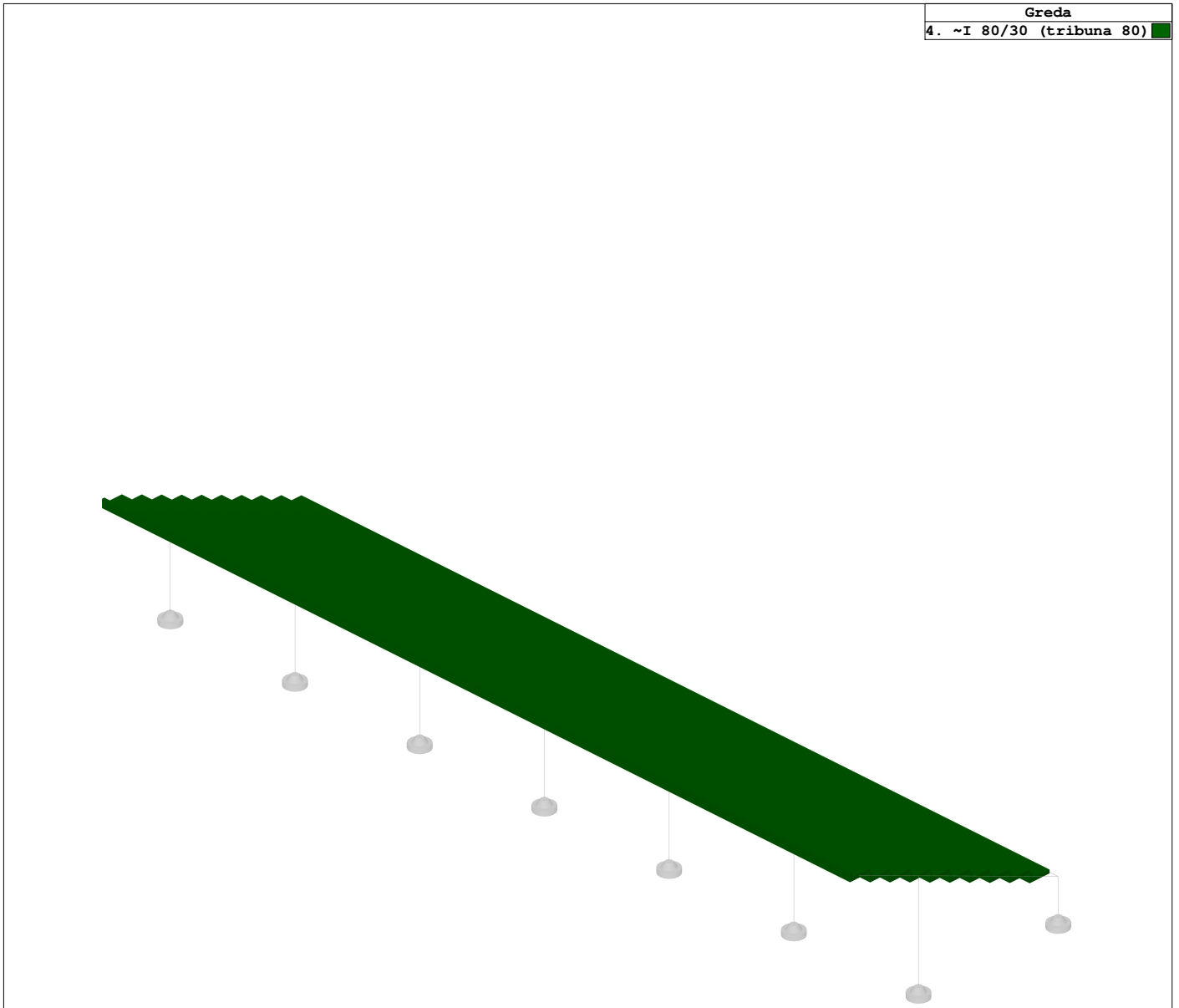
Seti numeričnih podatkov
Greda (1)



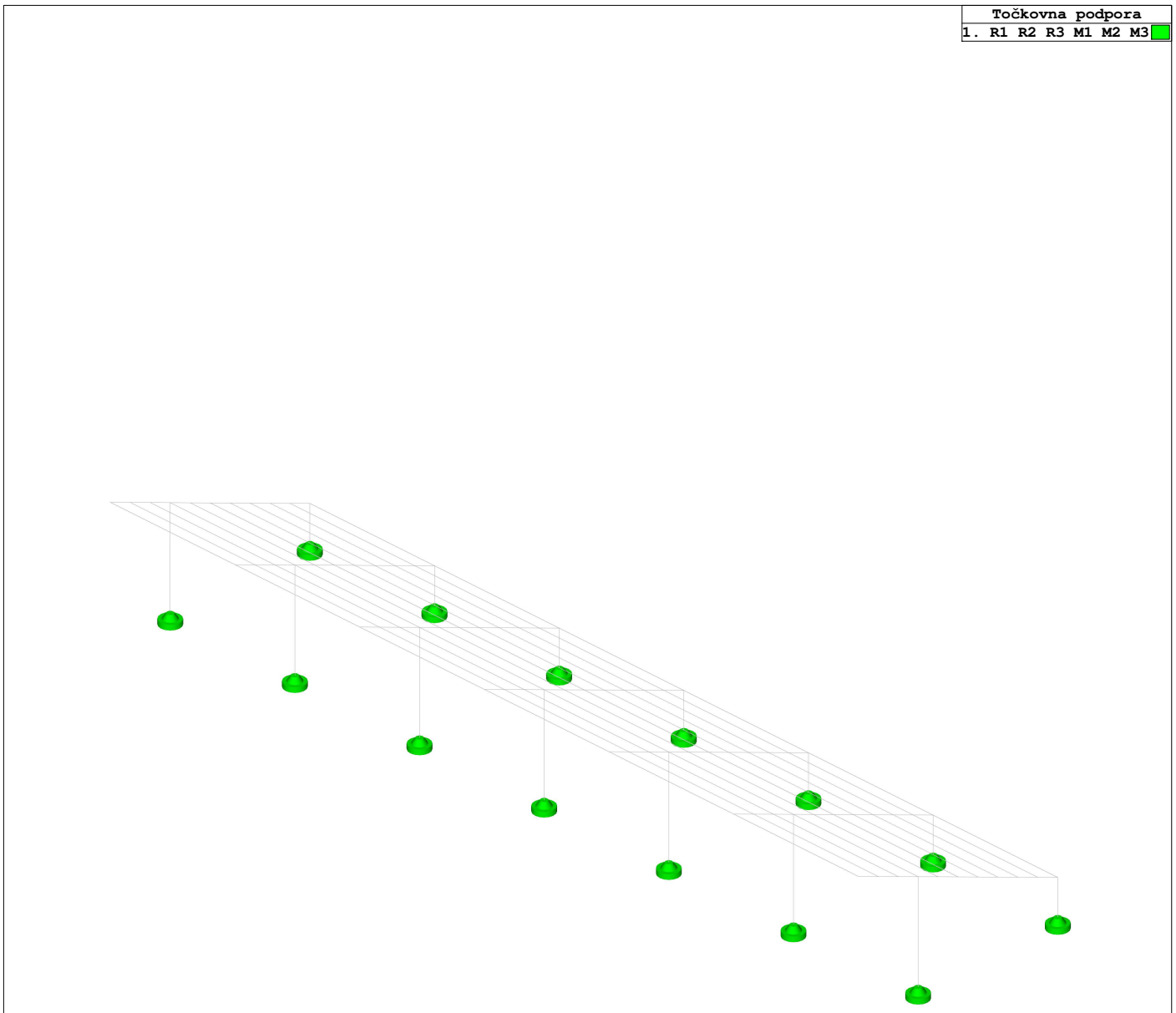
Seti numeričnih podatkov
Greda (2)



Seti numeričnih podatkov
Greda (3)



Seti numeričnih podatkov
Greda (4)



Seti numeričnih podatkov
Točkovna podpora (1)

Shema nivojev

Naziv	z [m]	h [m]
tribuna +4.6	4.60	3.30
tribuna +1.30	1.30	1.30

Naziv	z [m]	h [m]
temelji	0.00	

Koordinate vozlišč

No	X [m]	Y [m]	Z [m]
1	0.0000	2.4000	0.0000
2	0.0000	0.0000	4.6000
3	0.0000	0.8000	4.2700
4	0.0000	1.6000	3.9400
5	0.0000	2.4000	3.6100
6	0.0000	3.2000	3.2800
7	0.0000	4.0000	2.9500
8	5.0000	2.4000	0.0000
9	0.0000	4.8000	2.6200
10	0.0000	5.6000	2.2900
11	0.0000	8.0000	0.0000
12	0.0000	6.4000	1.9600
13	0.0000	7.2000	1.6300
14	0.0000	8.0000	1.3000
15	5.0000	0.0000	4.6000
16	5.0000	0.8000	4.2700
17	5.0000	1.6000	3.9400
18	5.0000	2.4000	3.6100
19	5.0000	3.2000	3.2800
20	5.0000	4.0000	2.9500
21	10.000	2.4000	0.0000
22	5.0000	4.8000	2.6200
23	5.0000	5.6000	2.2900
24	5.0000	8.0000	0.0000
25	5.0000	6.4000	1.9600
26	5.0000	7.2000	1.6300
27	5.0000	8.0000	1.3000
28	10.000	0.0000	4.6000
29	10.000	0.8000	4.2700
30	10.000	1.6000	3.9400
31	10.000	2.4000	3.6100
32	10.000	3.2000	3.2800
33	10.000	4.0000	2.9500
34	15.000	2.4000	0.0000
35	10.000	4.8000	2.6200
36	10.000	5.6000	2.2900
37	10.000	8.0000	0.0000
38	10.000	6.4000	1.9600
39	10.000	7.2000	1.6300
40	10.000	8.0000	1.3000
41	15.000	0.0000	4.6000
42	15.000	0.8000	4.2700
43	15.000	1.6000	3.9400
44	15.000	2.4000	3.6100
45	15.000	3.2000	3.2800
46	15.000	4.0000	2.9500
47	20.000	2.4000	0.0000
48	15.000	4.8000	2.6200
49	15.000	5.6000	2.2900
50	15.000	8.0000	0.0000
51	15.000	6.4000	1.9600
52	15.000	7.2000	1.6300
53	15.000	8.0000	1.3000
54	20.000	0.0000	4.6000
55	20.000	0.8000	4.2700
56	20.000	1.6000	3.9400
57	20.000	2.4000	3.6100
58	20.000	3.2000	3.2800
59	20.000	4.0000	2.9500
60	25.000	2.4000	0.0000
61	20.000	4.8000	2.6200
62	20.000	5.6000	2.2900
63	20.000	8.0000	0.0000
64	20.000	6.4000	1.9600
65	20.000	7.2000	1.6300
66	20.000	8.0000	1.3000
67	25.000	0.0000	4.6000
68	25.000	0.8000	4.2700
69	25.000	1.6000	3.9400
70	25.000	2.4000	3.6100
71	25.000	3.2000	3.2800
72	25.000	4.0000	2.9500
73	30.000	2.4000	0.0000
74	25.000	4.8000	2.6200
75	25.000	5.6000	2.2900
76	25.000	8.0000	0.0000
77	25.000	6.4000	1.9600
78	25.000	7.2000	1.6300
79	25.000	8.0000	1.3000
80	30.000	0.0000	4.6000
81	30.000	0.8000	4.2700
82	30.000	1.6000	3.9400
83	30.000	2.4000	3.6100
84	30.000	3.2000	3.2800
85	30.000	4.0000	2.9500
86	30.000	4.8000	2.6200
87	30.000	5.6000	2.2900
88	30.000	8.0000	0.0000
89	30.000	6.4000	1.9600
90	30.000	7.2000	1.6300
91	30.000	8.0000	1.3000

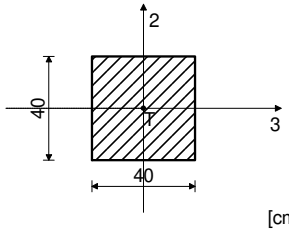
Tabele materialov

No	Naziv materiala	E[kN/m2]	μ	γ[kN/m3]	αt[1/C]	Em[kN/m2]	μm
1	C 30/37	3.300e+7	0.20	25.00	1.000e-5	3.300e+7	0.20
2	C 40/50	3.500e+7	0.20	25.00	1.000e-5	3.500e+7	0.20

Seti gred

Set: 1 Prerez: b/d=40/40, Fiktivna ekscentričnost, AB Steber

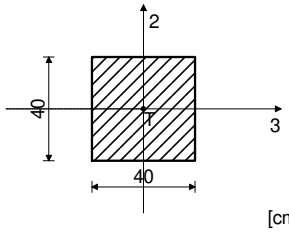
Mat.	A1	A2	A3	I1	I2	I3
1 - C 30/37	1.600e-1	1.333e-1	1.333e-1	3.605e-3	2.133e-3	2.133e-3



[cm]

Set: 2 Prerez: b/d=40/40, Fiktivna ekscentričnost, Žagasti nosilec

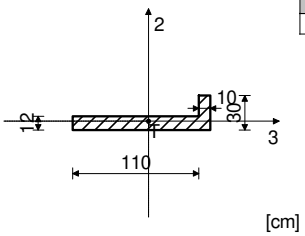
Mat.	A1	A2	A3	I1	I2	I3
2 - C 40/50	1.600e-1	1.333e-1	1.333e-1	3.605e-3	2.133e-3	2.133e-3



[cm]

Set: 3 Prerez: ~I 120/30, Fiktivna ekscentričnost, tribuna 120

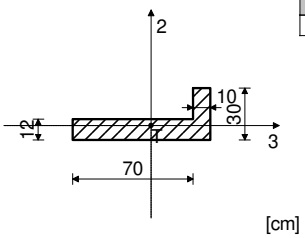
Mat.	A1	A2	A3	I1	I2	I3
2 - C 40/50	1.620e-1	6.073e-2	1.250e-1	7.512e-4	2.214e-2	5.814e-4



[cm]

Set: 4 Prerez: ~I 80/30, Fiktivna ekscentričnost, tribuna 80

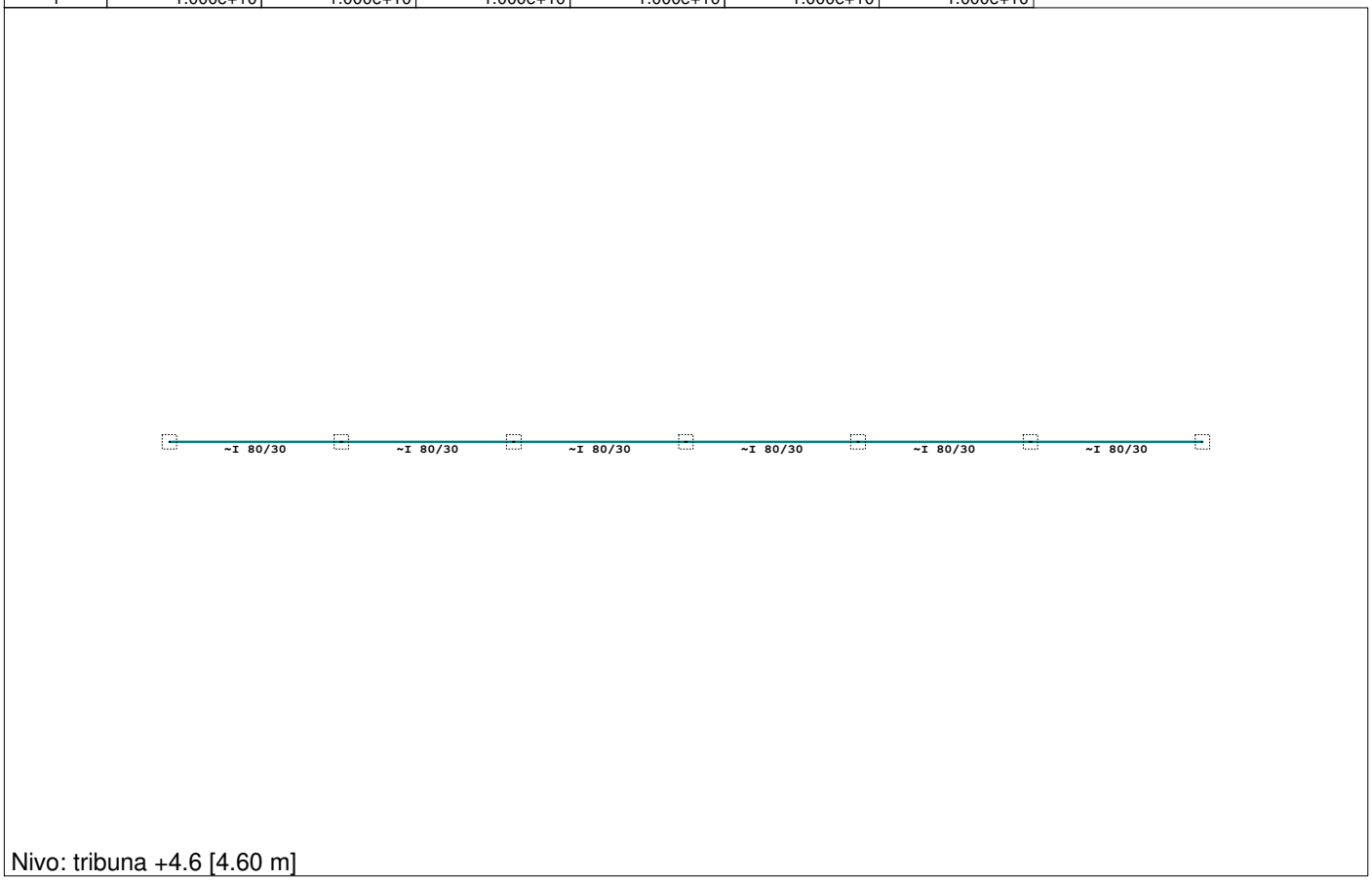
Mat.	A1	A2	A3	I1	I2	I3
2 - C 40/50	1.140e-1	4.982e-2	8.396e-2	5.208e-4	6.992e-3	5.049e-4



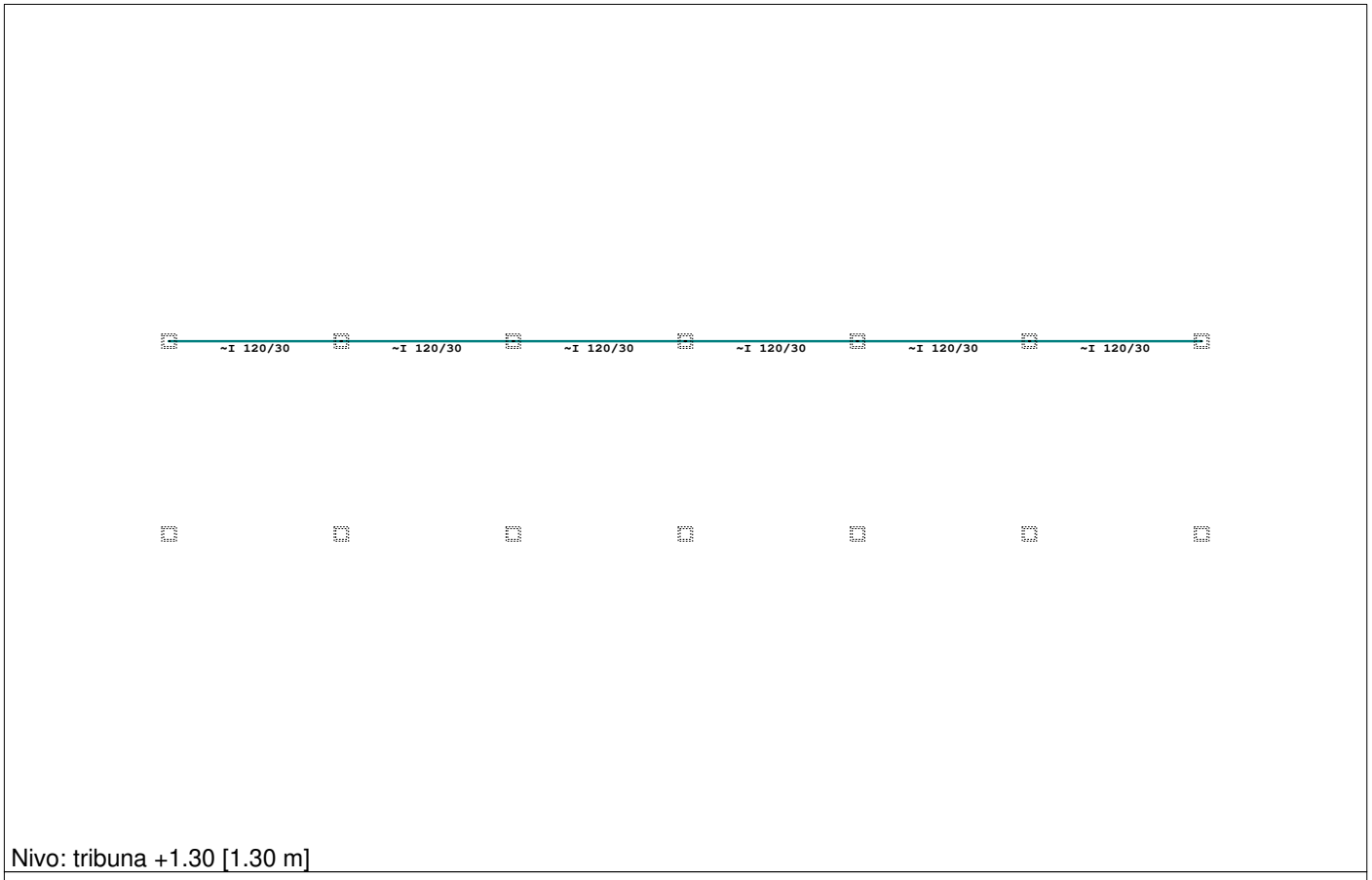
[cm]

Seti točkovnih podpor

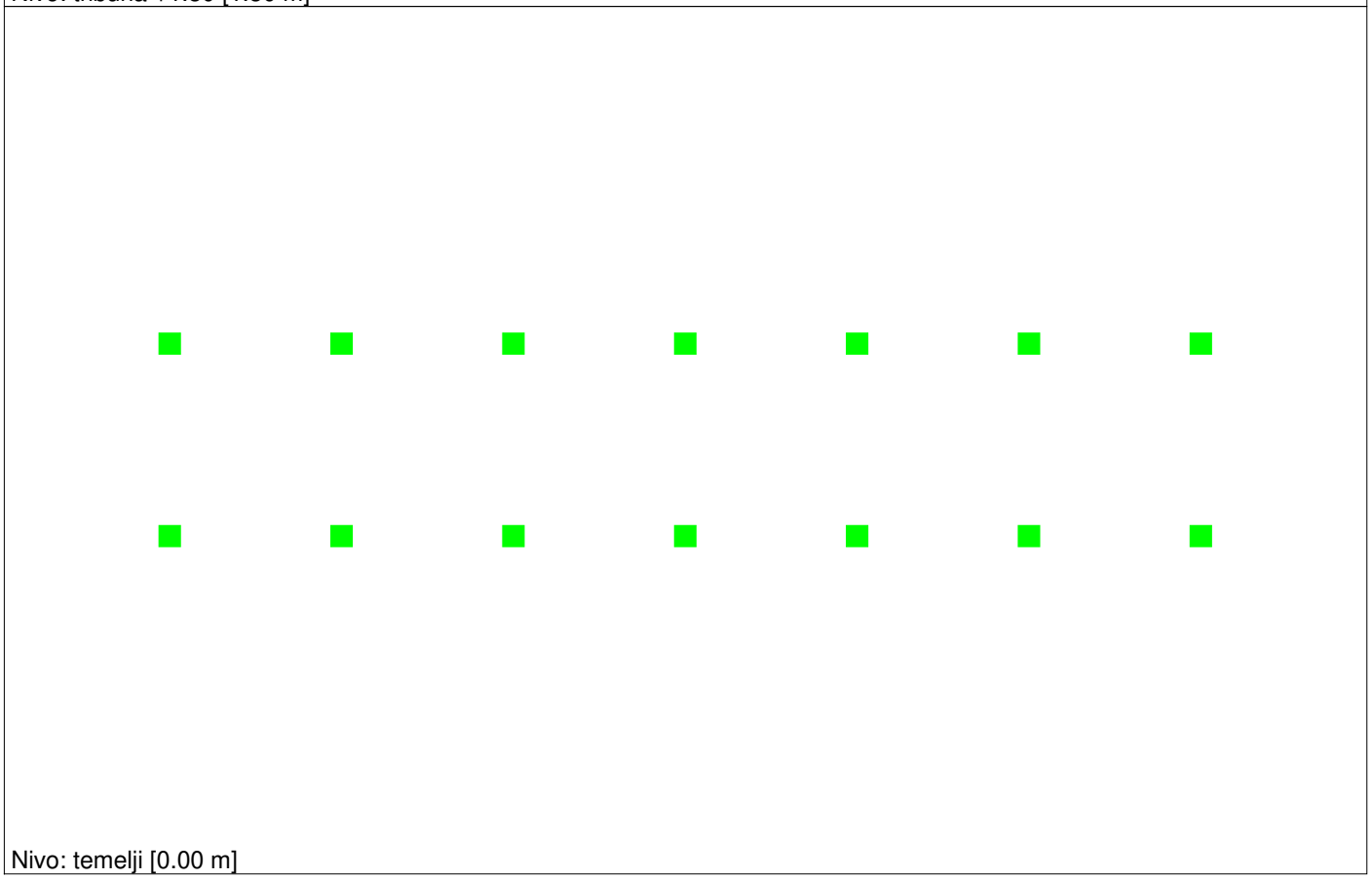
Set	K,R1	K,R2	K,R3	K,M1	K,M2	K,M3
1	1.000e+10	1.000e+10	1.000e+10	1.000e+10	1.000e+10	1.000e+10



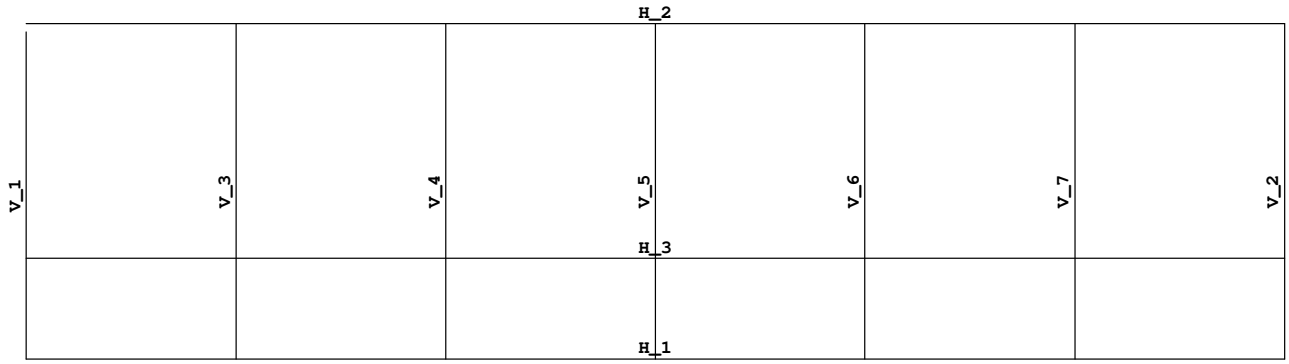
Nivo: tribuna +4.6 [4.60 m]



Nivo: tribuna +1.30 [1.30 m]



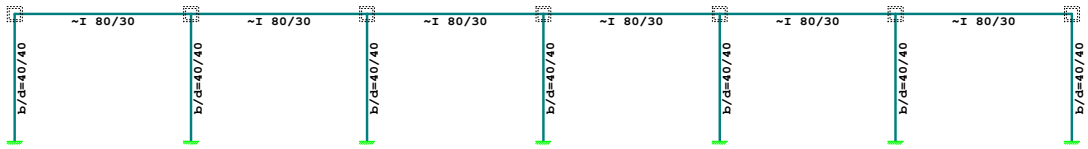
Nivo: temelji [0.00 m]



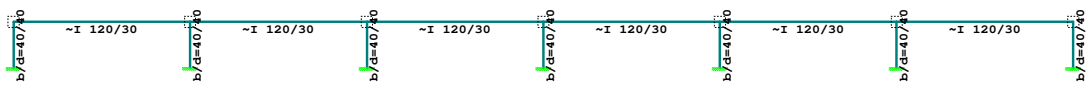
Dispozicija okvirjev



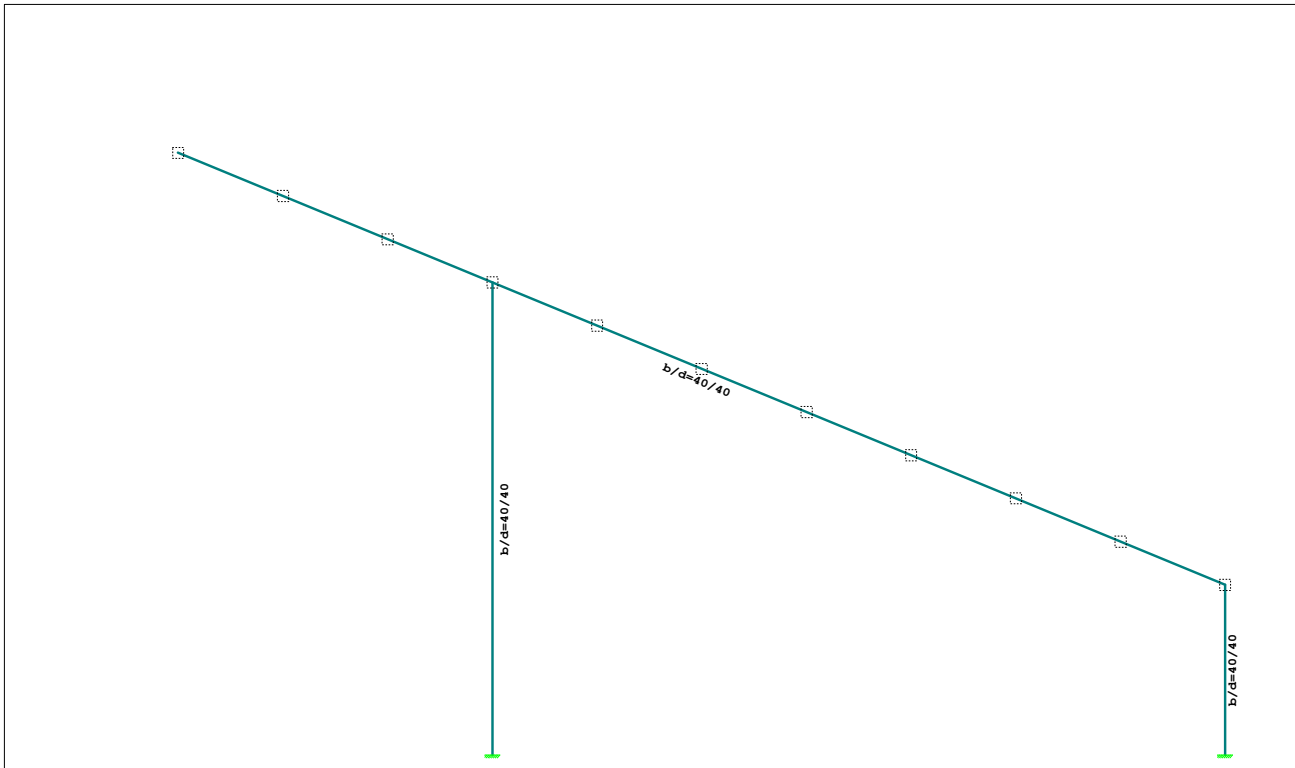
Okvir: H_1



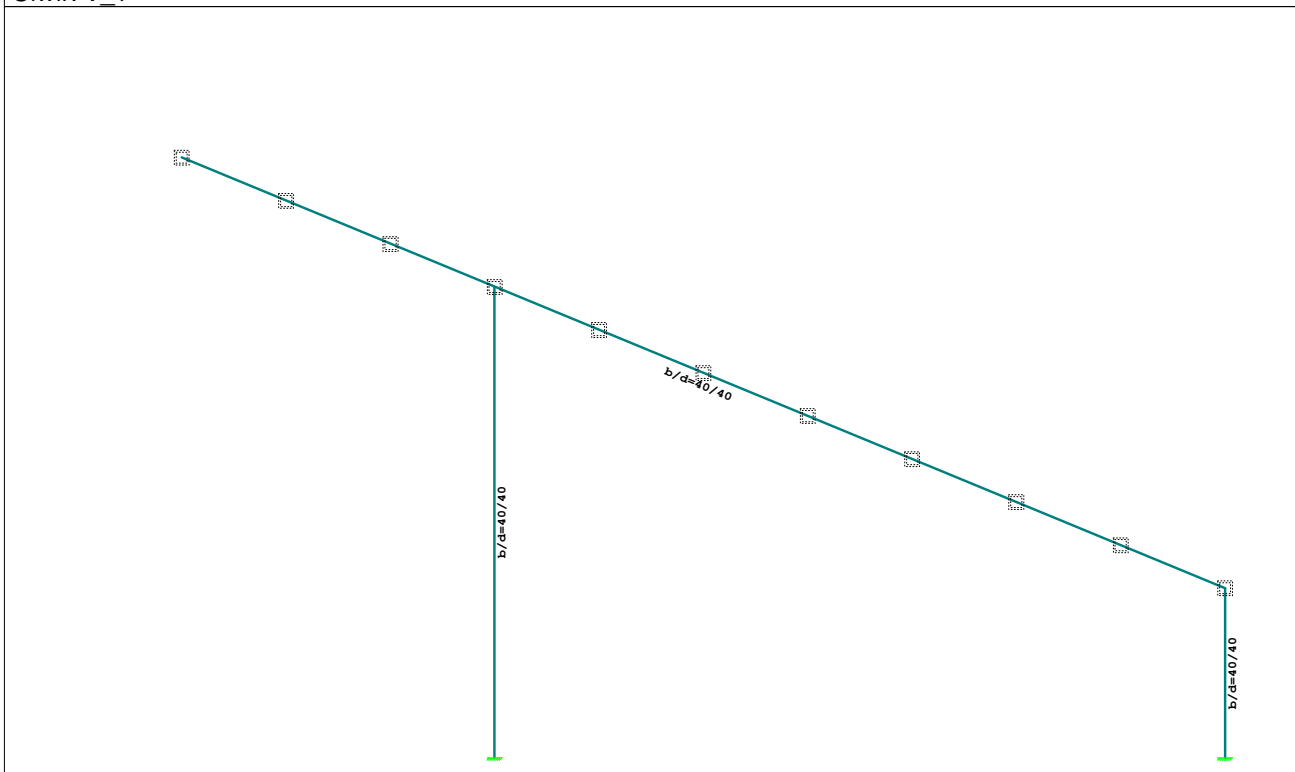
Okvir: H_3



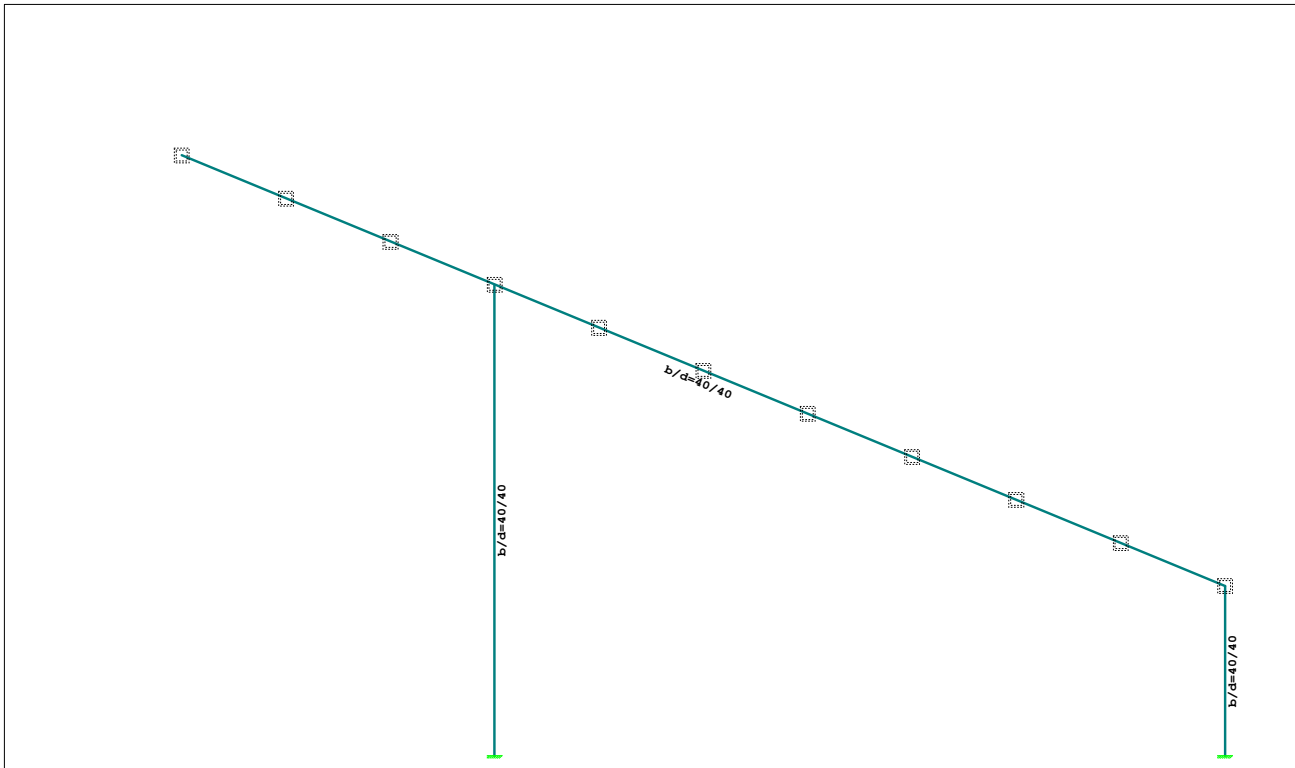
Okvir: H_2



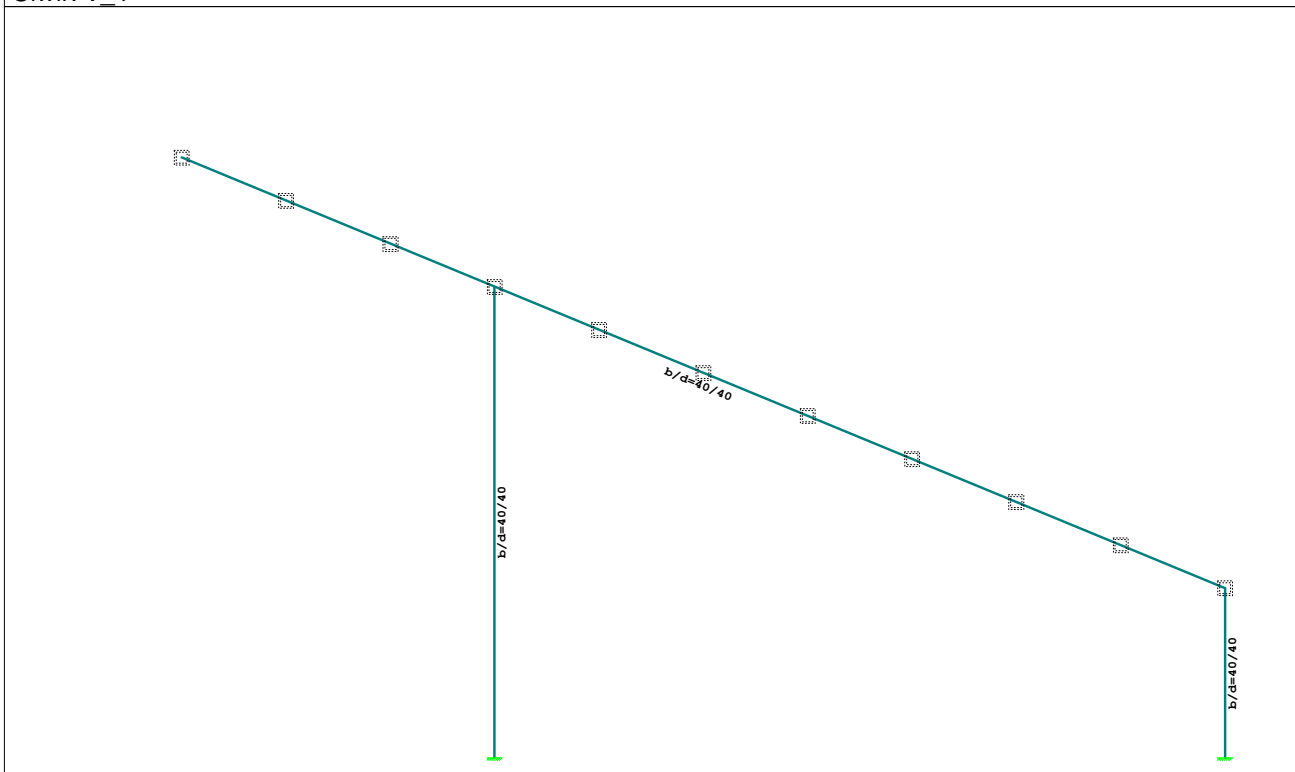
Okvir: V_1



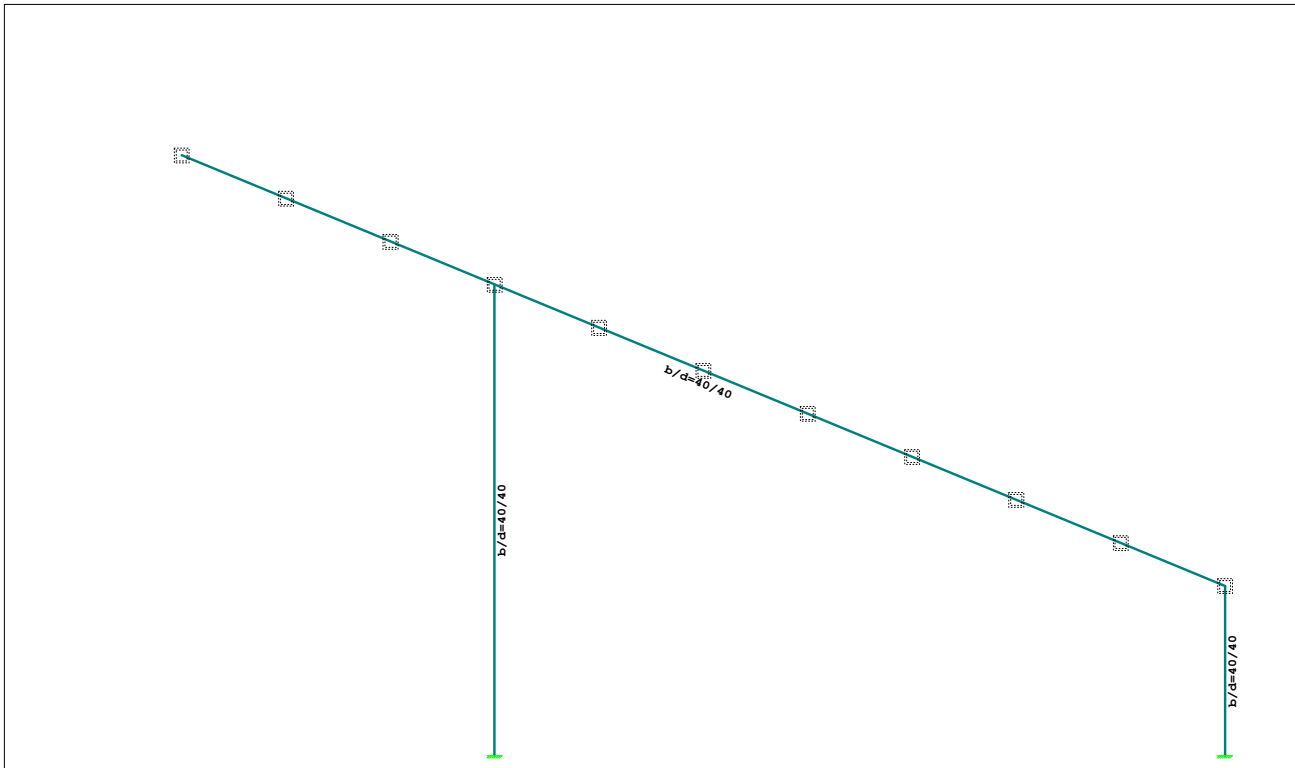
Okvir: V_3



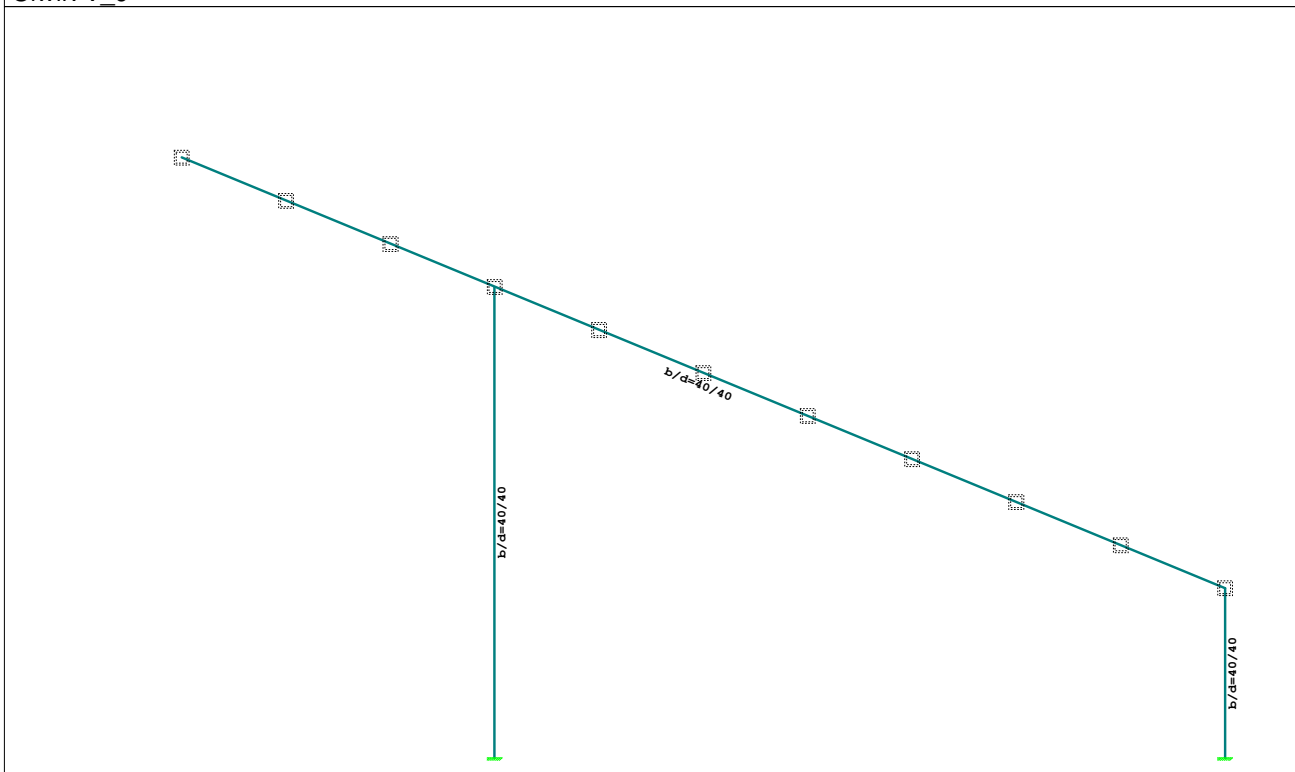
Okvir: V_4



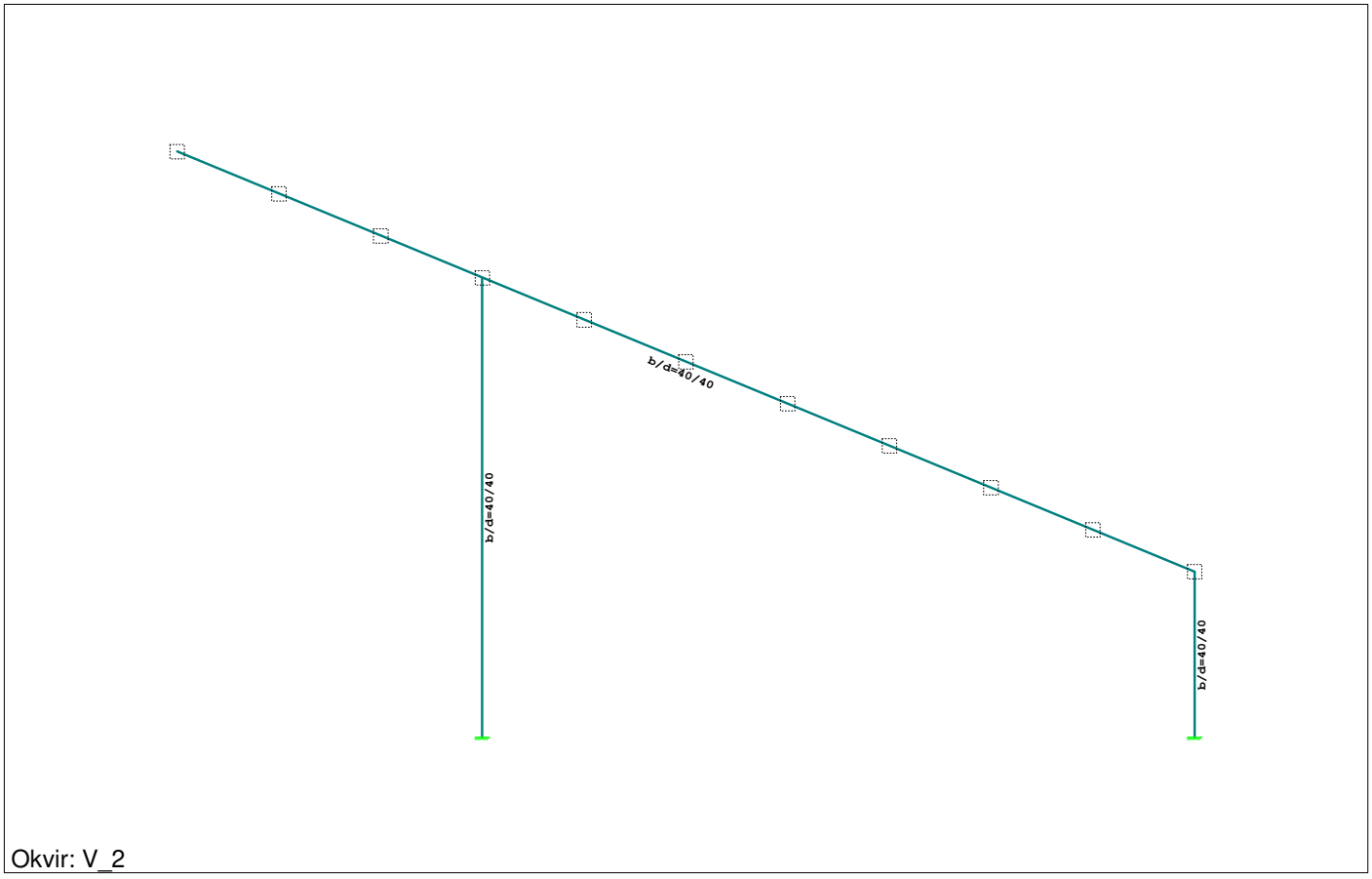
Okvir: V_5



Okvir: V_6



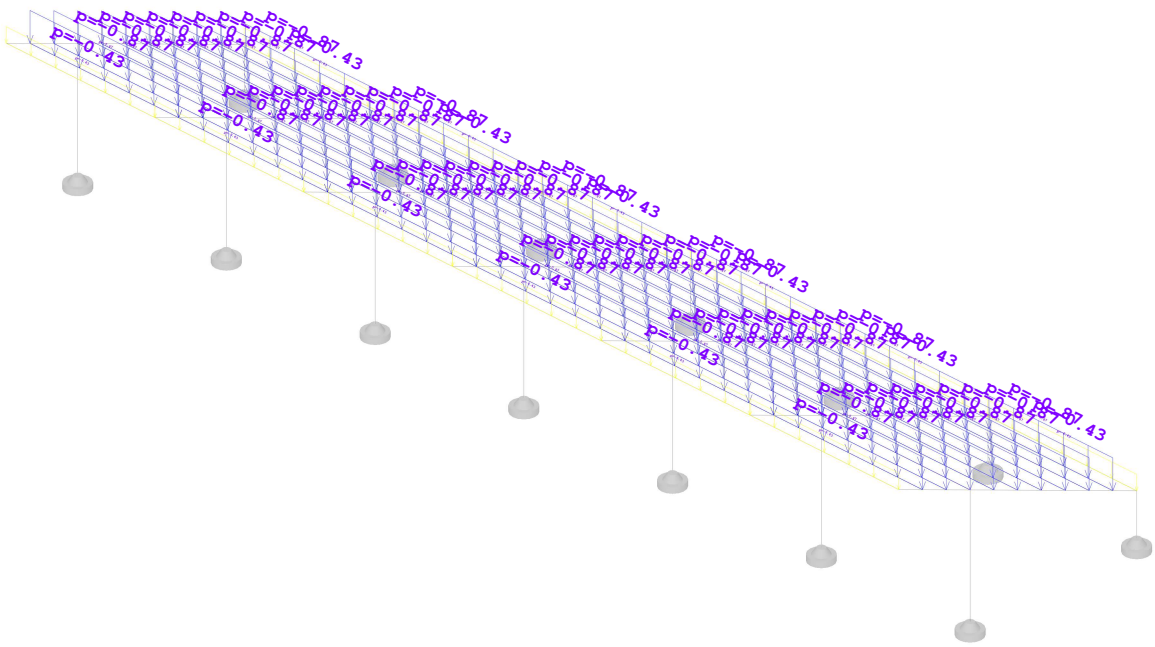
Okvir: V_7



Okvir: V_2

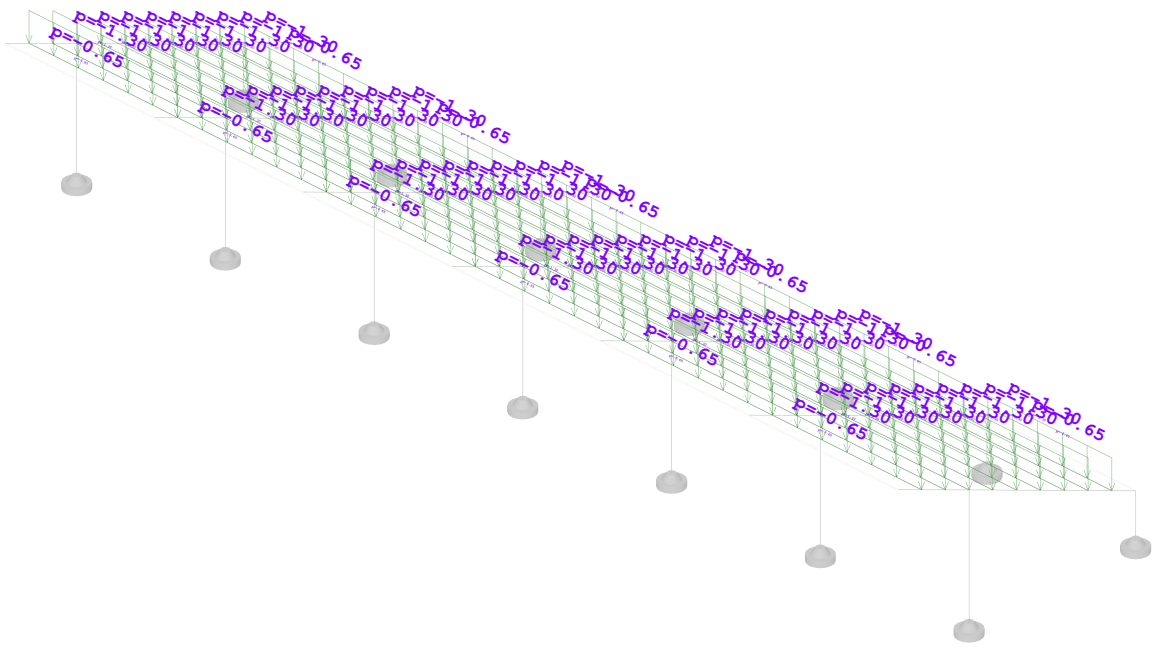
Vhodni podatki - Obtežba

Obt. 1: Lastna + stalna obtežba (g)



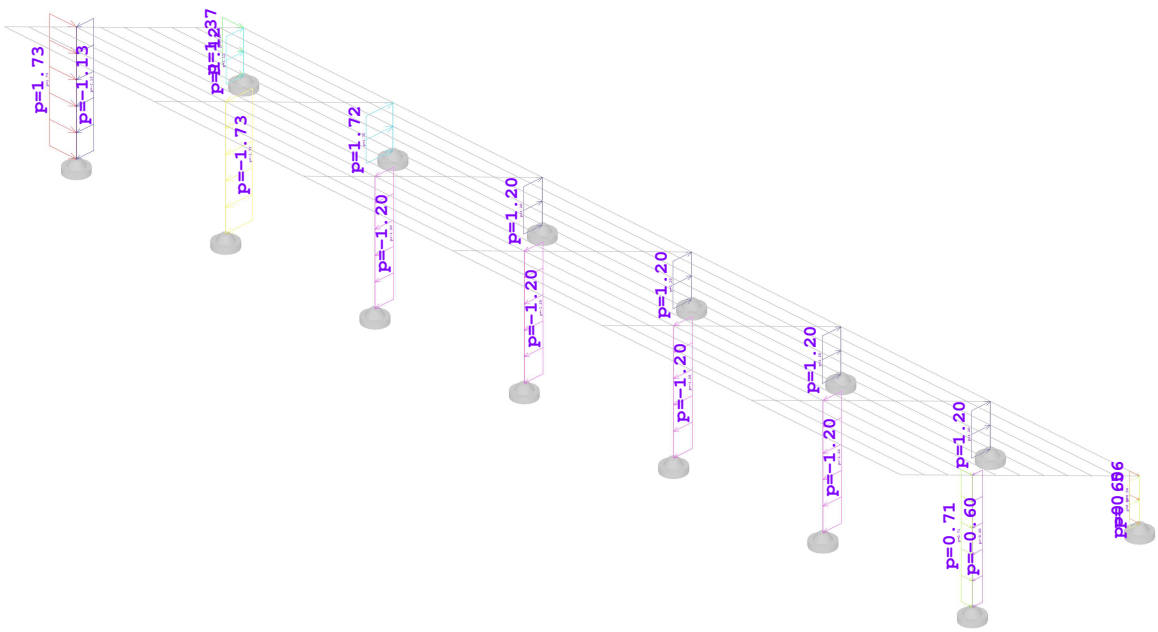
Seti numeričnih podatkov
Linijska obtežba (1,2)

Obt. 2: Sneg



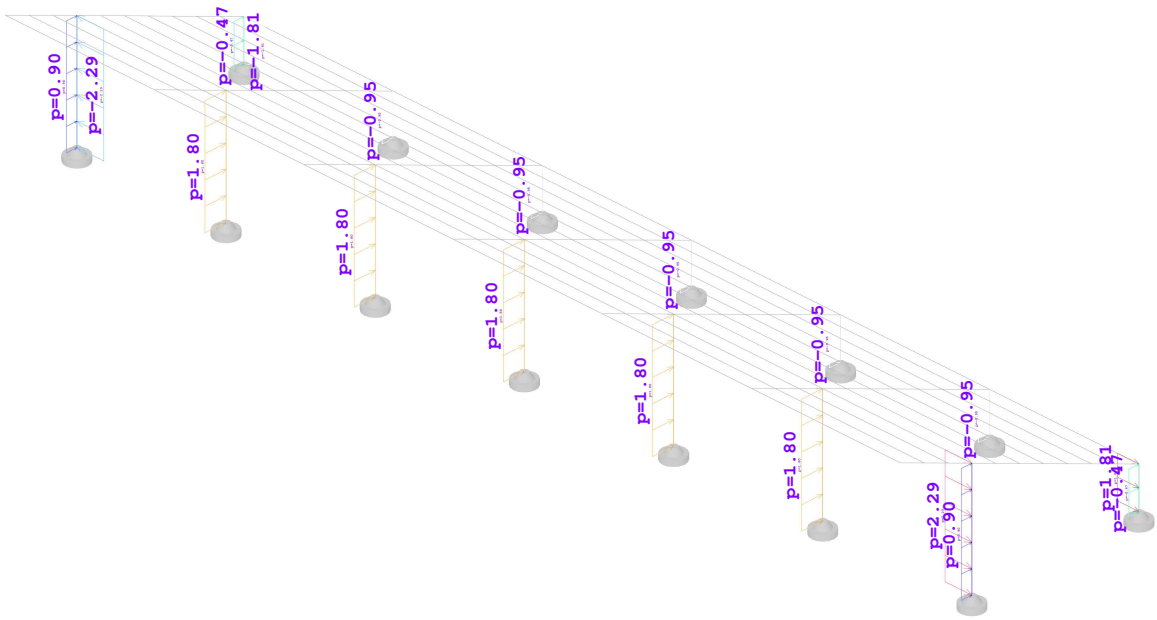
Seti numeričnih podatkov
Linijska obtežba (3,4)

Obt. 3: Veter X smer



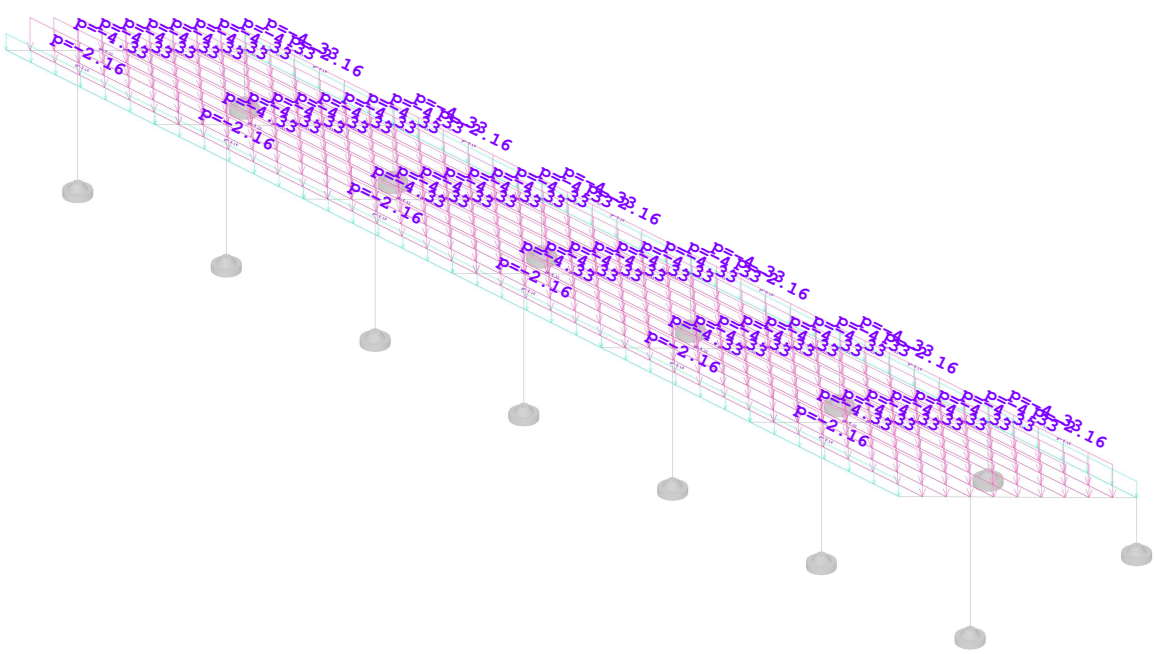
Seti numeričnih podatkov
Linijska obtežba (5-14,25,26)

Obt. 4: Veter Y smer



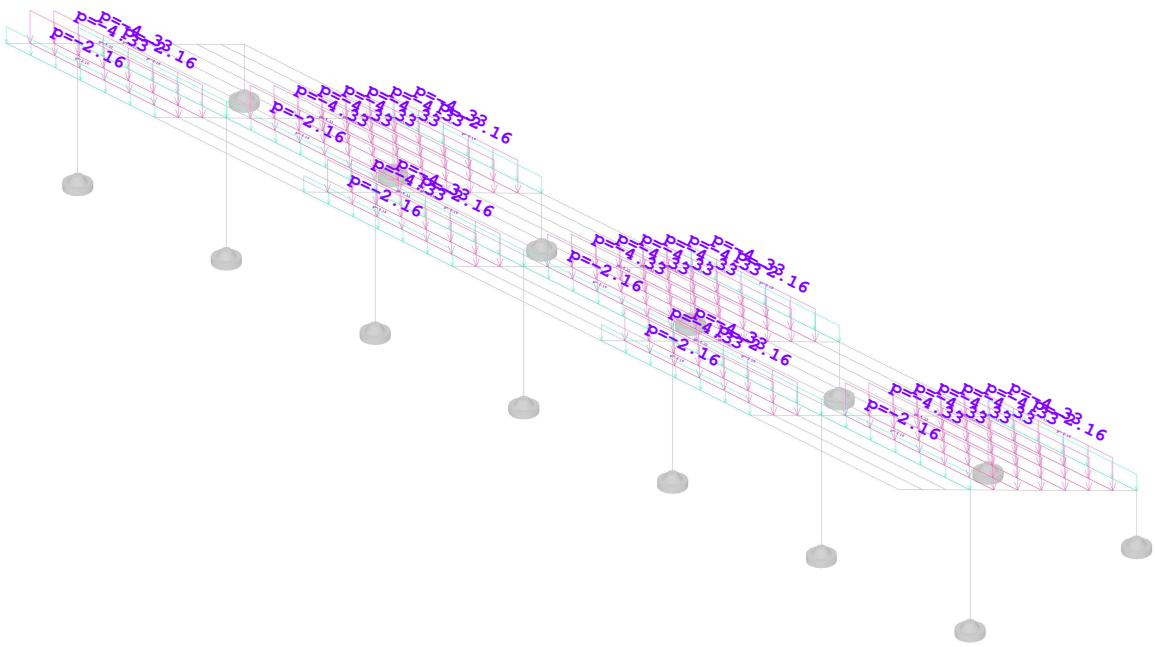
Seti numeričnih podatkov
Linijska obtežba (15-22)

Obt. 5: Tribuna ktg C5_ po celem



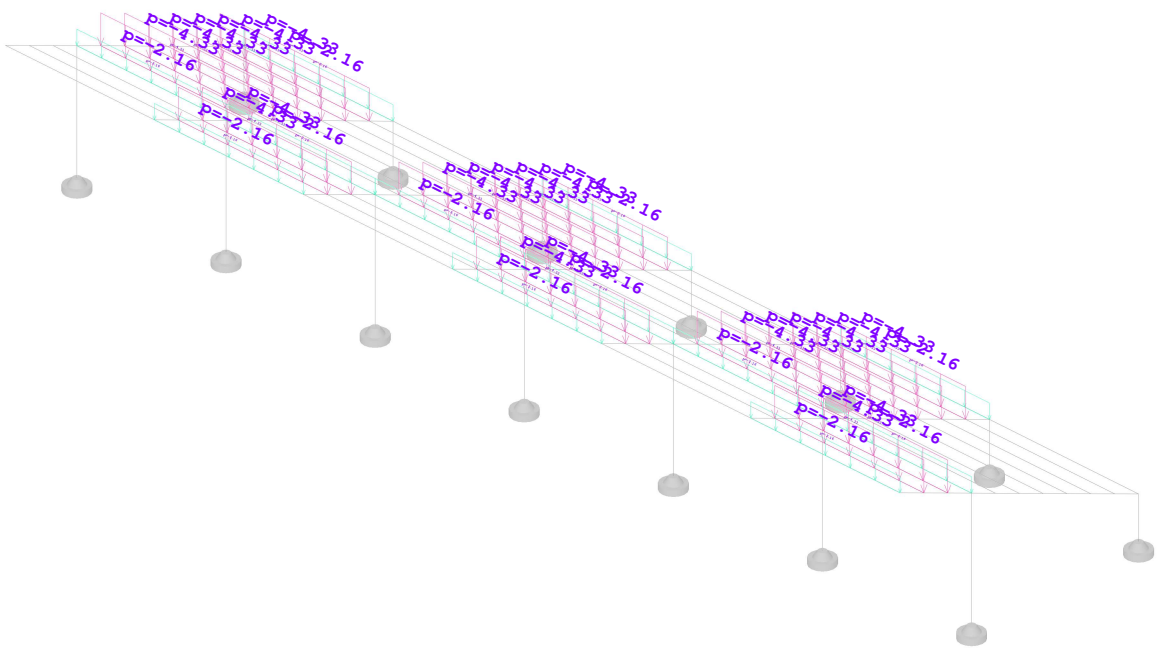
Seti numeričnih podatkov
Linijska obtežba (23,24)

Obt. 6: Tribuna ktg C5_ šah1



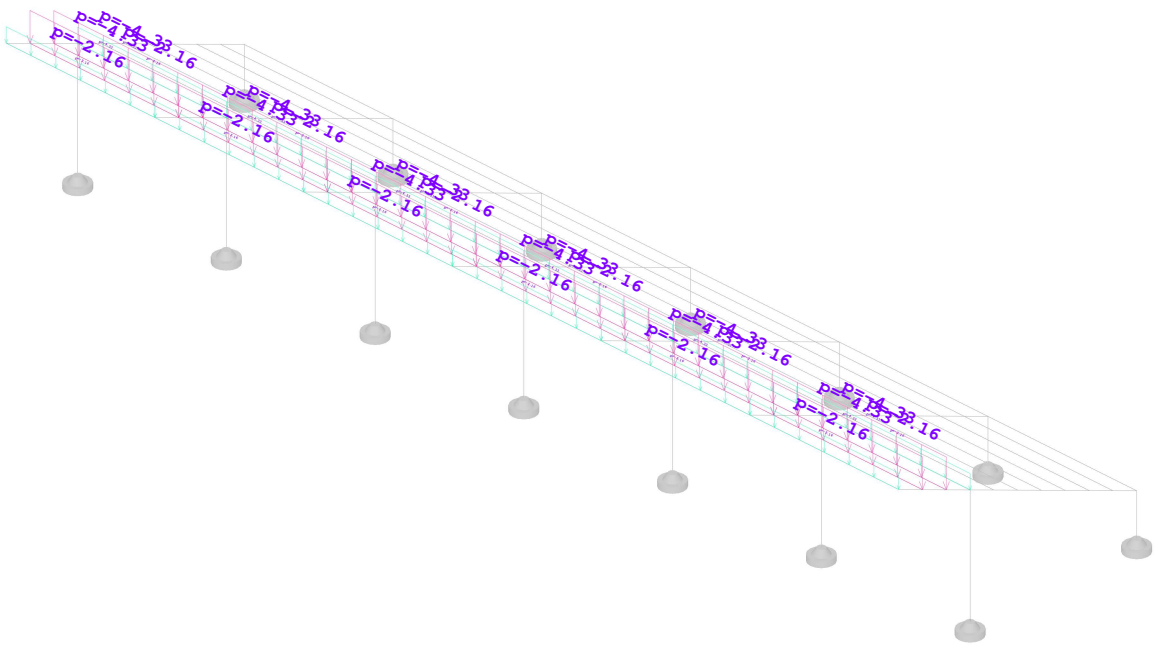
Seti numeričnih podatkov
Linijska obtežba (23,24)

Obt. 7: Tribuna ktg C5_ šah2



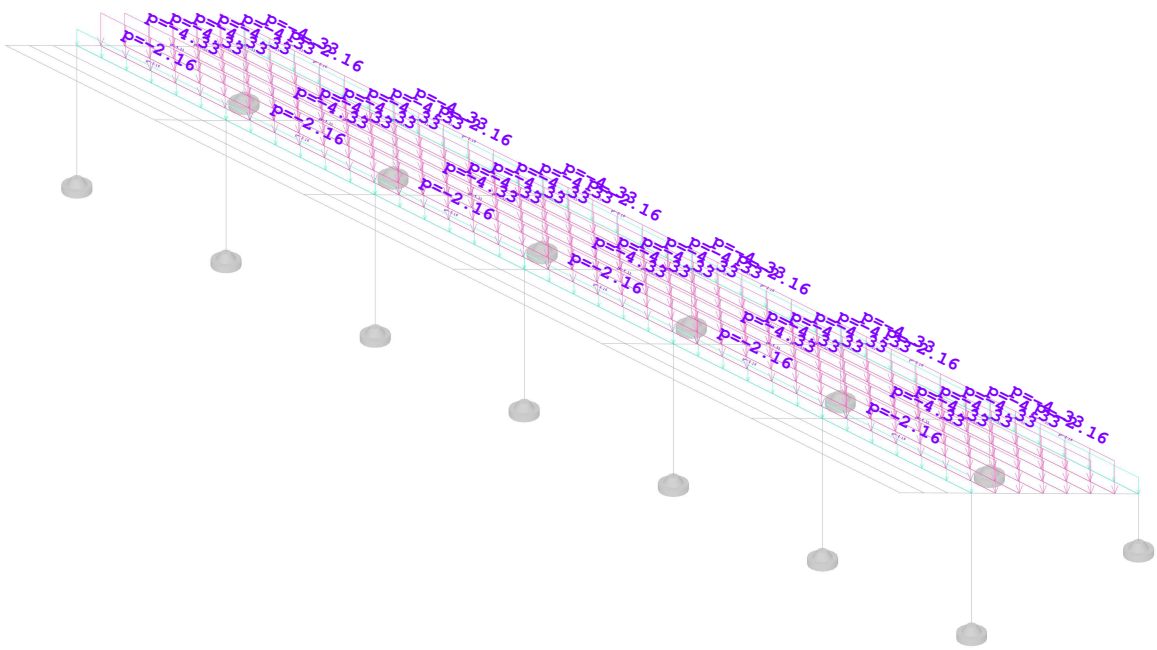
Seti numeričnih podatkov
Linijska obtežba (23,24)

Obt. 8: Tribuna ktg C5_ šah3



Seti numeričnih podatkov
Linijska obtežba (23,24)

Obt. 9: Tribuna ktg C5_ šah4



Seti numeričnih podatkov
Linijska obtežba (23,24)

Modalna analiza

Napredne opcije seizmičnega preračuna

Stebri - redukcija upogibne togosti:	0.500

Faktorji obtežb za preračun mas

No	Naziv	Koeficient
1	Lastna + stalna obtežba (g)	1.00
2	Sneg	0.00
3	Veter X smer	0.00
4	Veter Y smer	0.00
5	Tribuna ktg C5_ po celem	0.70
6	Tribuna ktg C5_ šah1	0.70
7	Tribuna ktg C5_ šah2	0.70
8	Tribuna ktg C5_ šah3	0.70
9	Tribuna ktg C5_ šah4	0.70

Razporeditev mas po višini objekta

Nivo	Z [m]	X [m]	Y [m]	Masa [T]	T/m²
tribuna +4.6	4.60	15.00	2.15	217.68	
tribuna +1.30	1.30	15.00	6.31	218.06	
temelji	0.00	15.00	3.88	7.01	
Skupno:	2.90	15.00	4.23	442.75	

Položaj centra togosti po višini objekta (približna metoda)

Nivo	Z [m]	X [m]	Y [m]
tribuna +4.6	4.60	15.00	0.00
tribuna +1.30	1.30	15.00	5.24
temelji	0.00	15.00	5.20

Ekscentriciteta po višini objekta (približna metoda)

Nivo	Z [m]	eox [m]	eoy [m]
tribuna +4.6	4.60	0.00	2.15
tribuna +1.30	1.30	0.00	1.07
temelji	0.00	0.00	1.32

Nihajne dobe konstrukcije

No	T [s]	f [Hz]
1	95.9772	0.0104
2	0.6505	1.5373
3	0.2671	3.7434
4	0.2424	4.1247
5	0.2236	4.4717
6	0.2086	4.7927
7	0.2030	4.9260
8	0.1783	5.6092
9	0.1707	5.8573
10	0.1542	6.4831

Nihajna oblika (Ton 1)

Vozlišče	x	y	z
1	0.00000	0.00000	-0.00000
2	-0.00000	-0.00000	-0.00000
3	-0.00000	-0.00000	-0.00000
4	0.00000	0.00000	-0.00000
5	-0.00000	0.00000	0.00000
6	0.00000	0.00000	0.00000
7	0.00000	0.00000	0.00000
8	0.00000	-0.00000	-0.00000
9	-0.00000	0.00000	0.00000
10	-0.00000	0.00000	0.00000
11	-0.00000	-0.00000	-0.00000
12	-0.00000	0.00000	0.00000
13	0.00000	0.00000	0.00000
14	0.00000	0.00000	-0.00000
15	-0.00000	0.00000	0.00000
16	0.00000	-0.00000	0.00000
17	-0.00000	0.00000	0.00000
18	0.00000	0.00000	0.00000
19	0.00000	0.00000	-0.00000
20	0.00000	0.00000	-0.00000
21	-0.00000	-0.00000	-0.00000
22	-0.00000	0.00000	-0.00000
23	-0.00000	0.00000	-0.00000
24	0.00000	0.00000	-0.00000
25	-0.00000	0.00000	-0.00000
26	-0.00000	0.00000	-0.00000
27	0.00000	0.00000	-0.00000
28	-0.00000	-0.00000	0.00000
29	-0.00000	-0.00000	0.00000
30	-0.00000	0.00000	0.00000
31	-0.00000	-0.00000	-0.00000
32	-0.00000	-0.00000	-0.00000
33	-0.00000	-0.00000	-0.00000
34	0.00000	-0.00000	-0.00000
35	0.00000	-0.00000	-0.00000
36	-0.00000	-0.00000	-0.00000
37	-0.00000	-0.00000	0.00000
38	0.00000	-0.00000	-0.00000
39	-0.00000	-0.00000	-0.00000
40	0.00000	-0.00000	0.00000
41	-0.00000	-0.00000	-0.00000
42	-0.00000	-0.00000	-0.00000
43	-0.00000	-0.00000	-0.00000
44	-0.00000	-0.00000	-0.00000
45	-0.00000	-0.00000	0.00000
46	0.00000	-0.00000	0.00000
47	0.00000	-0.00000	0.00000
48	-0.00000	-0.00000	0.00000
49	-0.00000	-0.00000	0.00000
50	-0.00000	-0.00000	0.00000
51	0.00000	-0.00000	0.00000
52	-0.00000	-0.00000	0.00000
53	-0.00000	-0.00000	-0.00000
54	-0.00000	0.00000	0.00000
55	-0.00000	0.00000	0.00000
56	-0.00000	-0.00000	0.00000
57	-0.00000	-0.00000	0.00000
58	-0.00000	-0.00000	-0.00000
59	-0.00000	-0.00000	0.00000
60	0.00000	-0.00000	-0.00000
61	-0.00000	-0.00000	-0.00000
62	0.00000	-0.00000	-0.00000
63	-0.00000	-0.00000	0.00000
64	-0.00000	-0.00000	-0.00000
65	0.00000	-0.00000	-0.00000
66	-0.00000	-0.00000	-0.00000
67	-0.00000	-0.00000	0.00000
68	-0.00000	0.00000	0.00000
69	-0.00000	0.00000	0.00000
70	-0.00000	0.00000	0.00000
71	-0.00000	0.00000	-0.00000
72	-0.00000	0.00000	-0.00000
73	0.00000	-0.00000	0.00000
74	0.00000	0.00000	-0.00000
75	0.00000	0.00000	-0.00000
76	-0.00000	-0.00000	-0.00000
77	0.00000	0.00000	-0.00000
78	0.00000	0.00000	-0.00000
79	-0.00000	0.00000	-0.00000
80	-0.00000	-0.00000	-0.00000
81	0.00000	0.00000	-0.00000
82	-0.00000	0.00000	-0.00000
83	-0.00000	0.00000	0.00000
84	0.00000	0.00000	0.00000
85	-0.00000	0.00000	0.00000
86	-0.00000	0.00000	0.00000
87	0.00000	0.00000	0.00000
88	-0.00000	0.00000	0.00000
89	-0.00000	0.00000	0.00000
90	-0.00000	0.00000	0.00000
91	-0.00000	0.00000	-0.00000

Nihajna oblika (Ton 2)

Vozlišče	x	y	z
1	-0.00000	0.00000	0.00000
2	-0.99981	0.03629	0.01245
3	-0.89536	0.03451	0.00813
4	-0.79064	0.03276	0.00393
5	-0.68739	0.03119	0.00025
6	-0.58860	0.03070	-0.00082
7	-0.49260	0.03122	0.00062
8	-0.00000	0.00000	0.00000
9	-0.39997	0.03202	0.00277
10	-0.31231	0.03252	0.00427
11	-0.00000	0.00000	-0.00000
12	-0.23167	0.03239	0.00430
13	-0.16036	0.03153	0.00267
14	-0.10112	0.03017	-0.00009
15	-0.99996	0.01138	0.00720
16	-0.89546	0.01030	0.00460
17	-0.79079	0.00928	0.00214
18	-0.68770	0.00841	0.00006
19	-0.58888	0.00788	-0.00117
20	-0.49274	0.00766	-0.00163
21	-0.00000	-0.00000	0.00000
22	-0.40002	0.00764	-0.00160
23	-0.31230	0.00774	-0.00129
24	-0.00000	0.00000	-0.00000

Nihajna oblika (Ton 2)

Vozlišče	x	y	z
25	-0.23162	0.00788	-0.00087
26	-0.16039	0.00802	-0.00044
27	-0.10166	0.00815	-0.00002
28	-1.00000	0.00147	0.00177
29	-0.89552	0.00121	0.00112
30	-0.79086	0.00095	0.00051
31	-0.68789	0.00074	0.00001
32	-0.58910	0.00059	-0.00034
33	-0.49286	0.00050	-0.00056
34	-0.00000	0.00000	0.00000
35	-0.40005	0.00046	-0.00063
36	-0.31226	0.00048	-0.00058
37	-0.00000	0.00000	-0.00000
38	-0.23154	0.00054	-0.00043
39	-0.16038	0.00062	-0.00023
40	-0.10216	0.00071	-0.00000
41	-1.00000	0.00000	0.00000
42	-0.89554	0.00000	0.00000
43	-0.79089	0.00000	0.00000
44	-0.68796	0.00000	0.00000
45	-0.58917	0.00000	-0.00000
46	-0.49290	0.00000	-0.00000
47	-0.00000	0.00000	-0.00000
48	-0.40006	0.00000	0.00000
49	-0.31224	0.00000	-0.00000
50	-0.00000	0.00000	-0.00000
51	-0.23151	0.00000	0.00000
52	-0.16039	0.00000	-0.00000
53	-0.10234	0.00000	0.00000
54	-1.00000	-0.00147	-0.00177
55	-0.89552	-0.00121	-0.00112
56	-0.79086	-0.00095	-0.00051
57	-0.68789	-0.00074	-0.00001
58	-0.58910	-0.00059	0.00034
59	-0.49286	-0.00050	0.00056
60	-0.00000	-0.00000	-0.00000
61	-0.40005	-0.00046	0.00063
62	-0.31226	-0.00048	0.00058
63	-0.00000	-0.00000	0.00000
64	-0.23154	-0.00054	0.00043
65	-0.16038	-0.00062	0.00023
66	-0.10216	-0.00071	0.00000
67	-0.99996	-0.01138	-0.00720
68	-0.89546	-0.01030	-0.00460
69	-0.79079	-0.00928	-0.00214
70	-0.68770	-0.00841	-0.00006
71	-0.58888	-0.00788	0.00117
72	-0.49274	-0.00766	0.00163
73	-0.00000	-0.00000	-0.00000
74	-0.40002	-0.00764	0.00160
75	-0.31230	-0.00774	0.00129
76	-0.00000	-0.00000	0.00000
77	-0.23162	-0.00788	0.00087
78	-0.16039	-0.00802	0.00044
79	-0.10166	-0.00815	0.00002
80	-0.99981	-0.03629	-0.01245
81	-0.89536	-0.03451	-0.00813
82	-0.79064	-0.03276	-0.00393
83	-0.68739	-0.03119	-0.00025
84	-0.58860	-0.03070	0.00082
85	-0.49260	-0.03122	-0.00062
86	-0.39997	-0.03202	-0.00277
87	-0.31231	-0.03252	-0.00427
88	-0.00000	-0.00000	0.00000
89	-0.23167	-0.03239	-0.00430
90	-0.16036	-0.03153	-0.00267
91	-0.10112	-0.03017	0.00009

Nihajna oblika (Ton 3)

Vozlišče	x	y	z
1	0.00000	-0.00000	0.00000
2	0.00876	0.19543	0.25992
3	0.00001	0.15567	0.16376
4	-0.00333	0.11841	0.07388
5	-0.00448	0.08823	0.00131
6	-0.00391	0.06710	-0.04874
7	-0.00208	0.05350	-0.08043
8	0.00000	-0.00000	0.00000
9	0.00000	0.04769	-0.09321
10	0.00178	0.04929	-0.08801
11	0.00000	0.00000	-0.00000
12	0.00263	0.05713	-0.06765
13	0.00141	0.06933	-0.03664
14	-0.00360	0.08363	-0.00048
15	0.00730	0.41808	0.62614
16	-0.00010	0.32288	0.39540
17	-0.00272	0.23352	0.17900
18	-0.00369	0.16078	0.00310
19	-0.00326	0.10856	-0.12160
20	-0.00172	0.07328	-0.20501
21	0.00000	-0.00000	0.00000
22	0.00001	0.05698	-0.24216
23	0.00149	0.05986	-0.23258
24	0.00000	0.00000	-0.00000
25	0.00222	0.07976	-0.18148
26	0.00127	0.11230	-0.09951
27	-0.00309	0.15147	-0.00124
28	0.00413	0.58769	0.90090
29	-0.00007	0.45069	0.56889
30	-0.00153	0.32211	0.25754
31	-0.00208	0.21741	0.00435
32	-0.00185	0.14178	-0.17626
33	-0.00098	0.09014	-0.29839
34	0.00000	-0.00000	0.00000
35	0.00001	0.06595	-0.35370
36	0.00085	0.06981	-0.34066
37	0.00000	0.00000	-0.00000
38	0.00128	0.09881	-0.26638
39	0.00075	0.14660	-0.14627
40	-0.00180	0.20433	-0.00176
41	-0.00000	0.64952	1.00000
42	-0.00000	0.49744	0.63144
43	0.00000	0.35471	0.28584
44	0.00000	0.23850	0.00480
45	0.00000	0.15446	-0.19588
46	0.00000	0.09699	-0.33185
47	-0.00000	-0.00000	0.00000
48	0.00000	0.06999	-0.39360
49	0.00000	0.07423	-0.37928
50	-0.00000	0.00000	-0.00000
51	0.00000	0.10649	-0.29669
52	0.00000	0.15972	-0.16294
53	0.00000	0.22407	-0.00195
54	-0.00413	0.58769	0.90090
55	0.00007	0.45069	0.56889
56	0.00153	0.32211	0.25754
57	0.00208	0.21741	0.00435
58	0.00185	0.14178	-0.17626
59	0.00098	0.09014	-0.29839
60	-0.00000	-0.00000	0.00000
61	-0.00001	0.06595	-0.35370
62	-0.00085	0.06981	-0.34066
63	-0.00000	0.00000	-0.00000
64	-0.00128	0.09881	-0.26638
65	-0.00075	0.14660	-0.14627
66	0.00180	0.20433	-0.00176
67	-0.00730	0.41808	0.62614
68	0.00010	0.32288	0.39540
69	0.00272	0.23352	0.17900
70	0.00369	0.16078	0.00310
71	0.00326	0.10856	-0.12160
72	0.00172	0.07328	-0.20501
73	-0.00000	-0.00000	0.00000
74	-0.00001	0.05698	-0.24216
75	-0.00149	0.05986	-0.23258
76	-0.00000	0.00000	-0.00000
77	-0.00222	0.07976	-0.18148
78	-0.00127	0.11230	-0.09951
79	0.00309	0.15147	-0.00124
80	-0.00876	0.19543	0.25992
81	-0.00001	0.15567	0.16376
82	0.00333	0.11841	0.07388
83	0.00448	0.08823	0.00131
84	0.00391	0.06710	-0.04874
85	0.00208	0.05350	-0.08043
86	-0.00000	0.04769	-0.09321
87	-0.00178	0.04929	-0.08801
88	-0.00000	0.00000	-0.00000
89	-0.00263	0.05713	-0.06765
90	-0.00141	0.06933	-0.03664
91	0.00360	0.08363	-0.00048

Nihajna oblika (Ton 4)

Vozlišče	x	y	z
1	-0.00000	0.00000	-0.00000
2	0.01671	-0.45768	-0.65483
3	0.00975	-0.35762	-0.41285
4	-0.00010	-0.26379	-0.18650
5	-0.00772	-0.18756	-0.00323
6	-0.01257	-0.13325	0.12542
7	-0.01507	-0.09708	0.20993
8	-0.00000	0.00000	-0.00000
9	-0.01566	-0.08072	0.24639
10	-0.01525	-0.08399	0.23526
11	-0.00000	-0.00000	0.00000
12	-0.01470	-0.10440	0.18256
13	-0.01416	-0.13726	0.09959
14	-0.01191	-0.17640	0.00123
15	0.01999	-0.59693	-1.00000
16	0.00885	-0.44545	-0.63242
17	-0.00151	-0.30312	-0.28689
18	-0.00901	-0.18673	-0.00435
19	-0.01355	-0.10046	0.20282
20	-0.01558	-0.03922	0.34895
21	0.00000	0.00000	-0.00000
22	-0.01568	-0.00905	0.41931
23	-0.01476	-0.01223	0.40835
24	-0.00000	-0.00000	0.00000
25	-0.01370	-0.04627	0.32207
26	-0.01316	-0.10403	0.17788
27	-0.01289	-0.17477	0.00197
28	0.02509	-0.43940	-0.76939
29	0.00720	-0.32287	-0.48665
30	-0.00361	-0.21336	-0.22083
31	-0.01090	-0.12367	-0.00314
32	-0.01506	-0.05640	0.15840
33	-0.01633	-0.00782	0.27441
34	0.00000	0.00000	0.00000
35	-0.01570	0.01662	0.33161
36	-0.01398	0.01461	0.32436
37	-0.00000	-0.00000	0.00000
38	-0.01211	-0.01221	0.25667
39	-0.01142	-0.05829	0.14205
40	-0.01448	-0.11500	0.00149
41	0.02748	0.00000	0.00000
42	0.00641	0.00000	0.00000
43	-0.00459	0.00000	0.00000
44	-0.01178	0.00000	0.00000
45	-0.01576	0.00000	-0.00000
46	-0.01669	-0.00000	-0.00000
47	0.00000	-0.00000	0.00000
48	-0.01570	-0.00000	-0.00000
49	-0.01361	-0.00000	-0.00000
50	-0.00000	0.00000	-0.00000
51	-0.01136	-0.00000	-0.00000
52	-0.01059	0.00000	-0.00000
53	-0.01524	0.00000	-0.00000
54	0.02509	0.43940	0.76939
55	0.00720	0.32287	0.48665
56	-0.00361	0.21336	0.22083
57	-0.01090	0.12367	0.00314
58	-0.01506	0.05640	-0.15840
59	-0.01633	0.00782	-0.27441
60	-0.00000	-0.00000	0.00000
61	-0.01570	-0.01662	-0.33161
62	-0.01398	-0.01461	-0.32436
63	-0.00000	0.00000	-0.00000
64	-0.01211	0.01221	-0.25667
65	-0.01142	0.05829	-0.14205
66	-0.01448	0.11500	-0.00149
67	0.01999	0.59693	1.00000
68	0.00885	0.44545	0.63242
69	-0.00151	0.30312	0.28689

Nihajna oblika (Ton 4)

Vozlišče	x	y	z
70	-0.00901	0.18673	0.00435
71	-0.01355	0.10046	-0.20282
72	-0.01558	0.03922	-0.34895
73	-0.00000	-0.00000	0.00000
74	-0.01568	0.00905	-0.41931
75	-0.01476	0.01223	-0.40835
76	-0.00000	0.00000	-0.00000
77	-0.01370	0.04627	-0.32207
78	-0.01316	0.10403	-0.17788
79	-0.01289	0.17477	-0.00197
80	0.01671	0.45768	0.65483
81	0.00975	0.35762	0.41285
82	-0.00010	0.26379	0.18650
83	-0.00772	0.18756	0.00323
84	-0.01257	0.13325	-0.12542
85	-0.01507	0.09708	-0.20993
86	-0.01566	0.08072	-0.24639
87	-0.01525	0.08399	-0.23526
88	-0.00000	0.00000	-0.00000
89	-0.01470	0.10440	-0.18256
90	-0.01416	0.13726	-0.09959
91	-0.01191	0.17640	-0.00123

Nihajna oblika (Ton 5)

Vozlišče	x	y	z
1	0.00000	0.00000	0.00000
2	-0.00470	0.40523	0.22279
3	0.00341	0.37168	0.14169
4	0.00568	0.33994	0.06539
5	0.00296	0.31397	0.00352
6	0.00105	0.30299	-0.02128
7	0.00118	0.30457	-0.01508
8	0.00000	0.00000	0.00000
9	0.00119	0.31077	0.00287
10	0.00028	0.31568	0.01829
11	0.00000	0.00000	-0.00000
12	-0.00198	0.31587	0.02289
13	-0.00677	0.31063	0.01493
14	-0.01662	0.30189	-0.00101
15	-0.00483	0.43212	-0.15052
16	0.00335	0.45432	-0.09640
17	0.00514	0.47544	-0.04409
18	0.00261	0.49536	0.00615
19	0.00091	0.53206	0.09750
20	0.00103	0.58051	0.21827
21	0.00000	0.00000	0.00000
22	0.00100	0.61747	0.31220
23	0.00019	0.62728	0.34128
24	0.00000	0.00000	-0.00000
25	-0.00175	0.60353	0.28996
26	-0.00576	0.54955	0.16631
27	-0.01380	0.47733	-0.00061
28	-0.00344	0.35616	-0.65163
29	0.00228	0.45339	-0.41502
30	0.00321	0.54544	-0.18967
31	0.00164	0.62516	0.00706
32	0.00060	0.71663	0.23183
33	0.00063	0.81429	0.47275
34	0.00000	0.00000	0.00000
35	0.00057	0.88153	0.64107
36	0.00006	0.89443	0.67877
37	0.00000	0.00000	0.00000
38	-0.00110	0.84471	0.56577
39	-0.00342	0.74041	0.32154
40	-0.00781	0.60375	0.00003
41	-0.00000	0.30154	-0.89282
42	-0.00000	0.43501	-0.56814
43	-0.00000	0.56123	-0.25948
44	0.00000	0.66954	0.00716
45	0.00000	0.78617	0.29309
46	0.00000	0.90568	0.58719
47	-0.00000	0.00000	0.00000
48	0.00000	0.98603	0.78752
49	0.00000	1.00000	0.82807
50	-0.00000	0.00000	0.00000
51	0.00000	0.93872	0.68730
52	0.00000	0.81233	0.38983
53	0.00000	0.64749	0.00038
54	0.00344	0.35616	-0.65163
55	-0.00228	0.45339	-0.41502
56	-0.00321	0.54544	-0.18967
57	-0.00164	0.62516	0.00706
58	-0.00060	0.71663	0.23183
59	-0.00063	0.81429	0.47275
60	-0.00000	0.00000	0.00000
61	-0.00057	0.88153	0.64107
62	-0.00006	0.89443	0.67877
63	-0.00000	0.00000	0.00000
64	0.00110	0.84471	0.56577
65	0.00342	0.74041	0.32154
66	0.00781	0.60375	0.00003
67	0.00483	0.43212	-0.15052
68	-0.00335	0.45432	-0.09640
69	-0.00514	0.47544	-0.04409
70	-0.00261	0.49536	0.00615
71	-0.00091	0.53206	0.09750
72	-0.00103	0.58051	0.21827
73	-0.00000	0.00000	0.00000
74	-0.00100	0.61747	0.31220
75	-0.00019	0.62728	0.34128
76	-0.00000	0.00000	-0.00000
77	0.00175	0.60353	0.28996
78	0.00576	0.54955	0.16631
79	0.01380	0.47733	-0.00061
80	0.00470	0.40523	0.22279
81	-0.00341	0.37168	0.14169
82	-0.00568	0.33994	0.06539
83	-0.00296	0.31397	0.00352
84	-0.00105	0.30299	-0.02128
85	-0.00118	0.30457	-0.01508
86	-0.00119	0.31077	0.00287
87	-0.00028	0.31568	0.01829
88	-0.00000	0.00000	-0.00000
89	0.00198	0.31587	0.02289
90	0.00677	0.31063	0.01493
91	0.01662	0.30189	-0.00101

Nihajna oblika (Ton 6)

Vozlišče	x	y	z
1	-0.00000	-0.00000	0.00000
2	-0.01012	0.56525	1.00000
3	-0.00143	0.41272	0.63078
4	0.00351	0.26968	0.28505
5	0.00571	0.15316	0.00390
6	0.00515	0.06605	-0.20371
7	0.00260	0.00323	-0.35237
8	-0.00000	-0.00000	0.00000
9	-0.00026	-0.02829	-0.42520
10	-0.00251	-0.02561	-0.41520
11	-0.00000	0.00000	-0.00000
12	-0.00311	0.00902	-0.32781
13	-0.00042	0.06826	-0.18085
14	0.00674	0.14073	-0.00172
15	-0.01149	0.39421	0.85019
16	0.00035	0.26700	0.54045
17	0.00409	0.14686	0.24696
18	0.00561	0.04690	0.00204
19	0.00501	-0.03345	-0.19352
20	0.00257	-0.09640	-0.34656
21	-0.00000	0.00000	-0.00000
22	-0.00015	-0.13085	-0.42991
23	-0.00242	-0.13078	-0.42888
24	-0.00000	0.00000	-0.00000
25	-0.00346	-0.09651	-0.34422
26	-0.00168	-0.03466	-0.19218
27	0.00609	0.04295	-0.00171
28	-0.00946	-0.16065	-0.18169
29	0.00169	-0.13320	-0.11498
30	0.00344	-0.10741	-0.05226
31	0.00397	-0.08658	-0.00164
32	0.00349	-0.07361	0.02938
33	0.00184	-0.06684	0.04517
34	0.00000	0.00000	-0.00000
35	-0.00001	-0.06491	0.04897
36	-0.00167	-0.06655	0.04382
37	0.00000	-0.00000	0.00000
38	-0.00276	-0.07062	0.03251
39	-0.00219	-0.07614	0.01744
40	0.00392	-0.08236	0.00050
41	-0.00000	-0.49885	-0.84877
42	-0.00000	-0.37158	-0.53909
43	-0.00000	-0.25149	-0.24623
44	0.00000	-0.15221	-0.00368
45	0.00000	-0.07732	0.17772
46	0.00000	-0.02311	0.30845
47	0.00000	0.00000	-0.00000
48	0.00000	0.00426	0.37340
49	0.00000	0.00215	0.36600
50	-0.00000	-0.00000	0.00000
51	0.00000	-0.02776	0.29039
52	0.00000	-0.07945	0.16130
53	0.00000	-0.14349	0.00191
54	0.00946	-0.16065	-0.18169
55	-0.00169	-0.13320	-0.11498
56	-0.00344	-0.10741	-0.05226
57	-0.00397	-0.08658	-0.00164
58	-0.00349	-0.07361	0.02938
59	-0.00184	-0.06684	0.04517
60	0.00000	-0.00000	0.00000
61	0.00001	-0.06491	0.04897
62	0.00167	-0.06655	0.04382
63	-0.00000	-0.00000	0.00000
64	0.00276	-0.07062	0.03251
65	0.00219	-0.07614	0.01744
66	-0.00392	-0.08236	0.00050
67	0.01149	0.39421	0.85019
68	-0.00035	0.26700	0.54045
69	-0.00409	0.14686	0.24696
70	-0.00561	0.04690	0.00204
71	-0.00501	-0.03345	-0.19352
72	-0.00257	-0.09640	-0.34656
73	0.00000	-0.00000	0.00000
74	0.00015	-0.13085	-0.42991
75	0.00242	-0.13078	-0.42888
76	0.00000	0.00000	-0.00000
77	0.00346	-0.09651	-0.34422
78	0.00168	-0.03466	-0.19218
79	-0.00609	0.04295	-0.00171
80	0.01012	0.56525	1.00000
81	0.00143	0.41272	0.63078
82	-0.00351	0.26968	0.28505
83	-0.00571	0.15316	0.00390
84	-0.00515	0.06605	-0.20371
85	-0.00260	0.00323	-0.35237
86	0.00026	-0.02829	-0.42520
87	0.00251	-0.02561	-0.41520
88	0.00000	0.00000	-0.00000
89	0.00311	0.00902	-0.32781
90	0.00042	0.06826	-0.18085
91	-0.00674	0.14073	-0.00172

Nihajna oblika (Ton 7)

Vozlišče	x	y	z
1	-0.00000	-0.00000	-0.00000
2	0.09920	-1.00000	-0.57380
3	0.04584	-0.91360	-0.36466
4	0.00437	-0.83190	-0.16785
5	-0.02724	-0.76550	-0.00932
6	-0.05166	-0.73765	0.05375
7	-0.06867	-0.74129	0.03901
8	-0.00000	-0.00000	-0.00000
9	-0.07755	-0.75648	-0.00525
10	-0.07983	-0.76856	-0.04356
11	-0.00000	-0.00000	0.00000
12	-0.07772	-0.76907	-0.05545

Nihajna oblika (Ton 7)

Vozlišče	x	y	z
13	-0.07303	-0.75624	-0.03646
14	-0.06591	-0.73460	0.00256
15	0.09681	-0.55240	0.30127
16	0.04716	-0.59496	0.19718
17	0.00646	-0.63652	0.09398
18	-0.02646	-0.67790	-0.01018
19	-0.05147	-0.74658	-0.18127
20	-0.06826	-0.83211	-0.39441
21	0.00000	-0.00000	-0.00000
22	-0.07720	-0.89596	-0.55611
23	-0.07978	-0.91213	-0.60327
24	-0.00000	-0.00000	0.00000
25	-0.07807	-0.87023	-0.51064
26	-0.07437	-0.77628	-0.29285
27	-0.07148	-0.65078	0.00029
28	0.09127	-0.14415	0.65781
29	0.05040	-0.24024	0.42335
30	0.01028	-0.33228	0.19717
31	-0.02506	-0.41431	-0.00590
32	-0.05104	-0.50504	-0.22957
33	-0.06745	-0.59788	-0.45896
34	0.00000	0.00000	0.00000
35	-0.07650	-0.66038	-0.61517
36	-0.07968	-0.67139	-0.64688
37	0.00000	-0.00000	-0.00000
38	-0.07872	-0.62399	-0.53721
39	-0.07661	-0.52597	-0.30520
40	-0.07941	-0.39785	-0.00077
41	0.08800	-0.00000	-0.00000
42	0.05233	-0.00000	-0.00000
43	0.01233	-0.00000	-0.00000
44	-0.02426	-0.00000	-0.00000
45	-0.05076	0.00000	0.00000
46	-0.06701	0.00000	0.00000
47	0.00000	0.00000	0.00000
48	-0.07617	0.00000	0.00000
49	-0.07967	0.00000	0.00000
50	0.00000	0.00000	-0.00000
51	-0.07912	0.00000	0.00000
52	-0.07780	0.00000	0.00000
53	-0.08307	-0.00000	0.00000
54	0.09127	0.14415	-0.65781
55	0.05040	0.24024	-0.42335
56	0.01028	0.33228	-0.19717
57	-0.02506	0.41431	0.00590
58	-0.05104	0.50504	0.22957
59	-0.06745	0.59788	0.45896
60	-0.00000	0.00000	0.00000
61	-0.07650	0.66038	0.61517
62	-0.07968	0.67139	0.64688
63	0.00000	0.00000	0.00000
64	-0.07872	0.62399	0.53721
65	-0.07661	0.52597	0.30520
66	-0.07941	0.39785	0.00077
67	0.09681	0.55240	-0.30127
68	0.04716	0.59496	-0.19718
69	0.00646	0.63652	-0.09398
70	-0.02646	0.67790	0.01018
71	-0.05147	0.74658	0.18127
72	-0.06826	0.83211	0.39441
73	-0.00000	0.00000	0.00000
74	-0.07720	0.89596	0.55611
75	-0.07978	0.91213	0.60327
76	-0.00000	0.00000	-0.00000
77	-0.07807	0.87023	0.51064
78	-0.07437	0.77628	0.29285
79	-0.07148	0.65078	-0.00029
80	0.09920	1.00000	0.57380
81	0.04584	0.91360	0.36466
82	0.00437	0.83190	0.16785
83	-0.02724	0.76550	0.00932
84	-0.05166	0.73765	-0.05375
85	-0.06867	0.74129	-0.03901
86	-0.07755	0.75648	0.00525
87	-0.07983	0.76856	0.04356
88	-0.00000	0.00000	-0.00000
89	-0.07772	0.76907	0.05545
90	-0.07303	0.75624	0.03646
91	-0.06591	0.73460	-0.00256

Nihajna oblika (Ton 8)

Vozlišče	x	y	z
1	0.00000	0.00000	-0.00000
2	0.04287	-0.42288	-1.00000
3	0.01227	-0.27162	-0.63309
4	-0.00566	-0.12924	-0.28759
5	-0.01471	-0.01175	-0.00241
6	-0.01729	0.08246	0.22411
7	-0.01508	0.15676	0.40239
8	0.00000	0.00000	0.00000
9	-0.00974	0.19785	0.50015
10	-0.00298	0.19834	0.49956
11	0.00000	-0.00000	0.00000
12	0.00308	0.15843	0.40106
13	0.00565	0.08592	0.22366
14	0.00116	-0.00503	0.00168
15	0.04114	0.00012	-0.17875
16	0.01221	0.02570	-0.11588
17	-0.00481	0.05040	-0.05443
18	-0.01371	0.07272	0.00171
19	-0.01658	0.09705	0.06271
20	-0.01486	0.12118	0.12322
21	-0.00000	-0.00000	0.00000
22	-0.00989	0.13694	0.16327
23	-0.00345	0.13920	0.17029
24	-0.00000	0.00000	0.00000
25	0.00239	0.12648	0.14061
26	0.00543	0.10097	0.07963
27	0.00244	0.06793	0.00036
28	0.03507	0.33093	0.58723
29	0.01421	0.24419	0.37518
30	-0.00241	0.16187	0.17281
31	-0.01147	0.09282	0.00218
32	-0.01478	0.03896	-0.13026
33	-0.01401	-0.00137	-0.22936
34	-0.00000	0.00000	0.00000
35	-0.00995	-0.02251	-0.28098
36	-0.00445	-0.02163	-0.27808
37	-0.00000	0.00000	-0.00000
38	0.00042	0.00055	-0.22239
39	0.00333	0.03983	-0.12435
40	0.00487	0.08915	-0.00155
41	0.03056	-0.00000	-0.00000
42	0.01608	-0.00000	-0.00000
43	-0.00073	-0.00000	-0.00000
44	-0.01002	-0.00000	-0.00000
45	-0.01356	0.00000	0.00000
46	-0.01335	0.00000	0.00000
47	-0.00000	0.00000	-0.00000
48	-0.00989	0.00000	0.00000
49	-0.00506	0.00000	0.00000
50	0.00000	0.00000	-0.00000
51	-0.00095	0.00000	0.00000
52	0.00152	0.00000	0.00000
53	0.00619	-0.00000	-0.00000
54	0.03507	-0.33093	-0.58723
55	0.01421	-0.24419	-0.37518
56	-0.00241	-0.16187	-0.17281
57	-0.01147	-0.09282	-0.00218
58	-0.01478	-0.03896	0.13026
59	-0.01401	0.00137	0.22936
60	0.00000	-0.00000	-0.00000
61	-0.00995	0.02251	0.28098
62	-0.00445	0.02163	0.27808
63	-0.00000	-0.00000	0.00000
64	0.00042	-0.00055	0.22239
65	0.00333	-0.03983	0.12435
66	0.00487	-0.08915	0.00155
67	0.04114	-0.00012	0.17875
68	0.01221	-0.02570	0.11588
69	-0.00481	-0.05040	0.05443
70	-0.01371	-0.07272	-0.00171
71	-0.01658	-0.09705	-0.06271
72	-0.01486	-0.12118	-0.12322
73	0.00000	-0.00000	0.00000
74	-0.00989	-0.13694	-0.16327
75	-0.00345	-0.13920	-0.17029
76	-0.00000	-0.00000	-0.00000
77	0.00239	-0.12648	-0.14061
78	0.00543	-0.10097	-0.07963
79	0.00244	-0.06793	-0.00036
80	0.04287	0.42288	1.00000
81	0.01227	0.27162	0.63309
82	-0.00566	0.12924	0.28759
83	-0.01471	0.01175	0.00241
84	-0.01729	-0.08246	-0.22411
85	-0.01508	-0.15676	-0.40239
86	-0.00974	-0.19785	-0.50015
87	-0.00298	-0.19834	-0.49956
88	0.00000	0.00000	-0.00000
89	0.00308	-0.15843	-0.40106
90	0.00565	-0.08592	-0.22366
91	0.00116	0.00503	-0.00168

Nihajna oblika (Ton 9)

Vozlišče	x	y	z
1	0.00000	-0.00000	-0.00000
2	0.02503	-1.00000	-0.72543
3	0.00391	-0.88953	-0.45754
4	-0.00480	-0.78604	-0.20722
5	-0.01202	-0.70423	-0.01033
6	-0.01292	-0.66722	0.07560
7	-0.00686	-0.66527	0.07522
8	0.00000	-0.00000	-0.00000
9	0.00067	-0.67856	0.03628
10	0.00650	-0.69202	-0.00483
11	0.00000	-0.00000	0.00000
12	0.00750	-0.69651	-0.02598
13	-0.00196	-0.68945	-0.02070
14	-0.03017	-0.67443	0.00255
15	0.01819	-0.18641	0.22921
16	0.00433	-0.21603	0.15599
17	-0.00241	-0.24653	0.07912
18	-0.00937	-0.28065	-0.00764
19	-0.01037	-0.33470	-0.14368
20	-0.00500	-0.39804	-0.30256
21	0.00000	0.00000	0.00000
22	0.00106	-0.44417	-0.41959
23	0.00542	-0.45527	-0.45123
24	0.00000	-0.00000	-0.00000
25	0.00580	-0.42436	-0.38049
26	-0.00235	-0.35592	-0.21845
27	-0.02783	-0.26449	-0.00081
28	0.00750	0.23327	0.19245
29	0.00392	0.20301	0.11877
30	0.00004	0.17539	0.05149
31	-0.00472	0.15594	0.00421
32	-0.00536	0.15237	-0.00359
33	-0.00211	0.15931	0.01447
34	-0.00000	0.00000	0.00000
35	0.00108	0.16842	0.03826
36	0.00301	0.17358	0.05292
37	0.00000	0.00000	-0.00000
38	0.00269	0.17150	0.05047
39	-0.00246	0.16206	0.03053
40	-0.01811	0.14793	-0.00043
41	-0.00000	0.24581	-0.24558
42	-0.00000	0.27523	-0.17221
43	-0.00000	0.30710	-0.09091
44	0.00000	0.34672	0.01049
45	0.00000	0.41578	0.18447
46	0.00000	0.49875	0.39248
47	-0.00000	0.00000	0.00000
48	0.00000	0.55998	0.54756
49	0.00000	0.57525	0.59072
50	0.00000	0.00000	0.00000
51	0.00000	0.53503	0.49876
52	0.00000	0.44530	0.28636
53	0.00000	0.32543	0.00105
54	-0.00750	0.23327	0.19245
55	-0.00392	0.20301	0.11877
56	-0.00004	0.17539	0.05149
57	0.00472	0.15594	0.00421

Nihajna oblika (Ton 9)

Vozlišče	x	y	z
58	0.00536	0.15237	-0.00359
59	0.00211	0.15931	0.01447
60	-0.00000	-0.00000	-0.00000
61	-0.00108	0.16842	0.03826
62	-0.00301	0.17358	0.05292
63	-0.00000	0.00000	-0.00000
64	-0.00269	0.17150	0.05047
65	0.00246	0.16206	0.03053
66	0.01811	0.14793	-0.00043
67	-0.01819	-0.18641	0.22921
68	-0.00433	-0.21603	0.15599
69	0.00241	-0.24653	0.07912
70	0.00937	-0.28065	-0.00764
71	0.01037	-0.33470	-0.14368
72	0.00500	-0.39804	-0.30256
73	-0.00000	-0.00000	-0.00000
74	-0.00106	-0.44417	-0.41959
75	-0.00542	-0.45527	-0.45123
76	-0.00000	-0.00000	-0.00000
77	-0.00580	-0.42436	-0.38049
78	0.00235	-0.35592	-0.21845
79	0.02783	-0.26449	-0.00081
80	-0.02503	-1.00000	-0.72543
81	-0.00391	-0.88953	-0.45754
82	0.00480	-0.78604	-0.20722
83	0.01202	-0.70423	-0.01033
84	0.01292	-0.66722	0.07560
85	0.00686	-0.66527	0.07522
86	-0.00067	-0.67856	0.03628
87	-0.00650	-0.69202	-0.00483
88	-0.00000	-0.00000	0.00000
89	-0.00750	-0.69651	-0.02598
90	0.00196	-0.68945	-0.02070
91	0.03017	-0.67443	0.00255

Nihajna oblika (Ton 10)

Vozlišče	x	y	z
1	0.00000	-0.00000	-0.00000
2	-0.01825	0.27874	1.00000
3	0.00446	0.12931	0.63639
4	0.01034	-0.01206	0.29127
5	0.00921	-0.13100	-0.00016
6	0.00676	-0.23493	-0.25337
7	0.00432	-0.32409	-0.47081
8	0.00000	0.00000	-0.00000
9	0.00138	-0.37708	-0.60041
10	-0.00216	-0.38107	-0.61089
11	0.00000	-0.00000	-0.00000
12	-0.00600	-0.33380	-0.49687
13	-0.00938	-0.24391	-0.27936
14	-0.00985	-0.12914	-0.00170
15	-0.01169	-0.20859	-0.27799
16	0.00241	-0.16868	-0.17993
17	0.00717	-0.13022	-0.08469
18	0.00644	-0.09692	-0.00182
19	0.00467	-0.07165	0.06067
20	0.00311	-0.05370	0.10488
21	0.00000	0.00000	0.00000
22	0.00109	-0.04460	0.12685
23	-0.00138	-0.04511	0.12466
24	0.00000	-0.00000	0.00000
25	-0.00397	-0.05474	0.09954
26	-0.00648	-0.07171	0.05595
27	-0.00890	-0.09320	0.00105
28	-0.00215	-0.06054	-0.18649
29	-0.00078	-0.03539	-0.12423
30	0.00245	-0.01021	-0.06101
31	0.00236	0.01462	0.00188
32	0.00153	0.04269	0.07269
33	0.00111	0.07029	0.14209
34	0.00000	-0.00000	0.00000
35	0.00048	0.08851	0.18815
36	-0.00031	0.09159	0.19665
37	0.00000	0.00000	0.00000
38	-0.00096	0.07768	0.16308
39	-0.00162	0.04901	0.09304
40	-0.00600	0.01135	0.00090
41	0.00000	0.33787	0.59044
42	0.00000	0.25177	0.37869
43	0.00000	0.16980	0.17510
44	-0.00000	0.10086	0.00225
45	-0.00000	0.04741	-0.13174
46	-0.00000	0.00792	-0.23104
47	-0.00000	0.00000	0.00000
48	-0.00000	-0.01227	-0.28200
49	-0.00000	-0.01078	-0.27842
50	-0.00000	0.00000	-0.00000
51	-0.00000	0.01145	-0.22257
52	-0.00000	0.05035	-0.12473
53	-0.00000	0.09929	-0.00182
54	0.00215	-0.06054	-0.18649
55	0.00078	-0.03539	-0.12423
56	-0.00245	-0.01021	-0.06101
57	-0.00236	0.01462	0.00188
58	-0.00153	0.04269	0.07269
59	-0.00111	0.07029	0.14209
60	-0.00000	0.00000	-0.00000
61	-0.00048	0.08851	0.18815
62	0.00031	0.09159	0.19665
63	-0.00000	0.00000	0.00000
64	0.00096	0.07768	0.16308
65	0.00162	0.04901	0.09304
66	0.00600	0.01135	0.00090
67	0.01169	-0.20859	-0.27799
68	-0.00241	-0.16868	-0.17993
69	-0.00717	-0.13022	-0.08469
70	-0.00644	-0.09692	-0.00182
71	-0.00467	-0.07165	0.06067
72	-0.00311	-0.05370	0.10488
73	-0.00000	-0.00000	-0.00000
74	-0.00109	-0.04460	0.12685
75	0.00138	-0.04511	0.12466
76	-0.00000	-0.00000	0.00000
77	0.00397	-0.05474	0.09954
78	0.00648	-0.07171	0.05595
79	0.00890	-0.09320	0.00105
80	0.01825	0.27874	1.00000
81	-0.00446	0.12931	0.63639
82	-0.01034	-0.01206	0.29127
83	-0.00921	-0.13100	-0.00016
84	-0.00676	-0.23493	-0.25337
85	-0.00432	-0.32409	-0.47081
86	-0.00138	-0.37708	-0.60041
87	0.00216	-0.38107	-0.61089
88	-0.00000	-0.00000	-0.00000
89	0.00600	-0.33380	-0.49687
90	0.00938	-0.24391	-0.27936
91	0.00985	-0.12914	-0.00170

Seizmični preračun

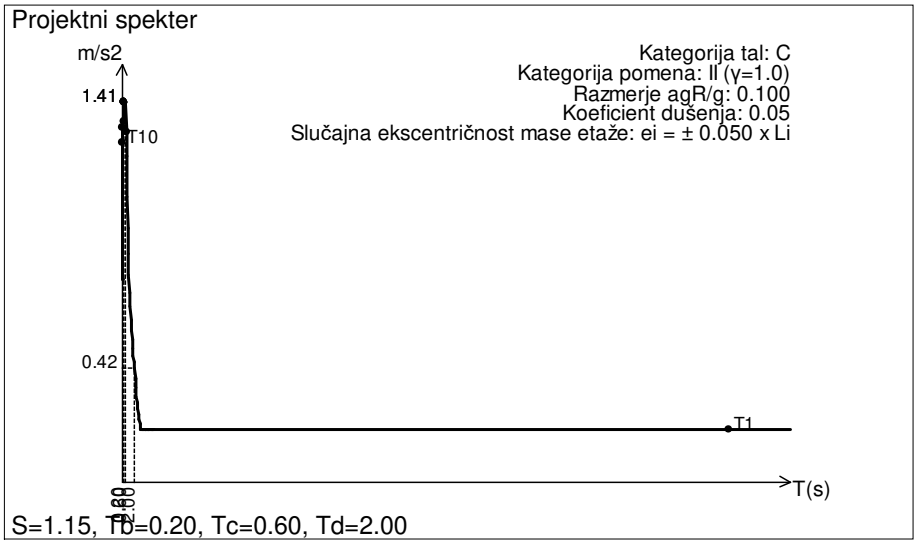
Seizmični preračun: EC8 (SIST EN 1998)	
Kategorija tal:	C
Kategorija pomena:	II (γ=1.0)
Razmerje agR/g:	0.100
Koeficient dušenja:	0.05
Slučajna ekscentričnost mase etaže:	ei = ± 0.050 x Li

Faktorji smeri potresa:

Obtežni primer	Kot α[°]	k,α	k,α+90°	kz	Faktor O.
Potres X smer	0	1.000	0.000	0.000	2.000
Potres Y smer	90	1.000	0.000	0.000	2.000

Tip spektra

Obtežni primer	S	Tb	Tc	Td	avg/ag
Potres X smer	1.150	0.200	0.600	2.000	1.000
Potres Y smer	1.150	0.200	0.600	2.000	1.000



Razporeditev potresnih sil po višini objekta - Potres X smer (+e)

Nivo	Z [m]	Ton 1			Ton 2			Ton 3		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
tribuna +4.6	4.60	0.21	-0.12	0.07	341.49	-0.00	-0.00	0.00	0.00	0.00
tribuna +1.30	1.30	0.02	-0.30	-0.42	97.19	-0.00	-0.00	0.00	0.00	-0.00
temelji	0.00	-0.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	0.00
	Σ=	0.23	-0.42	-0.35	438.69	-0.00	-0.00	0.00	0.00	-0.00

Nivo	Z [m]	Ton 4			Ton 5			Ton 6		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
tribuna +4.6	4.60	0.08	-0.00	-0.00	0.00	0.00	-0.00	0.00	0.00	0.00
tribuna +1.30	1.30	0.24	0.00	0.00	0.00	0.00	0.00	0.00	-0.00	-0.00
temelji	0.00	0.00	-0.00	0.00	-0.00	0.00	0.00	0.00	-0.00	0.00
	Σ=	0.32	-0.00	0.00	0.00	0.00	0.00	0.00	-0.00	-0.00

Nivo	Z [m]	Ton 7			Ton 8			Ton 9		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
tribuna +4.6	4.60	0.16	0.00	0.00	0.01	0.00	0.00	-0.00	-0.00	-0.00
tribuna +1.30	1.30	1.65	-0.00	-0.00	0.01	-0.00	-0.00	0.00	-0.00	-0.00
temelji	0.00	0.00	-0.00	0.00	0.00	-0.00	-0.00	-0.00	-0.00	-0.00
	Σ=	1.81	-0.00	-0.00	0.02	-0.00	-0.00	0.00	-0.00	-0.00

Nivo	Z [m]	Ton 10		
		Px [kN]	Py [kN]	Pz [kN]
tribuna +4.6	4.60	-0.00	0.00	-0.00
tribuna +1.30	1.30	0.00	0.00	0.00
temelji	0.00	-0.00	0.00	-0.00
	Σ=	0.00	0.00	0.00

Razporeditev potresnih sil po višini objekta - Potres X smer (-e)

Nivo	Z [m]	Ton 1			Ton 2			Ton 3		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
tribuna +4.6	4.60	0.21	-0.12	0.07	341.49	-0.00	-0.00	0.00	0.00	0.00
tribuna +1.30	1.30	0.02	-0.30	-0.42	97.19	-0.00	-0.00	0.00	0.00	-0.00
temelji	0.00	-0.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	0.00
	Σ=	0.23	-0.42	-0.35	438.69	-0.00	-0.00	0.00	0.00	-0.00

Nivo	Z [m]	Ton 4			Ton 5			Ton 6		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
tribuna +4.6	4.60	0.08	-0.00	-0.00	0.00	0.00	-0.00	0.00	0.00	0.00
tribuna +1.30	1.30	0.24	0.00	0.00	0.00	0.00	0.00	0.00	-0.00	-0.00
temelji	0.00	0.00	-0.00	0.00	-0.00	0.00	0.00	0.00	-0.00	0.00
	Σ=	0.32	-0.00	0.00	0.00	0.00	0.00	0.00	-0.00	-0.00

Nivo	Z [m]	Ton 7			Ton 8			Ton 9		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
tribuna +4.6	4.60	0.16	0.00	0.00	0.01	0.00	0.00	-0.00	-0.00	-0.00
tribuna +1.30	1.30	1.65	-0.00	-0.00	0.01	-0.00	-0.00	0.00	-0.00	-0.00
temelji	0.00	0.00	-0.00	0.00	0.00	-0.00	-0.00	-0.00	-0.00	-0.00
	Σ=	1.81	-0.00	-0.00	0.02	-0.00	-0.00	0.00	-0.00	-0.00

Nivo	Z [m]	Ton 10		
		Px [kN]	Py [kN]	Pz [kN]
tribuna +4.6	4.60	-0.00	0.00	-0.00
tribuna +1.30	1.30	0.00	0.00	0.00
temelji	0.00	-0.00	0.00	-0.00
	Σ=	0.00	0.00	0.00

Razporeditev potresnih sil po višini objekta - Potres Y smer (+e)

Nivo	Z [m]	Ton 1			Ton 2			Ton 3		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
tribuna +4.6	4.60	-0.39	0.23	-0.12	-0.00	0.00	0.00	0.00	95.68	52.21
tribuna +1.30	1.30	-0.04	0.56	0.77	-0.00	0.00	0.00	0.00	33.42	-63.41
temelji	0.00	0.00	-0.00	-0.00	-0.00	0.00	-0.00	0.00	0.00	0.00
	Σ=	-0.42	0.79	0.65	-0.00	0.00	0.00	0.00	129.10	-11.20

Nivo	Z [m]	Ton 4			Ton 5			Ton 6		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
tribuna +4.6	4.60	-0.00	0.00	0.00	0.00	202.81	-6.05	-0.00	-0.24	-2.18
tribuna +1.30	1.30	-0.00	-0.00	-0.00	0.00	209.96	104.49	-0.00	2.44	4.54
temelji	0.00	-0.00	0.00	-0.00	-0.00	0.00	0.00	-0.00	0.00	-0.00
	Σ=	-0.00	0.00	-0.00	0.00	412.77	98.44	-0.00	2.20	2.36

Nivo	Z [m]	Ton 7			Ton 8			Ton 9		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
tribuna +4.6	4.60	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00	17.22	1.73
tribuna +1.30	1.30	-0.00	0.00	0.00	-0.00	0.00	0.00	-0.00	14.46	3.05
temelji	0.00	-0.00	0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	-0.00	0.00	0.00	-0.00	0.00	0.00	-0.00	31.68	4.78

Nivo	Z [m]	Ton 10		
		Px [kN]	Py [kN]	Pz [kN]
tribuna +4.6	4.60	-0.00	3.33	-2.61
tribuna +1.30	1.30	0.00	5.04	3.41
temelji	0.00	-0.00	0.00	-0.00
	Σ=	0.00	8.37	0.80

Razporeditev potresnih sil po višini objekta - Potres Y smer (-e)

Nivo	Z [m]	Ton 1			Ton 2			Ton 3		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
tribuna +4.6	4.60	-0.39	0.23	-0.12	-0.00	0.00	0.00	0.00	95.68	52.21
tribuna +1.30	1.30	-0.04	0.56	0.77	-0.00	0.00	0.00	0.00	33.42	-63.41
temelji	0.00	0.00	-0.00	-0.00	-0.00	0.00	-0.00	0.00	0.00	0.00
	Σ=	-0.42	0.79	0.65	-0.00	0.00	0.00	0.00	129.10	-11.20

Nivo	Z [m]	Ton 4			Ton 5			Ton 6		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
tribuna +4.6	4.60	-0.00	0.00	0.00	0.00	202.81	-6.05	-0.00	-0.24	-2.18
tribuna +1.30	1.30	-0.00	-0.00	-0.00	0.00	209.96	104.49	-0.00	2.44	4.54
temelji	0.00	-0.00	0.00	-0.00	-0.00	0.00	0.00	-0.00	0.00	-0.00
	Σ=	-0.00	0.00	-0.00	0.00	412.77	98.44	-0.00	2.20	2.36

Nivo	Z [m]	Ton 7			Ton 8			Ton 9		
		Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]	Px [kN]	Py [kN]	Pz [kN]
tribuna +4.6	4.60	-0.00	-0.00	-0.00	-0.00	-0.00	-0.00	0.00	17.22	1.73
tribuna +1.30	1.30	-0.00	0.00	0.00	-0.00	0.00	0.00	-0.00	14.46	3.05
temelji	0.00	-0.00	0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	0.00
	Σ=	-0.00	0.00	0.00	-0.00	0.00	0.00	-0.00	31.68	4.78

Nivo	Z [m]	Ton 10		
		Px [kN]	Py [kN]	Pz [kN]
tribuna +4.6	4.60	-0.00	3.33	-2.61
tribuna +1.30	1.30	0.00	5.04	3.41
temelji	0.00	-0.00	0.00	-0.00
	Σ=	0.00	8.37	0.80

Faktorji participacije - relativno sodelovanje

Ton \ Naziv	1. Potres X s	2. Potres X s	3. Potres Y s	4. Potres Y s
1	0.001	0.001	0.001	0.001

Faktorji participacije - relativno sodelovanje

Ton \ Naziv	1. Potres X s	2. Potres X s	3. Potres Y s	4. Potres Y s
2	0.995	0.995	0.000	0.000
3	0.000	0.000	0.221	0.221
4	0.001	0.001	0.000	0.000
5	0.000	0.000	0.706	0.706
6	0.000	0.000	0.004	0.004
7	0.004	0.004	0.000	0.000
8	0.000	0.000	0.000	0.000
9	0.000	0.000	0.054	0.054
10	0.000	0.000	0.014	0.014

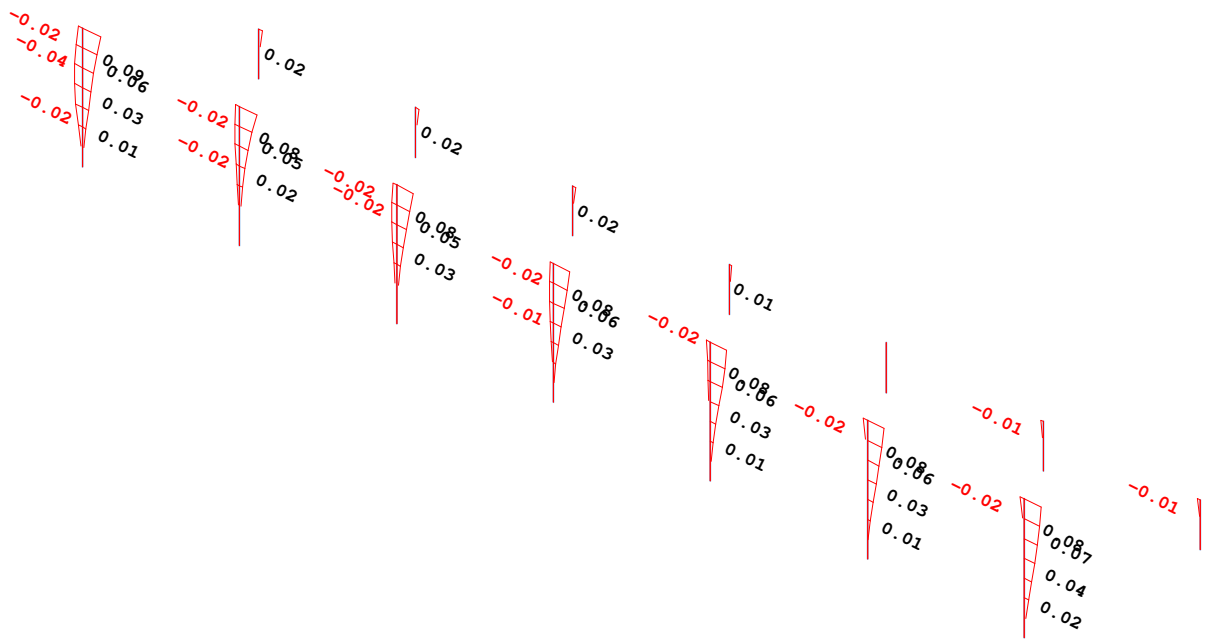
Faktorji participacije - angažiranje mase

Ton	U [α=0°]	U [α=90°]	U [Z]
Upošteva se samo masa nad koto temelja			
Kota temelja:		0.00 m	
Skupna masa nad temeljem:		435.74 T	
Skupna masa celega objekta:		442.75 T	
1	0.00	0.00	0.00
2	77.42	0.00	0.00
3	0.00	21.02	0.16
4	0.05	0.00	0.00

Ton	U [α=0°]	U [α=90°]	U [Z]
5	0.00	67.20	3.82
6	0.00	0.36	0.41
7	0.29	0.00	0.00
8	0.00	0.00	0.00
9	0.00	5.54	0.13
10	0.00	1.53	0.01
ΣU (%)	77.77	95.63	4.53

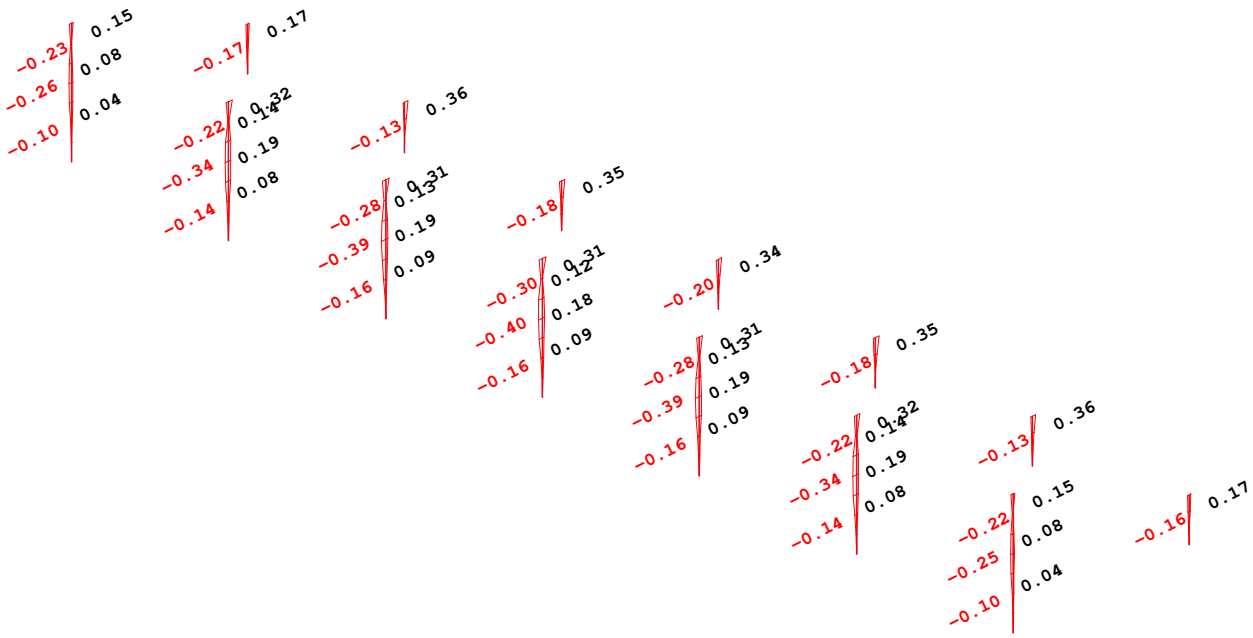
Statični preračun

Obt. 272: [MSU: Pomiki] 168-270



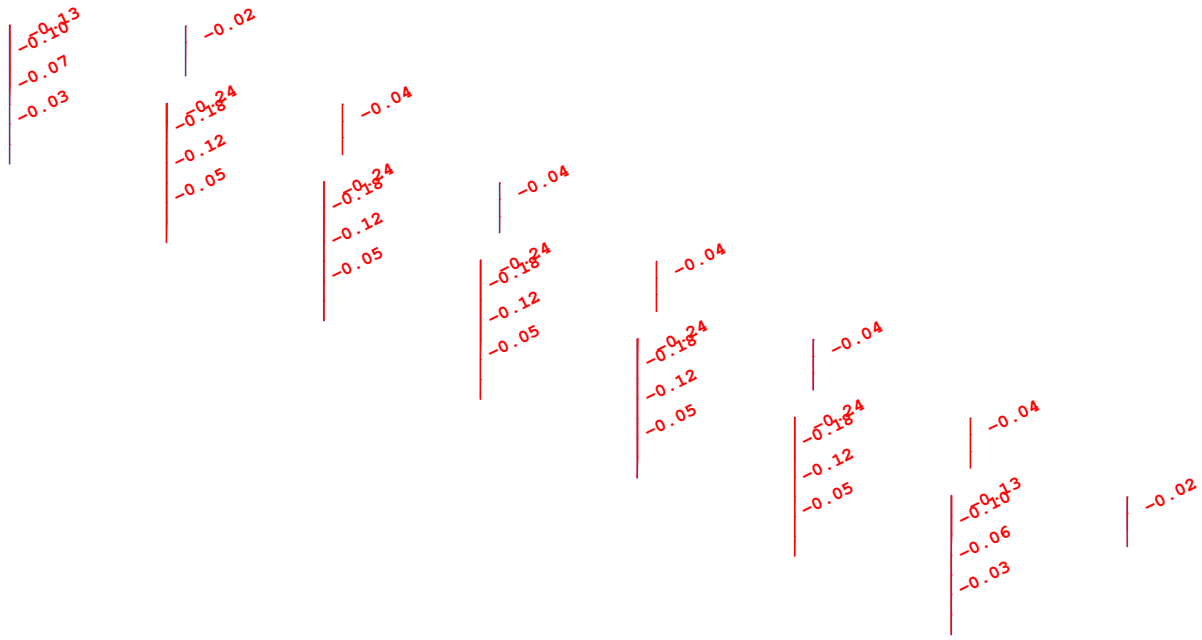
Skupina: Stebri 4
Vplivi v gredi: max Xp= 0.14 / min Xp= -0.05 m / 1000

Obt. 272: [MSU: Pomiki] 168-270



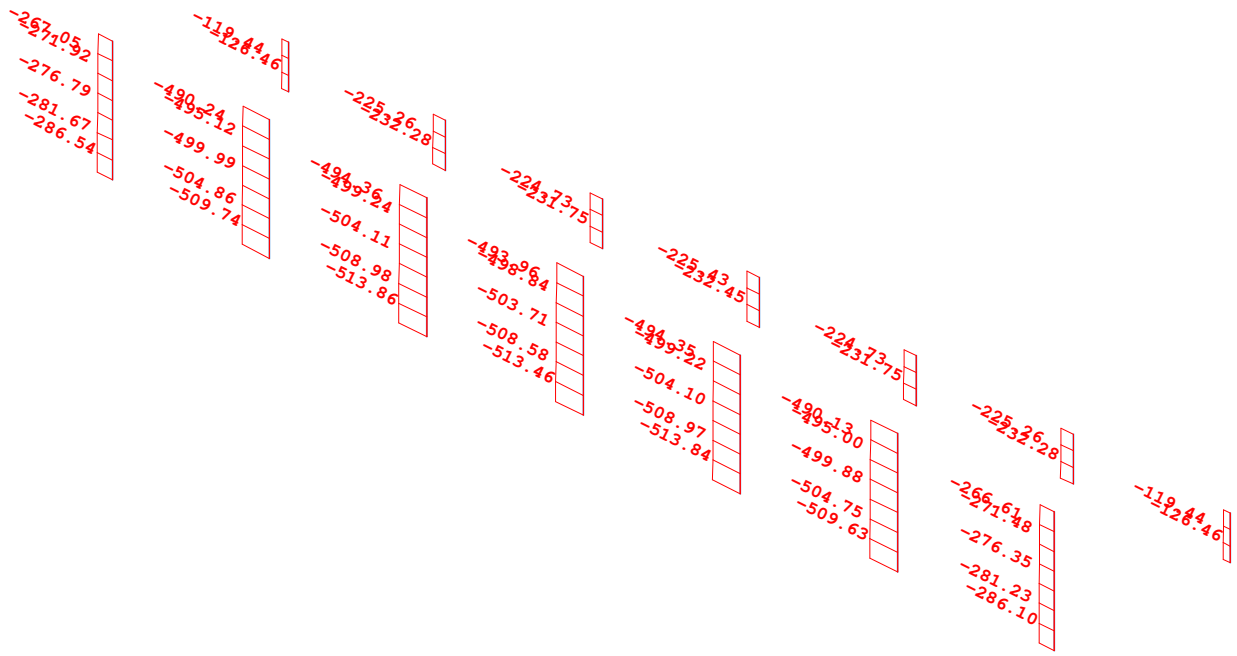
Skupina: Stebri 4
Vplivi v gredi: max Yp= 0.52 / min Yp= -2.69 m / 1000

Obt. 272: [MSU: Pomiki] 168-270



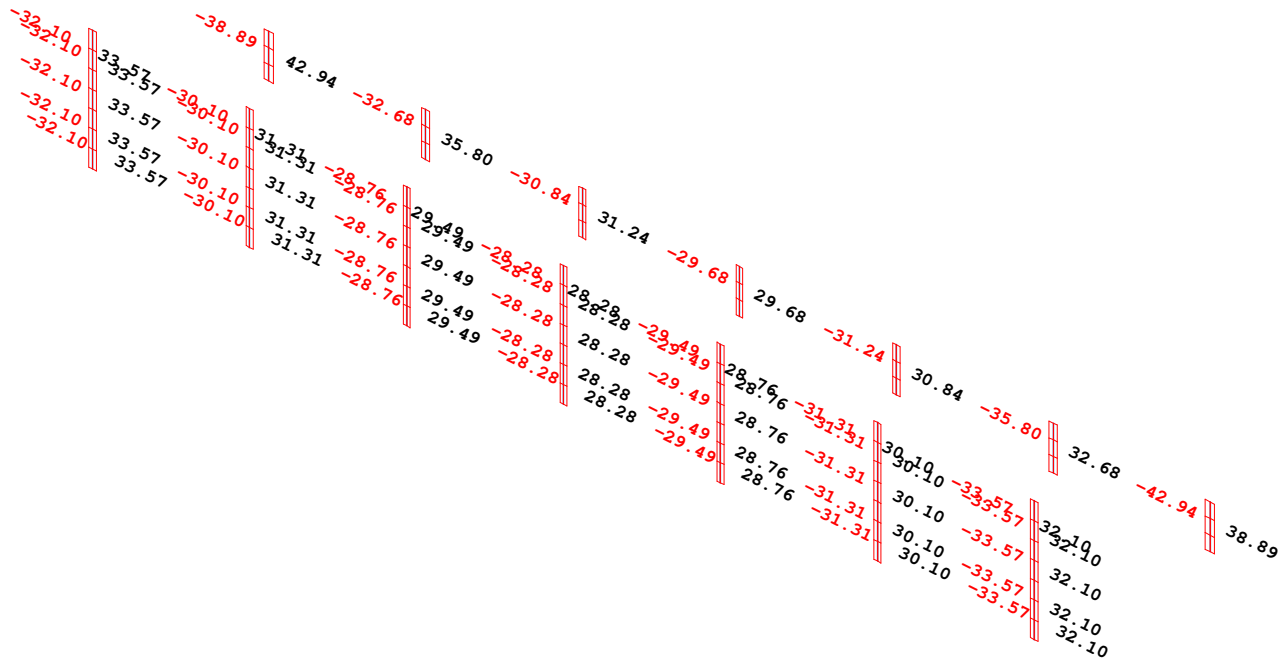
Skupina: Stebri 4
Vplivi v gredi: max Zp= 0.35 / min Zp= -9.84 m / 1000

Obt. 271: [MSN: Dimenzioniranje betona] 14-167



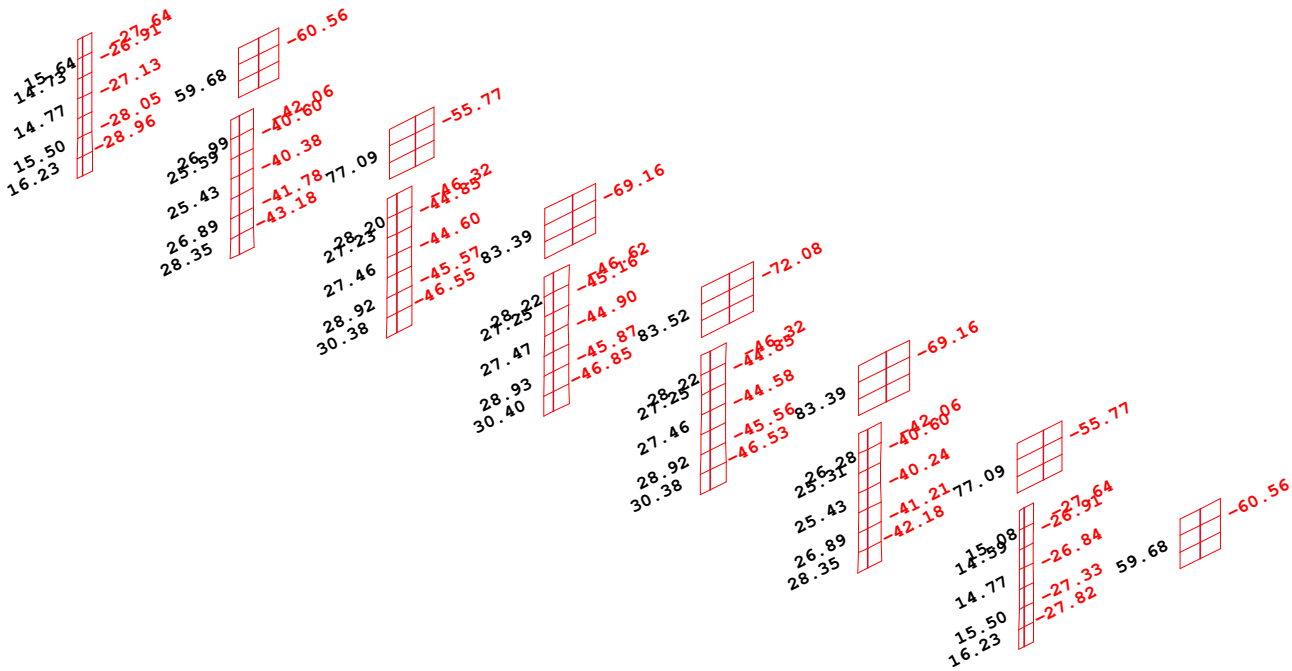
Skupina: Stebri 4
Vplivi v gredi: max N1= 86.51 / min N1= -513.86 kN

Obt. 271: [MSN: Dimenzioniranje betona] 14-167



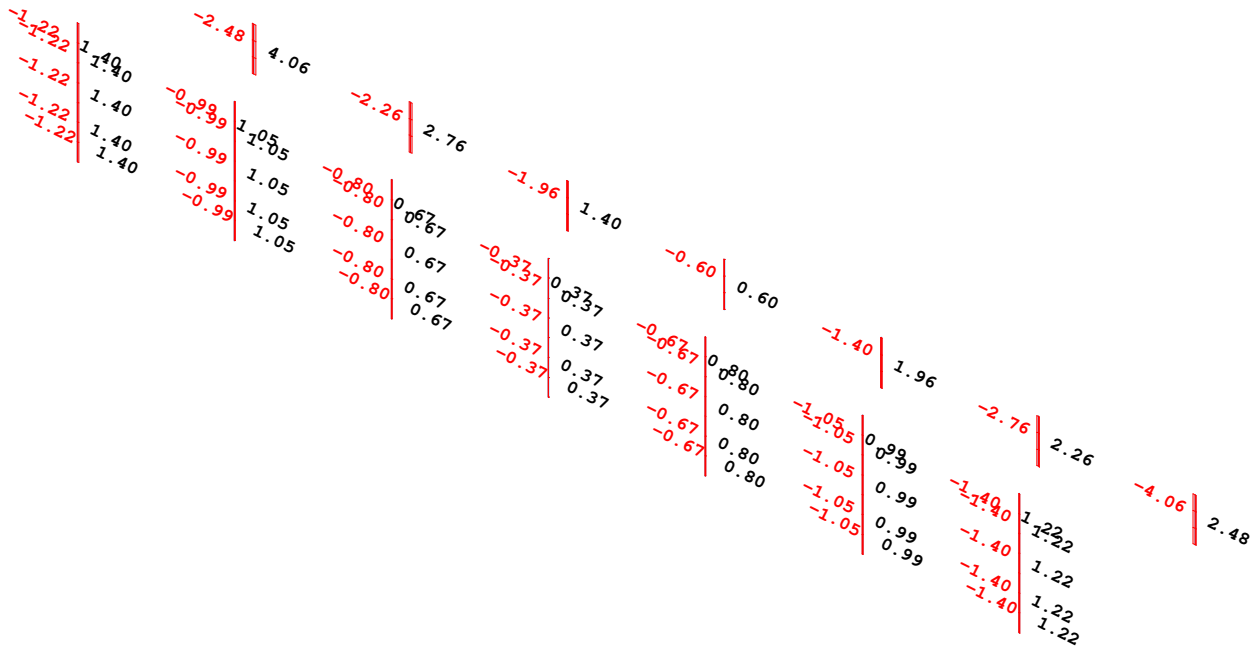
Skupina: Stebri 4
Vplivi v gredi: max T2= 238.72 / min T2= -166.58 kN

Obt. 271: [MSN: Dimenzioniranje betona] 14-167



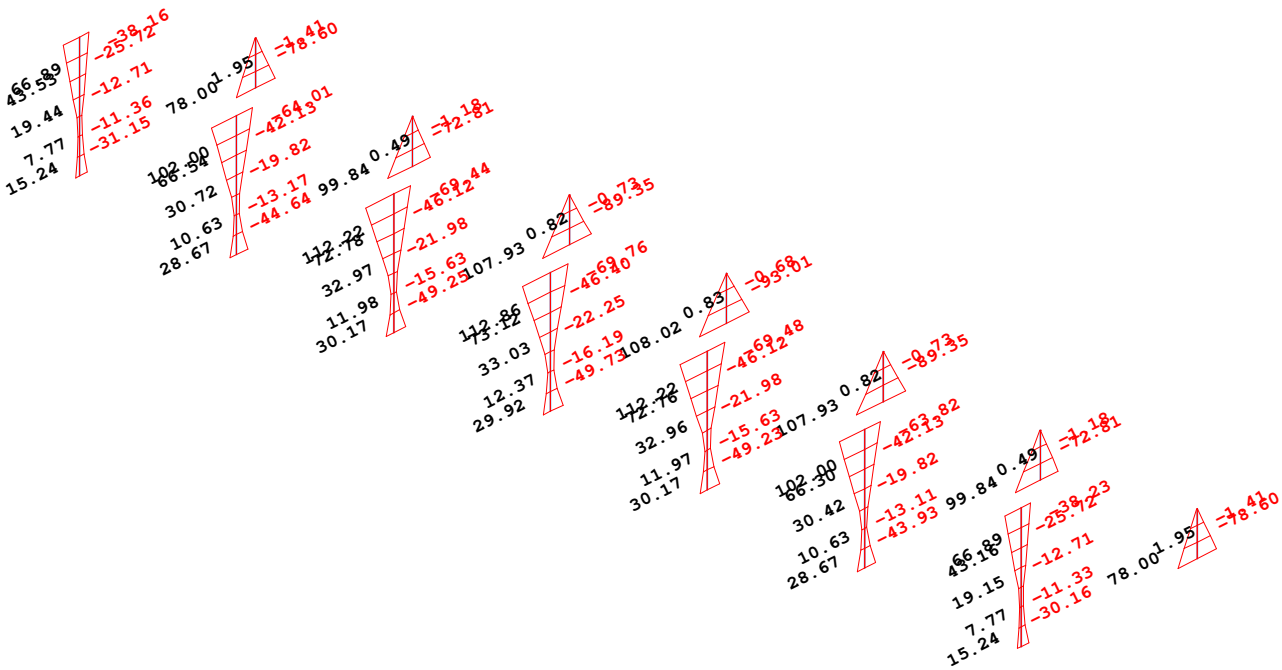
Skupina: Stebri 4
Vplivi v gredi: max T3= 83.52 / min T3= -72.08 kN

Obt. 271: [MSN: Dimenzioniranje betona] 14-167



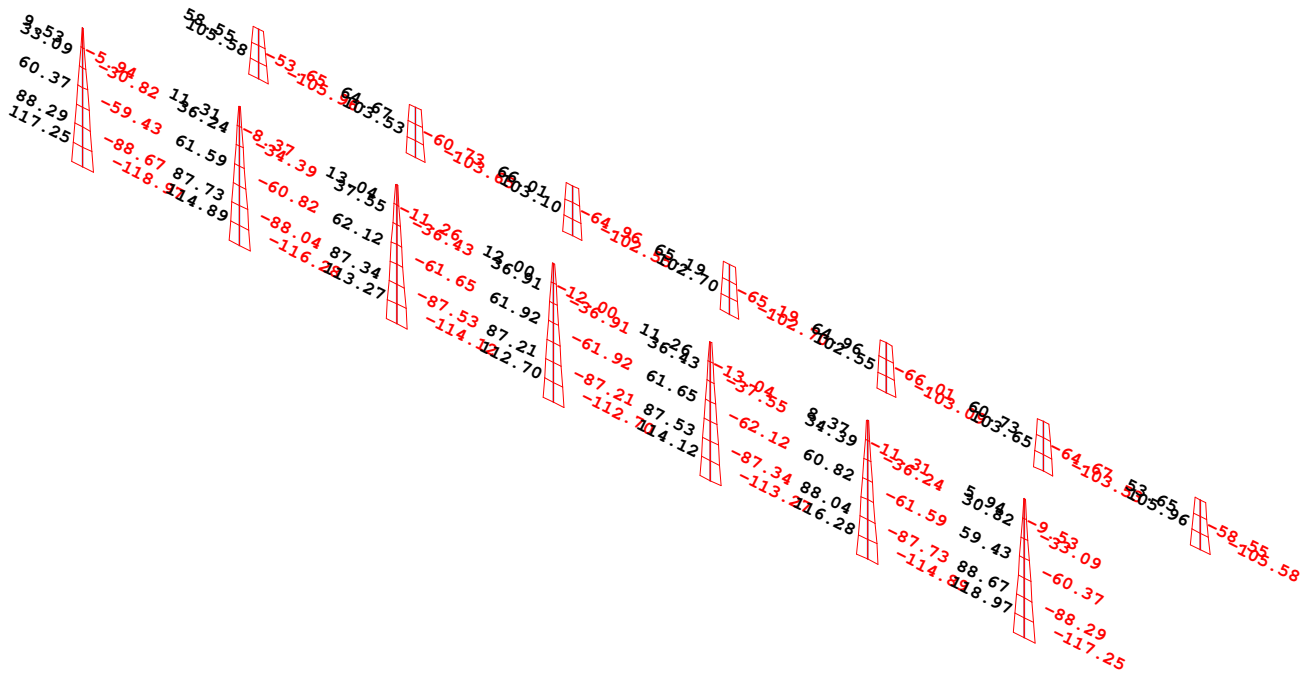
Skupina: Stebri 4
Vplivi v gredi: max M1= 51.87 / min M1= -51.87 kNm

Obt. 271: [MSN: Dimenzioniranje betona] 14-167



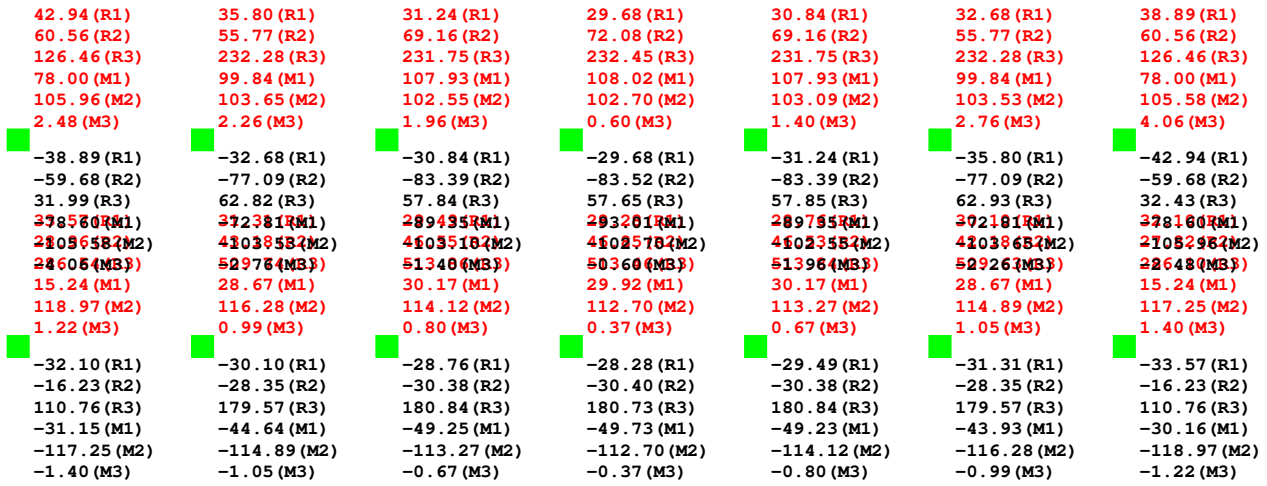
Skupina: Stebri 4
Vplivi v gredi: max M2= 112.86 / min M2= -93.01 kNm

Obt. 271: [MSN: Dimenzioniranje betona] 14-167



Skupina: Stebri 4
Vplivi v gredi: max M3= 211.94 / min M3= -302.39 kNm

Obt. 271: [MSN: Dimenzioniranje betona] 14-167



Nivo: temelji [0.00 m]
Reakcije podpor (Min/Max)

Notranje sile v gredah - Ekstremne vrednosti - Obtežba: 1-270

Oznaka	LC	x [m]	N1 [kN]	T2 [kN]	T3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
(31 - 21)	43	3.610	**|-513.86|**	0.413	-17.286	-0.117	-18.895	0.183
(57 - 47)	43	3.610	**|-513.84|**	-0.963	-17.270	0.121	-18.873	1.789
(44 - 34)	43	3.610	**|-513.46|**	-0.267	-17.519	0.000	-19.464	0.975
(57 - 47)	34	3.610	**|-513.26|**	-0.694	-14.882	0.119	-17.040	0.813
(31 - 21)	34	3.610	**|-513.26|**	0.694	-14.882	-0.119	-17.040	-0.813
(44 - 34)	34	3.610	**|-512.87|**	0.000	-15.131	0.000	-17.631	0.000
(57 - 47)	53	3.610	**|-512.43|**	-0.692	-11.207	0.112	-14.061	0.823
(31 - 21)	53	3.610	**|-512.43|**	0.692	-11.207	-0.112	-14.061	-0.823
(44 - 34)	53	3.610	**|-512.02|**	0.000	-11.446	0.000	-14.626	0.000
(18 - 8)	43	3.610	**|-509.74|**	0.828	-16.253	0.077	-16.394	-0.298
(66 - 54)	53	6.058	79.242	**|238.72|**	3.482	-0.353	1.690	-302.39
(40 - 28)	53	6.058	79.242	**|238.72|**	-3.482	0.353	-1.690	-302.39
(66 - 54)	34	6.058	81.571	**|238.66|**	3.532	-0.396	1.747	-302.10
(40 - 28)	34	6.058	81.571	**|238.66|**	-3.532	0.396	-1.747	-302.10
(40 - 28)	43	6.058	83.192	**|238.64|**	-3.492	0.407	-1.753	-301.86
(66 - 54)	43	6.058	83.188	**|238.63|**	3.550	-0.383	1.745	-301.85
(53 - 41)	53	6.058	79.412	**|238.21|**	0.000	0.000	0.000	-301.93
(53 - 41)	34	6.058	81.754	**|238.17|**	0.000	0.000	0.000	-301.68
(53 - 41)	43	6.058	83.384	**|238.12|**	0.015	0.017	0.000	-301.43
(79 - 67)	53	6.058	82.202	**|233.14|**	-1.223	-3.233	-0.997	-291.33
(44 - 34)	157	0.000	-375.27	0.000	-46.622	0.000	**|112.86|**	0.000
(44 - 34)	138	0.000	-376.12	0.000	-44.459	0.000	**|112.60|**	0.000
(44 - 34)	147	0.000	-376.71	-0.267	-42.948	0.000	**|112.35|**	0.011
(57 - 47)	157	0.000	-375.97	-0.428	-46.316	0.032	**|112.22|**	-0.972
(31 - 21)	157	0.000	-375.97	0.428	-46.316	-0.032	**|112.22|**	0.972
(57 - 47)	138	0.000	-376.80	-0.430	-44.142	0.039	**|111.95|**	-0.989
(31 - 21)	138	0.000	-376.80	0.430	-44.142	-0.039	**|111.95|**	0.989
(31 - 21)	147	0.000	-377.40	0.149	-42.647	-0.037	**|111.74|**	0.970
(57 - 47)	147	0.000	-377.39	-0.699	-42.631	0.041	**|111.70|**	-0.984
(44 - 34)	154	0.000	-316.57	0.000	-45.706	0.000	**|110.72|**	0.000
(66 - 54)	53	6.058	79.242	238.72	3.482	-0.353	1.690	**|-302.39|**
(40 - 28)	53	6.058	79.242	238.72	-3.482	0.353	-1.690	**|-302.39|**
(66 - 54)	34	6.058	81.571	238.66	3.532	-0.396	1.747	**|-302.10|**
(40 - 28)	34	6.058	81.571	238.66	-3.532	0.396	-1.747	**|-302.10|**
(53 - 41)	53	6.058	79.412	238.21	0.000	0.000	0.000	**|-301.93|**
(40 - 28)	43	6.058	83.192	238.64	-3.492	0.407	-1.753	**|-301.86|**
(66 - 54)	43	6.058	83.188	238.63	3.550	-0.383	1.745	**|-301.85|**
(53 - 41)	34	6.058	81.754	238.17	0.000	0.000	0.000	**|-301.68|**
(53 - 41)	43	6.058	83.384	238.12	0.015	0.017	0.000	**|-301.43|**
(79 - 67)	53	6.058	82.202	233.14	-1.223	-3.233	-0.997	**|-291.33|**

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
1	1	0.494	2.230	111.81	-3.058	0.567	-0.045
	2	0.121	1.234	23.462	-1.482	0.145	-0.024
	3	-3.890	2.580	0.769	-2.081	-3.544	-0.048
	4	4.703	-2.141	-0.697	1.854	3.211	0.041
	5	0.403	4.113	78.207	-4.939	0.484	-0.080
	6	0.103	-7.685	38.047	7.820	0.351	-0.250
	7	0.300	11.798	40.160	-12.759	0.132	0.170
	8	0.681	-11.024	40.966	11.086	0.703	0.127
	9	-0.278	15.137	37.241	-16.026	-0.220	-0.207
	10+	31.887	4.656	8.160	9.213	116.82	1.067
	10-	-31.887	-4.656	-8.160	-9.213	-116.82	-1.067
	11+	31.772	4.428	7.997	8.817	116.62	1.050
	11-	-31.772	-4.428	-7.997	-8.817	-116.62	-1.050
	12+	3.173	4.042	10.811	7.191	4.313	0.803
	12-	-3.173	-4.042	-10.811	-7.191	-4.313	-0.803
	13+	2.766	7.030	19.340	14.091	3.033	0.582
	13-	-2.766	-7.030	-19.340	-14.091	-3.033	-0.582
	14	0.494	2.230	111.81	-3.058	0.567	-0.045
	15	0.667	3.010	150.94	-4.129	0.766	-0.061
	16	0.675	4.080	147.00	-5.281	0.785	-0.081
	17	0.848	4.861	186.13	-6.351	0.983	-0.097
	18	-5.340	6.099	112.96	-6.179	-4.749	-0.117
	19	-5.167	6.879	152.09	-7.250	-4.550	-0.132
	20	-5.250	7.024	130.56	-7.291	-4.640	-0.135
	21	-2.825	6.402	147.69	-7.154	-2.405	-0.124
	22	-5.077	7.805	169.69	-8.361	-4.442	-0.150
	23	-2.652	7.182	186.83	-8.224	-2.206	-0.140
	24	7.549	-0.982	110.76	-0.277	5.383	0.016
	25	7.722	-0.201	149.89	-1.347	5.581	0.000
	26	7.639	-0.056	128.36	-1.388	5.492	0.000
	27	4.908	2.154	146.37	-3.612	3.674	-0.044
	28	7.812	0.724	167.49	-2.459	5.690	-0.017
	29	5.081	2.934	185.51	-4.683	3.873	-0.060
	30	1.099	8.399	229.12	-10.467	1.293	-0.165
	31	1.272	9.179	268.25	-11.538	1.491	-0.181
	32	1.189	9.324	246.71	-11.579	1.401	-0.183
	33	1.099	8.399	229.12	-10.467	1.293	-0.165
	34	1.362	10.104	285.85	-12.649	1.600	-0.199
	35	1.272	9.179	268.25	-11.538	1.491	-0.181
	36	-2.402	10.720	229.81	-12.340	-1.897	-0.208
	37	-4.917	10.417	195.08	-11.366	-4.241	-0.201

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	38	-2.229	11.501	268.94	-13.410	-1.699	-0.224
	39	-4.744	11.198	234.21	-12.436	-4.043	-0.216
	40	-2.311	11.646	247.41	-13.451	-1.788	-0.226
	41	-4.826	11.343	212.68	-12.477	-4.132	-0.219
	42	-2.402	10.720	229.81	-12.340	-1.897	-0.208
	43	-2.138	12.426	286.54	-14.522	-1.590	-0.242
	44	-4.653	12.123	251.81	-13.547	-3.934	-0.234
	45	-2.229	11.501	268.94	-13.410	-1.699	-0.224
	46	5.332	6.472	228.49	-8.799	4.182	-0.128
	47	7.972	3.337	192.88	-5.463	5.891	-0.068
	48	5.504	7.252	267.62	-9.869	4.380	-0.144
	49	8.145	4.117	232.01	-6.534	6.089	-0.084
	50	5.422	7.397	246.09	-9.910	4.291	-0.146
	51	8.063	4.262	210.48	-6.575	6.000	-0.086
	52	5.332	6.472	228.49	-8.799	4.182	-0.128
	53	5.595	8.178	285.22	-10.980	4.489	-0.162
	54	8.236	5.043	249.61	-7.645	6.198	-0.102
	55	5.504	7.252	267.62	-9.869	4.380	-0.144
	56	0.648	-9.298	168.88	8.672	1.094	-0.420
	57	0.821	-8.517	208.01	7.602	1.293	-0.435
	58	0.739	-8.372	186.47	7.561	1.203	-0.438
	59	0.783	-3.989	186.95	2.930	1.154	-0.343
	60	0.912	-7.592	225.61	6.490	1.401	-0.453
	61	0.956	-3.208	226.08	1.860	1.352	-0.359
	62	-2.852	-6.976	169.57	6.799	-2.095	-0.463
	63	-5.232	-1.970	152.91	2.032	-4.380	-0.379
	64	-2.679	-6.196	208.70	5.729	-1.897	-0.478
	65	-5.059	-1.190	192.04	0.961	-4.182	-0.395
	66	-2.762	-6.051	187.17	5.688	-1.987	-0.481
	67	-5.142	-1.045	170.51	0.920	-4.271	-0.397
	68	-2.717	-1.667	187.64	1.058	-2.036	-0.386
	69	-2.589	-5.270	226.30	4.618	-1.788	-0.496
	70	-4.969	-0.264	209.64	-0.150	-4.073	-0.413
	71	-2.544	-0.887	226.77	-0.013	-1.837	-0.402
	72	4.881	-11.224	168.25	10.341	3.984	-0.383
	73	7.657	-9.051	150.71	7.934	5.752	-0.246
	74	5.054	-10.444	207.38	9.270	4.182	-0.399
	75	7.830	-8.270	189.84	6.864	5.950	-0.262
	76	4.972	-10.299	185.85	9.229	4.092	-0.401
	77	7.747	-8.125	168.31	6.823	5.861	-0.264
	78	5.016	-5.915	186.32	4.599	4.043	-0.307
	79	5.145	-9.519	224.98	8.159	4.291	-0.417
	80	7.920	-7.345	207.44	5.752	6.059	-0.280
	81	5.189	-5.135	225.45	3.528	4.242	-0.322
	82	0.944	19.926	172.05	-22.197	0.765	0.210
	83	1.117	20.706	211.18	-23.268	0.964	0.194
	84	1.035	20.851	189.64	-23.309	0.874	0.192
	85	0.991	16.468	189.17	-18.678	0.924	0.097
	86	1.208	21.632	228.78	-24.379	1.073	0.176
	87	1.164	17.248	228.30	-19.749	1.122	0.082
	88	-2.556	22.248	172.74	-24.070	-2.424	0.167
	89	-5.025	18.486	155.13	-19.577	-4.610	0.062
	90	-2.383	23.028	211.87	-25.140	-2.226	0.151
	91	-4.852	19.267	194.26	-20.647	-4.412	0.046
	92	-2.465	23.173	190.34	-25.181	-2.315	0.149
	93	-4.934	19.412	172.73	-20.688	-4.501	0.044
	94	-2.510	18.789	189.86	-20.551	-2.266	0.054
	95	-2.292	23.953	229.47	-26.252	-2.117	0.133
	96	-4.761	20.192	211.86	-21.758	-4.303	0.028
	97	-2.337	19.570	228.99	-21.621	-2.068	0.039
	98	5.177	17.999	171.42	-20.529	3.655	0.246
	99	7.864	11.406	152.93	-13.674	5.522	0.194
	100	5.350	18.780	210.55	-21.599	3.853	0.231
	101	8.037	12.186	192.06	-14.745	5.720	0.179
	102	5.268	18.925	189.02	-21.640	3.764	0.228
	103	7.955	12.331	170.53	-14.786	5.631	0.176
	104	5.224	14.541	188.54	-17.010	3.813	0.134
	105	5.441	19.705	228.15	-22.710	3.962	0.213
	106	8.128	13.112	209.66	-15.856	5.829	0.161
	107	5.396	15.321	227.67	-18.080	4.012	0.118
	108	1.516	-14.306	173.26	13.571	1.622	0.146
	109	1.689	-13.526	212.39	12.501	1.821	0.130
	110	1.607	-13.381	190.85	12.460	1.731	0.128
	111	1.391	-7.495	190.01	6.360	1.523	0.053
	112	1.780	-12.600	229.99	11.390	1.929	0.112
	113	1.564	-6.714	229.15	5.289	1.722	0.037
	114	-1.984	-11.985	173.95	11.699	-1.567	0.103
	115	-4.625	-5.476	155.98	5.461	-4.010	0.017
	116	-1.812	-11.204	213.08	10.628	-1.369	0.087
	117	-4.452	-4.696	195.11	4.391	-3.812	0.000
	118	-1.894	-11.059	191.55	10.587	-1.459	0.085
	119	-4.534	-4.551	173.57	4.350	-3.902	0.000
	120	-2.110	-5.173	190.71	4.487	-1.666	0.000
	121	-1.721	-10.279	230.68	9.517	-1.260	0.069

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	122	-4.361	-3.770	212.70	3.280	-3.703	-0.017
	123	-1.937	-4.393	229.84	3.417	-1.468	0.000
	124	5.749	-16.233	172.63	15.240	4.512	0.182
	125	8.264	-12.557	153.78	11.364	6.121	0.150
	126	5.922	-15.453	211.76	14.170	4.710	0.167
	127	8.437	-11.776	192.91	10.293	6.320	0.134
	128	5.840	-15.308	190.23	14.129	4.621	0.164
	129	8.355	-11.631	171.37	10.252	6.230	0.132
	130	5.624	-9.421	189.39	8.028	4.413	0.089
	131	6.013	-14.527	229.36	13.058	4.819	0.149
	132	8.528	-10.851	210.50	9.182	6.429	0.116
	133	5.797	-8.641	228.52	6.958	4.611	0.074
	134	0.077	24.935	167.67	-27.097	0.237	-0.356
	135	0.249	25.715	206.80	-28.167	0.436	-0.371
	136	0.167	25.860	185.27	-28.208	0.346	-0.374
	137	0.383	19.974	186.10	-22.108	0.554	-0.299
	138	0.340	26.640	224.40	-29.279	0.545	-0.389
	139	0.556	20.754	225.24	-23.178	0.752	-0.314
	140	-3.424	27.256	168.36	-28.969	-2.952	-0.399
	141	-5.632	21.992	152.06	-23.006	-4.980	-0.334
	142	-3.251	28.037	207.49	-30.040	-2.754	-0.414
	143	-5.460	22.773	191.20	-24.077	-4.781	-0.350
	144	-3.333	28.182	185.96	-30.081	-2.843	-0.417
	145	-5.542	22.918	169.66	-24.118	-4.871	-0.352
	146	-3.117	22.295	186.80	-23.981	-2.636	-0.342
	147	-3.160	28.962	225.09	-31.151	-2.645	-0.432
	148	-5.369	23.698	208.79	-25.188	-4.672	-0.368
	149	-2.944	23.076	225.93	-25.051	-2.437	-0.357
	150	4.309	23.008	167.04	-25.428	3.127	-0.319
	151	7.257	14.912	149.86	-17.104	5.152	-0.201
	152	4.482	23.788	206.17	-26.499	3.325	-0.335
	153	7.429	15.692	189.00	-18.174	5.351	-0.217
	154	4.400	23.933	184.64	-26.540	3.236	-0.337
	155	7.347	15.837	167.46	-18.215	5.261	-0.219
	156	4.616	18.047	185.48	-20.439	3.443	-0.262
	157	4.573	24.714	223.77	-27.610	3.434	-0.353
	158	7.520	16.618	206.59	-19.286	5.459	-0.235
	159	4.789	18.827	224.61	-21.510	3.642	-0.278
	160+	33.574	10.566	170.13	5.348	118.97	1.215
	160-	-32.103	-1.171	147.33	-17.392	-117.25	-1.401
	161+	13.475	10.136	171.99	3.932	40.214	1.030
	161-	-12.003	-0.741	145.47	-15.976	-38.500	-1.216
	162+	33.337	11.234	172.53	7.023	118.39	1.131
	162-	-31.866	-1.840	144.93	-19.066	-116.67	-1.317
	163+	13.033	13.056	180.47	10.715	38.876	0.803
	163-	-11.562	-3.661	136.99	-22.758	-37.161	-0.989
	164+	13.068	13.124	180.52	10.833	38.935	0.809
	164-	-11.596	-3.729	136.94	-22.877	-37.220	-0.995
	165+	33.452	11.462	172.69	7.418	118.58	1.149
	165-	-31.981	-2.067	144.77	-19.462	-116.87	-1.335
	166+	33.460	10.338	169.97	4.952	118.77	1.198
	166-	-31.988	-0.943	147.49	-16.996	-117.05	-1.384
	167+	13.440	10.067	171.94	3.814	40.155	1.025
	167-	-11.969	-0.673	145.52	-15.858	-38.441	-1.211
	168	3.242	12.775	160.92	-14.646	2.485	-0.190
	169	3.914	-5.538	163.53	4.333	3.131	0.045
	170	3.647	10.437	162.96	-12.359	2.731	0.074
	171	3.509	-3.200	161.48	2.046	2.884	-0.219
	172	3.719	5.058	189.60	-6.885	2.977	-0.101
	173	-1.914	15.607	161.80	-17.006	-1.568	-0.243
	174	-1.242	-2.705	164.41	1.972	-0.922	0.000
	175	-1.509	13.269	163.84	-14.720	-1.322	0.021
	176	-1.647	-0.368	162.36	-0.314	-1.168	-0.272
	177	-1.437	7.890	190.48	-9.246	-1.076	-0.154
	178	5.063	11.301	148.91	-13.163	3.696	-0.161
	179	5.735	-7.011	151.52	5.815	4.343	0.073
	180	5.468	8.964	150.95	-10.877	3.943	0.103
	181	5.330	-4.674	149.47	3.529	4.096	-0.191
	182	5.540	3.585	177.59	-5.403	4.189	-0.072
	183	-3.530	16.022	150.38	-17.098	-3.058	-0.250
	184	-2.858	-2.291	152.98	1.881	-2.412	-0.016
	185	-3.125	13.684	152.42	-14.811	-2.812	0.014
	186	-3.263	0.047	150.94	-0.406	-2.658	-0.280
	187	-3.053	8.305	179.05	-9.337	-2.566	-0.161
	188	3.098	16.699	160.36	-18.712	2.346	-0.240
	189	4.058	-9.462	164.09	8.400	3.269	0.095
	190	3.677	13.360	163.28	-15.446	2.698	0.137
	191	3.479	-6.123	161.17	5.133	2.917	-0.282
	192	3.780	5.675	201.33	-7.626	3.050	-0.113
	193	-2.058	19.531	161.24	-21.073	-1.707	-0.293
	194	-1.098	-6.630	164.97	6.039	-0.783	0.042
	195	-1.479	16.192	164.16	-17.807	-1.355	0.084
	196	-1.676	-3.290	162.05	2.773	-1.135	-0.335
	197	-1.376	8.507	202.21	-9.987	-1.003	-0.166

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	198	5.002	10.684	137.18	-12.422	3.624	-0.149
	199	5.674	-7.628	139.79	6.556	4.270	0.085
	200	5.407	8.347	139.22	-10.136	3.870	0.115
	201	5.269	-5.291	137.74	4.270	4.024	-0.179
	202	5.479	2.968	165.85	-4.662	4.116	-0.060
	203	-3.590	15.405	138.65	-16.357	-3.131	-0.238
	204	-2.919	-2.907	141.25	2.622	-2.485	0.000
	205	-3.185	13.067	140.69	-14.071	-2.884	0.026
	206	-3.324	-0.570	139.21	0.335	-2.731	-0.268
	207	-3.113	7.688	167.32	-8.596	-2.638	-0.149
	208	0.420	14.059	161.34	-15.758	0.558	-0.214
	209	1.092	-4.253	163.95	3.220	1.205	0.020
	210	0.825	11.722	163.38	-13.472	0.805	0.050
	211	0.687	-1.916	161.90	0.934	0.958	-0.244
	212	0.897	6.342	190.01	-7.998	1.051	-0.125
	213	3.038	16.082	148.63	-17.972	2.274	-0.228
	214	3.997	-10.079	152.35	9.141	3.197	0.107
	215	3.616	12.743	151.55	-14.705	2.626	0.149
	216	3.419	-6.740	149.44	5.874	2.845	-0.270
	217	3.719	5.058	189.60	-6.885	2.977	-0.101
	218	-2.118	18.914	149.51	-20.332	-1.779	-0.281
	219	-1.158	-7.246	153.23	6.780	-0.856	0.054
	220	-1.539	15.575	152.43	-17.066	-1.427	0.096
	221	-1.737	-3.907	150.32	3.513	-1.208	-0.323
	222	-1.437	7.890	190.48	-9.246	-1.076	-0.154
	223	3.437	2.179	134.85	-3.428	2.638	-0.044
	224	-1.719	5.011	135.73	-5.788	-1.414	-0.098
	225	0.276	17.983	160.78	-19.825	0.420	-0.264
	226	1.236	-8.177	164.50	7.287	1.343	0.070
	227	0.855	14.644	163.70	-16.559	0.772	0.113
	228	0.657	-4.838	161.59	4.021	0.991	-0.307
	229	0.958	6.959	201.75	-8.739	1.123	-0.137
	230	5.258	0.706	122.84	-1.945	3.850	-0.016
	231	-3.335	5.426	124.31	-5.880	-2.904	-0.105
	232	0.216	17.366	149.05	-19.084	0.347	-0.252
	233	1.175	-8.794	152.77	8.028	1.270	0.082
	234	0.794	14.027	151.97	-15.818	0.699	0.125
	235	0.597	-5.455	149.85	4.762	0.918	-0.295
	236	0.897	6.342	190.01	-7.998	1.051	-0.125
	237	5.197	0.089	111.11	-1.204	3.778	0.000
	238	-3.396	4.809	112.58	-5.139	-2.977	-0.093
	239	0.615	3.463	135.27	-4.540	0.712	-0.069
	240	0.494	2.230	111.81	-3.058	0.567	-0.045
	241	1.268	10.883	134.01	-12.303	1.077	-0.161
	242	1.843	-4.813	136.25	3.964	1.631	0.040
	243	1.615	8.880	135.76	-10.343	1.289	0.065
	244	1.496	-2.809	134.50	2.005	1.420	-0.187
	245	1.676	4.269	158.59	-5.651	1.499	-0.085
	246	-0.451	11.828	134.31	-13.090	-0.274	-0.179
	247	0.125	-3.869	136.54	3.177	0.280	0.022
	248	-0.104	9.824	136.06	-11.130	-0.062	0.047
	249	-0.222	-1.865	134.79	1.218	0.069	-0.204
	250	-0.042	5.213	158.89	-6.438	0.148	-0.103
	251	0.351	11.558	138.84	-12.970	0.464	-0.174
	252	0.927	-4.138	141.08	3.297	1.018	0.027
	253	0.698	9.555	140.60	-11.010	0.675	0.052
	254	0.580	-2.134	139.33	1.337	0.807	-0.200
	255	0.760	4.944	163.42	-6.318	0.886	-0.098
	256	0.299	12.825	137.88	-14.276	0.413	-0.190
	257	0.971	-5.487	140.48	4.702	1.059	0.044
	258	0.704	10.488	139.92	-11.990	0.660	0.074
	259	0.566	-3.150	138.44	2.416	0.813	-0.220
	260	0.776	5.109	166.55	-6.516	0.906	-0.101
	261	1.435	1.801	111.67	-2.687	1.209	-0.037
	262	-0.284	2.746	111.96	-3.474	-0.142	-0.054
	263	0.518	2.476	116.50	-3.355	0.596	-0.050
	264	0.494	2.230	111.81	-3.058	0.567	-0.045
	265	0.327	11.312	134.15	-12.674	0.435	-0.169
	266	0.903	-4.385	136.39	3.594	0.989	0.031
	267	0.674	9.308	135.90	-10.714	0.646	0.057
	268	0.556	-2.381	134.64	1.634	0.778	-0.195
	269	0.736	4.697	158.73	-6.022	0.857	-0.093
	270	0.494	2.230	111.81	-3.058	0.567	-0.045
8	1	0.402	2.182	180.66	-2.435	0.462	0.000
	2	0.099	1.730	46.114	-1.845	0.119	-0.011
	3	-0.318	3.731	0.769	-2.777	-1.122	0.000
	4	-0.018	-4.009	-0.723	3.167	0.000	-0.023
	5	0.331	5.768	153.71	-6.149	0.397	-0.038
	6	0.284	0.997	78.611	-1.221	0.550	-0.170
	7	0.048	4.771	75.104	-4.928	-0.153	0.132
	8	0.536	-17.953	75.644	18.834	0.554	0.113
	9	-0.204	23.720	78.071	-24.983	-0.157	-0.151
	10+	29.695	1.240	2.878	2.478	114.24	0.588
	10-	-29.695	-1.240	-2.878	-2.478	-114.24	-0.588

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	11+	29.598	1.190	2.812	2.365	114.06	0.574
	11-	-29.598	-1.190	-2.812	-2.365	-114.06	-0.574
	12+	3.365	10.959	24.711	17.529	4.493	0.843
	12-	-3.365	-10.959	-24.711	-17.529	-4.493	-0.843
	13+	2.402	12.817	28.787	21.628	2.647	0.503
	13-	-2.402	-12.817	-28.787	-21.628	-2.647	-0.503
	14	0.402	2.182	180.66	-2.435	0.462	0.000
	15	0.543	2.946	243.89	-3.287	0.623	-0.013
	16	0.551	4.778	249.83	-5.202	0.640	-0.027
	17	0.692	5.541	313.06	-6.054	0.802	-0.030
	18	-0.075	7.778	181.81	-6.601	-1.221	0.000
	19	0.065	8.542	245.04	-7.453	-1.059	-0.010
	20	0.000	9.076	216.40	-7.984	-1.131	-0.015
	21	0.265	8.135	250.52	-7.702	-0.369	-0.025
	22	0.140	9.840	279.63	-8.837	-0.970	-0.019
	23	0.405	8.899	313.75	-8.554	-0.208	-0.028
	24	0.375	-3.831	179.57	2.316	0.473	-0.045
	25	0.515	-3.067	242.80	1.464	0.635	-0.048
	26	0.449	-2.533	214.16	0.933	0.562	-0.054
	27	0.535	1.170	249.18	-2.351	0.647	-0.048
	28	0.590	-1.770	277.39	0.080	0.724	-0.057
	29	0.675	1.933	312.41	-3.204	0.809	-0.051
	30	0.899	10.834	411.23	-11.659	1.057	-0.066
	31	1.040	11.597	474.46	-12.511	1.218	-0.070
	32	0.974	12.131	445.82	-13.042	1.146	-0.075
	33	0.899	10.834	411.23	-11.659	1.057	-0.066
	34	1.114	12.895	509.05	-13.894	1.307	-0.078
	35	1.040	11.597	474.46	-12.511	1.218	-0.070
	36	0.613	14.191	411.92	-14.158	0.047	-0.065
	37	0.272	13.834	343.21	-13.057	-0.804	-0.046
	38	0.753	14.955	475.15	-15.010	0.209	-0.068
	39	0.413	14.598	406.44	-13.910	-0.643	-0.050
	40	0.687	15.489	446.51	-15.542	0.136	-0.073
	41	0.347	15.132	377.80	-14.441	-0.715	-0.055
	42	0.613	14.191	411.92	-14.158	0.047	-0.065
	43	0.828	16.253	509.74	-16.394	0.298	-0.077
	44	0.488	15.896	441.03	-15.293	-0.553	-0.058
	45	0.753	14.955	475.15	-15.010	0.209	-0.068
	46	0.883	7.226	410.58	-8.808	1.064	-0.088
	47	0.723	2.225	340.97	-4.140	0.890	-0.085
	48	1.023	7.989	473.81	-9.660	1.225	-0.091
	49	0.863	2.989	404.20	-4.993	1.051	-0.088
	50	0.957	8.523	445.16	-10.191	1.153	-0.096
	51	0.797	3.523	375.56	-5.524	0.979	-0.093
	52	0.883	7.226	410.58	-8.808	1.064	-0.088
	53	1.098	9.287	508.40	-11.044	1.314	-0.100
	54	0.938	4.286	438.79	-6.376	1.140	-0.097
	55	1.023	7.989	473.81	-9.660	1.225	-0.091
	56	0.828	3.677	298.57	-4.266	1.286	-0.265
	57	0.968	4.441	361.80	-5.119	1.448	-0.268
	58	0.902	4.975	333.16	-5.650	1.376	-0.273
	59	0.849	5.824	332.37	-6.484	1.217	-0.205
	60	1.043	5.739	396.39	-6.502	1.537	-0.277
	61	0.990	6.588	395.60	-7.336	1.379	-0.209
	62	0.541	7.035	299.27	-6.766	0.277	-0.263
	63	0.223	8.825	264.35	-7.883	-0.643	-0.185
	64	0.682	7.799	362.50	-7.618	0.439	-0.266
	65	0.363	9.589	327.58	-8.735	-0.482	-0.189
	66	0.616	8.333	333.85	-8.149	0.366	-0.272
	67	0.297	10.123	298.94	-9.266	-0.554	-0.194
	68	0.563	9.182	333.06	-8.983	0.208	-0.204
	69	0.756	9.097	397.08	-9.002	0.528	-0.275
	70	0.438	10.886	362.17	-10.119	-0.392	-0.197
	71	0.703	9.946	396.29	-9.836	0.370	-0.207
	72	0.811	0.070	297.92	-1.416	1.293	-0.286
	73	0.673	-2.784	262.11	1.034	1.050	-0.224
	74	0.952	0.833	361.15	-2.268	1.455	-0.289
	75	0.813	-2.021	325.34	0.182	1.212	-0.227
	76	0.886	1.367	332.51	-2.799	1.383	-0.295
	77	0.747	-1.487	296.70	-0.349	1.140	-0.232
	78	0.833	2.216	331.72	-3.633	1.224	-0.227
	79	1.026	2.131	395.74	-3.651	1.544	-0.298
	80	0.888	-0.723	359.93	-1.202	1.301	-0.236
	81	0.973	2.980	394.95	-4.486	1.386	-0.230
	82	0.473	9.338	293.31	-9.827	0.232	0.189
	83	0.614	10.102	356.54	-10.680	0.393	0.185
	84	0.548	10.636	327.90	-11.211	0.321	0.180
	85	0.601	9.787	328.69	-10.377	0.479	0.112
	86	0.689	11.400	391.13	-12.063	0.483	0.177
	87	0.742	10.550	391.92	-11.229	0.641	0.109
	88	0.187	12.696	294.01	-12.327	-0.778	0.190
	89	-0.025	12.787	260.67	-11.776	-1.381	0.132
	90	0.328	13.460	357.24	-13.179	-0.616	0.187
	91	0.115	13.551	323.90	-12.628	-1.220	0.129

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	92	0.262	13.994	328.59	-13.711	-0.688	0.182
	93	0.049	14.085	295.26	-13.159	-1.292	0.124
	94	0.315	13.144	329.38	-12.876	-0.530	0.114
	95	0.402	14.757	391.82	-14.563	-0.527	0.179
	96	0.190	14.849	358.49	-14.011	-1.131	0.120
	97	0.455	13.908	392.61	-13.729	-0.368	0.111
	98	0.457	5.730	292.66	-6.977	0.239	0.167
	99	0.425	1.178	258.43	-2.859	0.312	0.094
	100	0.598	6.494	355.89	-7.829	0.400	0.164
	101	0.565	1.942	321.66	-3.711	0.474	0.090
	102	0.532	7.028	327.25	-8.360	0.328	0.159
	103	0.499	2.476	293.02	-4.242	0.402	0.085
	104	0.585	6.179	328.04	-7.526	0.486	0.091
	105	0.672	7.792	390.48	-9.213	0.490	0.156
	106	0.640	3.240	356.25	-5.094	0.563	0.082
	107	0.725	6.943	391.27	-8.378	0.648	0.088
	108	1.205	-24.747	294.12	25.816	1.292	0.160
	109	1.346	-23.983	357.35	24.964	1.454	0.157
	110	1.280	-23.449	328.71	24.432	1.381	0.151
	111	1.113	-14.073	329.26	14.573	1.221	0.092
	112	1.421	-22.685	391.94	23.580	1.543	0.148
	113	1.254	-13.309	392.49	13.721	1.383	0.089
	114	0.919	-21.389	294.82	23.316	0.283	0.162
	115	0.487	-11.072	261.24	13.175	-0.639	0.112
	116	1.060	-20.625	358.05	22.464	0.444	0.158
	117	0.628	-10.308	324.47	12.322	-0.478	0.109
	118	0.993	-20.091	329.40	21.933	0.372	0.153
	119	0.561	-9.774	295.82	11.791	-0.550	0.104
	120	0.827	-10.715	329.95	12.074	0.212	0.094
	121	1.134	-19.328	392.63	21.080	0.533	0.150
	122	0.702	-9.011	359.05	10.939	-0.389	0.100
	123	0.968	-9.951	393.18	11.222	0.374	0.090
	124	1.189	-28.355	293.47	28.666	1.299	0.139
	125	0.937	-22.681	259.00	22.092	1.054	0.074
	126	1.330	-27.591	356.70	27.814	1.460	0.135
	127	1.078	-21.918	322.23	21.239	1.216	0.070
	128	1.263	-27.057	328.06	27.283	1.388	0.130
	129	1.011	-21.384	293.58	20.708	1.144	0.065
	130	1.097	-17.681	328.60	17.424	1.228	0.071
	131	1.404	-26.293	391.29	26.431	1.550	0.127
	132	1.152	-20.620	356.82	19.856	1.305	0.062
	133	1.238	-16.917	391.83	16.572	1.390	0.067
	134	0.096	37.763	297.76	-39.909	0.226	-0.236
	135	0.237	38.526	360.99	-40.762	0.388	-0.240
	136	0.170	39.060	332.35	-41.293	0.316	-0.245
	137	0.337	29.684	331.80	-31.434	0.475	-0.185
	138	0.311	39.824	395.58	-42.145	0.477	-0.248
	139	0.478	30.448	395.03	-32.286	0.637	-0.189
	140	-0.191	41.120	298.46	-42.409	-0.783	-0.234
	141	-0.290	32.685	263.79	-32.833	-1.385	-0.165
	142	-0.050	41.884	361.69	-43.261	-0.621	-0.238
	143	-0.149	33.448	327.02	-33.685	-1.224	-0.169
	144	-0.116	42.418	333.04	-43.793	-0.694	-0.243
	145	-0.215	33.982	298.37	-34.217	-1.296	-0.174
	146	0.050	33.042	332.50	-33.934	-0.534	-0.183
	147	0.025	43.182	396.27	-44.645	-0.532	-0.246
	148	-0.075	34.746	361.60	-35.069	-1.134	-0.177
	149	0.191	33.805	395.73	-34.786	-0.372	-0.187
	150	0.079	34.155	297.11	-37.059	0.233	-0.257
	151	0.160	21.075	261.55	-23.916	0.308	-0.204
	152	0.220	34.918	360.34	-37.911	0.395	-0.261
	153	0.301	21.839	324.78	-24.768	0.470	-0.207
	154	0.154	35.452	331.70	-38.442	0.322	-0.266
	155	0.235	22.373	296.13	-25.300	0.398	-0.212
	156	0.320	26.076	331.15	-28.584	0.482	-0.206
	157	0.295	36.216	394.93	-39.295	0.484	-0.269
	158	0.376	23.137	359.36	-26.152	0.559	-0.215
	159	0.461	26.840	394.38	-29.436	0.644	-0.210
	160+	31.305	10.171	283.18	1.612	116.28	0.808
	160-	-30.103	1.115	262.60	-13.861	-114.89	-0.873
	161+	12.875	16.974	298.46	12.148	39.464	0.987
	161-	-11.673	-5.688	247.31	-24.397	-38.065	-1.052
	162+	30.920	10.677	284.34	2.729	115.56	0.692
	162-	-29.718	0.608	261.44	-14.978	-114.16	-0.757
	163+	11.882	18.817	302.52	16.213	37.565	0.643
	163-	-10.681	-7.531	243.26	-28.462	-36.166	-0.708
	164+	11.911	18.832	302.54	16.247	37.618	0.647
	164-	-10.709	-7.547	243.24	-28.496	-36.219	-0.712
	165+	31.016	10.728	284.40	2.842	115.73	0.706
	165-	-29.814	0.557	261.37	-15.091	-114.33	-0.771
	166+	31.209	10.120	283.11	1.499	116.11	0.794
	166-	-30.007	1.165	262.66	-13.748	-114.71	-0.859
	167+	12.846	16.958	298.44	12.114	39.412	0.983
	167-	-11.644	-5.673	247.33	-24.363	-38.012	-1.048

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	168	0.348	18.111	280.99	-19.867	0.475	-0.141
	169	0.865	-11.060	279.29	10.804	0.973	0.044
	170	0.524	4.847	278.91	-5.829	0.478	0.057
	171	0.689	2.205	281.37	-3.234	0.970	-0.154
	172	0.722	5.544	333.94	-6.684	0.863	-0.062
	173	0.168	22.755	281.88	-23.434	-0.202	-0.126
	174	0.685	-6.416	280.18	7.238	0.295	0.059
	175	0.344	9.490	279.81	-9.396	-0.199	0.073
	176	0.509	6.849	282.26	-6.801	0.293	-0.139
	177	0.542	10.188	334.83	-10.250	0.185	-0.046
	178	0.291	15.643	257.64	-17.678	0.419	-0.145
	179	0.808	-13.528	255.94	12.994	0.916	0.040
	180	0.467	2.378	255.56	-3.640	0.422	0.054
	181	0.632	-0.264	258.02	-1.045	0.914	-0.158
	182	0.665	3.076	310.59	-4.494	0.806	-0.065
	183	0.000	23.382	259.13	-23.623	-0.710	-0.119
	184	0.508	-5.789	257.43	7.049	-0.213	0.066
	185	0.167	10.117	257.06	-9.584	-0.708	0.079
	186	0.332	7.476	259.51	-6.989	-0.215	-0.132
	187	0.365	10.815	312.08	-10.439	-0.323	-0.040
	188	0.237	24.362	281.35	-26.440	0.369	-0.181
	189	0.976	-17.311	278.92	17.377	1.079	0.084
	190	0.488	5.413	278.39	-6.385	0.373	0.103
	191	0.725	1.639	281.89	-2.678	1.076	-0.200
	192	0.772	6.410	357.00	-7.606	0.922	-0.067
	193	0.057	29.006	282.25	-30.007	-0.309	-0.165
	194	0.796	-12.667	279.82	13.810	0.402	0.099
	195	0.308	10.056	279.28	-9.952	-0.305	0.118
	196	0.545	6.283	282.79	-6.245	0.398	-0.184
	197	0.592	11.053	357.89	-11.173	0.245	-0.052
	198	0.241	14.777	234.58	-16.756	0.360	-0.139
	199	0.759	-14.394	232.89	13.916	0.857	0.046
	200	0.417	1.513	232.51	-2.717	0.362	0.059
	201	0.582	-1.129	234.96	-0.122	0.854	-0.152
	202	0.616	2.211	287.54	-3.572	0.747	-0.060
	203	-0.059	22.517	236.08	-22.700	-0.770	-0.113
	204	0.459	-6.654	234.38	7.971	-0.272	0.071
	205	0.117	9.252	234.00	-8.662	-0.767	0.085
	206	0.282	6.611	236.45	-6.067	-0.275	-0.127
	207	0.316	9.950	289.03	-9.517	-0.382	-0.034
	208	0.359	20.517	281.42	-21.768	0.471	-0.127
	209	0.876	-8.654	279.72	8.904	0.968	0.058
	210	0.535	7.252	279.35	-7.730	0.473	0.071
	211	0.700	4.610	281.80	-5.134	0.966	-0.140
	212	0.733	7.950	334.37	-8.584	0.858	-0.048
	213	0.187	23.497	258.30	-25.518	0.309	-0.175
	214	0.927	-18.176	255.87	18.299	1.020	0.089
	215	0.439	4.548	255.33	-5.463	0.313	0.108
	216	0.675	0.774	258.83	-1.755	1.016	-0.194
	217	0.722	5.544	333.94	-6.684	0.863	-0.062
	218	0.000	28.141	259.19	-29.084	-0.368	-0.160
	219	0.747	-13.532	256.76	14.732	0.342	0.105
	220	0.259	9.191	256.22	-9.030	-0.364	0.124
	221	0.495	5.417	259.73	-5.322	0.339	-0.179
	222	0.542	10.188	334.83	-10.250	0.185	-0.046
	223	0.491	1.507	226.34	-2.379	0.585	-0.035
	224	0.310	6.151	227.23	-5.946	-0.092	-0.020
	225	0.248	26.768	281.79	-28.340	0.364	-0.166
	226	0.987	-14.905	279.36	15.476	1.075	0.098
	227	0.499	7.818	278.82	-8.286	0.368	0.117
	228	0.736	4.044	282.33	-4.578	1.071	-0.186
	229	0.783	8.815	357.43	-9.506	0.918	-0.053
	230	0.433	-0.962	202.99	-0.190	0.529	-0.039
	231	0.133	6.778	204.48	-6.135	-0.600	-0.013
	232	0.198	25.902	258.73	-27.418	0.305	-0.161
	233	0.938	-15.771	256.30	16.399	1.015	0.103
	234	0.450	6.953	255.76	-7.363	0.308	0.122
	235	0.686	3.179	259.27	-3.656	1.012	-0.180
	236	0.733	7.950	334.37	-8.584	0.858	-0.048
	237	0.384	-1.827	179.93	0.732	0.469	-0.033
	238	0.084	5.913	181.43	-5.212	-0.660	0.000
	239	0.501	3.912	226.77	-4.280	0.581	-0.021
	240	0.402	2.182	180.66	-2.435	0.462	0.000
	241	0.276	15.612	227.36	-16.791	0.369	-0.105
	242	0.720	-9.391	225.90	9.499	0.795	0.053
	243	0.427	4.243	225.58	-4.759	0.371	0.065
	244	0.569	1.978	227.68	-2.534	0.793	-0.117
	245	0.597	4.841	272.74	-5.491	0.701	-0.037
	246	0.216	17.160	227.65	-17.980	0.143	-0.100
	247	0.660	-7.843	226.20	8.310	0.569	0.059
	248	0.367	5.791	225.87	-5.947	0.145	0.070
	249	0.509	3.526	227.98	-3.723	0.567	-0.111
	250	0.537	6.389	273.04	-6.680	0.475	-0.032
	251	0.299	16.760	236.72	-17.794	0.391	-0.103

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	252	0.743	-8.243	235.27	8.496	0.818	0.056
	253	0.451	5.391	234.94	-5.761	0.394	0.067
	254	0.592	3.126	237.05	-3.536	0.815	-0.114
	255	0.621	5.989	282.11	-6.493	0.723	-0.035
	256	0.259	18.786	235.31	-19.923	0.352	-0.116
	257	0.777	-10.385	233.61	10.749	0.849	0.069
	258	0.435	5.522	233.23	-5.885	0.354	0.083
	259	0.601	2.880	235.69	-3.290	0.847	-0.129
	260	0.634	6.219	288.26	-6.739	0.739	-0.036
	261	0.398	1.380	180.51	-1.802	0.463	-0.015
	262	0.338	2.928	180.81	-2.991	0.237	0.000
	263	0.422	2.528	189.88	-2.804	0.485	-0.012
	264	0.402	2.182	180.66	-2.435	0.462	0.000
	265	0.280	16.414	227.50	-17.425	0.368	-0.100
	266	0.723	-8.590	226.04	8.865	0.794	0.058
	267	0.431	5.044	225.72	-5.392	0.370	0.070
	268	0.572	2.780	227.82	-3.168	0.792	-0.112
	269	0.601	5.643	272.89	-6.124	0.700	-0.032
	270	0.402	2.182	180.66	-2.435	0.462	0.000
11	1	1.164	0.997	45.458	-1.144	0.097	-0.451
	2	0.432	-0.280	8.990	0.421	0.046	-0.170
	3	-1.561	0.619	-0.769	-1.748	-1.199	-0.035
	4	1.582	-2.381	0.697	2.703	0.526	-0.033
	5	1.440	-0.932	29.967	1.405	0.154	-0.567
	6	1.188	8.892	-5.595	-11.293	-0.140	-0.761
	7	0.252	-9.824	35.561	12.698	0.294	0.194
	8	-0.309	13.303	-8.514	-17.362	-0.160	0.178
	9	1.749	-14.235	38.481	18.767	0.314	-0.745
	10+	39.189	31.775	7.867	40.197	105.09	2.627
	10-	-39.189	-31.775	-7.867	-40.197	-105.09	-2.627
	11+	39.180	30.692	7.703	38.821	105.22	2.564
	11-	-39.180	-30.692	-7.703	-38.821	-105.22	-2.564
	12+	2.904	24.023	7.692	32.249	1.673	2.149
	12-	-2.904	-24.023	-7.692	-32.249	-1.673	-2.149
	13+	5.750	50.588	15.952	66.239	1.812	1.718
	13-	-5.750	-50.588	-15.952	-66.239	-1.812	-1.718
	14	1.164	0.997	45.458	-1.144	0.097	-0.451
	15	1.572	1.345	61.368	-1.545	0.131	-0.609
	16	1.812	0.577	58.943	-0.512	0.166	-0.706
	17	2.219	0.926	74.853	-0.912	0.200	-0.864
	18	-1.177	1.925	44.304	-3.766	-1.702	-0.504
	19	-0.770	2.273	60.214	-4.167	-1.668	-0.662
	20	-0.853	1.715	51.046	-3.450	-1.668	-0.632
	21	0.407	1.134	58.251	-2.085	-0.914	-0.738
	22	-0.446	2.064	66.957	-3.850	-1.634	-0.789
	23	0.815	1.483	74.161	-2.486	-0.880	-0.896
	24	3.538	-2.575	46.504	2.911	0.886	-0.500
	25	3.945	-2.226	62.414	2.510	0.920	-0.658
	26	3.862	-2.785	53.247	3.227	0.921	-0.628
	27	3.236	-1.566	59.571	1.921	0.640	-0.736
	28	4.269	-2.436	69.157	2.826	0.955	-0.785
	29	3.644	-1.217	75.481	1.520	0.673	-0.894
	30	3.324	-0.402	90.408	0.963	0.327	-1.302
	31	3.731	-0.053	106.32	0.563	0.361	-1.460
	32	3.647	-0.612	97.151	1.279	0.362	-1.430
	33	3.324	-0.402	90.408	0.963	0.327	-1.302
	34	4.055	-0.263	113.06	0.879	0.396	-1.587
	35	3.731	-0.053	106.32	0.563	0.361	-1.460
	36	1.919	0.155	89.716	-0.610	-0.752	-1.334
	37	0.335	0.946	75.769	-2.291	-1.541	-1.100
	38	2.326	0.504	105.63	-1.010	-0.718	-1.492
	39	0.742	1.294	91.679	-2.691	-1.507	-1.257
	40	2.243	-0.055	96.458	-0.294	-0.718	-1.461
	41	0.659	0.736	82.512	-1.975	-1.506	-1.227
	42	1.919	0.155	89.716	-0.610	-0.752	-1.334
	43	2.650	0.294	112.37	-0.694	-0.684	-1.619
	44	1.066	1.085	98.422	-2.375	-1.473	-1.385
	45	2.326	0.504	105.63	-1.010	-0.718	-1.492
	46	4.748	-2.545	91.036	3.396	0.801	-1.331
	47	5.049	-3.554	77.969	4.386	1.048	-1.096
	48	5.155	-2.196	106.95	2.996	0.835	-1.489
	49	5.457	-3.205	93.880	3.985	1.082	-1.253
	50	5.072	-2.755	97.778	3.712	0.836	-1.459
	51	5.373	-3.764	84.712	4.702	1.082	-1.223
	52	4.748	-2.545	91.036	3.396	0.801	-1.331
	53	5.479	-2.406	113.69	3.312	0.869	-1.617
	54	5.781	-3.415	100.62	4.301	1.116	-1.381
	55	5.155	-2.196	106.95	2.996	0.835	-1.489
	56	2.946	14.334	37.066	-18.084	-0.113	-1.593
	57	3.353	14.683	52.976	-18.485	-0.079	-1.750
	58	3.270	14.125	43.809	-17.768	-0.079	-1.720
	59	3.059	9.914	53.069	-12.370	0.019	-1.505
	60	3.677	14.473	59.719	-18.169	-0.045	-1.878
	61	3.467	10.262	68.979	-12.771	0.053	-1.663

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	62	1.541	14.891	36.374	-19.657	-1.192	-1.624
	63	0.070	11.261	38.430	-15.624	-1.849	-1.303
	64	1.949	15.240	52.284	-20.058	-1.159	-1.782
	65	0.478	11.610	54.340	-16.025	-1.815	-1.461
	66	1.865	14.681	43.116	-19.341	-1.158	-1.752
	67	0.394	11.051	45.172	-15.308	-1.815	-1.431
	68	1.655	10.470	52.376	-13.943	-1.060	-1.537
	69	2.273	15.030	59.026	-19.742	-1.124	-1.910
	70	0.802	11.400	61.082	-15.708	-1.781	-1.588
	71	2.062	10.819	68.287	-14.344	-1.027	-1.695
	72	4.370	12.191	37.694	-15.651	0.361	-1.622
	73	4.785	6.761	40.630	-8.947	0.740	-1.299
	74	4.778	12.540	53.604	-16.052	0.395	-1.780
	75	5.193	7.110	56.540	-9.348	0.773	-1.457
	76	4.694	11.982	44.436	-15.335	0.395	-1.750
	77	5.109	6.551	47.372	-8.631	0.774	-1.427
	78	4.483	7.770	53.696	-9.937	0.493	-1.535
	79	5.102	12.330	60.347	-15.736	0.429	-1.907
	80	5.516	6.900	63.283	-9.032	0.808	-1.584
	81	4.891	8.119	69.607	-10.338	0.527	-1.693
	82	1.542	-13.740	98.800	17.903	0.537	-0.161
	83	1.949	-13.391	114.71	17.503	0.571	-0.318
	84	1.866	-13.950	105.54	18.219	0.572	-0.288
	85	2.076	-9.738	96.283	12.821	0.474	-0.503
	86	2.273	-13.601	121.45	17.819	0.605	-0.446
	87	2.484	-9.390	112.19	12.421	0.508	-0.661
	88	0.137	-13.183	98.108	16.330	-0.542	-0.192
	89	-0.913	-8.391	81.643	9.567	-1.394	-0.301
	90	0.544	-12.834	114.02	15.930	-0.509	-0.350
	91	-0.505	-8.042	97.554	9.167	-1.360	-0.458
	92	0.461	-13.393	104.85	16.646	-0.508	-0.320
	93	-0.589	-8.601	88.386	9.883	-1.360	-0.428
	94	0.672	-9.182	95.590	11.248	-0.605	-0.535
	95	0.868	-13.044	120.76	16.246	-0.474	-0.478
	96	-0.181	-8.252	104.30	9.483	-1.326	-0.586
	97	1.079	-8.833	111.50	10.848	-0.572	-0.693
	98	2.966	-15.883	99.428	20.336	1.011	-0.190
	99	3.802	-12.891	83.844	16.244	1.195	-0.297
	100	3.373	-15.534	115.34	19.936	1.045	-0.348
	101	4.209	-12.542	99.754	15.843	1.228	-0.454
	102	3.290	-16.093	106.17	20.652	1.045	-0.317
	103	4.126	-13.101	90.586	16.560	1.229	-0.424
	104	3.500	-11.882	96.910	15.254	0.948	-0.532
	105	3.697	-15.744	122.08	20.252	1.079	-0.475
	106	4.533	-12.752	106.50	16.160	1.263	-0.582
	107	3.908	-11.533	112.82	14.854	0.982	-0.690
	108	0.700	20.951	32.687	-27.188	-0.144	-0.185
	109	1.108	21.300	48.598	-27.588	-0.110	-0.342
	110	1.024	20.741	39.430	-26.872	-0.109	-0.312
	111	1.487	14.545	50.004	-18.742	0.000	-0.520
	112	1.432	21.090	55.340	-27.272	-0.076	-0.470
	113	1.895	14.894	65.914	-19.143	0.031	-0.678
	114	-0.704	21.508	31.995	-28.761	-1.223	-0.216
	115	-1.502	15.893	35.364	-21.997	-1.871	-0.317
	116	-0.297	21.857	47.905	-29.161	-1.190	-0.374
	117	-1.094	16.242	51.275	-22.397	-1.837	-0.475
	118	-0.380	21.298	38.737	-28.445	-1.189	-0.344
	119	-1.178	15.683	42.107	-21.680	-1.836	-0.445
	120	0.083	15.102	49.311	-20.316	-1.082	-0.552
	121	0.027	21.647	54.648	-28.845	-1.155	-0.502
	122	-0.770	16.032	58.017	-22.081	-1.802	-0.603
	123	0.490	15.451	65.221	-20.716	-1.048	-0.709
	124	2.125	18.808	33.315	-24.755	0.330	-0.214
	125	3.213	11.393	37.565	-15.320	0.718	-0.313
	126	2.532	19.157	49.225	-25.155	0.364	-0.372
	127	3.621	11.742	53.475	-15.720	0.752	-0.471
	128	2.449	18.598	40.058	-24.439	0.364	-0.342
	129	3.537	11.183	44.307	-15.004	0.752	-0.441
	130	2.912	12.402	50.631	-16.310	0.471	-0.549
	131	2.856	18.947	55.968	-24.839	0.398	-0.499
	132	3.945	11.532	60.217	-15.404	0.786	-0.599
	133	3.319	12.751	66.542	-16.710	0.505	-0.707
	134	3.787	-20.356	103.18	27.007	0.568	-1.568
	135	4.195	-20.008	119.09	26.606	0.602	-1.726
	136	4.111	-20.566	109.92	27.323	0.602	-1.696
	137	3.648	-14.370	99.348	19.194	0.496	-1.489
	138	4.519	-20.217	125.83	26.922	0.636	-1.854
	139	4.056	-14.021	115.26	18.793	0.529	-1.646
	140	2.383	-19.800	102.49	25.434	-0.512	-1.600
	141	0.659	-13.022	84.709	15.940	-1.372	-1.286
	142	2.790	-19.451	118.40	25.033	-0.478	-1.758
	143	1.067	-12.674	100.62	15.539	-1.339	-1.444
	144	2.707	-20.009	109.23	25.750	-0.477	-1.728
	145	0.983	-13.232	91.451	16.256	-1.338	-1.414

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	146	2.243	-13.813	98.655	17.620	-0.584	-1.520
	147	3.114	-19.660	125.14	25.349	-0.443	-1.886
	148	1.391	-12.883	107.36	15.855	-1.304	-1.572
	149	2.651	-13.464	114.57	17.220	-0.550	-1.678
	150	5.211	-22.499	103.81	29.440	1.042	-1.598
	151	5.374	-17.522	86.909	22.616	1.216	-1.282
	152	5.619	-22.151	119.72	29.039	1.076	-1.756
	153	5.781	-17.173	102.82	22.216	1.250	-1.440
	154	5.535	-22.709	110.55	29.756	1.076	-1.725
	155	5.698	-17.732	93.651	22.932	1.251	-1.410
	156	5.072	-16.513	99.975	21.627	0.969	-1.518
	157	5.943	-22.360	126.46	29.355	1.110	-1.883
	158	6.105	-17.383	109.56	22.532	1.285	-1.568
	159	5.480	-16.164	115.89	21.226	1.003	-1.676
	160+	42.089	39.419	73.613	49.571	105.78	2.480
	160-	-38.033	-38.545	53.263	-50.173	-105.40	-4.063
	161+	16.689	33.993	73.491	44.007	33.389	2.146
	161-	-12.633	-33.119	53.386	-44.609	-33.012	-3.728
	162+	42.933	46.305	75.927	58.392	105.96	2.288
	162-	-38.878	-45.431	50.950	-58.995	-105.58	-3.871
	163+	19.532	60.233	81.701	77.585	33.568	1.695
	163-	-15.477	-59.358	45.176	-78.187	-33.190	-3.278
	164+	19.535	60.557	81.750	77.997	33.528	1.714
	164-	-15.479	-59.683	45.126	-78.600	-33.150	-3.297
	165+	42.942	47.388	76.091	59.768	105.82	2.351
	165-	-38.887	-46.514	50.786	-60.370	-105.45	-3.934
	166+	42.080	38.336	73.449	48.195	105.91	2.417
	166-	-38.024	-37.462	53.427	-48.797	-105.54	-4.000
	167+	16.686	33.668	73.442	43.594	33.429	2.127
	167-	-12.631	-32.794	53.435	-44.197	-33.051	-3.709
	168	3.770	-10.677	81.803	14.036	0.679	-1.162
	169	2.329	8.600	48.907	-11.254	0.346	-0.516
	170	2.722	-7.589	79.760	9.788	0.664	-0.505
	171	3.377	5.512	50.950	-7.006	0.361	-1.173
	172	3.553	-1.364	75.843	1.883	0.566	-1.038
	173	1.884	-8.877	80.923	11.366	-0.357	-1.164
	174	0.443	10.400	48.027	-13.925	-0.689	-0.518
	175	0.836	-5.789	78.879	7.117	-0.371	-0.507
	176	1.491	7.312	50.070	-9.677	-0.675	-1.175
	177	1.667	0.435	74.963	-0.788	-0.469	-1.039
	178	4.187	-11.489	77.587	14.907	0.866	-1.090
	179	2.746	7.788	44.691	-10.384	0.534	-0.444
	180	3.139	-8.401	75.543	10.659	0.852	-0.433
	181	3.794	4.700	46.734	-6.136	0.548	-1.101
	182	3.970	-2.177	71.627	2.753	0.754	-0.966
	183	1.043	-8.489	76.120	10.456	-0.860	-1.093
	184	-0.397	10.787	43.224	-14.835	-1.192	-0.447
	185	0.000	-5.402	74.077	6.207	-0.874	-0.436
	186	0.651	7.700	45.267	-10.587	-1.177	-1.104
	187	0.827	0.823	70.160	-1.698	-0.972	-0.968
	188	4.078	-14.807	88.852	19.456	0.750	-1.301
	189	2.020	12.731	41.858	-16.674	0.275	-0.378
	190	2.581	-10.396	85.933	13.387	0.729	-0.362
	191	3.517	8.320	44.777	-10.605	0.296	-1.317
	192	3.769	-1.504	80.338	2.093	0.589	-1.123
	193	2.192	-13.007	87.972	16.785	-0.286	-1.302
	194	0.134	14.531	40.978	-19.345	-0.760	-0.380
	195	0.695	-8.596	85.053	10.716	-0.306	-0.364
	196	1.632	10.120	43.897	-13.276	-0.740	-1.318
	197	1.883	0.296	79.458	-0.577	-0.446	-1.125
	198	3.971	-11.349	73.092	14.696	0.843	-1.005
	199	2.530	7.927	40.196	-10.595	0.511	-0.359
	200	2.923	-8.262	71.048	10.448	0.829	-0.348
	201	3.578	4.840	42.239	-6.346	0.525	-1.016
	202	3.754	-2.037	67.132	2.542	0.731	-0.881
	203	0.828	-8.349	71.625	10.245	-0.883	-1.008
	204	-0.613	10.927	38.729	-15.046	-1.215	-0.362
	205	-0.220	-5.262	69.582	5.997	-0.897	-0.351
	206	0.435	7.840	40.772	-10.797	-1.201	-1.019
	207	0.611	0.963	65.665	-1.909	-0.995	-0.883
	208	2.820	-9.248	81.385	12.414	0.363	-1.143
	209	1.380	10.029	48.488	-12.876	0.030	-0.497
	210	1.772	-6.160	79.341	8.166	0.348	-0.486
	211	2.428	6.941	50.532	-8.628	0.045	-1.154
	212	2.604	0.064	75.425	0.261	0.250	-1.018
	213	3.862	-14.667	84.357	19.245	0.727	-1.216
	214	1.804	12.871	37.363	-16.885	0.252	-0.293
	215	2.365	-10.256	81.438	13.176	0.706	-0.277
	216	3.302	8.460	40.282	-10.816	0.273	-1.232
	217	3.553	-1.364	75.843	1.883	0.566	-1.038
	218	1.976	-12.867	83.477	16.574	-0.309	-1.217
	219	-0.081	14.671	36.483	-19.555	-0.783	-0.295
	220	0.479	-8.456	80.558	10.505	-0.329	-0.279
	221	1.416	10.260	39.402	-13.486	-0.763	-1.233

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	222	1.667	0.435	74.963	-0.788	-0.469	-1.039
	223	2.545	-0.712	54.867	0.899	0.459	-0.641
	224	0.660	1.088	53.986	-1.771	-0.577	-0.642
	225	3.129	-13.379	88.434	17.834	0.434	-1.281
	226	1.071	14.160	41.439	-18.296	-0.041	-0.359
	227	1.632	-8.968	85.515	11.765	0.413	-0.342
	228	2.568	9.749	44.358	-12.227	-0.020	-1.297
	229	2.820	-0.076	79.920	0.471	0.273	-1.103
	230	2.962	-1.524	50.650	1.770	0.646	-0.569
	231	-0.181	1.475	49.184	-2.681	-1.080	-0.571
	232	2.913	-13.239	83.939	17.623	0.411	-1.196
	233	0.855	14.300	36.944	-18.507	-0.064	-0.273
	234	1.416	-8.828	81.020	11.554	0.390	-0.257
	235	2.352	9.889	39.863	-12.438	-0.043	-1.212
	236	2.604	0.064	75.425	0.261	0.250	-1.018
	237	2.747	-1.385	46.155	1.559	0.623	-0.484
	238	-0.397	1.615	44.689	-2.892	-1.103	-0.486
	239	1.596	0.717	54.448	-0.723	0.143	-0.621
	240	1.164	0.997	45.458	-1.144	0.097	-0.451
	241	2.530	-8.021	68.686	10.657	0.390	-0.905
	242	1.295	8.502	40.489	-11.021	0.106	-0.351
	243	1.632	-5.374	66.934	7.015	0.378	-0.341
	244	2.193	5.856	42.241	-7.380	0.118	-0.914
	245	2.344	-0.039	63.578	0.239	0.294	-0.798
	246	1.901	-7.421	68.393	9.767	0.045	-0.905
	247	0.666	9.102	40.196	-11.911	-0.239	-0.352
	248	1.003	-4.774	66.641	6.125	0.033	-0.342
	249	1.565	6.455	41.947	-8.270	-0.227	-0.915
	250	1.716	0.561	63.284	-0.651	-0.051	-0.798
	251	2.300	-7.601	70.344	10.200	0.294	-0.932
	252	1.065	8.922	42.148	-11.477	0.000	-0.379
	253	1.401	-4.954	68.593	6.559	0.282	-0.369
	254	1.963	6.276	43.899	-7.836	0.022	-0.942
	255	2.114	0.381	65.236	-0.217	0.198	-0.825
	256	2.388	-8.968	72.394	11.993	0.317	-0.973
	257	0.948	10.309	39.498	-13.298	-0.016	-0.327
	258	1.340	-5.880	70.351	7.745	0.302	-0.315
	259	1.996	7.221	41.542	-9.050	0.000	-0.984
	260	2.172	0.344	66.435	-0.161	0.204	-0.848
	261	1.481	0.520	45.598	-0.604	0.202	-0.458
	262	0.852	1.120	45.304	-1.494	-0.143	-0.458
	263	1.250	0.941	47.256	-1.060	0.106	-0.485
	264	1.164	0.997	45.458	-1.144	0.097	-0.451
	265	2.213	-7.545	68.546	10.116	0.285	-0.898
	266	0.979	8.978	40.350	-11.562	0.000	-0.344
	267	1.315	-4.898	66.795	6.475	0.273	-0.335
	268	1.877	6.332	42.101	-7.920	0.013	-0.908
	269	2.028	0.437	63.438	-0.301	0.189	-0.791
	270	1.164	0.997	45.458	-1.144	0.097	-0.451
21	1	0.232	2.551	182.23	-3.166	0.266	0.043
	2	0.066	1.989	46.479	-2.220	0.079	0.011
	3	-0.312	2.670	0.662	-2.060	-1.106	0.000
	4	0.000	-4.084	-0.930	3.310	0.011	0.000
	5	0.221	6.631	154.93	-7.401	0.263	0.036
	6	0.599	3.383	77.571	-3.854	0.903	-0.034
	7	-0.379	3.248	77.358	-3.547	-0.640	0.070
	8	0.176	-19.507	77.976	20.240	0.167	0.054
	9	0.045	26.138	76.952	-27.640	0.096	-0.018
	10+	28.353	0.831	1.269	1.223	112.66	0.291
	10-	-28.353	-0.831	-1.269	-1.223	-112.66	-0.291
	11+	28.295	0.832	1.264	1.222	112.53	0.285
	11-	-28.295	-0.832	-1.264	-1.222	-112.53	-0.285
	12+	2.565	17.510	31.559	27.089	3.445	0.648
	12-	-2.565	-17.510	-31.559	-27.089	-3.445	-0.648
	13+	0.971	18.521	33.686	29.200	1.167	0.203
	13-	-0.971	-18.521	-33.686	-29.200	-1.167	-0.203
	14	0.232	2.551	182.23	-3.166	0.266	0.043
	15	0.313	3.444	246.01	-4.274	0.360	0.058
	16	0.331	5.535	251.95	-6.496	0.385	0.059
	17	0.412	6.428	315.73	-7.604	0.478	0.074
	18	-0.236	6.556	183.22	-6.256	-1.393	0.039
	19	-0.155	7.449	247.00	-7.364	-1.300	0.054
	20	-0.187	8.048	218.08	-7.922	-1.334	0.047
	21	0.050	7.938	252.54	-8.351	-0.611	0.057
	22	-0.105	8.941	281.86	-9.030	-1.241	0.062
	23	0.132	8.831	316.32	-9.459	-0.518	0.071
	24	0.229	-3.574	180.84	1.799	0.283	0.031
	25	0.310	-2.682	244.62	0.691	0.376	0.046
	26	0.279	-2.082	215.69	0.134	0.342	0.039
	27	0.329	1.860	251.11	-3.517	0.395	0.052
	28	0.360	-1.190	279.47	-0.974	0.436	0.054
	29	0.411	2.752	314.89	-4.625	0.488	0.067
	30	0.563	12.498	414.62	-14.267	0.661	0.096
	31	0.644	13.390	478.40	-15.375	0.754	0.111

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	32	0.613	13.990	449.48	-15.932	0.720	0.104
	33	0.563	12.498	414.62	-14.267	0.661	0.096
	34	0.694	14.882	513.26	-17.040	0.813	0.119
	35	0.644	13.390	478.40	-15.375	0.754	0.111
	36	0.282	14.901	415.22	-16.122	-0.335	0.094
	37	0.000	13.519	345.90	-14.027	-1.117	0.076
	38	0.363	15.794	479.00	-17.230	-0.242	0.109
	39	0.077	14.412	409.68	-15.135	-1.024	0.091
	40	0.332	16.393	450.08	-17.787	-0.276	0.102
	41	0.045	15.011	380.76	-15.693	-1.058	0.084
	42	0.282	14.901	415.22	-16.122	-0.335	0.094
	43	0.413	17.286	513.86	-18.895	-0.183	0.117
	44	0.126	15.904	444.54	-16.801	-0.965	0.099
	45	0.363	15.794	479.00	-17.230	-0.242	0.109
	46	0.561	8.822	413.79	-11.288	0.671	0.089
	47	0.461	3.388	343.51	-5.972	0.559	0.068
	48	0.642	9.715	477.57	-12.396	0.764	0.104
	49	0.542	4.281	407.29	-7.080	0.652	0.083
	50	0.611	10.315	448.64	-12.953	0.730	0.097
	51	0.510	4.880	378.37	-7.637	0.618	0.076
	52	0.561	8.822	413.79	-11.288	0.671	0.089
	53	0.692	11.207	512.43	-14.061	0.823	0.112
	54	0.592	5.773	442.15	-8.745	0.711	0.091
	55	0.642	9.715	477.57	-12.396	0.764	0.104
	56	1.131	7.626	298.59	-8.946	1.621	0.000
	57	1.212	8.518	362.37	-10.054	1.714	0.000
	58	1.181	9.118	333.44	-10.611	1.680	0.000
	59	0.961	9.087	333.40	-10.542	1.333	0.023
	60	1.262	10.010	397.23	-11.719	1.774	0.015
	61	1.042	9.980	397.18	-11.650	1.426	0.038
	62	0.850	10.029	299.18	-10.800	0.626	-0.010
	63	0.393	10.109	264.67	-10.303	-0.444	0.000
	64	0.931	10.922	362.96	-11.908	0.719	0.000
	65	0.474	11.001	328.45	-11.411	-0.351	0.018
	66	0.900	11.521	334.04	-12.466	0.685	0.000
	67	0.443	11.601	299.53	-11.968	-0.385	0.011
	68	0.680	11.491	333.99	-12.397	0.337	0.021
	69	0.981	12.414	397.82	-13.574	0.778	0.012
	70	0.524	12.493	363.31	-13.076	-0.292	0.026
	71	0.761	12.383	397.77	-13.505	0.431	0.036
	72	1.129	3.950	297.75	-5.967	1.631	-0.015
	73	0.858	-0.022	262.28	-2.247	1.232	0.000
	74	1.211	4.843	361.53	-7.075	1.725	0.000
	75	0.940	0.871	326.07	-3.355	1.325	0.010
	76	1.179	5.443	332.61	-7.632	1.691	0.000
	77	0.908	1.470	297.14	-3.912	1.291	0.000
	78	0.959	5.412	332.56	-7.563	1.343	0.016
	79	1.260	6.335	396.39	-8.740	1.784	0.000
	80	0.989	2.363	360.92	-5.020	1.384	0.018
	81	1.040	6.305	396.34	-8.671	1.436	0.031
	82	-0.336	7.423	298.27	-8.487	-0.694	0.147
	83	-0.255	8.316	362.05	-9.595	-0.601	0.162
	84	-0.287	8.915	333.13	-10.152	-0.635	0.155
	85	-0.066	8.945	333.17	-10.221	-0.288	0.132
	86	-0.205	9.808	396.91	-11.260	-0.542	0.170
	87	0.015	9.838	396.95	-11.329	-0.195	0.147
	88	-0.617	9.826	298.86	-10.341	-1.690	0.145
	89	-0.634	9.967	264.45	-9.981	-2.065	0.112
	90	-0.536	10.719	362.64	-11.449	-1.597	0.160
	91	-0.553	10.859	328.23	-11.089	-1.972	0.127
	92	-0.567	11.318	333.72	-12.006	-1.631	0.153
	93	-0.584	11.459	299.31	-11.646	-2.006	0.120
	94	-0.347	11.349	333.77	-12.075	-1.283	0.130
	95	-0.486	12.211	397.50	-13.114	-1.538	0.168
	96	-0.503	12.351	363.09	-12.754	-1.913	0.135
	97	-0.266	12.241	397.55	-13.183	-1.190	0.145
	98	-0.338	3.748	297.43	-5.508	-0.684	0.140
	99	-0.169	-0.164	262.06	-1.925	-0.389	0.104
	100	-0.257	4.640	361.21	-6.616	-0.591	0.155
	101	-0.088	0.729	325.84	-3.033	-0.296	0.119
	102	-0.288	5.240	332.29	-7.173	-0.625	0.148
	103	-0.119	1.328	296.92	-3.591	-0.330	0.112
	104	-0.068	5.270	332.34	-7.242	-0.278	0.125
	105	-0.207	6.132	396.07	-8.281	-0.532	0.163
	106	-0.038	2.221	360.70	-4.699	-0.237	0.127
	107	0.013	6.163	396.12	-8.350	-0.185	0.140
	108	0.496	-26.709	299.19	27.194	0.517	0.123
	109	0.577	-25.816	362.97	26.086	0.610	0.138
	110	0.546	-25.217	334.05	25.528	0.576	0.131
	111	0.516	-14.947	333.82	14.755	0.560	0.115
	112	0.627	-24.324	397.83	24.420	0.669	0.146
	113	0.597	-14.054	397.60	13.647	0.653	0.130
	114	0.215	-24.306	299.79	25.339	-0.479	0.121
	115	-0.051	-13.926	265.10	14.995	-1.218	0.095

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	116	0.296	-23.413	363.57	24.231	-0.386	0.136
	117	0.030	-13.033	328.88	13.887	-1.125	0.110
	118	0.265	-22.814	334.65	23.674	-0.420	0.129
	119	0.000	-12.434	299.96	13.330	-1.159	0.103
	120	0.235	-12.544	334.42	12.901	-0.436	0.113
	121	0.346	-21.921	398.43	22.566	-0.327	0.144
	122	0.079	-11.541	363.74	12.222	-1.065	0.118
	123	0.316	-11.651	398.20	11.793	-0.343	0.128
	124	0.494	-30.384	298.36	30.173	0.527	0.116
	125	0.414	-24.057	262.71	23.051	0.458	0.087
	126	0.575	-29.492	362.14	29.065	0.620	0.131
	127	0.495	-23.164	326.49	21.943	0.552	0.102
	128	0.544	-28.892	333.22	28.507	0.586	0.124
	129	0.464	-22.564	297.57	21.386	0.518	0.095
	130	0.514	-18.622	332.99	17.734	0.570	0.108
	131	0.625	-28.000	397.00	27.399	0.679	0.139
	132	0.545	-21.672	361.35	20.278	0.611	0.110
	133	0.596	-17.730	396.77	16.626	0.663	0.123
	134	0.299	41.758	297.66	-44.626	0.410	0.016
	135	0.380	42.650	361.44	-45.734	0.503	0.031
	136	0.349	43.250	332.52	-46.292	0.469	0.024
	137	0.378	32.980	332.75	-35.519	0.485	0.040
	138	0.430	44.142	396.30	-47.400	0.563	0.039
	139	0.459	33.872	396.53	-36.627	0.579	0.055
	140	0.018	44.161	298.25	-46.481	-0.585	0.014
	141	-0.189	34.001	264.02	-35.279	-1.292	0.020
	142	0.099	45.054	362.03	-47.589	-0.492	0.029
	143	-0.108	34.894	327.80	-36.387	-1.199	0.035
	144	0.068	45.653	333.11	-48.146	-0.526	0.022
	145	-0.140	35.493	298.88	-36.944	-1.233	0.028
	146	0.097	35.383	333.34	-37.373	-0.510	0.038
	147	0.149	46.546	396.89	-49.254	-0.433	0.037
	148	-0.059	36.386	362.66	-38.052	-1.140	0.043
	149	0.178	36.276	397.12	-38.481	-0.417	0.053
	150	0.297	38.083	296.82	-41.647	0.420	0.000
	151	0.276	23.870	261.64	-27.223	0.384	0.012
	152	0.378	38.975	360.60	-42.755	0.514	0.024
	153	0.357	24.763	325.42	-28.331	0.477	0.027
	154	0.347	39.575	331.68	-43.313	0.480	0.017
	155	0.326	25.362	296.49	-28.888	0.443	0.020
	156	0.376	29.305	331.91	-32.540	0.495	0.033
	157	0.428	40.467	395.46	-44.421	0.573	0.032
	158	0.407	26.255	360.27	-29.996	0.536	0.035
	159	0.458	30.197	395.69	-33.648	0.589	0.048
	160+	29.487	12.614	285.92	1.743	114.12	0.550
	160-	-28.759	0.446	264.45	-16.955	-113.27	-0.421
	161+	11.436	24.289	307.13	19.849	37.667	0.800
	161-	-10.707	-11.230	243.25	-35.062	-36.819	-0.671
	162+	28.951	12.918	286.56	2.376	113.30	0.410
	162-	-28.222	0.141	263.82	-17.589	-112.46	-0.282
	163+	9.824	25.300	309.25	21.960	35.350	0.353
	163-	-9.095	-12.241	241.12	-37.173	-34.502	-0.225
	164+	9.841	25.300	309.25	21.960	35.389	0.354
	164-	-9.113	-12.241	241.12	-37.173	-34.541	-0.226
	165+	29.009	12.917	286.56	2.376	113.43	0.416
	165-	-28.280	0.142	263.81	-17.589	-112.59	-0.288
	166+	29.429	12.614	285.92	1.743	113.99	0.544
	166-	-28.701	0.445	264.46	-16.955	-113.14	-0.416
	167+	11.418	24.289	307.13	19.849	37.628	0.798
	167-	-10.690	-11.230	243.25	-35.062	-36.780	-0.670
	168	0.328	20.387	282.02	-22.748	0.419	0.036
	169	0.420	-11.565	282.73	10.768	0.469	0.086
	170	0.032	4.364	282.30	-5.883	-0.096	0.097
	171	0.717	4.458	282.45	-6.097	0.984	0.025
	172	0.451	6.732	336.60	-8.581	0.536	0.074
	173	0.142	24.439	282.97	-25.971	-0.251	0.039
	174	0.234	-7.512	283.69	7.545	-0.202	0.089
	175	-0.154	8.416	283.26	-9.105	-0.767	0.101
	176	0.530	8.511	283.41	-9.320	0.314	0.028
	177	0.265	10.784	337.56	-11.803	-0.135	0.077
	178	0.294	17.759	258.41	-20.314	0.384	0.028
	179	0.386	-14.193	259.12	13.202	0.434	0.078
	180	0.000	1.736	258.69	-3.449	-0.131	0.089
	181	0.683	1.830	258.84	-3.663	0.949	0.016
	182	0.418	4.104	312.99	-6.146	0.501	0.065
	183	-0.016	24.512	260.00	-25.685	-0.733	0.033
	184	0.076	-7.439	260.71	7.831	-0.684	0.083
	185	-0.312	8.489	260.28	-8.819	-1.249	0.094
	186	0.373	8.584	260.43	-9.034	-0.168	0.022
	187	0.107	10.858	314.58	-11.517	-0.616	0.071
	188	0.308	27.233	281.86	-29.930	0.408	0.025
	189	0.440	-18.411	282.89	17.950	0.479	0.097
	190	-0.115	4.343	282.27	-5.837	-0.328	0.113
	191	0.863	4.479	282.48	-6.143	1.216	0.000

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	192	0.485	7.727	359.84	-9.691	0.575	0.079
	193	0.122	31.286	282.82	-33.153	-0.262	0.029
	194	0.254	-14.359	283.84	14.727	-0.191	0.100
	195	-0.301	8.396	283.22	-9.060	-0.998	0.116
	196	0.677	8.531	283.44	-9.366	0.545	0.013
	197	0.298	11.779	360.79	-12.913	-0.095	0.082
	198	0.261	16.764	235.17	-19.204	0.345	0.022
	199	0.353	-15.187	235.88	14.312	0.394	0.072
	200	-0.035	0.741	235.45	-2.339	-0.171	0.084
	201	0.650	0.836	235.60	-2.553	0.910	0.011
	202	0.384	3.109	289.75	-5.036	0.462	0.060
	203	-0.049	23.518	236.76	-24.574	-0.773	0.028
	204	0.043	-8.434	237.48	8.942	-0.723	0.078
	205	-0.345	7.495	237.04	-7.709	-1.288	0.089
	206	0.339	7.589	237.19	-7.924	-0.208	0.016
	207	0.074	9.863	291.34	-10.407	-0.656	0.065
	208	0.329	22.837	282.58	-24.734	0.412	0.041
	209	0.421	-9.115	283.29	8.782	0.462	0.091
	210	0.033	6.814	282.86	-7.869	-0.103	0.102
	211	0.718	6.908	283.01	-8.083	0.977	0.030
	212	0.453	9.182	337.16	-10.567	0.529	0.078
	213	0.275	26.239	258.62	-28.820	0.369	0.020
	214	0.407	-19.406	259.65	19.060	0.440	0.092
	215	-0.148	3.349	259.03	-4.727	-0.367	0.108
	216	0.830	3.484	259.24	-5.033	1.176	0.000
	217	0.451	6.732	336.60	-8.581	0.536	0.074
	218	0.089	30.291	259.58	-32.042	-0.301	0.023
	219	0.221	-15.354	260.60	15.838	-0.231	0.095
	220	-0.334	7.401	259.99	-7.949	-1.038	0.111
	221	0.644	7.536	260.20	-8.256	0.506	0.000
	222	0.265	10.784	337.56	-11.803	-0.135	0.077
	223	0.297	2.090	228.15	-3.400	0.352	0.049
	224	0.111	6.142	229.11	-6.622	-0.319	0.052
	225	0.310	29.683	282.42	-31.916	0.402	0.030
	226	0.441	-15.961	283.45	15.964	0.473	0.102
	227	-0.114	6.793	282.83	-7.823	-0.335	0.118
	228	0.864	6.929	283.04	-8.129	1.209	0.014
	229	0.486	10.177	360.40	-11.677	0.569	0.084
	230	0.263	-0.538	204.54	-0.966	0.317	0.040
	231	-0.047	6.216	206.13	-6.336	-0.800	0.046
	232	0.277	28.689	259.18	-30.806	0.362	0.025
	233	0.408	-16.956	260.21	17.074	0.433	0.096
	234	-0.147	5.799	259.59	-6.713	-0.374	0.112
	235	0.831	5.934	259.80	-7.019	1.170	0.000
	236	0.453	9.182	337.16	-10.567	0.529	0.078
	237	0.230	-1.533	181.30	0.144	0.278	0.035
	238	-0.080	5.221	182.89	-5.226	-0.840	0.040
	239	0.298	4.540	228.71	-5.386	0.345	0.053
	240	0.232	2.551	182.23	-3.166	0.266	0.043
	241	0.258	17.417	228.22	-19.088	0.326	0.030
	242	0.337	-9.970	228.83	9.640	0.369	0.073
	243	0.000	3.683	228.46	-4.632	-0.116	0.083
	244	0.591	3.764	228.59	-4.816	0.811	0.021
	245	0.364	5.713	275.00	-6.944	0.426	0.063
	246	0.196	18.768	228.53	-20.162	0.103	0.032
	247	0.275	-8.619	229.15	8.566	0.145	0.074
	248	-0.058	5.034	228.78	-5.706	-0.339	0.084
	249	0.529	5.115	228.90	-5.890	0.587	0.022
	250	0.302	7.064	275.32	-8.018	0.203	0.064
	251	0.272	18.631	237.70	-20.194	0.340	0.034
	252	0.351	-8.755	238.31	8.534	0.382	0.077
	253	0.018	4.897	237.94	-5.738	-0.102	0.087
	254	0.605	4.979	238.07	-5.922	0.824	0.024
	255	0.378	6.927	284.48	-8.050	0.440	0.066
	256	0.263	20.847	236.10	-22.514	0.333	0.030
	257	0.355	-11.104	236.81	11.002	0.383	0.080
	258	-0.033	4.824	236.38	-5.649	-0.182	0.091
	259	0.652	4.919	236.53	-5.863	0.899	0.019
	260	0.386	7.193	290.68	-8.346	0.450	0.068
	261	0.232	1.734	182.04	-2.504	0.269	0.041
	262	0.169	3.085	182.36	-3.578	0.045	0.042
	263	0.245	2.949	191.53	-3.610	0.282	0.045
	264	0.232	2.551	182.23	-3.166	0.266	0.043
	265	0.259	18.234	228.40	-19.750	0.324	0.032
	266	0.338	-9.153	229.02	8.978	0.366	0.075
	267	0.000	4.500	228.64	-5.294	-0.118	0.085
	268	0.592	4.581	228.77	-5.478	0.808	0.022
	269	0.364	6.530	275.19	-7.606	0.424	0.064
	270	0.232	2.551	182.23	-3.166	0.266	0.043
24	1	0.913	-5.306	79.617	6.694	0.027	-0.127
	2	0.323	-2.677	18.790	3.409	0.016	-0.062
	3	-0.370	-0.185	-0.769	-1.222	-0.871	-0.018
	4	0.050	-3.149	0.723	3.292	0.093	-0.035
	5	1.078	-8.922	62.633	11.365	0.052	-0.207

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Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	6	0.502	-1.995	29.563	2.360	-0.376	-0.448
	7	0.577	-6.927	33.070	9.004	0.429	0.241
	8	-0.050	16.003	-10.739	-20.811	-0.081	0.235
	9	1.128	-24.925	73.372	32.176	0.133	-0.442
	10+	32.422	8.368	2.269	11.495	102.84	1.434
	10-	-32.422	-8.368	-2.269	-11.495	-102.84	-1.434
	11+	32.467	7.999	2.187	10.994	102.99	1.386
	11-	-32.467	-7.999	-2.187	-10.994	-102.99	-1.386
	12+	4.455	48.845	15.620	63.169	0.985	2.077
	12-	-4.455	-48.845	-15.620	-63.169	-0.985	-2.077
	13+	5.920	63.922	19.165	82.875	2.000	1.526
	13-	-5.920	-63.922	-19.165	-82.875	-2.000	-1.526
	14	0.913	-5.306	79.617	6.694	0.027	-0.127
	15	1.232	-7.163	107.48	9.036	0.037	-0.172
	16	1.398	-9.321	107.80	11.808	0.051	-0.220
	17	1.717	-11.178	135.67	14.151	0.061	-0.265
	18	0.357	-5.583	78.464	4.861	-1.279	-0.154
	19	0.676	-7.440	106.33	7.204	-1.270	-0.199
	20	0.599	-7.590	92.556	7.418	-1.268	-0.201
	21	1.064	-9.487	107.11	10.708	-0.733	-0.237
	22	0.919	-9.448	120.42	9.761	-1.258	-0.246
	23	1.384	-11.344	134.98	13.051	-0.724	-0.281
	24	0.988	-10.030	80.702	11.632	0.166	-0.179
	25	1.308	-11.887	108.57	13.975	0.176	-0.224
	26	1.231	-12.037	94.794	14.189	0.178	-0.226
	27	1.443	-12.155	108.45	14.771	0.134	-0.252
	28	1.550	-13.894	122.66	16.532	0.188	-0.270
	29	1.763	-14.012	136.32	17.114	0.144	-0.296
	30	2.530	-18.689	173.57	23.741	0.106	-0.438
	31	2.849	-20.547	201.43	26.083	0.116	-0.482
	32	2.773	-20.697	187.66	26.298	0.118	-0.484
	33	2.530	-18.689	173.57	23.741	0.106	-0.438
	34	3.092	-22.554	215.52	28.641	0.127	-0.529
	35	2.849	-20.547	201.43	26.083	0.116	-0.482
	36	2.196	-18.856	172.87	22.641	-0.678	-0.454
	37	1.489	-14.951	144.23	16.794	-1.224	-0.372
	38	2.516	-20.713	200.74	24.984	-0.668	-0.498
	39	1.808	-16.808	172.09	19.137	-1.215	-0.416
	40	2.439	-20.863	186.97	25.198	-0.666	-0.501
	41	1.732	-16.959	158.32	19.351	-1.213	-0.418
	42	2.196	-18.856	172.87	22.641	-0.678	-0.454
	43	2.758	-22.720	214.83	27.541	-0.657	-0.545
	44	2.051	-18.816	186.19	21.694	-1.203	-0.463
	45	2.516	-20.713	200.74	24.984	-0.668	-0.498
	46	2.575	-21.524	174.22	26.704	0.189	-0.469
	47	2.120	-19.398	146.47	23.565	0.221	-0.397
	48	2.895	-23.381	202.08	29.047	0.199	-0.513
	49	2.440	-21.255	174.33	25.908	0.231	-0.441
	50	2.818	-23.531	188.31	29.261	0.201	-0.516
	51	2.363	-21.406	160.56	26.122	0.233	-0.443
	52	2.575	-21.524	174.22	26.704	0.189	-0.469
	53	3.137	-25.388	216.18	31.604	0.211	-0.560
	54	2.682	-23.263	188.42	28.465	0.243	-0.488
	55	2.895	-23.381	202.08	29.047	0.199	-0.513
	56	1.665	-8.299	123.96	10.234	-0.537	-0.799
	57	1.984	-10.156	151.83	12.577	-0.527	-0.844
	58	1.907	-10.306	138.05	12.791	-0.525	-0.846
	59	1.924	-11.416	138.84	14.286	-0.344	-0.691
	60	2.227	-12.163	165.92	15.134	-0.515	-0.890
	61	2.244	-13.273	166.71	16.629	-0.334	-0.735
	62	1.331	-8.465	123.27	9.135	-1.321	-0.816
	63	0.883	-7.678	109.51	7.339	-1.674	-0.625
	64	1.651	-10.322	151.14	11.477	-1.311	-0.860
	65	1.203	-9.535	137.37	9.682	-1.665	-0.670
	66	1.574	-10.472	137.36	11.692	-1.309	-0.862
	67	1.126	-9.685	123.60	9.896	-1.662	-0.672
	68	1.591	-11.582	138.15	13.187	-1.128	-0.707
	69	1.893	-12.329	165.23	14.035	-1.299	-0.907
	70	1.445	-11.542	151.46	12.239	-1.653	-0.716
	71	1.910	-13.439	166.02	15.529	-1.118	-0.752
	72	1.710	-11.133	124.61	13.197	-0.453	-0.831
	73	1.515	-12.125	111.74	14.111	-0.229	-0.650
	74	2.030	-12.990	152.48	15.540	-0.444	-0.875
	75	1.834	-13.982	139.61	16.453	-0.219	-0.695
	76	1.953	-13.140	138.71	15.754	-0.442	-0.877
	77	1.757	-14.132	125.84	16.668	-0.217	-0.697
	78	1.970	-14.250	139.49	17.249	-0.261	-0.722
	79	2.272	-14.997	166.57	18.097	-0.432	-0.922
	80	2.077	-15.989	153.70	19.010	-0.207	-0.741
	81	2.289	-16.107	167.36	19.592	-0.251	-0.767
	82	1.778	-15.697	129.22	20.200	0.670	0.235
	83	2.097	-17.554	157.09	22.543	0.680	0.190
	84	2.020	-17.704	143.31	22.757	0.682	0.188
	85	2.003	-16.595	142.53	21.262	0.501	0.033

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	86	2.340	-19.561	171.18	25.100	0.692	0.144
	87	2.323	-18.452	170.39	23.605	0.510	-0.011
	88	1.444	-15.863	128.53	19.100	-0.114	0.218
	89	0.962	-12.856	113.19	14.315	-0.829	0.099
	90	1.764	-17.720	156.40	21.443	-0.104	0.174
	91	1.282	-14.714	141.05	16.658	-0.820	0.054
	92	1.687	-17.870	142.62	21.658	-0.102	0.172
	93	1.205	-14.864	127.28	16.873	-0.818	0.052
	94	1.670	-16.761	141.83	20.163	-0.283	0.017
	95	2.006	-19.728	170.49	24.000	-0.093	0.127
	96	1.524	-16.721	155.15	19.215	-0.808	0.000
	97	1.989	-18.618	169.70	22.505	-0.274	-0.028
	98	1.823	-18.531	129.87	23.163	0.753	0.203
	99	1.594	-17.303	115.42	21.087	0.616	0.074
	100	2.142	-20.388	157.74	25.506	0.763	0.159
	101	1.913	-19.160	143.29	23.429	0.626	0.029
	102	2.066	-20.538	143.96	25.720	0.765	0.157
	103	1.836	-19.311	129.52	23.644	0.628	0.027
	104	2.049	-19.429	143.18	24.225	0.584	0.000
	105	2.385	-22.395	171.83	28.063	0.775	0.112
	106	2.156	-21.168	157.38	25.986	0.637	-0.017
	107	2.368	-21.286	171.04	26.568	0.594	-0.043
	108	0.838	18.698	63.508	-24.523	-0.094	0.226
	109	1.157	16.841	91.374	-22.181	-0.084	0.182
	110	1.080	16.691	77.601	-21.966	-0.082	0.179
	111	1.345	7.482	96.526	-10.044	-0.034	0.027
	112	1.400	14.834	105.47	-19.624	-0.072	0.135
	113	1.665	5.625	124.39	-7.701	-0.024	-0.018
	114	0.504	18.532	62.816	-25.623	-0.878	0.210
	115	0.304	11.220	67.187	-16.991	-1.364	0.093
	116	0.824	16.675	90.682	-23.280	-0.868	0.165
	117	0.624	9.363	95.053	-14.648	-1.355	0.048
	118	0.747	16.525	76.909	-23.066	-0.866	0.163
	119	0.547	9.212	81.280	-14.434	-1.352	0.046
	120	1.012	7.316	95.834	-11.144	-0.818	0.010
	121	1.066	14.667	104.77	-20.723	-0.856	0.118
	122	0.866	7.355	109.15	-12.091	-1.343	0.000
	123	1.331	5.459	123.70	-8.801	-0.808	-0.034
	124	0.883	15.864	64.159	-21.560	-0.010	0.195
	125	0.936	6.773	69.425	-10.220	0.081	0.068
	126	1.202	14.007	92.025	-19.218	0.000	0.150
	127	1.255	4.916	97.291	-7.877	0.091	0.023
	128	1.126	13.857	78.251	-19.003	0.000	0.148
	129	1.178	4.766	83.518	-7.663	0.093	0.021
	130	1.391	4.648	97.176	-7.081	0.049	0.000
	131	1.445	11.999	106.12	-16.660	0.011	0.103
	132	1.498	2.909	111.38	-5.320	0.103	-0.023
	133	1.710	2.791	125.04	-4.738	0.059	-0.049
	134	2.605	-42.694	189.68	54.958	0.227	-0.791
	135	2.924	-44.551	217.54	57.301	0.237	-0.835
	136	2.848	-44.701	203.77	57.515	0.239	-0.837
	137	2.582	-35.492	184.84	45.593	0.191	-0.685
	138	3.167	-46.558	231.63	59.858	0.248	-0.882
	139	2.902	-37.349	212.71	47.935	0.200	-0.729
	140	2.272	-42.860	188.98	53.858	-0.557	-0.807
	141	1.542	-31.754	155.50	38.646	-1.140	-0.619
	142	2.591	-44.717	216.85	56.201	-0.547	-0.851
	143	1.861	-33.611	183.37	40.989	-1.130	-0.663
	144	2.514	-44.867	203.08	56.415	-0.545	-0.854
	145	1.784	-33.762	169.60	41.203	-1.128	-0.665
	146	2.249	-35.659	184.15	44.493	-0.593	-0.701
	147	2.834	-46.724	230.94	58.758	-0.536	-0.898
	148	2.104	-35.619	197.46	43.546	-1.118	-0.710
	149	2.568	-37.516	212.02	46.836	-0.584	-0.746
	150	2.650	-45.528	190.33	57.921	0.310	-0.822
	151	2.173	-36.201	157.74	45.417	0.306	-0.644
	152	2.970	-47.385	218.19	60.264	0.320	-0.866
	153	2.492	-38.058	185.61	47.760	0.316	-0.688
	154	2.893	-47.535	204.42	60.478	0.322	-0.869
	155	2.416	-38.208	171.83	47.974	0.318	-0.690
	156	2.628	-38.327	185.49	48.556	0.274	-0.716
	157	3.212	-49.392	232.28	62.821	0.332	-0.913
	158	2.735	-40.066	199.70	50.317	0.327	-0.735
	159	2.947	-40.184	213.36	50.898	0.284	-0.761
	160+	35.318	12.362	124.15	43.958	103.20	1.806
	160-	-32.199	-33.681	110.24	-16.933	-103.08	-2.308
	161+	15.741	40.696	133.50	80.130	31.896	2.256
	161-	-12.622	-62.014	100.90	-53.105	-31.779	-2.759
	162+	35.802	16.516	125.13	49.369	103.65	1.592
	162-	-32.683	-37.835	109.26	-22.344	-103.53	-2.095
	163+	17.219	55.663	137.02	99.686	32.956	1.690
	163-	-14.100	-76.981	97.376	-72.661	-32.838	-2.193
	164+	17.206	55.774	137.04	99.836	32.912	1.705
	164-	-14.087	-77.092	97.351	-72.812	-32.794	-2.207

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Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	165+	35.758	16.885	125.22	49.870	103.50	1.640
	165-	-32.639	-38.204	109.18	-22.845	-103.38	-2.143
	166+	35.363	11.993	124.07	43.457	103.34	1.758
	166-	-32.244	-33.311	110.32	-16.432	-103.23	-2.260
	167+	15.754	40.585	133.47	79.979	31.940	2.242
	167-	-12.635	-61.904	100.92	-52.954	-31.823	-2.744
	168	2.056	-27.320	150.20	34.602	0.192	-0.520
	169	1.231	1.330	91.323	-2.490	0.042	-0.045
	170	1.670	-14.721	121.99	18.381	0.399	-0.041
	171	1.617	-11.269	119.54	13.731	-0.165	-0.524
	172	2.021	-16.118	142.68	20.034	0.135	-0.355
	173	1.804	-25.541	149.31	31.893	-0.386	-0.510
	174	0.979	3.109	90.428	-5.198	-0.536	-0.035
	175	1.417	-12.942	121.09	15.673	-0.180	-0.031
	176	1.365	-9.490	118.64	11.022	-0.743	-0.514
	177	1.769	-14.339	141.79	17.325	-0.443	-0.345
	178	1.915	-27.241	141.10	34.214	0.221	-0.503
	179	1.090	1.409	82.218	-2.877	0.071	-0.028
	180	1.528	-14.642	112.88	17.994	0.428	-0.024
	181	1.476	-11.190	110.43	13.343	-0.136	-0.507
	182	1.880	-16.039	133.58	19.646	0.164	-0.338
	183	1.494	-24.277	139.60	29.700	-0.743	-0.486
	184	0.669	4.373	80.726	-7.391	-0.892	-0.012
	185	1.108	-11.678	111.39	13.480	-0.536	0.000
	186	1.055	-8.226	108.94	8.829	-1.099	-0.490
	187	1.459	-13.075	132.09	15.132	-0.799	-0.321
	188	2.233	-33.459	162.82	42.550	0.224	-0.621
	189	1.055	7.469	78.707	-10.438	0.010	0.056
	190	1.681	-15.461	122.52	19.378	0.519	0.062
	191	1.606	-10.529	119.01	12.734	-0.285	-0.627
	192	2.183	-17.456	152.08	21.738	0.143	-0.386
	193	1.980	-31.680	161.92	39.841	-0.354	-0.611
	194	0.802	9.248	77.811	-13.146	-0.568	0.066
	195	1.429	-13.682	121.62	16.670	-0.059	0.072
	196	1.354	-8.750	118.11	10.026	-0.864	-0.617
	197	1.930	-15.677	151.18	19.030	-0.435	-0.376
	198	1.753	-25.903	131.70	32.509	0.213	-0.472
	199	0.928	2.747	72.823	-4.582	0.063	0.000
	200	1.367	-13.304	103.49	16.289	0.420	0.000
	201	1.314	-9.852	101.03	11.638	-0.143	-0.476
	202	1.718	-14.701	124.18	17.941	0.157	-0.307
	203	1.332	-22.938	130.21	27.995	-0.751	-0.455
	204	0.507	5.711	71.331	-9.096	-0.900	0.019
	205	0.946	-10.340	102.00	11.775	-0.544	0.024
	206	0.893	-6.887	99.542	7.124	-1.107	-0.459
	207	1.297	-11.736	122.69	13.427	-0.807	-0.290
	208	2.026	-25.430	149.77	32.626	0.136	-0.499
	209	1.201	3.219	90.889	-4.465	-0.013	-0.024
	210	1.640	-12.832	121.56	16.406	0.343	-0.020
	211	1.587	-9.379	119.10	11.755	-0.220	-0.503
	212	1.991	-14.228	142.25	18.058	0.080	-0.334
	213	2.071	-32.121	153.42	40.845	0.216	-0.590
	214	0.893	8.807	69.312	-12.142	0.000	0.087
	215	1.520	-14.123	113.12	17.673	0.511	0.093
	216	1.444	-9.191	109.61	11.029	-0.293	-0.596
	217	2.021	-16.118	142.68	20.034	0.135	-0.355
	218	1.819	-30.342	152.53	38.137	-0.362	-0.580
	219	0.640	10.586	68.416	-14.851	-0.576	0.097
	220	1.267	-12.344	112.23	14.965	-0.067	0.103
	221	1.192	-7.412	108.72	8.321	-0.871	-0.586
	222	1.769	-14.339	141.79	17.325	-0.443	-0.345
	223	1.266	-9.872	98.841	12.078	0.099	-0.210
	224	1.014	-8.093	97.946	9.370	-0.480	-0.200
	225	2.203	-31.569	162.38	40.574	0.168	-0.600
	226	1.024	9.359	78.273	-12.413	-0.045	0.077
	227	1.651	-13.571	122.08	17.403	0.464	0.083
	228	1.576	-8.639	118.58	10.759	-0.341	-0.606
	229	2.153	-15.567	151.64	19.763	0.088	-0.365
	230	1.125	-9.793	89.735	11.691	0.128	-0.193
	231	0.704	-6.829	88.243	7.177	-0.836	-0.176
	232	2.041	-30.231	152.99	38.870	0.161	-0.569
	233	0.863	10.697	68.878	-14.118	-0.053	0.108
	234	1.489	-12.233	112.69	15.698	0.456	0.114
	235	1.414	-7.301	109.18	9.054	-0.349	-0.575
	236	1.991	-14.228	142.25	18.058	0.080	-0.334
	237	0.963	-8.455	80.340	9.986	0.120	-0.162
	238	0.542	-5.491	78.848	5.472	-0.844	-0.145
	239	1.236	-7.983	98.407	10.103	0.043	-0.189
	240	0.913	-5.306	79.617	6.694	0.027	-0.127
	241	1.600	-20.891	123.79	26.658	0.126	-0.399
	242	0.893	3.666	73.318	-5.135	0.000	0.000
	243	1.269	-10.092	99.604	12.755	0.303	0.011
	244	1.224	-7.133	97.500	8.768	-0.180	-0.403
	245	1.570	-11.289	117.34	14.171	0.077	-0.258

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	246	1.515	-20.298	123.49	25.755	-0.067	-0.396
	247	0.808	4.259	73.020	-6.037	-0.195	0.011
	248	1.185	-9.499	99.305	11.852	0.110	0.014
	249	1.139	-6.540	97.201	7.866	-0.373	-0.400
	250	1.485	-10.696	117.04	13.268	-0.115	-0.255
	251	1.654	-20.796	127.40	26.681	0.110	-0.405
	252	0.947	3.760	76.932	-5.111	-0.018	0.000
	253	1.323	-9.998	103.22	12.778	0.288	0.000
	254	1.278	-7.038	101.11	8.792	-0.195	-0.408
	255	1.624	-11.195	120.95	14.194	0.062	-0.264
	256	1.702	-22.754	130.98	29.217	0.121	-0.437
	257	0.878	5.896	72.100	-7.874	-0.029	0.038
	258	1.316	-10.155	102.77	12.997	0.327	0.042
	259	1.264	-6.703	100.31	8.346	-0.236	-0.441
	260	1.667	-11.552	123.46	14.649	0.064	-0.272
	261	0.923	-5.936	79.762	7.352	0.046	-0.134
	262	0.839	-5.343	79.463	6.449	-0.147	-0.131
	263	0.977	-5.841	83.375	7.376	0.030	-0.139
	264	0.913	-5.306	79.617	6.694	0.027	-0.127
	265	1.590	-20.261	123.64	25.999	0.107	-0.392
	266	0.883	4.296	73.174	-5.793	-0.021	0.014
	267	1.259	-9.462	99.459	12.096	0.284	0.018
	268	1.213	-6.503	97.355	8.110	-0.198	-0.396
	269	1.560	-10.659	117.20	13.512	0.059	-0.251
	270	0.913	-5.306	79.617	6.694	0.027	-0.127
34	1	0.000	2.618	182.14	-3.349	0.000	0.000
	2	0.000	2.017	46.431	-2.280	0.000	0.000
	3	-0.297	2.653	0.648	-2.037	-1.084	0.000
	4	0.000	-4.095	-0.946	3.338	0.000	0.000
	5	0.000	6.723	154.77	-7.600	0.000	0.000
	6	0.585	3.362	77.385	-3.800	0.878	-0.029
	7	-0.585	3.362	77.385	-3.800	-0.878	0.029
	8	0.000	-19.552	78.171	20.176	0.000	0.000
	9	0.000	26.275	76.599	-27.775	0.000	0.000
	10+	27.961	0.030	0.014	0.019	112.20	0.208
	10-	-27.961	-0.030	-0.014	-0.019	-112.20	-0.208
	11+	27.917	0.030	0.014	0.019	112.09	0.206
	11-	-27.917	-0.030	-0.014	-0.019	-112.09	-0.206
	12+	1.066	20.622	35.133	31.759	1.671	0.306
	12-	-1.066	-20.622	-35.133	-31.759	-1.671	-0.306
	13+	1.065	20.622	35.133	31.759	1.668	0.306
	13-	-1.065	-20.622	-35.133	-31.759	-1.668	-0.306
	14	0.000	2.618	182.14	-3.349	0.000	0.000
	15	0.000	3.534	245.89	-4.521	0.000	0.000
	16	0.000	5.643	251.79	-6.769	0.000	0.000
	17	0.000	6.559	315.54	-7.941	0.000	0.000
	18	-0.445	6.597	183.12	-6.405	-1.626	0.000
	19	-0.445	7.513	246.87	-7.577	-1.626	0.000
	20	-0.445	8.109	217.94	-8.115	-1.626	0.000
	21	-0.267	8.031	252.37	-8.602	-0.975	0.000
	22	-0.445	9.026	281.69	-9.287	-1.626	0.000
	23	-0.267	8.947	316.12	-9.775	-0.975	0.000
	24	0.000	-3.525	180.73	1.659	0.000	0.000
	25	0.000	-2.608	244.48	0.487	0.000	0.000
	26	0.000	-2.012	215.55	-0.051	0.000	0.000
	27	0.000	1.958	250.94	-3.764	0.000	0.000
	28	0.000	-1.096	279.30	-1.223	0.000	0.000
	29	0.000	2.874	314.69	-4.936	0.000	0.000
	30	0.000	12.703	414.30	-14.749	0.000	0.000
	31	0.000	13.619	478.05	-15.921	0.000	0.000
	32	0.000	14.215	449.12	-16.459	0.000	0.000
	33	0.000	12.703	414.30	-14.749	0.000	0.000
	34	0.000	15.131	512.87	-17.631	0.000	0.000
	35	0.000	13.619	478.05	-15.921	0.000	0.000
	36	-0.267	15.090	414.88	-16.582	-0.975	0.000
	37	-0.445	13.656	345.63	-14.385	-1.626	0.000
	38	-0.267	16.006	478.63	-17.754	-0.975	0.000
	39	-0.445	14.572	409.38	-15.557	-1.626	0.000
	40	-0.267	16.603	449.71	-18.292	-0.975	0.000
	41	-0.445	15.169	380.45	-16.095	-1.626	0.000
	42	-0.267	15.090	414.88	-16.582	-0.975	0.000
	43	-0.267	17.519	513.46	-19.464	-0.975	0.000
	44	-0.445	16.085	444.20	-17.267	-1.626	0.000
	45	-0.267	16.006	478.63	-17.754	-0.975	0.000
	46	0.000	9.017	413.45	-11.744	0.000	0.000
	47	0.000	3.535	343.23	-6.321	0.000	0.000
	48	0.000	9.933	477.20	-12.916	0.000	0.000
	49	0.000	4.451	406.98	-7.493	0.000	0.000
	50	0.000	10.530	448.27	-13.454	0.000	0.000
	51	0.000	5.048	378.06	-8.031	0.000	0.000
	52	0.000	9.017	413.45	-11.744	0.000	0.000
	53	0.000	11.446	512.02	-14.626	0.000	0.000
	54	0.000	5.964	441.81	-9.203	0.000	0.000
	55	0.000	9.933	477.20	-12.916	0.000	0.000

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	56	0.877	7.660	298.22	-9.049	1.316	-0.043
	57	0.877	8.576	361.97	-10.221	1.316	-0.043
	58	0.877	9.173	333.04	-10.759	1.316	-0.043
	59	0.614	9.173	333.04	-10.759	0.921	-0.030
	60	0.877	10.089	396.79	-11.931	1.316	-0.043
	61	0.614	10.089	396.79	-11.931	0.921	-0.030
	62	0.610	10.048	298.80	-10.882	0.341	-0.044
	63	0.169	10.126	264.37	-10.395	-0.704	-0.031
	64	0.610	10.964	362.56	-12.055	0.341	-0.044
	65	0.169	11.043	328.12	-11.567	-0.704	-0.031
	66	0.610	11.560	333.63	-12.592	0.341	-0.044
	67	0.169	11.639	299.19	-12.105	-0.704	-0.031
	68	0.347	11.560	333.63	-12.592	-0.054	-0.031
	69	0.610	12.476	397.38	-13.764	0.341	-0.044
	70	0.169	12.555	362.94	-13.277	-0.704	-0.031
	71	0.347	12.476	397.38	-13.764	-0.054	-0.031
	72	0.877	3.975	297.37	-6.044	1.316	-0.043
	73	0.614	0.000	261.98	-2.331	0.921	-0.030
	74	0.877	4.891	361.12	-7.216	1.316	-0.043
	75	0.614	0.921	325.73	-3.503	0.921	-0.030
	76	0.877	5.488	332.19	-7.754	1.316	-0.043
	77	0.614	1.518	296.80	-4.041	0.921	-0.030
	78	0.614	5.488	332.19	-7.754	0.921	-0.030
	79	0.877	6.404	395.94	-8.926	1.316	-0.043
	80	0.614	2.434	360.55	-5.213	0.921	-0.030
	81	0.614	6.404	395.94	-8.926	0.921	-0.030
	82	-0.877	7.660	298.22	-9.049	-1.316	0.043
	83	-0.877	8.576	361.97	-10.221	-1.316	0.043
	84	-0.877	9.173	333.04	-10.759	-1.316	0.043
	85	-0.614	9.173	333.04	-10.759	-0.921	0.030
	86	-0.877	10.089	396.79	-11.931	-1.316	0.043
	87	-0.614	10.089	396.79	-11.931	-0.921	0.030
	88	-1.144	10.048	298.80	-10.882	-2.292	0.043
	89	-1.059	10.126	264.37	-10.395	-2.547	0.030
	90	-1.144	10.964	362.56	-12.055	-2.292	0.043
	91	-1.059	11.043	328.12	-11.567	-2.547	0.030
	92	-1.144	11.560	333.63	-12.592	-2.292	0.043
	93	-1.059	11.639	299.19	-12.105	-2.547	0.030
	94	-0.881	11.560	333.63	-12.592	-1.897	0.030
	95	-1.144	12.476	397.38	-13.764	-2.292	0.043
	96	-1.059	12.555	362.94	-13.277	-2.547	0.030
	97	-0.881	12.476	397.38	-13.764	-1.897	0.030
	98	-0.877	3.975	297.37	-6.044	-1.316	0.043
	99	-0.614	0.000	261.98	-2.331	-0.921	0.030
	100	-0.877	4.891	361.12	-7.216	-1.316	0.043
	101	-0.614	0.921	325.73	-3.503	-0.921	0.030
	102	-0.877	5.488	332.19	-7.754	-1.316	0.043
	103	-0.614	1.518	296.80	-4.041	-0.921	0.030
	104	-0.614	5.488	332.19	-7.754	-0.921	0.030
	105	-0.877	6.404	395.94	-8.926	-1.316	0.043
	106	-0.614	2.434	360.55	-5.213	-0.921	0.030
	107	-0.614	6.404	395.94	-8.926	-0.921	0.030
	108	0.000	-26.710	299.40	26.914	0.000	0.000
	109	0.000	-25.794	363.15	25.742	0.000	0.000
	110	0.000	-25.197	334.22	25.204	0.000	0.000
	111	0.000	-14.886	333.87	14.415	0.000	0.000
	112	0.000	-24.281	397.97	24.032	0.000	0.000
	113	0.000	-13.970	397.62	13.243	0.000	0.000
	114	-0.267	-24.322	299.98	25.081	-0.975	0.000
	115	-0.445	-13.933	265.20	14.779	-1.626	0.000
	116	-0.267	-23.406	363.73	23.909	-0.975	0.000
	117	-0.445	-13.016	328.95	13.607	-1.626	0.000
	118	-0.267	-22.810	334.81	23.371	-0.975	0.000
	119	-0.445	-12.420	300.02	13.069	-1.626	0.000
	120	-0.267	-12.499	334.45	12.582	-0.975	0.000
	121	-0.267	-21.894	398.56	22.199	-0.975	0.000
	122	-0.445	-11.504	363.77	11.897	-1.626	0.000
	123	-0.267	-11.583	398.20	11.410	-0.975	0.000
	124	0.000	-30.395	298.55	29.919	0.000	0.000
	125	0.000	-24.054	262.80	22.843	0.000	0.000
	126	0.000	-29.479	362.30	28.747	0.000	0.000
	127	0.000	-23.138	326.56	21.671	0.000	0.000
	128	0.000	-28.882	333.37	28.209	0.000	0.000
	129	0.000	-22.541	297.63	21.133	0.000	0.000
	130	0.000	-18.571	333.02	17.420	0.000	0.000
	131	0.000	-27.966	397.12	27.037	0.000	0.000
	132	0.000	-21.625	361.38	19.961	0.000	0.000
	133	0.000	-17.655	396.77	16.248	0.000	0.000
	134	0.000	42.030	297.04	-45.012	0.000	0.000
	135	0.000	42.946	360.79	-46.184	0.000	0.000
	136	0.000	43.543	331.87	-46.722	0.000	0.000
	137	0.000	33.232	332.22	-35.933	0.000	0.000
	138	0.000	44.459	395.62	-47.894	0.000	0.000
	139	0.000	34.148	395.97	-37.105	0.000	0.000

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	140	-0.267	44.417	297.63	-46.846	-0.975	0.000
	141	-0.445	34.185	263.55	-35.569	-1.626	0.000
	142	-0.267	45.334	361.38	-48.018	-0.975	0.000
	143	-0.445	35.102	327.30	-36.741	-1.626	0.000
	144	-0.267	45.930	332.45	-48.555	-0.975	0.000
	145	-0.445	35.698	298.37	-37.279	-1.626	0.000
	146	-0.267	35.619	332.80	-37.767	-0.975	0.000
	147	-0.267	46.846	396.20	-49.728	-0.975	0.000
	148	-0.445	36.614	362.12	-38.451	-1.626	0.000
	149	-0.267	36.535	396.55	-38.939	-0.975	0.000
	150	0.000	38.345	296.19	-42.007	0.000	0.000
	151	0.000	24.064	261.15	-27.505	0.000	0.000
	152	0.000	39.261	359.94	-43.180	0.000	0.000
	153	0.000	24.980	324.90	-28.678	0.000	0.000
	154	0.000	39.857	331.01	-43.717	0.000	0.000
	155	0.000	25.577	295.98	-29.215	0.000	0.000
	156	0.000	29.547	331.37	-32.928	0.000	0.000
	157	0.000	40.774	394.76	-44.889	0.000	0.000
	158	0.000	26.493	359.73	-30.387	0.000	0.000
	159	0.000	30.463	395.12	-34.101	0.000	0.000
	160+	28.281	12.868	285.56	1.638	112.70	0.300
	160-	-28.281	0.435	264.45	-17.455	-112.70	-0.300
	161+	9.454	27.283	310.14	23.855	35.330	0.369
	161-	-9.454	-13.980	239.87	-39.673	-35.330	-0.369
	162+	28.237	12.868	285.56	1.638	112.59	0.298
	162-	-28.237	0.435	264.45	-17.456	-112.59	-0.298
	163+	9.440	27.283	310.14	23.855	35.294	0.368
	163-	-9.440	-13.980	239.87	-39.673	-35.294	-0.368
	164+	9.454	27.283	310.14	23.855	35.328	0.369
	164-	-9.454	-13.980	239.87	-39.673	-35.328	-0.369
	165+	28.280	12.868	285.56	1.638	112.70	0.300
	165-	-28.280	0.435	264.45	-17.455	-112.70	-0.300
	166+	28.237	12.868	285.56	1.638	112.59	0.298
	166-	-28.237	0.435	264.45	-17.456	-112.59	-0.298
	167+	9.441	27.283	310.14	23.855	35.296	0.368
	167-	-9.441	-13.980	239.87	-39.673	-35.296	-0.368
	168	0.000	20.570	281.63	-23.069	0.000	0.000
	169	0.000	-11.508	282.73	10.497	0.000	0.000
	170	-0.409	4.531	282.18	-6.286	-0.614	0.020
	171	0.409	4.531	282.18	-6.286	0.614	-0.020
	172	0.000	6.884	336.35	-8.946	0.000	0.000
	173	-0.178	24.619	282.58	-26.294	-0.650	0.000
	174	-0.178	-7.460	283.68	7.272	-0.650	0.000
	175	-0.587	8.579	283.13	-9.511	-1.265	0.020
	176	0.231	8.579	283.13	-9.511	-0.036	-0.021
	177	-0.178	10.933	337.30	-12.171	-0.650	0.000
	178	0.000	17.924	258.03	-20.593	0.000	0.000
	179	0.000	-14.155	259.13	12.972	0.000	0.000
	180	-0.409	1.884	258.58	-3.810	-0.614	0.020
	181	0.409	1.884	258.58	-3.810	0.614	-0.020
	182	0.000	4.238	312.75	-6.470	0.000	0.000
	183	-0.297	24.671	259.63	-25.969	-1.084	0.000
	184	-0.297	-7.407	260.73	7.597	-1.084	0.000
	185	-0.706	8.632	260.18	-9.186	-1.698	0.020
	186	0.112	8.632	260.18	-9.186	-0.469	-0.021
	187	-0.297	10.985	314.35	-11.846	-1.084	0.000
	188	0.000	27.444	281.39	-30.261	0.000	0.000
	189	0.000	-18.382	282.96	17.690	0.000	0.000
	190	-0.585	4.531	282.18	-6.286	-0.878	0.029
	191	0.585	4.531	282.18	-6.286	0.878	-0.029
	192	0.000	7.893	359.56	-10.086	0.000	0.000
	193	-0.178	31.493	282.35	-33.487	-0.650	0.000
	194	-0.178	-14.334	283.92	14.464	-0.650	0.000
	195	-0.763	8.579	283.13	-9.511	-1.528	0.029
	196	0.406	8.579	283.13	-9.511	0.227	-0.029
	197	-0.178	11.941	360.52	-13.311	-0.650	0.000
	198	0.000	16.915	234.82	-19.453	0.000	0.000
	199	0.000	-15.163	235.92	14.112	0.000	0.000
	200	-0.409	0.876	235.37	-2.670	-0.614	0.020
	201	0.409	0.876	235.37	-2.670	0.614	-0.020
	202	0.000	3.229	289.54	-5.330	0.000	0.000
	203	-0.297	23.663	236.41	-24.829	-1.084	0.000
	204	-0.297	-8.416	237.51	8.737	-1.084	0.000
	205	-0.706	7.623	236.96	-8.046	-1.698	0.020
	206	0.112	7.623	236.96	-8.046	-0.469	-0.021
	207	-0.297	9.977	291.13	-10.706	-1.084	0.000
	208	0.000	23.027	282.19	-25.072	0.000	0.000
	209	0.000	-9.052	283.29	8.494	0.000	0.000
	210	-0.409	6.988	282.74	-8.289	-0.614	0.020
	211	0.409	6.988	282.74	-8.289	0.614	-0.020
	212	0.000	9.341	336.91	-10.949	0.000	0.000
	213	0.000	26.436	258.18	-29.121	0.000	0.000
	214	0.000	-19.391	259.75	18.830	0.000	0.000
	215	-0.585	3.522	258.96	-5.146	-0.878	0.029

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	216	0.585	3.522	258.96	-5.146	0.878	-0.029
	217	0.000	6.884	336.35	-8.946	0.000	0.000
	218	-0.178	30.484	259.13	-32.347	-0.650	0.000
	219	-0.178	-15.342	260.70	15.604	-0.650	0.000
	220	-0.763	7.571	259.92	-8.371	-1.528	0.029
	221	0.406	7.571	259.92	-8.371	0.227	-0.029
	222	-0.178	10.933	337.30	-12.171	-0.650	0.000
	223	0.000	2.178	228.01	-3.626	0.000	0.000
	224	-0.178	6.226	228.96	-6.851	-0.650	0.000
	225	0.000	29.901	281.96	-32.264	0.000	0.000
	226	0.000	-15.926	283.53	15.687	0.000	0.000
	227	-0.585	6.988	282.74	-8.289	-0.878	0.029
	228	0.585	6.988	282.74	-8.289	0.878	-0.029
	229	0.000	10.349	360.13	-12.089	0.000	0.000
	230	0.000	-0.469	204.41	-1.151	0.000	0.000
	231	-0.297	6.279	206.01	-6.526	-1.084	0.000
	232	0.000	28.893	258.74	-31.124	0.000	0.000
	233	0.000	-16.934	260.31	16.827	0.000	0.000
	234	-0.585	5.979	259.53	-7.149	-0.878	0.029
	235	0.585	5.979	259.53	-7.149	0.878	-0.029
	236	0.000	9.341	336.91	-10.949	0.000	0.000
	237	0.000	-1.477	181.20	-0.011	0.000	0.000
	238	-0.297	5.270	182.79	-5.386	-1.084	0.000
	239	0.000	4.635	228.57	-5.629	0.000	0.000
	240	0.000	2.618	182.14	-3.349	0.000	0.000
	241	0.000	17.564	227.91	-19.347	0.000	0.000
	242	0.000	-9.932	228.86	9.424	0.000	0.000
	243	-0.351	3.816	228.39	-4.961	-0.527	0.017
	244	0.351	3.816	228.39	-4.961	0.527	-0.017
	245	0.000	5.833	274.82	-7.241	0.000	0.000
	246	-0.059	18.913	228.23	-20.422	-0.217	0.000
	247	-0.059	-8.583	229.18	8.349	-0.217	0.000
	248	-0.410	5.165	228.70	-6.036	-0.743	0.017
	249	0.291	5.165	228.70	-6.036	0.310	-0.017
	250	-0.059	7.182	275.14	-8.316	-0.217	0.000
	251	0.000	18.786	237.39	-20.470	0.000	0.000
	252	0.000	-8.710	238.33	8.300	0.000	0.000
	253	-0.351	5.038	237.86	-6.085	-0.527	0.017
	254	0.351	5.038	237.86	-6.085	0.527	-0.017
	255	0.000	7.055	284.29	-8.365	0.000	0.000
	256	0.000	21.010	235.76	-22.792	0.000	0.000
	257	0.000	-11.069	236.86	10.774	0.000	0.000
	258	-0.409	4.971	236.31	-6.009	-0.614	0.020
	259	0.409	4.971	236.31	-6.009	0.614	-0.020
	260	0.000	7.324	290.48	-8.669	0.000	0.000
	261	0.000	1.799	181.95	-2.681	0.000	0.000
	262	-0.059	3.148	182.27	-3.756	-0.217	0.000
	263	0.000	3.021	191.43	-3.805	0.000	0.000
	264	0.000	2.618	182.14	-3.349	0.000	0.000
	265	0.000	18.383	228.10	-20.014	0.000	0.000
	266	0.000	-9.113	229.05	8.756	0.000	0.000
	267	-0.351	4.635	228.57	-5.629	-0.527	0.017
	268	0.351	4.635	228.57	-5.629	0.527	-0.017
	269	0.000	6.652	275.01	-7.909	0.000	0.000
	270	0.000	2.618	182.14	-3.349	0.000	0.000
37	1	0.133	-2.944	78.045	3.857	-0.158	0.180
	2	0.031	-2.085	18.426	2.717	-0.057	0.050
	3	-0.322	0.168	-0.662	-1.235	-0.843	0.000
	4	0.011	-3.551	0.930	3.807	0.041	-0.023
	5	0.105	-6.950	61.419	9.055	-0.190	0.165
	6	-0.751	-2.925	30.603	3.776	-0.791	0.000
	7	0.856	-4.024	30.816	5.280	0.601	0.162
	8	0.188	18.996	-13.072	-24.642	0.021	0.168
	9	-0.084	-25.945	74.491	33.698	-0.211	0.000
	10+	29.444	2.401	0.856	3.147	102.09	0.569
	10-	-29.444	-2.401	-0.856	-3.147	-102.09	-0.569
	11+	29.603	2.391	0.847	3.118	102.27	0.546
	11-	-29.603	-2.391	-0.847	-3.118	-102.27	-0.546
	12+	4.792	68.195	22.034	88.094	1.842	1.508
	12-	-4.792	-68.195	-22.034	-88.094	-1.842	-1.508
	13+	3.594	75.554	23.341	97.695	1.774	0.719
	13-	-3.594	-75.554	-23.341	-97.695	-1.774	-0.719
	14	0.133	-2.944	78.045	3.857	-0.158	0.180
	15	0.180	-3.975	105.36	5.207	-0.213	0.243
	16	0.180	-6.072	105.68	7.932	-0.243	0.254
	17	0.227	-7.102	133.00	9.282	-0.298	0.317
	18	-0.349	-2.692	77.052	2.005	-1.422	0.170
	19	-0.303	-3.723	104.37	3.355	-1.478	0.233
	20	-0.326	-4.256	90.871	4.043	-1.465	0.207
	21	-0.109	-5.920	105.09	6.821	-1.002	0.248
	22	-0.279	-5.287	118.19	5.393	-1.520	0.270
	23	-0.063	-6.951	132.40	8.171	-1.057	0.311
	24	0.149	-8.271	79.440	9.568	-0.097	0.145
	25	0.196	-9.302	106.76	10.918	-0.152	0.208

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	26	0.173	-9.835	93.259	11.605	-0.140	0.183
	27	0.190	-9.268	106.52	11.358	-0.207	0.233
	28	0.219	-10.866	120.57	12.955	-0.195	0.246
	29	0.236	-10.298	133.84	12.708	-0.262	0.296
	30	0.290	-13.369	170.17	17.440	-0.443	0.427
	31	0.337	-14.399	197.49	18.790	-0.498	0.490
	32	0.314	-14.932	183.99	19.478	-0.485	0.465
	33	0.290	-13.369	170.17	17.440	-0.443	0.427
	34	0.360	-15.963	211.31	20.828	-0.541	0.527
	35	0.337	-14.399	197.49	18.790	-0.498	0.490
	36	0.000	-13.218	169.58	16.329	-1.201	0.421
	37	-0.239	-9.990	141.54	11.513	-1.622	0.343
	38	0.047	-14.248	196.89	17.679	-1.257	0.484
	39	-0.193	-11.020	168.86	12.863	-1.677	0.406
	40	0.024	-14.781	183.40	18.367	-1.244	0.458
	41	-0.216	-11.553	155.36	13.551	-1.665	0.380
	42	0.000	-13.218	169.58	16.329	-1.201	0.421
	43	0.071	-15.812	210.71	19.717	-1.299	0.521
	44	-0.169	-12.584	182.68	14.901	-1.720	0.443
	45	0.047	-14.248	196.89	17.679	-1.257	0.484
	46	0.300	-16.565	171.01	20.867	-0.406	0.407
	47	0.259	-15.569	143.93	19.076	-0.296	0.319
	48	0.346	-17.595	198.33	22.217	-0.461	0.470
	49	0.306	-16.599	171.25	20.426	-0.351	0.382
	50	0.323	-18.129	184.83	22.904	-0.449	0.444
	51	0.283	-17.132	157.75	21.113	-0.339	0.356
	52	0.300	-16.565	171.01	20.867	-0.406	0.407
	53	0.370	-19.159	212.15	24.254	-0.504	0.507
	54	0.329	-18.163	185.06	22.463	-0.394	0.419
	55	0.346	-17.595	198.33	22.217	-0.461	0.470
	56	-0.994	-7.332	123.95	9.520	-1.344	0.184
	57	-0.948	-8.362	151.27	10.870	-1.399	0.247
	58	-0.971	-8.896	137.77	11.558	-1.387	0.221
	59	-0.609	-9.143	137.82	11.896	-1.074	0.257
	60	-0.924	-9.926	165.09	12.908	-1.442	0.284
	61	-0.562	-10.173	165.13	13.246	-1.129	0.320
	62	-1.284	-7.181	123.35	8.409	-2.103	0.178
	63	-1.138	-5.764	109.19	5.970	-2.253	0.173
	64	-1.237	-8.211	150.67	9.759	-2.158	0.241
	65	-1.092	-6.794	136.50	7.319	-2.308	0.235
	66	-1.260	-8.745	137.17	10.447	-2.146	0.215
	67	-1.115	-7.327	123.00	8.007	-2.296	0.210
	68	-0.898	-8.992	137.22	10.785	-1.832	0.251
	69	-1.213	-9.775	164.49	11.797	-2.201	0.278
	70	-1.068	-8.358	150.32	9.357	-2.351	0.273
	71	-0.852	-10.022	164.54	12.135	-1.888	0.314
	72	-0.985	-10.528	124.79	12.947	-1.307	0.163
	73	-0.640	-11.343	111.57	13.532	-0.927	0.148
	74	-0.938	-11.559	152.10	14.297	-1.363	0.226
	75	-0.593	-12.373	138.89	14.882	-0.982	0.211
	76	-0.961	-12.092	138.61	14.984	-1.350	0.200
	77	-0.616	-12.906	125.39	15.570	-0.970	0.186
	78	-0.599	-12.339	138.65	15.323	-1.037	0.236
	79	-0.914	-13.122	165.92	16.334	-1.405	0.263
	80	-0.570	-13.937	152.71	16.919	-1.025	0.248
	81	-0.553	-13.370	165.97	16.673	-1.092	0.299
	82	1.417	-8.981	124.27	11.777	0.744	0.423
	83	1.464	-10.011	151.58	13.127	0.688	0.486
	84	1.441	-10.545	138.09	13.814	0.701	0.460
	85	1.079	-10.297	138.04	13.476	0.388	0.424
	86	1.487	-11.575	165.40	15.164	0.646	0.523
	87	1.126	-11.328	165.36	14.826	0.332	0.487
	88	1.128	-8.830	123.67	10.666	-0.015	0.417
	89	0.550	-6.918	109.41	7.549	-0.792	0.340
	90	1.174	-9.860	150.99	12.016	-0.070	0.480
	91	0.596	-7.949	136.72	8.899	-0.847	0.403
	92	1.151	-10.393	137.49	12.703	-0.058	0.454
	93	0.573	-8.482	123.23	9.587	-0.834	0.377
	94	0.790	-10.146	137.44	12.365	-0.371	0.418
	95	1.198	-11.424	164.81	14.053	-0.113	0.517
	96	0.620	-9.512	150.54	10.936	-0.889	0.440
	97	0.836	-11.177	164.76	13.715	-0.426	0.481
	98	1.427	-12.177	125.11	15.203	0.780	0.403
	99	1.048	-12.497	111.80	15.112	0.534	0.316
	100	1.473	-13.208	152.42	16.553	0.725	0.466
	101	1.095	-13.528	139.11	16.461	0.479	0.379
	102	1.451	-13.741	138.93	17.241	0.737	0.440
	103	1.072	-14.061	125.62	17.149	0.491	0.353
	104	1.089	-13.494	138.88	16.902	0.424	0.404
	105	1.497	-14.771	166.24	18.591	0.682	0.503
	106	1.118	-15.091	152.93	18.499	0.436	0.416
	107	1.135	-14.524	166.19	18.252	0.369	0.467
	108	0.416	25.549	58.438	-33.107	-0.126	0.431
	109	0.462	24.519	85.753	-31.757	-0.182	0.494

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	110	0.439	23.986	72.257	-31.069	-0.169	0.468
	111	0.378	13.874	91.958	-17.943	-0.221	0.430
	112	0.486	22.955	99.573	-29.719	-0.224	0.531
	113	0.425	12.843	119.27	-16.593	-0.276	0.493
	114	0.126	25.700	57.842	-34.218	-0.885	0.425
	115	-0.152	17.253	63.327	-23.869	-1.400	0.346
	116	0.173	24.670	85.157	-32.868	-0.940	0.488
	117	-0.105	16.222	90.642	-22.519	-1.456	0.409
	118	0.150	24.137	71.661	-32.180	-0.928	0.462
	119	-0.128	15.689	77.146	-21.832	-1.443	0.383
	120	0.089	14.025	91.362	-19.054	-0.980	0.424
	121	0.196	23.106	98.977	-30.830	-0.983	0.525
	122	-0.081	14.659	104.46	-20.482	-1.498	0.446
	123	0.135	12.994	118.68	-17.704	-1.035	0.487
	124	0.425	22.353	59.274	-29.680	-0.090	0.411
	125	0.347	11.674	65.714	-16.307	-0.075	0.322
	126	0.472	21.322	86.590	-28.330	-0.145	0.474
	127	0.393	10.643	93.030	-14.957	-0.130	0.384
	128	0.449	20.789	73.093	-27.643	-0.133	0.448
	129	0.370	10.110	79.534	-14.269	-0.118	0.359
	130	0.388	10.678	92.795	-14.516	-0.185	0.410
	131	0.495	19.759	100.41	-26.293	-0.188	0.511
	132	0.417	9.080	106.85	-12.919	-0.173	0.422
	133	0.434	9.647	120.11	-13.166	-0.240	0.472
	134	0.000	-41.862	189.78	54.404	-0.474	0.176
	135	0.054	-42.892	217.10	55.754	-0.529	0.239
	136	0.031	-43.426	203.60	56.441	-0.517	0.213
	137	0.092	-33.314	183.90	43.315	-0.465	0.251
	138	0.078	-44.456	230.92	57.791	-0.572	0.276
	139	0.139	-34.344	211.22	44.665	-0.520	0.314
	140	-0.282	-41.711	189.19	53.293	-1.233	0.170
	141	-0.437	-29.935	155.27	37.388	-1.644	0.167
	142	-0.235	-42.741	216.50	54.642	-1.288	0.233
	143	-0.391	-30.965	182.58	38.738	-1.699	0.230
	144	-0.258	-43.275	203.00	55.330	-1.276	0.207
	145	-0.414	-31.499	169.09	39.425	-1.687	0.204
	146	-0.197	-33.163	183.30	42.204	-1.223	0.245
	147	-0.212	-44.305	230.32	56.680	-1.331	0.270
	148	-0.367	-32.529	196.40	40.775	-1.742	0.267
	149	-0.151	-34.193	210.62	43.553	-1.279	0.308
	150	0.017	-45.058	190.62	57.830	-0.437	0.155
	151	0.061	-35.514	157.66	44.950	-0.318	0.143
	152	0.064	-46.089	217.93	59.180	-0.493	0.218
	153	0.108	-36.544	184.97	46.300	-0.373	0.206
	154	0.041	-46.622	204.44	59.868	-0.480	0.192
	155	0.085	-37.078	171.47	46.988	-0.361	0.180
	156	0.102	-36.510	184.74	46.741	-0.428	0.231
	157	0.087	-47.652	231.75	61.217	-0.535	0.255
	158	0.131	-38.108	198.79	48.338	-0.416	0.243
	159	0.148	-37.541	212.05	48.091	-0.483	0.294
	160+	31.078	15.745	122.36	38.866	102.37	1.301
	160-	-30.686	-29.973	107.43	-20.285	-102.91	-0.743
	161+	13.821	61.801	137.19	98.329	32.197	1.958
	161-	-13.429	-76.029	92.606	-79.748	-32.740	-1.400
	162+	30.877	17.943	122.75	41.717	102.53	1.041
	162-	-30.485	-32.171	107.05	-23.136	-103.08	-0.483
	163+	12.671	69.157	138.49	107.92	32.183	1.162
	163-	-12.279	-83.385	91.302	-89.340	-32.727	-0.604
	164+	12.623	69.160	138.49	107.93	32.128	1.169
	164-	-12.232	-83.388	91.299	-89.349	-32.672	-0.611
	165+	30.718	17.953	122.75	41.746	102.35	1.064
	165-	-30.327	-32.181	107.04	-23.165	-102.89	-0.506
	166+	31.236	15.735	122.35	38.837	102.55	1.277
	166-	-30.844	-29.963	107.44	-20.256	-103.10	-0.720
	167+	13.868	61.798	137.18	98.320	32.252	1.951
	167-	-13.477	-76.026	92.609	-79.740	-32.795	-1.393
	168	0.112	-25.322	149.17	32.446	-0.338	0.214
	169	0.303	6.137	87.878	-8.392	-0.176	0.333
	170	0.770	-9.977	118.60	12.554	0.230	0.329
	171	-0.355	-9.208	118.45	11.501	-0.744	0.218
	172	0.244	-12.025	140.02	15.197	-0.323	0.331
	173	-0.087	-23.090	148.22	29.421	-0.868	0.223
	174	0.103	8.369	86.923	-11.417	-0.706	0.343
	175	0.571	-7.746	117.64	9.529	-0.300	0.339
	176	-0.555	-6.976	117.50	8.476	-1.274	0.227
	177	0.045	-9.793	139.07	12.172	-0.854	0.341
	178	0.101	-25.700	140.33	32.611	-0.293	0.180
	179	0.291	5.759	79.037	-8.227	-0.131	0.299
	180	0.759	-10.355	109.76	12.718	0.275	0.295
	181	-0.367	-9.586	109.61	11.665	-0.699	0.184
	182	0.233	-12.403	131.18	15.361	-0.279	0.297
	183	-0.231	-21.980	138.74	27.569	-1.177	0.196
	184	-0.041	9.478	77.446	-13.269	-1.015	0.315
	185	0.426	-6.636	108.17	7.677	-0.609	0.311

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	186	-0.699	-5.866	108.02	6.624	-1.583	0.200
	187	-0.100	-8.684	129.59	10.320	-1.162	0.313
	188	0.071	-32.063	162.31	41.197	-0.373	0.188
	189	0.344	12.878	74.744	-17.143	-0.141	0.359
	190	1.011	-10.142	118.63	12.779	0.439	0.353
	191	-0.596	-9.043	118.42	11.275	-0.953	0.194
	192	0.260	-13.067	149.23	16.555	-0.352	0.356
	193	-0.128	-29.831	161.35	38.172	-0.903	0.198
	194	0.144	15.110	73.789	-20.168	-0.671	0.368
	195	0.812	-7.910	117.68	9.754	-0.091	0.363
	196	-0.796	-6.811	117.46	8.250	-1.483	0.203
	197	0.061	-10.836	148.28	13.530	-0.882	0.366
	198	0.085	-24.657	131.12	31.253	-0.265	0.155
	199	0.276	6.801	69.825	-9.586	-0.103	0.274
	200	0.743	-9.313	100.55	11.360	0.303	0.271
	201	-0.382	-8.543	100.40	10.307	-0.671	0.159
	202	0.217	-11.360	121.97	14.003	-0.250	0.272
	203	-0.247	-20.938	129.53	26.211	-1.148	0.171
	204	-0.057	10.521	68.233	-14.627	-0.986	0.290
	205	0.411	-5.593	98.954	6.318	-0.580	0.287
	206	-0.715	-4.824	98.805	5.265	-1.554	0.175
	207	-0.115	-7.641	120.38	8.961	-1.134	0.289
	208	0.106	-23.191	148.61	30.162	-0.362	0.227
	209	0.296	8.268	87.321	-10.676	-0.200	0.347
	210	0.764	-7.846	118.04	10.270	0.206	0.343
	211	-0.362	-7.077	117.89	9.216	-0.768	0.231
	212	0.238	-9.894	139.46	12.912	-0.348	0.345
	213	0.056	-31.020	153.09	39.839	-0.344	0.163
	214	0.328	13.920	65.531	-18.501	-0.112	0.334
	215	0.996	-9.100	109.42	11.421	0.467	0.328
	216	-0.612	-8.000	109.21	9.917	-0.924	0.169
	217	0.244	-12.025	140.02	15.197	-0.323	0.331
	218	-0.144	-28.789	152.14	36.814	-0.874	0.173
	219	0.128	16.152	64.576	-21.526	-0.643	0.343
	220	0.796	-6.868	108.46	8.396	-0.063	0.338
	221	-0.811	-5.769	108.25	6.892	-1.454	0.178
	222	0.045	-9.793	139.07	12.172	-0.854	0.341
	223	0.171	-7.160	97.029	8.858	-0.190	0.216
	224	-0.029	-4.928	96.074	5.833	-0.721	0.225
	225	0.065	-29.932	161.75	38.913	-0.397	0.202
	226	0.337	15.009	74.186	-19.427	-0.165	0.372
	227	1.005	-8.011	118.07	10.495	0.415	0.367
	228	-0.603	-6.912	117.86	8.991	-0.977	0.207
	229	0.253	-10.936	148.68	14.271	-0.376	0.370
	230	0.159	-7.538	88.188	9.022	-0.146	0.182
	231	-0.173	-3.819	86.596	3.981	-1.029	0.198
	232	0.049	-28.889	152.54	37.555	-0.369	0.177
	233	0.321	16.051	64.973	-20.785	-0.137	0.347
	234	0.989	-6.969	108.86	9.137	0.443	0.342
	235	-0.618	-5.869	108.65	7.633	-0.949	0.182
	236	0.238	-9.894	139.46	12.912	-0.348	0.345
	237	0.144	-6.496	78.975	7.664	-0.117	0.157
	238	-0.189	-2.776	77.383	2.622	-1.001	0.173
	239	0.164	-5.029	96.471	6.574	-0.215	0.229
	240	0.133	-2.944	78.045	3.857	-0.158	0.180
	241	0.085	-19.222	122.93	24.837	-0.276	0.174
	242	0.248	7.743	70.388	-10.167	-0.137	0.276
	243	0.649	-6.069	96.721	7.786	0.211	0.273
	244	-0.316	-5.410	96.593	6.884	-0.624	0.177
	245	0.198	-7.824	115.08	10.052	-0.264	0.274
	246	0.018	-18.478	122.61	23.829	-0.453	0.177
	247	0.182	8.487	70.070	-11.175	-0.314	0.279
	248	0.582	-5.325	96.402	6.778	0.034	0.276
	249	-0.382	-4.666	96.275	5.875	-0.801	0.180
	250	0.132	-7.080	114.76	9.043	-0.440	0.277
	251	0.089	-18.928	126.42	24.619	-0.296	0.188
	252	0.252	8.036	73.887	-10.385	-0.157	0.290
	253	0.653	-5.776	100.22	7.568	0.191	0.287
	254	-0.312	-5.116	100.09	6.666	-0.644	0.191
	255	0.202	-7.531	118.58	9.834	-0.283	0.289
	256	0.074	-21.106	130.19	27.445	-0.305	0.178
	257	0.265	10.353	68.895	-13.393	-0.143	0.297
	258	0.732	-5.761	99.616	7.553	0.263	0.293
	259	-0.393	-4.992	99.467	6.500	-0.711	0.182
	260	0.206	-7.809	121.04	10.196	-0.291	0.295
	261	0.135	-3.655	78.231	4.618	-0.150	0.175
	262	0.069	-2.911	77.913	3.610	-0.326	0.178
	263	0.139	-3.361	81.730	4.400	-0.169	0.190
	264	0.133	-2.944	78.045	3.857	-0.158	0.180
	265	0.083	-18.511	122.74	24.076	-0.284	0.178
	266	0.246	8.453	70.202	-10.928	-0.145	0.280
	267	0.647	-5.359	96.535	7.025	0.203	0.277
	268	-0.318	-4.699	96.407	6.122	-0.632	0.181
	269	0.196	-7.114	114.90	9.290	-0.272	0.279

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	270	0.133	-2.944	78.045	3.857	-0.158	0.180
47	1	-0.232	2.551	182.23	-3.166	-0.266	-0.043
	2	-0.066	1.989	46.479	-2.220	-0.079	-0.011
	3	-0.299	2.653	0.648	-2.037	-1.085	0.000
	4	0.000	-4.084	-0.930	3.310	-0.011	0.000
	5	-0.221	6.631	154.93	-7.401	-0.263	-0.036
	6	0.379	3.248	77.358	-3.547	0.640	-0.070
	7	-0.599	3.383	77.571	-3.854	-0.903	0.034
	8	-0.176	-19.507	77.976	20.240	-0.167	-0.054
	9	-0.045	26.138	76.952	-27.640	-0.096	0.018
	10+	28.353	0.831	1.268	1.222	112.66	0.291
	10-	-28.353	-0.831	-1.268	-1.222	-112.66	-0.291
	11+	28.295	0.832	1.263	1.222	112.53	0.285
	11-	-28.295	-0.832	-1.263	-1.222	-112.53	-0.285
	12+	0.969	18.521	33.686	29.200	1.160	0.203
	12-	-0.969	-18.521	-33.686	-29.200	-1.160	-0.203
	13+	2.564	17.510	31.559	27.089	3.442	0.648
	13-	-2.564	-17.510	-31.559	-27.089	-3.442	-0.648
	14	-0.232	2.551	182.23	-3.166	-0.266	-0.043
	15	-0.313	3.444	246.01	-4.274	-0.360	-0.058
	16	-0.331	5.535	251.95	-6.496	-0.385	-0.059
	17	-0.412	6.428	315.73	-7.604	-0.478	-0.074
	18	-0.681	6.530	183.20	-6.221	-1.894	-0.046
	19	-0.762	7.423	246.98	-7.329	-1.987	-0.061
	20	-0.730	8.022	218.06	-7.886	-1.953	-0.054
	21	-0.600	7.923	252.53	-8.329	-1.361	-0.061
	22	-0.811	8.915	281.84	-8.994	-2.046	-0.069
	23	-0.682	8.815	316.31	-9.437	-1.454	-0.076
	24	-0.229	-3.574	180.84	1.799	-0.283	-0.031
	25	-0.310	-2.682	244.62	0.691	-0.376	-0.046
	26	-0.279	-2.082	215.69	0.134	-0.342	-0.039
	27	-0.329	1.860	251.11	-3.517	-0.395	-0.052
	28	-0.360	-1.190	279.47	-0.974	-0.436	-0.054
	29	-0.411	2.752	314.89	-4.625	-0.488	-0.067
	30	-0.563	12.498	414.62	-14.267	-0.661	-0.096
	31	-0.644	13.390	478.40	-15.375	-0.754	-0.111
	32	-0.613	13.990	449.48	-15.932	-0.720	-0.104
	33	-0.563	12.498	414.62	-14.267	-0.661	-0.096
	34	-0.694	14.882	513.26	-17.040	-0.813	-0.119
	35	-0.644	13.390	478.40	-15.375	-0.754	-0.111
	36	-0.832	14.885	415.21	-16.100	-1.637	-0.098
	37	-0.912	13.493	345.88	-13.992	-2.170	-0.083
	38	-0.913	15.778	478.99	-17.208	-1.730	-0.113
	39	-0.994	14.386	409.66	-15.100	-2.263	-0.098
	40	-0.882	16.377	450.06	-17.765	-1.696	-0.106
	41	-0.962	14.985	380.74	-15.657	-2.229	-0.091
	42	-0.832	14.885	415.21	-16.100	-1.637	-0.098
	43	-0.963	17.270	513.84	-18.873	-1.789	-0.121
	44	-1.043	15.878	444.52	-16.765	-2.322	-0.106
	45	-0.913	15.778	478.99	-17.208	-1.730	-0.113
	46	-0.561	8.822	413.79	-11.288	-0.671	-0.089
	47	-0.461	3.388	343.51	-5.972	-0.559	-0.068
	48	-0.642	9.715	477.57	-12.396	-0.764	-0.104
	49	-0.542	4.281	407.29	-7.080	-0.652	-0.083
	50	-0.611	10.315	448.64	-12.953	-0.730	-0.097
	51	-0.510	4.880	378.37	-7.637	-0.618	-0.076
	52	-0.561	8.822	413.79	-11.288	-0.671	-0.089
	53	-0.692	11.207	512.43	-14.061	-0.823	-0.112
	54	-0.592	5.773	442.15	-8.745	-0.711	-0.091
	55	-0.642	9.715	477.57	-12.396	-0.764	-0.104
	56	0.336	7.423	298.27	-8.487	0.694	-0.147
	57	0.255	8.316	362.05	-9.595	0.601	-0.162
	58	0.287	8.915	333.13	-10.152	0.635	-0.155
	59	0.066	8.945	333.17	-10.221	0.288	-0.132
	60	0.205	9.808	396.91	-11.260	0.542	-0.170
	61	-0.015	9.838	396.95	-11.329	0.195	-0.147
	62	0.067	9.810	298.85	-10.320	-0.282	-0.149
	63	-0.283	9.941	264.43	-9.945	-1.221	-0.119
	64	-0.014	10.703	362.63	-11.428	-0.375	-0.164
	65	-0.364	10.833	328.21	-11.053	-1.315	-0.134
	66	0.017	11.303	333.71	-11.985	-0.341	-0.157
	67	-0.333	11.433	299.29	-11.611	-1.280	-0.127
	68	-0.203	11.333	333.76	-12.054	-0.689	-0.134
	69	-0.064	12.195	397.49	-13.093	-0.434	-0.172
	70	-0.414	12.325	363.07	-12.719	-1.374	-0.142
	71	-0.284	12.226	397.54	-13.162	-0.782	-0.149
	72	0.338	3.748	297.43	-5.508	0.684	-0.140
	73	0.169	-0.164	262.06	-1.925	0.389	-0.104
	74	0.257	4.640	361.21	-6.616	0.591	-0.155
	75	0.088	0.729	325.84	-3.033	0.296	-0.119
	76	0.288	5.240	332.29	-7.173	0.625	-0.148
	77	0.119	1.328	296.92	-3.591	0.330	-0.112
	78	0.068	5.270	332.34	-7.242	0.278	-0.125
	79	0.207	6.132	396.07	-8.281	0.532	-0.163

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	80	0.038	2.221	360.70	-4.699	0.237	-0.127
	81	-0.013	6.163	396.12	-8.350	0.185	-0.140
	82	-1.131	7.626	298.59	-8.946	-1.621	0.000
	83	-1.212	8.518	362.37	-10.054	-1.714	0.000
	84	-1.181	9.118	333.44	-10.611	-1.680	0.000
	85	-0.961	9.087	333.40	-10.542	-1.333	-0.023
	86	-1.262	10.010	397.23	-11.719	-1.774	-0.015
	87	-1.042	9.980	397.18	-11.650	-1.426	-0.038
	88	-1.400	10.013	299.17	-10.779	-2.598	0.000
	89	-1.310	10.083	264.65	-10.267	-2.842	-0.010
	90	-1.482	10.906	362.95	-11.887	-2.691	0.000
	91	-1.391	10.975	328.43	-11.375	-2.935	-0.025
	92	-1.450	11.505	334.03	-12.444	-2.657	0.000
	93	-1.360	11.575	299.51	-11.932	-2.901	-0.018
	94	-1.230	11.475	333.98	-12.375	-2.310	-0.025
	95	-1.531	12.398	397.81	-13.552	-2.750	-0.017
	96	-1.441	12.467	363.29	-13.040	-2.995	-0.033
	97	-1.311	12.368	397.76	-13.483	-2.403	-0.040
	98	-1.129	3.950	297.75	-5.967	-1.631	0.015
	99	-0.858	-0.022	262.28	-2.247	-1.232	0.000
	100	-1.211	4.843	361.53	-7.075	-1.725	0.000
	101	-0.940	0.871	326.07	-3.355	-1.325	-0.010
	102	-1.179	5.443	332.61	-7.632	-1.691	0.000
	103	-0.908	1.470	297.14	-3.912	-1.291	0.000
	104	-0.959	5.412	332.56	-7.563	-1.343	-0.016
	105	-1.260	6.335	396.39	-8.740	-1.784	0.000
	106	-0.989	2.363	360.92	-5.020	-1.384	-0.018
	107	-1.040	6.305	396.34	-8.671	-1.436	-0.031
	108	-0.496	-26.709	299.19	27.194	-0.517	-0.123
	109	-0.577	-25.816	362.97	26.086	-0.610	-0.138
	110	-0.546	-25.217	334.05	25.528	-0.576	-0.131
	111	-0.516	-14.947	333.82	14.755	-0.560	-0.115
	112	-0.627	-24.324	397.83	24.420	-0.669	-0.146
	113	-0.597	-14.054	397.60	13.647	-0.653	-0.130
	114	-0.765	-24.322	299.78	25.361	-1.493	-0.125
	115	-0.865	-13.952	265.08	15.031	-2.069	-0.102
	116	-0.846	-23.429	363.56	24.253	-1.586	-0.140
	117	-0.947	-13.059	328.86	13.923	-2.162	-0.117
	118	-0.815	-22.830	334.64	23.695	-1.552	-0.133
	119	-0.915	-12.460	299.93	13.366	-2.128	-0.110
	120	-0.785	-12.560	334.41	12.922	-1.536	-0.117
	121	-0.896	-21.937	398.42	22.587	-1.645	-0.148
	122	-0.996	-11.567	363.72	12.258	-2.221	-0.125
	123	-0.866	-11.667	398.19	11.814	-1.629	-0.132
	124	-0.494	-30.384	298.36	30.173	-0.527	-0.116
	125	-0.414	-24.057	262.71	23.051	-0.458	-0.087
	126	-0.575	-29.492	362.14	29.065	-0.620	-0.131
	127	-0.495	-23.164	326.49	21.943	-0.552	-0.102
	128	-0.544	-28.892	333.22	28.507	-0.586	-0.124
	129	-0.464	-22.564	297.57	21.386	-0.518	-0.095
	130	-0.514	-18.622	332.99	17.734	-0.570	-0.108
	131	-0.625	-28.000	397.00	27.399	-0.679	-0.139
	132	-0.545	-21.672	361.35	20.278	-0.611	-0.110
	133	-0.596	-17.730	396.77	16.626	-0.663	-0.123
	134	-0.299	41.758	297.66	-44.626	-0.410	-0.016
	135	-0.380	42.650	361.44	-45.734	-0.503	-0.031
	136	-0.349	43.250	332.52	-46.292	-0.469	-0.024
	137	-0.378	32.980	332.75	-35.519	-0.485	-0.040
	138	-0.430	44.142	396.30	-47.400	-0.563	-0.039
	139	-0.459	33.872	396.53	-36.627	-0.579	-0.055
	140	-0.568	44.145	298.24	-46.459	-1.387	-0.018
	141	-0.727	33.975	264.00	-35.243	-1.995	-0.027
	142	-0.649	45.038	362.02	-47.567	-1.480	-0.033
	143	-0.809	34.868	327.78	-36.351	-2.088	-0.042
	144	-0.618	45.637	333.10	-48.125	-1.446	-0.026
	145	-0.777	35.467	298.86	-36.908	-2.054	-0.035
	146	-0.647	35.367	333.33	-37.352	-1.462	-0.042
	147	-0.699	46.530	396.88	-49.233	-1.539	-0.041
	148	-0.858	36.360	362.64	-38.016	-2.147	-0.050
	149	-0.728	36.260	397.11	-38.460	-1.555	-0.057
	150	-0.297	38.083	296.82	-41.647	-0.420	0.000
	151	-0.276	23.870	261.64	-27.223	-0.384	-0.012
	152	-0.378	38.975	360.60	-42.755	-0.514	-0.024
	153	-0.357	24.763	325.42	-28.331	-0.477	-0.027
	154	-0.347	39.575	331.68	-43.313	-0.480	-0.017
	155	-0.326	25.362	296.49	-28.888	-0.443	-0.020
	156	-0.376	29.305	331.91	-32.540	-0.495	-0.033
	157	-0.428	40.467	395.46	-44.421	-0.573	-0.032
	158	-0.407	26.255	360.27	-29.996	-0.536	-0.035
	159	-0.458	30.197	395.69	-33.648	-0.589	-0.048
	160+	28.280	12.917	286.56	2.376	112.58	0.288
	160-	-29.009	0.142	263.81	-17.589	-113.43	-0.416
	161+	9.111	25.300	309.25	21.960	34.533	0.226
	161-	-9.840	-12.241	241.12	-37.173	-35.381	-0.354

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	162+	28.700	12.614	285.92	1.742	113.14	0.416
	162-	-29.429	0.445	264.46	-16.955	-113.99	-0.544
	163+	10.689	24.289	307.12	19.849	36.777	0.670
	163-	-11.417	-11.230	243.25	-35.062	-37.625	-0.798
	164+	10.706	24.289	307.13	19.849	36.816	0.671
	164-	-11.435	-11.230	243.25	-35.062	-37.664	-0.800
	165+	28.758	12.613	285.92	1.743	113.27	0.421
	165-	-29.487	0.446	264.45	-16.955	-114.12	-0.550
	166+	28.222	12.917	286.56	2.376	112.45	0.282
	166-	-28.951	0.142	263.82	-17.588	-113.30	-0.410
	167+	9.094	25.300	309.25	21.960	34.495	0.225
	167-	-9.822	-12.241	241.12	-37.173	-35.342	-0.353
	168	-0.328	20.387	282.02	-22.748	-0.419	-0.036
	169	-0.420	-11.565	282.73	10.768	-0.469	-0.086
	170	-0.717	4.458	282.45	-6.097	-0.984	-0.025
	171	-0.032	4.364	282.30	-5.883	0.096	-0.097
	172	-0.451	6.732	336.60	-8.581	-0.536	-0.074
	173	-0.509	24.428	282.96	-25.956	-1.063	-0.042
	174	-0.601	-7.523	283.68	7.560	-1.113	-0.092
	175	-0.897	8.500	283.40	-9.305	-1.628	-0.031
	176	-0.212	8.406	283.25	-9.091	-0.548	-0.103
	177	-0.632	10.774	337.55	-11.789	-1.180	-0.080
	178	-0.294	17.759	258.41	-20.314	-0.384	-0.028
	179	-0.386	-14.193	259.12	13.202	-0.434	-0.078
	180	-0.683	1.830	258.84	-3.663	-0.949	-0.016
	181	0.000	1.736	258.69	-3.449	0.131	-0.089
	182	-0.418	4.104	312.99	-6.146	-0.501	-0.065
	183	-0.595	24.495	259.98	-25.661	-1.458	-0.038
	184	-0.687	-7.456	260.70	7.855	-1.508	-0.088
	185	-0.984	8.567	260.42	-9.010	-2.023	-0.026
	186	-0.299	8.472	260.27	-8.796	-0.942	-0.099
	187	-0.719	10.840	314.57	-11.493	-1.575	-0.075
	188	-0.308	27.233	281.86	-29.930	-0.408	-0.025
	189	-0.440	-18.411	282.89	17.950	-0.479	-0.097
	190	-0.863	4.479	282.48	-6.143	-1.216	0.000
	191	0.115	4.343	282.27	-5.837	0.328	-0.113
	192	-0.485	7.727	359.84	-9.691	-0.575	-0.079
	193	-0.489	31.275	282.81	-33.138	-1.053	-0.031
	194	-0.621	-14.369	283.83	14.742	-1.124	-0.103
	195	-1.044	8.520	283.43	-9.351	-1.860	-0.015
	196	-0.066	8.385	283.22	-9.045	-0.316	-0.119
	197	-0.665	11.768	360.79	-12.899	-1.220	-0.085
	198	-0.261	16.764	235.17	-19.204	-0.345	-0.022
	199	-0.353	-15.187	235.88	14.312	-0.394	-0.072
	200	-0.650	0.836	235.60	-2.553	-0.910	-0.011
	201	0.035	0.741	235.45	-2.339	0.171	-0.084
	202	-0.384	3.109	289.75	-5.036	-0.462	-0.060
	203	-0.562	23.500	236.74	-24.551	-1.418	-0.032
	204	-0.654	-8.451	237.46	8.965	-1.468	-0.082
	205	-0.951	7.572	237.18	-7.900	-1.984	-0.021
	206	-0.266	7.477	237.03	-7.686	-0.903	-0.094
	207	-0.686	9.846	291.33	-10.383	-1.535	-0.070
	208	-0.329	22.837	282.58	-24.734	-0.412	-0.041
	209	-0.421	-9.115	283.29	8.782	-0.462	-0.091
	210	-0.718	6.908	283.01	-8.083	-0.977	-0.030
	211	-0.033	6.814	282.86	-7.869	0.103	-0.102
	212	-0.453	9.182	337.16	-10.567	-0.529	-0.078
	213	-0.275	26.239	258.62	-28.820	-0.369	-0.020
	214	-0.407	-19.406	259.65	19.060	-0.440	-0.092
	215	-0.830	3.484	259.24	-5.033	-1.176	0.000
	216	0.148	3.349	259.03	-4.727	0.367	-0.108
	217	-0.451	6.732	336.60	-8.581	-0.536	-0.074
	218	-0.456	30.280	259.57	-32.028	-1.013	-0.026
	219	-0.587	-15.364	260.59	15.852	-1.084	-0.098
	220	-1.011	7.526	260.19	-8.241	-1.821	-0.010
	221	-0.033	7.391	259.98	-7.935	-0.277	-0.114
	222	-0.632	10.774	337.55	-11.789	-1.180	-0.080
	223	-0.297	2.090	228.15	-3.400	-0.352	-0.049
	224	-0.478	6.132	229.10	-6.608	-0.996	-0.055
	225	-0.310	29.683	282.42	-31.916	-0.402	-0.030
	226	-0.441	-15.961	283.45	15.964	-0.473	-0.102
	227	-0.864	6.929	283.04	-8.129	-1.209	-0.014
	228	0.114	6.793	282.83	-7.823	0.335	-0.118
	229	-0.486	10.177	360.40	-11.677	-0.569	-0.084
	230	-0.263	-0.538	204.54	-0.966	-0.317	-0.040
	231	-0.564	6.198	206.12	-6.312	-1.391	-0.050
	232	-0.277	28.689	259.18	-30.806	-0.362	-0.025
	233	-0.408	-16.956	260.21	17.074	-0.433	-0.096
	234	-0.831	5.934	259.80	-7.019	-1.170	0.000
	235	0.147	5.799	259.59	-6.713	0.374	-0.112
	236	-0.453	9.182	337.16	-10.567	-0.529	-0.078
	237	-0.230	-1.533	181.30	0.144	-0.278	-0.035
	238	-0.531	5.204	182.88	-5.202	-1.351	-0.045
	239	-0.298	4.540	228.71	-5.386	-0.345	-0.053

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	240	-0.232	2.551	182.23	-3.166	-0.266	-0.043
	241	-0.258	17.417	228.22	-19.088	-0.326	-0.030
	242	-0.337	-9.970	228.83	9.640	-0.369	-0.073
	243	-0.591	3.764	228.59	-4.816	-0.811	-0.021
	244	0.000	3.683	228.46	-4.632	0.116	-0.083
	245	-0.364	5.713	275.00	-6.944	-0.426	-0.063
	246	-0.319	18.764	228.53	-20.157	-0.541	-0.032
	247	-0.397	-8.623	229.15	8.571	-0.583	-0.075
	248	-0.651	5.111	228.90	-5.885	-1.025	-0.023
	249	-0.064	5.030	228.77	-5.701	-0.099	-0.085
	250	-0.424	7.060	275.32	-8.014	-0.641	-0.065
	251	-0.272	18.631	237.70	-20.194	-0.340	-0.034
	252	-0.351	-8.755	238.31	8.534	-0.382	-0.077
	253	-0.605	4.979	238.07	-5.922	-0.824	-0.024
	254	-0.018	4.897	237.94	-5.738	0.102	-0.087
	255	-0.378	6.927	284.48	-8.050	-0.440	-0.066
	256	-0.263	20.847	236.10	-22.514	-0.333	-0.030
	257	-0.355	-11.104	236.81	11.002	-0.383	-0.080
	258	-0.652	4.919	236.53	-5.863	-0.899	-0.019
	259	0.033	4.824	236.38	-5.649	0.182	-0.091
	260	-0.386	7.193	290.68	-8.346	-0.450	-0.068
	261	-0.232	1.734	182.04	-2.504	-0.269	-0.041
	262	-0.292	3.081	182.36	-3.573	-0.483	-0.043
	263	-0.245	2.949	191.53	-3.610	-0.282	-0.045
	264	-0.232	2.551	182.23	-3.166	-0.266	-0.043
	265	-0.259	18.234	228.40	-19.750	-0.324	-0.032
	266	-0.338	-9.153	229.02	8.978	-0.366	-0.075
	267	-0.592	4.581	228.77	-5.478	-0.808	-0.022
	268	0.000	4.500	228.64	-5.294	0.118	-0.085
	269	-0.364	6.530	275.19	-7.606	-0.424	-0.064
	270	-0.232	2.551	182.23	-3.166	-0.266	-0.043
50	1	0.000	-2.035	78.131	2.692	0.000	0.000
	2	0.000	-1.841	18.473	2.406	0.000	0.000
	3	-0.296	0.154	-0.648	-1.215	-0.827	0.000
	4	0.000	-3.674	0.946	3.966	0.000	0.000
	5	0.000	-6.138	61.578	8.020	0.000	0.000
	6	-0.855	-3.069	30.789	4.010	-0.714	-0.046
	7	0.855	-3.069	30.789	4.010	0.714	0.046
	8	0.000	19.915	-13.267	-25.841	0.000	0.000
	9	0.000	-26.053	74.844	33.862	0.000	0.000
	10+	28.780	0.150	0.149	0.186	101.98	0.357
	10-	-28.780	-0.150	-0.149	-0.186	-101.98	-0.357
	11+	28.975	0.150	0.149	0.186	102.18	0.345
	11-	-28.975	-0.150	-0.149	-0.186	-102.18	-0.345
	12+	2.362	77.753	24.796	100.46	1.748	0.494
	12-	-2.362	-77.753	-24.796	-100.46	-1.748	-0.494
	13+	2.361	77.753	24.796	100.46	1.745	0.494
	13-	-2.361	-77.753	-24.796	-100.46	-1.745	-0.494
	14	0.000	-2.035	78.131	2.692	0.000	0.000
	15	0.000	-2.748	105.48	3.635	0.000	0.000
	16	0.000	-4.797	105.84	6.302	0.000	0.000
	17	0.000	-5.510	133.19	7.244	0.000	0.000
	18	-0.445	-1.804	77.159	0.871	-1.240	0.000
	19	-0.445	-2.517	104.50	1.813	-1.240	0.000
	20	-0.445	-3.185	91.013	2.675	-1.240	0.000
	21	-0.267	-4.659	105.26	5.209	-0.744	0.000
	22	-0.445	-3.898	118.36	3.617	-1.240	0.000
	23	-0.267	-5.371	132.60	6.151	-0.744	0.000
	24	0.000	-7.546	79.550	8.642	0.000	0.000
	25	0.000	-8.258	106.90	9.584	0.000	0.000
	26	0.000	-8.927	93.405	10.447	0.000	0.000
	27	0.000	-8.104	106.69	9.871	0.000	0.000
	28	0.000	-9.639	120.75	11.389	0.000	0.000
	29	0.000	-8.816	134.04	10.814	0.000	0.000
	30	0.000	-11.242	170.50	14.723	0.000	0.000
	31	0.000	-11.955	197.84	15.665	0.000	0.000
	32	0.000	-12.623	184.35	16.528	0.000	0.000
	33	0.000	-11.242	170.50	14.723	0.000	0.000
	34	0.000	-13.336	211.70	17.470	0.000	0.000
	35	0.000	-11.955	197.84	15.665	0.000	0.000
	36	-0.267	-11.104	169.91	13.630	-0.744	0.000
	37	-0.445	-8.249	141.81	9.292	-1.240	0.000
	38	-0.267	-11.816	197.26	14.572	-0.744	0.000
	39	-0.445	-8.961	169.16	10.234	-1.240	0.000
	40	-0.267	-12.485	183.77	15.435	-0.744	0.000
	41	-0.445	-9.630	155.67	11.097	-1.240	0.000
	42	-0.267	-11.104	169.91	13.630	-0.744	0.000
	43	-0.267	-13.197	211.11	16.377	-0.744	0.000
	44	-0.445	-10.343	183.02	12.039	-1.240	0.000
	45	-0.267	-11.816	197.26	14.572	-0.744	0.000
	46	0.000	-14.549	171.35	18.293	0.000	0.000
	47	0.000	-13.991	144.21	17.063	0.000	0.000
	48	0.000	-15.261	198.69	19.235	0.000	0.000
	49	0.000	-14.703	171.55	18.006	0.000	0.000

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	50	0.000	-15.930	185.20	20.097	0.000	0.000
	51	0.000	-15.372	158.06	18.868	0.000	0.000
	52	0.000	-14.549	171.35	18.293	0.000	0.000
	53	0.000	-16.642	212.55	21.040	0.000	0.000
	54	0.000	-16.084	185.41	19.810	0.000	0.000
	55	0.000	-15.261	198.69	19.235	0.000	0.000
	56	-1.282	-6.639	124.31	8.708	-1.071	-0.069
	57	-1.282	-7.351	151.66	9.650	-1.071	-0.069
	58	-1.282	-8.020	138.17	10.512	-1.071	-0.069
	59	-0.898	-8.020	138.17	10.512	-0.750	-0.049
	60	-1.282	-8.732	165.52	11.455	-1.071	-0.069
	61	-0.898	-8.732	165.52	11.455	-0.750	-0.049
	62	-1.549	-6.500	123.73	7.615	-1.815	-0.074
	63	-1.342	-5.027	109.49	5.081	-1.989	-0.056
	64	-1.549	-7.213	151.08	8.557	-1.815	-0.074
	65	-1.342	-5.739	136.83	6.024	-1.989	-0.056
	66	-1.549	-7.881	137.59	9.419	-1.815	-0.074
	67	-1.342	-6.408	123.34	6.886	-1.989	-0.056
	68	-1.164	-7.881	137.59	9.419	-1.494	-0.053
	69	-1.549	-8.594	164.93	10.362	-1.815	-0.074
	70	-1.342	-7.120	150.69	7.828	-1.989	-0.056
	71	-1.164	-8.594	164.93	10.362	-1.494	-0.053
	72	-1.282	-9.945	125.17	12.278	-1.071	-0.069
	73	-0.898	-10.768	111.88	12.853	-0.750	-0.049
	74	-1.282	-10.657	152.51	13.220	-1.071	-0.069
	75	-0.898	-11.480	139.22	13.795	-0.750	-0.049
	76	-1.282	-11.326	139.02	14.082	-1.071	-0.069
	77	-0.898	-12.149	125.73	14.657	-0.750	-0.049
	78	-0.898	-11.326	139.02	14.082	-0.750	-0.049
	79	-1.282	-12.038	166.37	15.024	-1.071	-0.069
	80	-0.898	-12.862	153.08	15.600	-0.750	-0.049
	81	-0.898	-12.038	166.37	15.024	-0.750	-0.049
	82	1.282	-6.639	124.31	8.708	1.071	0.069
	83	1.282	-7.351	151.66	9.650	1.071	0.069
	84	1.282	-8.020	138.17	10.512	1.071	0.069
	85	0.898	-8.020	138.17	10.512	0.750	0.049
	86	1.282	-8.732	165.52	11.455	1.071	0.069
	87	0.898	-8.732	165.52	11.455	0.750	0.049
	88	1.015	-6.500	123.73	7.615	0.327	0.065
	89	0.453	-5.027	109.49	5.081	-0.490	0.041
	90	1.015	-7.213	151.08	8.557	0.327	0.065
	91	0.453	-5.739	136.83	6.024	-0.490	0.041
	92	1.015	-7.881	137.59	9.419	0.327	0.065
	93	0.453	-6.408	123.34	6.886	-0.490	0.041
	94	0.631	-7.881	137.59	9.419	0.000	0.044
	95	1.015	-8.594	164.93	10.362	0.327	0.065
	96	0.453	-7.120	150.69	7.828	-0.490	0.041
	97	0.631	-8.594	164.93	10.362	0.000	0.044
	98	1.282	-9.945	125.17	12.278	1.071	0.069
	99	0.898	-10.768	111.88	12.853	0.750	0.049
	100	1.282	-10.657	152.51	13.220	1.071	0.069
	101	0.898	-11.480	139.22	13.795	0.750	0.049
	102	1.282	-11.326	139.02	14.082	1.071	0.069
	103	0.898	-12.149	125.73	14.657	0.750	0.049
	104	0.898	-11.326	139.02	14.082	0.750	0.049
	105	1.282	-12.038	166.37	15.024	1.071	0.069
	106	0.898	-12.862	153.08	15.600	0.750	0.049
	107	0.898	-12.038	166.37	15.024	0.750	0.049
	108	0.000	27.838	58.231	-36.070	0.000	0.000
	109	0.000	27.125	85.577	-35.127	0.000	0.000
	110	0.000	26.457	72.086	-34.265	0.000	0.000
	111	0.000	16.114	91.911	-20.832	0.000	0.000
	112	0.000	25.744	99.432	-33.323	0.000	0.000
	113	0.000	15.401	119.26	-19.890	0.000	0.000
	114	-0.267	27.976	57.648	-37.163	-0.744	0.000
	115	-0.445	19.107	63.228	-26.263	-1.240	0.000
	116	-0.267	27.264	84.994	-36.220	-0.744	0.000
	117	-0.445	18.395	90.574	-25.321	-1.240	0.000
	118	-0.267	26.595	71.503	-35.358	-0.744	0.000
	119	-0.445	17.726	77.083	-24.458	-1.240	0.000
	120	-0.267	16.252	91.327	-21.925	-0.744	0.000
	121	-0.267	25.883	98.848	-34.416	-0.744	0.000
	122	-0.445	17.014	104.43	-23.516	-1.240	0.000
	123	-0.267	15.540	118.67	-20.983	-0.744	0.000
	124	0.000	24.532	59.082	-32.500	0.000	0.000
	125	0.000	13.366	65.620	-18.492	0.000	0.000
	126	0.000	23.819	86.428	-31.558	0.000	0.000
	127	0.000	12.653	92.966	-17.549	0.000	0.000
	128	0.000	23.151	72.937	-30.695	0.000	0.000
	129	0.000	11.984	79.475	-16.687	0.000	0.000
	130	0.000	12.808	92.762	-17.262	0.000	0.000
	131	0.000	22.438	100.28	-29.753	0.000	0.000
	132	0.000	11.272	106.82	-15.745	0.000	0.000
	133	0.000	12.095	120.11	-16.320	0.000	0.000

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	134	0.000	-41.116	190.40	53.485	0.000	0.000
	135	0.000	-41.828	217.74	54.428	0.000	0.000
	136	0.000	-42.497	204.25	55.290	0.000	0.000
	137	0.000	-32.154	184.43	41.857	0.000	0.000
	138	0.000	-43.209	231.60	56.232	0.000	0.000
	139	0.000	-32.866	211.77	42.799	0.000	0.000
	140	-0.267	-40.977	189.81	52.392	-0.744	0.000
	141	-0.445	-29.160	155.74	36.426	-1.240	0.000
	142	-0.267	-41.689	217.16	53.334	-0.744	0.000
	143	-0.445	-29.873	183.09	37.368	-1.240	0.000
	144	-0.267	-42.358	203.67	54.197	-0.744	0.000
	145	-0.445	-30.541	169.60	38.230	-1.240	0.000
	146	-0.267	-32.015	183.84	40.764	-0.744	0.000
	147	-0.267	-43.070	231.01	55.139	-0.744	0.000
	148	-0.445	-31.254	196.95	39.172	-1.240	0.000
	149	-0.267	-32.727	211.19	41.706	-0.744	0.000
	150	0.000	-44.422	191.25	57.055	0.000	0.000
	151	0.000	-34.902	158.14	44.197	0.000	0.000
	152	0.000	-45.134	218.59	57.997	0.000	0.000
	153	0.000	-35.614	185.48	45.139	0.000	0.000
	154	0.000	-45.803	205.10	58.860	0.000	0.000
	155	0.000	-36.283	171.99	46.002	0.000	0.000
	156	0.000	-35.460	185.28	45.426	0.000	0.000
	157	0.000	-46.515	232.45	59.802	0.000	0.000
	158	0.000	-36.995	199.34	46.944	0.000	0.000
	159	0.000	-36.172	212.62	46.369	0.000	0.000
	160+	29.489	17.758	122.67	37.827	102.51	0.506
	160-	-29.489	-29.195	107.49	-22.818	-102.51	-0.506
	161+	10.996	72.080	139.92	108.02	32.343	0.601
	161-	-10.996	-83.517	90.237	-93.006	-32.343	-0.601
	162+	29.683	17.758	122.67	37.827	102.70	0.494
	162-	-29.683	-29.194	107.49	-22.818	-102.70	-0.494
	163+	11.054	72.080	139.92	108.02	32.399	0.598
	163-	-11.054	-83.517	90.237	-93.006	-32.399	-0.598
	164+	10.996	72.080	139.92	108.02	32.341	0.601
	164-	-10.996	-83.517	90.237	-93.006	-32.341	-0.601
	165+	29.489	17.758	122.67	37.827	102.51	0.506
	165-	-29.489	-29.195	107.49	-22.818	-102.51	-0.506
	166+	29.683	17.758	122.67	37.827	102.70	0.494
	166-	-29.683	-29.194	107.49	-22.818	-102.70	-0.494
	167+	11.054	72.080	139.92	108.02	32.401	0.598
	167-	-11.054	-83.517	90.237	-93.006	-32.401	-0.598
	168	0.000	-24.318	149.56	31.182	0.000	0.000
	169	0.000	7.860	87.885	-10.611	0.000	0.000
	170	0.598	-8.229	118.72	10.286	0.500	0.032
	171	-0.598	-8.229	118.72	10.286	-0.500	-0.032
	172	0.000	-10.378	140.28	13.093	0.000	0.000
	173	-0.178	-22.022	148.61	28.073	-0.496	0.000
	174	-0.178	10.156	86.929	-13.719	-0.496	0.000
	175	0.421	-5.933	117.77	7.177	0.000	0.029
	176	-0.776	-5.933	117.77	7.177	-0.996	-0.035
	177	-0.178	-8.081	139.32	9.984	-0.496	0.000
	178	0.000	-24.867	140.70	31.565	0.000	0.000
	179	0.000	7.311	79.027	-10.227	0.000	0.000
	180	0.598	-8.778	109.87	10.669	0.500	0.032
	181	-0.598	-8.778	109.87	10.669	-0.500	-0.032
	182	0.000	-10.926	131.42	13.476	0.000	0.000
	183	-0.296	-21.039	139.11	26.384	-0.827	0.000
	184	-0.296	11.139	77.433	-15.408	-0.827	0.000
	185	0.302	-4.950	108.27	5.488	-0.327	0.027
	186	-0.895	-4.950	108.27	5.488	-1.326	-0.037
	187	-0.296	-7.099	129.82	8.295	-0.827	0.000
	188	0.000	-31.214	162.78	40.137	0.000	0.000
	189	0.000	14.755	74.669	-19.566	0.000	0.000
	190	0.855	-8.229	118.72	10.286	0.714	0.046
	191	-0.855	-8.229	118.72	10.286	-0.714	-0.046
	192	0.000	-11.298	149.51	14.296	0.000	0.000
	193	-0.178	-28.917	161.82	37.029	-0.496	0.000
	194	-0.178	17.052	73.712	-22.675	-0.496	0.000
	195	0.677	-5.933	117.77	7.177	0.218	0.043
	196	-1.033	-5.933	117.77	7.177	-1.210	-0.049
	197	-0.178	-9.002	148.56	11.187	-0.496	0.000
	198	0.000	-23.946	131.47	30.362	0.000	0.000
	199	0.000	8.232	69.790	-11.430	0.000	0.000
	200	0.598	-7.857	100.63	9.466	0.500	0.032
	201	-0.598	-7.857	100.63	9.466	-0.500	-0.032
	202	0.000	-10.006	122.18	12.273	0.000	0.000
	203	-0.296	-20.119	129.87	25.181	-0.827	0.000
	204	-0.296	12.060	68.196	-16.611	-0.827	0.000
	205	0.302	-4.030	99.035	4.285	-0.327	0.027
	206	-0.895	-4.030	99.035	4.285	-1.326	-0.037
	207	-0.296	-6.178	120.59	7.092	-0.827	0.000
	208	0.000	-22.114	149.00	28.802	0.000	0.000
	209	0.000	10.064	87.318	-12.990	0.000	0.000

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	210	0.598	-6.025	118.16	7.906	0.500	0.032
	211	-0.598	-6.025	118.16	7.906	-0.500	-0.032
	212	0.000	-8.173	139.71	10.713	0.000	0.000
	213	0.000	-30.293	153.54	38.934	0.000	0.000
	214	0.000	15.676	65.432	-20.769	0.000	0.000
	215	0.855	-7.308	109.49	9.082	0.714	0.046
	216	-0.855	-7.308	109.49	9.082	-0.714	-0.046
	217	0.000	-10.378	140.28	13.093	0.000	0.000
	218	-0.178	-27.996	152.59	35.826	-0.496	0.000
	219	-0.178	17.973	64.475	-23.878	-0.496	0.000
	220	0.677	-5.012	108.53	5.974	0.218	0.043
	221	-1.033	-5.012	108.53	5.974	-1.210	-0.049
	222	-0.178	-8.081	139.32	9.984	-0.496	0.000
	223	0.000	-6.081	97.172	7.478	0.000	0.000
	224	-0.178	-3.784	96.215	4.370	-0.496	0.000
	225	0.000	-29.010	162.21	37.757	0.000	0.000
	226	0.000	16.959	74.101	-21.946	0.000	0.000
	227	0.855	-6.025	118.16	7.906	0.714	0.046
	228	-0.855	-6.025	118.16	7.906	-0.714	-0.046
	229	0.000	-9.094	148.95	11.916	0.000	0.000
	230	0.000	-6.630	88.314	7.862	0.000	0.000
	231	-0.296	-2.802	86.719	2.681	-0.827	0.000
	232	0.000	-28.089	152.98	36.554	0.000	0.000
	233	0.000	17.880	64.865	-23.149	0.000	0.000
	234	0.855	-5.104	108.92	6.703	0.714	0.046
	235	-0.855	-5.104	108.92	6.703	-0.714	-0.046
	236	0.000	-8.173	139.71	10.713	0.000	0.000
	237	0.000	-5.709	79.077	6.659	0.000	0.000
	238	-0.296	-1.881	77.483	1.478	-0.827	0.000
	239	0.000	-3.877	96.604	5.099	0.000	0.000
	240	0.000	-2.035	78.131	2.692	0.000	0.000
	241	0.000	-18.402	123.23	23.803	0.000	0.000
	242	0.000	9.179	70.360	-12.019	0.000	0.000
	243	0.513	-4.611	96.794	5.892	0.428	0.028
	244	-0.513	-4.611	96.794	5.892	-0.428	-0.028
	245	0.000	-6.453	115.27	8.298	0.000	0.000
	246	-0.059	-17.637	122.91	22.767	-0.165	0.000
	247	-0.059	9.945	70.042	-13.055	-0.165	0.000
	248	0.454	-3.846	96.475	4.856	0.263	0.027
	249	-0.572	-3.846	96.475	4.856	-0.594	-0.029
	250	-0.059	-5.687	114.95	7.262	-0.165	0.000
	251	0.000	-18.036	126.73	23.491	0.000	0.000
	252	0.000	9.546	73.866	-12.331	0.000	0.000
	253	0.513	-4.245	100.30	5.580	0.428	0.028
	254	-0.513	-4.245	100.30	5.580	-0.428	-0.028
	255	0.000	-6.086	118.77	7.986	0.000	0.000
	256	0.000	-20.273	130.52	26.396	0.000	0.000
	257	0.000	11.905	68.845	-15.397	0.000	0.000
	258	0.598	-4.184	99.683	5.500	0.500	0.032
	259	-0.598	-4.184	99.683	5.500	-0.500	-0.032
	260	0.000	-6.332	121.24	8.307	0.000	0.000
	261	0.000	-2.770	78.320	3.486	0.000	0.000
	262	-0.059	-2.005	78.002	2.449	-0.165	0.000
	263	0.000	-2.404	81.826	3.174	0.000	0.000
	264	0.000	-2.035	78.131	2.692	0.000	0.000
	265	0.000	-17.667	123.04	23.010	0.000	0.000
	266	0.000	9.914	70.171	-12.812	0.000	0.000
	267	0.513	-3.877	96.604	5.099	0.428	0.028
	268	-0.513	-3.877	96.604	5.099	-0.428	-0.028
	269	0.000	-5.718	115.08	7.505	0.000	0.000
	270	0.000	-2.035	78.131	2.692	0.000	0.000
60	1	-0.402	2.182	180.66	-2.435	-0.462	0.000
	2	-0.099	1.730	46.114	-1.845	-0.119	0.011
	3	-0.326	2.623	0.644	-1.984	-1.118	0.000
	4	0.018	-4.009	-0.723	3.167	0.000	0.023
	5	-0.331	5.768	153.71	-6.149	-0.397	0.038
	6	-0.048	4.771	75.104	-4.928	0.153	-0.132
	7	-0.284	0.997	78.611	-1.221	-0.550	0.170
	8	-0.536	-17.953	75.644	18.834	-0.554	-0.113
	9	0.204	23.720	78.071	-24.983	0.157	0.151
	10+	29.695	1.240	2.878	2.478	114.24	0.588
	10-	-29.695	-1.240	-2.878	-2.478	-114.24	-0.588
	11+	29.598	1.190	2.813	2.365	114.06	0.574
	11-	-29.598	-1.190	-2.813	-2.365	-114.06	-0.574
	12+	2.401	12.817	28.787	21.628	2.643	0.503
	12-	-2.401	-12.817	-28.787	-21.628	-2.643	-0.503
	13+	3.365	10.959	24.711	17.529	4.493	0.843
	13-	-3.365	-10.959	-24.711	-17.529	-4.493	-0.843
	14	-0.402	2.182	180.66	-2.435	-0.462	0.000
	15	-0.543	2.946	243.89	-3.287	-0.623	0.013
	16	-0.551	4.778	249.83	-5.202	-0.640	0.027
	17	-0.692	5.541	313.06	-6.054	-0.802	0.030
	18	-0.891	6.117	181.62	-5.410	-2.139	0.000
	19	-1.032	6.880	244.85	-6.263	-2.301	0.000

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	20	-0.966	7.414	216.21	-6.794	-2.228	0.000
	21	-0.845	7.138	250.41	-6.987	-1.647	0.019
	22	-1.107	8.178	279.44	-7.646	-2.390	0.000
	23	-0.986	7.902	313.64	-7.840	-1.808	0.023
	24	-0.375	-3.831	179.57	2.316	-0.473	0.045
	25	-0.515	-3.067	242.80	1.464	-0.635	0.048
	26	-0.449	-2.533	214.16	0.933	-0.562	0.054
	27	-0.535	1.170	249.18	-2.351	-0.647	0.048
	28	-0.590	-1.770	277.39	0.080	-0.724	0.057
	29	-0.675	1.933	312.41	-3.204	-0.809	0.051
	30	-0.899	10.834	411.23	-11.659	-1.057	0.066
	31	-1.040	11.597	474.46	-12.511	-1.218	0.070
	32	-0.974	12.131	445.82	-13.042	-1.146	0.075
	33	-0.899	10.834	411.23	-11.659	-1.057	0.066
	34	-1.114	12.895	509.05	-13.894	-1.307	0.078
	35	-1.040	11.597	474.46	-12.511	-1.218	0.070
	36	-1.193	13.194	411.81	-13.444	-2.063	0.059
	37	-1.239	12.173	343.02	-11.867	-2.556	0.037
	38	-1.333	13.958	475.04	-14.296	-2.225	0.062
	39	-1.380	12.936	406.25	-12.719	-2.717	0.040
	40	-1.267	14.492	446.40	-14.827	-2.152	0.067
	41	-1.314	13.470	377.61	-13.250	-2.645	0.045
	42	-1.193	13.194	411.81	-13.444	-2.063	0.059
	43	-1.408	15.256	509.63	-15.680	-2.314	0.071
	44	-1.455	14.234	440.84	-14.103	-2.806	0.049
	45	-1.333	13.958	475.04	-14.296	-2.225	0.062
	46	-0.883	7.226	410.58	-8.808	-1.064	0.088
	47	-0.723	2.225	340.97	-4.140	-0.890	0.085
	48	-1.023	7.989	473.81	-9.660	-1.225	0.091
	49	-0.863	2.989	404.20	-4.993	-1.051	0.088
	50	-0.957	8.523	445.16	-10.191	-1.153	0.096
	51	-0.797	3.523	375.56	-5.524	-0.979	0.093
	52	-0.883	7.226	410.58	-8.808	-1.064	0.088
	53	-1.098	9.287	508.40	-11.044	-1.314	0.100
	54	-0.938	4.286	438.79	-6.376	-1.140	0.097
	55	-1.023	7.989	473.81	-9.660	-1.225	0.091
	56	-0.473	9.338	293.31	-9.827	-0.232	-0.189
	57	-0.614	10.102	356.54	-10.680	-0.393	-0.185
	58	-0.548	10.636	327.90	-11.211	-0.321	-0.180
	59	-0.601	9.787	328.69	-10.377	-0.479	-0.112
	60	-0.689	11.400	391.13	-12.063	-0.483	-0.177
	61	-0.742	10.550	391.92	-11.229	-0.641	-0.109
	62	-0.767	11.699	293.89	-11.613	-1.238	-0.196
	63	-0.941	11.126	260.48	-10.585	-1.978	-0.142
	64	-0.908	12.463	357.12	-12.465	-1.400	-0.193
	65	-1.082	11.890	323.71	-11.437	-2.140	-0.138
	66	-0.842	12.997	328.48	-12.996	-1.328	-0.188
	67	-1.016	12.424	295.07	-11.969	-2.068	-0.133
	68	-0.895	12.148	329.27	-12.162	-1.486	-0.120
	69	-0.982	13.760	391.71	-13.848	-1.489	-0.184
	70	-1.157	13.187	358.30	-12.821	-2.229	-0.130
	71	-1.036	12.911	392.50	-13.014	-1.647	-0.116
	72	-0.457	5.730	292.66	-6.977	-0.239	-0.167
	73	-0.425	1.178	258.43	-2.859	-0.312	-0.094
	74	-0.598	6.494	355.89	-7.829	-0.400	-0.164
	75	-0.565	1.942	321.66	-3.711	-0.474	-0.090
	76	-0.532	7.028	327.25	-8.360	-0.328	-0.159
	77	-0.499	2.476	293.02	-4.242	-0.402	-0.085
	78	-0.585	6.179	328.04	-7.526	-0.486	-0.091
	79	-0.672	7.792	390.48	-9.213	-0.490	-0.156
	80	-0.640	3.240	356.25	-5.094	-0.563	-0.082
	81	-0.725	6.943	391.27	-8.378	-0.648	-0.088
	82	-0.828	3.677	298.57	-4.266	-1.286	0.265
	83	-0.968	4.441	361.80	-5.119	-1.448	0.268
	84	-0.902	4.975	333.16	-5.650	-1.376	0.273
	85	-0.849	5.824	332.37	-6.484	-1.217	0.205
	86	-1.043	5.739	396.39	-6.502	-1.537	0.277
	87	-0.990	6.588	395.60	-7.336	-1.379	0.209
	88	-1.121	6.038	299.15	-6.051	-2.293	0.257
	89	-1.189	7.163	264.16	-6.692	-2.716	0.176
	90	-1.262	6.802	362.38	-6.904	-2.455	0.261
	91	-1.330	7.927	327.40	-7.545	-2.878	0.179
	92	-1.196	7.336	333.74	-7.435	-2.382	0.266
	93	-1.264	8.461	298.75	-8.076	-2.806	0.184
	94	-1.143	8.185	332.95	-8.269	-2.224	0.198
	95	-1.337	8.100	396.97	-8.287	-2.544	0.269
	96	-1.405	9.225	361.98	-8.928	-2.967	0.188
	97	-1.283	8.949	396.18	-9.121	-2.386	0.201
	98	-0.811	0.070	297.92	-1.416	-1.293	0.286
	99	-0.673	-2.784	262.11	1.034	-1.050	0.224
	100	-0.952	0.833	361.15	-2.268	-1.455	0.289
	101	-0.813	-2.021	325.34	0.182	-1.212	0.227
	102	-0.886	1.367	332.51	-2.799	-1.383	0.295
	103	-0.747	-1.487	296.70	-0.349	-1.140	0.232

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	104	-0.833	2.216	331.72	-3.633	-1.224	0.227
	105	-1.026	2.131	395.74	-3.651	-1.544	0.298
	106	-0.888	-0.723	359.93	-1.202	-1.301	0.236
	107	-0.973	2.980	394.95	-4.486	-1.386	0.230
	108	-1.205	-24.747	294.12	25.816	-1.292	-0.160
	109	-1.346	-23.983	357.35	24.964	-1.454	-0.157
	110	-1.280	-23.449	328.71	24.432	-1.381	-0.151
	111	-1.113	-14.073	329.26	14.573	-1.221	-0.092
	112	-1.421	-22.685	391.94	23.580	-1.543	-0.148
	113	-1.254	-13.309	392.49	13.721	-1.383	-0.089
	114	-1.499	-22.386	294.70	24.031	-2.298	-0.168
	115	-1.454	-12.734	261.05	14.365	-2.720	-0.122
	116	-1.640	-21.622	357.93	23.178	-2.460	-0.164
	117	-1.594	-11.970	324.28	13.513	-2.882	-0.118
	118	-1.574	-21.088	329.29	22.647	-2.388	-0.159
	119	-1.528	-11.436	295.64	12.982	-2.810	-0.113
	120	-1.407	-11.712	329.83	12.788	-2.228	-0.100
	121	-1.714	-20.325	392.52	21.795	-2.549	-0.156
	122	-1.669	-10.672	358.87	12.129	-2.971	-0.110
	123	-1.548	-10.948	393.07	11.936	-2.389	-0.096
	124	-1.189	-28.355	293.47	28.666	-1.299	-0.139
	125	-0.937	-22.681	259.00	22.092	-1.054	-0.074
	126	-1.330	-27.591	356.70	27.814	-1.460	-0.135
	127	-1.078	-21.918	322.23	21.239	-1.216	-0.070
	128	-1.263	-27.057	328.06	27.283	-1.388	-0.130
	129	-1.011	-21.384	293.58	20.708	-1.144	-0.065
	130	-1.097	-17.681	328.60	17.424	-1.228	-0.071
	131	-1.404	-26.293	391.29	26.431	-1.550	-0.127
	132	-1.152	-20.620	356.82	19.856	-1.305	-0.062
	133	-1.238	-16.917	391.83	16.572	-1.390	-0.067
	134	-0.096	37.763	297.76	-39.909	-0.226	0.236
	135	-0.237	38.526	360.99	-40.762	-0.388	0.240
	136	-0.170	39.060	332.35	-41.293	-0.316	0.245
	137	-0.337	29.684	331.80	-31.434	-0.475	0.185
	138	-0.311	39.824	395.58	-42.145	-0.477	0.248
	139	-0.478	30.448	395.03	-32.286	-0.637	0.189
	140	-0.389	40.123	298.34	-41.695	-1.233	0.229
	141	-0.677	31.023	263.60	-31.642	-1.974	0.156
	142	-0.530	40.887	361.57	-42.547	-1.394	0.232
	143	-0.818	31.787	326.83	-32.495	-2.136	0.159
	144	-0.464	41.421	332.93	-43.078	-1.322	0.237
	145	-0.752	32.321	298.18	-33.026	-2.064	0.164
	146	-0.630	32.045	332.38	-33.219	-1.482	0.178
	147	-0.605	42.185	396.16	-43.930	-1.484	0.241
	148	-0.892	33.084	361.41	-33.878	-2.225	0.168
	149	-0.771	32.808	395.61	-34.072	-1.644	0.181
	150	-0.079	34.155	297.11	-37.059	-0.233	0.257
	151	-0.160	21.075	261.55	-23.916	-0.308	0.204
	152	-0.220	34.918	360.34	-37.911	-0.395	0.261
	153	-0.301	21.839	324.78	-24.768	-0.470	0.207
	154	-0.154	35.452	331.70	-38.442	-0.322	0.266
	155	-0.235	22.373	296.13	-25.300	-0.398	0.212
	156	-0.320	26.076	331.15	-28.584	-0.482	0.206
	157	-0.295	36.216	394.93	-39.295	-0.484	0.269
	158	-0.376	23.137	359.36	-26.152	-0.559	0.215
	159	-0.461	26.840	394.38	-29.436	-0.644	0.210
	160+	29.814	10.728	284.40	2.842	114.33	0.771
	160-	-31.016	0.557	261.37	-15.091	-115.73	-0.706
	161+	10.708	18.832	302.54	16.247	36.214	0.712
	161-	-11.910	-7.547	243.24	-28.496	-37.614	-0.647
	162+	30.007	10.120	283.11	1.499	114.71	0.859
	162-	-31.209	1.165	262.66	-13.748	-116.11	-0.794
	163+	11.644	16.958	298.44	12.114	38.012	1.048
	163-	-12.846	-5.673	247.33	-24.363	-39.411	-0.983
	164+	11.673	16.974	298.46	12.148	38.064	1.052
	164-	-12.874	-5.688	247.31	-24.397	-39.464	-0.987
	165+	30.103	10.171	283.18	1.612	114.89	0.873
	165-	-31.305	1.115	262.60	-13.861	-116.28	-0.808
	166+	29.718	10.677	284.34	2.729	114.15	0.757
	166-	-30.920	0.608	261.44	-14.978	-115.55	-0.692
	167+	10.680	18.817	302.52	16.213	36.162	0.708
	167-	-11.881	-7.531	243.26	-28.462	-37.561	-0.643
	168	-0.348	18.111	280.99	-19.867	-0.475	0.141
	169	-0.865	-11.060	279.29	10.804	-0.973	-0.044
	170	-0.689	2.205	281.37	-3.234	-0.970	0.154
	171	-0.524	4.847	278.91	-5.829	-0.478	-0.057
	172	-0.722	5.544	333.94	-6.684	-0.863	0.062
	173	-0.554	22.090	281.81	-22.958	-1.142	0.122
	174	-1.072	-7.081	280.11	7.714	-1.639	-0.063
	175	-0.896	6.184	282.19	-6.324	-1.637	0.135
	176	-0.731	8.826	279.73	-8.920	-1.144	-0.077
	177	-0.929	9.524	334.76	-9.774	-1.529	0.043
	178	-0.291	15.643	257.64	-17.678	-0.419	0.145
	179	-0.808	-13.528	255.94	12.994	-0.916	-0.040

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	180	-0.632	-0.264	258.02	-1.045	-0.914	0.158
	181	-0.467	2.378	255.56	-3.640	-0.422	-0.054
	182	-0.665	3.076	310.59	-4.494	-0.806	0.065
	183	-0.635	22.274	259.01	-22.829	-1.530	0.113
	184	-1.153	-6.897	257.31	7.843	-2.027	-0.072
	185	-0.977	6.368	259.39	-6.196	-2.024	0.126
	186	-0.811	9.010	256.93	-8.791	-1.532	-0.086
	187	-1.010	9.708	311.96	-9.645	-1.917	0.033
	188	-0.237	24.362	281.35	-26.440	-0.369	0.181
	189	-0.976	-17.311	278.92	17.377	-1.079	-0.084
	190	-0.725	1.639	281.89	-2.678	-1.076	0.200
	191	-0.488	5.413	278.39	-6.385	-0.373	-0.103
	192	-0.772	6.410	357.00	-7.606	-0.922	0.067
	193	-0.443	28.341	282.17	-29.530	-1.035	0.161
	194	-1.183	-13.332	279.74	14.286	-1.746	-0.103
	195	-0.931	5.618	282.71	-5.768	-1.742	0.180
	196	-0.695	9.392	279.21	-9.476	-1.039	-0.122
	197	-0.979	10.389	357.82	-10.697	-1.589	0.048
	198	-0.241	14.777	234.58	-16.756	-0.360	0.139
	199	-0.759	-14.394	232.89	13.916	-0.857	-0.046
	200	-0.582	-1.129	234.96	-0.122	-0.854	0.152
	201	-0.417	1.513	232.51	-2.717	-0.362	-0.059
	202	-0.616	2.211	287.54	-3.572	-0.747	0.060
	203	-0.585	21.409	235.95	-21.907	-1.470	0.107
	204	-1.103	-7.762	234.25	8.765	-1.967	-0.078
	205	-0.927	5.503	236.33	-5.273	-1.965	0.120
	206	-0.762	8.145	233.87	-7.868	-1.473	-0.091
	207	-0.960	8.843	288.90	-8.723	-1.858	0.028
	208	-0.359	20.517	281.42	-21.768	-0.471	0.127
	209	-0.876	-8.654	279.72	8.904	-0.968	-0.058
	210	-0.700	4.610	281.80	-5.134	-0.966	0.140
	211	-0.535	7.252	279.35	-7.730	-0.473	-0.071
	212	-0.733	7.950	334.37	-8.584	-0.858	0.048
	213	-0.187	23.497	258.30	-25.518	-0.309	0.175
	214	-0.927	-18.176	255.87	18.299	-1.020	-0.089
	215	-0.675	0.774	258.83	-1.755	-1.016	0.194
	216	-0.439	4.548	255.33	-5.463	-0.313	-0.108
	217	-0.722	5.544	333.94	-6.684	-0.863	0.062
	218	-0.394	27.476	259.12	-28.608	-0.976	0.156
	219	-1.133	-14.197	256.69	15.209	-1.686	-0.108
	220	-0.882	4.753	259.65	-4.846	-1.683	0.175
	221	-0.645	8.527	256.15	-8.553	-0.979	-0.128
	222	-0.929	9.524	334.76	-9.774	-1.529	0.043
	223	-0.491	1.507	226.34	-2.379	-0.585	0.035
	224	-0.697	5.486	227.16	-5.470	-1.252	0.016
	225	-0.248	26.768	281.79	-28.340	-0.364	0.166
	226	-0.987	-14.905	279.36	15.476	-1.075	-0.098
	227	-0.736	4.044	282.33	-4.578	-1.071	0.186
	228	-0.499	7.818	278.82	-8.286	-0.368	-0.117
	229	-0.783	8.815	357.43	-9.506	-0.918	0.053
	230	-0.433	-0.962	202.99	-0.190	-0.529	0.039
	231	-0.778	5.670	204.36	-5.341	-1.639	0.000
	232	-0.198	25.902	258.73	-27.418	-0.305	0.161
	233	-0.938	-15.771	256.30	16.399	-1.015	-0.103
	234	-0.686	3.179	259.27	-3.656	-1.012	0.180
	235	-0.450	6.953	255.76	-7.363	-0.308	-0.122
	236	-0.733	7.950	334.37	-8.584	-0.858	0.048
	237	-0.384	-1.827	179.93	0.732	-0.469	0.033
	238	-0.728	4.805	181.30	-4.419	-1.580	0.000
	239	-0.501	3.912	226.77	-4.280	-0.581	0.021
	240	-0.402	2.182	180.66	-2.435	-0.462	0.000
	241	-0.276	15.612	227.36	-16.791	-0.369	0.105
	242	-0.720	-9.391	225.90	9.499	-0.795	-0.053
	243	-0.569	1.978	227.68	-2.534	-0.793	0.117
	244	-0.427	4.243	225.58	-4.759	-0.371	-0.065
	245	-0.597	4.841	272.74	-5.491	-0.701	0.037
	246	-0.345	16.939	227.63	-17.822	-0.591	0.099
	247	-0.789	-8.065	226.17	8.469	-1.017	-0.060
	248	-0.638	3.305	227.95	-3.564	-1.015	0.110
	249	-0.496	5.569	225.85	-5.789	-0.593	-0.071
	250	-0.666	6.167	273.02	-6.521	-0.923	0.031
	251	-0.299	16.760	236.72	-17.794	-0.391	0.103
	252	-0.743	-8.243	235.27	8.496	-0.818	-0.056
	253	-0.592	3.126	237.05	-3.536	-0.815	0.114
	254	-0.451	5.391	234.94	-5.761	-0.394	-0.067
	255	-0.621	5.989	282.11	-6.493	-0.723	0.035
	256	-0.259	18.786	235.31	-19.923	-0.352	0.116
	257	-0.777	-10.385	233.61	10.749	-0.849	-0.069
	258	-0.601	2.880	235.69	-3.290	-0.847	0.129
	259	-0.435	5.522	233.23	-5.885	-0.354	-0.083
	260	-0.634	6.219	288.26	-6.739	-0.739	0.036
	261	-0.398	1.380	180.51	-1.802	-0.463	0.015
	262	-0.467	2.707	180.79	-2.832	-0.685	0.000
	263	-0.422	2.528	189.88	-2.804	-0.485	0.012

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	264	-0.402	2.182	180.66	-2.435	-0.462	0.000
	265	-0.280	16.414	227.50	-17.425	-0.368	0.100
	266	-0.723	-8.590	226.04	8.865	-0.794	-0.058
	267	-0.572	2.780	227.82	-3.168	-0.792	0.112
	268	-0.431	5.044	225.72	-5.392	-0.370	-0.070
	269	-0.601	5.643	272.89	-6.124	-0.700	0.032
	270	-0.402	2.182	180.66	-2.435	-0.462	0.000
63	1	-0.133	-2.944	78.045	3.857	0.158	-0.180
	2	-0.031	-2.085	18.426	2.717	0.057	-0.050
	3	-0.289	0.151	-0.648	-1.207	-0.816	0.000
	4	-0.011	-3.551	0.930	3.807	-0.041	0.023
	5	-0.105	-6.950	61.419	9.055	0.190	-0.165
	6	-0.856	-4.024	30.816	5.280	-0.601	-0.162
	7	0.751	-2.925	30.603	3.776	0.791	0.000
	8	-0.188	18.996	-13.072	-24.642	-0.021	-0.168
	9	0.084	-25.945	74.491	33.698	0.211	0.000
	10+	29.444	2.400	0.855	3.147	102.09	0.569
	10-	-29.444	-2.400	-0.855	-3.147	-102.09	-0.569
	11+	29.603	2.391	0.847	3.118	102.27	0.546
	11-	-29.603	-2.391	-0.847	-3.118	-102.27	-0.546
	12+	3.594	75.554	23.341	97.695	1.776	0.719
	12-	-3.594	-75.554	-23.341	-97.695	-1.776	-0.719
	13+	4.791	68.195	22.034	88.094	1.840	1.508
	13-	-4.791	-68.195	-22.034	-88.094	-1.840	-1.508
	14	-0.133	-2.944	78.045	3.857	0.158	-0.180
	15	-0.180	-3.975	105.36	5.207	0.213	-0.243
	16	-0.180	-6.072	105.68	7.932	0.243	-0.254
	17	-0.227	-7.102	133.00	9.282	0.298	-0.317
	18	-0.567	-2.717	77.074	2.047	-1.067	-0.192
	19	-0.613	-3.748	104.39	3.396	-1.012	-0.255
	20	-0.590	-4.281	90.893	4.084	-1.024	-0.229
	21	-0.440	-5.935	105.10	6.846	-0.491	-0.261
	22	-0.637	-5.311	118.21	5.434	-0.969	-0.292
	23	-0.487	-6.966	132.42	8.196	-0.436	-0.324
	24	-0.149	-8.271	79.440	9.568	0.097	-0.145
	25	-0.196	-9.302	106.76	10.918	0.152	-0.208
	26	-0.173	-9.835	93.259	11.605	0.140	-0.183
	27	-0.190	-9.268	106.52	11.358	0.207	-0.233
	28	-0.219	-10.866	120.57	12.955	0.195	-0.246
	29	-0.236	-10.298	133.84	12.708	0.262	-0.296
	30	-0.290	-13.369	170.17	17.440	0.443	-0.427
	31	-0.337	-14.399	197.49	18.790	0.498	-0.490
	32	-0.314	-14.932	183.99	19.478	0.485	-0.465
	33	-0.290	-13.369	170.17	17.440	0.443	-0.427
	34	-0.360	-15.963	211.31	20.828	0.541	-0.527
	35	-0.337	-14.399	197.49	18.790	0.498	-0.490
	36	-0.550	-13.232	169.59	16.354	-0.292	-0.435
	37	-0.677	-10.014	141.56	11.555	-0.867	-0.365
	38	-0.597	-14.263	196.91	17.704	-0.237	-0.498
	39	-0.723	-11.045	168.88	12.905	-0.812	-0.428
	40	-0.574	-14.796	183.41	18.391	-0.249	-0.472
	41	-0.700	-11.578	155.38	13.592	-0.825	-0.403
	42	-0.550	-13.232	169.59	16.354	-0.292	-0.435
	43	-0.621	-15.827	210.73	19.741	-0.194	-0.535
	44	-0.747	-12.609	182.70	14.942	-0.769	-0.466
	45	-0.597	-14.263	196.91	17.704	-0.237	-0.498
	46	-0.300	-16.565	171.01	20.867	0.406	-0.407
	47	-0.259	-15.569	143.93	19.076	0.296	-0.319
	48	-0.346	-17.595	198.33	22.217	0.461	-0.470
	49	-0.306	-16.599	171.25	20.426	0.351	-0.382
	50	-0.323	-18.129	184.83	22.904	0.449	-0.444
	51	-0.283	-17.132	157.75	21.113	0.339	-0.356
	52	-0.300	-16.565	171.01	20.867	0.406	-0.407
	53	-0.370	-19.159	212.15	24.254	0.504	-0.507
	54	-0.329	-18.163	185.06	22.463	0.394	-0.419
	55	-0.346	-17.595	198.33	22.217	0.461	-0.470
	56	-1.417	-8.981	124.27	11.777	-0.744	-0.423
	57	-1.464	-10.011	151.58	13.127	-0.688	-0.486
	58	-1.441	-10.545	138.09	13.814	-0.701	-0.460
	59	-1.079	-10.297	138.04	13.476	-0.388	-0.424
	60	-1.487	-11.575	165.40	15.164	-0.646	-0.523
	61	-1.126	-11.328	165.36	14.826	-0.332	-0.487
	62	-1.678	-8.845	123.69	10.691	-1.478	-0.431
	63	-1.466	-6.943	109.43	7.590	-1.698	-0.363
	64	-1.724	-9.875	151.00	12.040	-1.423	-0.494
	65	-1.512	-7.973	136.75	8.940	-1.642	-0.425
	66	-1.701	-10.408	137.51	12.728	-1.436	-0.468
	67	-1.489	-8.507	123.25	9.628	-1.655	-0.400
	68	-1.339	-10.161	137.46	12.390	-1.122	-0.432
	69	-1.748	-11.439	164.82	14.078	-1.380	-0.531
	70	-1.536	-9.537	150.57	10.978	-1.600	-0.463
	71	-1.386	-11.192	164.77	13.739	-1.067	-0.495
	72	-1.427	-12.177	125.11	15.203	-0.780	-0.403
	73	-1.048	-12.497	111.80	15.112	-0.534	-0.316

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	74	-1.473	-13.208	152.42	16.553	-0.725	-0.466
	75	-1.095	-13.528	139.11	16.461	-0.479	-0.379
	76	-1.451	-13.741	138.93	17.241	-0.737	-0.440
	77	-1.072	-14.061	125.62	17.149	-0.491	-0.353
	78	-1.089	-13.494	138.88	16.902	-0.424	-0.404
	79	-1.497	-14.771	166.24	18.591	-0.682	-0.503
	80	-1.118	-15.091	152.93	18.499	-0.436	-0.416
	81	-1.135	-14.524	166.19	18.252	-0.369	-0.467
	82	0.994	-7.332	123.95	9.520	1.344	-0.184
	83	0.948	-8.362	151.27	10.870	1.399	-0.247
	84	0.971	-8.896	137.77	11.558	1.387	-0.221
	85	0.609	-9.143	137.82	11.896	1.074	-0.257
	86	0.924	-9.926	165.09	12.908	1.442	-0.284
	87	0.562	-10.173	165.13	13.246	1.129	-0.320
	88	0.734	-7.196	123.37	8.434	0.609	-0.191
	89	0.222	-5.789	109.21	6.011	-0.236	-0.195
	90	0.687	-8.226	150.68	9.784	0.664	-0.254
	91	0.176	-6.819	136.52	7.361	-0.181	-0.258
	92	0.710	-8.759	137.19	10.472	0.652	-0.228
	93	0.199	-7.352	123.03	8.048	-0.194	-0.232
	94	0.349	-9.007	137.23	10.810	0.339	-0.264
	95	0.664	-9.790	164.50	11.822	0.707	-0.291
	96	0.152	-8.383	150.34	9.398	-0.138	-0.295
	97	0.302	-10.037	164.55	12.160	0.394	-0.327
	98	0.985	-10.528	124.79	12.947	1.307	-0.163
	99	0.640	-11.343	111.57	13.532	0.927	-0.148
	100	0.938	-11.559	152.10	14.297	1.363	-0.226
	101	0.593	-12.373	138.89	14.882	0.982	-0.211
	102	0.961	-12.092	138.61	14.984	1.350	-0.200
	103	0.616	-12.906	125.39	15.570	0.970	-0.186
	104	0.599	-12.339	138.65	15.323	1.037	-0.236
	105	0.914	-13.122	165.92	16.334	1.405	-0.263
	106	0.570	-13.937	152.71	16.919	1.025	-0.248
	107	0.553	-13.370	165.97	16.673	1.092	-0.299
	108	-0.416	25.549	58.438	-33.107	0.126	-0.431
	109	-0.462	24.519	85.753	-31.757	0.182	-0.494
	110	-0.439	23.986	72.257	-31.069	0.169	-0.468
	111	-0.378	13.874	91.958	-17.943	0.221	-0.430
	112	-0.486	22.955	99.573	-29.719	0.224	-0.531
	113	-0.425	12.843	119.27	-16.593	0.276	-0.493
	114	-0.676	25.685	57.855	-34.193	-0.608	-0.439
	115	-0.765	17.228	63.348	-23.828	-1.089	-0.368
	116	-0.722	24.655	85.171	-32.843	-0.553	-0.502
	117	-0.811	16.198	90.664	-22.478	-1.034	-0.431
	118	-0.700	24.122	71.674	-32.155	-0.566	-0.476
	119	-0.788	15.664	77.168	-21.790	-1.046	-0.405
	120	-0.638	14.010	91.376	-19.029	-0.513	-0.438
	121	-0.746	23.091	98.990	-30.805	-0.510	-0.539
	122	-0.835	14.634	104.48	-20.440	-0.991	-0.468
	123	-0.685	12.980	118.69	-17.679	-0.458	-0.500
	124	-0.425	22.353	59.274	-29.680	0.090	-0.411
	125	-0.347	11.674	65.714	-16.307	0.075	-0.322
	126	-0.472	21.322	86.590	-28.330	0.145	-0.474
	127	-0.393	10.643	93.030	-14.957	0.130	-0.384
	128	-0.449	20.789	73.093	-27.643	0.133	-0.448
	129	-0.370	10.110	79.534	-14.269	0.118	-0.359
	130	-0.388	10.678	92.795	-14.516	0.185	-0.410
	131	-0.495	19.759	100.41	-26.293	0.188	-0.511
	132	-0.417	9.080	106.85	-12.919	0.173	-0.422
	133	-0.434	9.647	120.11	-13.166	0.240	-0.472
	134	0.000	-41.862	189.78	54.404	0.474	-0.176
	135	-0.054	-42.892	217.10	55.754	0.529	-0.239
	136	-0.031	-43.426	203.60	56.441	0.517	-0.213
	137	-0.092	-33.314	183.90	43.315	0.465	-0.251
	138	-0.078	-44.456	230.92	57.791	0.572	-0.276
	139	-0.139	-34.344	211.22	44.665	0.520	-0.314
	140	-0.268	-41.726	189.20	53.317	-0.261	-0.183
	141	-0.479	-29.960	155.29	37.429	-0.845	-0.189
	142	-0.314	-42.756	216.51	54.667	-0.205	-0.246
	143	-0.525	-30.990	182.61	38.779	-0.790	-0.252
	144	-0.291	-43.289	203.02	55.355	-0.218	-0.220
	145	-0.503	-31.523	169.11	39.467	-0.803	-0.227
	146	-0.353	-33.178	183.32	42.228	-0.270	-0.259
	147	-0.338	-44.320	230.33	56.705	-0.163	-0.283
	148	-0.549	-32.554	196.42	40.817	-0.747	-0.289
	149	-0.399	-34.208	210.63	43.578	-0.215	-0.322
	150	-0.017	-45.058	190.62	57.830	0.437	-0.155
	151	-0.061	-35.514	157.66	44.950	0.318	-0.143
	152	-0.064	-46.089	217.93	59.180	0.493	-0.218
	153	-0.108	-36.544	184.97	46.300	0.373	-0.206
	154	-0.041	-46.622	204.44	59.868	0.480	-0.192
	155	-0.085	-37.078	171.47	46.988	0.361	-0.180
	156	-0.102	-36.510	184.74	46.741	0.428	-0.231
	157	-0.087	-47.652	231.75	61.217	0.535	-0.255

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	158	-0.131	-38.108	198.79	48.338	0.416	-0.243
	159	-0.148	-37.541	212.05	48.091	0.483	-0.294
	160+	30.327	17.953	122.75	41.746	102.89	0.506
	160-	-30.718	-32.181	107.04	-23.165	-102.35	-1.064
	161+	12.232	69.160	138.49	107.93	32.674	0.611
	161-	-12.624	-83.388	91.299	-89.349	-32.131	-1.169
	162+	30.844	15.735	122.35	38.837	103.09	0.720
	162-	-31.236	-29.963	107.44	-20.256	-102.55	-1.277
	163+	13.476	61.798	137.18	98.320	32.793	1.393
	163-	-13.868	-76.026	92.609	-79.740	-32.249	-1.951
	164+	13.429	61.801	137.19	98.329	32.738	1.400
	164-	-13.820	-76.029	92.606	-79.748	-32.194	-1.958
	165+	30.686	15.745	122.36	38.865	102.91	0.743
	165-	-31.077	-29.973	107.43	-20.285	-102.37	-1.301
	166+	30.485	17.943	122.75	41.717	103.08	0.483
	166-	-30.877	-32.171	107.05	-23.136	-102.53	-1.041
	167+	12.279	69.157	138.49	107.92	32.729	0.604
	167-	-12.671	-83.385	91.302	-89.340	-32.186	-1.162
	168	-0.112	-25.322	149.17	32.446	0.338	-0.214
	169	-0.303	6.137	87.878	-8.392	0.176	-0.333
	170	0.355	-9.208	118.45	11.501	0.744	-0.218
	171	-0.770	-9.977	118.60	12.554	-0.230	-0.329
	172	-0.244	-12.025	140.02	15.197	0.323	-0.331
	173	-0.279	-23.100	148.23	29.438	-0.127	-0.232
	174	-0.470	8.359	86.932	-11.400	-0.290	-0.352
	175	0.188	-6.986	117.50	8.492	0.278	-0.236
	176	-0.937	-7.755	117.65	9.545	-0.696	-0.348
	177	-0.411	-9.803	139.08	12.188	-0.142	-0.350
	178	-0.101	-25.700	140.33	32.611	0.293	-0.180
	179	-0.291	5.759	79.037	-8.227	0.131	-0.299
	180	0.367	-9.586	109.61	11.665	0.699	-0.184
	181	-0.759	-10.355	109.76	12.718	-0.275	-0.295
	182	-0.233	-12.403	131.18	15.361	0.279	-0.297
	183	-0.379	-21.997	138.75	27.597	-0.483	-0.211
	184	-0.570	9.462	77.460	-13.241	-0.645	-0.330
	185	0.088	-5.883	108.03	6.651	-0.077	-0.215
	186	-1.037	-6.652	108.18	7.704	-1.051	-0.326
	187	-0.511	-8.700	129.60	10.347	-0.497	-0.328
	188	-0.071	-32.063	162.31	41.197	0.373	-0.188
	189	-0.344	12.878	74.744	-17.143	0.141	-0.359
	190	0.596	-9.043	118.42	11.275	0.953	-0.194
	191	-1.011	-10.142	118.63	12.779	-0.439	-0.353
	192	-0.260	-13.067	149.23	16.555	0.352	-0.356
	193	-0.239	-29.841	161.36	38.189	-0.093	-0.207
	194	-0.511	15.100	73.798	-20.151	-0.324	-0.377
	195	0.429	-6.821	117.47	8.267	0.487	-0.212
	196	-1.178	-7.920	117.69	9.771	-0.904	-0.372
	197	-0.427	-10.845	148.29	13.547	-0.114	-0.375
	198	-0.085	-24.657	131.12	31.253	0.265	-0.155
	199	-0.276	6.801	69.825	-9.586	0.103	-0.274
	200	0.382	-8.543	100.40	10.307	0.671	-0.159
	201	-0.743	-9.313	100.55	11.360	-0.303	-0.271
	202	-0.217	-11.360	121.97	14.003	0.250	-0.272
	203	-0.364	-20.955	129.54	26.238	-0.511	-0.186
	204	-0.554	10.504	68.247	-14.600	-0.673	-0.305
	205	0.104	-4.841	98.820	5.293	-0.105	-0.190
	206	-1.022	-5.610	98.969	6.346	-1.079	-0.302
	207	-0.496	-7.658	120.39	8.989	-0.526	-0.304
	208	-0.106	-23.191	148.61	30.162	0.362	-0.227
	209	-0.296	8.268	87.321	-10.676	0.200	-0.347
	210	0.362	-7.077	117.89	9.216	0.768	-0.231
	211	-0.764	-7.846	118.04	10.270	-0.206	-0.343
	212	-0.238	-9.894	139.46	12.912	0.348	-0.345
	213	-0.056	-31.020	153.09	39.839	0.344	-0.163
	214	-0.328	13.920	65.531	-18.501	0.112	-0.334
	215	0.612	-8.000	109.21	9.917	0.924	-0.169
	216	-0.996	-9.100	109.42	11.421	-0.467	-0.328
	217	-0.244	-12.025	140.02	15.197	0.323	-0.331
	218	-0.223	-28.799	152.15	36.831	-0.121	-0.182
	219	-0.495	16.142	64.585	-21.510	-0.353	-0.352
	220	0.445	-5.779	108.26	6.908	0.459	-0.187
	221	-1.163	-6.878	108.47	8.413	-0.933	-0.347
	222	-0.411	-9.803	139.08	12.188	-0.142	-0.350
	223	-0.171	-7.160	97.029	8.858	0.190	-0.216
	224	-0.338	-4.938	96.082	5.849	-0.275	-0.234
	225	-0.065	-29.932	161.75	38.913	0.397	-0.202
	226	-0.337	15.009	74.186	-19.427	0.165	-0.372
	227	0.603	-6.912	117.86	8.991	0.977	-0.207
	228	-1.005	-8.011	118.07	10.495	-0.415	-0.367
	229	-0.253	-10.936	148.68	14.271	0.376	-0.370
	230	-0.159	-7.538	88.188	9.022	0.146	-0.182
	231	-0.438	-3.835	86.611	4.008	-0.630	-0.213
	232	-0.049	-28.889	152.54	37.555	0.369	-0.177
	233	-0.321	16.051	64.973	-20.785	0.137	-0.347

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	234	0.618	-5.869	108.65	7.633	0.949	-0.182
	235	-0.989	-6.969	108.86	9.137	-0.443	-0.342
	236	-0.238	-9.894	139.46	12.912	0.348	-0.345
	237	-0.144	-6.496	78.975	7.664	0.117	-0.157
	238	-0.422	-2.793	77.398	2.650	-0.659	-0.188
	239	-0.164	-5.029	96.471	6.574	0.215	-0.229
	240	-0.133	-2.944	78.045	3.857	0.158	-0.180
	241	-0.085	-19.222	122.93	24.837	0.276	-0.174
	242	-0.248	7.743	70.388	-10.167	0.137	-0.276
	243	0.316	-5.410	96.593	6.884	0.624	-0.177
	244	-0.649	-6.069	96.721	7.786	-0.211	-0.273
	245	-0.198	-7.824	115.08	10.052	0.264	-0.274
	246	-0.141	-18.481	122.61	23.834	0.121	-0.180
	247	-0.304	8.483	70.073	-11.170	-0.018	-0.282
	248	0.260	-4.669	96.278	5.881	0.469	-0.183
	249	-0.705	-5.329	96.405	6.783	-0.366	-0.279
	250	-0.254	-7.084	114.77	9.049	0.108	-0.280
	251	-0.089	-18.928	126.42	24.619	0.296	-0.188
	252	-0.252	8.036	73.887	-10.385	0.157	-0.290
	253	0.312	-5.116	100.09	6.666	0.644	-0.191
	254	-0.653	-5.776	100.22	7.568	-0.191	-0.287
	255	-0.202	-7.531	118.58	9.834	0.283	-0.289
	256	-0.074	-21.106	130.19	27.445	0.305	-0.178
	257	-0.265	10.353	68.895	-13.393	0.143	-0.297
	258	0.393	-4.992	99.467	6.500	0.711	-0.182
	259	-0.732	-5.761	99.616	7.553	-0.263	-0.293
	260	-0.206	-7.809	121.04	10.196	0.291	-0.295
	261	-0.135	-3.655	78.231	4.618	0.150	-0.175
	262	-0.191	-2.914	77.916	3.616	0.000	-0.181
	263	-0.139	-3.361	81.730	4.400	0.169	-0.190
	264	-0.133	-2.944	78.045	3.857	0.158	-0.180
	265	-0.083	-18.511	122.74	24.076	0.284	-0.178
	266	-0.246	8.453	70.202	-10.928	0.145	-0.280
	267	0.318	-4.699	96.407	6.122	0.632	-0.181
	268	-0.647	-5.359	96.535	7.025	-0.203	-0.277
	269	-0.196	-7.114	114.90	9.290	0.272	-0.279
	270	-0.133	-2.944	78.045	3.857	0.158	-0.180
73	1	-0.494	2.230	111.81	-3.058	-0.567	0.045
	2	-0.121	1.234	23.462	-1.482	-0.145	0.024
	3	-1.816	1.306	0.282	-0.977	-2.137	-0.035
	4	-4.703	-2.141	-0.697	1.854	-3.211	-0.041
	5	-0.403	4.113	78.207	-4.939	-0.484	0.080
	6	-0.300	11.798	40.160	-12.759	-0.132	-0.170
	7	-0.103	-7.685	38.047	7.820	-0.351	0.250
	8	-0.681	-11.024	40.966	11.086	-0.703	-0.127
	9	0.278	15.137	37.241	-16.026	0.220	0.207
	10+	31.887	4.655	8.160	9.212	116.82	1.067
	10-	-31.887	-4.655	-8.160	-9.212	-116.82	-1.067
	11+	31.772	4.428	7.997	8.817	116.62	1.050
	11-	-31.772	-4.428	-7.997	-8.817	-116.62	-1.050
	12+	2.765	7.029	19.340	14.090	3.029	0.581
	12-	-2.765	-7.029	-19.340	-14.090	-3.029	-0.581
	13+	3.173	4.041	10.811	7.189	4.314	0.803
	13-	-3.173	-4.041	-10.811	-7.189	-4.314	-0.803
	14	-0.494	2.230	111.81	-3.058	-0.567	0.045
	15	-0.667	3.010	150.94	-4.129	-0.766	0.061
	16	-0.675	4.080	147.00	-5.281	-0.785	0.081
	17	-0.848	4.861	186.13	-6.351	-0.983	0.097
	18	-3.218	4.188	112.23	-4.523	-3.773	0.000
	19	-3.390	4.969	151.36	-5.594	-3.972	0.000
	20	-3.308	5.114	129.83	-5.635	-3.882	0.011
	21	-2.310	5.256	147.25	-6.160	-2.708	0.050
	22	-3.481	5.894	168.96	-6.705	-4.080	0.027
	23	-2.482	6.036	186.39	-7.230	-2.907	0.065
	24	-7.549	-0.982	110.76	-0.277	-5.383	-0.016
	25	-7.722	-0.201	149.89	-1.347	-5.581	0.000
	26	-7.639	-0.056	128.36	-1.388	-5.492	0.000
	27	-4.908	2.154	146.37	-3.612	-3.674	0.044
	28	-7.812	0.724	167.49	-2.459	-5.690	0.017
	29	-5.081	2.934	185.51	-4.683	-3.873	0.060
	30	-1.099	8.399	229.12	-10.467	-1.293	0.165
	31	-1.272	9.179	268.25	-11.538	-1.491	0.181
	32	-1.189	9.324	246.71	-11.579	-1.401	0.183
	33	-1.099	8.399	229.12	-10.467	-1.293	0.165
	34	-1.362	10.104	285.85	-12.649	-1.600	0.199
	35	-1.272	9.179	268.25	-11.538	-1.491	0.181
	36	-2.733	9.574	229.37	-11.346	-3.216	0.134
	37	-3.641	8.507	194.35	-9.710	-4.281	0.077
	38	-2.906	10.354	268.50	-12.417	-3.415	0.150
	39	-3.814	9.287	233.48	-10.780	-4.479	0.093
	40	-2.824	10.499	246.97	-12.458	-3.325	0.152
	41	-3.732	9.432	211.94	-10.821	-4.390	0.095
	42	-2.733	9.574	229.37	-11.346	-3.216	0.134
	43	-2.997	11.280	286.10	-13.528	-3.523	0.168

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	44	-3.905	10.213	251.08	-11.891	-4.588	0.111
	45	-2.906	10.354	268.50	-12.417	-3.415	0.150
	46	-5.332	6.472	228.49	-8.799	-4.182	0.128
	47	-7.972	3.337	192.88	-5.463	-5.891	0.068
	48	-5.504	7.252	267.62	-9.869	-4.380	0.144
	49	-8.145	4.117	232.01	-6.534	-6.089	0.084
	50	-5.422	7.397	246.09	-9.910	-4.291	0.146
	51	-8.063	4.262	210.48	-6.575	-6.000	0.086
	52	-5.332	6.472	228.49	-8.799	-4.182	0.128
	53	-5.595	8.178	285.22	-10.980	-4.489	0.162
	54	-8.236	5.043	249.61	-7.645	-6.198	0.102
	55	-5.504	7.252	267.62	-9.869	-4.380	0.144
	56	-0.944	19.926	172.05	-22.197	-0.765	-0.210
	57	-1.117	20.706	211.18	-23.268	-0.964	-0.194
	58	-1.035	20.851	189.64	-23.309	-0.874	-0.192
	59	-0.991	16.468	189.17	-18.678	-0.924	-0.097
	60	-1.208	21.632	228.78	-24.379	-1.073	-0.176
	61	-1.164	17.248	228.30	-19.749	-1.122	-0.082
	62	-2.579	21.101	172.30	-23.076	-2.689	-0.241
	63	-3.533	16.576	154.40	-17.921	-3.912	-0.185
	64	-2.752	21.882	211.43	-24.147	-2.888	-0.225
	65	-3.706	17.356	193.53	-18.991	-4.110	-0.170
	66	-2.669	22.027	189.90	-24.188	-2.798	-0.223
	67	-3.624	17.501	172.00	-19.032	-4.021	-0.167
	68	-2.625	17.643	189.42	-19.557	-2.847	-0.128
	69	-2.842	22.807	229.03	-25.258	-2.996	-0.207
	70	-3.797	18.282	211.13	-20.102	-4.219	-0.152
	71	-2.798	18.423	228.56	-20.628	-3.046	-0.113
	72	-5.177	17.999	171.42	-20.529	-3.655	-0.246
	73	-7.864	11.406	152.93	-13.674	-5.522	-0.194
	74	-5.350	18.780	210.55	-21.599	-3.853	-0.231
	75	-8.037	12.186	192.06	-14.745	-5.720	-0.179
	76	-5.268	18.925	189.02	-21.640	-3.764	-0.228
	77	-7.955	12.331	170.53	-14.786	-5.631	-0.176
	78	-5.224	14.541	188.54	-17.010	-3.813	-0.134
	79	-5.441	19.705	228.15	-22.710	-3.962	-0.213
	80	-8.128	13.112	209.66	-15.856	-5.829	-0.161
	81	-5.396	15.321	227.67	-18.080	-4.012	-0.118
	82	-0.648	-9.298	168.88	8.672	-1.094	0.420
	83	-0.821	-8.517	208.01	7.602	-1.293	0.435
	84	-0.739	-8.372	186.47	7.561	-1.203	0.438
	85	-0.783	-3.989	186.95	2.930	-1.154	0.343
	86	-0.912	-7.592	225.61	6.490	-1.401	0.453
	87	-0.956	-3.208	226.08	1.860	-1.352	0.359
	88	-2.282	-8.122	169.13	7.793	-3.018	0.388
	89	-3.326	-3.881	152.18	3.688	-4.142	0.255
	90	-2.455	-7.342	208.26	6.723	-3.216	0.404
	91	-3.498	-3.100	191.31	2.618	-4.341	0.271
	92	-2.373	-7.197	186.73	6.682	-3.127	0.406
	93	-3.416	-2.955	169.78	2.577	-4.251	0.273
	94	-2.418	-2.813	187.20	2.051	-3.077	0.312
	95	-2.546	-6.417	225.86	5.611	-3.325	0.422
	96	-3.589	-2.175	208.91	1.506	-4.449	0.289
	97	-2.590	-2.033	226.34	0.981	-3.276	0.328
	98	-4.881	-11.224	168.25	10.341	-3.984	0.383
	99	-7.657	-9.051	150.71	7.934	-5.752	0.246
	100	-5.054	-10.444	207.38	9.270	-4.182	0.399
	101	-7.830	-8.270	189.84	6.864	-5.950	0.262
	102	-4.972	-10.299	185.85	9.229	-4.092	0.401
	103	-7.747	-8.125	168.31	6.823	-5.861	0.264
	104	-5.016	-5.915	186.32	4.599	-4.043	0.307
	105	-5.145	-9.519	224.98	8.159	-4.291	0.417
	106	-7.920	-7.345	207.44	5.752	-6.059	0.280
	107	-5.189	-5.135	225.45	3.528	-4.242	0.322
	108	-1.516	-14.306	173.26	13.571	-1.622	-0.146
	109	-1.689	-13.526	212.39	12.501	-1.821	-0.130
	110	-1.607	-13.381	190.85	12.460	-1.731	-0.128
	111	-1.391	-7.495	190.01	6.360	-1.523	-0.053
	112	-1.780	-12.600	229.99	11.390	-1.929	-0.112
	113	-1.564	-6.714	229.15	5.289	-1.722	-0.037
	114	-3.150	-13.131	173.51	12.692	-3.546	-0.177
	115	-3.933	-7.387	155.25	7.118	-4.512	-0.141
	116	-3.323	-12.351	212.64	11.622	-3.744	-0.161
	117	-4.106	-6.606	194.38	6.047	-4.710	-0.125
	118	-3.241	-12.206	191.11	11.581	-3.655	-0.159
	119	-4.024	-6.461	172.84	6.006	-4.621	-0.123
	120	-3.025	-6.319	190.27	5.481	-3.447	-0.084
	121	-3.414	-11.425	230.24	10.511	-3.853	-0.143
	122	-4.197	-5.681	211.97	4.936	-4.819	-0.107
	123	-3.198	-5.539	229.40	4.410	-3.645	-0.068
	124	-5.749	-16.233	172.63	15.240	-4.512	-0.182
	125	-8.264	-12.557	153.78	11.364	-6.121	-0.150
	126	-5.922	-15.453	211.76	14.170	-4.710	-0.167
	127	-8.437	-11.776	192.91	10.293	-6.320	-0.134

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	128	-5.840	-15.308	190.23	14.129	-4.621	-0.164
	129	-8.355	-11.631	171.37	10.252	-6.230	-0.132
	130	-5.624	-9.421	189.39	8.028	-4.413	-0.089
	131	-6.013	-14.527	229.36	13.058	-4.819	-0.149
	132	-8.528	-10.851	210.50	9.182	-6.429	-0.116
	133	-5.797	-8.641	228.52	6.958	-4.611	-0.074
	134	-0.077	24.935	167.67	-27.097	-0.237	0.356
	135	-0.249	25.715	206.80	-28.167	-0.436	0.371
	136	-0.167	25.860	185.27	-28.208	-0.346	0.374
	137	-0.383	19.974	186.10	-22.108	-0.554	0.299
	138	-0.340	26.640	224.40	-29.279	-0.545	0.389
	139	-0.556	20.754	225.24	-23.178	-0.752	0.314
	140	-1.711	26.110	167.92	-27.976	-2.161	0.325
	141	-2.925	20.082	151.33	-21.350	-3.542	0.210
	142	-1.884	26.890	207.06	-29.046	-2.359	0.340
	143	-3.098	20.862	190.47	-22.421	-3.741	0.226
	144	-1.801	27.035	185.52	-29.087	-2.270	0.343
	145	-3.016	21.007	168.93	-22.462	-3.651	0.228
	146	-2.017	21.149	186.36	-22.987	-2.478	0.267
	147	-1.974	27.816	224.65	-30.158	-2.468	0.358
	148	-3.189	21.788	208.06	-23.532	-3.850	0.244
	149	-2.190	21.929	225.49	-24.057	-2.676	0.283
	150	-4.309	23.008	167.04	-25.428	-3.127	0.319
	151	-7.257	14.912	149.86	-17.104	-5.152	0.201
	152	-4.482	23.788	206.17	-26.499	-3.325	0.335
	153	-7.429	15.692	189.00	-18.174	-5.351	0.217
	154	-4.400	23.933	184.64	-26.540	-3.236	0.337
	155	-7.347	15.837	167.46	-18.215	-5.261	0.219
	156	-4.616	18.047	185.48	-20.439	-3.443	0.262
	157	-4.573	24.714	223.77	-27.610	-3.434	0.353
	158	-7.520	16.618	206.59	-19.286	-5.459	0.235
	159	-4.789	18.827	224.61	-21.510	-3.642	0.278
	160+	31.980	11.461	172.69	7.417	116.87	1.335
	160-	-33.452	-2.067	144.77	-19.461	-118.58	-1.149
	161+	11.595	13.123	180.52	10.832	37.217	0.995
	161-	-13.067	-3.728	136.94	-22.876	-38.931	-0.809
	162+	31.988	10.337	169.97	4.951	117.05	1.384
	162-	-33.460	-0.943	147.49	-16.995	-118.77	-1.198
	163+	11.969	10.066	171.94	3.812	38.442	1.211
	163-	-13.441	-0.672	145.52	-15.856	-40.156	-1.025
	164+	12.003	10.135	171.99	3.931	38.501	1.216
	164-	-13.475	-0.740	145.47	-15.975	-40.216	-1.030
	165+	32.103	10.565	170.13	5.347	117.25	1.401
	165-	-33.574	-1.170	147.33	-17.391	-118.97	-1.215
	166+	31.865	11.234	172.53	7.022	116.67	1.317
	166-	-33.337	-1.839	144.93	-19.066	-118.38	-1.131
	167+	11.561	13.055	180.47	10.713	37.158	0.989
	167-	-13.033	-3.660	136.99	-22.757	-38.872	-0.803
	168	-3.242	12.775	160.92	-14.646	-2.485	0.190
	169	-3.914	-5.538	163.53	4.333	-3.131	-0.045
	170	-3.509	-3.200	161.48	2.046	-2.884	0.219
	171	-3.647	10.437	162.96	-12.359	-2.731	-0.074
	172	-3.719	5.058	189.60	-6.885	-2.977	0.101
	173	-1.510	14.843	161.51	-16.344	-1.841	0.193
	174	-2.181	-3.470	164.11	2.634	-2.487	-0.041
	175	-1.776	-1.132	162.07	0.348	-2.241	0.223
	176	-1.915	12.505	163.55	-14.058	-2.087	-0.071
	177	-1.987	7.126	190.18	-8.584	-2.333	0.104
	178	-5.063	11.301	148.91	-13.163	-3.696	0.161
	179	-5.735	-7.011	151.52	5.815	-4.343	-0.073
	180	-5.330	-4.674	149.47	3.529	-4.096	0.191
	181	-5.468	8.964	150.95	-10.877	-3.943	-0.103
	182	-5.540	3.585	177.59	-5.403	-4.189	0.072
	183	-2.175	14.748	149.89	-15.994	-2.623	0.167
	184	-2.847	-3.564	152.50	2.985	-3.269	-0.067
	185	-2.442	-1.227	150.45	0.698	-3.023	0.197
	186	-2.580	12.411	151.93	-13.707	-2.870	-0.097
	187	-2.652	7.031	178.57	-8.233	-3.116	0.078
	188	-3.098	16.699	160.36	-18.712	-2.346	0.240
	189	-4.058	-9.462	164.09	8.400	-3.269	-0.095
	190	-3.479	-6.123	161.17	5.133	-2.917	0.282
	191	-3.677	13.360	163.28	-15.446	-2.698	-0.137
	192	-3.780	5.675	201.33	-7.626	-3.050	0.113
	193	-1.366	18.767	160.95	-20.411	-1.702	0.243
	194	-2.325	-7.394	164.67	6.701	-2.625	-0.091
	195	-1.747	-4.055	161.75	3.435	-2.273	0.286
	196	-1.944	15.428	163.87	-17.145	-2.054	-0.134
	197	-2.047	7.743	201.91	-9.325	-2.406	0.116
	198	-5.002	10.684	137.18	-12.422	-3.624	0.149
	199	-5.674	-7.628	139.79	6.556	-4.270	-0.085
	200	-5.269	-5.291	137.74	4.270	-4.024	0.179
	201	-5.407	8.347	139.22	-10.136	-3.870	-0.115
	202	-5.479	2.968	165.85	-4.662	-4.116	0.060
	203	-2.115	14.131	138.16	-15.253	-2.551	0.155

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	204	-2.787	-4.181	140.77	3.726	-3.197	-0.079
	205	-2.382	-1.844	138.72	1.439	-2.950	0.185
	206	-2.520	11.794	140.20	-12.966	-2.797	-0.109
	207	-2.592	6.414	166.83	-7.492	-3.043	0.066
	208	-0.420	14.059	161.34	-15.758	-0.558	0.214
	209	-1.092	-4.253	163.95	3.220	-1.205	-0.020
	210	-0.687	-1.916	161.90	0.934	-0.958	0.244
	211	-0.825	11.722	163.38	-13.472	-0.805	-0.050
	212	-0.897	6.342	190.01	-7.998	-1.051	0.125
	213	-3.038	16.082	148.63	-17.972	-2.274	0.228
	214	-3.997	-10.079	152.35	9.141	-3.197	-0.107
	215	-3.419	-6.740	149.44	5.874	-2.845	0.270
	216	-3.616	12.743	151.55	-14.705	-2.626	-0.149
	217	-3.719	5.058	189.60	-6.885	-2.977	0.101
	218	-1.305	18.150	149.22	-19.670	-1.630	0.231
	219	-2.265	-8.011	152.94	7.442	-2.553	-0.103
	220	-1.686	-4.672	150.02	4.176	-2.201	0.274
	221	-1.884	14.811	152.14	-16.404	-1.982	-0.146
	222	-1.987	7.126	190.18	-8.584	-2.333	0.104
	223	-3.437	2.179	134.85	-3.428	-2.638	0.044
	224	-1.704	4.247	135.44	-5.126	-1.995	0.048
	225	-0.276	17.983	160.78	-19.825	-0.420	0.264
	226	-1.236	-8.177	164.50	7.287	-1.343	-0.070
	227	-0.657	-4.838	161.59	4.021	-0.991	0.307
	228	-0.855	14.644	163.70	-16.559	-0.772	-0.113
	229	-0.958	6.959	201.75	-8.739	-1.123	0.137
	230	-5.258	0.706	122.84	-1.945	-3.850	0.016
	231	-2.370	4.152	123.82	-4.776	-2.777	0.022
	232	-0.216	17.366	149.05	-19.084	-0.347	0.252
	233	-1.175	-8.794	152.77	8.028	-1.270	-0.082
	234	-0.597	-5.455	149.85	4.762	-0.918	0.295
	235	-0.794	14.027	151.97	-15.818	-0.699	-0.125
	236	-0.897	6.342	190.01	-7.998	-1.051	0.125
	237	-5.197	0.089	111.11	-1.204	-3.778	0.000
	238	-2.310	3.536	112.09	-4.035	-2.704	0.010
	239	-0.615	3.463	135.27	-4.540	-0.712	0.069
	240	-0.494	2.230	111.81	-3.058	-0.567	0.045
	241	-1.268	10.883	134.01	-12.303	-1.077	0.161
	242	-1.843	-4.813	136.25	3.964	-1.631	-0.040
	243	-1.496	-2.809	134.50	2.005	-1.420	0.187
	244	-1.615	8.880	135.76	-10.343	-1.289	-0.065
	245	-1.676	4.269	158.59	-5.651	-1.499	0.085
	246	-0.690	11.573	134.21	-12.869	-0.863	0.162
	247	-1.266	-4.124	136.44	3.398	-1.417	-0.038
	248	-0.919	-2.120	134.69	1.439	-1.205	0.188
	249	-1.037	9.569	135.96	-10.909	-1.074	-0.064
	250	-1.099	4.958	158.79	-6.217	-1.285	0.086
	251	-0.351	11.558	138.84	-12.970	-0.464	0.174
	252	-0.927	-4.138	141.08	3.297	-1.018	-0.027
	253	-0.580	-2.134	139.33	1.337	-0.807	0.200
	254	-0.698	9.555	140.60	-11.010	-0.675	-0.052
	255	-0.760	4.944	163.42	-6.318	-0.886	0.098
	256	-0.299	12.825	137.88	-14.276	-0.413	0.190
	257	-0.971	-5.487	140.48	4.702	-1.059	-0.044
	258	-0.566	-3.150	138.44	2.416	-0.813	0.220
	259	-0.704	10.488	139.92	-11.990	-0.660	-0.074
	260	-0.776	5.109	166.55	-6.516	-0.906	0.101
	261	-1.435	1.801	111.67	-2.687	-1.209	0.037
	262	-0.857	2.491	111.86	-3.254	-0.995	0.038
	263	-0.518	2.476	116.50	-3.355	-0.596	0.050
	264	-0.494	2.230	111.81	-3.058	-0.567	0.045
	265	-0.327	11.312	134.15	-12.674	-0.435	0.169
	266	-0.903	-4.385	136.39	3.594	-0.989	-0.031
	267	-0.556	-2.381	134.64	1.634	-0.778	0.195
	268	-0.674	9.308	135.90	-10.714	-0.646	-0.057
	269	-0.736	4.697	158.73	-6.022	-0.857	0.093
	270	-0.494	2.230	111.81	-3.058	-0.567	0.045
76	1	-0.913	-5.306	79.617	6.694	-0.027	0.127
	2	-0.323	-2.677	18.790	3.409	-0.016	0.062
	3	-0.346	0.011	-0.644	-1.017	-0.828	-0.032
	4	-0.050	-3.149	0.723	3.292	-0.093	0.035
	5	-1.078	-8.922	62.633	11.365	-0.052	0.207
	6	-0.577	-6.927	33.070	9.004	-0.429	-0.241
	7	-0.502	-1.995	29.563	2.360	0.376	0.448
	8	0.050	16.003	-10.739	-20.811	0.081	-0.235
	9	-1.128	-24.925	73.372	32.176	-0.133	0.442
	10+	32.422	8.368	2.269	11.495	102.84	1.434
	10-	-32.422	-8.368	-2.269	-11.495	-102.84	-1.434
	11+	32.467	7.999	2.187	10.993	102.99	1.386
	11-	-32.467	-7.999	-2.187	-10.993	-102.99	-1.386
	12+	5.919	63.922	19.165	82.875	1.999	1.526
	12-	-5.919	-63.922	-19.165	-82.875	-1.999	-1.526
	13+	4.454	48.845	15.620	63.169	0.980	2.077
	13-	-4.454	-48.845	-15.620	-63.169	-0.980	-2.077

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	14	-0.913	-5.306	79.617	6.694	-0.027	0.127
	15	-1.232	-7.163	107.48	9.036	-0.037	0.172
	16	-1.398	-9.321	107.80	11.808	-0.051	0.220
	17	-1.717	-11.178	135.67	14.151	-0.061	0.265
	18	-1.432	-5.289	78.651	5.168	-1.270	0.079
	19	-1.752	-7.146	106.52	7.510	-1.279	0.123
	20	-1.675	-7.297	92.744	7.725	-1.282	0.125
	21	-1.710	-9.311	107.22	10.892	-0.796	0.191
	22	-1.994	-9.154	120.61	10.067	-1.291	0.170
	23	-2.029	-11.168	135.09	13.235	-0.806	0.236
	24	-0.988	-10.030	80.702	11.632	-0.166	0.179
	25	-1.308	-11.887	108.57	13.975	-0.176	0.224
	26	-1.231	-12.037	94.794	14.189	-0.178	0.226
	27	-1.443	-12.155	108.45	14.771	-0.134	0.252
	28	-1.550	-13.894	122.66	16.532	-0.188	0.270
	29	-1.763	-14.012	136.32	17.114	-0.144	0.296
	30	-2.530	-18.689	173.57	23.741	-0.106	0.438
	31	-2.849	-20.547	201.43	26.083	-0.116	0.482
	32	-2.773	-20.697	187.66	26.298	-0.118	0.484
	33	-2.530	-18.689	173.57	23.741	-0.106	0.438
	34	-3.092	-22.554	215.52	28.641	-0.127	0.529
	35	-2.849	-20.547	201.43	26.083	-0.116	0.482
	36	-2.842	-18.680	172.99	22.825	-0.852	0.409
	37	-2.564	-14.658	144.42	17.100	-1.325	0.296
	38	-3.161	-20.537	200.85	25.168	-0.861	0.453
	39	-2.884	-16.515	172.28	19.443	-1.335	0.341
	40	-3.084	-20.687	187.08	25.382	-0.863	0.455
	41	-2.807	-16.665	158.51	19.658	-1.337	0.343
	42	-2.842	-18.680	172.99	22.825	-0.852	0.409
	43	-3.404	-22.544	214.95	27.725	-0.873	0.500
	44	-3.126	-18.522	186.37	22.000	-1.346	0.387
	45	-3.161	-20.537	200.85	25.168	-0.861	0.453
	46	-2.575	-21.524	174.22	26.704	-0.189	0.469
	47	-2.120	-19.398	146.47	23.565	-0.221	0.397
	48	-2.895	-23.381	202.08	29.047	-0.199	0.513
	49	-2.440	-21.255	174.33	25.908	-0.231	0.441
	50	-2.818	-23.531	188.31	29.261	-0.201	0.516
	51	-2.363	-21.406	160.56	26.122	-0.233	0.443
	52	-2.575	-21.524	174.22	26.704	-0.189	0.469
	53	-3.137	-25.388	216.18	31.604	-0.211	0.560
	54	-2.682	-23.263	188.42	28.465	-0.243	0.488
	55	-2.895	-23.381	202.08	29.047	-0.199	0.513
	56	-1.778	-15.697	129.22	20.200	-0.670	-0.235
	57	-2.097	-17.554	157.09	22.543	-0.680	-0.190
	58	-2.020	-17.704	143.31	22.757	-0.682	-0.188
	59	-2.003	-16.595	142.53	21.262	-0.501	-0.033
	60	-2.340	-19.561	171.18	25.100	-0.692	-0.144
	61	-2.323	-18.452	170.39	23.605	-0.510	0.011
	62	-2.089	-15.687	128.64	19.284	-1.416	-0.264
	63	-2.038	-12.563	113.37	14.622	-1.720	-0.175
	64	-2.409	-17.544	156.51	21.627	-1.425	-0.219
	65	-2.357	-14.420	141.24	16.965	-1.729	-0.130
	66	-2.332	-17.694	142.73	21.841	-1.427	-0.217
	67	-2.280	-14.570	127.47	17.179	-1.732	-0.128
	68	-2.315	-16.585	141.95	20.347	-1.246	-0.062
	69	-2.651	-19.551	170.60	24.184	-1.437	-0.173
	70	-2.600	-16.428	155.33	19.522	-1.741	-0.084
	71	-2.635	-18.442	169.81	22.689	-1.256	-0.018
	72	-1.823	-18.531	129.87	23.163	-0.753	-0.203
	73	-1.594	-17.303	115.42	21.087	-0.616	-0.074
	74	-2.142	-20.388	157.74	25.506	-0.763	-0.159
	75	-1.913	-19.160	143.29	23.429	-0.626	-0.029
	76	-2.066	-20.538	143.96	25.720	-0.765	-0.157
	77	-1.836	-19.311	129.52	23.644	-0.628	-0.027
	78	-2.049	-19.429	143.18	24.225	-0.584	0.000
	79	-2.385	-22.395	171.83	28.063	-0.775	-0.112
	80	-2.156	-21.168	157.38	25.986	-0.637	0.017
	81	-2.368	-21.286	171.04	26.568	-0.594	0.043
	82	-1.665	-8.299	123.96	10.234	0.537	0.799
	83	-1.984	-10.156	151.83	12.577	0.527	0.844
	84	-1.907	-10.306	138.05	12.791	0.525	0.846
	85	-1.924	-11.416	138.84	14.286	0.344	0.691
	86	-2.227	-12.163	165.92	15.134	0.515	0.890
	87	-2.244	-13.273	166.71	16.629	0.334	0.735
	88	-1.977	-8.289	123.38	9.319	-0.209	0.770
	89	-1.959	-7.384	109.69	7.646	-0.875	0.549
	90	-2.296	-10.146	151.25	11.661	-0.218	0.815
	91	-2.278	-9.241	137.56	9.989	-0.885	0.594
	92	-2.219	-10.296	137.47	11.876	-0.221	0.817
	93	-2.201	-9.392	123.79	10.203	-0.887	0.596
	94	-2.236	-11.406	138.26	13.371	-0.402	0.662
	95	-2.539	-12.153	165.34	14.218	-0.230	0.861
	96	-2.521	-11.249	151.65	12.546	-0.896	0.640
	97	-2.556	-13.263	166.13	15.713	-0.411	0.706

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	98	-1.710	-11.133	124.61	13.197	0.453	0.831
	99	-1.515	-12.125	111.74	14.111	0.229	0.650
	100	-2.030	-12.990	152.48	15.540	0.444	0.875
	101	-1.834	-13.982	139.61	16.453	0.219	0.695
	102	-1.953	-13.140	138.71	15.754	0.442	0.877
	103	-1.757	-14.132	125.84	16.668	0.217	0.697
	104	-1.970	-14.250	139.49	17.249	0.261	0.722
	105	-2.272	-14.997	166.57	18.097	0.432	0.922
	106	-2.077	-15.989	153.70	19.010	0.207	0.741
	107	-2.289	-16.107	167.36	19.592	0.251	0.767
	108	-0.838	18.698	63.508	-24.523	0.094	-0.226
	109	-1.157	16.841	91.374	-22.181	0.084	-0.182
	110	-1.080	16.691	77.601	-21.966	0.082	-0.179
	111	-1.345	7.482	96.526	-10.044	0.034	-0.027
	112	-1.400	14.834	105.47	-19.624	0.072	-0.135
	113	-1.665	5.625	124.39	-7.701	0.024	0.018
	114	-1.149	18.708	62.929	-25.439	-0.652	-0.255
	115	-1.380	11.514	67.375	-16.684	-1.185	-0.168
	116	-1.469	16.851	90.795	-23.096	-0.661	-0.211
	117	-1.699	9.656	95.241	-14.342	-1.195	-0.124
	118	-1.392	16.701	77.021	-22.882	-0.664	-0.208
	119	-1.622	9.506	81.468	-14.127	-1.197	-0.122
	120	-1.657	7.492	95.946	-10.960	-0.712	-0.056
	121	-1.711	14.844	104.89	-20.539	-0.673	-0.164
	122	-1.942	7.649	109.33	-11.785	-1.206	-0.077
	123	-1.976	5.635	123.81	-8.617	-0.721	-0.011
	124	-0.883	15.864	64.159	-21.560	0.010	-0.195
	125	-0.936	6.773	69.425	-10.220	-0.081	-0.068
	126	-1.202	14.007	92.025	-19.218	0.000	-0.150
	127	-1.255	4.916	97.291	-7.877	-0.091	-0.023
	128	-1.126	13.857	78.251	-19.003	0.000	-0.148
	129	-1.178	4.766	83.518	-7.663	-0.093	-0.021
	130	-1.391	4.648	97.176	-7.081	-0.049	0.000
	131	-1.445	11.999	106.12	-16.660	-0.011	-0.103
	132	-1.498	2.909	111.38	-5.320	-0.103	0.023
	133	-1.710	2.791	125.04	-4.738	-0.059	0.049
	134	-2.605	-42.694	189.68	54.958	-0.227	0.791
	135	-2.924	-44.551	217.54	57.301	-0.237	0.835
	136	-2.848	-44.701	203.77	57.515	-0.239	0.837
	137	-2.582	-35.492	184.84	45.593	-0.191	0.685
	138	-3.167	-46.558	231.63	59.858	-0.248	0.882
	139	-2.902	-37.349	212.71	47.935	-0.200	0.729
	140	-2.917	-42.684	189.10	54.042	-0.973	0.762
	141	-2.617	-31.461	155.69	38.952	-1.410	0.543
	142	-3.236	-44.541	216.96	56.385	-0.982	0.806
	143	-2.936	-33.318	183.56	41.295	-1.419	0.588
	144	-3.159	-44.691	203.19	56.599	-0.984	0.808
	145	-2.860	-33.468	169.78	41.509	-1.421	0.590
	146	-2.894	-35.482	184.26	44.677	-0.936	0.656
	147	-3.479	-46.548	231.05	58.942	-0.994	0.853
	148	-3.179	-35.325	197.65	43.852	-1.431	0.634
	149	-3.214	-37.340	212.13	47.020	-0.946	0.700
	150	-2.650	-45.528	190.33	57.921	-0.310	0.822
	151	-2.173	-36.201	157.74	45.417	-0.306	0.644
	152	-2.970	-47.385	218.19	60.264	-0.320	0.866
	153	-2.492	-38.058	185.61	47.760	-0.316	0.688
	154	-2.893	-47.535	204.42	60.478	-0.322	0.869
	155	-2.416	-38.208	171.83	47.974	-0.318	0.690
	156	-2.628	-38.327	185.49	48.556	-0.274	0.716
	157	-3.212	-49.392	232.28	62.821	-0.332	0.913
	158	-2.735	-40.066	199.70	50.317	-0.327	0.735
	159	-2.947	-40.184	213.36	50.898	-0.284	0.761
	160+	32.638	16.885	125.22	49.870	103.38	2.142
	160-	-35.757	-38.204	109.18	-22.845	-103.50	-1.640
	161+	14.086	55.773	137.04	99.836	32.793	2.207
	161-	-17.205	-77.092	97.351	-72.811	-32.911	-1.705
	162+	32.243	11.993	124.07	43.457	103.22	2.260
	162-	-35.362	-33.311	110.32	-16.432	-103.34	-1.758
	163+	12.634	40.585	133.47	79.979	31.818	2.744
	163-	-15.753	-61.903	100.92	-52.954	-31.936	-2.242
	164+	12.621	40.696	133.50	80.130	31.774	2.759
	164-	-15.740	-62.014	100.90	-53.105	-31.892	-2.256
	165+	32.199	12.362	124.15	43.958	103.08	2.308
	165-	-35.318	-33.681	110.24	-16.933	-103.20	-1.806
	166+	32.683	16.516	125.13	49.369	103.53	2.095
	166-	-35.802	-37.835	109.26	-22.344	-103.65	-1.592
	167+	14.099	55.663	137.02	99.686	32.838	2.193
	167-	-17.218	-76.981	97.376	-72.661	-32.955	-1.690
	168	-2.056	-27.320	150.20	34.602	-0.192	0.520
	169	-1.231	1.330	91.323	-2.490	-0.042	0.045
	170	-1.617	-11.269	119.54	13.731	0.165	0.524
	171	-1.670	-14.721	121.99	18.381	-0.399	0.041
	172	-2.021	-16.118	142.68	20.034	-0.135	0.355
	173	-2.234	-25.424	149.38	32.016	-0.633	0.479

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	174	-1.409	3.226	90.503	-5.075	-0.484	0.000
	175	-1.795	-9.373	118.71	11.145	-0.277	0.484
	176	-1.848	-12.825	121.17	15.796	-0.840	0.000
	177	-2.199	-14.222	141.86	17.448	-0.577	0.315
	178	-1.915	-27.241	141.10	34.214	-0.221	0.503
	179	-1.090	1.409	82.218	-2.877	-0.071	0.028
	180	-1.476	-11.190	110.43	13.343	0.136	0.507
	181	-1.528	-14.642	112.88	17.994	-0.428	0.024
	182	-1.880	-16.039	133.58	19.646	-0.164	0.338
	183	-2.211	-24.081	139.73	29.904	-0.957	0.436
	184	-1.386	4.569	80.851	-7.187	-0.807	-0.039
	185	-1.772	-8.030	109.06	9.033	-0.600	0.440
	186	-1.824	-11.482	111.52	13.684	-1.164	-0.043
	187	-2.176	-12.879	132.21	15.336	-0.900	0.271
	188	-2.233	-33.459	162.82	42.550	-0.224	0.621
	189	-1.055	7.469	78.707	-10.438	-0.010	-0.056
	190	-1.606	-10.529	119.01	12.734	0.285	0.627
	191	-1.681	-15.461	122.52	19.378	-0.519	-0.062
	192	-2.183	-17.456	152.08	21.738	-0.143	0.386
	193	-2.410	-31.563	162.00	39.964	-0.665	0.581
	194	-1.232	9.365	77.886	-13.023	-0.452	-0.097
	195	-1.784	-8.633	118.19	10.148	-0.156	0.587
	196	-1.859	-13.565	121.70	16.792	-0.961	-0.102
	197	-2.360	-15.560	151.26	19.153	-0.585	0.346
	198	-1.753	-25.903	131.70	32.509	-0.213	0.472
	199	-0.928	2.747	72.823	-4.582	-0.063	0.000
	200	-1.314	-9.852	101.03	11.638	0.143	0.476
	201	-1.367	-13.304	103.49	16.289	-0.420	0.000
	202	-1.718	-14.701	124.18	17.941	-0.157	0.307
	203	-2.049	-22.743	130.33	28.200	-0.949	0.404
	204	-1.224	5.907	71.456	-8.892	-0.799	-0.070
	205	-1.610	-6.692	99.668	7.329	-0.592	0.409
	206	-1.663	-10.144	102.12	11.979	-1.156	-0.074
	207	-2.014	-11.541	122.82	13.632	-0.892	0.240
	208	-2.026	-25.430	149.77	32.626	-0.136	0.499
	209	-1.201	3.219	90.889	-4.465	0.013	0.024
	210	-1.587	-9.379	119.10	11.755	0.220	0.503
	211	-1.640	-12.832	121.56	16.406	-0.343	0.020
	212	-1.991	-14.228	142.25	18.058	-0.080	0.334
	213	-2.071	-32.121	153.42	40.845	-0.216	0.590
	214	-0.893	8.807	69.312	-12.142	0.000	-0.087
	215	-1.444	-9.191	109.61	11.029	0.293	0.596
	216	-1.520	-14.123	113.12	17.673	-0.511	-0.093
	217	-2.021	-16.118	142.68	20.034	-0.135	0.355
	218	-2.249	-30.224	152.60	38.259	-0.658	0.550
	219	-1.070	10.703	68.492	-14.728	-0.444	-0.128
	220	-1.622	-7.294	108.79	8.444	-0.148	0.556
	221	-1.697	-12.226	112.30	15.087	-0.953	-0.133
	222	-2.199	-14.222	141.86	17.448	-0.577	0.315
	223	-1.266	-9.872	98.841	12.078	-0.099	0.210
	224	-1.444	-7.976	98.021	9.493	-0.540	0.170
	225	-2.203	-31.569	162.38	40.574	-0.168	0.600
	226	-1.024	9.359	78.273	-12.413	0.045	-0.077
	227	-1.576	-8.639	118.58	10.759	0.341	0.606
	228	-1.651	-13.571	122.08	17.403	-0.464	-0.083
	229	-2.153	-15.567	151.64	19.763	-0.088	0.365
	230	-1.125	-9.793	89.735	11.691	-0.128	0.193
	231	-1.421	-6.633	88.368	7.381	-0.864	0.126
	232	-2.041	-30.231	152.99	38.870	-0.161	0.569
	233	-0.863	10.697	68.878	-14.118	0.053	-0.108
	234	-1.414	-7.301	109.18	9.054	0.349	0.575
	235	-1.489	-12.233	112.69	15.698	-0.456	-0.114
	236	-1.991	-14.228	142.25	18.058	-0.080	0.334
	237	-0.963	-8.455	80.340	9.986	-0.120	0.162
	238	-1.259	-5.295	78.973	5.676	-0.856	0.095
	239	-1.236	-7.983	98.407	10.103	-0.043	0.189
	240	-0.913	-5.306	79.617	6.694	-0.027	0.127
	241	-1.600	-20.891	123.79	26.658	-0.126	0.399
	242	-0.893	3.666	73.318	-5.135	0.000	0.000
	243	-1.224	-7.133	97.500	8.768	0.180	0.403
	244	-1.269	-10.092	99.604	12.755	-0.303	-0.011
	245	-1.570	-11.289	117.34	14.171	-0.077	0.258
	246	-1.659	-20.259	123.51	25.796	-0.273	0.386
	247	-0.952	4.298	73.045	-5.997	-0.145	-0.021
	248	-1.283	-6.501	97.226	7.906	0.033	0.390
	249	-1.328	-9.460	99.330	11.893	-0.450	-0.024
	250	-1.629	-10.657	117.07	13.309	-0.224	0.245
	251	-1.654	-20.796	127.40	26.681	-0.110	0.405
	252	-0.947	3.760	76.932	-5.111	0.018	0.000
	253	-1.278	-7.038	101.11	8.792	0.195	0.408
	254	-1.323	-9.998	103.22	12.778	-0.288	0.000
	255	-1.624	-11.195	120.95	14.194	-0.062	0.264
	256	-1.702	-22.754	130.98	29.217	-0.121	0.437
	257	-0.878	5.896	72.100	-7.874	0.029	-0.038

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	258	-1.264	-6.703	100.31	8.346	0.236	0.441
	259	-1.316	-10.155	102.77	12.997	-0.327	-0.042
	260	-1.667	-11.552	123.46	14.649	-0.064	0.272
	261	-0.923	-5.936	79.762	7.352	-0.046	0.134
	262	-0.982	-5.304	79.488	6.490	-0.193	0.121
	263	-0.977	-5.841	83.375	7.376	-0.030	0.139
	264	-0.913	-5.306	79.617	6.694	-0.027	0.127
	265	-1.590	-20.261	123.64	25.999	-0.107	0.392
	266	-0.883	4.296	73.174	-5.793	0.021	-0.014
	267	-1.213	-6.503	97.355	8.110	0.198	0.396
	268	-1.259	-9.462	99.459	12.096	-0.284	-0.018
	269	-1.560	-10.659	117.20	13.512	-0.059	0.251
	270	-0.913	-5.306	79.617	6.694	-0.027	0.127
88	1	-1.164	0.997	45.458	-1.144	-0.097	0.451
	2	-0.432	-0.280	8.990	0.421	-0.046	0.170
	3	-0.885	-0.076	-0.282	-0.423	-0.971	-0.057
	4	-1.582	-2.381	0.697	2.703	-0.526	0.033
	5	-1.440	-0.932	29.967	1.405	-0.154	0.567
	6	-0.252	-9.824	35.561	12.698	-0.294	-0.194
	7	-1.188	8.892	-5.595	-11.293	0.140	0.761
	8	0.309	13.303	-8.514	-17.362	0.160	-0.178
	9	-1.749	-14.235	38.481	18.767	-0.314	0.745
	10+	39.189	31.775	7.868	40.197	105.09	2.627
	10-	-39.189	-31.775	-7.868	-40.197	-105.09	-2.627
	11+	39.180	30.691	7.704	38.821	105.22	2.564
	11-	-39.180	-30.691	-7.704	-38.821	-105.22	-2.564
	12+	5.749	50.587	15.953	66.238	1.810	1.717
	12-	-5.749	-50.587	-15.953	-66.238	-1.810	-1.717
	13+	2.904	24.022	7.695	32.248	1.673	2.149
	13-	-2.904	-24.022	-7.695	-32.248	-1.673	-2.149
	14	-1.164	0.997	45.458	-1.144	-0.097	0.451
	15	-1.572	1.345	61.368	-1.545	-0.131	0.609
	16	-1.812	0.577	58.943	-0.512	-0.166	0.706
	17	-2.219	0.926	74.853	-0.912	-0.200	0.864
	18	-2.492	0.882	45.035	-1.778	-1.553	0.365
	19	-2.899	1.231	60.945	-2.179	-1.587	0.523
	20	-2.816	0.673	51.777	-1.462	-1.588	0.493
	21	-2.609	0.508	58.689	-0.893	-1.040	0.655
	22	-3.223	1.021	67.687	-1.863	-1.622	0.651
	23	-3.016	0.857	74.599	-1.293	-1.074	0.813
	24	-3.538	-2.575	46.504	2.911	-0.886	0.500
	25	-3.945	-2.226	62.414	2.510	-0.920	0.658
	26	-3.862	-2.785	53.247	3.227	-0.921	0.628
	27	-3.236	-1.566	59.571	1.921	-0.640	0.736
	28	-4.269	-2.436	69.157	2.826	-0.955	0.785
	29	-3.644	-1.217	75.481	1.520	-0.673	0.894
	30	-3.324	-0.402	90.408	0.963	-0.327	1.302
	31	-3.731	-0.053	106.32	0.563	-0.361	1.460
	32	-3.647	-0.612	97.151	1.279	-0.362	1.430
	33	-3.324	-0.402	90.408	0.963	-0.327	1.302
	34	-4.055	-0.263	113.06	0.879	-0.396	1.587
	35	-3.731	-0.053	106.32	0.563	-0.361	1.460
	36	-4.120	-0.471	90.154	0.583	-1.201	1.251
	37	-4.004	-0.097	76.500	-0.303	-1.715	0.961
	38	-4.528	-0.122	106.06	0.182	-1.235	1.408
	39	-4.411	0.252	92.410	-0.704	-1.749	1.119
	40	-4.444	-0.680	96.897	0.899	-1.236	1.378
	41	-4.327	-0.306	83.242	0.013	-1.749	1.089
	42	-4.120	-0.471	90.154	0.583	-1.201	1.251
	43	-4.852	-0.331	112.81	0.498	-1.270	1.536
	44	-4.735	0.042	99.152	-0.388	-1.783	1.246
	45	-4.528	-0.122	106.06	0.182	-1.235	1.408
	46	-4.748	-2.545	91.036	3.396	-0.801	1.331
	47	-5.049	-3.554	77.969	4.386	-1.048	1.096
	48	-5.155	-2.196	106.95	2.996	-0.835	1.489
	49	-5.457	-3.205	93.880	3.985	-1.082	1.253
	50	-5.072	-2.755	97.778	3.712	-0.836	1.459
	51	-5.373	-3.764	84.712	4.702	-1.082	1.223
	52	-4.748	-2.545	91.036	3.396	-0.801	1.331
	53	-5.479	-2.406	113.69	3.312	-0.869	1.617
	54	-5.781	-3.415	100.62	4.301	-1.116	1.381
	55	-5.155	-2.196	106.95	2.996	-0.835	1.489
	56	-1.542	-13.740	98.800	17.903	-0.537	0.161
	57	-1.949	-13.391	114.71	17.503	-0.571	0.318
	58	-1.866	-13.950	105.54	18.219	-0.572	0.288
	59	-2.076	-9.738	96.283	12.821	-0.474	0.503
	60	-2.273	-13.601	121.45	17.819	-0.605	0.446
	61	-2.484	-9.390	112.19	12.421	-0.508	0.661
	62	-2.338	-13.808	98.546	17.523	-1.411	0.109
	63	-2.756	-9.433	82.374	11.555	-1.862	0.162
	64	-2.746	-13.460	114.46	17.122	-1.445	0.267
	65	-3.164	-9.084	98.284	11.154	-1.896	0.320
	66	-2.662	-14.018	105.29	17.839	-1.446	0.237
	67	-3.080	-9.643	89.117	11.871	-1.896	0.290

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	68	-2.873	-9.807	96.028	12.441	-1.348	0.452
	69	-3.070	-13.669	121.20	17.438	-1.479	0.395
	70	-3.488	-9.294	105.03	11.470	-1.930	0.447
	71	-3.280	-9.458	111.94	12.040	-1.382	0.609
	72	-2.966	-15.883	99.428	20.336	-1.011	0.190
	73	-3.802	-12.891	83.844	16.244	-1.195	0.297
	74	-3.373	-15.534	115.34	19.936	-1.045	0.348
	75	-4.209	-12.542	99.754	15.843	-1.228	0.454
	76	-3.290	-16.093	106.17	20.652	-1.045	0.317
	77	-4.126	-13.101	90.586	16.560	-1.229	0.424
	78	-3.500	-11.882	96.910	15.254	-0.948	0.532
	79	-3.697	-15.744	122.08	20.252	-1.079	0.475
	80	-4.533	-12.752	106.50	16.160	-1.263	0.582
	81	-3.908	-11.533	112.82	14.854	-0.982	0.690
	82	-2.946	14.334	37.066	-18.084	0.113	1.593
	83	-3.353	14.683	52.976	-18.485	0.079	1.750
	84	-3.270	14.125	43.809	-17.768	0.079	1.720
	85	-3.059	9.914	53.069	-12.370	-0.019	1.505
	86	-3.677	14.473	59.719	-18.169	0.045	1.878
	87	-3.467	10.262	68.979	-12.771	-0.053	1.663
	88	-3.743	14.266	36.812	-18.465	-0.761	1.541
	89	-3.739	10.219	39.160	-13.637	-1.407	1.164
	90	-4.150	14.615	52.722	-18.865	-0.795	1.699
	91	-4.147	10.568	55.070	-14.037	-1.440	1.322
	92	-4.067	14.056	43.554	-18.149	-0.796	1.669
	93	-4.063	10.009	45.903	-13.320	-1.441	1.292
	94	-3.856	9.845	52.815	-12.751	-0.893	1.454
	95	-4.474	14.405	59.465	-18.549	-0.829	1.827
	96	-4.471	10.358	61.813	-13.721	-1.475	1.450
	97	-4.263	10.194	68.725	-13.151	-0.927	1.612
	98	-4.370	12.191	37.694	-15.651	-0.361	1.622
	99	-4.785	6.761	40.630	-8.947	-0.740	1.299
	100	-4.778	12.540	53.604	-16.052	-0.395	1.780
	101	-5.193	7.110	56.540	-9.348	-0.773	1.457
	102	-4.694	11.982	44.436	-15.335	-0.395	1.750
	103	-5.109	6.551	47.372	-8.631	-0.774	1.427
	104	-4.483	7.770	53.696	-9.937	-0.493	1.535
	105	-5.102	12.330	60.347	-15.736	-0.429	1.907
	106	-5.516	6.900	63.283	-9.032	-0.808	1.584
	107	-4.891	8.119	69.607	-10.338	-0.527	1.693
	108	-0.700	20.951	32.687	-27.188	0.144	0.185
	109	-1.108	21.300	48.598	-27.588	0.110	0.342
	110	-1.024	20.741	39.430	-26.872	0.109	0.312
	111	-1.487	14.545	50.004	-18.742	0.000	0.520
	112	-1.432	21.090	55.340	-27.272	0.076	0.470
	113	-1.895	14.894	65.914	-19.143	-0.031	0.678
	114	-1.497	20.882	32.433	-27.568	-0.730	0.133
	115	-2.167	14.850	36.095	-20.009	-1.385	0.179
	116	-1.905	21.231	48.344	-27.969	-0.764	0.291
	117	-2.575	15.199	52.005	-20.409	-1.419	0.337
	118	-1.821	20.673	39.176	-27.252	-0.765	0.261
	119	-2.491	14.641	42.838	-19.693	-1.420	0.306
	120	-2.284	14.477	49.750	-19.123	-0.871	0.468
	121	-2.228	21.021	55.086	-27.653	-0.798	0.419
	122	-2.899	14.989	58.748	-20.093	-1.453	0.464
	123	-2.691	14.825	65.660	-19.524	-0.905	0.626
	124	-2.125	18.808	33.315	-24.755	-0.330	0.214
	125	-3.213	11.393	37.565	-15.320	-0.718	0.313
	126	-2.532	19.157	49.225	-25.155	-0.364	0.372
	127	-3.621	11.742	53.475	-15.720	-0.752	0.471
	128	-2.449	18.598	40.058	-24.439	-0.364	0.342
	129	-3.537	11.183	44.307	-15.004	-0.752	0.441
	130	-2.912	12.402	50.631	-16.310	-0.471	0.549
	131	-2.856	18.947	55.968	-24.839	-0.398	0.499
	132	-3.945	11.532	60.217	-15.404	-0.786	0.599
	133	-3.319	12.751	66.542	-16.710	-0.505	0.707
	134	-3.787	-20.356	103.18	27.007	-0.568	1.568
	135	-4.195	-20.008	119.09	26.606	-0.602	1.726
	136	-4.111	-20.566	109.92	27.323	-0.602	1.696
	137	-3.648	-14.370	99.348	19.194	-0.496	1.489
	138	-4.519	-20.217	125.83	26.922	-0.636	1.854
	139	-4.056	-14.021	115.26	18.793	-0.529	1.646
	140	-4.584	-20.425	102.92	26.626	-1.442	1.517
	141	-4.328	-14.065	85.439	17.927	-1.883	1.148
	142	-4.991	-20.076	118.84	26.226	-1.476	1.675
	143	-4.736	-13.716	101.35	17.527	-1.917	1.305
	144	-4.908	-20.635	109.67	26.942	-1.477	1.645
	145	-4.652	-14.275	92.182	18.243	-1.918	1.275
	146	-4.445	-14.439	99.094	18.813	-1.370	1.437
	147	-5.315	-20.286	125.58	26.542	-1.510	1.803
	148	-5.059	-13.926	108.09	17.843	-1.952	1.433
	149	-4.852	-14.090	115.00	18.413	-1.404	1.595
	150	-5.211	-22.499	103.81	29.440	-1.042	1.598
	151	-5.374	-17.522	86.909	22.616	-1.216	1.282

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	152	-5.619	-22.151	119.72	29.039	-1.076	1.756
	153	-5.781	-17.173	102.82	22.216	-1.250	1.440
	154	-5.535	-22.709	110.55	29.756	-1.076	1.725
	155	-5.698	-17.732	93.651	22.932	-1.251	1.410
	156	-5.072	-16.513	99.975	21.627	-0.969	1.518
	157	-5.943	-22.360	126.46	29.355	-1.110	1.883
	158	-6.105	-17.383	109.56	22.532	-1.285	1.568
	159	-5.480	-16.164	115.89	21.226	-1.003	1.676
	160+	38.886	47.388	76.092	59.767	105.45	3.934
	160-	-42.942	-46.513	50.785	-60.370	-105.82	-2.351
	161+	15.478	60.556	81.751	77.996	33.149	3.297
	161-	-19.533	-59.682	45.125	-78.598	-33.526	-1.714
	162+	38.024	38.335	73.450	48.194	105.54	4.000
	162-	-42.079	-37.461	53.426	-48.797	-105.91	-2.417
	163+	12.630	33.667	73.444	43.593	33.051	3.709
	163-	-16.686	-32.793	53.432	-44.195	-33.429	-2.127
	164+	12.633	33.992	73.493	44.005	33.011	3.728
	164-	-16.689	-33.118	53.383	-44.608	-33.389	-2.146
	165+	38.033	39.418	73.614	49.570	105.40	4.063
	165-	-42.088	-38.544	53.262	-50.172	-105.78	-2.480
	166+	38.877	46.305	75.928	58.391	105.58	3.871
	166-	-42.933	-45.430	50.949	-58.994	-105.96	-2.288
	167+	15.475	60.231	81.702	77.583	33.188	3.278
	167-	-19.531	-59.357	45.174	-78.186	-33.566	-1.695
	168	-3.770	-10.677	81.803	14.036	-0.679	1.162
	169	-2.329	8.600	48.907	-11.254	-0.346	0.516
	170	-3.377	5.512	50.950	-7.006	-0.361	1.173
	171	-2.722	-7.589	79.760	9.788	-0.664	0.505
	172	-3.553	-1.364	75.843	1.883	-0.566	1.038
	173	-3.351	-9.294	81.215	12.161	-0.945	1.108
	174	-1.911	9.983	48.319	-13.130	-0.613	0.463
	175	-2.959	6.896	50.362	-8.882	-0.628	1.120
	176	-2.303	-6.206	79.172	7.912	-0.931	0.451
	177	-3.135	0.019	75.255	0.000	-0.833	0.984
	178	-4.187	-11.489	77.587	14.907	-0.866	1.090
	179	-2.746	7.788	44.691	-10.384	-0.534	0.444
	180	-3.794	4.700	46.734	-6.136	-0.548	1.101
	181	-3.139	-8.401	75.543	10.659	-0.852	0.433
	182	-3.970	-2.177	71.627	2.753	-0.754	0.966
	183	-3.489	-9.184	76.607	11.781	-1.311	1.000
	184	-2.049	10.093	43.711	-13.510	-0.979	0.355
	185	-3.097	7.005	45.754	-9.262	-0.993	1.012
	186	-2.441	-6.096	74.564	7.532	-1.296	0.343
	187	-3.273	0.128	70.647	-0.373	-1.198	0.876
	188	-4.078	-14.807	88.852	19.456	-0.750	1.301
	189	-2.020	12.731	41.858	-16.674	-0.275	0.378
	190	-3.517	8.320	44.777	-10.605	-0.296	1.317
	191	-2.581	-10.396	85.933	13.387	-0.729	0.362
	192	-3.769	-1.504	80.338	2.093	-0.589	1.123
	193	-3.660	-13.424	88.264	17.580	-1.017	1.247
	194	-1.602	14.114	41.270	-18.550	-0.542	0.324
	195	-3.099	9.703	44.189	-12.481	-0.563	1.263
	196	-2.163	-9.013	85.345	11.511	-0.996	0.308
	197	-3.351	-0.121	79.750	0.218	-0.856	1.069
	198	-3.971	-11.349	73.092	14.696	-0.843	1.005
	199	-2.530	7.927	40.196	-10.595	-0.511	0.359
	200	-3.578	4.840	42.239	-6.346	-0.525	1.016
	201	-2.923	-8.262	71.048	10.448	-0.829	0.348
	202	-3.754	-2.037	67.132	2.542	-0.731	0.881
	203	-3.273	-9.044	72.112	11.570	-1.288	0.915
	204	-1.833	10.232	39.216	-13.721	-0.956	0.270
	205	-2.881	7.145	41.259	-9.472	-0.970	0.927
	206	-2.225	-5.957	70.069	7.322	-1.273	0.258
	207	-3.057	0.268	66.152	-0.584	-1.175	0.791
	208	-2.820	-9.248	81.385	12.414	-0.363	1.143
	209	-1.380	10.029	48.488	-12.876	-0.030	0.497
	210	-2.428	6.941	50.532	-8.628	-0.045	1.154
	211	-1.772	-6.160	79.341	8.166	-0.348	0.486
	212	-2.604	0.064	75.425	0.261	-0.250	1.018
	213	-3.862	-14.667	84.357	19.245	-0.727	1.216
	214	-1.804	12.871	37.363	-16.885	-0.252	0.293
	215	-3.302	8.460	40.282	-10.816	-0.273	1.232
	216	-2.365	-10.256	81.438	13.176	-0.706	0.277
	217	-3.553	-1.364	75.843	1.883	-0.566	1.038
	218	-3.444	-13.284	83.769	17.369	-0.994	1.162
	219	-1.386	14.254	36.775	-18.760	-0.519	0.239
	220	-2.883	9.843	39.694	-12.691	-0.540	1.178
	221	-1.947	-8.873	80.850	11.300	-0.973	0.223
	222	-3.135	0.019	75.255	0.000	-0.833	0.984
	223	-2.545	-0.712	54.867	0.899	-0.459	0.641
	224	-2.127	0.671	54.279	-0.976	-0.725	0.587
	225	-3.129	-13.379	88.434	17.834	-0.434	1.281
	226	-1.071	14.160	41.439	-18.296	0.041	0.359
	227	-2.568	9.749	44.358	-12.227	0.020	1.297

Vplivi v točkovnih podporah - Obtežba: 1-270

Oznaka	LC	R1 [kN]	R2 [kN]	R3 [kN]	M1 [kNm]	M2 [kNm]	M3 [kNm]
	228	-1.632	-8.968	85.515	11.765	-0.413	0.342
	229	-2.820	-0.076	79.920	0.471	-0.273	1.103
	230	-2.962	-1.524	50.650	1.770	-0.646	0.569
	231	-2.265	0.781	49.671	-1.356	-1.091	0.479
	232	-2.913	-13.239	83.939	17.623	-0.411	1.196
	233	-0.855	14.300	36.944	-18.507	0.064	0.273
	234	-2.352	9.889	39.863	-12.438	0.043	1.212
	235	-1.416	-8.828	81.020	11.554	-0.390	0.257
	236	-2.604	0.064	75.425	0.261	-0.250	1.018
	237	-2.747	-1.385	46.155	1.559	-0.623	0.484
	238	-2.049	0.920	45.176	-1.567	-1.068	0.394
	239	-1.596	0.717	54.448	-0.723	-0.143	0.621
	240	-1.164	0.997	45.458	-1.144	-0.097	0.451
	241	-2.530	-8.021	68.686	10.657	-0.390	0.905
	242	-1.295	8.502	40.489	-11.021	-0.106	0.351
	243	-2.193	5.856	42.241	-7.380	-0.118	0.914
	244	-1.632	-5.374	66.934	7.015	-0.378	0.341
	245	-2.344	-0.039	63.578	0.239	-0.294	0.798
	246	-2.390	-7.560	68.490	10.032	-0.479	0.887
	247	-1.156	8.963	40.293	-11.646	-0.195	0.333
	248	-2.054	6.317	42.045	-8.005	-0.207	0.896
	249	-1.492	-4.913	66.738	6.390	-0.467	0.323
	250	-2.205	0.422	63.382	-0.386	-0.383	0.780
	251	-2.300	-7.601	70.344	10.200	-0.294	0.932
	252	-1.065	8.922	42.148	-11.477	0.000	0.379
	253	-1.963	6.276	43.899	-7.836	-0.022	0.942
	254	-1.401	-4.954	68.593	6.559	-0.282	0.369
	255	-2.114	0.381	65.236	-0.217	-0.198	0.825
	256	-2.388	-8.968	72.394	11.993	-0.317	0.973
	257	-0.948	10.309	39.498	-13.298	0.016	0.327
	258	-1.996	7.221	41.542	-9.050	0.000	0.984
	259	-1.340	-5.880	70.351	7.745	-0.302	0.315
	260	-2.172	0.344	66.435	-0.161	-0.204	0.848
	261	-1.481	0.520	45.598	-0.604	-0.202	0.458
	262	-1.341	0.981	45.402	-1.229	-0.291	0.440
	263	-1.250	0.941	47.256	-1.060	-0.106	0.485
	264	-1.164	0.997	45.458	-1.144	-0.097	0.451
	265	-2.213	-7.545	68.546	10.116	-0.285	0.898
	266	-0.979	8.978	40.350	-11.562	0.000	0.344
	267	-1.877	6.332	42.101	-7.920	-0.013	0.908
	268	-1.315	-4.898	66.795	6.475	-0.273	0.335
	269	-2.028	0.437	63.438	-0.301	-0.189	0.791
	270	-1.164	0.997	45.458	-1.144	-0.097	0.451

Deformacije vozlišč: max. |Zp|

Vozlišče	LC	Xp [mm]	Yp [mm]	Zp [mm]
41	131	0.000	-3.870	**-8.728**
41	112	0.000	-3.896	**-8.713**
41	121	0.086	-3.903	**-8.697**
28	131	-0.014	-3.823	**-8.684**

Vozlišče	LC	Xp [mm]	Yp [mm]	Zp [mm]
54	131	0.014	-3.823	**-8.684**
28	112	-0.014	-3.847	**-8.668**
54	112	0.014	-3.847	**-8.668**
54	121	0.100	-3.853	**-8.652**

Vozlišče	LC	Xp [mm]	Yp [mm]	Zp [mm]
28	121	0.071	-3.853	**-8.650**
41	126	0.000	-3.771	**-8.442**

Deformacije vozlišč: max. |Xp|

Vozlišče	LC	Xp [mm]	Yp [mm]	Zp [mm]
80	165+	**21.288**	0.360	-1.118
2	160-	**-21.288**	-1.725	-2.214
67	165+	**21.288**	-0.299	-2.075
15	160-	**-21.287**	-1.763	-3.592

Vozlišče	LC	Xp [mm]	Yp [mm]	Zp [mm]
15	165-	**-21.286**	-1.878	-3.636
67	160+	**21.286**	-0.184	-2.031
2	165-	**-21.286**	-1.942	-2.314
80	160+	**21.286**	0.577	-1.018

Vozlišče	LC	Xp [mm]	Yp [mm]	Zp [mm]
54	165+	**21.283**	-0.425	-1.987
28	160-	**-21.283**	-1.813	-3.909

Deformacije vozlišč: max. |Yp|

Vozlišče	LC	Xp [mm]	Yp [mm]	Zp [mm]
41	121	0.086	**-3.903**	-8.697
41	112	0.000	**-3.896**	-8.713
41	131	0.000	**-3.870**	-8.728
54	121	0.100	**-3.853**	-8.652

Vozlišče	LC	Xp [mm]	Yp [mm]	Zp [mm]
28	121	0.071	**-3.853**	-8.650
28	112	-0.014	**-3.847**	-8.668
54	112	0.014	**-3.847**	-8.668
28	131	-0.014	**-3.823**	-8.684

Vozlišče	LC	Xp [mm]	Yp [mm]	Zp [mm]
54	131	0.014	**-3.823**	-8.684
41	116	0.086	**-3.803**	-8.411

Dimenzioniranje (beton)

Merodajna obtežba - EC2 (EN 1992-1-1:2004)
SHEMA KOMBINIRANJA ZA ZGRADBE

Obtežni primeri
I Lastna + stalna obtežba (g) - <Stalna>(dolgotrajno)
II Sneg - <Sneg - <= 1000 m>(kratkotrajno)
III Veter X smer - <Veter>(kratkotrajno)
IV Veter Y smer - <Veter>(kratkotrajno)
V Tribuna ktg C5_ po celem - <Koristna - C, D>(kratkotrajno)
VI Tribuna ktg C5_ šah1 - <Koristna - C, D>(kratkotrajno)
VII Tribuna ktg C5_ šah2 - <Koristna - C, D>(kratkotrajno)
VIII Tribuna ktg C5_ šah3 - <Koristna - C, D>(kratkotrajno)
IX Tribuna ktg C5_ šah4 - <Koristna - C, D>(kratkotrajno)
X Potres X smer (+e) - <Nedefinirana obtežba>
XI Potres X smer (-e) - <Nedefinirana obtežba>
XII Potres Y smer (+e) - <Nedefinirana obtežba>
XIII Potres Y smer (-e) - <Nedefinirana obtežba>

Ne kombiniraj z
III -> IV
IV -> III
V -> VI, VII, VIII, IX
VI -> V, VII, VIII, IX
VII -> V, VI, VIII, IX
VIII -> V, VI, VII, IX
IX -> V, VI, VII, VIII

Materialni koeficienti varnosti
[SP] Stalne in prehodne kombinacije: $\gamma C = 1.50$, $\gamma S = 1.15$
[SE] Seizmične kombinacije: $\gamma C = 1.50$, $\gamma S = 1.15$
[IN] Nezgodne kombinacije: $\gamma C = 1.20$, $\gamma S = 1.00$

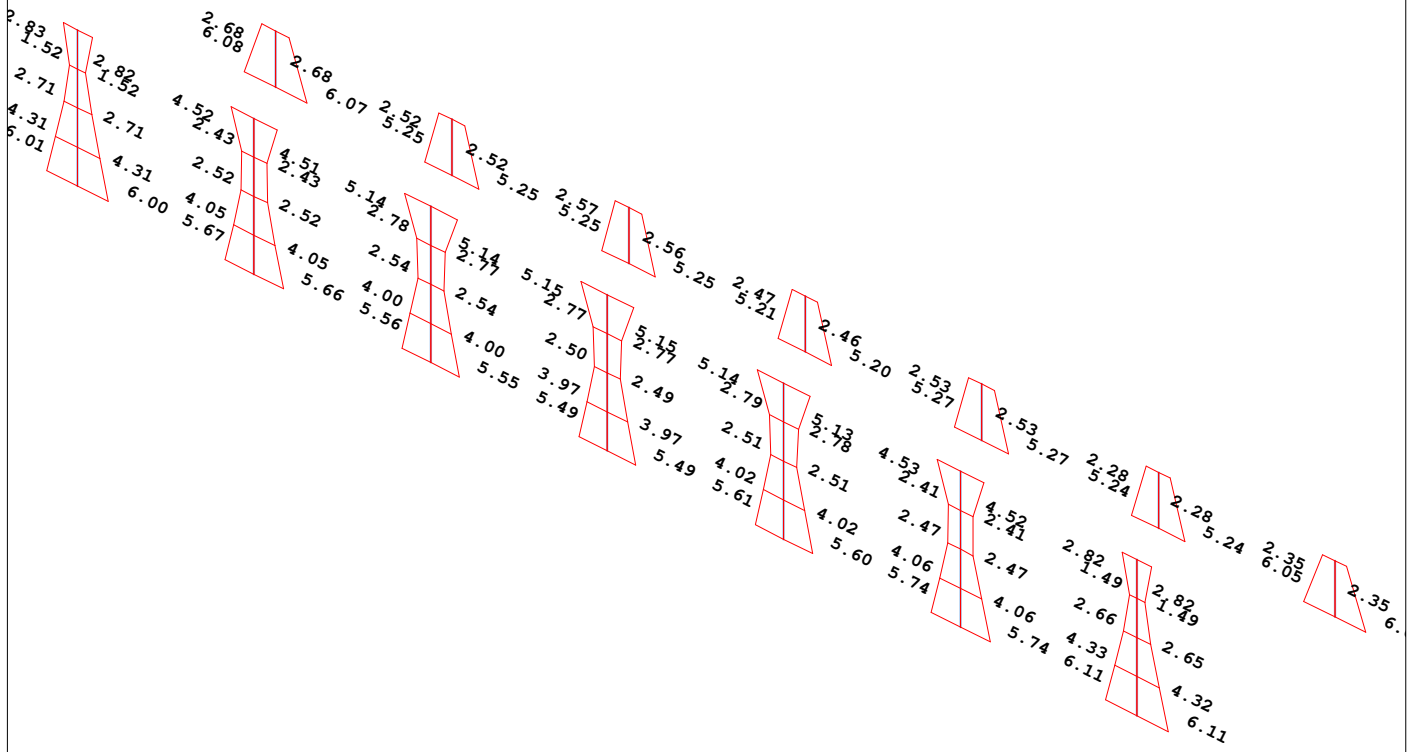
Kombinacije obtežb iz sheme kombinacij
001. [SP]1.35×I+1.50×II+1.50×0.60×IV+1.50×0.70×IX
002. [SP]1.35×I+1.50×II+1.50×0.60×IV+1.50×0.70×VIII
003. [SP]1.35×I+1.50×II+1.50×0.60×IV+1.50×0.70×VII
004. [SP]1.35×I+1.50×II+1.50×0.60×IV+1.50×0.70×VI
005. [SP]1.35×I+1.50×II+1.50×0.60×IV+1.50×0.70×V
006. [SP]1.35×I+1.50×II+1.50×0.60×III+1.50×0.70×IX
007. [SP]1.35×I+1.50×II+1.50×0.60×III+1.50×0.70×VIII
008. [SP]1.35×I+1.50×II+1.50×0.60×III+1.50×0.70×VII
009. [SP]1.35×I+1.50×II+1.50×0.60×III+1.50×0.70×VI
010. [SP]1.35×I+1.50×II+1.50×0.60×III+1.50×0.70×V
011. [SP]1.35×I+1.50×0.50×II+1.50×IV+1.50×0.70×IX
012. [SP]1.35×I+1.50×0.50×II+1.50×IV+1.50×0.70×VIII
013. [SP]1.35×I+1.50×0.50×II+1.50×IV+1.50×0.70×VII
014. [SP]1.35×I+1.50×0.50×II+1.50×IV+1.50×0.70×VI
015. [SP]1.35×I+1.50×0.50×II+1.50×IV+1.50×0.70×V
016. [SP]1.35×I+1.50×0.50×II+1.50×III+1.50×0.70×IX
017. [SP]1.35×I+1.50×0.50×II+1.50×III+1.50×0.70×VIII
018. [SP]1.35×I+1.50×0.50×II+1.50×III+1.50×0.70×VII
019. [SP]1.35×I+1.50×0.50×II+1.50×III+1.50×0.70×VI
020. [SP]1.35×I+1.50×0.50×II+1.50×III+1.50×0.70×V
021. [SP]1.35×I+1.50×0.50×II+1.50×0.60×IV+1.50×IX
022. [SP]1.35×I+1.50×0.50×II+1.50×0.60×IV+1.50×VIII
023. [SP]1.35×I+1.50×0.50×II+1.50×0.60×IV+1.50×VII
024. [SP]1.35×I+1.50×0.50×II+1.50×0.60×IV+1.50×VI
025. [SP]1.35×I+1.50×0.50×II+1.50×0.60×IV+1.50×V
026. [SP]1.35×I+1.50×0.50×II+1.50×0.60×III+1.50×IX
027. [SP]1.35×I+1.50×0.50×II+1.50×0.60×III+1.50×VIII
028. [SP]1.35×I+1.50×0.50×II+1.50×0.60×III+1.50×VII
029. [SP]1.35×I+1.50×0.50×II+1.50×0.60×III+1.50×VI
030. [SP]1.35×I+1.50×0.50×II+1.50×0.60×III+1.50×V
031. [SP]I+1.50×II+1.50×0.60×IV+1.50×0.70×IX
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033. [SP]I+1.50×II+1.50×0.60×IV+1.50×0.70×VII
034. [SP]I+1.50×II+1.50×0.60×IV+1.50×0.70×VI
035. [SP]I+1.50×II+1.50×0.60×IV+1.50×0.70×V
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038. [SP]I+1.50×II+1.50×0.60×III+1.50×0.70×VII
039. [SP]I+1.50×II+1.50×0.60×III+1.50×0.70×VI
040. [SP]I+1.50×II+1.50×0.60×III+1.50×0.70×V
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042. [SP]I+1.50×0.50×II+1.50×IV+1.50×0.70×VIII
043. [SP]I+1.50×0.50×II+1.50×IV+1.50×0.70×VII
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045. [SP]I+1.50×0.50×II+1.50×IV+1.50×0.70×V
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047. [SP]I+1.50×0.50×II+1.50×III+1.50×0.70×VIII
048. [SP]I+1.50×0.50×II+1.50×III+1.50×0.70×VII
049. [SP]I+1.50×0.50×II+1.50×III+1.50×0.70×VI
050. [SP]I+1.50×0.50×II+1.50×III+1.50×0.70×V
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065. [SP]1.35×I+1.50×IV+1.50×0.70×V
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067. [SP]1.35×I+1.50×III+1.50×0.70×VIII
068. [SP]1.35×I+1.50×III+1.50×0.70×VII
069. [SP]1.35×I+1.50×III+1.50×0.70×VI
070. [SP]1.35×I+1.50×III+1.50×0.70×V
071. [SP]1.35×I+1.50×II+1.50×0.70×IX
072. [SP]1.35×I+1.50×II+1.50×0.70×VIII
073. [SP]1.35×I+1.50×II+1.50×0.70×VII
074. [SP]1.35×I+1.50×II+1.50×0.70×VI
075. [SP]1.35×I+1.50×II+1.50×0.70×V
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077. [SP]1.35×I+1.50×0.60×IV+1.50×VIII
078. [SP]1.35×I+1.50×0.60×IV+1.50×VII
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080. [SP]1.35×I+1.50×0.60×IV+1.50×V
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094. [SP]1.35×I+1.50×0.50×II+1.50×III
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135. [SP]1.35×I+1.50×III

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139. [SP]I+1.50×VII
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141. [SP]I+1.50×V
142. [SP]I+1.50×IV
143. [SP]I+1.50×III
144. [SP]I+1.50×II
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Uporabniško določene kombinacije obtežb
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003. [SP] I+1.50×II
004. [SP] 1.35×I+1.50×II
005. [SP] I+1.50×III
006. [SP] 1.35×I+1.50×III
007. [SP] I+0.75×II+1.50×III
008. [SP] I+1.50×II+0.90×III
009. [SP] 1.35×I+0.75×II+1.50×III
010. [SP] 1.35×I+1.50×II+0.90×III
011. [SP] I+1.50×IV
012. [SP] 1.35×I+1.50×IV
013. [SP] I+0.75×II+1.50×IV
014. [SP] I+1.50×II+0.90×IV
015. [SP] 1.35×I+0.75×II+1.50×IV
016. [SP] 1.35×I+1.50×II+0.90×IV
017. [SP] I+1.50×V
018. [SP] 1.35×I+1.50×V
019. [SP] I+0.75×II+1.50×V
020. [SP] I+1.50×II+1.05×V
021. [SP] 1.35×I+0.75×II+1.50×V
022. [SP] 1.35×I+1.50×II+1.05×V
023. [SP] I+0.90×III+1.50×V
024. [SP] I+1.50×III+1.05×V
025. [SP] 1.35×I+0.90×III+1.50×V
026. [SP] 1.35×I+1.50×III+1.05×V
027. [SP] I+0.75×II+0.90×III+1.50×V
028. [SP] I+0.75×II+1.50×III+1.05×V
029. [SP] I+1.50×II+0.90×III+1.05×V
030. [SP] 1.35×I+0.75×II+0.90×III+1.50×V
031. [SP] 1.35×I+0.75×II+1.50×III+1.05×V
032. [SP] 1.35×I+1.50×II+0.90×III+1.05×V
033. [SP] I+0.90×IV+1.50×V
034. [SP] I+1.50×IV+1.05×V
035. [SP] 1.35×I+0.90×IV+1.50×V
036. [SP] 1.35×I+1.50×IV+1.05×V
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044. [SP] 1.35×I+1.50×VI
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122. [SP] 1.35×I+1.50×IX
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126. [SP] 1.35×I+1.50×II+1.05×IX
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158. [SP] I+II+0.60×IV+0.70×VI

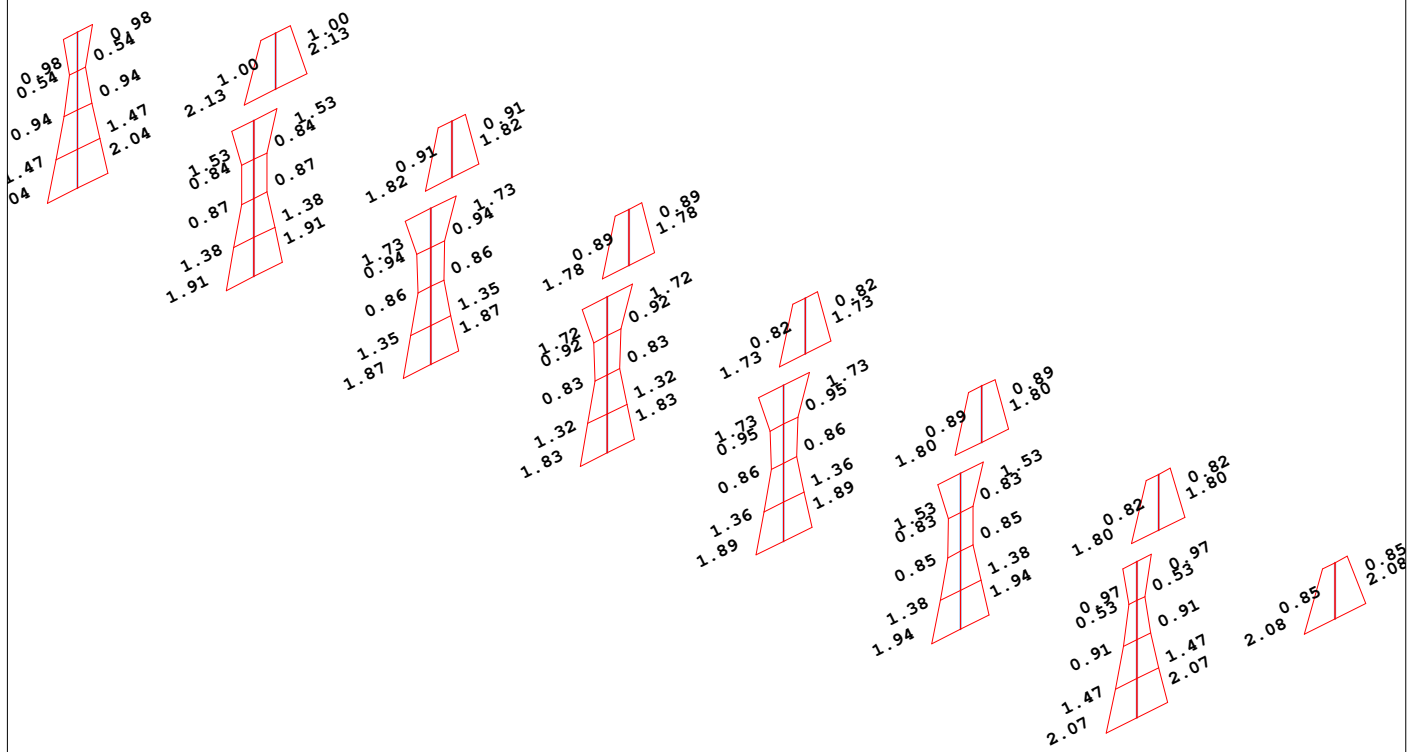
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Merodajna obtežba: 1,15-167
EC2 (EN 1992-1-1:2004), C30/37, S500B



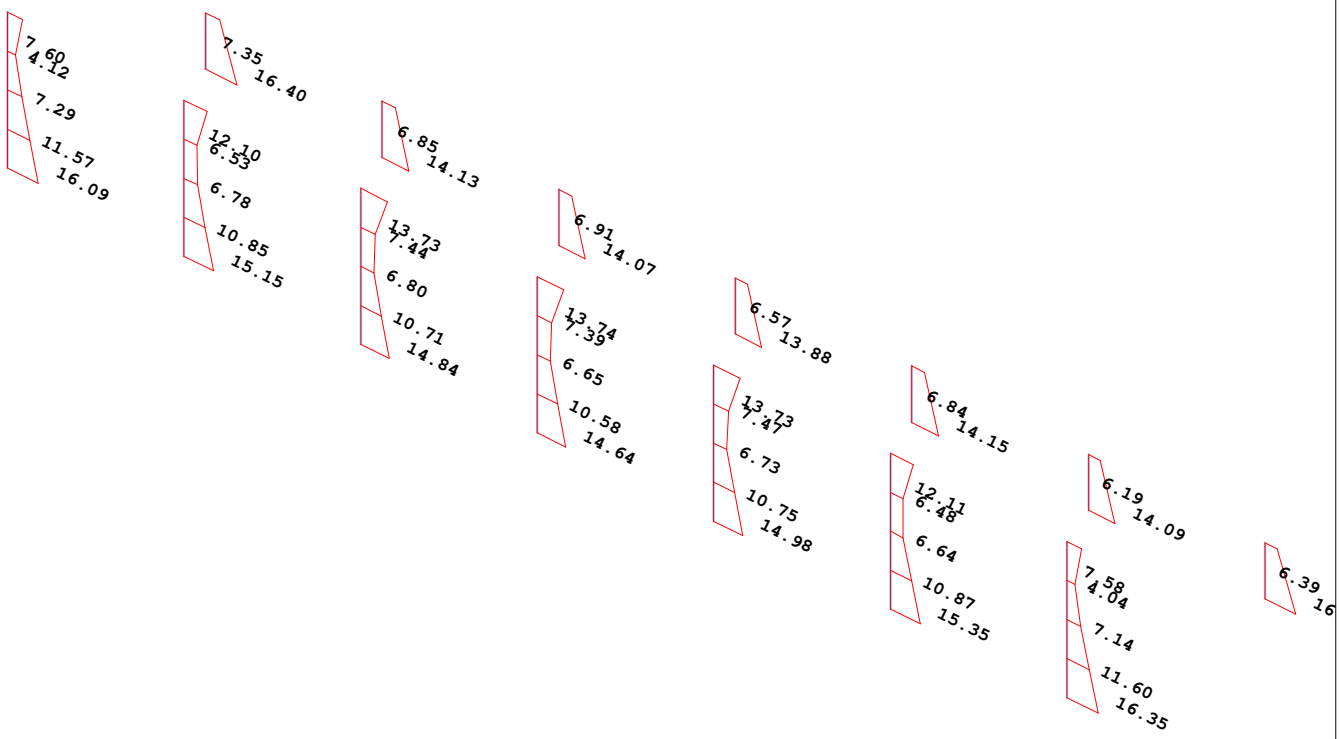
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Armatura v gredah: Aa2/Aa1

Merodajna obtežba: 1,15-167
EC2 (EN 1992-1-1:2004), C30/37, S500B



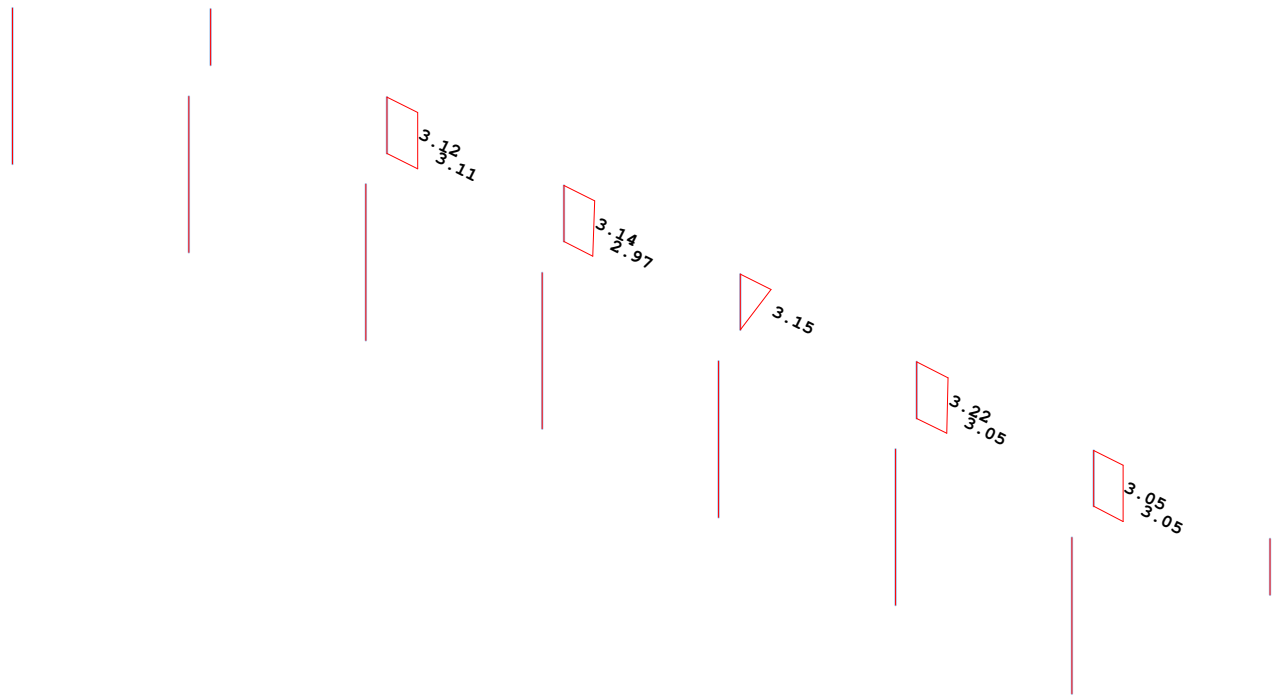
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Merodajna obtežba: 1,15-167
EC2 (EN 1992-1-1:2004), C30/37, S500B



Skupina: Stebri 4
Armatura v gredah: ΣAa

Merodajna obtežba: 1,15-167
EC2 (EN 1992-1-1:2004), C30/37, S500B



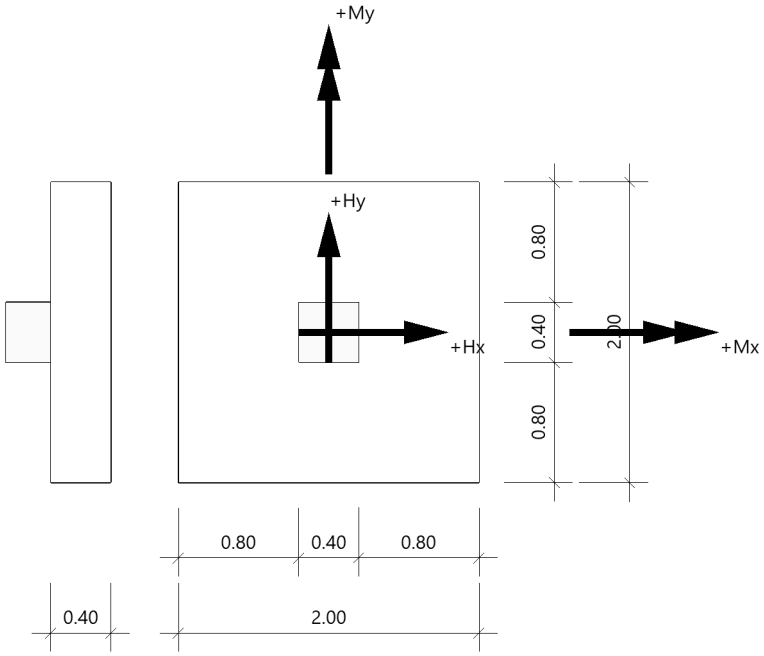
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Armatura v gredah: Aa,st

Position: TT-1 Toèkovni temelj glavnega stebra

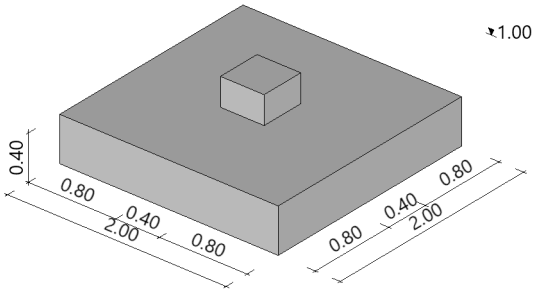
Fundament (x64) FD+ 02/2025A (FRILO R-2025-2/P02)

System

Draufsicht



Isometrie



Fundament nach DIN EN 1992-1-1/NA/A1:2015-12 und DIN EN 1997-1/NA:2010-12

Bauteil

Bauteil	Beton	Betonstahl	Breite (x) m	Breite (y) m	Höhe (z) m
Fundament	C 20/25	B500B	2.00	2.00	0.40
Stütze	C 30/37	B500B	0.40	0.40	0.00

Einbindetiefe des Fundamentes in den Baugrund 1.00 m. Ohne Grundwasser. Bemessungswert des Sohldruckwiderstands $\sigma_{R,d}$ = 547.17 kN/m2.

Kennwerte

Dauerhaftigkeit

Anforderungen Dauerhaftigkeit:

	oben	unten
Betonangriff	WF	X0
Bewehrungskorrosion	XC2	XC2
Mindestbetonklasse	C 16/20	C 16/20
Längsbewehrung	$d_{s,l}$ = 14 mm	$d_{s,l}$ = 14 mm
Vorhaltemaß	Δc_{dev} = 15 mm	Δc_{dev} = 15 mm
Längsbewehrung	$c_{min,l}$ = 20 mm	$c_{min,l}$ = 20 mm
Betondeckung	$c_{nom,l}$ = 35 mm	$c_{nom,l}$ = 35 mm
Verlegemaß Bügel	$c_{v,b}$ = 35 mm	$c_{v,b}$ = 35 mm
zul. Rissbreite	w_{max} = 0.30 mm	w_{max} = 0.30 mm

Lasten

Stützenlasten - Bemessungswerte

Nr	Bezeichnung	N kN	M_{xI} kNm	M_{xII} kNm	M_{yI} kNm	M_{yII} kNm	H_{xI} kN	H_{xII} kN	H_{yI} kN	H_{yII} kN	Red $_N$ [1]	Red $_{MH}$ [1]	BS [2]	GZ
1	O.P. 271	232.0	108.00	108.00	103.00	103.00	29.0	29.0	72.0	72.0	1.40	1.40	BSE	STR

1 : Reduktionsfaktoren N für vertikale Lasten und MH für Momente und horizontale Lasten, verwendet für das Erzeugen fehlender Grenzzustände.
2 : BS: Bemessungssituation P: ständig A: außergewöhnlich E: Erdbeben T: vorübergehend

Sollte für einen Nachweis ein Lastfall nicht im erforderlichen Grenzzustand vorliegen, so wird ein Lastfall mit gleicher Bezeichnung und gefordertem Grenzzustand verwendet. Liegt kein korrespondierender Lastfall vor, so wird unter Verwendung der Reduktionsfaktoren ein Lastfall erzeugt. Eigengewicht ist bei den Nachweisen berücksichtigt. Wichte Beton : γ = 25.00 kN/m3. Gesamtfundament ohne Sockel bzw. Stütze 1.600 m3 / 40.00 kN. Horizontallasten greifen an der Oberkante des Sockels bzw. der Stütze an. Torsion aus Horizontallasten wird nicht berücksichtigt.

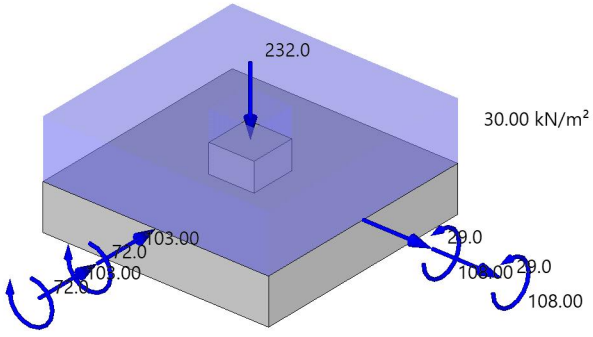
Flächenlasten

Nr	wirksam in Lastfall	Einwirkung	h_E m	γ_E kN/m3	q kN/m2	R kN
1	1	Bemessungswert	0.50	0.00	30.00	120.0 [1]

1 : Bruttowert. Bei der Bemessung wird diese Last noch um Köcher bzw. Stütze reduziert.

Lastfallgrafiken

Lastfall 1 - O.P. 271 -



Ergebnisse

Übersicht Nachweise

Nachweis	Lastfall$_{\|}$	$\eta_{\|}$	Lastfall$_{\|\|}$	$\eta_{\|\|}$
klaffende Fuge nur ständige Lasten SLS charakteristisch	0[1]	0.00	0[1]	0.00
klaffende Fuge ständige und veränderliche Lasten SLS charakteristisch	0[1]	0.00	0[1]	0.00
Lagesicherheit	1[2]	0.30	1[2]	0.30
Vereinfachter Nachweis ULS	1[2]	0.31	1[2]	0.31
Neigung der Sohldruckresultierenden	1[2]	0.96	1[2]	0.96
Durchstanzen $v_{Ed}/v_{Rd,c}$			1	0.18
Durchstanzen $v_{Ed}/v_{Rd,max}$			1	0.13
Rissbreite			1	0.01
Grenzdurchmesser			1	0.01
Betonspannung			1	0.38
Betonstahlspannung			1	0.10

1 : Es sind keine maßgebenden Ergebnisse vorhanden.
2 : Bzw. korrespondierender Lastfall mit gleicher Bezeichung.

Übersicht Bewehrung

Art	Lastfall	cm2
Biegung $As_{x,u}$	1[1]	7.3
Biegung $As_{y,u}$	1[1]	7.7

1 : Bzw. korrespondierender Lastfall mit gleicher Bezeichung.

Lagesicherheit nach DIN 1054:2021 Ergebnislastfall Theorie 1. Ordnung

Nr	bei		m	$M_{Ed,dst}$ kNm	$M_{Ed,st}$ kNm	η
1	x	=	1.00	114.60	388.00	0.30
1	x	=	-1.00	0.00	502.60	0.00
1	y	=	1.00	28.80	496.00	0.06
1	y	=	-1.00	108.00	416.80	0.26

$\eta = M_{Ed,dst} / M_{Ed,st}$ = 114.60 kNm / 388.00 kNm = 0.30
Lagesicherheit: stabilisierende und destabilisierende Momente um Aussenkanten
Die vertikale Erddruckkomponente aus Fundamenteinbindung ist nicht berücksichtigt.
Die Reduktionsfaktoren der Lastfälle sind bei diesem Nachweis nicht berücksichtigt.

Lagesicherheit nach DIN 1054:2021 Ergebnislastfall Theorie 2. Ordnung

Nr	bei		m	$M_{Ed,dst}$ kNm	$M_{Ed,st}$ kNm	η
1	x	=	1.00	114.60	388.00	0.30
1	x	=	-1.00	0.00	502.60	0.00
1	y	=	1.00	28.80	496.00	0.06
1	y	=	-1.00	108.00	416.80	0.26

$\eta = M_{Ed,dst} / M_{Ed,st}$ = 114.60 kNm / 388.00 kNm = 0.30
Lagesicherheit: stabilisierende und destabilisierende Momente um Aussenkanten
Die vertikale Erddruckkomponente aus Fundamenteinbindung ist nicht berücksichtigt.
Die Reduktionsfaktoren der Lastfälle sind bei diesem Nachweis nicht berücksichtigt.

Die Neigung der charakteristischen bzw. repräsentativen Sohldruckresultierenden Theorie 1. Ordnung

tan δ = H/V = 0.19 ≤ 0.20
Die Neigung der charakteristischen bzw. repräsentativen Sohldruckresultierenden ermöglicht den vereinfachten Nachweis.

Die Neigung der charakteristischen bzw. repräsentativen Sohldruckresultierenden Theorie 2. Ordnung

tan δ = H/V = 0.19 ≤ 0.20
Die Neigung der charakteristischen bzw. repräsentativen Sohldruckresultierenden ermöglicht den vereinfachten Nachweis.

Bemessungswert des Sohldruckwiderstands $\sigma_{R,d}$ = 469.00 kN/m2

σ_{Rd} = 547.17 kN/m^2. Der Bemessungswert des Sohldruckwiderstands ist direkt vorgegeben worden. Erhöhung durch Bemessungssituation Erdbeben : $\gamma_{R,p}/\gamma_{R,e}$ = 1,4/1,2 = (116.7 %).

Vereinfachter Nachweis Ergebnislastfall

Nr	GZ	BS	N_d kN	R_0 kN	a' m	b' m	σ_d kN/m2	σ_{Rd} kN/m2	η
1_I	GEO	E	387.2	0.0	1.43	1.61	168.30	547.17 [1]	0.31
1_{II}	GEO	E	387.2	0.0	1.43	1.61	168.30	547.17 [1]	0.31

1 : Erhöhung durch Bemessungssituation Erdbeben : $\gamma_{R,p}/\gamma_{R,e}$ = 1,4/1,2 = (116.7 %)

Der Sohldruck ist mit Sicherheitsbeiwerten behaftet.

Klaffende Fuge

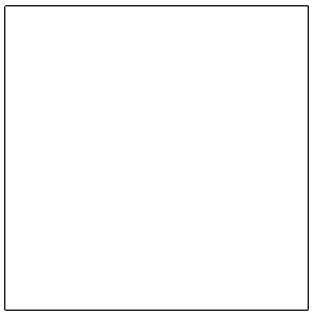
Klaffende Fuge nach DIN 1054:2021 Ergebnislastfall Theorie 1. Ordnung und Theorie 2. Ordnung

Nr	GZ	BS	N kN	e_x m	e_y m	$a^*/(1/6)$	$b^*/(1/9)$	η_G	$\eta_{G,Q}$
0_I [1]	SLS	P	0.0	0.00	0.00	0.000/0.167		0.00	
0_{II} [1]	SLS	P	0.0	0.00	0.00		0.000/0.111	0.00	
0_I [1]	SLS	P	0.0	0.00	0.00		0.000/0.111		0.00
0_{II} [1]	SLS	P	0.0	0.00	0.00		0.000/0.111		0.00

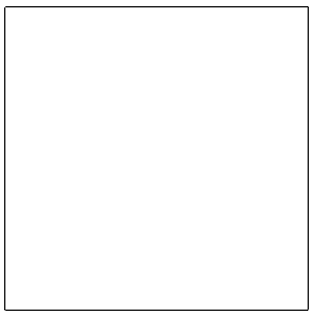
$a^*=e_x/b_x+e_y/b_y$ $b^*=(e_x/b_x)2+(e_y/b_y)2$ $\eta G=a^*/(1/6)$ $\eta GQ=b^*/(1/9)$
Sofern keine maßgebenden charakteristischen Eregbnislastfälle definiert worden sind, ist der Nachweis der klaffenden Fuge mit Hilfe von Reduktionsfaktoren auf ein charakteristisches Niveau reduziert worden.

1 : Es sind keine maßgebenden Ergebnisse vorhanden.

Grafik nur ständige Lasten



Grafik ständige und veränderliche Lasten



Biegung

Bemessung Ergebnislastfälle

LF	$M_{yu,Ed}$ kNm	$M_{xu,Ed}$ kNm	$M_{yo,Ed}$ kNm	$M_{xo,Ed}$ kNm	$A_{s,xu}$ cm2	$A_{s,yu}$ cm2	$A_{s,xo}$ cm2	$A_{s,yo}$ cm2
1 [1]	**103.27**	85.43	0.00	0.00	**7.3***	7.7*	0.0	0.0

*: Mindestbewehrung nach DIN EN 1992-1-1/NA/A1:2015-12 9.2.1.1 (1)

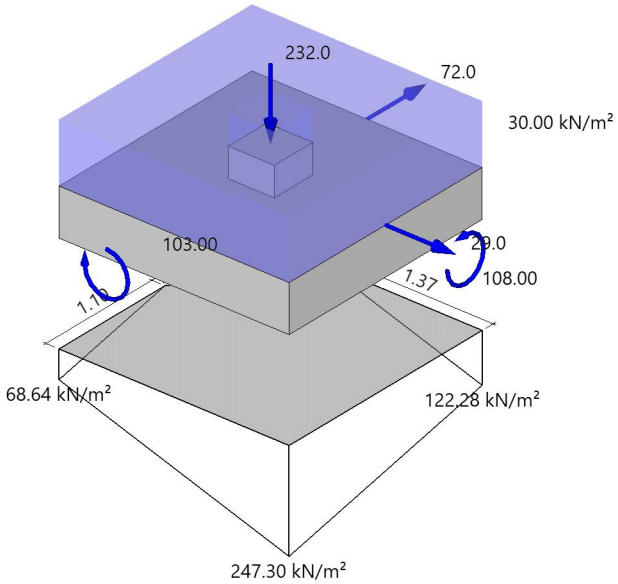
1 : Bzw. korrespondierender Lastfall mit gleicher Bezeichung.

Bewehrungslage Bewehrung in x-Richtung d1,x = 4.0 cm. Bewehrungslage Bewehrung in y-Richtung d1,y = 6.0 cm.
Bewehrungslage Bewehrung in x-Richtung d2,x = 4.0 cm. Bewehrungslage Bewehrung in y-Richtung d2,y = 6.0 cm.
Ausgerundetes Biegemoment aus der Achse der Stütze. 20% Querbewehrung wurden berücksichtigt.

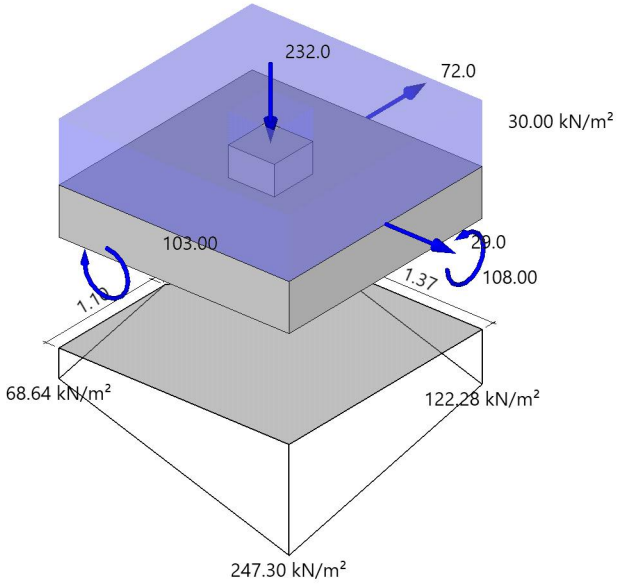
Mindestbewehrung zur Sicherstellung der Querkrafttragfähigkeit nach DIN EN 1992-1-1/NA, NCI zu 6.4.5

Mindestmomente	$M_{y,min}$	=	$\eta_x * v_{Ed} * b_{eff,y}$	=	0.125 * 223.1 * 1.10	=	30.68	kNm
Mindestbewehrung	$A_{s,x,min}$	=		=		=	1.9	cm²
Mindestmomente	$M_{x,min}$	=	$\eta_y * v_{Ed} * b_{eff,x}$	=	0.125 * 223.1 * 1.10	=	30.68	kNm
Mindestbewehrung	$A_{s,y,min}$	=		=		=	2.0	cm²

Ergebnislastfall Biegebemessung in x-Richtung



Ergebnislastfall Biegebemessung in y-Richtung



Bewehrung in x-Richtung unten (m,cm2)

von	-100.0	-50.0	50.0
bis	-50.0	50.0	100.0
Breite	50.0	100.0	50.0
	9Ø14/6.0	12Ø14/8.0	9Ø14/6.0
erf. As	1.8	4.6	1.8
vorh.As	12.8	19.5	12.8
erf.as/m	3.6	4.6	3.6
vorh.as/m	25.6	19.5	25.6
Betondeckung unten: 3.0 cm Betondeckung seitlich: 3.0 cm Betondeckung oben: 3.0 cm			

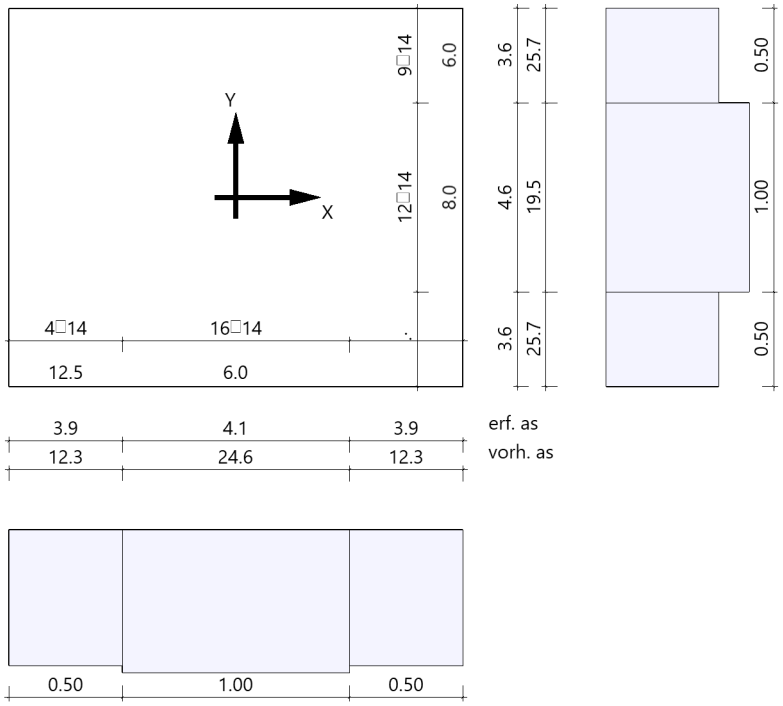
Untere Bewehrung: Es werden Spitzenwerte der Verteilung nach Heft 631 des Deutsches Ausschusses für Stahlbeton abgedeckt. Daher kann die hier erforderliche Bewehrung höher als die statisch erforderliche Bewehrung sein.

Bewehrung in y-Richtung unten (m,cm2)

von	-100.0	-50.0	50.0
bis	-50.0	50.0	100.0
Breite	50.0	100.0	50.0
	4Ø14/12.5	16Ø14/6.0	4Ø14/12.5
erf. As	1.9	4.0	1.9
vorh.As	6.2	24.6	6.2
erf.as/m	3.8	4.0	3.8
vorh.as/m	12.3	24.6	12.3
Betondeckung unten: 3.0 cm Betondeckung seitlich: 3.0 cm Betondeckung oben: 3.0 cm			

Untere Bewehrung: Es werden Spitzenwerte der Verteilung nach Heft 631 des Deutsches Ausschusses für Stahlbeton abgedeckt. Daher kann die hier erforderliche Bewehrung höher als die statisch erforderliche Bewehrung sein.

Bewehrungsverteilung unten in m, cm2/m



Untere Bewehrung: Es werden Spitzenwerte der Verteilung nach Heft 631 des Deutsches Ausschusses für Stahlbeton abgedeckt. Daher kann die hier erforderliche Bewehrung höher als die statisch erforderliche Bewehrung sein. Um die Querkrafttragfähigkeit sicherzustellen, ist das Fundament im Durchstanzbereich für Mindestmomente nach Gleichung (NA.6.54.1) bemessen worden, sofern die Schnittgrößenermittlung nicht zu höheren Werten geführt hat.

Durchstanzen

Durchstanznachweis Lastfall 1

Grenzzustand der Tragfähigkeit für Durchstanzen nach DIN EN 1992-1-1/NA/A1:2015-12
Berechnungsgrundlagen:
Der Biegebewehrungsgrad ist als Mittelwert unter Berücksichtigung einer Plattenbreite entsprechend der Stützenabmessung zuzüglich 3d pro Seite berechnet. (6.4.4 (1))

konstante β-Werte / Innenstütze (automatisch ermittelt)

Nutzhöhe	d_m	=	0.35	m	
Lasteinleitung	c_x	=	0.40	m	Abmessung in x-Richtung
Lasteinleitung	c_y	=	0.40	m	Abmessung in y-Richtung
Radius kritischer Rundschnitt	r_k	=	0.35	m	
Umfang kritischer Rundschnitt	U_{crit}	=	3.80	m	
Fläche kritischer Rundschnitt	A_{crit}	=	1.10	m2	
Sohldruck	σ_{Col}	=	95.46	kN/m2	in Stützenachse
Bewehrungsgrad, vorhanden	ρ_{vorh}	=	0.58	%	
Bewehrungsgrad, Mindestmomente	$\rho_{min,x}$	=	0.05	%	nach 6.4.5
Bewehrungsgrad, Mindestmomente	$\rho_{min,y}$	=	0.05	%	nach 6.4.5
Bewehrungsgrad für Ausführung ohne Bügel	$\rho_{v,Rdc}$	=	0.00	%	< $\rho_{max.}$
Bewehrungsgrad für Druckstrebe	$\rho_{v,Rd,max}$	=	0.00	%	< $\rho_{max.}$
Bewehrungsgrad, maximal ansetzbar	$\rho_{max.}$	=	1.30	%	

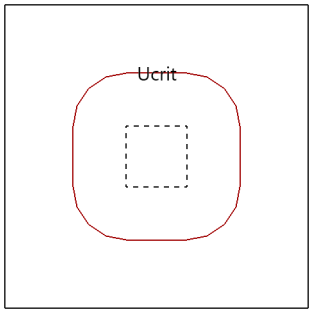
Ermittlung der Durchstanzlast:

Stützenlast	$V_{Ed,col}$	=	232.0	kN	232.0
Summe Vertikalkräfte	$V_{Ed,red}$	=	**170.7**	kN	
Lage im Rundschnitt	x	=	0.00	m	bezogen auf die Stützenachse
Lage im Rundschnitt	Y	=	0.00	m	bezogen auf die Stützenachse
Beiwert Rotationssymmetrie	β	=	1.10		
Schubspannung	v_{Ed}	=	0.14	N/mm2	mit β
Vorfaktor	$C_{Rd,c}$	=	0.100		
Maßstabsfaktor	k	=	1.756		
Schubschlankheit	λ	=	2.286		
Tragwiderstand ohne Durchstanzbewehrung	$v_{Rd,c}$	=	0.80	N/mm2	
Tragwiderstand Mindestwert	$v_{Rd,c,min}$	=	0.73	N/mm2	
Tragwiderstand Druckstrebe	$v_{Rd,max}$	=	1.12	N/mm2	kritischer Rundschnitt
Ausnutzung für Ausführung ohne Bügel	η	=	0.18		
Ausnutzung für Druckstrebe	η	=	0.13		

Keine Bügel erforderlich.

Grafik Rundschnitt

Grafik Rundschnitte Durchstanzen



Querkraft

Querkraftnachweis - Bemessung als Platte

Nr	Seite	bei	m	V_{Ed} kN/m	$A_{s,l}$ cm2/m	$V_{Rd,c}$ kN/m	$V_{Rd,max}$ kN/m	$A_{s,w}$ cm2/m2	$S_{w,max}$ cm
1	links	x =	-0.55	-3.80	22.6	144.13	780.94	0.0	28.0
1	rechts	x =	0.55	56.11	22.6	144.13	780.94	0.0	28.0
1	oben	y =	0.55	5.31	18.5	134.81	780.94	0.0	28.0
1	unten	y =	-0.55	46.76	18.5	134.81	780.94	0.0	28.0

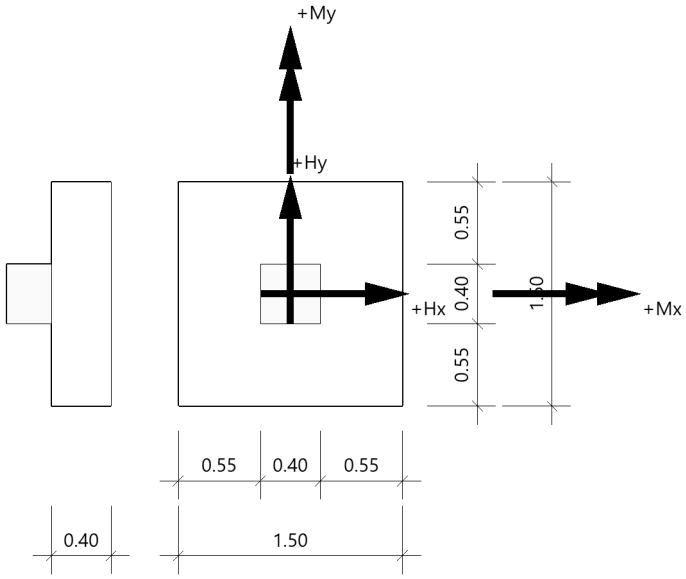
Der Schubbemessungspunkt x bzw. y bezieht sich auf die Fundamentachse.

Position: TT-2 Toèkovni temelj glavnega stebra

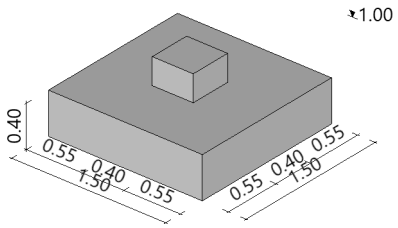
Fundament (x64) FD+ 02/2025A (FRILO R-2025-2/P02)

System

Draufsicht



Isometrie



Fundament nach DIN EN 1992-1-1/NA/A1:2015-12 und DIN EN 1997-1/NA:2010-12

Bauteil

Bauteil	Beton	Betonstahl	Breite (x) m	Breite (y) m	Höhe (z) m
Fundament	C 20/25	B500B	1.50	1.50	0.40
Stütze	C 30/37	B500B	0.40	0.40	0.00

Einbindetiefe des Fundamentes in den Baugrund 1.00 m. Ohne Grundwasser. Bemessungswert des Sohldruckwiderstands $\sigma_{R,d}$ = 547.17 kN/m2.

Kennwerte

Dauerhaftigkeit

Anforderungen Dauerhaftigkeit:

	oben	unten
Betonangriff	WF	X0
Bewehrungskorrosion	XC2	XC2
Mindestbetonklasse	C 16/20	C 16/20
Längsbewehrung	$d_{s,l}$ = 14 mm	$d_{s,l}$ = 14 mm
Vorhaltemaß	Δc_{dev} = 15 mm	Δc_{dev} = 15 mm
Längsbewehrung	$c_{min,l}$ = 20 mm	$c_{min,l}$ = 20 mm
Betondeckung	$c_{nom,l}$ = 35 mm	$c_{nom,l}$ = 35 mm
Verlegemaß Bügel	$c_{v,b}$ = 35 mm	$c_{v,b}$ = 35 mm
zul. Rissbreite	w_{max} = 0.30 mm	w_{max} = 0.30 mm

Lasten

Stützenlasten - Bemessungswerte

Nr	Bezeichnung	N kN	M_{xI} kNm	M_{xII} kNm	M_{yI} kNm	M_{yII} kNm	H_{xI} kN	H_{xII} kN	H_{yI} kN	H_{yII} kN	Red $_N$ [1]	Red $_{MH}$ [1]	BS [2]	GZ
1	O.P. 271	180.0	49.00	49.00	113.00	113.00	29.0	29.0	30.0	30.0	1.40	1.40	BSE	STR

1 : Reduktionsfaktoren N für vertikale Lasten und MH für Momente und horizontale Lasten, verwendet für das Erzeugen fehlender Grenzzustände.
2 : BS: Bemessungssituation P: ständig A: außergewöhnlich E: Erdbeben T: vorübergehend

Sollte für einen Nachweis ein Lastfall nicht im erforderlichen Grenzzustand vorliegen, so wird ein Lastfall mit gleicher Bezeichnung und gefordertem Grenzzustand verwendet. Liegt kein korrespondierender Lastfall vor, so wird unter Verwendung der Reduktionsfaktoren ein Lastfall erzeugt. Eigengewicht ist bei den Nachweisen berücksichtigt. Wichte Beton : γ = 25.00 kN/m3. Gesamtfundament ohne Sockel bzw. Stütze 0.900 m3 / 22.50 kN. Horizontallasten greifen an der Oberkante des Sockels bzw. der Stütze an. Torsion aus Horizontallasten wird nicht berücksichtigt.

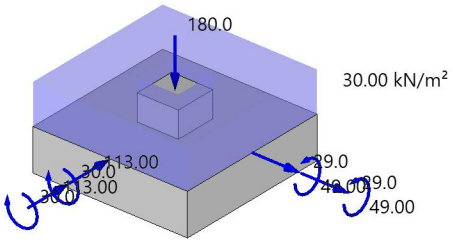
Flächenlasten

Nr	wirksam in Lastfall	Einwirkung	h_E m	γ_E kN/m3	q kN/m2	R kN
1	1	Bemessungswert	0.50	0.00	30.00	67.5 [1]

1 : Bruttowert. Bei der Bemessung wird diese Last noch um Köcher bzw. Stütze reduziert.

Lastfallgrafiken

Lastfall 1 - O.P. 271 -



Ergebnisse

Übersicht Nachweise

Nachweis	Lastfall$_{\|}$	$\eta_{\|}$	Lastfall$_{\|\|}$	$\eta_{\|\|}$
klaffende Fuge nur ständige Lasten SLS charakteristisch	0[1]	0.00	0[1]	0.00
klaffende Fuge ständige und veränderliche Lasten SLS charakteristisch	0[1]	0.00	0[1]	0.00
Lagesicherheit	1[2]	0.62	1[2]	0.62
Vereinfachter Nachweis ULS	1[2]	0.67	1[2]	0.67
Neigung der Sohldruckresultierenden	1[2]	0.76	1[2]	0.76
Durchstanzen $v_{Ed}/v_{Rd,c}$			1	0.21
Durchstanzen $v_{Ed}/v_{Rd,max}$			1	0.15
Rissbreite			1	0.01
Grenzdurchmesser			1	0.01
Betonspannung			1	0.41
Betonstahlspannung			1	0.13

1 : Es sind keine maßgebenden Ergebnisse vorhanden.
2 : Bzw. korrespondierender Lastfall mit gleicher Bezeichung.

Übersicht Bewehrung

Art	Lastfall	cm2
Biegung $As_{x,u}$	1[1]	6.2
Biegung $As_{y,u}$	1[1]	5.8
Biegung $As_{x,o}$	1[1]	5.5

1 : Bzw. korrespondierender Lastfall mit gleicher Bezeichung.

Lagesicherheit nach DIN 1054:2021 Ergebnislastfall Theorie 1. Ordnung

Nr	bei		m	$M_{Ed,dst}$ kNm	$M_{Ed,st}$ kNm	η
1	x	=	0.75	124.60	200.81	0.62
1	x	=	-0.75	0.00	325.41	0.00
1	y	=	0.75	12.00	249.81	0.05
1	y	=	-0.75	49.00	212.81	0.23

$\eta = M_{Ed,dst} / M_{Ed,st}$ = 124.60 kNm / 200.81 kNm = 0.62
Lagesicherheit: stabilisierende und destabilisierende Momente um Aussenkanten
Die vertikale Erddruckkomponente aus Fundamenteinbindung ist nicht berücksichtigt.
Die Reduktionsfaktoren der Lastfälle sind bei diesem Nachweis nicht berücksichtigt.

Lagesicherheit nach DIN 1054:2021 Ergebnislastfall Theorie 2. Ordnung

Nr	bei		m	$M_{Ed,dst}$ kNm	$M_{Ed,st}$ kNm	η
1	x	=	0.75	124.60	200.81	0.62
1	x	=	-0.75	0.00	325.41	0.00
1	y	=	0.75	12.00	249.81	0.05
1	y	=	-0.75	49.00	212.81	0.23

$\eta = M_{Ed,dst} / M_{Ed,st}$ = 124.60 kNm / 200.81 kNm = 0.62
Lagesicherheit: stabilisierende und destabilisierende Momente um Aussenkanten
Die vertikale Erddruckkomponente aus Fundamenteinbindung ist nicht berücksichtigt.
Die Reduktionsfaktoren der Lastfälle sind bei diesem Nachweis nicht berücksichtigt.

Die Neigung der charakteristischen bzw. repräsentativen Sohldruckresultierenden Theorie 1. Ordnung

$\tan \delta = H/V = 0.15 \leq 0.20$
Die Neigung der charakteristischen bzw. repräsentativen Sohldruckresultierenden ermöglicht den vereinfachten Nachweis.

Die Neigung der charakteristischen bzw. repräsentativen Sohldruckresultierenden Theorie 2. Ordnung

$\tan \delta = H/V = 0.15 \leq 0.20$
Die Neigung der charakteristischen bzw. repräsentativen Sohldruckresultierenden ermöglicht den vereinfachten Nachweis.

Bemessungswert des Sohldruckwiderstands $\sigma_{R,d}$ = 469.00 kN/m2

σ_{Rd} = 547.17 kN/m^2. Der Bemessungswert des Sohldruckwiderstands ist direkt vorgegeben worden. Erhöhung durch Bemessungssituation Erdbeben : $\gamma_{R,p}/\gamma_{R,e}$ = 1,4/1,2 = (116.7 %).

Vereinfachter Nachweis Ergebnislastfall

Nr	GZ	BS	N_d kN	R_0 kN	a' m	b' m	σ_d kN/m2	σ_{Rd} kN/m2	η
1_I	GEO	E	265.2	0.0	0.59	1.23	364.68	547.17 [1]	0.67
1_{II}	GEO	E	265.2	0.0	0.59	1.23	364.68	547.17 [1]	0.67

1 : Erhöhung durch Bemessungssituation Erdbeben : $\gamma_{R,p}/\gamma_{R,e}$ = 1,4/1,2 = (116.7 %)

Der Sohldruck ist mit Sicherheitsbeiwerten behaftet.

Klaffende Fuge

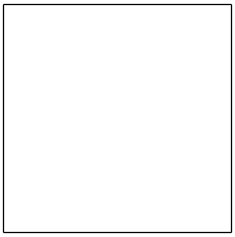
Klaffende Fuge nach DIN 1054:2021 Ergebnislastfall Theorie 1. Ordnung und Theorie 2. Ordnung

Nr	GZ	BS	N kN	e_x m	e_y m	$a^*/(1/6)$	$b^*/(1/9)$	η_G	$\eta_{G,Q}$
0_I [1]	SLS	P	0.0	0.00	0.00	0.000/0.167		0.00	
0_{II} [1]	SLS	P	0.0	0.00	0.00		0.000/0.111	0.00	
0_I [1]	SLS	P	0.0	0.00	0.00		0.000/0.111		0.00
0_{II} [1]	SLS	P	0.0	0.00	0.00		0.000/0.111		0.00

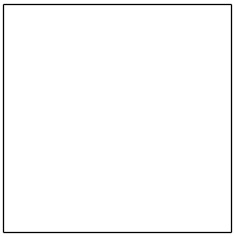
$a^*=e_x/b_x+e_y/b_y$ $b^*=(e_x/b_x)2+(e_y/b_y)2$ $\eta G=a^*/(1/6)$ $\eta GQ=b^*/(1/9)$
Sofern keine maßgebenden charakteristischen Eregbnislastfälle definiert worden sind, ist der Nachweis der klaffenden Fuge mit Hilfe von Reduktionsfaktoren auf ein charakteristisches Niveau reduziert worden.

1 : Es sind keine maßgebenden Ergebnisse vorhanden.

Grafik nur ständige Lasten



Grafik ständige und veränderliche Lasten



Biegung

Bemessung Ergebnislastfälle

LF	$M_{yu,Ed}$ kNm	$M_{xu,Ed}$ kNm	$M_{yo,Ed}$ kNm	$M_{xo,Ed}$ kNm	$A_{s,xu}$ cm2	$A_{s,yu}$ cm2	$A_{s,xo}$ cm2	$A_{s,yo}$ cm2
1 [1]	**98.88**	42.79	-16.43	0.00	**6.2**	5.8*	5.5*	0.0

*: Mindestbewehrung nach DIN EN 1992-1-1/NA/A1:2015-12 9.2.1.1 (1)

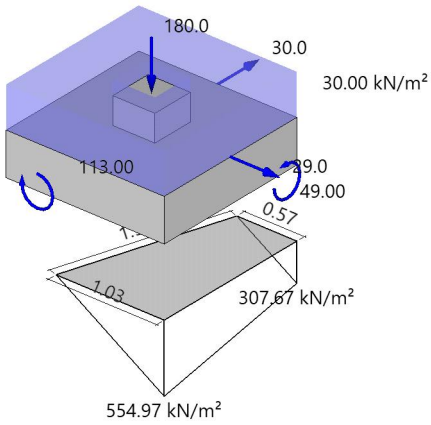
1 : Bzw. korrespondierender Lastfall mit gleicher Bezeichung.

Bewehrungslage Bewehrung in x-Richtung d1,x = 4.0 cm. Bewehrungslage Bewehrung in y-Richtung d1,y = 6.0 cm.
Bewehrungslage Bewehrung in x-Richtung d2,x = 4.0 cm. Bewehrungslage Bewehrung in y-Richtung d2,y = 6.0 cm.
Ausgerundetes Biegemoment aus der Achse der Stütze. 20% Querbewehrung wurden berücksichtigt.

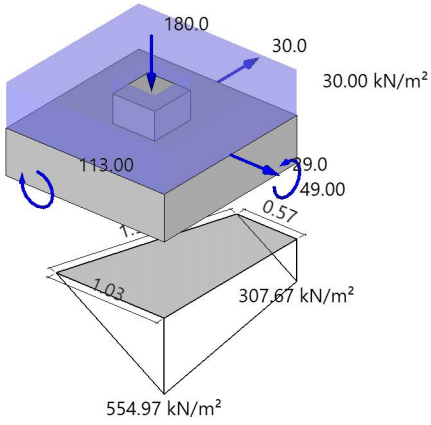
Mindestbewehrung zur Sicherstellung der Querkrafttragfähigkeit nach DIN EN 1992-1-1/NA, NCI zu 6.4.5

Mindestmomente	$M_{y,min}$	=	$\eta_x * v_{Ed} * b_{eff,y}$	=	0.125 * 180.0 * 1.50	=	33.75	kNm
Mindestbewehrung	$A_{s,x,min}$	=		=		=	2.1	cm²
Mindestmomente	$M_{x,min}$	=	$\eta_y * v_{Ed} * b_{eff,x}$	=	0.125 * 180.0 * 1.50	=	33.75	kNm
Mindestbewehrung	$A_{s,y,min}$	=		=		=	2.2	cm²

Ergebnislastfall Biegebemessung in x-Richtung



Ergebnislastfall Biegebemessung in y-Richtung



Bewehrung in x-Richtung unten (m,cm2)

von	-75.0	-37.5	37.5
bis	-37.5	37.5	75.0
Breite	37.5	75.0	37.5
	8Ø14/5.0	9Ø14/8.0	8Ø14/5.0
erf. As	1.5	4.0	1.5
vorh.As	11.5	14.6	11.5
erf.as/m	4.1	5.3	4.1
vorh.as/m	30.8	19.5	30.8
Betondeckung unten: 3.0 cm Betondeckung seitlich: 3.0 cm Betondeckung oben: 3.0 cm			

Untere Bewehrung: Es werden Spitzenwerte der Verteilung nach Heft 631 des Deutsches Ausschusses für Stahlbeton abgedeckt. Daher kann die hier erforderliche Bewehrung höher als die statisch erforderliche Bewehrung sein.

Bewehrung in y-Richtung unten (m,cm2)

von bis Breite	-75.0 -37.5 37.5	-37.5 37.5 75.0	37.5 75.0 37.5
	4Ø14/9.0	13Ø14/6.0	4Ø14/9.0
erf. As vorh.As erf.as/m vorh.as/m	1.4 6.5 3.8 17.4	2.9 19.2 3.8 25.7	1.4 6.5 3.8 17.4
Betondeckung unten: 3.0 cm Betondeckung seitlich: 3.0 cm Betondeckung oben: 3.0 cm			

Untere Bewehrung: Es werden Spitzenwerte der Verteilung nach Heft 631 des Deutsches Ausschusses für Stahlbeton abgedeckt. Daher kann die hier erforderliche Bewehrung höher als die statisch erforderliche Bewehrung sein.

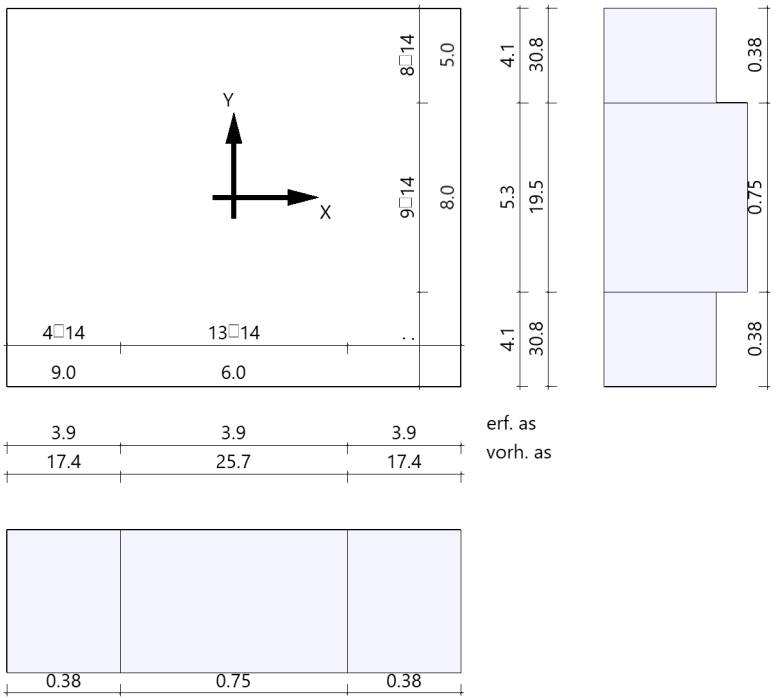
Bewehrung in x-Richtung oben (m,cm2)

von bis Breite	-75.0 75.0 150.0
	8Ø12/20.0
erf. As vorh.As erf.as/m vorh.as/m	5.4 9.0 3.6 6.0
Betondeckung unten: 3.0 cm Betondeckung seitlich: 3.0 cm Betondeckung oben: 3.0 cm	

Bewehrung in y-Richtung oben (m,cm2)

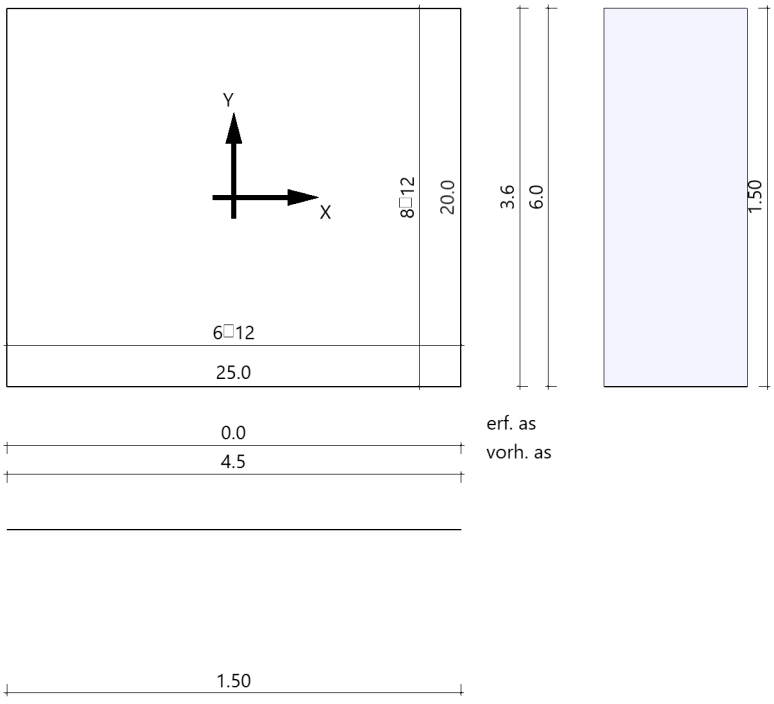
von bis Breite	-75.0 75.0 150.0
	6Ø12/25.0
erf. As vorh.As erf.as/m vorh.as/m	0.0 6.8 0.0 4.5
Betondeckung unten: 3.0 cm Betondeckung seitlich: 3.0 cm Betondeckung oben: 3.0 cm	

Bewehrungsverteilung unten in m, cm2/m



Untere Bewehrung: Es werden Spitzenwerte der Verteilung nach Heft 631 des Deutsches Ausschusses für Stahlbeton abgedeckt. Daher kann die hier erforderliche Bewehrung höher als die statisch erforderliche Bewehrung sein. Um die Querkrafttragfähigkeit sicherzustellen, ist das Fundament im Durchstanzbereich für Mindestmomente nach Gleichung (NA.6.54.1) bemessen worden, sofern die Schnittgrößenermittlung nicht zu höheren Werten geführt hat.

Bewehrungsverteilung oben in m, cm2/m



Durchstanzen

Durchstanznachweis Lastfall 1

Grenzzustand der Tragfähigkeit für Durchstanzen nach DIN EN 1992-1-1/NA/A1:2015-12
Berechnungsgrundlagen:
Der Biegebewehrungsgrad ist als Mittelwert unter Berücksichtigung einer Plattenbreite entsprechend der Stützenabmessung zuzüglich 3d pro Seite berechnet. (6.4.4 (1))

konstante β-Werte / Innenstütze (automatisch ermittelt)

Nutzhöhe	d_m	=	0.35	m	
Lasteinleitung	c_x	=	0.40	m	Abmessung in x-Richtung
Lasteinleitung	c_y	=	0.40	m	Abmessung in y-Richtung
Radius kritischer Rundschnitt	r_k	=	0.55	m	
Umfang kritischer Rundschnitt	U_{crit}	=	5.06	m	
Fläche kritischer Rundschnitt	A_{crit}	=	1.99	m2	
Sohldruck	σ_{Col}	=	25.92	kN/m2	in Stützenachse
Bewehrungsgrad, vorhanden	ρ_{vorh}	=	0.67	%	
Bewehrungsgrad, Mindestmomente	$\rho_{min,x}$	=	0.04	%	nach 6.4.5
Bewehrungsgrad, Mindestmomente	$\rho_{min,y}$	=	0.04	%	nach 6.4.5
Bewehrungsgrad für Ausführung ohne Bügel	$\rho_{v,Rdc}$	=	0.01	%	< $\rho_{max.}$
Bewehrungsgrad für Druckstrebe	$\rho_{v,Rd,max}$	=	0.00	%	< $\rho_{max.}$
Bewehrungsgrad, maximal ansetzbar	$\rho_{max.}$	=	1.30	%	

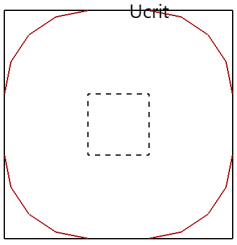
Ermittlung der Durchstanzlast:

Stützenlast	$V_{Ed,col}$	=	180.0	kN	180.0
Summe Vertikalkräfte	$V_{Ed,red}$	=	**180.0**	kN	
Lage im Rundschnitt	x	=	0.00	m	bezogen auf die Stützenachse
Lage im Rundschnitt	Y	=	0.00	m	bezogen auf die Stützenachse
Beiwert Rotationssymmetrie	β	=	1.10		
Schubspannung	v_{Ed}	=	0.11	N/mm2	mit β
Vorfaktor	$C_{Rd,c}$	=	0.100		
Maßstabsfaktor	k	=	1.756		
Schubschlankheit	λ	=	1.571		
Tragwiderstand ohne Durchstanzbewehrung	$v_{Rd,c}$	=	0.53	N/mm2	
Tragwiderstand Mindestwert	$v_{Rd,c,min}$	=	0.46	N/mm2	
Tragwiderstand Druckstrebe	$v_{Rd,max}$	=	0.74	N/mm2	kritischer Rundschnitt
Ausnutzung für Ausführung ohne Bügel	η	=	0.21		
Ausnutzung für Druckstrebe	η	=	0.15		

Keine Bügel erforderlich.

Grafik Rundschnitt

Grafik Rundschnitte Durchstanzen



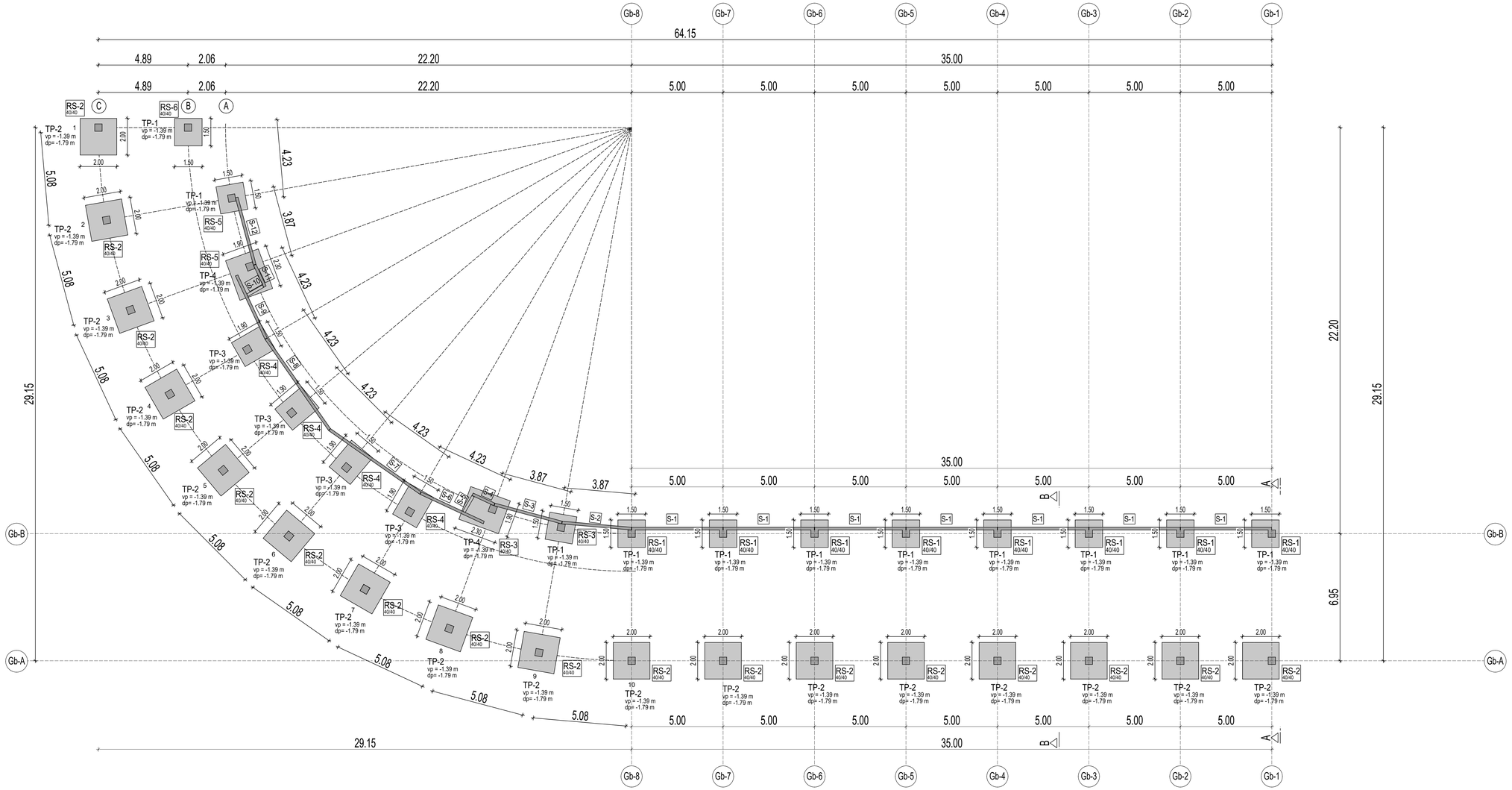
Querkraft

Querkraftnachweis - Bemessung als Platte

Nr	Seite	bei	m	V_{Ed} kN/m	$A_{s,l}$ cm2/m	$V_{Rd,c}$ kN/m	$V_{Rd,max}$ kN/m	$A_{s,w}$ cm2/m2	$S_{w,max}$ cm
1	links	x =	-0.55	-8.00	25.1	149.39	780.94	0.0	28.0
1	rechts	x =	0.55	67.45	25.1	149.39	780.94	0.0	28.0
1	oben	y =	0.55	4.85	21.5	141.91	780.94	0.0	28.0
1	unten	y =	-0.55	27.44	21.5	141.91	780.94	0.0	28.0

Der Schubbemessungspunkt x bzw. y bezieht sich auf die Fundamentachse.

TLORIS TEMELJEV, MONTAŽNIH STEBROV IN REKLAMNIH STEN
M = 1:100



TLORIS TEMELJEV, MONTAŽNIH STEBROV IN REKLAMNIH STEN

OPOMBE:

Klasično izveden del objekta (talna plošča, pasovni temelji, morebitne jekl. podkonstrukcije, AB klasični in opečni zidovi), izvedba hidroizolacije, niso predmet tega načrta!

MONTAŽNI AB ELEMENTI

ARMIRANI BETON

OPEČNI ZID

Rev.	Datum	Ime	Opis spremembe	Podpis

Projektivno podjetje

Pomgrad d.d.
Baková ulica 31, SI-9000 Murska Sobota
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Investitor / naročnik

Mestna občina Murska Sobota
Kardoševa ulica,
9000 Murska Sobota

Objekt / lokacija

Severozahodna pokrita tribuna s pomožnimi prostori na območju stadiona Fazanerija (faza 1 - konstrukcija tribun)
Murska Sobota

Vsebina / prikaz risbe

Tloris temeljev, montažnih stebrov in reklamnih sten
dispozicija montažne AB konstrukcije

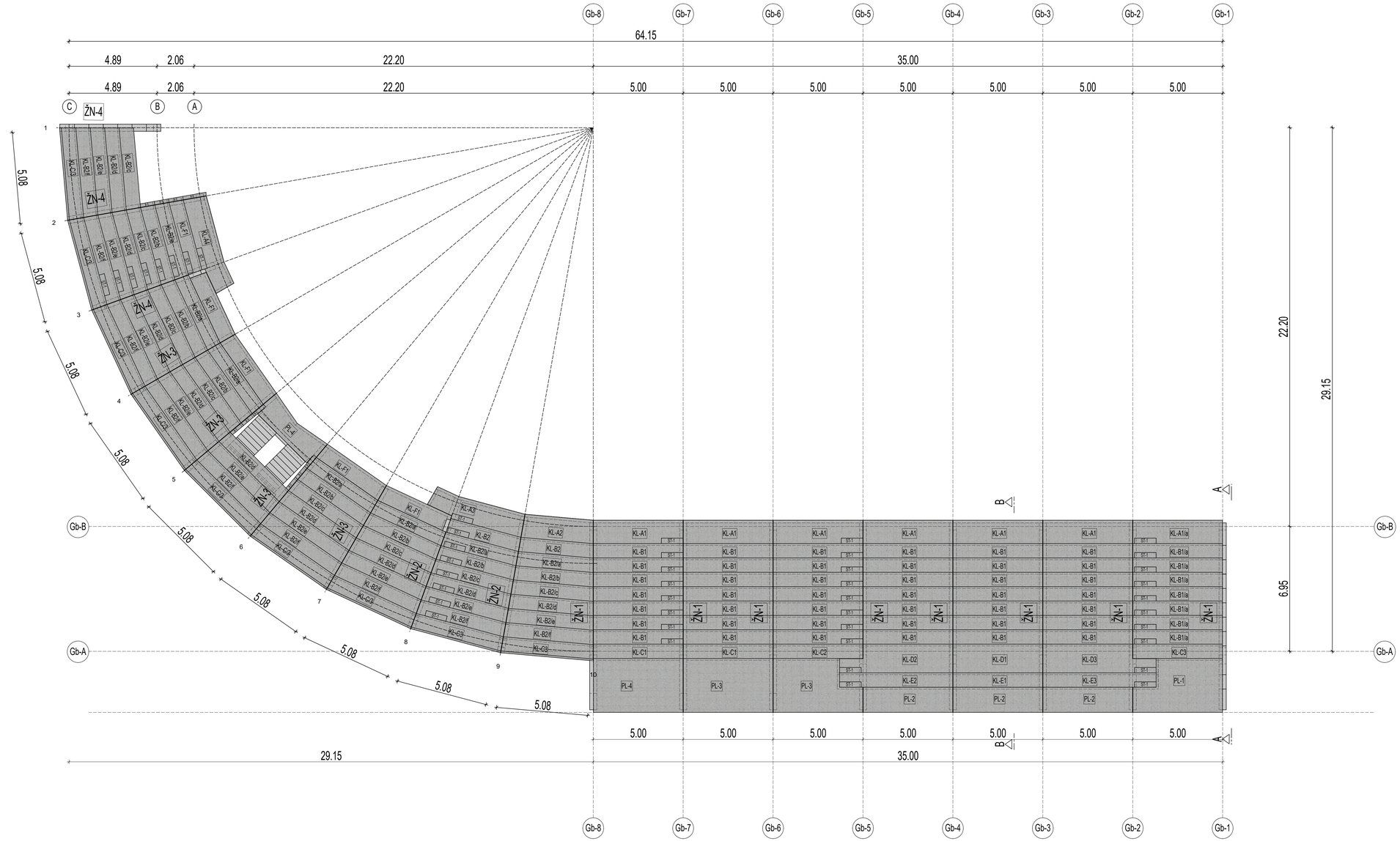
	Ime	Ident. št.	Vrsta načrta	Načrt gradbenih konstrukcij za montažno AB konstrukcijo
Vodja projekta	Andrej KALAMAR, udia.	ZAPS 0091 PA PPN		
Vodja načrta (p.i.)	Jure TIKVIČ, udig.	G-3877	Številka projekta	397/25
Izdelovalec risbe	Lucija SEČKAR, udig.		Številka načrta	14/25-GK-M
Merilo	M 1:100		Vrsta dokument.	PZI
Datum	14.05.2025		List številka	P.M.PZI.01

Vse pravice pridržane. Vsebina načrta je last podjetja Pomgrad d.d., ki je lastnik avtorskih pravic. Prepovedana je vsakršna javna raba, kopiranje, razmnoževanje, ali druge oblike širjenja celotne vsebine ali posameznih delov projektne dokumentacije brez pisnega soglasja podjetja Pomgrad d. d.

V/Š = 520 / 1050 (0.55m2)

Allplan 2025

TLORIS MONTAŽNIH ŽAGASTIH NOSILCEV, KLOPI, STOPNIC IN PLOŠČ
M = 1:100



TLORIS MONTAŽNIH ŽAGASTIH NOSILCEV, KLOPI, STOPNIC IN PLOŠČ

MONTAŽNI AB ELEMENTI
ARMIRANI BETON
OPEČNI ZID

Rev.	Datum	Ime	Opis spremembe	Podpis

Projektivno podjetje

POMGRAD
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Investitor / naročnik

Mestna občina Murska Sobota
Kardoševa ulica,
9000 Murska Sobota

Objekt / lokacija

Severozahodna pokrita tribuna s pomožnimi prostori na območju stadiona Fazanerija (faza 1 - konstrukcija tribun)
Murska Sobota

Vsebina / prikaz risbe

Tloris montažnih žagastih nosilcev, klopi, stopnic in plošč
dispozicija montažne AB konstrukcije

	Ime	Ident. št.	Vrsta načrta	Načrt gradbenih konstrukcij za montažno AB konstrukcijo
Vodja projekta	Andrej KALAMAR, udia.	ZAPS 0091 PA PPN		
Vodja načrta (p.i.)	Jure TIKVIČ, udig.	G-3877	Številka projekta	397/25
Izdelovalec risbe	Lucija SEČKAR, udig.		Številka načrta	14/25-GK-M
Merilo	M 1:100		Vrsta dokument.	PZI
Datum	14.05.2025		List številka	P.M.PZI.02

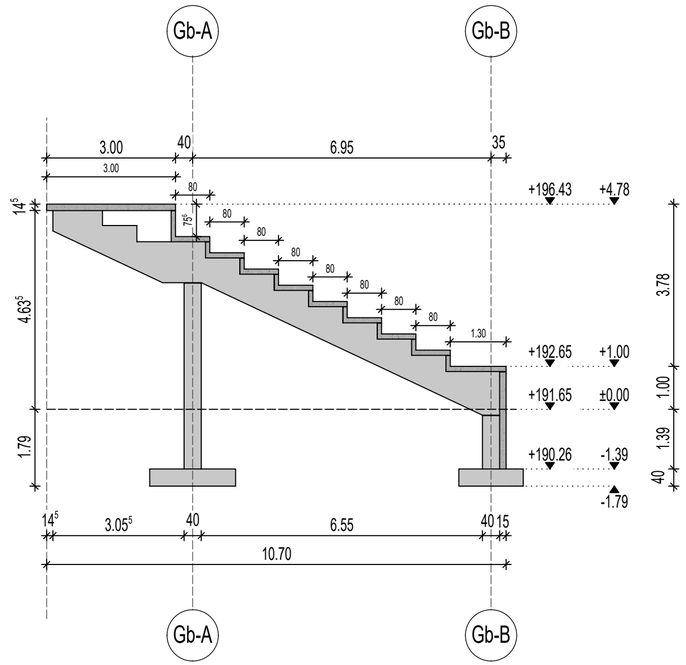
Vse pravice pridržane. Vsebina načrta je last podjetja Pomgrad d.d., ki je lastnik avtorskih pravic. Prepovedana je vsakršna javna raba, kopiranje, razmnoževanje, ali druge oblike širjenja celotne vsebine ali posameznih delov projektne dokumentacije brez pisnega soglasja podjetja Pomgrad d.d.

V/Š = 520 / 1050 (0.55m2)

PREREZI

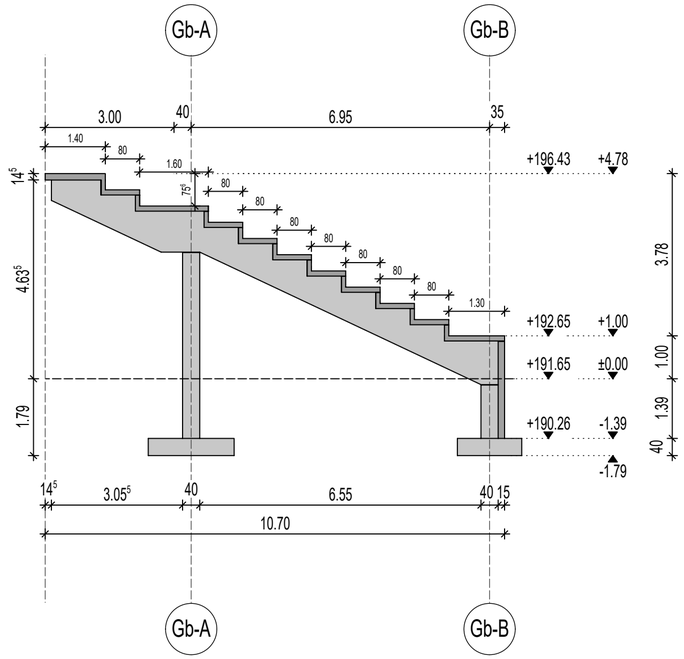
Prerez A-A

M = 1:100



Prerez B-B

M = 1:100



MONTAŽNI AB ELEMENTI

ARMIRANI BETON

OPEČNI ZID

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Investitor / naročnik

Mestna občina Murska Sobota
Kardoševa ulica,
9000 Murska Sobota

Objekt / lokacija

Severozahodna pokrita tribuna s pomožnimi prostori na območju stadiona Fazanerija (faza 1 - konstrukcija tribun)
Murska Sobota

Vsebina / prikaz risbe

Prerezi
dispozicija montažne AB konstrukcije

	Ime	Ident. št.	Vrsta načrta	Načrt gradbenih konstrukcij za montažno AB konstrukcijo
Vodja projekta	Andrej KALAMAR, udia.	ZAPS 0091 PA PPN		
Vodja načrta (p.i.)	Jure TIKVIČ, udig.	G-3877	Številka projekta	397/25
Izdelovalec risbe	Lucija SEČKAR, udig.		Številka načrta	14/25-GK-M
Merilo	M 1:100		Vrsta dokument.	PZI
Datum	14.05.2025		List številka	P.M.PZI.03

Vse pravice pridržane. Vsebina načrta je last podjetja Pomgrad d.d., ki je lastnik avtorskih pravic. Prepovedana je vsakršna javna raba, kopiranje, razmnoževanje, ali druge oblike širjenja celotne vsebine ali posameznih delov projektne dokumentacije brez pisnega soglasja podjetja Pomgrad d.d.

V/Š = 298 / 600 (0.18m2)

Allplan 2025