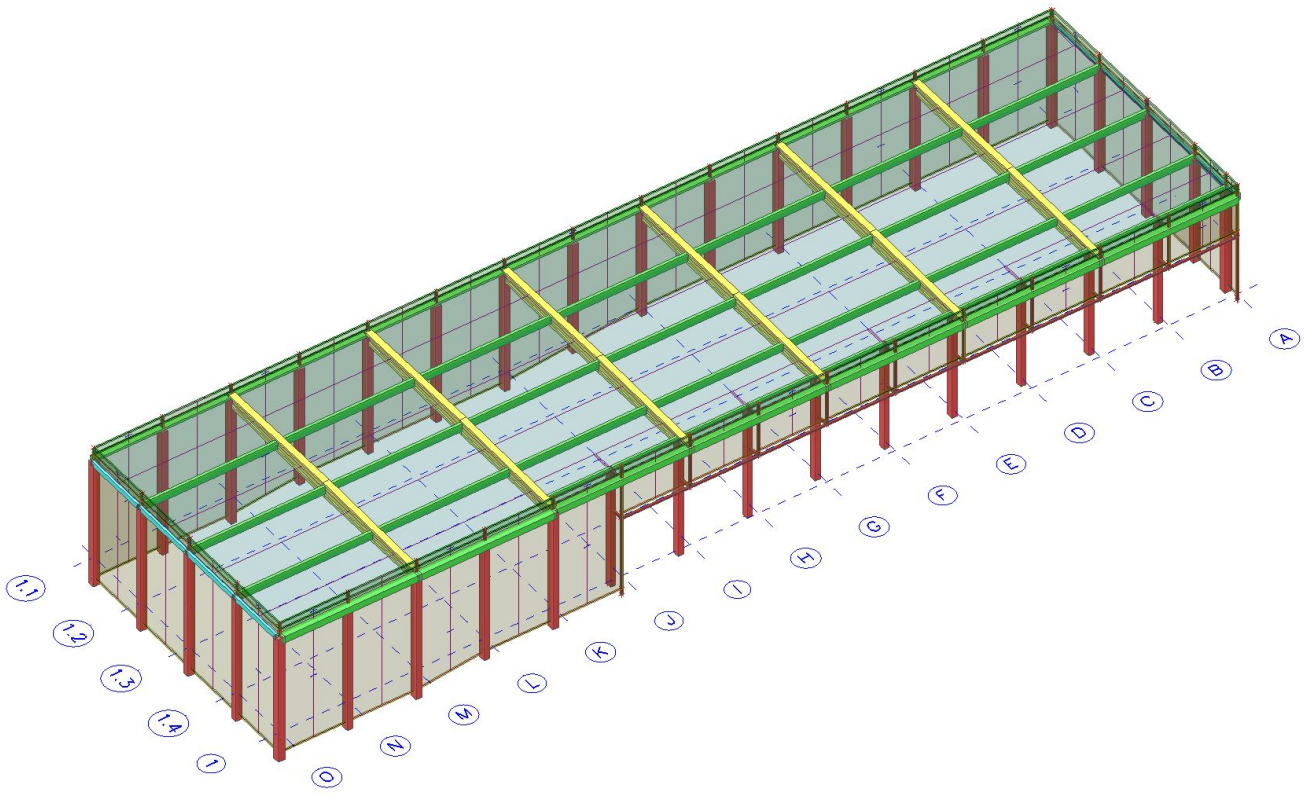
1. Analysis model



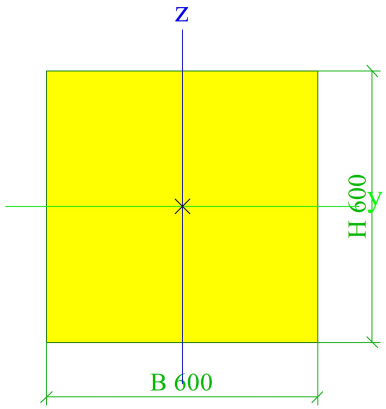


2. Obsah

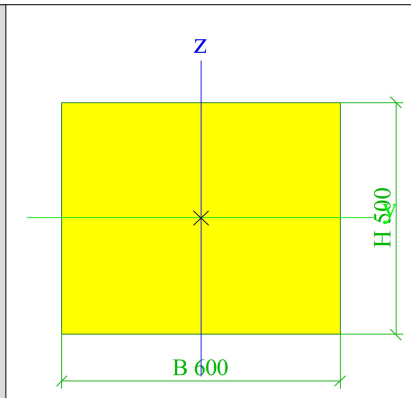
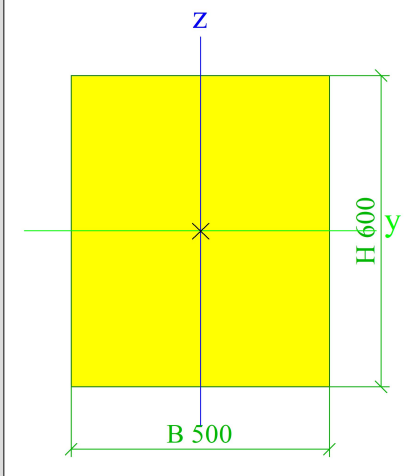
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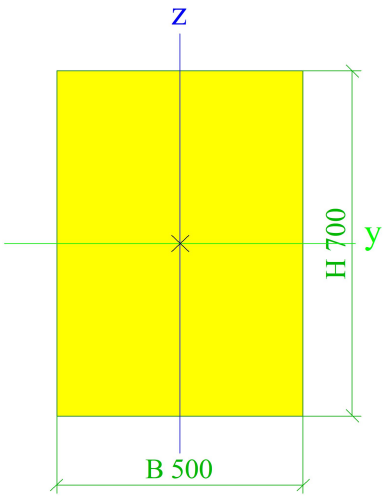
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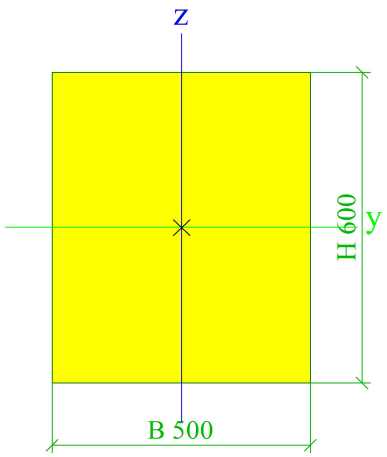
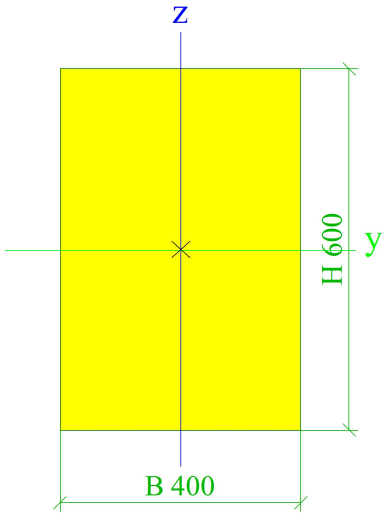
S1		
Typ	Obdĺžnik	
Detailný	600; 600	
Typ tvaru	Hrubostenný	
Materiálová položka	C45/55	
Výroba	betón	
Farba		
A [m²]	3.6000e-01	
A_y [m²], A_z [m²]	3.0000e-01	3.0000e-01
A_L [m²/m], A_D [m²/m]	2.4000e+00	2.4000e+00
$c_{Y.UCS}$ [mm], $c_{Z.UCS}$ [mm]	300	300
α [deg]	0.00	
I_y [m⁴], I_z [m⁴]	1.0800e-02	1.0800e-02
i_y [mm], i_z [mm]	173	173
$W_{el.y}$ [m³], $W_{el.z}$ [m³]	3.6000e-02	3.6000e-02
$W_{pl.y}$ [m³], $W_{pl.z}$ [m³]	0.0000e+00	0.0000e+00
$M_{pl.y.+}$ [Nm], $M_{pl.y.-}$ [Nm]	0.00e+00	0.00e+00
$M_{pl.z.+}$ [Nm], $M_{pl.z.-}$ [Nm]	0.00e+00	0.00e+00
d_y [mm], d_z [mm]	0	0
I_t [m⁴], I_w [m⁶]	1.8239e-02	0.0000e+00
β_y [mm], β_z [mm]	0	0
Obrázok		

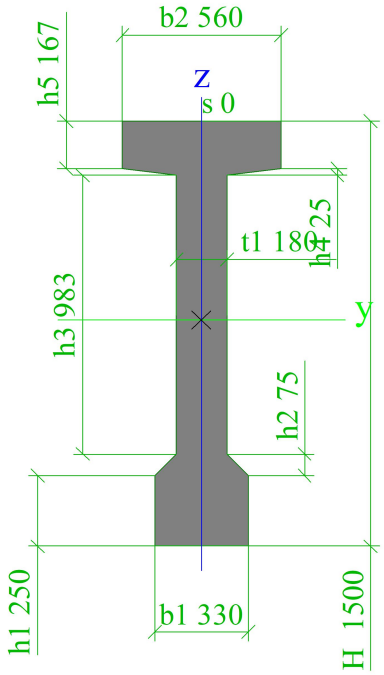
S2		
Typ	Obdĺžnik	
Detailný	500; 600	
Typ tvaru	Hrubostenný	
Materiálová položka	C45/55	
Výroba	betón	
Farba		
A [m²]	3.0000e-01	
A_y [m²], A_z [m²]	2.5000e-01	2.5000e-01
A_L [m²/m], A_D [m²/m]	2.2000e+00	2.2000e+00
$c_{Y.UCS}$ [mm], $c_{Z.UCS}$ [mm]	300	250
α [deg]	0.00	
I_y [m⁴], I_z [m⁴]	6.2500e-03	9.0000e-03
i_y [mm], i_z [mm]	144	173
$W_{el.y}$ [m³], $W_{el.z}$ [m³]	2.5000e-02	3.0000e-02
$W_{pl.y}$ [m³], $W_{pl.z}$ [m³]	0.0000e+00	0.0000e+00
$M_{pl.y.+}$ [Nm], $M_{pl.y.-}$ [Nm]	0.00e+00	0.00e+00
$M_{pl.z.+}$ [Nm], $M_{pl.z.-}$ [Nm]	0.00e+00	0.00e+00
d_y [mm], d_z [mm]	0	0
I_t [m⁴], I_w [m⁶]	1.2467e-02	0.0000e+00
β_y [mm], β_z [mm]	0	0

Obrázok		
S3		
Typ	Obdĺžnik	
Detailný	600; 500	
Typ tvaru	Hrubostenný	
Materiálová položka	C45/55	
Výroba	betón	
Farba		
A [m²]	3.0000e-01	
A_y [m²], A_z [m²]	2.5000e-01	2.5000e-01
A_L [m²/m], A_D [m²/m]	2.2000e+00	2.2000e+00
$c_{Y.UCS}$ [mm], $c_{Z.UCS}$ [mm]	250	300
α [deg]	0.00	
I_y [m⁴], I_z [m⁴]	9.0000e-03	6.2500e-03
i_y [mm], i_z [mm]	173	144
$W_{el.y}$ [m³], $W_{el.z}$ [m³]	3.0000e-02	2.5000e-02
$W_{pl.y}$ [m³], $W_{pl.z}$ [m³]	0.0000e+00	0.0000e+00
$M_{pl.y.+}$ [Nm], $M_{pl.y.-}$ [Nm]	0.00e+00	0.00e+00
$M_{pl.z.+}$ [Nm], $M_{pl.z.-}$ [Nm]	0.00e+00	0.00e+00
d_y [mm], d_z [mm]	0	0
I_t [m⁴], I_w [m⁶]	1.2467e-02	0.0000e+00
β_y [mm], β_z [mm]	0	0
Obrázok		
S4		
Typ	Obdĺžnik	
Detailný	700; 500	
Typ tvaru	Hrubostenný	
Materiálová položka	C45/55	
Výroba	betón	
Farba		
A [m²]	3.5000e-01	
A_y [m²], A_z [m²]	2.9167e-01	2.9167e-01
A_L [m²/m], A_D [m²/m]	2.4000e+00	2.4000e+00
$c_{Y.UCS}$ [mm], $c_{Z.UCS}$ [mm]	250	350
α [deg]	0.00	

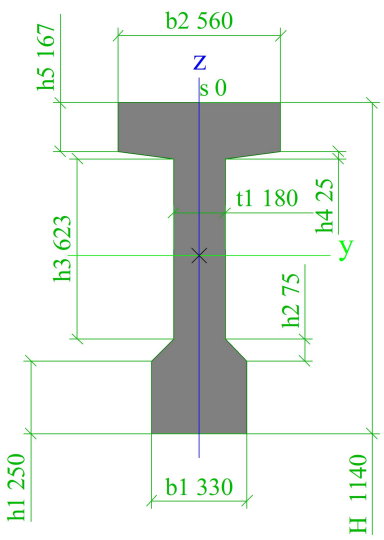
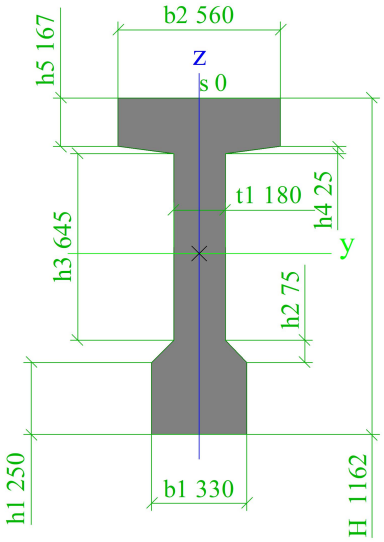
I_y [m⁴], I_z [m⁴]	1.4292e-02	7.2917e-03
i_y [mm], i_z [mm]	202	144
$W_{el.y}$ [m³], $W_{el.z}$ [m³]	4.0833e-02	2.9167e-02
$W_{pl.y}$ [m³], $W_{pl.z}$ [m³]	0.0000e+00	0.0000e+00
$M_{pl.y.+}$ [Nm], $M_{pl.y.-}$ [Nm]	0.00e+00	0.00e+00
$M_{pl.z.+}$ [Nm], $M_{pl.z.-}$ [Nm]	0.00e+00	0.00e+00
d_y [mm], d_z [mm]	0	0
I_t [m⁴], I_w [m⁶]	1.6361e-02	0.0000e+00
β_y [mm], β_z [mm]	0	0
Obrázok		

S5		
Typ	Obdĺžnik	
Detailný	600; 500	
Typ tvaru	Hrubostenný	
Materiálová položka	C45/55	
Výroba	betón	
Farba		
A [m²]	3.0000e-01	
A_y [m²], A_z [m²]	2.5000e-01	2.5000e-01
A_L [m²/m], A_D [m²/m]	2.2000e+00	2.2000e+00
$c_{Y.UCS}$ [mm], $c_{Z.UCS}$ [mm]	250	300
α [deg]	0.00	
I_y [m⁴], I_z [m⁴]	9.0000e-03	6.2500e-03
i_y [mm], i_z [mm]	173	144
$W_{el.y}$ [m³], $W_{el.z}$ [m³]	3.0000e-02	2.5000e-02
$W_{pl.y}$ [m³], $W_{pl.z}$ [m³]	0.0000e+00	0.0000e+00
$M_{pl.y.+}$ [Nm], $M_{pl.y.-}$ [Nm]	0.00e+00	0.00e+00
$M_{pl.z.+}$ [Nm], $M_{pl.z.-}$ [Nm]	0.00e+00	0.00e+00
d_y [mm], d_z [mm]	0	0
I_t [m⁴], I_w [m⁶]	1.2467e-02	0.0000e+00
β_y [mm], β_z [mm]	0	0

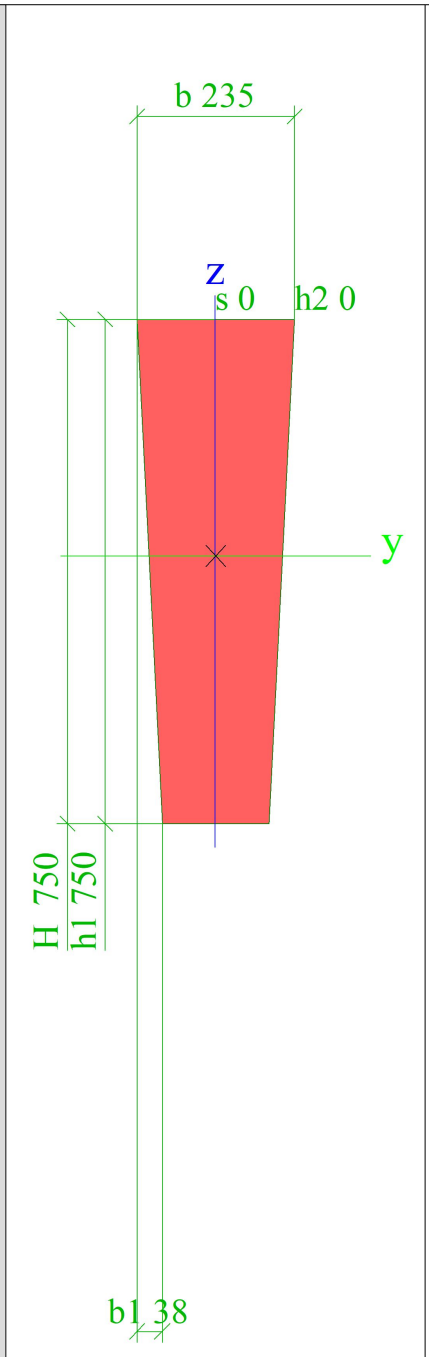
Obrázok		
S6		
Typ	Obdĺžnik	
Detailný	600; 400	
Typ tvaru	Hrubostenný	
Materiálová položka	C45/55	
Výroba	betón	
Farba		
A [m²]	2.4000e-01	
A_y [m²], A_z [m²]	2.0000e-01	2.0000e-01
A_L [m²/m], A_D [m²/m]	2.0000e+00	2.0000e+00
$c_{Y.UCS}$ [mm], $c_{Z.UCS}$ [mm]	200	300
α [deg]	0.00	
I_y [m⁴], I_z [m⁴]	7.2000e-03	3.2000e-03
i_y [mm], i_z [mm]	173	115
$W_{el.y}$ [m³], $W_{el.z}$ [m³]	2.4000e-02	1.6000e-02
$W_{pl.y}$ [m³], $W_{pl.z}$ [m³]	0.0000e+00	0.0000e+00
$M_{pl.y.+}$ [Nm], $M_{pl.y.-}$ [Nm]	0.00e+00	0.00e+00
$M_{pl.z.+}$ [Nm], $M_{pl.z.-}$ [Nm]	0.00e+00	0.00e+00
d_y [mm], d_z [mm]	0	0
I_t [m⁴], I_w [m⁶]	7.5197e-03	0.0000e+00
β_y [mm], β_z [mm]	0	0
Obrázok		
VK-STRED		
Typ	I	
Detailný	330; 560; 180; 250; 75; 983; 25; 167; 0	
Typ tvaru	Hrubostenný	
Materiálová položka	C55/67	
Výroba	betón	

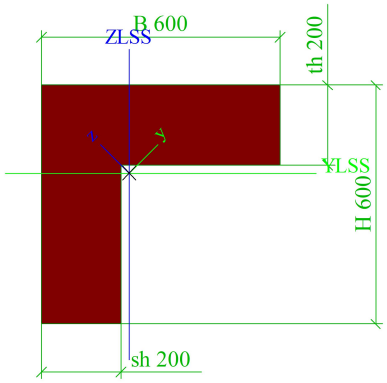
Farba		
A [m²]	3.8133e-01	
A_y [m²], A_z [m²]	3.4294e-01	2.5052e-01
A_L [m²/m], A_D [m²/m]	4.2854e+00	4.2854e+00
$c_{Y.UCS}$ [mm], $c_{Z.UCS}$ [mm]	280	800
α [deg]	0.00	
I_y [m⁴], I_z [m⁴]	9.5708e-02	3.9164e-03
i_y [mm], i_z [mm]	501	101
$W_{el.y}$ [m³], $W_{el.z}$ [m³]	1.1969e-01	1.3987e-02
$W_{pl.y}$ [m³], $W_{pl.z}$ [m³]	0.0000e+00	0.0000e+00
$M_{pl.y.+}$ [Nm], $M_{pl.y.-}$ [Nm]	0.00e+00	0.00e+00
$M_{pl.z.+}$ [Nm], $M_{pl.z.-}$ [Nm]	0.00e+00	0.00e+00
d_y [mm], d_z [mm]	0	0
I_t [m⁴], I_w [m⁶]	5.5189e-03	0.0000e+00
β_y [mm], β_z [mm]	-36	0
Obrázok		

VK-KRAJ		
Typ	I	
Detailný	330; 560; 180; 250; 75; 623; 25; 167; 0	
Typ tvaru	Hrubostenný	
Materiálová položka	C55/67	
Výroba	betón	
Farba		
A [m²]	3.1653e-01	
A_y [m²], A_z [m²]	2.9526e-01	1.9654e-01
A_L [m²/m], A_D [m²/m]	3.5654e+00	3.5654e+00
$c_{Y.UCS}$ [mm], $c_{Z.UCS}$ [mm]	280	615
α [deg]	0.00	
I_y [m⁴], I_z [m⁴]	4.5588e-02	3.7414e-03
i_y [mm], i_z [mm]	380	109
$W_{el.y}$ [m³], $W_{el.z}$ [m³]	7.4067e-02	1.3362e-02
$W_{pl.y}$ [m³], $W_{pl.z}$ [m³]	0.0000e+00	0.0000e+00
$M_{pl.y.+}$ [Nm], $M_{pl.y.-}$ [Nm]	0.00e+00	0.00e+00
$M_{pl.z.+}$ [Nm], $M_{pl.z.-}$ [Nm]	0.00e+00	0.00e+00
d_y [mm], d_z [mm]	0	0
I_t [m⁴], I_w [m⁶]	5.4868e-03	0.0000e+00
β_y [mm], β_z [mm]	-31	0

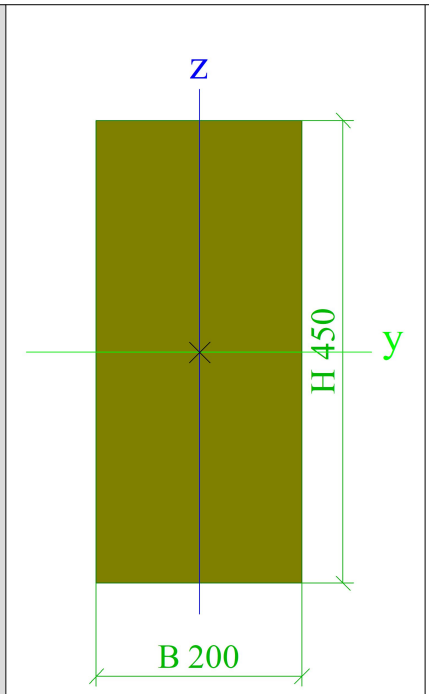
Obrázok		
VK-KRAJ1		
Typ	I	
Detailný	330; 560; 180; 250; 75; 645; 25; 167; 0	
Typ tvaru	Hrubostenný	
Materiálová položka	C55/67	
Výroba	betón	
Farba		
A [m²]	3.2049e-01	
A_y [m²], A_z [m²]	2.9833e-01	1.9973e-01
A_L [m²/m], A_D [m²/m]	3.6094e+00	3.6094e+00
$c_{Y.UCS}$ [mm], $c_{Z.UCS}$ [mm]	280	627
α [deg]	0.00	
I_y [m⁴], I_z [m⁴]	4.8020e-02	3.7521e-03
i_y [mm], i_z [mm]	387	108
$W_{el.y}$ [m³], $W_{el.z}$ [m³]	7.6612e-02	1.3400e-02
$W_{pl.y}$ [m³], $W_{pl.z}$ [m³]	0.0000e+00	0.0000e+00
$M_{pl.y.+}$ [Nm], $M_{pl.y.-}$ [Nm]	0.00e+00	0.00e+00
$M_{pl.z.+}$ [Nm], $M_{pl.z.-}$ [Nm]	0.00e+00	0.00e+00
d_y [mm], d_z [mm]	0	0
I_t [m⁴], I_w [m⁶]	5.4762e-03	0.0000e+00
β_y [mm], β_z [mm]	-32	0
Obrázok		
V		
Typ	Doska 2	

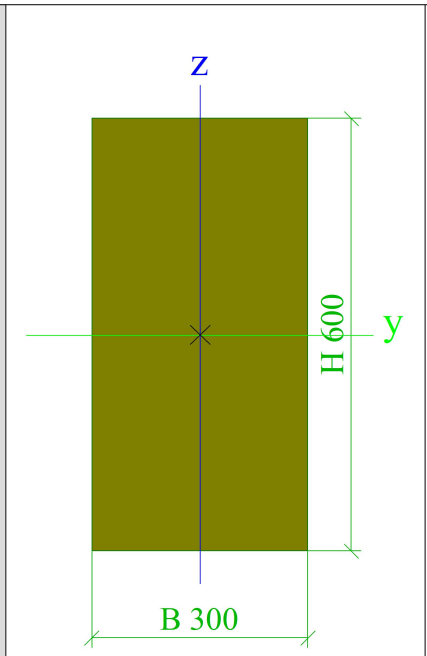
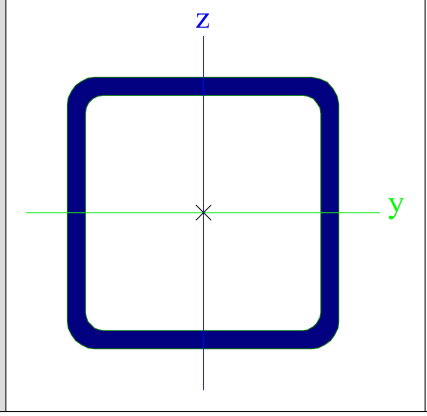
Detailný	235; 750; 0; 38; 0	
Typ tvaru	Hrubostenný	
Materiálová položka	C45/55	
Výroba	betón	
Farba		
A [m^2]	1.4813e-01	
A_y [m^2], A_z [m^2]	1.2725e-01	1.2276e-01
A_L [m^2/m], A_D [m^2/m]	1.8969e+00	1.8969e+00
$c_{Y.UCS}$ [mm], $c_{Z.UCS}$ [mm]	118	399
α [deg]	0.00	
I_y [m^4], I_z [m^4]	6.8599e-03	4.9884e-04
i_y [mm], i_z [mm]	215	58
$W_{el.y}$ [m^3], $W_{el.z}$ [m^3]	1.7204e-02	4.2455e-03
$W_{pl.y}$ [m^3], $W_{pl.z}$ [m^3]	0.0000e+00	0.0000e+00
$M_{pl.y.+}$ [Nm], $M_{pl.y.-}$ [Nm]	0.00e+00	0.00e+00
$M_{pl.z.+}$ [Nm], $M_{pl.z.-}$ [Nm]	0.00e+00	0.00e+00
d_y [mm], d_z [mm]	0	0
I_t [m^4], I_w [m^6]	1.7498e-03	0.0000e+00
β_y [mm], β_z [mm]	-25	0

Obrázok		
OS-L		
Typ	L- g	
Detailný	600; 600; 200; 200	
Typ tvaru	Hrubostenný	
Materiálová položka	C40/50	
Výroba	betón	
Farba		
A [m²]	2.0000e-01	
A_y [m²], A_z [m²]	1.7230e-01	1.8808e-01
A_L [m²/m], A_D [m²/m]	2.4000e+00	2.4000e+00
$c_{Y.UCS}$ [mm], $c_{Z.UCS}$ [mm]	220	380
$I_{Y.LCS}$ [m⁴], $I_{Z.LCS}$ [m⁴]	5.7867e-03	5.7867e-03
$I_{YZ.LCS}$ [m⁴]	2.8800e-03	
α [deg]	45.00	
I_y [m⁴], I_z [m⁴]	2.9067e-03	8.6667e-03

i_y [mm], i_z [mm]	121	208
$W_{el.y}$ [m^3], $W_{el.z}$ [m^3]	9.3424e-03	2.0428e-02
$W_{pl.y}$ [m^3], $W_{pl.z}$ [m^3]	0.0000e+00	0.0000e+00
$M_{pl.y.+}$ [Nm], $M_{pl.y.-}$ [Nm]	0.00e+00	0.00e+00
$M_{pl.z.+}$ [Nm], $M_{pl.z.-}$ [Nm]	0.00e+00	0.00e+00
d_y [mm], d_z [mm]	0	0
I_t [m^4], I_w [m^6]	4.3758e-03	0.0000e+00
β_y [mm], β_z [mm]	-206	0
Obrázok		

OS		
Typ	Obdĺžnik	
Detailný	450; 200	
Typ tvaru	Hrubostenný	
Materiálová položka	C35/45	
Výroba	betón	
Farba		
A [m^2]	9.0000e-02	
A_y [m^2], A_z [m^2]	7.5000e-02	7.5000e-02
A_L [m^2/m], A_D [m^2/m]	1.3000e+00	1.3000e+00
$c_{Y.UCS}$ [mm], $c_{Z.UCS}$ [mm]	100	225
α [deg]	0.00	
I_y [m^4], I_z [m^4]	1.5188e-03	3.0000e-04
i_y [mm], i_z [mm]	130	58
$W_{el.y}$ [m^3], $W_{el.z}$ [m^3]	6.7500e-03	3.0000e-03
$W_{pl.y}$ [m^3], $W_{pl.z}$ [m^3]	0.0000e+00	0.0000e+00
$M_{pl.y.+}$ [Nm], $M_{pl.y.-}$ [Nm]	0.00e+00	0.00e+00
$M_{pl.z.+}$ [Nm], $M_{pl.z.-}$ [Nm]	0.00e+00	0.00e+00
d_y [mm], d_z [mm]	0	0
I_t [m^4], I_w [m^6]	8.6457e-04	0.0000e+00
β_y [mm], β_z [mm]	0	0

Obrázok		
		
OS1		
Typ	Obdĺžnik	
Detailný	600; 300	
Typ tvaru	Hrubostenný	
Materiálová položka	C35/45	
Výroba	betón	
Farba		
A [m^2]	1.8000e-01	
A_y [m^2], A_z [m^2]	1.5000e-01	1.5000e-01
A_L [m^2/m], A_D [m^2/m]	1.8000e+00	1.8000e+00
$c_{Y.UCS}$ [mm], $c_{Z.UCS}$ [mm]	150	300
α [deg]	0.00	
I_y [m^4], I_z [m^4]	5.4000e-03	1.3500e-03
i_y [mm], i_z [mm]	173	87
$W_{el.y}$ [m^3], $W_{el.z}$ [m^3]	1.8000e-02	9.0000e-03
$W_{pl.y}$ [m^3], $W_{pl.z}$ [m^3]	0.0000e+00	0.0000e+00
$M_{pl.y.+}$ [Nm], $M_{pl.y.-}$ [Nm]	0.00e+00	0.00e+00
$M_{pl.z.+}$ [Nm], $M_{pl.z.-}$ [Nm]	0.00e+00	0.00e+00
d_y [mm], d_z [mm]	0	0
I_t [m^4], I_w [m^6]	3.7053e-03	0.0000e+00
β_y [mm], β_z [mm]	0	0

Obrázok		
OK		
Typ	SHS150/150/10.0	
Kód tvaru	2 - Obdĺžnikový dutý prierez	
Typ tvaru	Tenkostenný	
Materiálová položka	S 235	
Výroba	valcovaný	
Farba		
Rovinný vzper y-y, Rovinný vzper z-z	a	a
A [m^2]	5.4900e-03	
A_y [m^2], A_z [m^2]	2.7454e-03	2.7454e-03
A_L [m^2/m], A_D [m^2/m]	5.7400e-01	1.0769e+00
$c_{Y.UCS}$ [mm], $c_{Z.UCS}$ [mm]	75	75
α [deg]	0.00	
I_y [m^4], I_z [m^4]	1.7730e-05	1.7730e-05
i_y [mm], i_z [mm]	57	57
$W_{el.y}$ [m^3], $W_{el.z}$ [m^3]	2.3600e-04	2.3600e-04
$W_{pl.y}$ [m^3], $W_{pl.z}$ [m^3]	2.8600e-04	2.8600e-04
$M_{pl.y.+}$ [Nm], $M_{pl.y.-}$ [Nm]	6.72e+04	6.72e+04
$M_{pl.z.+}$ [Nm], $M_{pl.z.-}$ [Nm]	6.72e+04	6.72e+04
d_y [mm], d_z [mm]	0	0
I_t [m^4], I_w [m^6]	2.8320e-05	6.3281e-08
β_y [mm], β_z [mm]	0	0
Obrázok		

Vysvetlivky symbolov	
A	Plocha

Vysvetlivky symbolov	
A_y	Šmyk. plocha v hlavnom smere y

Vysvetlivky symbolov	
A_z	Šmyk. plocha v hlavnom smere z
A_L	Obvod na jednotku dĺžky
A_D	Vysychajúci obvod na jednotku dĺžky
$c_{Y.UCS}$	Súradnica ťažiska v smere Y zadaného osového systému
$c_{Z.UCS}$	Súradnica ťažiska v smere Z zadaného osového systému
$I_{Y.LCS}$	Moment zotrvačnosti k osi YLSS
$I_{Z.LCS}$	Moment zotrvačnosti k osi ZLSS
$I_{YZ.LCS}$	Deviačný moment plochy v systéme LSS
α	Uhlové pootočenie hlavného osového systému
I_y	Moment zotrvačnosti k hlavnej osi y
I_z	Moment zotrvačnosti k hlavnej osi z
i_y	Polomer zotrvačnosti k hlavnej osi y
i_z	Polomer zotrvačnosti k hlavnej osi z
$W_{el.y}$	Pružný prierezový modul k hlavnej osi y

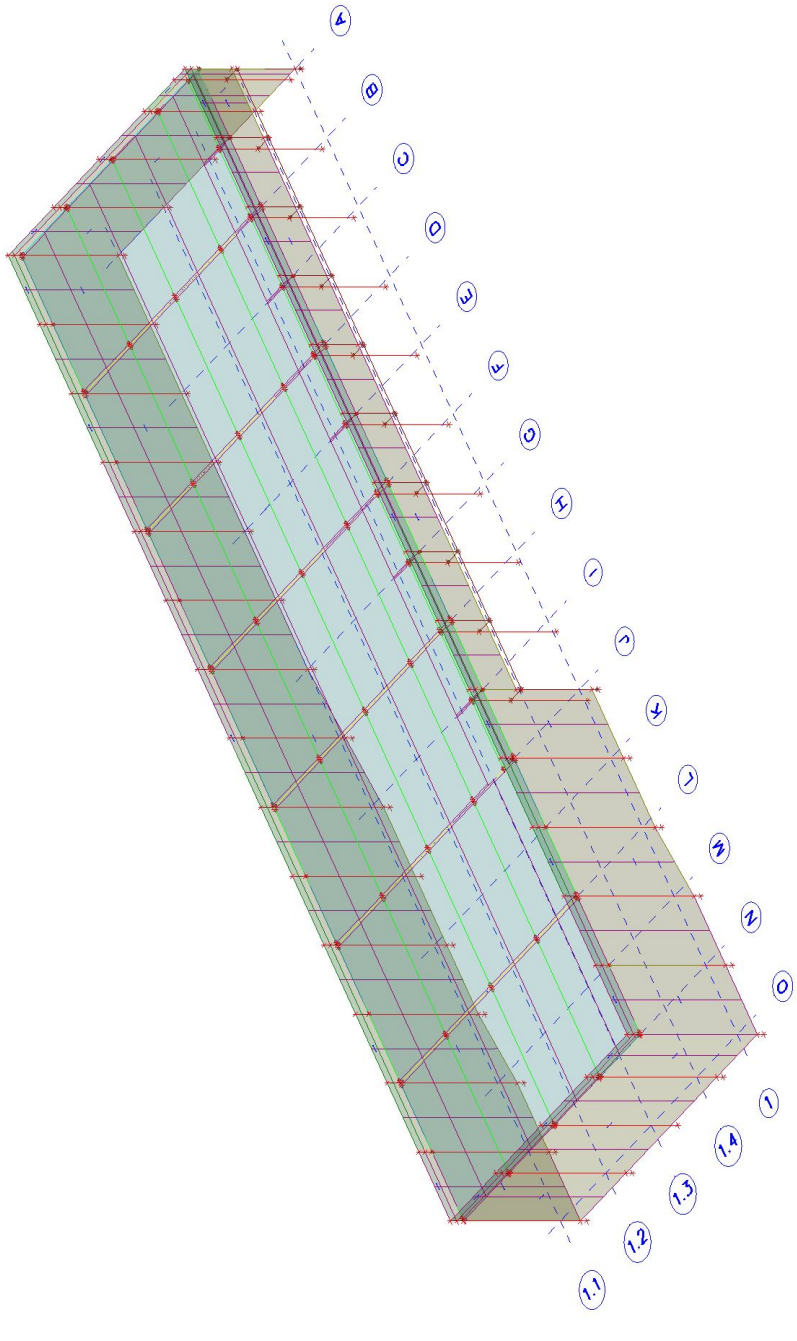
Vysvetlivky symbolov	
$W_{el.z}$	Pružný prierezový modul k hlavnej osi z
$W_{pl.y}$	Plastický prierezový modul k hlavnej osi y
$W_{pl.z}$	Plastický prierezový modul k hlavnej osi z
$M_{pl.y.+}$	Plastický moment k hlavnej osi y pre kladný moment My
$M_{pl.y.-}$	Plastický moment k hlavnej osi y pre záporný moment My
$M_{pl.z.+}$	Plastický moment k hlavnej osi z pre kladný moment Mz
$M_{pl.z.-}$	Plastický moment k hlavnej osi z pre záporný moment Mz
d_y	Súradnica stredu šmyku v hlavnom smere y meraná od ťažiska - Nevypočítané ale zjednodušené
d_z	Súradnica stredu šmyku v hlavnom smere z meraná od ťažiska - Nevypočítané ale zjednodušené
I_t	Konštanta krútenia - Nevypočítané ale zjednodušené
I_w	Konštanta deplanácie - Nevypočítané ale zjednodušené
β_y	Konštanta monosymetrie k hlavnej osi y
β_z	Konštanta monosymetrie k hlavnej osi z

4. Zaťažovacie stavy

4.1. Zaťažovacie stavy - LC1

Názov	Popis	Typ pôsobenia	Zaťažovacia skupina	Smer
	Spec	Typ zaťaženia		
LC1	vlastná tiaž (self weight)	Stále	LG1	-Z
		Vlastná tiaž		

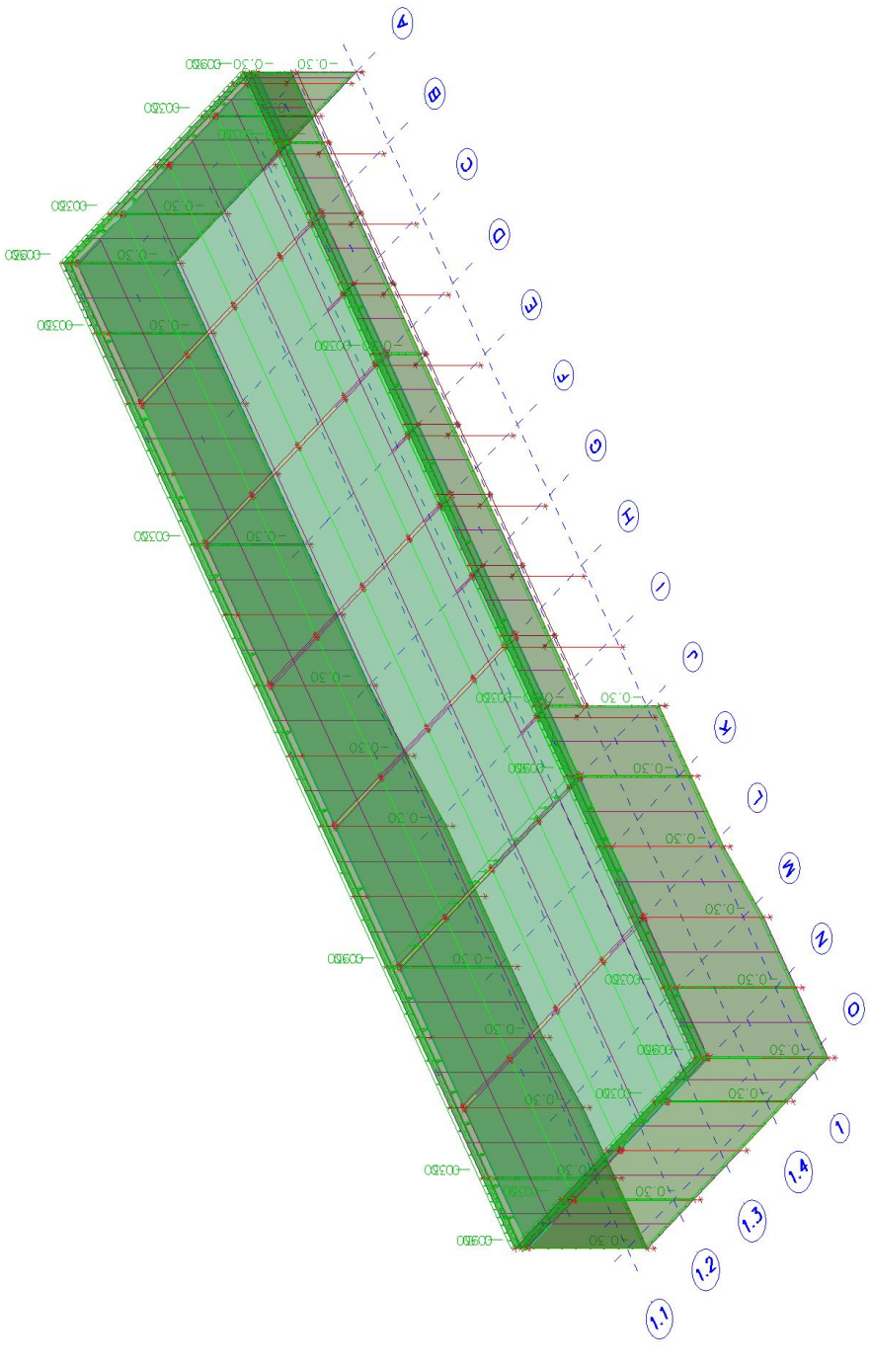
4.1.1. Loads



4.2. Zaťažovacie stavy - LC2

Názov	Popis	Typ pôsobenia	Zaťažovacia skupina
	Spec	Typ zaťaženia	
LC2	stále zaťaženie(Dead load)	Stále	LG1
		Štandard	

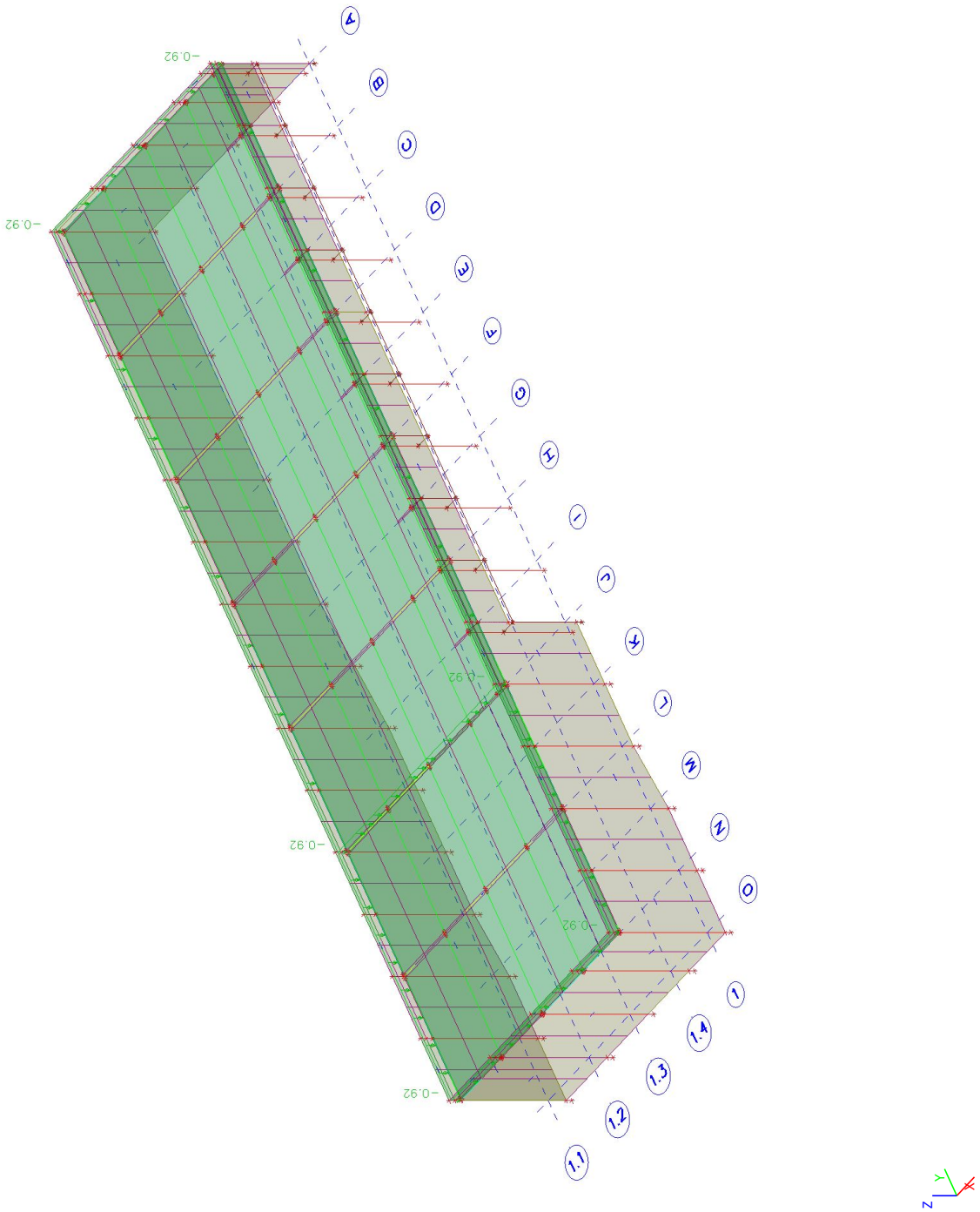
4.2.1. Loads



4.3. Zaťažovacie stavy - LC3

Názov	Popis	Typ pôsobenia	Zaťažovacia skupina	Dĺžka trvania	Vzorový zaťažovací stav
	Spec	Typ zaťaženia			
LC3	sneh(snow)	Premenné	LG2	Krátkodobé	Žiadny
	Štandard	Statické			

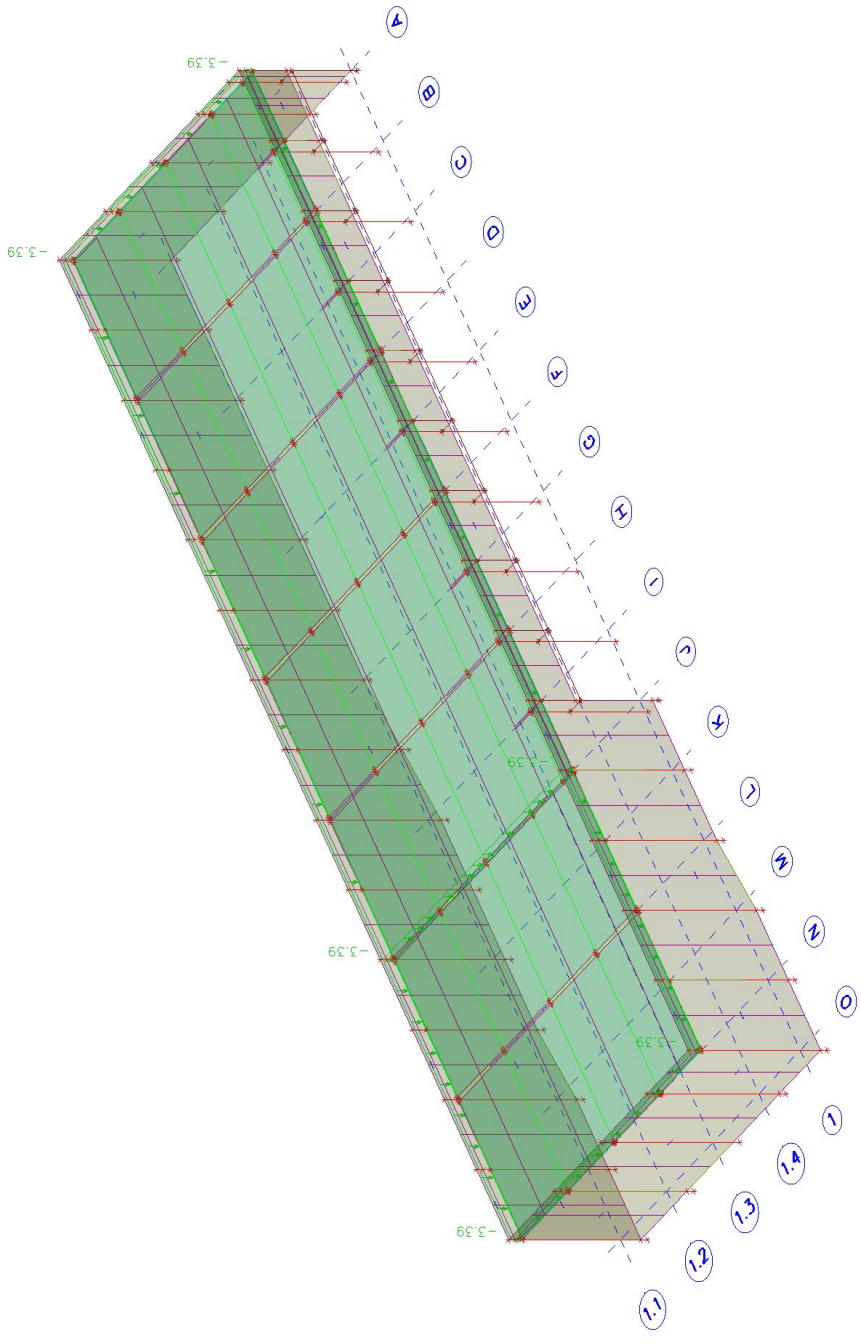
4.3.1. Loads



4.4. Zaťažovacie stavy - LC4

Názov	Popis	Typ pôsobenia	Zaťažovacia skupina	Dĺžka trvania	Vzorový zaťažovací stav
	Spec	Typ zaťaženia			
LC4	mimoriadny sneh(extreme snow)	Premenné	LG3	Krátkodobé	Žiadny
	Štandard	Statické			

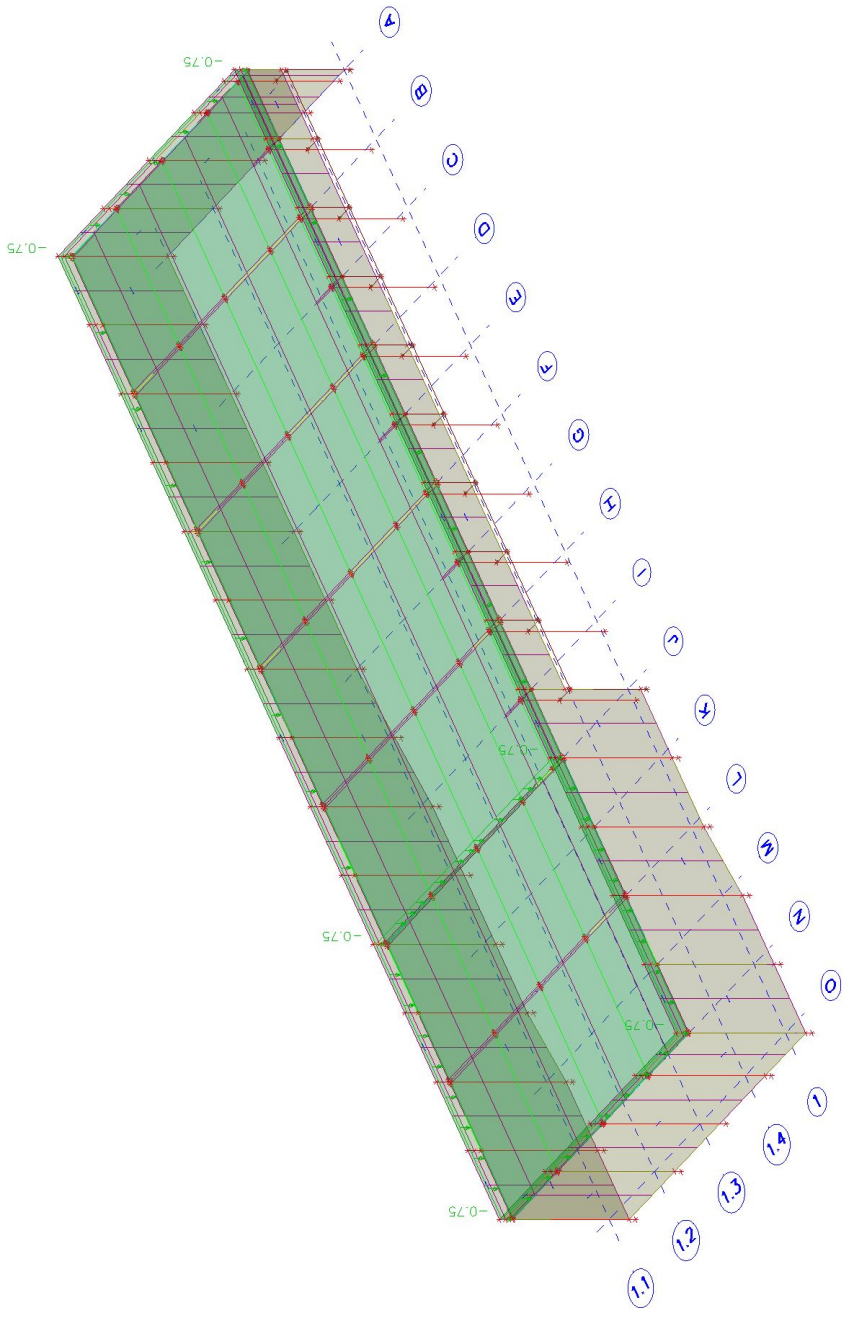
4.4.1. Loads



4.5. Zaťažovacie stavy - LC5

Názov	Popis	Typ pôsobenia	Zaťažovacia skupina	Dĺžka trvania	Vzorový zaťažovací stav
	Spec	Typ zaťaženia			
LC5	premenné zaťaženie(variable load)	Premenné	LG4	Krátkodobé	Žiadny
	Štandard	Statické			

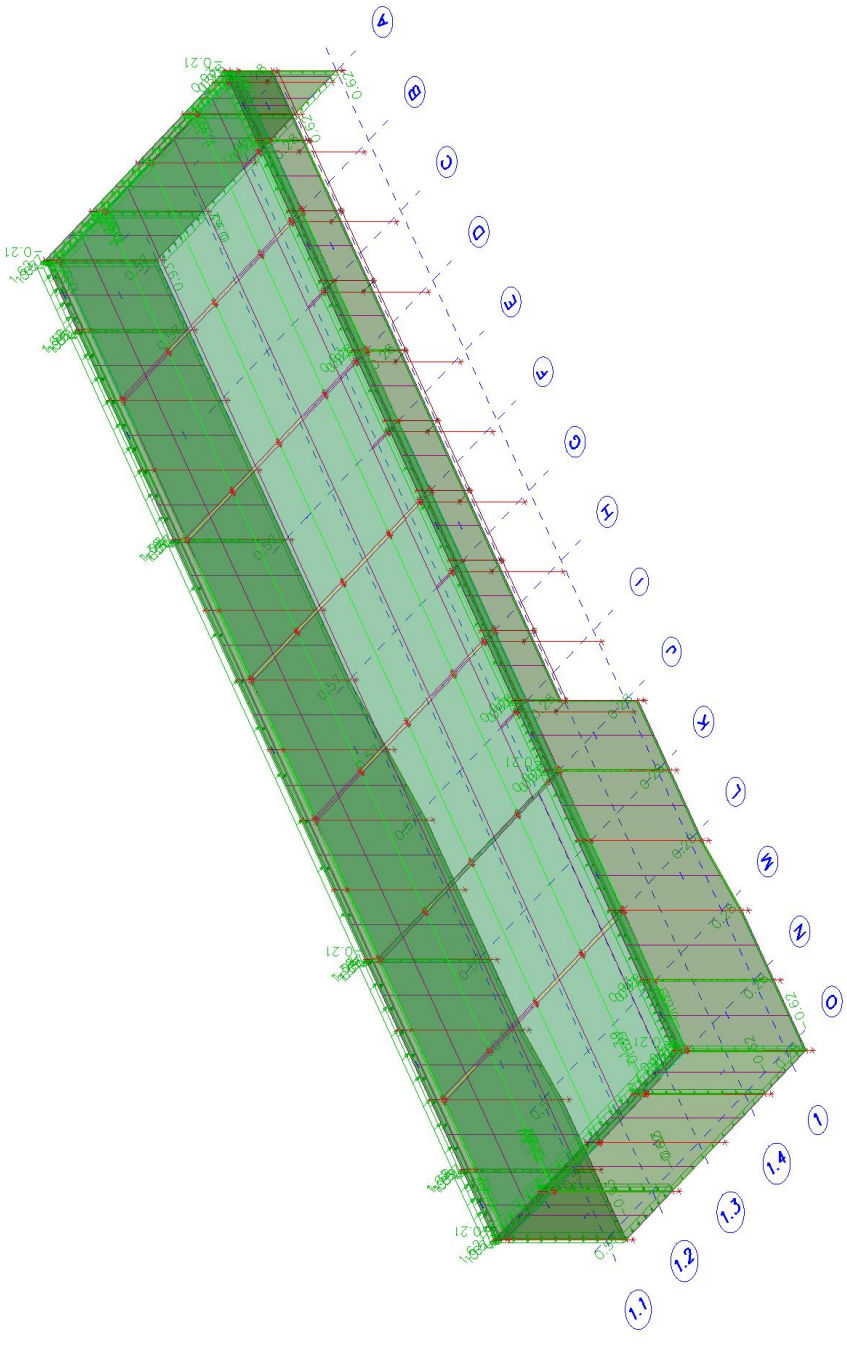
4.5.1. Loads



4.6. Zaťažovacie stavy - LC6

Názov	Popis	Typ pôsobenia	Zaťažovacia skupina	Dĺžka trvania	Vzorový zaťažovací stav
	Spec	Typ zaťaženia			
LC6	vietor X+(wind X+) kat.III	Premenné	LG5	Krátkodobé	Žiadny
	Štandard	Statické			

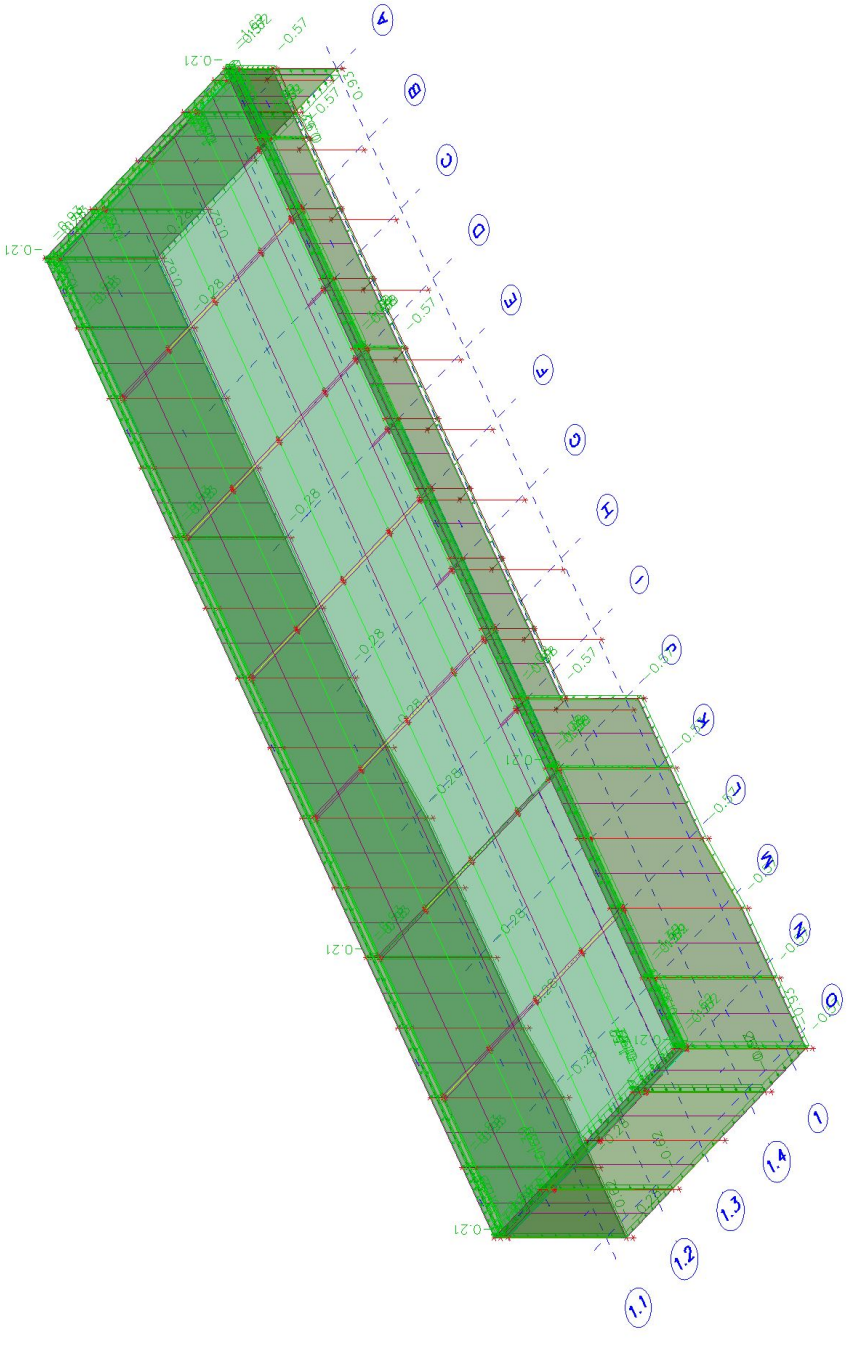
4.6.1. Loads



4.7. Zaťažovacie stavy - LC7

Názov	Popis	Typ pôsobenia	Zaťažovacia skupina	Dĺžka trvania	Vzorový zaťažovací stav
	Spec	Typ zaťaženia			
LC7	vietor X-(wind X-) kat.III	Premenné	LG5	Krátkodobé	Žiadny
	Štandard	Statické			

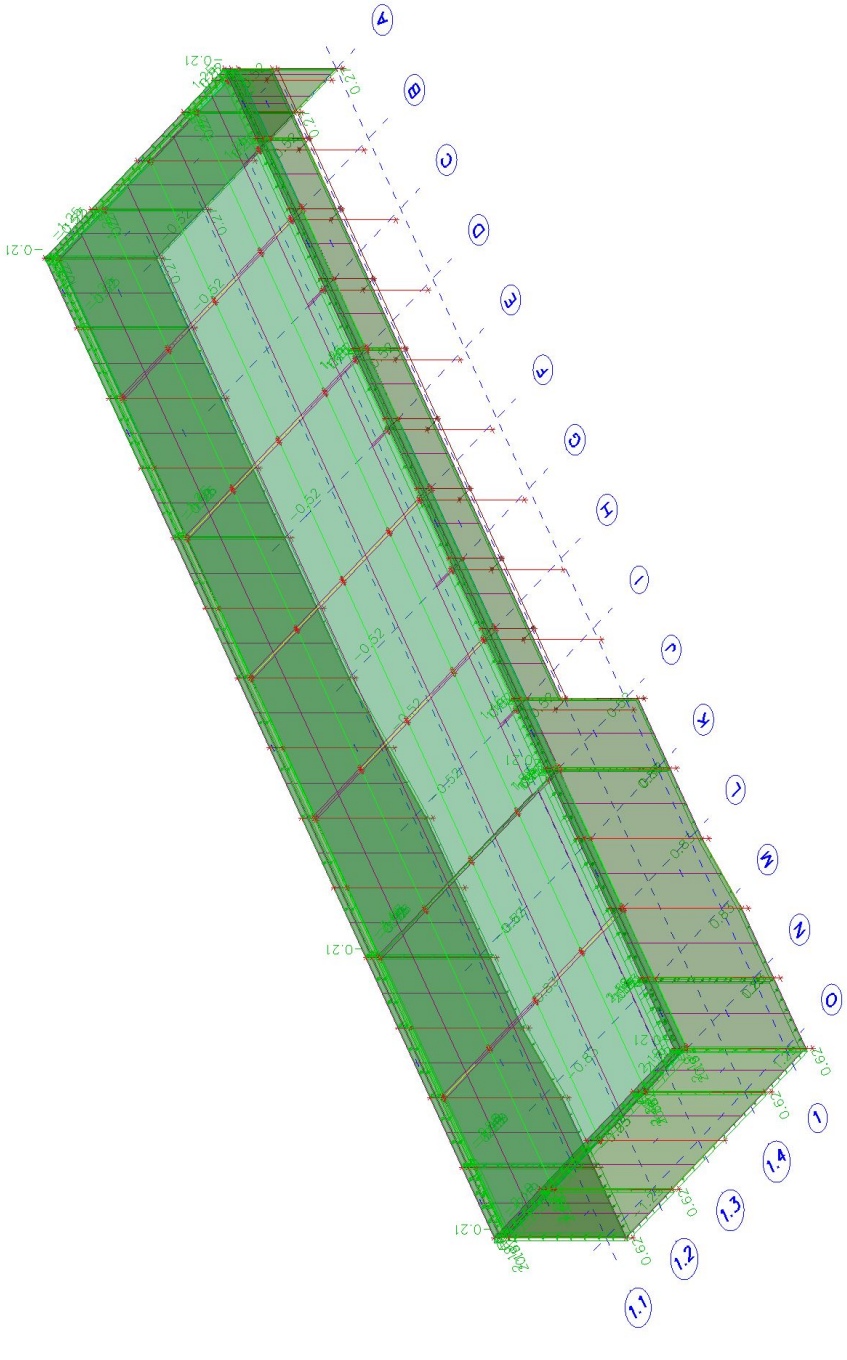
4.7.1. Loads



4.8. Zaťažovacie stavy - LC8

Názov	Popis	Typ pôsobenia	Zaťažovacia skupina	Dĺžka trvania	Vzorový zaťažovací stav
	Spec	Typ zaťaženia			
LC8	vietor Y+(wind Y+) kat.II	Premenné	LG5	Krátkodobé	Žiadny
	Štandard	Statické			

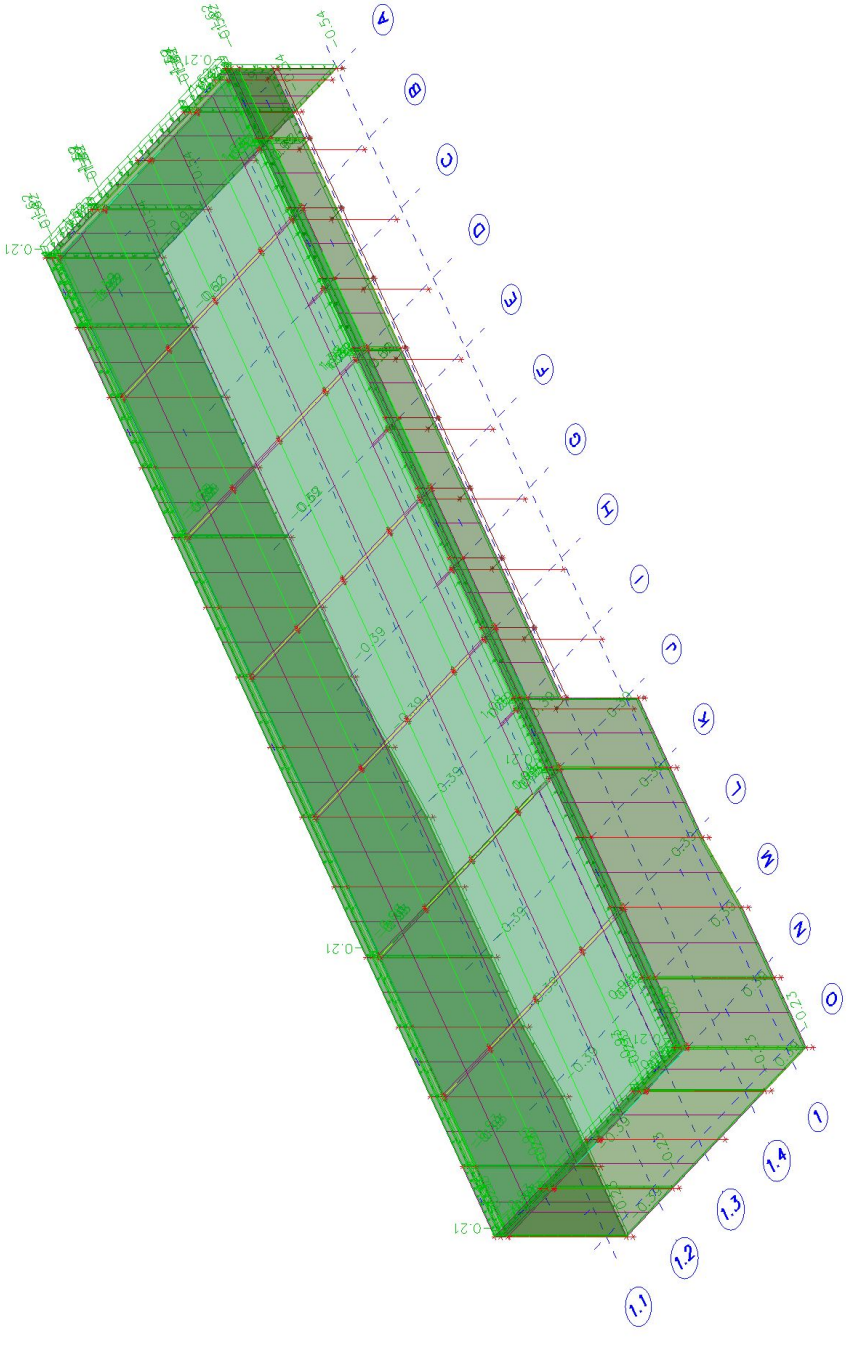
4.8.1. Loads



4.9. Zaťažovacie stavy - LC9

Názov	Popis	Typ pôsobenia	Zaťažovacia skupina	Dĺžka trvania	Vzorový zaťažovací stav
	Spec	Typ zaťaženia			
LC9	vietor Y-(wind Y-) kat.III	Premenné	LG5	Krátkodobé	Žiadny
	Štandard	Statické			

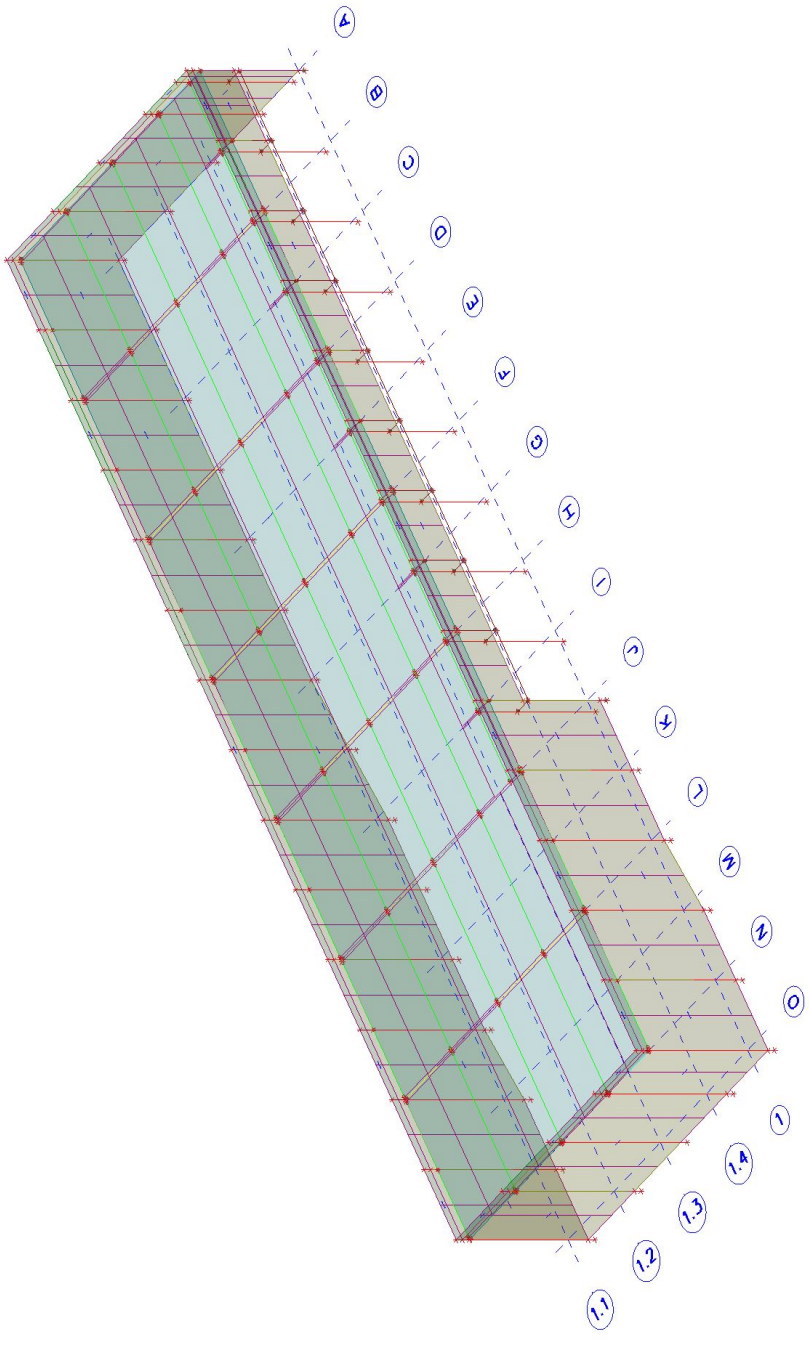
4.9.1. Loads



4.10. Zaťažovacie stavy - LC10

Názov	Popis	Typ pôsobenia	Zaťažovacia skupina	Vzorový zaťažovací stav
	Spec	Typ zaťaženia		
LC10	Seizmicita X(Seismicity X)	Premenné	LG6	Žiadny
	Seizmicita	Dynamické		

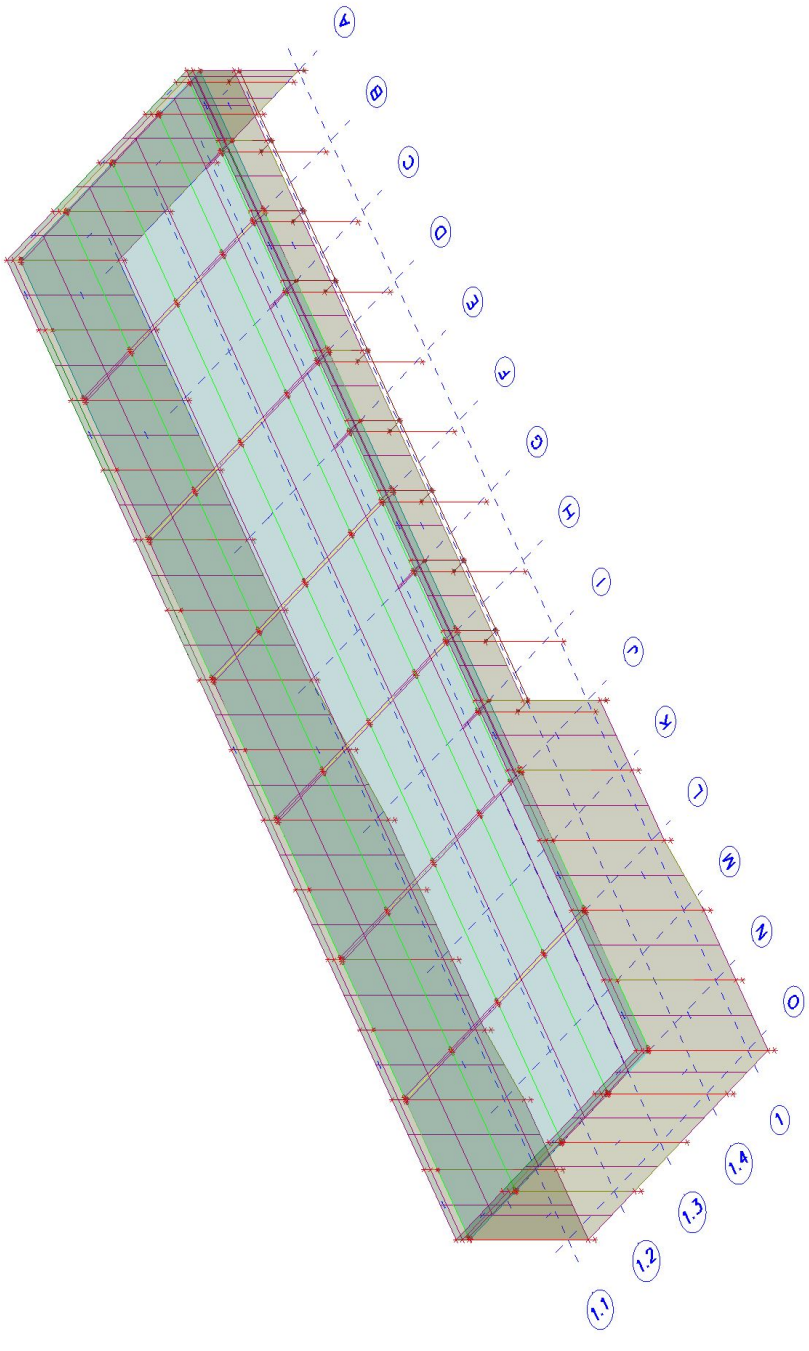
4.10.1. Loads



4.11. Zaťažovacie stavy - LC11

Názov	Popis	Typ pôsobenia	Zaťažovacia skupina	Vzorový zaťažovací stav
	Spec	Typ zaťaženia		
LC11	Seizmicita Y(Seismicity Y)	Premenné	LG6	Žiadny
	Seizmicita	Dynamické		

4.11.1. Loads



5. Zaťažovacie skupiny

Názov	Zaťaženie	Špecifikácia	Typ
LG1	Stále		
LG2	Premenné	Výberová	Sneh
LG3	Mimoriadne	Výberová	
LG4	Premenné	Výberová	Kat H : strechy
LG5	Premenné	Výberová	Vietor
LG6	Seizmicita	Spolu	
LG7	Premenné	Výberová	Kat E : sklady
LG8	Stále		
LG9	Premenné	Výberová	Sneh
LG10	Mimoriadne	Výberová	

6. Kombinácie

Názov	Popis	Typ	Zaťažovacie stavy	Súč. [-]
CO1	MSU(ULS)	EN-MSÚ (STR/GEO) Sada B	LC1 - vlastná tiaž (self weight)	1.00
			LC2 - stále zaťaženie(Dead load)	1.00
			LC3 - sneh(snow)	1.00
			LC5 - premenné zaťaženie(variable load)	1.00
			LC6 - vietor X+(wind X+) kat.III	1.00
			LC7 - vietor X-(wind X-) kat.III	1.00
			LC8 - vietor Y+(wind Y+) kat.II	1.00
			LC9 - vietor Y-(wind Y-) kat.III	1.00
CO2	MSP(SLS)	EN-MSP charakteristická	LC1 - vlastná tiaž (self weight)	1.00
			LC2 - stále zaťaženie(Dead load)	1.00
			LC3 - sneh(snow)	1.00
			LC5 - premenné zaťaženie(variable load)	1.00
			LC6 - vietor X+(wind X+) kat.III	1.00
			LC7 - vietor X-(wind X-) kat.III	1.00
			LC8 - vietor Y+(wind Y+) kat.II	1.00
			LC9 - vietor Y-(wind Y-) kat.III	1.00
CO3	mimoriadny sneh(extreme snow)	EN-Mimoriadne 1	LC1 - vlastná tiaž (self weight)	1.00
			LC2 - stále zaťaženie(Dead load)	1.00
			LC4 - mimoriadny sneh(extreme snow)	1.00
			LC5 - premenné zaťaženie(variable load)	1.00
			LC6 - vietor X+(wind X+) kat.III	1.00
			LC7 - vietor X-(wind X-) kat.III	1.00
			LC8 - vietor Y+(wind Y+) kat.II	1.00
			LC9 - vietor Y-(wind Y-) kat.III	1.00
CO4	Seizmicita X(Seismicity X)	EN-Seizmické	LC1 - vlastná tiaž (self weight)	1.00
			LC2 - stále zaťaženie(Dead load)	1.00

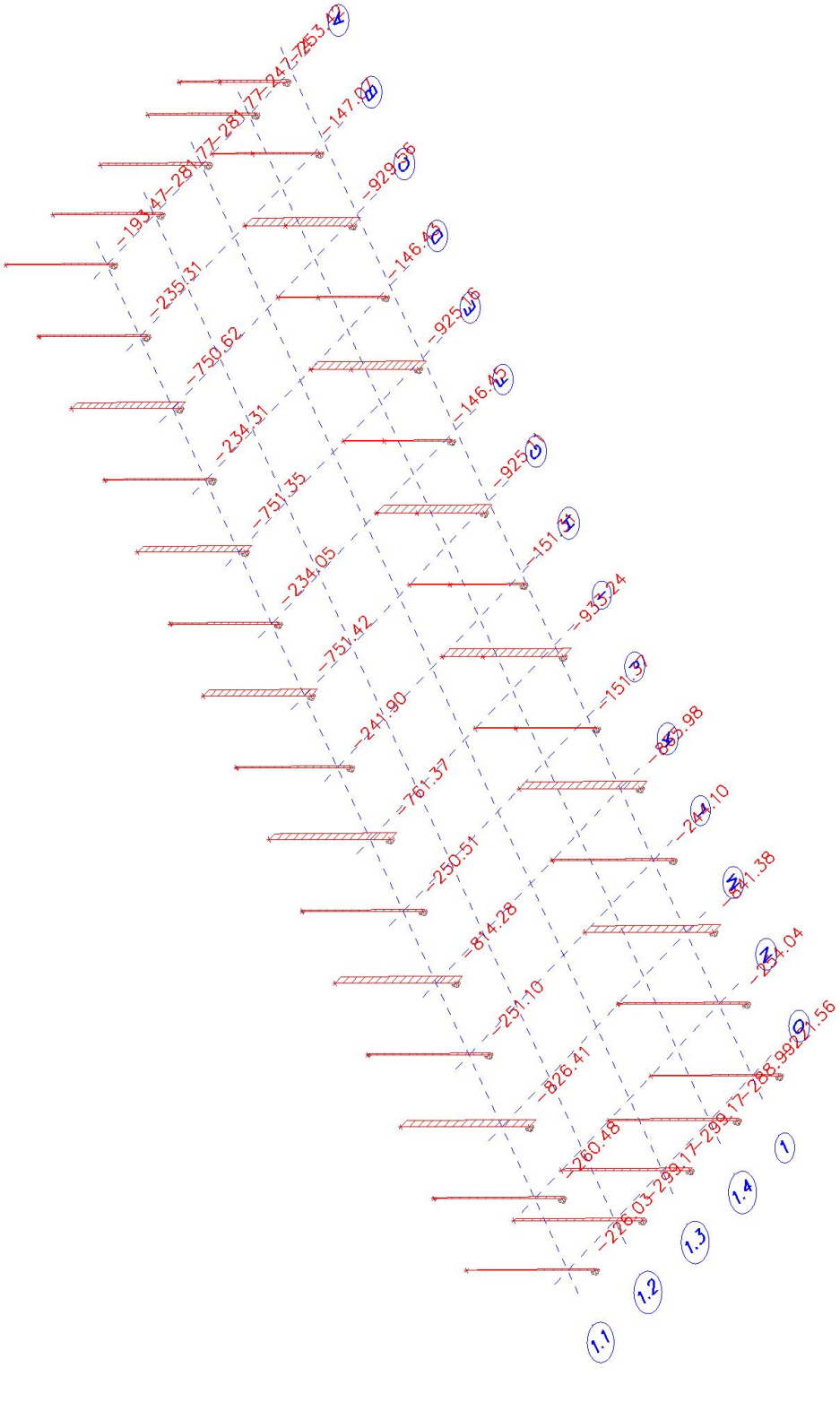
Názov	Popis	Typ	Zaťažovacie stavy	Súč. [-]
			LC3 - sneh(snow)	1.00
			LC5 - premenné zaťaženie(variable load)	1.00
			LC10 - Seizmicita X(Seismicity X)	1.00
			LC11 - Seizmicita Y(Seismicity Y)	0.30
CO5	Seizmicita Y(Seismicity Y)	EN-Seizmické	LC1 - vlastná tiaž (self weight)	1.00
			LC2 - stále zaťaženie(Dead load)	1.00
			LC3 - sneh(snow)	1.00
			LC5 - premenné zaťaženie(variable load)	1.00
			LC10 - Seizmicita X(Seismicity X)	0.30
			LC11 - Seizmicita Y(Seismicity Y)	1.00
CO6	g+vlt(self weight+perpetually load)	EN-MSP charakteristická	LC1 - vlastná tiaž (self weight)	1.00
			LC2 - stále zaťaženie(Dead load)	1.00
CO7	Seizmicita X(Seismicity X)-rib	EN-Seizmické		
CO8	Seizmicita Y(Seismicity Y)-rib	EN-Seizmické		

7. Skupiny výsledkov

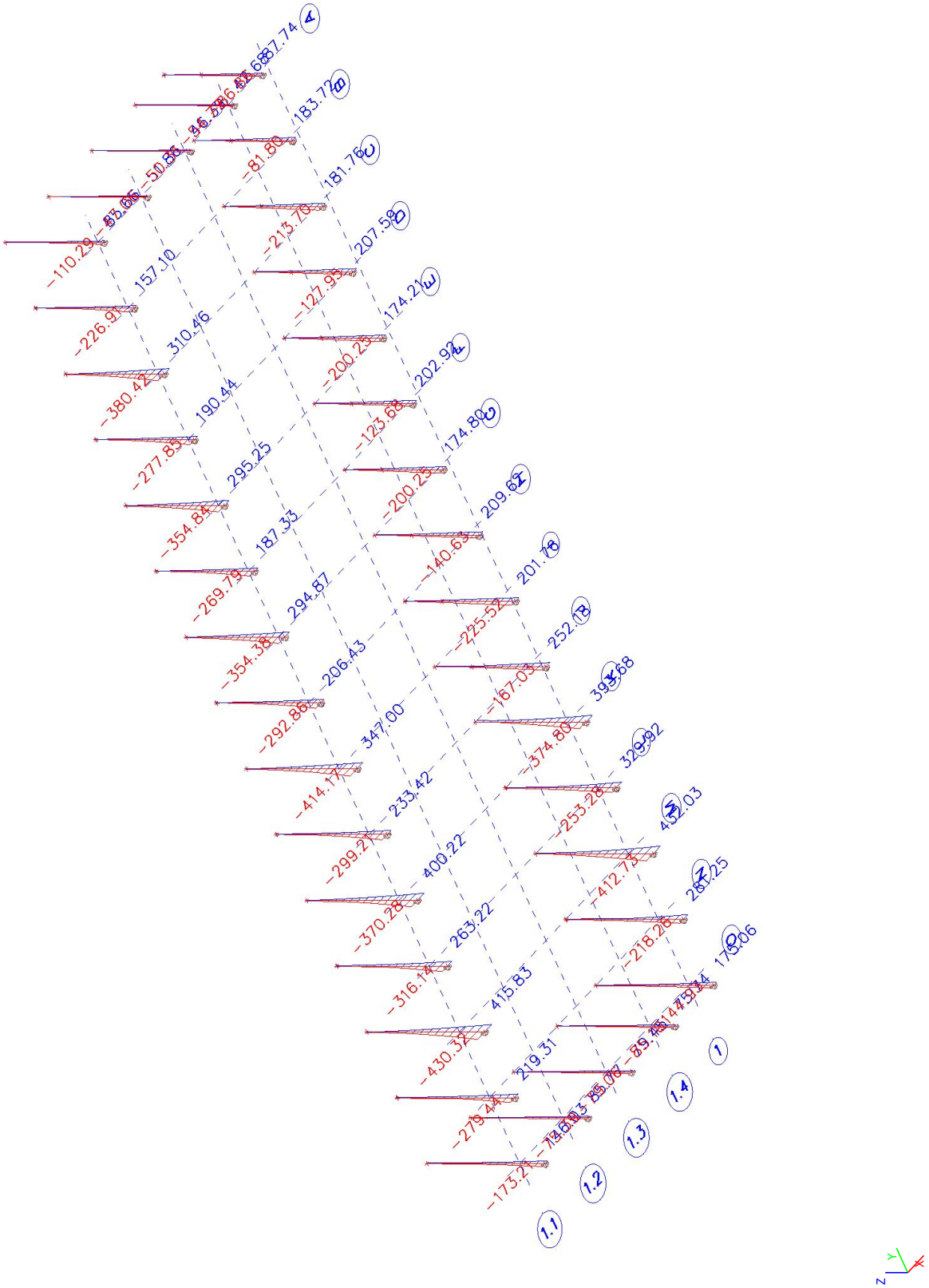
Názov	Výpis
MSU(ULS)	CO1 - EN-MSÚ (STR/GEO) Sada B
	CO3 - EN-Mimoriadne 1
MSP(SLS)	CO2 - EN-MSP charakteristická
Seizmicita (Seismicity)	CO4 - EN-Seizmické
	CO5 - EN-Seizmické

8. Columns (stĺpy)

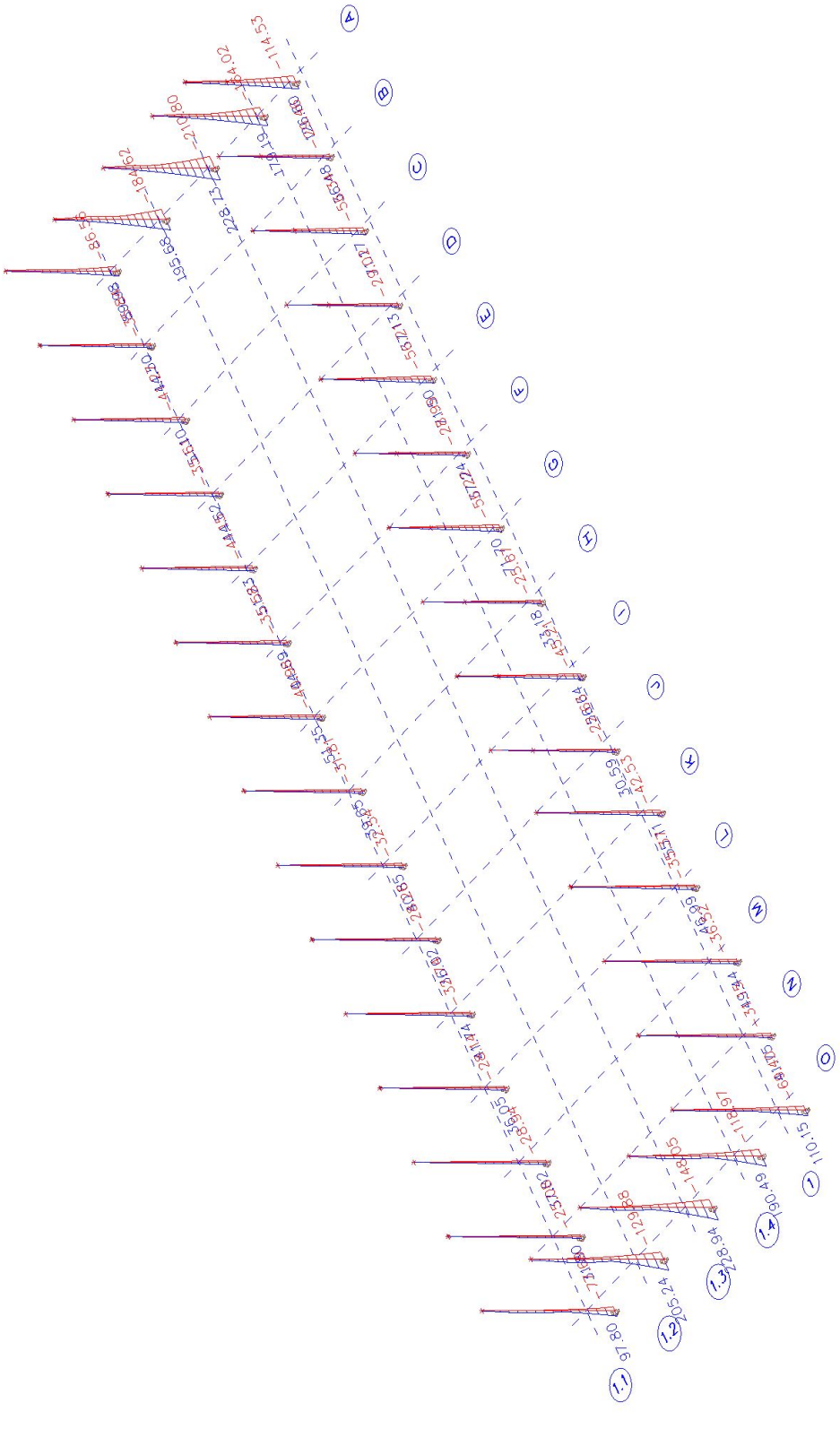
8.1. Internal forces; N



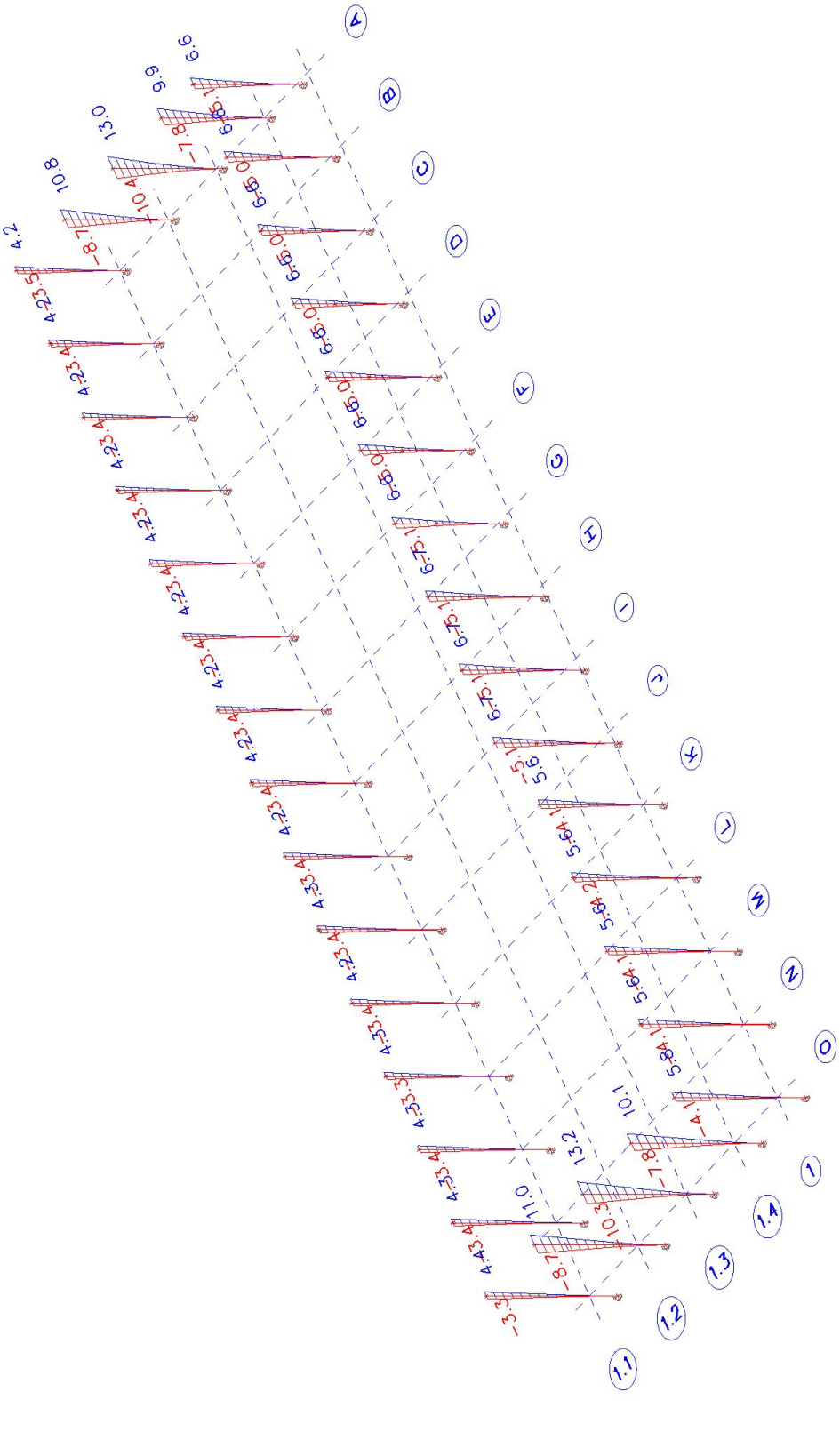
8.2. Internal forces; My



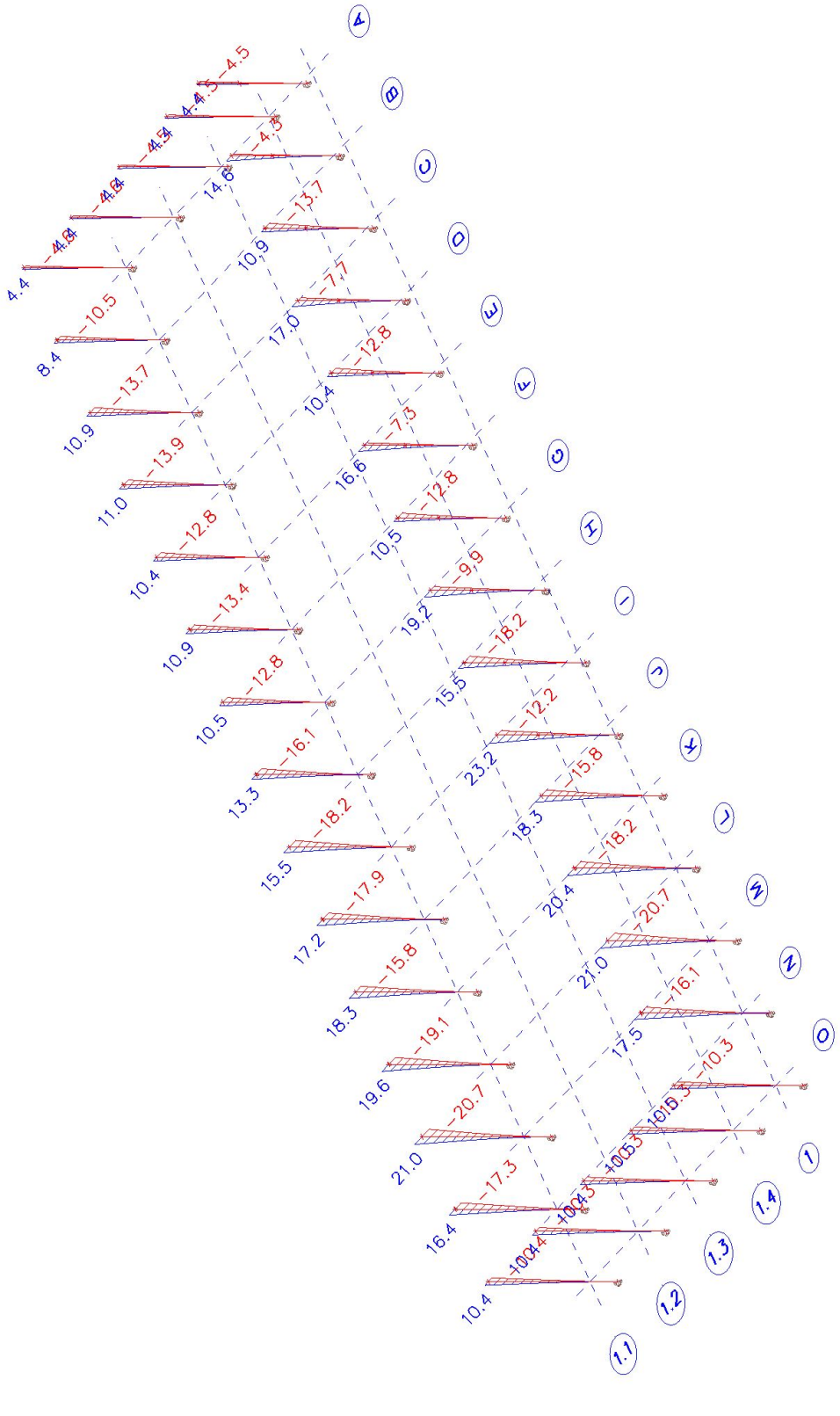
8.3. Internal forces;; Mz



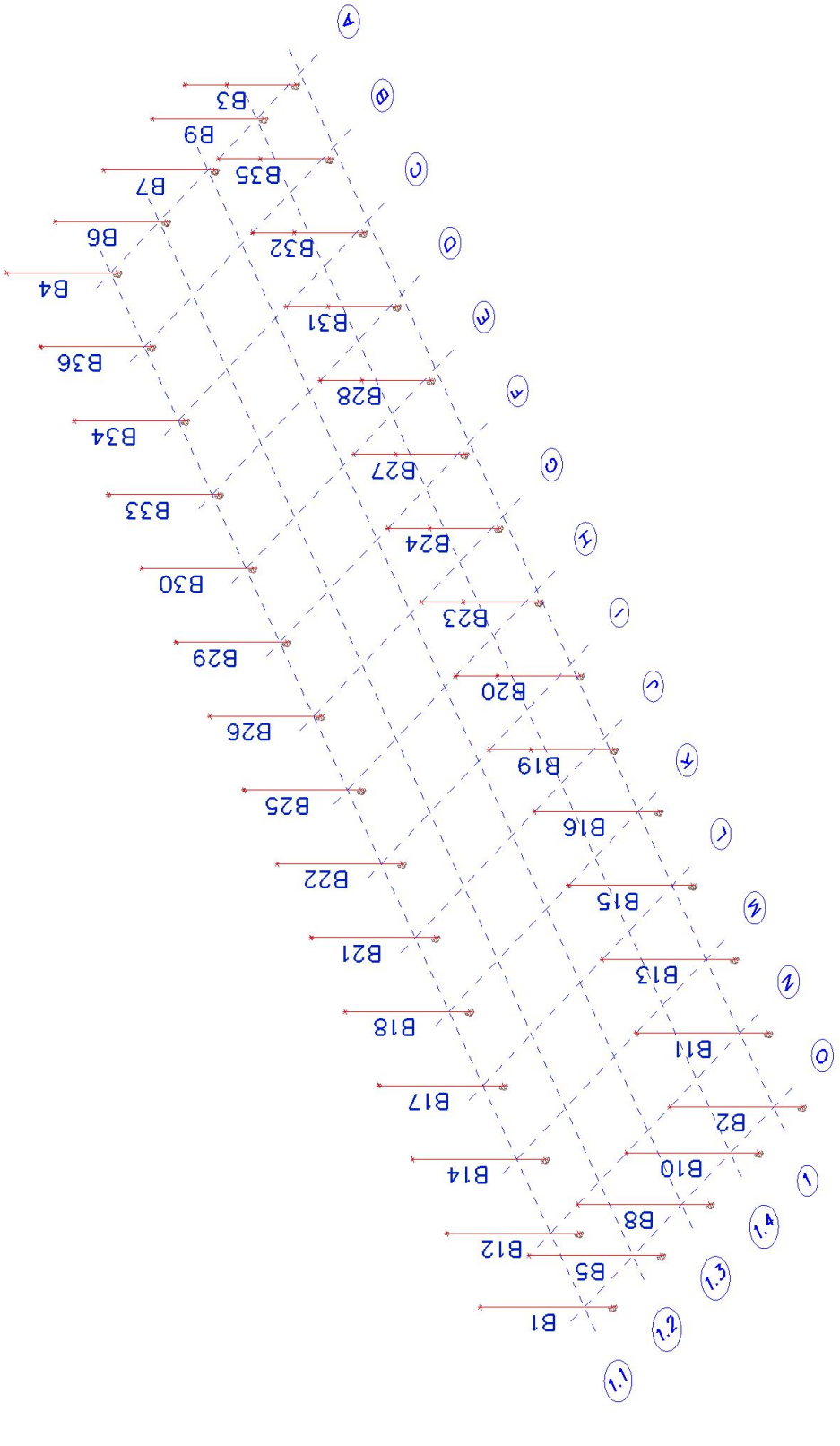
8.4. Deformation; uy



8.5. Deformation; uz



8.6. Name columns



8.7. Internal forces; on columns

Lineárny výpočet, Extrém : Prvok, Systém : Hlavné
Výber : Všetko
Skupiny výsledkov : MSU(ULS)
Hladina : stĺpy

Prvok	css	dx [m]	Stav	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
B1	S1 - Obdĺžnik	0.000	CO1/1	**-226.03**	-21.67	-35.06	**-22.28**	87.85	96.75
B1	S1 - Obdĺžnik	11.700	CO1/2	**-25.24**	-18.13	-1.21	11.73	-10.88	-3.04
B1	S1 - Obdĺžnik	0.000	CO1/3	-166.28	**-21.93**	**-35.50**	-21.96	89.20	**97.80**
B1	S1 - Obdĺžnik	0.000	CO1/4	-208.27	**28.59**	**27.70**	11.41	**-173.21**	**-77.69**
B1	S1 - Obdĺžnik	0.000	CO1/2	-148.52	28.33	27.26	**11.73**	-171.86	-76.64
B1	S1 - Obdĺžnik	0.000	CO1/5	-154.02	18.98	-17.59	2.79	**146.03**	-51.41
B2	S1 - Obdĺžnik	0.000	CO1/1	**-221.56**	-21.34	34.95	**21.35**	-85.96	109.65
B2	S1 - Obdĺžnik	11.700	CO1/5	**-23.50**	-16.13	1.14	-11.03	11.16	-2.42
B2	S1 - Obdĺžnik	0.000	CO1/3	-163.46	**-21.53**	**35.43**	21.04	-88.12	110.09
B2	S1 - Obdĺžnik	0.000	CO1/6	-203.81	**25.57**	**-27.81**	-10.72	**175.06**	-69.34
B2	S1 - Obdĺžnik	0.000	CO1/5	-145.71	25.37	-27.33	**-11.03**	172.90	-68.91
B2	S1 - Obdĺžnik	0.000	CO1/2	-151.20	17.02	17.52	-2.29	**-144.93**	-46.28
B2	S1 - Obdĺžnik	0.000	CO1/7	-151.90	25.51	-27.59	-10.86	174.09	**-69.40**
B2	S1 - Obdĺžnik	0.000	CO1/8	-215.37	-21.48	35.21	21.18	-87.15	**110.15**
B3	S1 - Obdĺžnik	0.000	CO1/9	**-253.42**	11.98	0.48	-13.41	9.50	-67.50
B3	S1 - Obdĺžnik	9.800	CO1/5	**-78.84**	14.84	-5.82	-0.26	0.00	4.72
B3	S1 - Obdĺžnik	0.000	CO1/7	-183.90	**-19.72**	-10.71	-0.32	87.52	37.74
B3	S1 - Obdĺžnik	0.000	CO1/10	-240.56	**20.24**	1.35	-21.99	11.24	-114.34
B3	S1 - Obdĺžnik	0.000	CO1/6	-244.56	-19.68	**-10.76**	-0.40	**87.74**	37.94
B3	S1 - Obdĺžnik	0.000	CO1/2	-179.34	-12.75	**9.67**	-0.62	**-86.86**	23.11
B3	S1 - Obdĺžnik	0.000	CO1/11	-251.41	20.08	1.18	**-22.05**	12.93	-113.77
B3	S1 - Obdĺžnik	0.000	CO1/3	-179.58	-16.18	0.38	**25.45**	9.69	125.84
B3	S1 - Obdĺžnik	0.000	CO1/12	-179.90	20.20	1.40	-21.91	11.02	**-114.53**
B3	S1 - Obdĺžnik	0.000	CO1/1	-251.08	-16.30	0.16	25.30	11.60	**126.60**
B4	S1 - Obdĺžnik	0.000	CO1/11	**-193.47**	17.95	-22.84	**13.55**	67.87	-85.75
B4	S1 - Obdĺžnik	9.800	CO1/2	**-26.34**	16.24	-2.53	-10.68	-11.78	2.73
B4	S1 - Obdĺžnik	0.000	CO1/4	-182.20	**-22.55**	**21.40**	-10.35	-109.55	44.57
B4	S1 - Obdĺžnik	0.000	CO1/12	-140.70	**18.24**	**-23.17**	13.22	67.72	**-86.56**
B4	S1 - Obdĺžnik	0.000	CO1/2	-129.42	-22.26	21.07	**-10.68**	-109.70	43.76
B4	S1 - Obdĺžnik	0.000	CO1/13	-175.23	-22.36	21.28	-10.51	**-110.29**	44.06
B4	S1 - Obdĺžnik	0.000	CO1/7	-140.99	-15.05	-12.30	-1.85	**85.66**	29.16
B4	S1 - Obdĺžnik	0.000	CO1/1	-191.24	-14.34	-12.04	7.28	36.91	**89.98**
B5	S2 - Obdĺžnik	0.000	CO3/14	**-299.17**	8.12	-1.14	0.23	-1.81	-24.30
B5	S2 - Obdĺžnik	11.700	CO1/15	**-70.02**	0.35	-0.83	0.17	-6.29	2.69
B5	S2 - Obdĺžnik	0.000	CO1/3	-187.38	**-45.70**	-1.00	0.20	4.48	**205.24**
B5	S2 - Obdĺžnik	0.000	CO1/4	-283.65	**47.58**	5.55	-1.11	-72.68	-128.75
B5	S2 - Obdĺžnik	0.000	CO1/6	-283.65	38.26	**-8.73**	**1.75**	**85.77**	-104.43
B5	S2 - Obdĺžnik	0.000	CO1/2	-187.38	47.01	**6.20**	**-1.24**	**-75.39**	-126.49
B5	S2 - Obdĺžnik	0.000	CO1/11	-283.65	22.35	-1.61	0.32	6.85	**-129.88**
B6	S2 - Obdĺžnik	0.000	CO3/14	**-281.77**	-6.97	-1.50	-0.30	2.93	15.50
B6	S2 - Obdĺžnik	9.800	CO1/15	**-70.02**	-0.40	-0.73	-0.15	-4.66	-2.68
B6	S2 - Obdĺžnik	0.000	CO1/4	-260.16	**-37.22**	3.82	0.76	-44.18	71.29
B6	S2 - Obdĺžnik	0.000	CO1/12	-169.98	**38.68**	-2.39	-0.48	17.43	**-184.62**
B6	S2 - Obdĺžnik	0.000	CO1/6	-260.16	-29.76	**-6.44**	**-1.29**	**51.86**	56.13
B6	S2 - Obdĺžnik	0.000	CO1/2	-169.98	-36.58	**4.50**	**0.90**	**-47.06**	69.38
B6	S2 - Obdĺžnik	0.000	CO1/1	-260.16	-30.79	-2.43	-0.49	14.44	**195.68**
B7	S2 - Obdĺžnik	0.000	CO3/14	**-281.77**	-5.98	0.76	0.15	-4.39	13.44
B7	S2 - Obdĺžnik	9.800	CO1/15	**-70.02**	-0.43	0.16	0.03	1.18	-2.70
B7	S2 - Obdĺžnik	0.000	CO1/1	-260.16	**-34.22**	-0.68	-0.14	8.54	**228.73**
B7	S2 - Obdĺžnik	0.000	CO1/12	-169.98	**41.47**	-1.32	-0.26	13.64	**-210.80**
B7	S2 - Obdĺžnik	0.000	CO1/7	-204.62	-29.42	**-4.77**	**-0.95**	**46.39**	53.46
B7	S2 - Obdĺžnik	0.000	CO1/13	-225.51	-29.04	**5.55**	**1.11**	**-50.31**	52.12
B8	S2 - Obdĺžnik	0.000	CO3/14	**-299.17**	6.92	1.01	-0.20	-10.14	-21.26
B8	S2 - Obdĺžnik	11.700	CO1/15	**-70.02**	0.33	0.03	-0.01	0.42	2.71
B8	S2 - Obdĺžnik	0.000	CO1/3	-187.38	**-47.86**	0.04	-0.01	0.07	**228.94**
B8	S2 - Obdĺžnik	0.000	CO1/4	-283.65	**38.53**	**7.18**	**-1.44**	-78.94	-106.78
B8	S2 - Obdĺžnik	0.000	CO1/5	-187.38	37.94	**-7.11**	**1.42**	79.32	-104.28
B8	S2 - Obdĺžnik	0.000	CO1/2	-187.38	37.96	7.17	-1.43	**-79.06**	-104.57
B8	S2 - Obdĺžnik	0.000	CO1/6	-283.65	38.50	-7.09	1.42	**79.45**	-106.48

Prvok	css	dx [m]	Stav	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
B8	S2 - Obdĺžnik	0.000	CO1/11	-283.65	23.94	0.05	-0.01	0.26	**-148.05**
B9	S2 - Obdĺžnik	0.000	CO3/16	**-247.74**	-5.69	1.42	0.21	1.83	13.51
B9	S2 - Obdĺžnik	9.800	CO1/15	**-56.70**	-0.54	1.03	0.11	6.89	-3.07
B9	S2 - Obdĺžnik	0.000	CO1/6	-234.98	**-29.58**	-3.15	-0.36	41.25	57.09
B9	S2 - Obdĺžnik	0.000	CO1/12	-149.53	**33.47**	-0.24	**-2.04**	9.73	**-164.02**
B9	S2 - Obdĺžnik	0.000	CO1/5	-155.60	-29.00	**-3.81**	-0.45	**42.68**	55.10
B9	S2 - Obdĺžnik	0.000	CO1/4	-229.17	-24.71	**7.14**	**1.32**	**-54.77**	46.98
B9	S2 - Obdĺžnik	0.000	CO1/1	-229.37	-27.90	0.99	-0.65	2.86	**179.19**
B10	S2 - Obdĺžnik	0.000	CO3/14	**-288.99**	6.45	3.09	-0.62	-18.24	-19.06
B10	S2 - Obdĺžnik	11.700	CO1/15	**-67.47**	0.30	0.87	-0.17	6.97	2.66
B10	S2 - Obdĺžnik	0.000	CO1/3	-183.16	**-42.85**	1.04	-0.21	-4.25	**190.49**
B10	S2 - Obdĺžnik	0.000	CO1/6	-276.32	**44.40**	-5.51	1.10	73.36	-118.85
B10	S2 - Obdĺžnik	0.000	CO1/5	-183.16	43.88	**-6.17**	**1.23**	**75.74**	-116.97
B10	S2 - Obdĺžnik	0.000	CO1/4	-276.32	36.11	**8.78**	**-1.76**	**-85.10**	-97.58
B10	S2 - Obdĺžnik	0.000	CO1/11	-276.32	20.78	1.66	-0.33	-6.16	**-118.97**
B11	S3 - Obdĺžnik	0.000	CO1/17	**-254.04**	0.20	-32.35	-11.85	172.20	-2.35
B11	S3 - Obdĺžnik	11.700	CO1/3	**-35.37**	-3.55	-36.60	-0.79	-7.48	0.00
B11	S3 - Obdĺžnik	0.000	CO1/1	-216.68	**-3.57**	66.45	-0.87	-215.31	**41.75**
B11	S3 - Obdĺžnik	0.000	CO1/12	-157.44	**2.66**	24.43	-0.21	-79.71	**-31.15**
B11	S3 - Obdĺžnik	0.000	CO1/6	-252.17	0.39	**-52.24**	**-19.61**	**281.25**	-4.56
B11	S3 - Obdĺžnik	0.000	CO1/3	-141.44	-3.55	**67.30**	-0.79	**-218.26**	41.49
B11	S3 - Obdĺžnik	0.000	CO1/2	-165.94	0.08	29.53	**19.70**	-206.74	-0.89
B12	S3 - Obdĺžnik	0.000	CO1/18	**-260.48**	0.26	32.33	11.52	-170.23	-3.10
B12	S3 - Obdĺžnik	11.700	CO1/3	**-38.17**	-2.72	36.57	0.62	8.26	0.00
B12	S3 - Obdĺžnik	0.000	CO1/3	-144.23	**-2.72**	**-67.32**	0.62	**219.31**	**31.80**
B12	S3 - Obdĺžnik	0.000	CO1/11	-238.45	**2.14**	-23.61	-0.02	78.70	**-25.08**
B12	S3 - Obdĺžnik	0.000	CO1/4	-257.95	0.44	**52.22**	19.30	**-279.44**	-5.09
B12	S3 - Obdĺžnik	0.000	CO1/6	-246.96	0.09	-28.70	**-19.92**	205.61	-1.09
B12	S3 - Obdĺžnik	0.000	CO1/2	-179.75	0.43	51.37	**19.36**	-277.29	-5.05
B13	S4 - Obdĺžnik	0.000	CO3/19	**-841.38**	-0.69	11.11	-0.25	-31.56	7.52
B13	S4 - Obdĺžnik	11.700	CO1/15	**-302.79**	-0.08	2.02	-0.04	16.64	-0.15
B13	S4 - Obdĺžnik	0.000	CO1/1	-749.44	**-4.36**	49.87	**-1.47**	-126.06	**49.44**
B13	S4 - Obdĺžnik	0.000	CO1/12	-471.13	**3.15**	23.91	0.00	-60.91	**-36.52**
B13	S4 - Obdĺžnik	0.000	CO1/5	-453.30	0.36	**-61.78**	**0.56**	**432.03**	-3.88
B13	S4 - Obdĺžnik	0.000	CO1/4	-726.87	0.14	**51.63**	-0.49	**-412.73**	-2.17
B14	S4 - Obdĺžnik	0.000	CO3/19	**-826.41**	-0.43	-10.92	0.04	36.43	4.84
B14	S4 - Obdĺžnik	11.700	CO1/15	**-296.28**	0.00	-1.95	0.02	-14.39	-0.05
B14	S4 - Obdĺžnik	0.000	CO1/1	-737.46	**-3.15**	-49.70	-0.12	129.25	36.99
B14	S4 - Obdĺžnik	0.000	CO1/12	-463.81	**2.41**	-23.81	1.18	62.66	-28.92
B14	S4 - Obdĺžnik	0.000	CO1/6	-714.94	0.19	**-51.48**	0.61	**415.83**	-2.76
B14	S4 - Obdĺžnik	0.000	CO1/2	-446.03	0.38	**61.85**	**-0.40**	**-430.32**	-4.15
B14	S4 - Obdĺžnik	0.000	CO1/11	-724.09	2.41	-25.29	**1.20**	69.25	**-28.94**
B14	S4 - Obdĺžnik	0.000	CO1/3	-477.18	-3.15	-48.22	-0.14	122.66	**37.02**
B15	S3 - Obdĺžnik	0.000	CO1/17	**-244.10**	0.12	-35.14	2.08	203.73	-1.33
B15	S3 - Obdĺžnik	11.000	CO1/3	**-41.66**	-4.25	-26.96	-1.86	-4.52	0.00
B15	S3 - Obdĺžnik	0.000	CO1/8	-195.99	**-4.27**	50.93	-2.28	-156.95	**46.99**
B15	S3 - Obdĺžnik	0.000	CO1/20	-171.05	**3.22**	22.90	-2.20	-68.21	**-35.37**
B15	S3 - Obdĺžnik	0.000	CO1/6	-240.61	0.25	**-56.72**	5.44	**329.92**	-2.79
B15	S3 - Obdĺžnik	0.000	CO1/3	-141.47	-4.25	**51.37**	-1.86	-159.12	46.76
B15	S3 - Obdĺžnik	0.000	CO1/4	-236.59	0.28	33.50	**-10.30**	-248.18	-3.11
B15	S3 - Obdĺžnik	0.000	CO1/5	-167.26	0.27	-55.78	**6.50**	324.82	-3.01
B15	S3 - Obdĺžnik	0.000	CO1/2	-163.23	0.30	34.44	-9.24	**-253.28**	-3.33
B16	S4 - Obdĺžnik	0.000	CO3/19	**-865.98**	-0.80	14.16	-0.85	-19.28	8.39
B16	S4 - Obdĺžnik	11.000	CO1/15	**-329.80**	0.30	4.02	-0.05	38.32	2.75
B16	S4 - Obdĺžnik	0.000	CO1/21	-610.40	**-5.11**	40.82	-2.80	-83.63	**55.11**
B16	S4 - Obdĺžnik	0.000	CO1/10	-641.69	**4.16**	25.91	-1.22	-51.93	**-42.53**
B16	S4 - Obdĺžnik	0.000	CO1/5	-478.72	0.75	**-57.01**	**5.92**	**393.68**	-5.12
B16	S4 - Obdĺžnik	0.000	CO1/4	-755.02	0.58	**53.63**	3.84	**-374.80**	-3.64
B16	S4 - Obdĺžnik	0.000	CO1/1	-765.43	-5.01	42.23	**-2.82**	-85.70	54.93
B17	S3 - Obdĺžnik	0.000	CO1/18	**-251.10**	0.16	33.97	-7.34	-186.98	-1.76
B17	S3 - Obdĺžnik	11.000	CO1/3	**-44.87**	-3.27	26.20	-1.66	6.93	0.00
B17	S3 - Obdĺžnik	0.000	CO1/1	-221.23	**-3.28**	-51.65	-2.72	171.63	**36.05**
B17	S3 - Obdĺžnik	0.000	CO1/12	-155.39	**2.56**	-24.11	-1.74	81.30	**-28.14**
B17	S3 - Obdĺžnik	0.000	CO1/3	-144.68	-3.27	**-52.14**	-1.66	169.96	36.02
B17	S3 - Obdĺžnik	0.000	CO1/4	-246.90	0.27	**55.62**	**-10.27**	-314.48	-3.00
B17	S3 - Obdĺžnik	0.000	CO1/5	-166.32	0.30	-34.95	**6.55**	261.55	-3.28

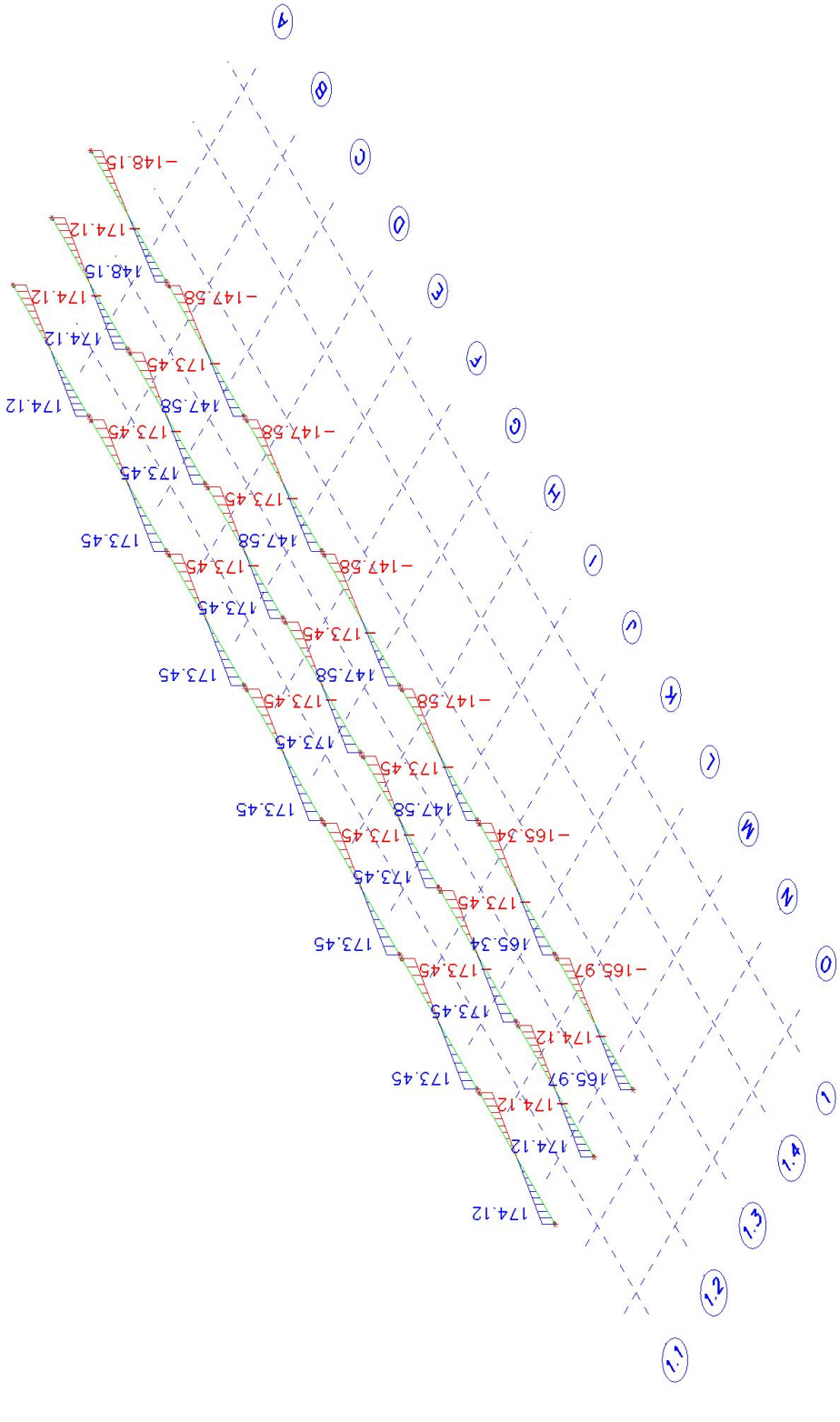
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B17	S3 - Obdĺžnik	0.000	CO1/2	-170.35	0.28	55.12	-9.21	**-316.14**	-3.03
B17	S3 - Obdĺžnik	0.000	CO1/6	-242.87	0.30	-34.46	5.49	**263.22**	-3.25
B18	S4 - Obdĺžnik	0.000	CO3/19	**-814.28**	-0.55	-13.66	0.04	69.31	5.56
B18	S4 - Obdĺžnik	11.000	CO1/15	**-295.43**	0.01	-3.46	-0.01	-16.79	0.07
B18	S4 - Obdĺžnik	0.000	CO1/21	-575.72	**-3.80**	-40.64	0.20	117.75	**41.74**
B18	S4 - Obdĺžnik	0.000	CO1/10	-598.18	**2.92**	-25.40	0.86	79.89	**-32.74**
B18	S4 - Obdĺžnik	0.000	CO1/6	-701.75	0.28	**-51.04**	0.02	**400.22**	-3.13
B18	S4 - Obdĺžnik	0.000	CO1/2	-440.04	0.40	**55.87**	0.03	**-370.28**	-4.32
B18	S4 - Obdĺžnik	0.000	CO1/22	-551.57	0.02	-4.68	**-0.01**	28.79	-0.10
B18	S4 - Obdĺžnik	0.000	CO1/20	-568.76	2.90	-25.74	**0.86**	82.83	-32.70
B19	S6 - Obdĺžnik	0.000	CO1/18	**-151.37**	-0.14	12.86	0.00	-78.91	0.08
B19	S6 - Obdĺžnik	11.000	CO1/15	**-28.24**	-0.12	-0.87	0.00	13.39	-0.67
B19	S6 - Obdĺžnik	0.000	CO1/1	-146.70	**-3.13**	11.16	0.00	-18.34	**30.59**
B19	S6 - Obdĺžnik	0.000	CO1/12	-98.39	**2.18**	8.25	0.00	-16.76	**-22.63**
B19	S6 - Obdĺžnik	0.000	CO1/23	-131.04	0.00	**-30.00**	0.00	249.49	-1.14
B19	S6 - Obdĺžnik	0.000	CO1/24	-114.05	-0.02	**22.11**	0.00	-164.33	-0.93
B19	S6 - Obdĺžnik	0.000	CO1/7	-114.05	0.00	-29.34	**0.00**	244.04	-1.21
B19	S6 - Obdĺžnik	0.000	CO1/10	-131.04	2.14	7.93	**0.00**	-8.62	-22.39
B19	S6 - Obdĺžnik	0.000	CO1/2	-98.39	0.02	21.78	0.00	**-167.03**	-1.09
B19	S6 - Obdĺžnik	0.000	CO1/6	-146.70	-0.04	-29.66	0.00	**252.18**	-0.98
B20	S5 - Obdĺžnik	0.000	CO3/14	**-933.24**	0.23	3.10	-0.48	-32.42	-0.68
B20	S5 - Obdĺžnik	11.000	CO1/15	**-397.31**	0.10	0.45	-0.18	0.00	1.12
B20	S5 - Obdĺžnik	0.000	CO1/3	-519.12	**-5.31**	0.17	**19.70**	22.06	56.60
B20	S5 - Obdĺžnik	0.000	CO1/11	-814.12	**4.58**	0.34	**-16.41**	14.25	-45.17
B20	S5 - Obdĺžnik	0.000	CO1/7	-644.71	0.25	**-20.73**	-1.37	**201.76**	-3.28
B20	S5 - Obdĺžnik	0.000	CO1/13	-686.51	0.22	**21.67**	-1.71	**-225.52**	-2.62
B20	S5 - Obdĺžnik	0.000	CO1/20	-647.47	4.55	0.18	-16.34	15.99	**-45.21**
B20	S5 - Obdĺžnik	0.000	CO1/8	-685.77	-5.27	0.33	19.64	20.33	**56.64**
B21	S3 - Obdĺžnik	0.000	CO1/18	**-250.51**	0.24	32.91	4.79	-178.67	-2.61
B21	S3 - Obdĺžnik	11.000	CO1/3	**-52.27**	-3.27	15.36	-3.35	9.41	0.00
B21	S3 - Obdĺžnik	0.000	CO1/3	-151.93	**-3.27**	**-33.31**	**-3.35**	122.75	**36.02**
B21	S3 - Obdĺžnik	0.000	CO1/11	-231.53	**2.57**	-24.07	-0.73	92.25	**-28.26**
B21	S3 - Obdĺžnik	0.000	CO1/4	-246.30	0.37	**53.60**	5.14	-298.08	-4.02
B21	S3 - Obdĺžnik	0.000	CO1/6	-241.17	0.28	-31.33	**5.34**	232.93	-3.07
B21	S3 - Obdĺžnik	0.000	CO1/13	-225.13	0.36	53.36	4.48	**-299.21**	-3.92
B21	S3 - Obdĺžnik	0.000	CO1/7	-185.96	0.27	-31.69	4.58	**233.42**	-3.00
B22	S4 - Obdĺžnik	0.000	CO3/19	**-761.37**	-0.42	-7.81	-0.18	25.60	5.10
B22	S4 - Obdĺžnik	11.000	CO1/15	**-272.13**	0.02	-0.86	-0.03	-11.59	0.15
B22	S4 - Obdĺžnik	0.000	CO1/3	-430.92	**-3.56**	-33.61	-1.02	121.70	**40.85**
B22	S4 - Obdĺžnik	0.000	CO1/11	-668.26	**2.85**	-26.56	1.05	93.76	**-32.54**
B22	S4 - Obdĺžnik	0.000	CO1/6	-661.52	0.28	**-45.54**	0.26	346.26	-3.02
B22	S4 - Obdĺžnik	0.000	CO1/2	-412.82	0.39	**60.79**	-0.25	-413.43	-4.07
B22	S4 - Obdĺžnik	0.000	CO1/1	-671.19	-3.54	-34.64	**-1.03**	124.15	40.74
B22	S4 - Obdĺžnik	0.000	CO1/12	-428.00	2.83	-25.52	**1.07**	91.31	-32.43
B22	S4 - Obdĺžnik	0.000	CO1/13	-547.61	0.39	60.49	-0.26	**-414.17**	-4.11
B22	S4 - Obdĺžnik	0.000	CO1/7	-526.72	0.27	-45.24	0.27	**347.00**	-2.98
B23	S6 - Obdĺžnik	0.000	CO1/17	**-151.31**	-0.17	-13.37	0.00	141.04	-0.07
B23	S6 - Obdĺžnik	10.400	CO1/15	**-27.91**	-0.04	-1.41	0.00	11.23	-0.03
B23	S6 - Obdĺžnik	6.700	CO1/1	-87.60	**-3.43**	-4.03	0.00	37.66	10.36
B23	S6 - Obdĺžnik	0.000	CO1/12	-97.59	**2.68**	1.57	0.00	14.65	**-25.67**
B23	S6 - Obdĺžnik	0.000	CO1/23	-130.84	-0.23	**-21.99**	0.00	208.06	-0.51
B23	S6 - Obdĺžnik	0.000	CO1/24	-114.05	0.05	**17.56**	0.00	-139.08	-1.25
B23	S6 - Obdĺžnik	0.000	CO1/25	-111.39	-0.05	-0.93	**0.00**	27.71	0.42
B23	S6 - Obdĺžnik	0.000	CO1/4	-146.58	0.03	17.07	**0.00**	-130.01	-1.11
B23	S6 - Obdĺžnik	0.000	CO1/2	-98.23	0.05	17.15	0.00	**-140.63**	-1.26
B23	S6 - Obdĺžnik	0.000	CO1/6	-146.66	-0.24	-21.58	0.00	**209.62**	-0.49
B23	S6 - Obdĺžnik	0.000	CO1/1	-145.76	-3.41	2.45	0.00	21.27	**33.18**
B24	S5 - Obdĺžnik	0.000	CO3/19	**-925.11**	-0.86	0.62	2.59	-2.89	9.57
B24	S5 - Obdĺžnik	9.800	CO1/15	**-401.19**	0.00	0.68	-0.21	0.00	0.53
B24	S5 - Obdĺžnik	0.000	CO1/8	-677.84	**-7.62**	1.06	21.51	13.54	**71.70**
B24	S5 - Obdĺžnik	0.000	CO1/20	-640.96	**6.23**	0.81	-18.01	10.08	**-56.22**
B24	S5 - Obdĺžnik	0.000	CO1/7	-638.56	0.28	**-20.52**	-1.36	**174.80**	-3.72
B24	S5 - Obdĺžnik	0.000	CO1/13	-677.28	0.19	**21.75**	-1.76	**-200.25**	-2.77
B24	S5 - Obdĺžnik	0.000	CO1/11	-805.50	6.23	1.05	**-18.08**	7.73	-56.02
B24	S5 - Obdĺžnik	0.000	CO1/3	-513.31	-7.62	0.82	**21.59**	15.89	71.51
B25	S3 - Obdĺžnik	0.000	CO1/18	**-241.90**	0.17	33.20	-6.66	-180.41	-1.75

Prvok	css	dx [m]	Stav	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
B25	S3 - Obdĺžnik	10.400	CO1/3	**-53.14**	-3.81	13.32	2.18	9.98	0.00
B25	S3 - Obdĺžnik	0.000	CO1/3	-147.30	**-3.81**	**-32.54**	2.18	123.80	**39.65**
B25	S3 - Obdĺžnik	0.000	CO1/11	-224.45	**3.06**	-22.93	1.63	87.38	**-31.81**
B25	S3 - Obdĺžnik	0.000	CO1/4	-237.44	0.27	**53.23**	-11.22	**-292.86**	-2.79
B25	S3 - Obdĺžnik	0.000	CO1/2	-163.24	0.26	52.22	**-11.30**	-289.50	-2.72
B25	S3 - Obdĺžnik	0.000	CO1/6	-233.10	0.35	-28.84	**10.43**	203.08	-3.66
B25	S3 - Obdĺžnik	0.000	CO1/5	-158.90	0.35	-29.86	10.35	**206.43**	-3.59
B26	S4 - Obdĺžnik	0.000	CO3/19	**-751.42**	-0.61	-7.63	-0.10	19.29	6.46
B26	S4 - Obdĺžnik	9.800	CO1/15	**-272.92**	0.02	-0.83	-0.01	-12.53	0.10
B26	S4 - Obdĺžnik	0.000	CO1/3	-418.57	**-5.04**	-29.94	-0.67	96.23	**51.35**
B26	S4 - Obdĺžnik	0.000	CO1/11	-652.59	**4.04**	-23.73	0.77	71.86	**-40.98**
B26	S4 - Obdĺžnik	0.000	CO1/6	-645.90	0.36	**-42.62**	0.21	293.32	-3.51
B26	S4 - Obdĺžnik	0.000	CO1/2	-402.93	0.49	**55.74**	-0.23	-352.83	-4.71
B26	S4 - Obdĺžnik	0.000	CO1/1	-655.30	-5.02	-31.06	**-0.67**	97.61	51.23
B26	S4 - Obdĺžnik	0.000	CO1/12	-415.87	4.02	-22.61	**0.77**	70.47	-40.86
B26	S4 - Obdĺžnik	0.000	CO1/13	-533.73	0.50	55.45	-0.23	**-354.38**	-4.75
B26	S4 - Obdĺžnik	0.000	CO1/7	-515.09	0.35	-42.33	0.21	**294.87**	-3.47
B27	S6 - Obdĺžnik	0.000	CO1/17	**-146.45**	-0.09	-13.89	0.00	138.97	-0.35
B27	S6 - Obdĺžnik	9.800	CO1/15	**-27.91**	-0.04	-1.81	0.00	11.23	-0.02
B27	S6 - Obdĺžnik	0.000	CO1/1	-140.94	**-4.06**	2.76	0.00	20.15	**37.24**
B27	S6 - Obdĺžnik	0.000	CO1/12	-94.01	**3.25**	1.57	0.00	15.72	**-28.99**
B27	S6 - Obdĺžnik	0.000	CO1/23	-125.97	-0.10	**-22.48**	0.00	200.99	-1.01
B27	S6 - Obdĺžnik	0.000	CO1/24	-110.45	-0.08	**16.72**	0.00	-121.75	-0.94
B27	S6 - Obdĺžnik	0.000	CO1/6	-141.80	-0.10	-22.08	**0.00**	**202.92**	-1.00
B27	S6 - Obdĺžnik	0.000	CO1/2	-94.63	-0.08	16.32	**0.00**	**-123.68**	-0.95
B28	S5 - Obdĺžnik	0.000	CO3/19	**-925.16**	-0.86	0.67	2.53	-3.38	9.54
B28	S5 - Obdĺžnik	9.800	CO1/15	**-401.24**	0.00	0.72	-0.21	0.00	0.52
B28	S5 - Obdĺžnik	0.000	CO1/8	-677.86	**-7.60**	1.29	21.14	11.34	**71.50**
B28	S5 - Obdĺžnik	0.000	CO1/20	-641.23	**6.23**	1.04	-17.86	13.10	**-56.21**
B28	S5 - Obdĺžnik	0.000	CO1/7	-638.57	0.24	**-20.46**	-1.08	**174.21**	-3.39
B28	S5 - Obdĺžnik	0.000	CO1/13	-677.30	0.16	**21.75**	-1.53	**-200.25**	-2.53
B28	S5 - Obdĺžnik	0.000	CO1/11	-805.78	6.23	1.29	**-17.93**	10.64	-56.01
B28	S5 - Obdĺžnik	0.000	CO1/3	-513.31	-7.60	1.04	**21.21**	13.80	71.31
B29	S3 - Obdĺžnik	0.000	CO1/18	**-234.05**	0.25	32.03	0.01	-166.85	-2.45
B29	S3 - Obdĺžnik	9.800	CO1/3	**-53.69**	-4.56	12.17	0.45	9.89	0.00
B29	S3 - Obdĺžnik	0.000	CO1/3	-142.35	**-4.56**	**-30.89**	0.45	114.54	**44.69**
B29	S3 - Obdĺžnik	0.000	CO1/11	-217.40	**3.63**	-21.84	-0.88	82.80	**-35.58**
B29	S3 - Obdĺžnik	0.000	CO1/4	-229.45	0.40	**51.11**	-0.01	**-269.79**	-3.95
B29	S3 - Obdĺžnik	0.000	CO1/20	-166.22	3.63	-22.48	**-0.89**	85.66	-35.56
B29	S3 - Obdĺžnik	0.000	CO1/8	-193.53	-4.56	-30.25	**0.46**	111.68	44.67
B29	S3 - Obdĺžnik	0.000	CO1/5	-153.32	0.29	-28.23	0.08	**187.33**	-2.83
B30	S4 - Obdĺžnik	0.000	CO3/19	**-751.35**	-0.61	-7.57	-0.10	18.69	6.43
B30	S4 - Obdĺžnik	9.800	CO1/15	**-272.98**	0.02	-0.79	0.00	-12.64	0.10
B30	S4 - Obdĺžnik	0.000	CO1/3	-417.96	**-5.03**	-29.39	-0.73	93.06	**51.23**
B30	S4 - Obdĺžnik	0.000	CO1/11	-654.23	**4.10**	-29.72	-0.17	91.22	**-41.15**
B30	S4 - Obdĺžnik	0.000	CO1/6	-645.75	0.33	**-42.79**	0.06	293.55	-3.25
B30	S4 - Obdĺžnik	0.000	CO1/2	-402.81	0.44	**55.59**	0.14	-353.14	-4.36
B30	S4 - Obdĺžnik	0.000	CO1/8	-548.74	-5.02	-29.67	**-0.73**	91.36	51.19
B30	S4 - Obdĺžnik	0.000	CO1/24	-508.75	0.46	54.74	**0.14**	-350.14	-4.44
B30	S4 - Obdĺžnik	0.000	CO1/13	-533.60	0.45	55.31	0.14	**-354.84**	-4.39
B30	S4 - Obdĺžnik	0.000	CO1/7	-514.97	0.32	-42.51	0.06	**295.25**	-3.21
B31	S6 - Obdĺžnik	0.000	CO1/17	**-146.43**	-0.09	-14.17	0.00	141.30	-0.27
B31	S6 - Obdĺžnik	9.800	CO1/15	**-27.91**	-0.04	-1.75	0.00	11.15	-0.01
B31	S6 - Obdĺžnik	0.000	CO1/1	-140.94	**-4.05**	2.72	**0.00**	20.29	**37.13**
B31	S6 - Obdĺžnik	0.000	CO1/12	-93.75	**3.26**	3.91	0.00	3.62	**-29.02**
B31	S6 - Obdĺžnik	0.000	CO1/23	-125.98	-0.11	**-23.02**	0.00	205.82	-0.87
B31	S6 - Obdĺžnik	0.000	CO1/24	-110.44	-0.12	**17.19**	0.00	-126.18	-0.74
B31	S6 - Obdĺžnik	0.000	CO1/5	-94.71	-0.09	-22.41	**0.00**	195.92	-1.03
B31	S6 - Obdĺžnik	0.000	CO1/2	-94.62	-0.12	16.77	0.00	**-127.95**	-0.75
B31	S6 - Obdĺžnik	0.000	CO1/6	-141.80	-0.11	-22.61	0.00	**207.59**	-0.86
B32	S5 - Obdĺžnik	0.000	CO3/26	**-929.56**	1.03	1.01	-2.68	-6.06	-7.60
B32	S5 - Obdĺžnik	9.800	CO1/15	**-403.62**	0.02	0.89	-0.21	0.00	0.66
B32	S5 - Obdĺžnik	0.000	CO1/3	-515.39	**-7.55**	1.18	**20.80**	12.37	71.00
B32	S5 - Obdĺžnik	0.000	CO1/11	-809.68	**6.28**	1.41	**-17.86**	14.73	-56.16
B32	S5 - Obdĺžnik	0.000	CO1/5	-512.06	0.16	**-21.23**	-0.62	**181.76**	-2.88
B32	S5 - Obdĺžnik	0.000	CO1/4	-809.26	0.21	**23.12**	-1.27	**-213.70**	-2.49

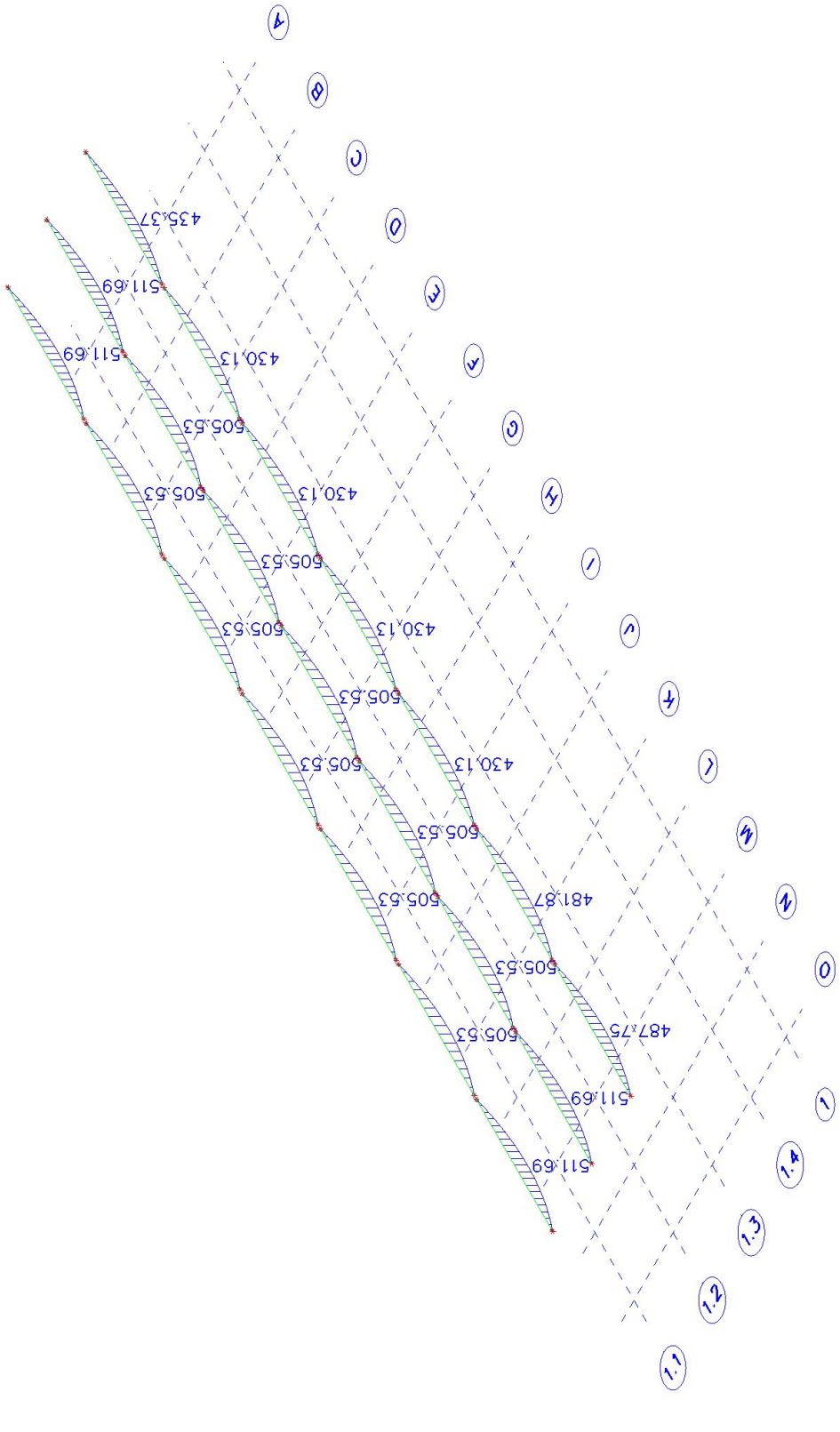
Prvok	css	dx [m]	Stav	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
B32	S5 - Obdĺžnik	0.000	CO1/20	-644.46	6.27	1.10	-17.78	17.78	**-56.34**
B32	S5 - Obdĺžnik	0.000	CO1/8	-680.61	-7.54	1.49	20.73	9.32	**71.17**
B33	S3 - Obdĺžnik	0.000	CO1/18	**-234.31**	0.25	32.57	1.37	-172.32	-2.41
B33	S3 - Obdĺžnik	9.800	CO1/12	**-52.31**	3.62	14.71	-1.21	8.91	0.00
B33	S3 - Obdĺžnik	0.000	CO1/3	-142.81	**-4.55**	-30.64	0.35	111.57	**44.62**
B33	S3 - Obdĺžnik	0.000	CO1/11	-213.14	**3.63**	-35.47	-1.05	127.61	**-35.61**
B33	S3 - Obdĺžnik	0.000	CO1/12	-140.97	3.62	**-36.62**	**-1.21**	131.66	-35.51
B33	S3 - Obdĺžnik	0.000	CO1/4	-229.94	0.39	**51.90**	**1.97**	**-277.85**	-3.84
B33	S3 - Obdĺžnik	0.000	CO1/5	-153.48	0.26	-28.58	-1.13	**190.44**	-2.51
B34	S4 - Obdĺžnik	0.000	CO3/26	**-750.62**	0.63	-7.55	0.00	15.37	-5.99
B34	S4 - Obdĺžnik	9.800	CO1/15	**-272.39**	0.03	-0.37	0.00	-11.66	0.17
B34	S4 - Obdĺžnik	0.000	CO1/3	-417.33	**-5.00**	-29.33	-0.86	91.31	**51.10**
B34	S4 - Obdĺžnik	0.000	CO1/11	-656.75	**4.12**	-36.02	0.11	112.30	**-41.27**
B34	S4 - Obdĺžnik	0.000	CO1/6	-646.09	0.36	**-44.96**	-0.15	307.67	-3.18
B34	S4 - Obdĺžnik	0.000	CO1/2	-400.24	0.39	**59.02**	**0.24**	-377.63	-3.97
B34	S4 - Obdĺžnik	0.000	CO1/1	-653.69	-4.97	-30.18	**-0.87**	90.57	50.94
B34	S4 - Obdĺžnik	0.000	CO1/13	-530.81	0.40	58.89	0.24	**-380.42**	-4.02
B34	S4 - Obdĺžnik	0.000	CO1/7	-515.51	0.35	-44.82	-0.15	**310.46**	-3.13
B35	S6 - Obdĺžnik	0.000	CO1/17	**-147.07**	0.01	-14.57	0.00	131.57	-0.55
B35	S6 - Obdĺžnik	9.800	CO1/15	**-27.91**	0.05	-3.16	0.00	3.65	0.73
B35	S6 - Obdĺžnik	0.000	CO1/3	-94.03	**-3.91**	2.27	0.00	7.04	36.48
B35	S6 - Obdĺžnik	0.000	CO1/11	-140.76	**3.42**	3.62	0.00	9.90	-29.46
B35	S6 - Obdĺžnik	0.000	CO1/6	-142.62	-0.11	**-21.37**	0.00	**183.72**	-0.74
B35	S6 - Obdĺžnik	0.000	CO1/2	-94.48	0.25	**10.91**	0.00	**-81.80**	-1.76
B35	S6 - Obdĺžnik	0.000	CO1/23	-126.80	-0.16	-21.33	**0.00**	180.51	-0.61
B35	S6 - Obdĺžnik	0.000	CO1/24	-110.30	0.30	10.86	**0.00**	-78.60	-1.89
B35	S6 - Obdĺžnik	0.000	CO1/20	-109.40	3.39	4.73	0.00	-2.22	**-29.46**
B35	S6 - Obdĺžnik	0.000	CO1/8	-125.39	-3.88	1.17	0.00	19.16	**36.48**
B36	S3 - Obdĺžnik	0.000	CO1/18	**-235.31**	0.09	29.56	-12.92	-140.15	-0.93
B36	S3 - Obdĺžnik	9.800	CO1/12	**-48.95**	3.65	18.89	1.01	8.54	0.00
B36	S3 - Obdĺžnik	0.000	CO1/8	-193.15	**-4.54**	-29.41	1.02	104.11	**44.50**
B36	S3 - Obdĺžnik	0.000	CO1/20	-158.46	**3.66**	-44.79	0.77	156.47	**-35.84**
B36	S3 - Obdĺžnik	0.000	CO1/12	-137.61	3.65	**-45.28**	1.01	**157.10**	-35.80
B36	S3 - Obdĺžnik	0.000	CO1/4	-232.08	0.16	**47.02**	**-20.02**	**-226.91**	-1.54
B36	S3 - Obdĺžnik	0.000	CO1/5	-150.96	0.39	-24.36	**15.25**	148.50	-3.82

9. Roof purlins (väznice)

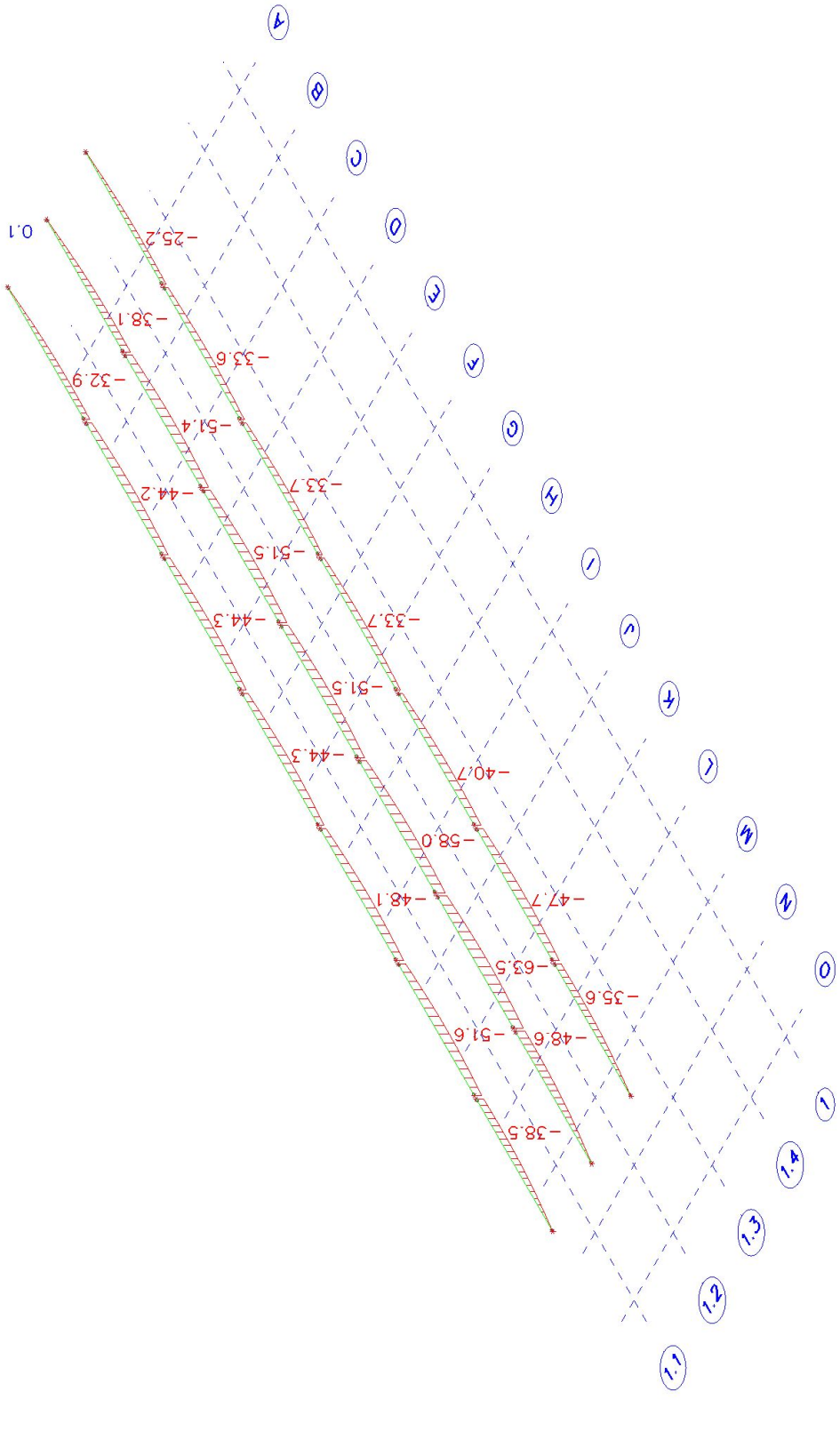
9.1. Internal forces; Vz



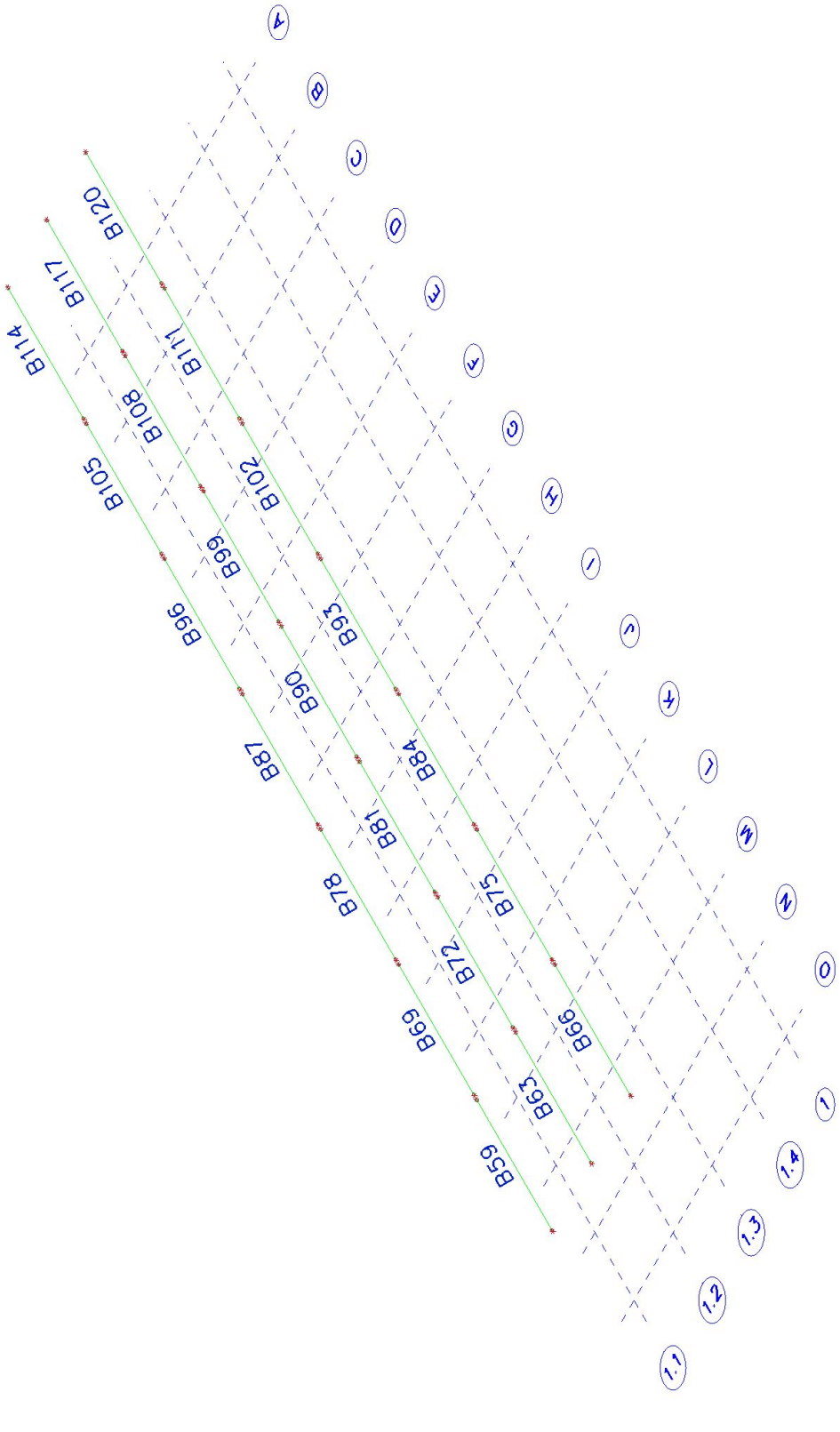
9.2. Internal forces; My



9.3. Deformation uz



9.4. Name roof purlins



9.5. Internal forces on roof purlins

Lineárny výpočet, Extrém : Prvok, Systém : Hlavné
Výber : Všetko
Skupiny výsledkov : MSU(ULS)
Hladina : Väznice

Prvok	css	dx [m]	Stav	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
B59	V - Doska 2	0.000	CO1/1	**-31.42**	0.00	116.85	-12.06	0.00	0.00
B59	V - Doska 2	0.000	CO1/2	**43.07**	0.00	64.20	**-2.82**	0.00	0.00
B59	V - Doska 2	7.053	CO1/6	34.81	**0.00**	-23.37	-16.36	329.65	0.00
B59	V - Doska 2	4.702	CO1/5	35.38	**0.00**	12.84	-11.49	181.12	0.00
B59	V - Doska 2	11.755	CO3/14	3.89	0.00	**-174.12**	-15.19	0.00	0.00
B59	V - Doska 2	0.000	CO3/14	3.89	0.00	**174.12**	-15.19	0.00	0.00
B59	V - Doska 2	0.000	CO1/6	34.81	0.00	116.85	**-16.36**	0.00	0.00
B59	V - Doska 2	0.000	CO3/26	-0.85	0.00	174.12	-15.77	**0.00**	0.00
B59	V - Doska 2	5.878	CO3/14	3.89	0.00	0.00	-15.19	**511.69**	0.00
B59	V - Doska 2	1.175	CO1/2	43.07	0.00	51.36	-2.82	67.92	**0.00**
B59	V - Doska 2	7.053	CO1/23	35.26	0.00	-16.56	-13.69	233.54	**0.00**
B63	V - Doska 2	0.000	CO1/1	**-28.42**	0.00	116.85	0.80	0.00	0.00
B63	V - Doska 2	0.000	CO1/5	**35.13**	0.00	64.20	**-3.86**	0.00	0.00
B63	V - Doska 2	4.114	CO1/6	34.57	**0.00**	35.05	-3.53	312.48	0.00
B63	V - Doska 2	9.404	CO1/24	34.66	**0.00**	-58.96	4.98	184.82	0.00
B63	V - Doska 2	11.755	CO3/14	2.82	0.00	**-174.12**	1.62	0.00	0.00
B63	V - Doska 2	0.000	CO3/14	2.82	0.00	**174.12**	1.62	0.00	0.00
B63	V - Doska 2	0.000	CO1/4	34.54	0.00	116.85	**5.12**	0.00	0.00
B63	V - Doska 2	0.000	CO3/26	-1.06	0.00	174.12	1.04	**0.00**	0.00
B63	V - Doska 2	5.878	CO3/14	2.82	0.00	0.00	1.62	**511.69**	0.00
B63	V - Doska 2	4.702	CO1/2	35.11	0.00	12.84	4.80	181.12	**0.00**
B63	V - Doska 2	0.000	CO1/6	34.57	0.00	116.85	-3.53	0.00	**0.00**
B66	V - Doska 2	0.000	CO1/1	**-30.09**	0.00	112.15	13.22	0.00	0.00
B66	V - Doska 2	0.000	CO1/5	**40.49**	0.00	61.91	**3.51**	0.00	0.00
B66	V - Doska 2	0.000	CO1/23	40.39	**0.00**	79.90	5.93	0.00	0.00
B66	V - Doska 2	9.404	CO1/24	33.17	**0.00**	-56.50	15.10	177.10	0.00
B66	V - Doska 2	11.755	CO3/14	2.78	0.00	**-165.97**	17.84	0.00	0.00
B66	V - Doska 2	0.000	CO3/14	2.78	0.00	**165.97**	**17.84**	0.00	0.00
B66	V - Doska 2	0.000	CO3/26	-0.70	0.00	165.97	17.27	**0.00**	0.00
B66	V - Doska 2	5.878	CO3/14	2.78	0.00	0.00	17.84	**487.75**	0.00
B66	V - Doska 2	6.465	CO1/4	33.06	0.00	-11.22	17.51	326.29	**0.00**
B66	V - Doska 2	2.351	CO1/23	40.39	0.00	47.94	5.93	150.28	**0.00**
B69	V - Doska 2	0.000	CO1/1	**-26.16**	0.00	116.40	0.03	0.00	0.00
B69	V - Doska 2	0.000	CO1/2	**42.18**	**0.00**	63.95	0.02	0.00	0.00
B69	V - Doska 2	0.000	CO1/6	34.21	**0.00**	116.40	0.02	0.00	0.00
B69	V - Doska 2	11.710	CO3/14	3.75	0.00	**-173.45**	0.09	0.00	0.00
B69	V - Doska 2	0.000	CO3/14	3.75	0.00	**173.45**	**0.09**	0.00	0.00
B69	V - Doska 2	0.000	CO1/22	-0.47	0.00	71.40	**0.00**	0.00	0.00
B69	V - Doska 2	0.000	CO3/26	-1.40	0.00	173.45	0.08	**0.00**	0.00
B69	V - Doska 2	5.465	CO3/14	3.75	0.00	11.56	0.09	**505.53**	0.00
B69	V - Doska 2	2.342	CO1/7	34.33	0.00	58.73	0.02	183.40	**0.00**
B69	V - Doska 2	6.245	CO1/2	42.18	0.00	-4.26	0.02	186.39	**0.00**
B72	V - Doska 2	0.000	CO1/1	**-23.64**	0.00	116.40	0.01	0.00	0.00
B72	V - Doska 2	0.000	CO1/2	**35.08**	**0.00**	63.95	0.00	0.00	0.00
B72	V - Doska 2	7.026	CO1/7	34.51	**0.00**	-19.58	0.01	275.11	0.00
B72	V - Doska 2	11.710	CO3/14	2.75	0.00	**-173.45**	0.02	0.00	0.00
B72	V - Doska 2	0.000	CO3/14	2.75	0.00	**173.45**	0.02	0.00	0.00
B72	V - Doska 2	0.000	CO1/22	-0.48	0.00	71.40	**0.00**	0.00	0.00
B72	V - Doska 2	0.000	CO3/16	2.74	0.00	173.45	**0.02**	0.00	0.00
B72	V - Doska 2	0.000	CO3/26	-1.65	0.00	173.45	0.02	**0.00**	0.00
B72	V - Doska 2	5.465	CO3/14	2.75	0.00	11.56	0.02	**505.53**	0.00
B72	V - Doska 2	2.342	CO1/7	34.51	0.00	58.73	0.01	183.40	**0.00**
B72	V - Doska 2	0.000	CO1/4	34.50	0.00	116.40	0.01	0.00	**0.00**
B75	V - Doska 2	0.000	CO1/1	**-32.29**	0.00	111.72	-0.06	0.00	0.00
B75	V - Doska 2	0.000	CO1/5	**40.49**	0.00	61.68	**-0.01**	0.00	0.00
B75	V - Doska 2	0.000	CO1/24	33.24	**0.00**	93.80	-0.08	0.00	0.00
B75	V - Doska 2	11.710	CO3/14	2.84	0.00	**-165.34**	-0.13	0.00	0.00
B75	V - Doska 2	0.000	CO3/14	2.84	0.00	**165.34**	**-0.13**	0.00	0.00
B75	V - Doska 2	0.000	CO3/26	-0.42	0.00	165.34	-0.13	**0.00**	0.00

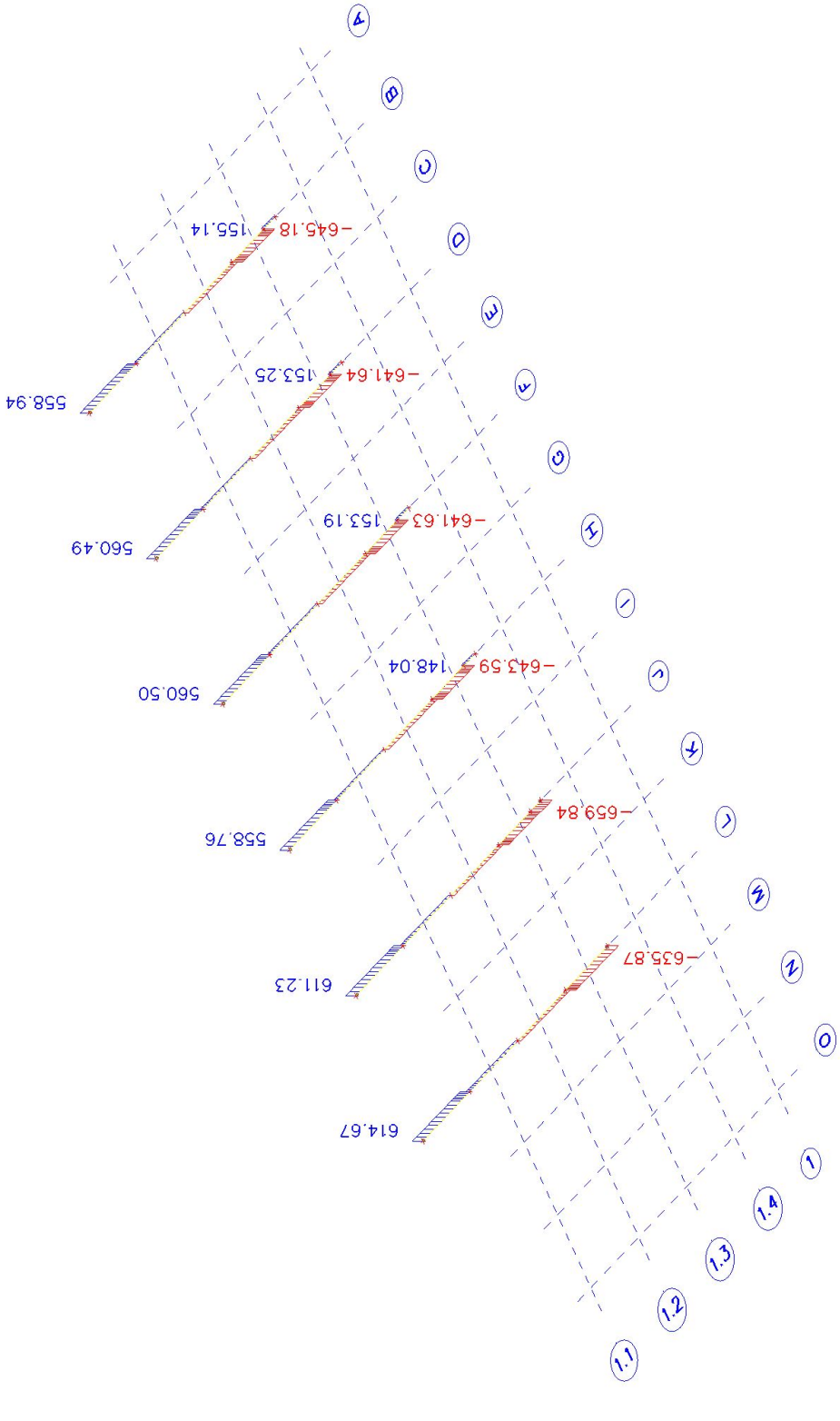
Prvok	css	dx [m]	Stav	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
B75	V - Doska 2	5.465	CO3/14	2.84	0.00	11.02	-0.13	**481.87**	0.00
B75	V - Doska 2	2.342	CO1/23	40.38	0.00	47.76	-0.01	149.13	**0.00**
B75	V - Doska 2	4.684	CO1/24	33.24	0.00	18.76	-0.08	263.62	**0.00**
B78	V - Doska 2	0.000	CO1/1	**-20.89**	0.00	116.40	3.07	0.00	0.00
B78	V - Doska 2	0.000	CO1/2	**41.40**	0.00	63.95	1.88	0.00	0.00
B78	V - Doska 2	0.000	CO1/4	40.82	**0.00**	116.40	3.08	0.00	0.00
B78	V - Doska 2	11.710	CO3/14	3.62	0.00	**-173.45**	3.84	0.00	0.00
B78	V - Doska 2	0.000	CO3/14	3.62	0.00	**173.45**	**3.84**	0.00	0.00
B78	V - Doska 2	0.000	CO1/15	-0.36	0.00	52.89	**1.65**	0.00	0.00
B78	V - Doska 2	11.710	CO3/19	-4.61	0.00	-173.45	3.84	**0.00**	0.00
B78	V - Doska 2	5.465	CO3/14	3.62	0.00	11.56	3.84	**505.53**	0.00
B78	V - Doska 2	4.684	CO1/23	34.06	0.00	16.49	2.39	231.75	**0.00**
B78	V - Doska 2	3.903	CO1/24	40.95	0.00	32.63	2.50	254.73	**0.00**
B81	V - Doska 2	0.000	CO1/1	**-19.27**	0.00	116.40	1.46	0.00	0.00
B81	V - Doska 2	0.000	CO1/2	**35.26**	**0.00**	63.95	0.85	0.00	0.00
B81	V - Doska 2	0.000	CO1/6	34.56	**0.00**	116.40	1.49	0.00	0.00
B81	V - Doska 2	11.710	CO3/14	2.70	0.00	**-173.45**	1.88	0.00	0.00
B81	V - Doska 2	0.000	CO3/14	2.70	0.00	**173.45**	1.88	0.00	0.00
B81	V - Doska 2	0.000	CO1/15	-0.38	0.00	52.89	**0.78**	0.00	0.00
B81	V - Doska 2	0.000	CO3/16	2.69	0.00	173.45	**1.89**	0.00	0.00
B81	V - Doska 2	11.710	CO3/19	-4.49	0.00	-173.45	1.89	**0.00**	0.00
B81	V - Doska 2	5.465	CO3/14	2.70	0.00	11.56	1.88	**505.53**	0.00
B81	V - Doska 2	4.684	CO1/2	35.26	0.00	12.79	0.85	179.73	**0.00**
B81	V - Doska 2	3.903	CO1/6	34.56	0.00	38.80	1.49	302.90	**0.00**
B84	V - Doska 2	0.000	CO1/1	**-31.76**	0.00	101.49	-1.32	0.00	0.00
B84	V - Doska 2	0.000	CO1/5	**38.51**	0.00	56.70	**-0.68**	0.00	0.00
B84	V - Doska 2	4.684	CO1/13	32.14	**0.00**	14.67	-1.19	206.08	0.00
B84	V - Doska 2	7.026	CO1/23	38.41	**0.00**	-14.67	-0.94	206.08	0.00
B84	V - Doska 2	11.710	CO3/14	2.73	0.00	**-147.58**	-1.51	0.00	0.00
B84	V - Doska 2	0.000	CO3/14	2.73	0.00	**147.58**	**-1.51**	0.00	0.00
B84	V - Doska 2	11.710	CO3/19	-5.73	0.00	-147.58	-1.50	**0.00**	0.00
B84	V - Doska 2	5.465	CO3/14	2.73	0.00	9.84	-1.51	**430.13**	0.00
B84	V - Doska 2	2.342	CO1/13	32.14	0.00	44.00	-1.19	137.38	**0.00**
B84	V - Doska 2	7.026	CO1/24	31.86	0.00	-16.97	-1.14	238.50	**0.00**
B87	V - Doska 2	0.000	CO1/1	**-15.63**	0.00	116.40	-0.03	0.00	0.00
B87	V - Doska 2	0.000	CO1/2	**40.82**	0.00	63.95	-0.06	0.00	0.00
B87	V - Doska 2	0.000	CO1/13	40.69	**0.00**	82.46	-0.07	0.00	0.00
B87	V - Doska 2	0.000	CO1/7	33.31	**0.00**	97.89	0.01	0.00	0.00
B87	V - Doska 2	11.710	CO3/14	3.51	0.00	**-173.45**	-0.06	0.00	0.00
B87	V - Doska 2	0.000	CO3/14	3.51	0.00	**173.45**	-0.06	0.00	0.00
B87	V - Doska 2	0.000	CO1/4	40.23	0.00	116.40	**-0.08**	0.00	0.00
B87	V - Doska 2	0.000	CO1/5	33.77	0.00	63.95	**0.02**	0.00	0.00
B87	V - Doska 2	0.000	CO3/26	-2.55	0.00	173.45	-0.06	**0.00**	0.00
B87	V - Doska 2	5.465	CO3/14	3.51	0.00	11.56	-0.06	**505.53**	0.00
B87	V - Doska 2	1.561	CO1/13	40.69	0.00	60.47	-0.07	111.59	**0.00**
B87	V - Doska 2	4.684	CO1/7	33.31	0.00	19.58	0.01	275.11	**0.00**
B90	V - Doska 2	0.000	CO1/1	**-15.42**	0.00	116.40	0.00	0.00	0.00
B90	V - Doska 2	0.000	CO1/2	**35.17**	0.00	63.95	-0.01	0.00	0.00
B90	V - Doska 2	0.000	CO1/24	34.69	**0.00**	97.89	-0.02	0.00	0.00
B90	V - Doska 2	11.710	CO3/14	2.64	0.00	**-173.45**	-0.01	0.00	0.00
B90	V - Doska 2	0.000	CO3/14	2.64	0.00	**173.45**	-0.01	0.00	0.00
B90	V - Doska 2	0.000	CO1/4	34.55	0.00	116.40	**-0.02**	0.00	0.00
B90	V - Doska 2	0.000	CO1/5	35.07	0.00	63.95	**0.01**	0.00	0.00
B90	V - Doska 2	0.000	CO3/26	-2.69	0.00	173.45	-0.01	**0.00**	0.00
B90	V - Doska 2	5.465	CO3/14	2.64	0.00	11.56	-0.01	**505.53**	0.00
B90	V - Doska 2	1.561	CO1/23	34.93	0.00	60.47	0.01	111.59	**0.00**
B90	V - Doska 2	3.123	CO1/24	34.69	0.00	45.68	-0.02	224.16	**0.00**
B93	V - Doska 2	0.000	CO1/1	**-26.07**	0.00	101.49	0.05	0.00	0.00
B93	V - Doska 2	0.000	CO1/5	**36.81**	0.00	56.70	**-0.01**	0.00	0.00
B93	V - Doska 2	0.000	CO1/20	4.74	**0.00**	84.86	0.04	0.00	0.00
B93	V - Doska 2	9.368	CO1/13	30.83	**0.00**	-44.00	0.08	137.38	0.00
B93	V - Doska 2	11.710	CO3/14	2.57	0.00	**-147.58**	0.09	0.00	0.00
B93	V - Doska 2	0.000	CO3/14	2.57	0.00	**147.58**	0.09	0.00	0.00
B93	V - Doska 2	0.000	CO1/4	30.47	0.00	101.49	**0.09**	0.00	0.00
B93	V - Doska 2	0.000	CO3/26	-0.88	0.00	147.58	0.09	**0.00**	0.00
B93	V - Doska 2	5.465	CO3/14	2.57	0.00	9.84	0.09	**430.13**	0.00

Prvok	css	dx [m]	Stav	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
B93	V - Doska 2	4.684	CO1/13	30.83	0.00	14.67	0.08	206.08	**0.00**
B93	V - Doska 2	5.465	CO1/7	36.44	0.00	5.66	0.01	247.33	**0.00**
B96	V - Doska 2	0.000	CO1/1	**-10.42**	0.00	116.40	0.00	0.00	0.00
B96	V - Doska 2	0.000	CO1/2	**40.45**	0.00	63.95	**0.00**	0.00	0.00
B96	V - Doska 2	0.000	CO1/21	-10.29	**0.00**	97.89	0.00	0.00	0.00
B96	V - Doska 2	11.710	CO3/14	3.41	0.00	**-173.45**	0.00	0.00	0.00
B96	V - Doska 2	0.000	CO3/14	3.41	0.00	**173.45**	0.00	0.00	0.00
B96	V - Doska 2	0.000	CO1/11	-9.41	0.00	116.40	**0.01**	0.00	0.00
B96	V - Doska 2	0.000	CO3/26	-3.16	0.00	173.45	0.00	**0.00**	0.00
B96	V - Doska 2	5.465	CO3/14	3.41	0.00	11.56	0.00	**505.53**	0.00
B96	V - Doska 2	0.000	CO1/20	-9.28	0.00	97.89	0.00	0.00	**0.00**
B96	V - Doska 2	4.684	CO1/24	39.97	0.00	19.58	0.00	275.11	**0.00**
B99	V - Doska 2	0.000	CO1/1	**-11.47**	0.00	116.40	0.00	0.00	0.00
B99	V - Doska 2	0.000	CO1/2	**34.82**	0.00	63.95	**0.00**	0.00	0.00
B99	V - Doska 2	0.000	CO1/7	34.19	**0.00**	97.89	0.00	0.00	0.00
B99	V - Doska 2	11.710	CO3/14	2.55	0.00	**-173.45**	0.00	0.00	0.00
B99	V - Doska 2	0.000	CO3/14	2.55	0.00	**173.45**	0.00	0.00	0.00
B99	V - Doska 2	0.000	CO1/11	-8.50	0.00	116.40	**0.00**	0.00	0.00
B99	V - Doska 2	0.000	CO3/26	-3.14	0.00	173.45	0.00	**0.00**	0.00
B99	V - Doska 2	5.465	CO3/14	2.55	0.00	11.56	0.00	**505.53**	0.00
B99	V - Doska 2	4.684	CO1/2	34.82	0.00	12.79	0.00	179.73	**0.00**
B99	V - Doska 2	7.026	CO1/6	34.05	0.00	-23.28	0.00	327.13	**0.00**
B102	V - Doska 2	0.000	CO1/1	**-19.93**	0.00	101.49	0.00	0.00	0.00
B102	V - Doska 2	0.000	CO1/5	**35.67**	0.00	56.70	0.00	0.00	0.00
B102	V - Doska 2	4.684	CO1/24	29.73	**0.00**	16.97	0.00	238.50	0.00
B102	V - Doska 2	0.000	CO1/7	35.30	**0.00**	84.86	0.00	0.00	0.00
B102	V - Doska 2	11.710	CO3/14	2.41	0.00	**-147.58**	0.00	0.00	0.00
B102	V - Doska 2	0.000	CO3/14	2.41	0.00	**147.58**	0.00	0.00	0.00
B102	V - Doska 2	0.000	CO1/11	-0.23	0.00	101.49	**-0.01**	0.00	0.00
B102	V - Doska 2	0.000	CO1/2	30.09	0.00	56.70	**0.00**	0.00	0.00
B102	V - Doska 2	0.000	CO3/26	-1.57	0.00	147.58	0.00	**0.00**	0.00
B102	V - Doska 2	5.465	CO3/14	2.41	0.00	9.84	0.00	**430.13**	0.00
B102	V - Doska 2	7.026	CO1/13	29.97	0.00	-14.67	0.00	206.08	**0.00**
B102	V - Doska 2	4.684	CO1/6	35.18	0.00	20.30	0.00	285.23	**0.00**
B105	V - Doska 2	0.000	CO1/11	**-13.65**	0.00	116.40	0.11	0.00	0.00
B105	V - Doska 2	0.000	CO1/2	**40.26**	0.00	63.95	0.06	0.00	0.00
B105	V - Doska 2	0.000	CO1/8	-4.79	**0.00**	82.46	0.08	0.00	0.00
B105	V - Doska 2	11.710	CO3/14	3.34	0.00	**-173.45**	0.13	0.00	0.00
B105	V - Doska 2	0.000	CO3/14	3.34	0.00	**173.45**	0.13	0.00	0.00
B105	V - Doska 2	0.000	CO1/15	-0.39	0.00	52.89	**0.05**	0.00	0.00
B105	V - Doska 2	0.000	CO3/26	-3.77	0.00	173.45	**0.13**	**0.00**	0.00
B105	V - Doska 2	5.465	CO3/14	3.34	0.00	11.56	0.13	**505.53**	0.00
B105	V - Doska 2	0.000	CO1/12	-13.04	0.00	63.95	0.07	0.00	**0.00**
B105	V - Doska 2	4.684	CO1/23	33.24	0.00	16.49	0.08	231.75	**0.00**
B108	V - Doska 2	0.000	CO1/11	**-11.56**	0.00	116.40	0.01	0.00	0.00
B108	V - Doska 2	0.000	CO1/2	**34.26**	0.00	63.95	**0.00**	0.00	0.00
B108	V - Doska 2	0.000	CO1/20	-11.41	**0.00**	97.89	0.01	0.00	0.00
B108	V - Doska 2	11.710	CO3/14	2.45	0.00	**-173.45**	0.01	0.00	0.00
B108	V - Doska 2	0.000	CO3/14	2.45	0.00	**173.45**	0.01	0.00	0.00
B108	V - Doska 2	0.000	CO3/26	-3.57	0.00	173.45	**0.01**	**0.00**	0.00
B108	V - Doska 2	5.465	CO3/14	2.45	0.00	11.56	0.01	**505.53**	0.00
B108	V - Doska 2	4.684	CO1/6	33.49	0.00	23.28	0.01	327.13	**0.00**
B108	V - Doska 2	7.026	CO1/2	34.26	0.00	-12.79	0.00	179.73	**0.00**
B111	V - Doska 2	0.000	CO1/1	**-13.41**	0.00	101.49	-0.13	0.00	0.00
B111	V - Doska 2	0.000	CO1/5	**34.62**	0.00	56.70	-0.07	0.00	0.00
B111	V - Doska 2	0.000	CO1/7	34.25	**0.00**	84.86	-0.10	0.00	0.00
B111	V - Doska 2	11.710	CO3/14	2.24	0.00	**-147.58**	-0.17	0.00	0.00
B111	V - Doska 2	0.000	CO3/14	2.24	0.00	**147.58**	-0.17	0.00	0.00
B111	V - Doska 2	0.000	CO3/26	-2.33	0.00	147.58	**-0.17**	**0.00**	0.00
B111	V - Doska 2	0.000	CO1/15	-0.42	0.00	47.51	**-0.07**	0.00	0.00
B111	V - Doska 2	5.465	CO3/14	2.24	0.00	9.84	-0.17	**430.13**	0.00
B111	V - Doska 2	4.684	CO1/4	28.85	0.00	20.30	-0.13	285.23	**0.00**
B111	V - Doska 2	4.684	CO1/5	34.62	0.00	11.34	-0.07	159.34	**0.00**
B114	V - Doska 2	0.000	CO1/11	**-17.95**	0.00	116.85	9.67	0.00	0.00
B114	V - Doska 2	0.000	CO1/2	**40.25**	0.00	64.20	**2.99**	0.00	0.00
B114	V - Doska 2	0.000	CO1/13	40.11	**0.00**	82.78	4.62	0.00	0.00

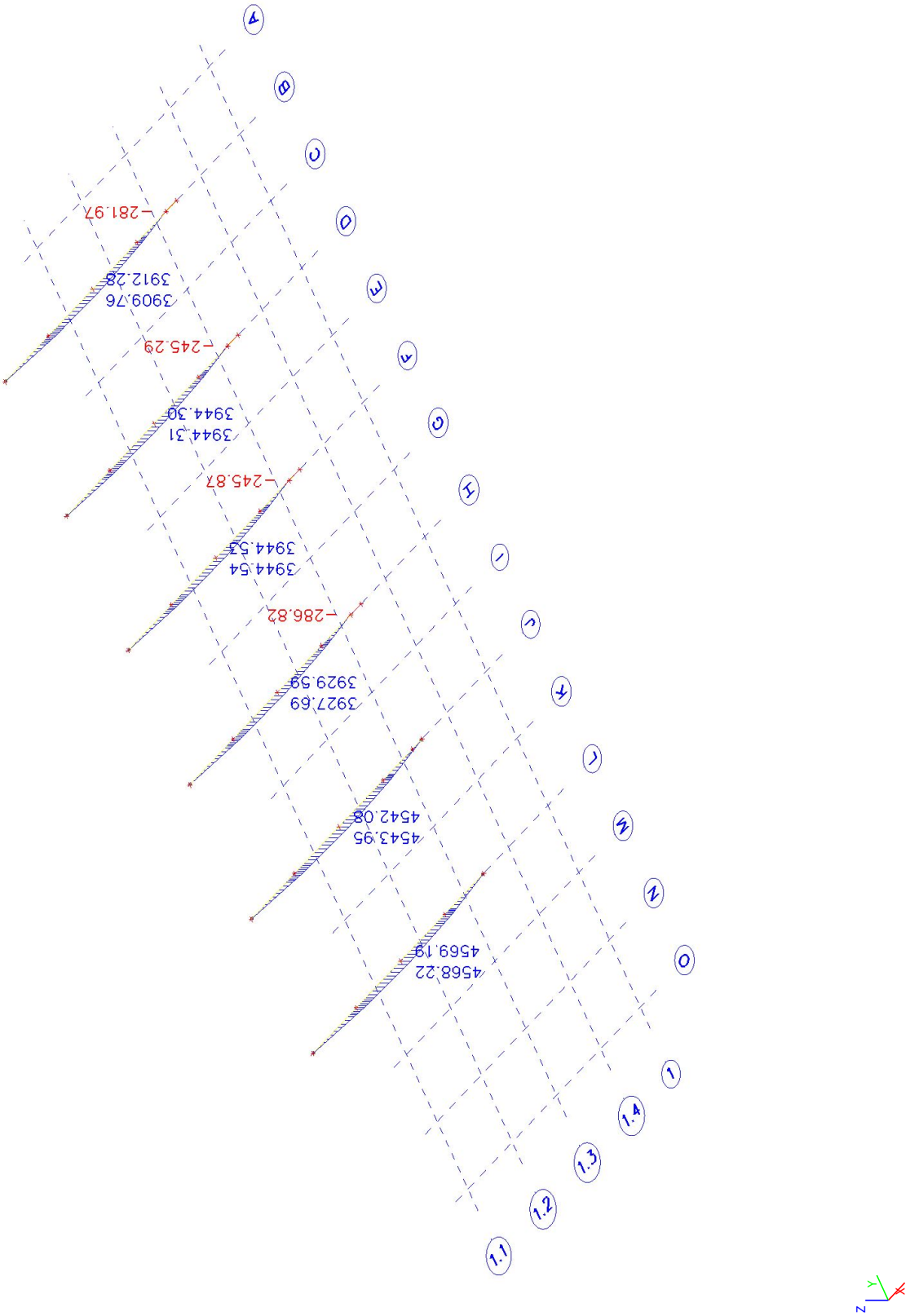
Prvok	css	dx [m]	Stav	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
B114	V - Doska 2	0.000	CO1/5	33.34	**0.00**	64.20	7.50	0.00	0.00
B114	V - Doska 2	11.755	CO3/14	3.27	0.00	**-174.12**	11.74	0.00	0.00
B114	V - Doska 2	0.000	CO3/14	3.27	0.00	**174.12**	11.74	0.00	0.00
B114	V - Doska 2	0.000	CO3/16	2.35	0.00	174.12	**12.35**	0.00	0.00
B114	V - Doska 2	11.755	CO3/19	-2.02	0.00	-174.12	12.11	**0.00**	0.00
B114	V - Doska 2	5.878	CO3/14	3.27	0.00	0.00	11.74	**511.69**	0.00
B114	V - Doska 2	4.114	CO1/13	40.11	0.00	24.83	4.62	221.38	**0.00**
B114	V - Doska 2	4.702	CO1/7	32.85	0.00	19.65	9.58	277.22	**0.00**
B117	V - Doska 2	0.000	CO1/11	**-14.56**	0.00	116.85	-1.57	0.00	0.00
B117	V - Doska 2	0.000	CO1/2	**33.58**	0.00	64.20	-3.64	0.00	0.00
B117	V - Doska 2	7.053	CO1/7	33.05	**0.00**	-19.65	0.33	277.22	0.00
B117	V - Doska 2	0.000	CO1/5	33.55	**0.00**	64.20	**0.78**	0.00	0.00
B117	V - Doska 2	11.755	CO3/14	2.34	0.00	**-174.12**	-3.10	0.00	0.00
B117	V - Doska 2	0.000	CO3/14	2.34	0.00	**174.12**	-3.10	0.00	0.00
B117	V - Doska 2	0.000	CO1/4	32.93	0.00	116.85	**-4.51**	0.00	**0.00**
B117	V - Doska 2	11.755	CO3/19	-2.52	0.00	-174.12	-2.74	**0.00**	0.00
B117	V - Doska 2	5.878	CO3/14	2.34	0.00	0.00	-3.10	**511.69**	0.00
B117	V - Doska 2	4.702	CO1/7	33.05	0.00	19.65	0.33	277.22	**0.00**
B120	V - Doska 2	0.000	CO1/11	**-10.80**	0.00	101.88	-11.14	0.00	0.00
B120	V - Doska 2	0.000	CO1/5	**33.05**	**0.00**	56.91	**-4.97**	0.00	0.00
B120	V - Doska 2	0.000	CO1/4	27.87	**0.00**	101.88	-14.04	0.00	0.00
B120	V - Doska 2	11.755	CO3/14	2.02	0.00	**-148.15**	-15.85	0.00	0.00
B120	V - Doska 2	0.000	CO3/14	2.02	0.00	**148.15**	**-15.85**	0.00	0.00
B120	V - Doska 2	11.755	CO3/19	-2.51	0.00	-148.15	-15.50	**0.00**	0.00
B120	V - Doska 2	5.878	CO3/14	2.02	0.00	0.00	-15.85	**435.37**	0.00
B120	V - Doska 2	7.053	CO1/13	28.25	0.00	-14.72	-11.39	207.66	**0.00**
B120	V - Doska 2	7.053	CO1/7	32.67	0.00	-17.04	-7.62	240.34	**0.00**

10. Primary roof beams (väzníky)

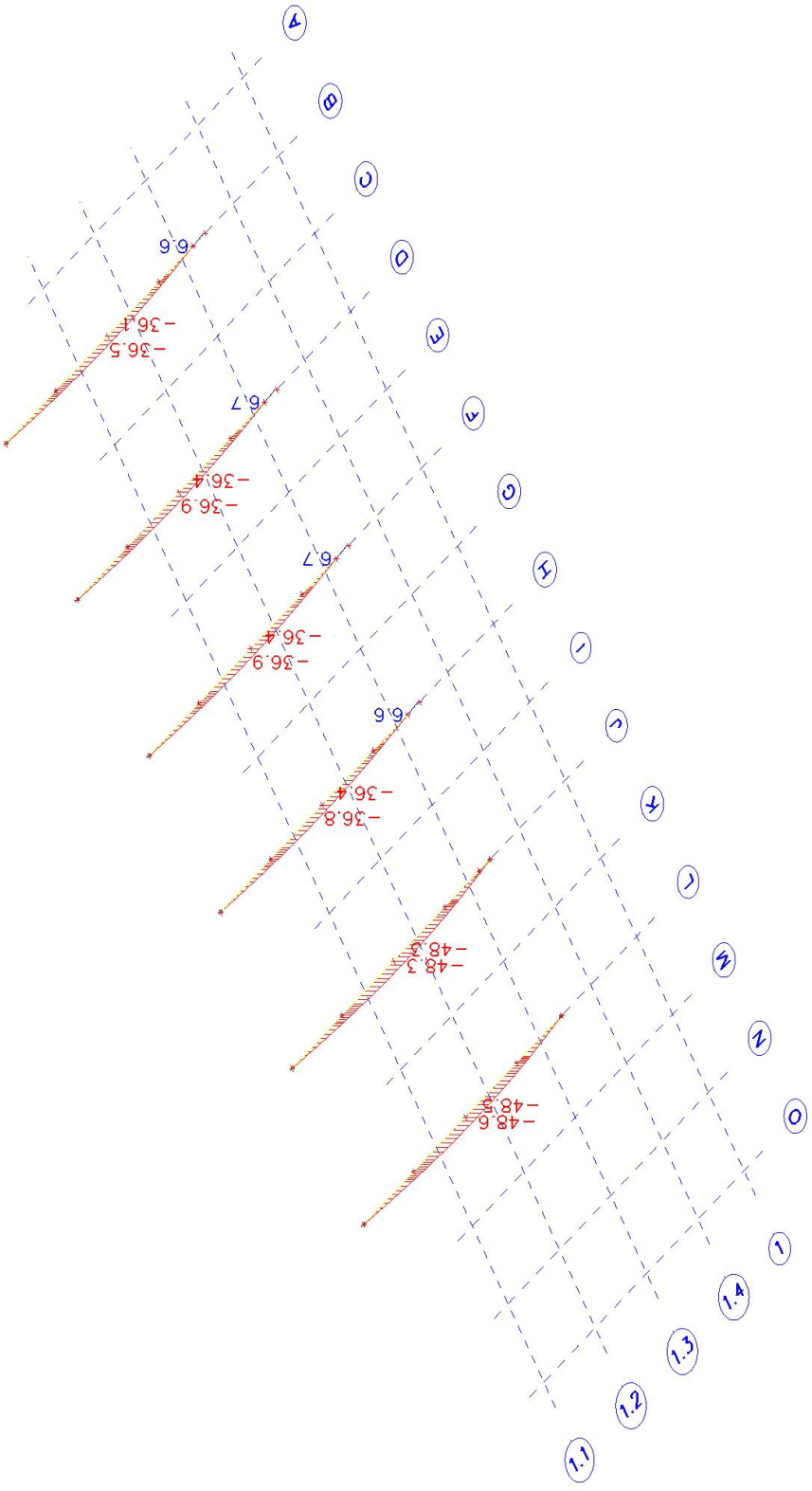
10.1. Internal forces; Vz



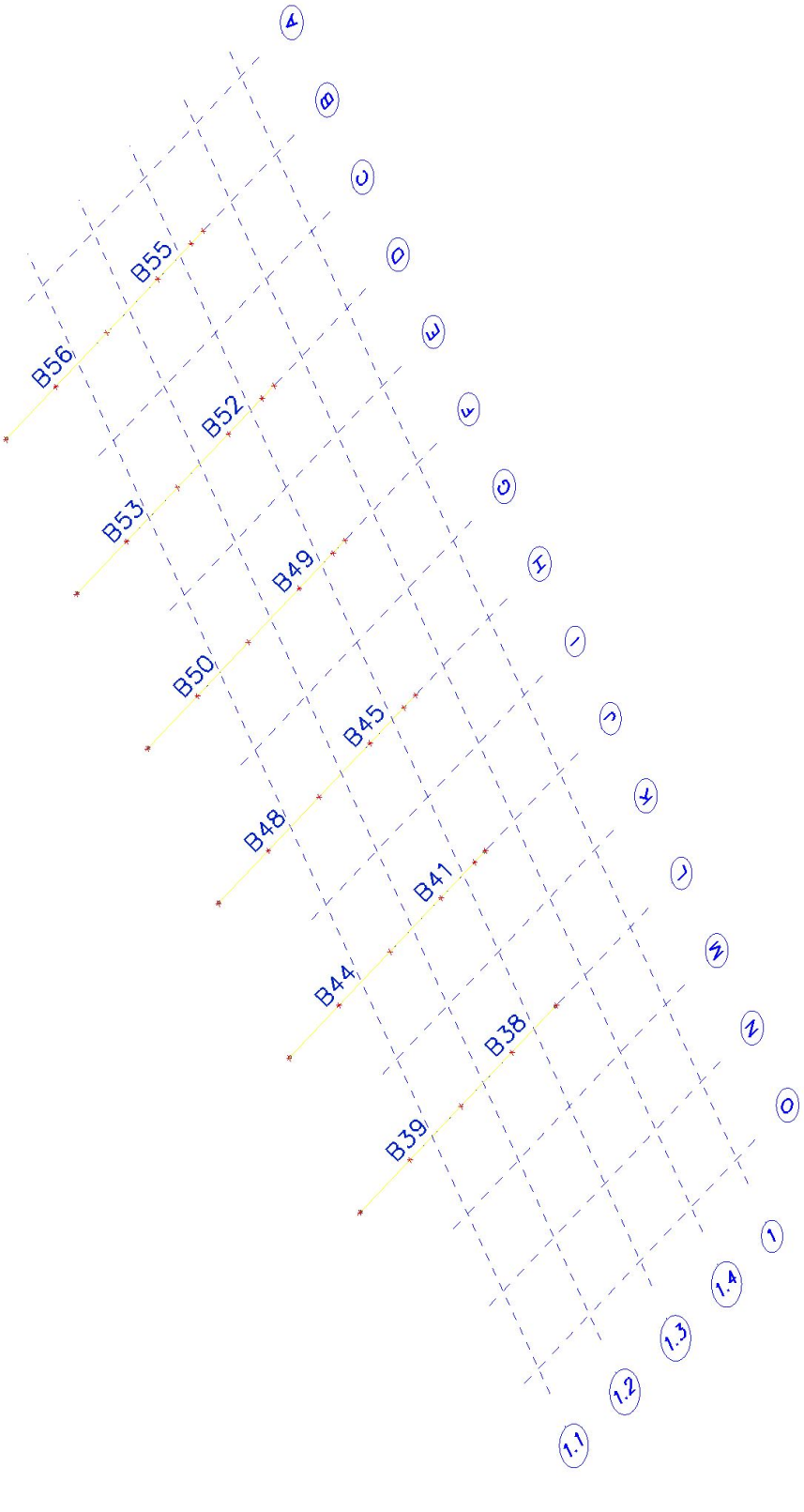
10.2. Internal forces; My



10.3. Deformation; uz



10.4. Name primary roof beams



10.5. Internal forces on primary roof beams

Lineárny výpočet, Extrém : Prvok, Systém : Hlavné
Výber : Všetko
Skupiny výsledkov : MSU(ULS)
Hladina : Väzníky

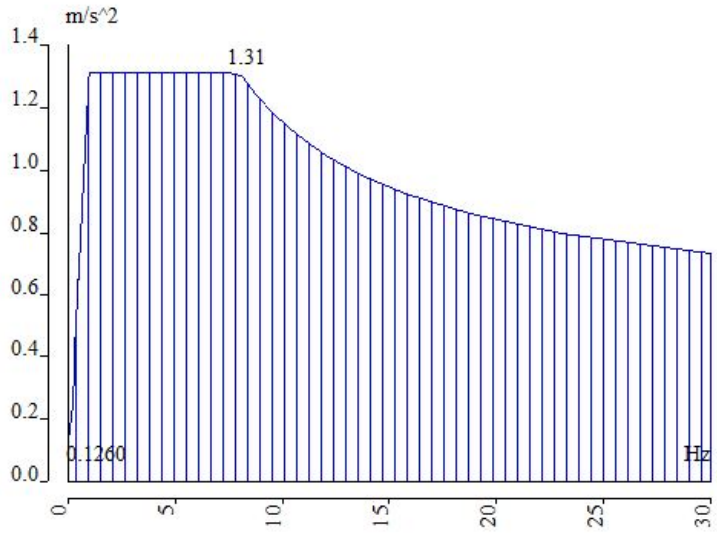
Prvok	css	dx [m]	Stav	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
B38	VK-KRAJ - I	0.000	CO1/4	**-17.02**	-0.27	-135.93	0.13	3471.78	2.65
B38	VK-KRAJ - I	0.000	CO1/3	**96.69**	**4.31**	-74.95	0.88	2059.96	**-36.83**
B38	VK-KRAJ - I	0.000	CO1/11	42.47	**-3.42**	-135.37	-0.47	3469.79	**29.66**
B38	VK-KRAJ - I	11.250	CO3/14	-4.40	-0.03	**-635.87**	0.24	**0.00**	0.00
B38	VK-KRAJ - I	0.000	CO1/15	-0.88	-0.01	**-62.36**	0.08	1806.45	0.15
B38	VK-KRAJ - I	0.000	CO1/12	43.19	-3.40	-74.95	**-0.52**	2059.98	29.56
B38	VK-KRAJ - I	6.000	CO1/1	95.96	2.09	-437.31	**0.98**	2450.40	-10.97
B38	VK-KRAJ - I	0.000	CO3/14	-4.40	-0.09	-199.56	0.14	**4569.19**	0.64
B39	VK-KRAJ - I	0.000	CO1/4	**-17.02**	0.68	479.45	0.00	0.00	0.00
B39	VK-KRAJ - I	0.000	CO1/3	**96.69**	**-5.75**	289.44	0.80	0.00	0.00
B39	VK-KRAJ - I	0.000	CO1/11	42.47	**4.52**	480.01	-0.60	0.00	0.00
B39	VK-KRAJ - I	11.890	CO1/15	-0.88	0.01	**46.23**	0.05	1806.03	0.15
B39	VK-KRAJ - I	0.000	CO3/16	-4.39	0.11	**614.67**	-0.06	**0.00**	0.00
B39	VK-KRAJ - I	0.000	CO1/20	42.78	4.51	390.21	**-0.61**	0.00	0.00
B39	VK-KRAJ - I	5.890	CO1/8	96.38	-0.49	145.06	**0.86**	2035.97	-33.86
B39	VK-KRAJ - I	11.890	CO3/16	-4.39	0.01	156.76	0.03	**4568.22**	0.66
B39	VK-KRAJ - I	11.890	CO1/3	96.69	-0.49	56.37	0.84	2059.49	**-36.83**
B39	VK-KRAJ - I	11.890	CO1/11	42.47	0.51	103.64	-0.54	3469.00	**29.66**
B41	VK-KRAJ - I	0.000	CO1/4	**-20.55**	-0.02	-136.63	-0.08	3453.72	2.50
B41	VK-KRAJ - I	0.000	CO1/3	**70.95**	3.94	-75.33	0.80	2055.07	**-36.53**
B41	VK-KRAJ - I	9.960	CO1/8	69.95	**-3.66**	-391.69	1.74	514.21	4.72
B41	VK-KRAJ - I	6.000	CO1/1	68.52	**4.45**	-427.37	2.17	2419.78	-12.91
B41	VK-KRAJ - I	11.250	CO3/14	-9.92	0.31	**-659.84**	2.13	**0.00**	0.00
B41	VK-KRAJ - I	0.000	CO1/15	-2.86	-0.02	**-62.57**	0.05	1803.86	0.15
B41	VK-KRAJ - I	0.000	CO1/20	38.60	-3.25	-114.45	**-0.84**	2825.67	29.50
B41	VK-KRAJ - I	6.000	CO3/19	1.95	0.61	-575.95	**2.23**	3170.39	-1.77
B41	VK-KRAJ - I	0.000	CO3/16	-9.59	-0.05	-201.52	-0.50	**4542.08**	0.63
B41	VK-KRAJ - I	0.000	CO1/11	37.60	-3.25	-136.35	-0.82	3457.02	**29.55**
B44	VK-KRAJ - I	0.000	CO1/4	**-20.55**	0.61	477.86	-0.08	0.00	0.00
B44	VK-KRAJ - I	0.000	CO1/3	**70.95**	**-5.73**	288.57	0.80	0.00	0.00
B44	VK-KRAJ - I	0.000	CO1/11	37.60	**4.52**	478.14	-0.82	0.00	0.00
B44	VK-KRAJ - I	11.890	CO1/15	-2.86	0.01	**45.82**	0.05	1804.63	0.15
B44	VK-KRAJ - I	0.000	CO3/16	-9.59	0.11	**611.23**	-0.50	**0.00**	0.00
B44	VK-KRAJ - I	0.000	CO1/20	38.60	4.52	388.55	**-0.84**	0.00	0.00
B44	VK-KRAJ - I	0.000	CO1/8	69.95	-5.73	378.16	**0.82**	0.00	0.00
B44	VK-KRAJ - I	11.890	CO3/16	-9.59	0.00	153.98	-0.50	**4543.95**	0.63
B44	VK-KRAJ - I	11.890	CO1/3	70.95	-0.46	55.74	0.80	2055.95	**-36.53**
B44	VK-KRAJ - I	11.890	CO1/11	37.60	0.48	102.21	-0.82	3458.48	**29.55**
B45	VK-KRAJ - I	9.960	CO1/7	**-25.14**	2.73	110.34	0.56	-143.39	-3.45
B45	VK-KRAJ - I	0.000	CO1/8	**50.68**	3.44	-132.45	1.84	2274.87	-36.08
B45	VK-KRAJ - I	6.000	CO1/10	38.00	**-7.01**	-355.13	-1.15	1261.51	12.56
B45	VK-KRAJ - I	6.000	CO1/21	50.10	**9.13**	-377.27	1.82	1353.27	-15.50
B45	VK-KRAJ - I	9.960	CO3/14	-1.77	-0.23	**-643.59**	0.18	-252.11	-0.66
B45	VK-KRAJ - I	9.960	CO1/18	6.04	1.22	**148.04**	0.77	-246.82	-1.25
B45	VK-KRAJ - I	0.000	CO1/12	37.77	-2.74	-102.12	**-1.19**	1742.03	28.97
B45	VK-KRAJ - I	0.000	CO1/1	50.33	3.43	-179.75	**1.86**	2950.01	-36.03
B45	VK-KRAJ - I	9.960	CO1/4	-8.53	-1.45	-505.86	0.13	**-286.82**	-3.91
B45	VK-KRAJ - I	0.000	CO3/16	-2.14	-0.06	-253.99	0.16	**3929.59**	0.66
B45	VK-KRAJ - I	0.000	CO1/3	50.44	3.44	-102.28	1.81	1740.08	**-36.13**
B45	VK-KRAJ - I	0.000	CO1/11	37.65	-2.75	-179.59	-1.13	2951.97	**29.07**
B48	VK-KRAJ - I	0.000	CO1/7	**-11.51**	0.45	355.97	-0.05	0.00	0.00
B48	VK-KRAJ - I	0.000	CO1/8	**50.68**	-5.70	342.94	1.84	0.00	0.00
B48	VK-KRAJ - I	0.000	CO1/3	50.44	**-5.70**	261.61	1.81	0.00	0.00
B48	VK-KRAJ - I	0.000	CO1/11	37.65	**4.54**	434.90	-1.13	0.00	0.00
B48	VK-KRAJ - I	11.890	CO1/15	0.66	0.01	**22.21**	0.11	1527.20	0.14
B48	VK-KRAJ - I	0.000	CO3/16	-2.14	0.10	**558.76**	0.16	**0.00**	0.00
B48	VK-KRAJ - I	0.000	CO1/12	37.77	4.53	261.78	**-1.19**	0.00	0.00
B48	VK-KRAJ - I	0.000	CO1/1	50.33	-5.69	434.74	**1.86**	0.00	0.00
B48	VK-KRAJ - I	11.890	CO3/16	-2.14	0.01	101.51	0.16	**3927.69**	0.66

Prvok	css	dx [m]	Stav	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
B48	VK-KRAJ - I	11.890	CO1/3	50.44	-0.42	28.79	1.81	1739.20	**-36.13**
B48	VK-KRAJ - I	11.890	CO1/11	37.65	0.38	58.98	-1.13	2950.50	**29.07**
B49	VK-KRAJ - I	9.960	CO1/7	**-22.83**	2.51	114.45	0.01	-139.25	-2.78
B49	VK-KRAJ - I	0.000	CO1/8	**48.55**	3.49	-131.72	2.03	2279.92	-36.28
B49	VK-KRAJ - I	6.000	CO1/11	36.21	**-7.59**	-459.02	-1.33	1669.82	12.78
B49	VK-KRAJ - I	6.000	CO1/3	48.23	**9.65**	-271.69	2.00	970.09	-15.38
B49	VK-KRAJ - I	9.960	CO3/14	-1.71	-0.23	**-641.63**	0.16	-213.49	-0.68
B49	VK-KRAJ - I	9.960	CO1/18	6.18	0.88	**153.19**	0.01	-210.97	-0.91
B49	VK-KRAJ - I	0.000	CO1/12	36.27	-2.71	-101.54	**-1.39**	1746.19	29.03
B49	VK-KRAJ - I	0.000	CO1/1	48.17	3.48	-178.65	**2.05**	2958.54	-36.23
B49	VK-KRAJ - I	9.960	CO1/4	-8.82	-1.17	-503.84	0.10	**-245.87**	-3.38
B49	VK-KRAJ - I	0.000	CO3/16	-1.75	-0.07	-252.24	0.14	**3944.53**	0.69
B49	VK-KRAJ - I	0.000	CO1/3	48.23	3.49	-101.74	2.00	1743.81	**-36.33**
B49	VK-KRAJ - I	0.000	CO1/11	36.21	-2.72	-178.45	-1.33	2960.92	**29.12**
B50	VK-KRAJ - I	0.000	CO1/7	**-9.41**	0.39	356.23	-0.07	0.00	0.00
B50	VK-KRAJ - I	0.000	CO1/8	**48.55**	-5.68	343.67	2.03	0.00	0.00
B50	VK-KRAJ - I	0.000	CO1/3	48.23	**-5.69**	262.16	2.00	0.00	0.00
B50	VK-KRAJ - I	0.000	CO1/11	36.21	**4.56**	436.04	-1.33	0.00	0.00
B50	VK-KRAJ - I	11.890	CO1/15	0.92	0.01	**22.74**	0.09	1531.73	0.14
B50	VK-KRAJ - I	0.000	CO3/16	-1.75	0.10	**560.50**	0.14	**0.00**	0.00
B50	VK-KRAJ - I	0.000	CO1/12	36.27	4.55	262.36	**-1.39**	0.00	0.00
B50	VK-KRAJ - I	0.000	CO1/1	48.17	-5.67	435.84	**2.05**	0.00	0.00
B50	VK-KRAJ - I	11.890	CO3/16	-1.75	0.02	103.26	0.14	**3944.54**	0.69
B50	VK-KRAJ - I	11.890	CO1/3	48.23	-0.47	29.34	2.00	1743.81	**-36.33**
B50	VK-KRAJ - I	11.890	CO1/11	36.21	0.38	60.12	-1.33	2960.92	**29.12**
B52	VK-KRAJ - I	9.960	CO1/7	**-24.02**	3.12	114.51	0.00	-138.29	-3.47
B52	VK-KRAJ - I	0.000	CO1/8	**47.05**	3.52	-131.70	2.02	2280.08	-36.41
B52	VK-KRAJ - I	6.000	CO1/11	44.51	**-7.86**	-459.14	-1.35	1667.64	12.88
B52	VK-KRAJ - I	6.000	CO1/3	46.68	**10.07**	-271.66	1.99	970.53	-15.34
B52	VK-KRAJ - I	9.960	CO3/14	-1.57	-0.25	**-641.64**	0.16	-213.74	-0.77
B52	VK-KRAJ - I	9.960	CO1/35	25.49	-1.09	**153.25**	-0.05	-214.35	2.01
B52	VK-KRAJ - I	0.000	CO1/12	44.52	-2.70	-101.65	**-1.40**	1744.76	29.06
B52	VK-KRAJ - I	0.000	CO1/1	46.67	3.51	-178.63	**2.05**	2958.68	-36.37
B52	VK-KRAJ - I	9.960	CO1/4	-8.60	-1.14	-503.81	0.10	**-245.29**	-3.59
B52	VK-KRAJ - I	0.000	CO3/16	-1.80	-0.08	-252.25	0.14	**3944.30**	0.70
B52	VK-KRAJ - I	0.000	CO1/3	46.68	3.52	-101.71	1.99	1744.04	**-36.46**
B52	VK-KRAJ - I	0.000	CO1/11	44.51	-2.71	-178.57	-1.35	2959.40	**29.15**
B53	VK-KRAJ - I	0.000	CO1/7	**-10.66**	0.34	356.25	-0.07	0.00	0.00
B53	VK-KRAJ - I	0.000	CO1/8	**47.05**	-5.67	343.69	2.02	0.00	0.00
B53	VK-KRAJ - I	0.000	CO1/3	46.68	**-5.68**	262.18	1.99	0.00	0.00
B53	VK-KRAJ - I	0.000	CO1/11	44.51	**4.59**	435.92	-1.35	0.00	0.00
B53	VK-KRAJ - I	11.890	CO1/15	1.06	0.01	**22.72**	0.09	1531.54	0.14
B53	VK-KRAJ - I	0.000	CO3/16	-1.80	0.09	**560.49**	0.14	**0.00**	0.00
B53	VK-KRAJ - I	0.000	CO1/12	44.52	4.58	262.24	**-1.40**	0.00	0.00
B53	VK-KRAJ - I	5.890	CO1/1	46.67	-0.50	132.44	**2.05**	2378.76	-33.34
B53	VK-KRAJ - I	11.890	CO3/16	-1.80	0.03	103.24	0.14	**3944.31**	0.70
B53	VK-KRAJ - I	11.890	CO1/3	46.68	-0.50	29.36	1.99	1744.05	**-36.46**
B53	VK-KRAJ - I	11.890	CO1/11	44.51	0.35	59.99	-1.35	2959.41	**29.15**
B55	VK-KRAJ - I	9.960	CO1/7	**-26.61**	4.86	115.68	0.08	-166.60	-5.76
B55	VK-KRAJ - I	0.000	CO1/10	**56.36**	-2.67	-133.46	-1.39	2258.51	29.08
B55	VK-KRAJ - I	6.000	CO1/11	56.15	**-8.10**	-461.85	-1.43	1637.14	13.04
B55	VK-KRAJ - I	6.000	CO1/3	45.94	**10.82**	-273.14	1.93	954.25	-15.78
B55	VK-KRAJ - I	9.960	CO3/14	-0.33	-0.30	**-645.18**	0.02	-261.87	-0.92
B55	VK-KRAJ - I	9.960	CO1/9	31.09	-0.22	**155.14**	0.22	-255.67	-0.70
B55	VK-KRAJ - I	6.000	CO1/20	55.60	-8.07	-378.50	**-1.45**	1343.28	13.00
B55	VK-KRAJ - I	0.000	CO1/1	46.29	3.43	-180.79	**1.99**	2933.56	-36.31
B55	VK-KRAJ - I	9.960	CO1/4	-6.86	-1.39	-506.72	0.02	**-281.97**	-4.62
B55	VK-KRAJ - I	0.000	CO3/16	-1.01	-0.07	-255.14	0.08	**3912.28**	0.70
B55	VK-KRAJ - I	0.000	CO1/3	45.94	3.44	-102.97	1.96	1728.86	**-36.40**
B55	VK-KRAJ - I	0.000	CO1/11	56.15	-2.68	-180.89	-1.38	2931.94	**29.13**
B56	VK-KRAJ - I	0.000	CO1/7	**-12.51**	0.30	355.53	0.02	0.00	0.00
B56	VK-KRAJ - I	0.000	CO1/10	**56.36**	4.61	342.56	-1.29	0.00	0.00
B56	VK-KRAJ - I	0.000	CO1/3	45.94	**-5.68**	261.42	2.03	0.00	0.00
B56	VK-KRAJ - I	0.000	CO1/11	56.15	**4.62**	434.50	-1.25	0.00	0.00
B56	VK-KRAJ - I	11.890	CO1/15	1.59	0.00	**21.76**	0.11	1516.72	0.13
B56	VK-KRAJ - I	0.000	CO3/16	-1.01	0.09	**558.94**	0.28	**0.00**	0.00

Prvok	css	dx [m]	Stav	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
B56	VK-KRAJ - I	5.890	CO1/12	55.81	0.32	81.96	**-1.38**	1393.79	27.10
B56	VK-KRAJ - I	0.000	CO1/1	46.29	-5.66	434.59	**2.12**	0.00	0.00
B56	VK-KRAJ - I	11.890	CO3/16	-1.01	0.03	101.02	0.18	**3909.76**	0.70
B56	VK-KRAJ - I	11.890	CO1/3	45.94	-0.49	28.35	1.99	1727.89	**-36.40**
B56	VK-KRAJ - I	11.890	CO1/11	56.15	0.32	58.12	-1.31	2930.35	**29.13**

11. SEISMICITY

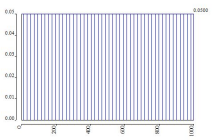
11.1. Seizmické spekrá

Názov JedinečnéID	Typ zobrazenia	Info	Kreslenie
FS1	Frekvencia	Typ normy - EN 1998-1:2004 – Eurokód Typ podložia - C Smer - Horizontálny Typ spektra - typ 1 súč. zrýchl. ag - 0.0642202 ag - návrhové zrýchlenie - 0.63 beta - 0.2 q - faktor správania - 1.5	

11.2. Tlmenie

Názov	Frek./Útlm
CQC1	0.00[Hz] / 0.05[] 1000.00[Hz] / 0.05[]

Kreslenie

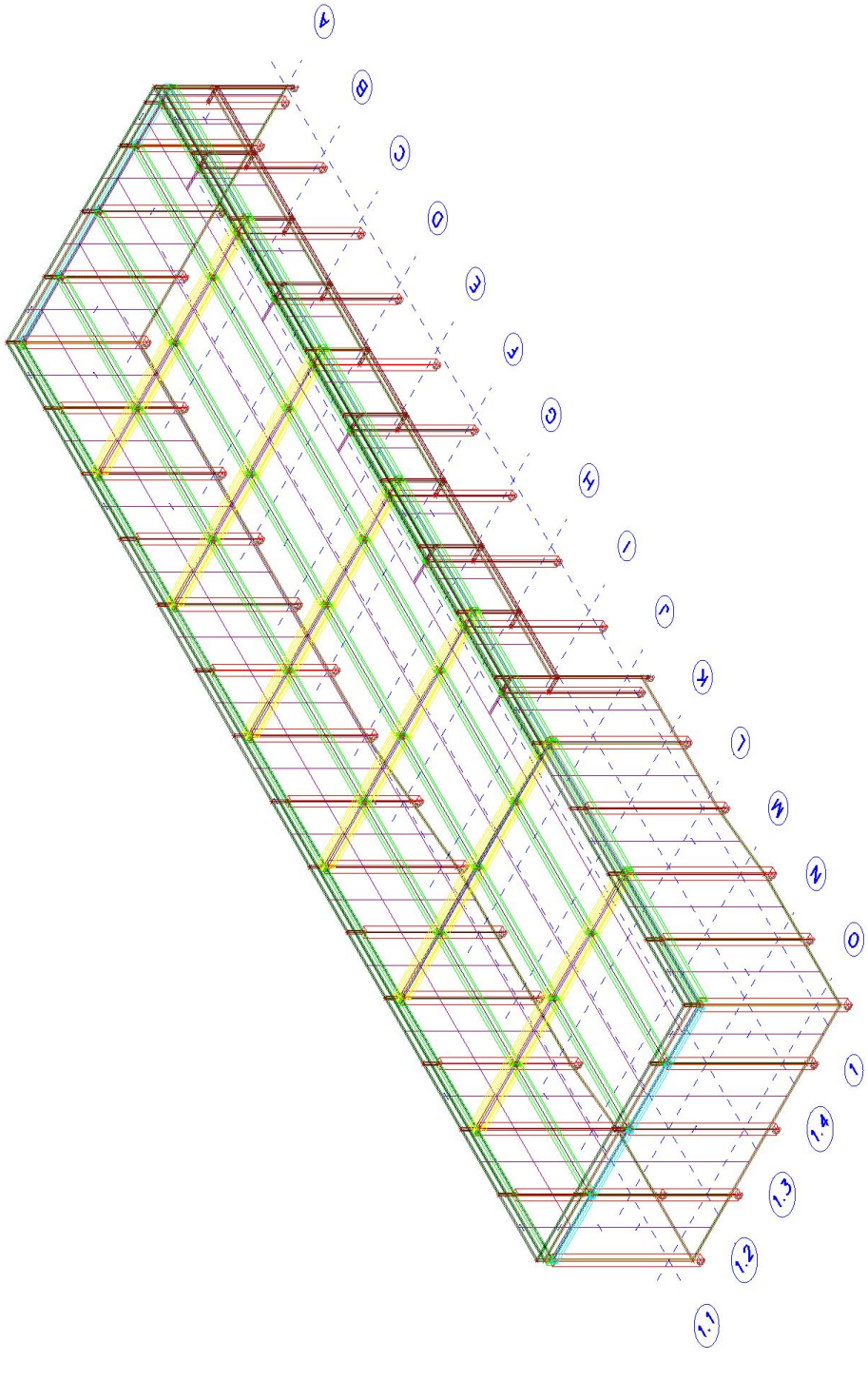


11.3. Skupiny hmôt

11.3.1. Skupiny hmôt - MG1

Názov	Zaťažovací stav	Popis
MG1	LC1 - vlastná tiaž (self weight)	vlastná tiaž(self weight)

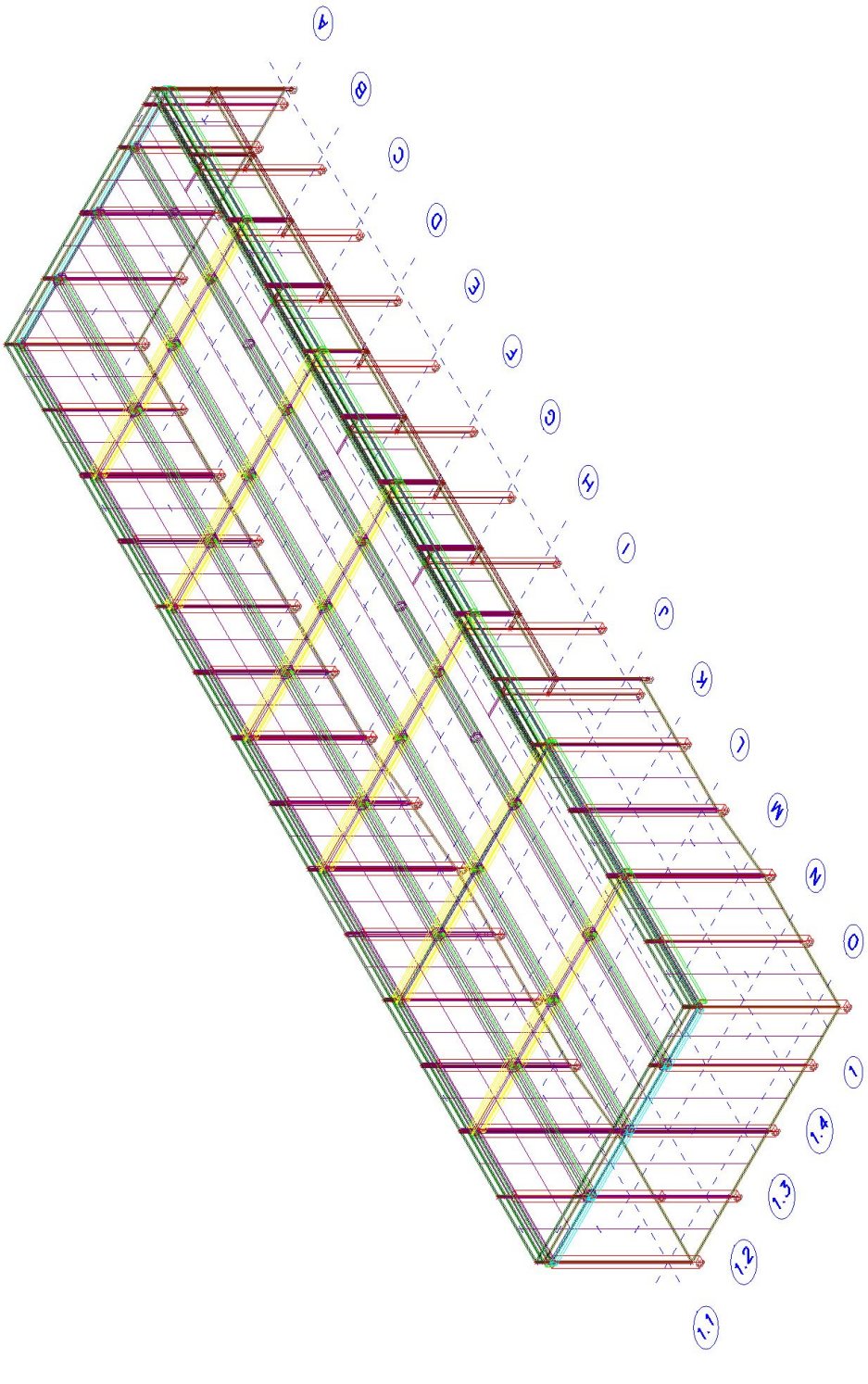
11.3.1.1. Mass



11.3.2. Skupiny hmôt - MG2

Názov	Zaťažovací stav	Popis
MG2	LC2 - stále zaťaženie(Dead load)	stále zaťaženie(Perpetually load)

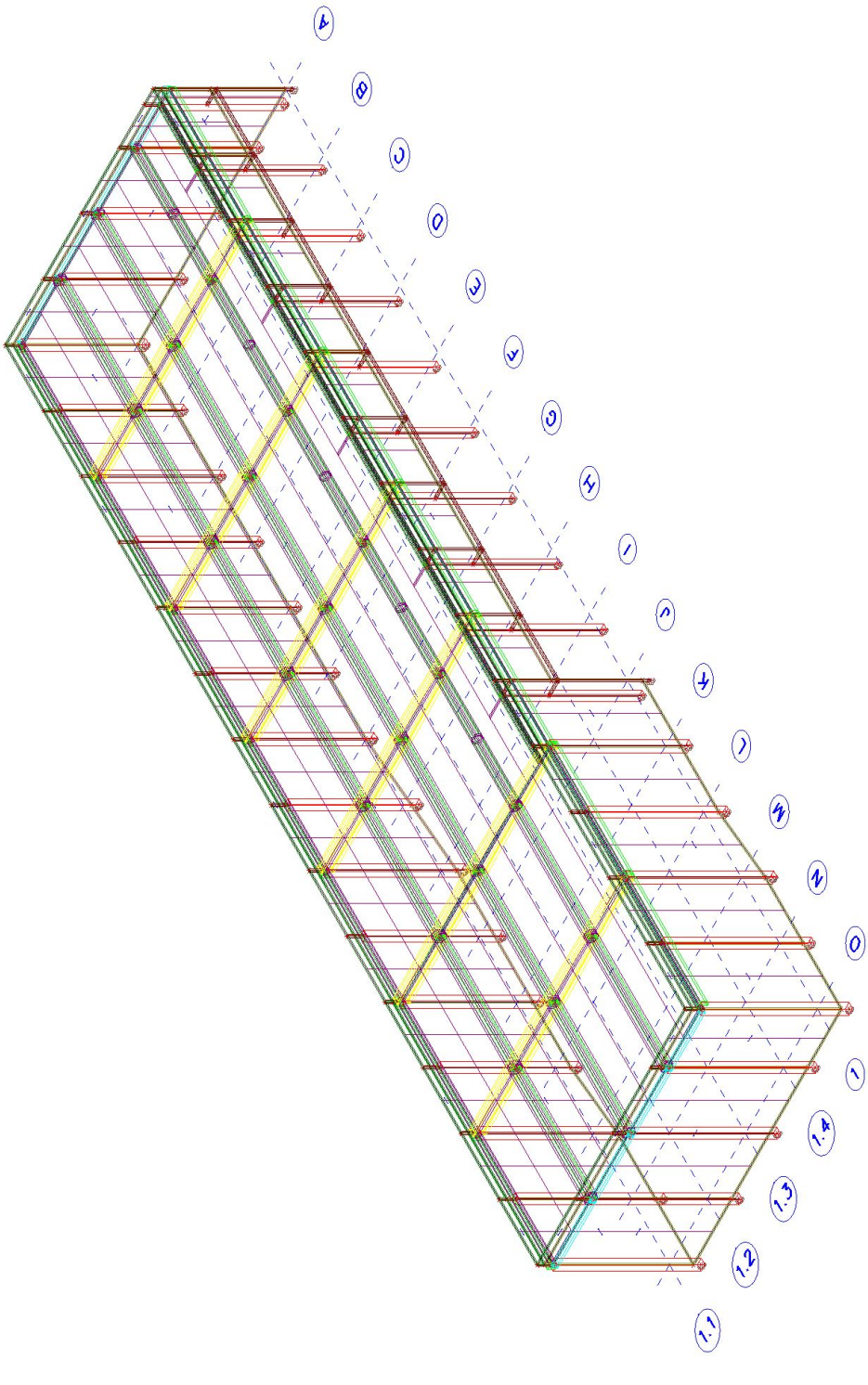
11.3.2.1. Mass



11.3.3. Skupiny hmôt - MG3

Názov	Zaťažovací stav	Popis
MG3	LC3 - sneh(snow)	sneh(snow)

11.3.3.1. Mass



11.4. Kombinácia skupín hmôt

Názov	Skupina hmôt	Súč. [-]
CM1	MG1 - vlastná tiaž(self weight)	1.00
	MG2 - stále zaťaženie(Perpetually load)	1.00
	MG3 - sneh(snow)	0.20
CM1/1 - 0,82		
CM1/2 - 0,94		
CM1/3 - 0,98		
CM1/4 - 1,05		
CM1/5 - 1,11		
CM1/6 - 1,17		
CM1/7 - 1,23		
CM1/8 - 1,26		
CM1/9 - 1,41		
CM1/10 - 1,49		
CM1/11 - 1,50		
CM1/12 - 1,50		
CM1/13 - 1,52		
CM1/14 - 1,52		
CM1/15 - 1,52		
CM1/16 - 1,52		
CM1/17 - 1,52		
CM1/18 - 1,52		
CM1/19 - 1,53		
CM1/20 - 1,56		
CM1/21 - 1,57		
CM1/22 - 1,57		
CM1/23 - 1,57		
CM1/24 - 1,58		
CM1/25 - 1,62		
CM1/26 - 1,67		
CM1/27 - 1,76		
CM1/28 - 1,87		
CM1/29 - 1,93		
CM1/30 - 1,97		
CM1/31 - 2,00		
CM1/32 - 2,20		
CM1/33 - 2,83		
CM1/34 - 3,04		
CM1/35 - 3,04		
CM1/36 - 3,19		
CM1/37 - 3,38		
CM1/38 - 3,53		
CM1/39 - 3,70		
CM1/40 - 3,74		
CM1/41 - 3,81		
CM1/42 - 3,86		
CM1/43 - 3,91		
CM1/44 - 3,98		
CM1/45 - 4,14		
CM1/46 - 4,66		
CM1/47 - 4,82		
CM1/48 - 4,87		
CM1/49 - 5,03		
CM1/50 - 5,12		
CM1/51 - 5,19		
CM1/52 - 5,28		
CM1/53 - 5,32		
CM1/54 - 5,35		
CM1/55 - 5,39		
CM1/56 - 5,41		
CM1/57 - 5,44		
CM1/58 - 5,46		
CM1/59 - 5,51		
CM1/60 - 5,52		
CM1/61 - 5,53		

Názov	Skupina hmôt	Súč. [-]
CM1/62 - 5,53		
CM1/63 - 5,55		
CM1/64 - 5,57		
CM1/65 - 5,59		
CM1/66 - 5,69		
CM1/67 - 5,71		
CM1/68 - 5,74		
CM1/69 - 5,75		
CM1/70 - 5,81		
CM1/71 - 5,91		
CM1/72 - 5,98		
CM1/73 - 5,98		
CM1/74 - 6,02		
CM1/75 - 6,04		
CM1/76 - 6,04		
CM1/77 - 6,04		
CM1/78 - 6,04		
CM1/79 - 6,04		
CM1/80 - 6,04		
CM1/81 - 6,06		
CM1/82 - 6,08		
CM1/83 - 6,10		
CM1/84 - 6,13		
CM1/85 - 6,16		
CM1/86 - 6,19		
CM1/87 - 6,21		
CM1/88 - 6,22		
CM1/89 - 6,23		
CM1/90 - 6,29		
CM1/91 - 6,35		
CM1/92 - 6,37		
CM1/93 - 6,39		
CM1/94 - 6,40		
CM1/95 - 6,42		
CM1/96 - 6,47		
CM1/97 - 6,49		
CM1/98 - 6,49		
CM1/99 - 6,56		
CM1/100 - 6,57		
CM1/101 - 6,65		
CM1/102 - 6,72		
CM1/103 - 6,77		
CM1/104 - 6,78		
CM1/105 - 6,81		
CM1/106 - 7,04		
CM1/107 - 7,55		
CM1/108 - 7,59		
CM1/109 - 7,61		
CM1/110 - 7,65		
CM1/111 - 7,67		
CM1/112 - 7,74		
CM1/113 - 8,25		
CM1/114 - 8,62		
CM1/115 - 8,69		
CM1/116 - 8,72		
CM1/117 - 8,77		
CM1/118 - 8,80		
CM1/119 - 8,80		
CM1/120 - 8,92		
CM1/121 - 8,98		
CM1/122 - 9,29		
CM1/123 - 9,46		
CM1/124 - 9,63		
CM1/125 - 9,72		
CM1/126 - 9,80		
CM1/127 - 9,86		

Názov	Skupina hmôt	Súč. [-]
CM1/128 - 9,89		
CM1/129 - 9,91		
CM1/130 - 9,92		
CM1/131 - 9,93		
CM1/132 - 9,98		
CM1/133 - 10,08		
CM1/134 - 10,09		
CM1/135 - 10,19		
CM1/136 - 10,27		
CM1/137 - 10,33		
CM1/138 - 10,37		
CM1/139 - 10,44		
CM1/140 - 10,53		
CM1/141 - 10,68		
CM1/142 - 11,08		
CM1/143 - 11,13		
CM1/144 - 11,26		
CM1/145 - 11,31		
CM1/146 - 11,34		
CM1/147 - 11,43		
CM1/148 - 11,72		
CM1/149 - 11,86		
CM1/150 - 11,92		
CM1/151 - 12,05		
CM1/152 - 12,12		
CM1/153 - 12,21		
CM1/154 - 12,28		
CM1/155 - 12,31		
CM1/156 - 12,34		
CM1/157 - 12,37		
CM1/158 - 12,39		
CM1/159 - 12,43		
CM1/160 - 12,44		
CM1/161 - 12,46		
CM1/162 - 12,49		
CM1/163 - 12,50		
CM1/164 - 12,56		
CM1/165 - 12,56		
CM1/166 - 12,60		
CM1/167 - 12,65		
CM1/168 - 12,67		
CM1/169 - 12,70		
CM1/170 - 12,72		
CM1/171 - 12,75		
CM1/172 - 12,76		
CM1/173 - 12,77		
CM1/174 - 12,77		
CM1/175 - 12,78		
CM1/176 - 12,79		
CM1/177 - 12,88		
CM1/178 - 12,93		
CM1/179 - 12,94		
CM1/180 - 12,94		
CM1/181 - 12,95		
CM1/182 - 12,96		
CM1/183 - 12,97		
CM1/184 - 13,04		
CM1/185 - 13,15		
CM1/186 - 13,20		
CM1/187 - 13,20		
CM1/188 - 13,21		
CM1/189 - 13,30		
CM1/190 - 13,33		
CM1/191 - 13,33		
CM1/192 - 13,33		
CM1/193 - 13,33		

Názov	Skupina hmôt	Súč. [-]
CM1/194 - 13,34		
CM1/195 - 13,34		
CM1/196 - 13,35		
CM1/197 - 13,36		
CM1/198 - 13,38		
CM1/199 - 13,40		
CM1/200 - 13,44		
CM1/201 - 13,47		
CM1/202 - 13,52		
CM1/203 - 13,54		
CM1/204 - 13,58		
CM1/205 - 13,61		
CM1/206 - 13,83		
CM1/207 - 13,92		
CM1/208 - 13,96		
CM1/209 - 13,97		
CM1/210 - 14,02		
CM1/211 - 14,10		
CM1/212 - 14,11		
CM1/213 - 14,13		
CM1/214 - 14,14		
CM1/215 - 14,16		
CM1/216 - 14,20		
CM1/217 - 14,22		
CM1/218 - 14,23		
CM1/219 - 14,25		
CM1/220 - 14,31		
CM1/221 - 14,34		
CM1/222 - 14,47		
CM1/223 - 14,50		
CM1/224 - 14,51		
CM1/225 - 14,52		
CM1/226 - 14,53		
CM1/227 - 14,54		
CM1/228 - 14,56		
CM1/229 - 14,63		
CM1/230 - 14,71		
CM1/231 - 14,75		
CM1/232 - 14,76		
CM1/233 - 14,78		
CM1/234 - 14,78		
CM1/235 - 14,79		
CM1/236 - 14,79		
CM1/237 - 14,79		
CM1/238 - 14,80		
CM1/239 - 14,81		
CM1/240 - 14,83		
CM1/241 - 14,86		
CM1/242 - 14,86		
CM1/243 - 14,91		
CM1/244 - 14,94		
CM1/245 - 14,97		
CM1/246 - 15,07		
CM1/247 - 15,14		
CM1/248 - 15,21		
CM1/249 - 15,28		
CM1/250 - 15,53		
CM1/251 - 15,69		
CM1/252 - 15,82		
CM1/253 - 15,87		
CM1/254 - 15,96		
CM1/255 - 16,13		
CM1/256 - 16,16		
CM1/257 - 16,27		
CM1/258 - 16,32		
CM1/259 - 16,37		

Názov	Skupina hmôt	Súč. [-]
CM1/260 - 16,39		
CM1/261 - 16,42		
CM1/262 - 16,42		
CM1/263 - 16,48		
CM1/264 - 16,49		
CM1/265 - 16,54		
CM1/266 - 16,63		
CM1/267 - 16,65		
CM1/268 - 16,70		
CM1/269 - 16,78		
CM1/270 - 16,79		
CM1/271 - 17,37		
CM1/272 - 17,42		
CM1/273 - 17,47		
CM1/274 - 17,47		
CM1/275 - 17,57		
CM1/276 - 17,91		
CM1/277 - 18,05		
CM1/278 - 18,06		
CM1/279 - 18,09		
CM1/280 - 18,13		
CM1/281 - 18,14		
CM1/282 - 18,22		
CM1/283 - 18,33		
CM1/284 - 18,39		
CM1/285 - 18,43		
CM1/286 - 18,46		
CM1/287 - 18,54		
CM1/288 - 18,62		
CM1/289 - 19,11		
CM1/290 - 19,23		
CM1/291 - 19,30		
CM1/292 - 19,38		
CM1/293 - 19,40		
CM1/294 - 20,11		
CM1/295 - 20,65		
CM1/296 - 21,04		
CM1/297 - 21,06		
CM1/298 - 21,13		
CM1/299 - 21,23		
CM1/300 - 21,27		

11.5. Protokol o výpočte

Výpočet vlastných tvarov

Počet 2D prvkov	**0**
Počet 1D prvkov	**1436**
Počet uzlov siete	**1380**
Počet rovníc	**8280**
Kombinácia skupín hmôt	MK 1 CM1
Počet frekvencií	300
Metóda	Lanczos
Ohybová teória	Mindlin
Typ výpočtového modelu	Štandard
Spustenie výpočtu	07.03.2022 16:05
Koniec výpočtu	07.03.2022 16:05

Suma hmôt

[kg]	X	Y	Z
Kombinácia skupín hmôt 1	878038.11	878038.11	878038.11

Relative modal masses

Režim	Omega [rad/s]	Perióda [s]	Frekv. [Hz]	Wxi / Wxtot	Wyi / Wytot	Wzi / Wztot	Wxi_R / Wxtot_R	Wyi_R / Wytot_R	Wzi_R / Wztot_R
1	5.1336	1.2239	0.8170	0.0000	0.7005	0.0000	0.0018	0.0000	0.0007
2	5.8825	1.0681	0.9362	0.4562	0.0000	0.0000	0.0000	0.0089	0.1333
3	6.1565	1.0206	0.9798	0.0016	0.0000	0.0000	0.0000	0.0002	0.1426
4	6.5683	0.9566	1.0454	0.2470	0.0000	0.0000	0.0000	0.0058	0.1469
5	6.9803	0.9001	1.1109	0.0025	0.0000	0.0000	0.0000	0.0001	0.0777
6	7.3308	0.8571	1.1667	0.0053	0.0000	0.0000	0.0000	0.0000	0.0000
7	7.7444	0.8113	1.2326	0.0000	0.0009	0.0000	0.0000	0.0000	0.0754
8	7.9374	0.7916	1.2633	0.0043	0.0000	0.0000	0.0000	0.0002	0.0263
9	8.8479	0.7101	1.4082	0.0170	0.0000	0.0000	0.0000	0.0000	0.0139
10	9.3771	0.6701	1.4924	0.0011	0.0000	0.0000	0.0000	0.0000	0.0213
11	9.4438	0.6653	1.5030	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12	9.4447	0.6653	1.5032	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
13	9.5225	0.6598	1.5156	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14	9.5225	0.6598	1.5156	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15	9.5226	0.6598	1.5156	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
16	9.5226	0.6598	1.5156	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
17	9.5227	0.6598	1.5156	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
18	9.5548	0.6576	1.5207	0.0001	0.0001	0.0000	0.0000	0.0000	0.0003
19	9.6327	0.6523	1.5331	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
20	9.8151	0.6402	1.5621	0.0000	0.0001	0.0000	0.0000	0.0000	0.0011
21	9.8654	0.6369	1.5701	0.0013	0.0000	0.0000	0.0000	0.0000	0.0001
22	9.8821	0.6358	1.5728	0.0000	0.0000	0.0000	0.0000	0.0000	0.0008
23	9.8915	0.6352	1.5743	0.0012	0.0000	0.0000	0.0000	0.0000	0.0003
24	9.9587	0.6309	1.5850	0.0011	0.0002	0.0000	0.0000	0.0000	0.0037
25	10.2068	0.6156	1.6245	0.0000	0.1500	0.0000	0.0000	0.0000	0.0047
26	10.4700	0.6001	1.6663	0.0027	0.0000	0.0000	0.0000	0.0000	0.0000
27	11.0486	0.5687	1.7584	0.0000	0.0000	0.0000	0.0000	0.0000	0.0058
28	11.7383	0.5353	1.8682	0.0004	0.0000	0.0000	0.0000	0.0000	0.0007
29	12.1068	0.5190	1.9269	0.0000	0.0000	0.0000	0.0000	0.0000	0.0028
30	12.3857	0.5073	1.9713	0.0257	0.0000	0.0000	0.0000	0.0001	0.0533
31	12.5645	0.5001	1.9997	0.0379	0.0000	0.0000	0.0000	0.0000	0.0003
32	13.8494	0.4537	2.2042	0.0462	0.0000	0.0000	0.0000	0.0000	0.0984
33	17.7634	0.3537	2.8271	0.0000	0.0000	0.1974	0.0866	0.0001	0.0000
34	19.0837	0.3292	3.0373	0.0000	0.0002	0.0000	0.0000	0.0000	0.0021
35	19.1063	0.3289	3.0409	0.0000	0.0000	0.1100	0.0942	0.0031	0.0000
36	20.0661	0.3131	3.1936	0.0000	0.0000	0.0186	0.0069	0.0001	0.0000
37	21.2625	0.2955	3.3840	0.0000	0.0000	0.0000	0.0393	0.0000	0.0000
38	22.1575	0.2836	3.5265	0.0000	0.0012	0.0000	0.0001	0.0000	0.0000
39	23.2705	0.2700	3.7036	0.0000	0.0000	0.0070	0.0016	0.0009	0.0000
40	23.5254	0.2671	3.7442	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000
41	23.9260	0.2626	3.8079	0.0001	0.0000	0.0000	0.0007	0.0000	0.0003
42	24.2647	0.2589	3.8618	0.0001	0.0000	0.0051	0.0009	0.0024	0.0002
43	24.5899	0.2555	3.9136	0.0000	0.0000	0.0000	0.0044	0.0001	0.0001
44	24.9826	0.2515	3.9761	0.0000	0.0000	0.0148	0.0068	0.0113	0.0000
45	26.0054	0.2416	4.1389	0.0000	0.0000	0.0002	0.0067	0.0000	0.0000
46	29.2494	0.2148	4.6552	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
47	30.2830	0.2075	4.8197	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
48	30.6043	0.2053	4.8708	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
49	31.6023	0.1988	5.0297	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
50	32.1404	0.1955	5.1153	0.0001	0.0000	0.0000	0.0000	0.0001	0.0000
51	32.6200	0.1926	5.1916	0.0000	0.0000	0.0005	0.0000	0.0004	0.0001
52	33.1884	0.1893	5.2821	0.0000	0.0000	0.0000	0.0000	0.0349	0.0000
53	33.4204	0.1880	5.3190	0.0002	0.0000	0.0001	0.0008	0.0002	0.0000
54	33.6149	0.1869	5.3500	0.0000	0.0000	0.0008	0.0007	0.0089	0.0000
55	33.8535	0.1856	5.3880	0.0000	0.0006	0.0000	0.0000	0.0000	0.0000
56	33.9662	0.1850	5.4059	0.0000	0.0000	0.0002	0.0002	0.0004	0.0000
57	34.2042	0.1837	5.4438	0.0003	0.0000	0.0055	0.0038	0.0149	0.0001
58	34.3125	0.1831	5.4610	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000
59	34.6109	0.1815	5.5085	0.0000	0.0000	0.0002	0.0001	0.0004	0.0000
60	34.6752	0.1812	5.5187	0.0000	0.0000	0.0025	0.0001	0.0002	0.0000
61	34.7224	0.1810	5.5262	0.0004	0.0000	0.0002	0.0001	0.0022	0.0000
62	34.7548	0.1808	5.5314	0.0000	0.0000	0.0032	0.0021	0.0016	0.0000
63	34.8771	0.1802	5.5509	0.0000	0.0000	0.0006	0.0001	0.0005	0.0000
64	34.9949	0.1795	5.5696	0.0000	0.0000	0.0001	0.0001	0.0002	0.0000
65	35.1367	0.1788	5.5922	0.0000	0.0000	0.0001	0.0001	0.0000	0.0000
66	35.7701	0.1757	5.6930	0.0000	0.0000	0.0079	0.0019	0.0122	0.0000

Režim	Omega [rad/s]	Perióda [s]	Frekv. [Hz]	Wxi / Wxtot	Wyi / Wytot	Wzi / Wztot	Wxi_R / Wxtot_R	Wyi_R / Wytot_R	Wzi_R / Wztot_R
67	35.8831	0.1751	5.7110	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000
68	36.0754	0.1742	5.7416	0.0000	0.0000	0.0001	0.0071	0.0002	0.0000
69	36.1384	0.1739	5.7516	0.0000	0.0000	0.0003	0.0005	0.0007	0.0000
70	36.5173	0.1721	5.8119	0.0000	0.0000	0.0005	0.0046	0.0000	0.0000
71	37.1381	0.1692	5.9107	0.0000	0.0000	0.0003	0.0074	0.0002	0.0000
72	37.5793	0.1672	5.9809	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
73	37.5915	0.1671	5.9829	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
74	37.7990	0.1662	6.0159	0.0000	0.0000	0.0001	0.0013	0.0001	0.0000
75	37.9237	0.1657	6.0357	0.0000	0.0000	0.0001	0.0000	0.0001	0.0001
76	37.9455	0.1656	6.0392	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
77	37.9459	0.1656	6.0393	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
78	37.9465	0.1656	6.0394	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
79	37.9467	0.1656	6.0394	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
80	37.9505	0.1656	6.0400	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
81	38.0763	0.1650	6.0600	0.0000	0.0000	0.0002	0.0003	0.0002	0.0000
82	38.2071	0.1645	6.0809	0.0000	0.0000	0.0003	0.0002	0.0004	0.0000
83	38.3510	0.1638	6.1037	0.0000	0.0000	0.0001	0.0001	0.0000	0.0000
84	38.4919	0.1632	6.1262	0.0000	0.0000	0.0005	0.0003	0.0004	0.0000
85	38.6915	0.1624	6.1579	0.0000	0.0000	0.0003	0.0006	0.0004	0.0002
86	38.8830	0.1616	6.1884	0.0001	0.0000	0.0003	0.0006	0.0006	0.0000
87	38.9993	0.1611	6.2069	0.0003	0.0000	0.0000	0.0001	0.0004	0.0004
88	39.1069	0.1607	6.2241	0.0005	0.0000	0.0000	0.0000	0.0001	0.0000
89	39.1530	0.1605	6.2314	0.0000	0.0000	0.0016	0.0005	0.0008	0.0000
90	39.5099	0.1590	6.2882	0.0000	0.0000	0.0000	0.0028	0.0000	0.0000
91	39.9246	0.1574	6.3542	0.0001	0.0000	0.0006	0.0000	0.0003	0.0003
92	40.0026	0.1571	6.3666	0.0000	0.0000	0.0074	0.0050	0.0066	0.0001
93	40.1209	0.1566	6.3854	0.0000	0.0000	0.0035	0.0000	0.0003	0.0000
94	40.2250	0.1562	6.4020	0.0000	0.0000	0.0010	0.0012	0.0038	0.0000
95	40.3349	0.1558	6.4195	0.0001	0.0000	0.0003	0.0008	0.0010	0.0002
96	40.6360	0.1546	6.4674	0.0000	0.0000	0.0039	0.0023	0.0043	0.0000
97	40.7574	0.1542	6.4867	0.0000	0.0000	0.0016	0.0001	0.0019	0.0000
98	40.7696	0.1541	6.4887	0.0000	0.0000	0.0002	0.0001	0.0001	0.0000
99	41.2238	0.1524	6.5610	0.0000	0.0000	0.0021	0.0000	0.0031	0.0000
100	41.2985	0.1521	6.5729	0.0000	0.0000	0.0008	0.0002	0.0012	0.0000
101	41.7567	0.1505	6.6458	0.0001	0.0000	0.0030	0.0001	0.0034	0.0001
102	42.2088	0.1489	6.7177	0.0001	0.0000	0.0000	0.0005	0.0002	0.0001
103	42.5440	0.1477	6.7711	0.0000	0.0000	0.0001	0.0000	0.0002	0.0001
104	42.5969	0.1475	6.7795	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000
105	42.7755	0.1469	6.8079	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000
106	44.2324	0.1420	7.0398	0.0000	0.0000	0.0000	0.0033	0.0000	0.0000
107	47.4545	0.1324	7.5526	0.0000	0.0000	0.0001	0.0010	0.0004	0.0001
108	47.6645	0.1318	7.5860	0.0006	0.0000	0.0034	0.0009	0.0036	0.0002
109	47.8222	0.1314	7.6111	0.0000	0.0000	0.0003	0.0004	0.0004	0.0000
110	48.0488	0.1308	7.6472	0.0003	0.0000	0.0027	0.0005	0.0022	0.0001
111	48.1925	0.1304	7.6701	0.0000	0.0000	0.0000	0.0003	0.0001	0.0000
112	48.6477	0.1292	7.7425	0.0000	0.0000	0.0002	0.0004	0.0000	0.0000
113	51.8195	0.1213	8.2473	0.0000	0.0000	0.0000	0.0011	0.0000	0.0000
114	54.1311	0.1161	8.6152	0.0000	0.0031	0.0000	0.0002	0.0000	0.0005
115	54.6055	0.1151	8.6907	0.0000	0.0001	0.0075	0.0001	0.0000	0.0000
116	54.7623	0.1147	8.7157	0.0000	0.0025	0.0002	0.0002	0.0000	0.0005
117	55.1115	0.1140	8.7713	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
118	55.2817	0.1137	8.7984	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
119	55.3096	0.1136	8.8028	0.0000	0.0004	0.0002	0.0000	0.0000	0.0000
120	56.0657	0.1121	8.9231	0.0000	0.0018	0.0000	0.0001	0.0000	0.0000
121	56.4066	0.1114	8.9774	0.0000	0.0011	0.0000	0.0001	0.0000	0.0006
122	58.3912	0.1076	9.2932	0.0037	0.0000	0.0000	0.0000	0.0023	0.0080
123	59.4388	0.1057	9.4600	0.0000	0.0004	0.0000	0.0000	0.0000	0.0000
124	60.5010	0.1039	9.6290	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
125	61.0986	0.1028	9.7241	0.0000	0.0005	0.0000	0.0001	0.0000	0.0000
126	61.6021	0.1020	9.8043	0.0000	0.0004	0.0000	0.0000	0.0000	0.0002
127	61.9738	0.1014	9.8634	0.0000	0.0011	0.0000	0.0001	0.0000	0.0000
128	62.1622	0.1011	9.8934	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000
129	62.2381	0.1010	9.9055	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
130	62.3173	0.1008	9.9181	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000
131	62.3830	0.1007	9.9286	0.0000	0.0002	0.0000	0.0000	0.0000	0.0001
132	62.6815	0.1002	9.9761	0.0000	0.0009	0.0000	0.0001	0.0000	0.0000

Režim	Omega [rad/s]	Perióda [s]	Frekv. [Hz]	Wxi / Wxtot	Wyi / Wytot	Wzi / Wztot	Wxi_R / Wxtot_R	Wyi_R / Wytot_R	Wzi_R / Wztot_R
133	63.3147	0.0992	10.0768	0.0000	0.0018	0.0000	0.0001	0.0000	0.0003
134	63.4075	0.0991	10.0916	0.0000	0.0027	0.0000	0.0002	0.0000	0.0000
135	64.0238	0.0981	10.1897	0.0000	0.0012	0.0000	0.0001	0.0000	0.0006
136	64.5555	0.0973	10.2743	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
137	64.9052	0.0968	10.3300	0.0000	0.0057	0.0000	0.0004	0.0000	0.0000
138	65.1665	0.0964	10.3716	0.0000	0.0001	0.0000	0.0000	0.0000	0.0001
139	65.5995	0.0958	10.4405	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000
140	66.1465	0.0950	10.5275	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
141	67.1277	0.0936	10.6837	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
142	69.6301	0.0902	11.0820	0.0000	0.0010	0.0000	0.0001	0.0000	0.0002
143	69.9126	0.0899	11.1269	0.0000	0.0008	0.0000	0.0000	0.0000	0.0001
144	70.7265	0.0888	11.2565	0.0000	0.0126	0.0000	0.0007	0.0000	0.0018
145	71.0733	0.0884	11.3117	0.0000	0.0035	0.0000	0.0002	0.0000	0.0005
146	71.2234	0.0882	11.3356	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000
147	71.8223	0.0875	11.4309	0.0183	0.0000	0.0000	0.0000	0.0100	0.0350
148	73.6445	0.0853	11.7209	0.0020	0.0000	0.0000	0.0000	0.0011	0.0001
149	74.5151	0.0843	11.8594	0.0000	0.0040	0.0000	0.0002	0.0000	0.0000
150	74.8899	0.0839	11.9191	0.0000	0.0007	0.0000	0.0000	0.0000	0.0007
151	75.7092	0.0830	12.0495	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
152	76.1258	0.0825	12.1158	0.0000	0.0097	0.0000	0.0004	0.0000	0.0011
153	76.7000	0.0819	12.2072	0.0004	0.0000	0.0000	0.0000	0.0002	0.0009
154	77.1559	0.0814	12.2797	0.0006	0.0009	0.0000	0.0000	0.0003	0.0015
155	77.3194	0.0813	12.3058	0.0010	0.0001	0.0000	0.0000	0.0004	0.0003
156	77.5080	0.0811	12.3358	0.0020	0.0000	0.0000	0.0000	0.0009	0.0008
157	77.7276	0.0808	12.3707	0.0001	0.0000	0.0000	0.0000	0.0001	0.0005
158	77.8657	0.0807	12.3927	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
159	78.0898	0.0805	12.4284	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
160	78.1642	0.0804	12.4402	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000
161	78.2725	0.0803	12.4575	0.0000	0.0012	0.0000	0.0001	0.0000	0.0003
162	78.5083	0.0800	12.4950	0.0002	0.0000	0.0000	0.0000	0.0001	0.0005
163	78.5701	0.0800	12.5048	0.0000	0.0003	0.0000	0.0000	0.0000	0.0000
164	78.8954	0.0796	12.5566	0.0001	0.0000	0.0000	0.0000	0.0001	0.0000
165	78.9202	0.0796	12.5605	0.0000	0.0004	0.0000	0.0000	0.0000	0.0001
166	79.1506	0.0794	12.5972	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
167	79.4711	0.0791	12.6482	0.0000	0.0152	0.0000	0.0007	0.0000	0.0020
168	79.5848	0.0789	12.6663	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
169	79.8255	0.0787	12.7046	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000
170	79.9510	0.0786	12.7246	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
171	80.1120	0.0784	12.7502	0.0000	0.0000	0.0002	0.0000	0.0002	0.0000
172	80.1808	0.0784	12.7612	0.0000	0.0000	0.0001	0.0000	0.0001	0.0000
173	80.2545	0.0783	12.7729	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
174	80.2653	0.0783	12.7746	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
175	80.3288	0.0782	12.7847	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000
176	80.3693	0.0782	12.7912	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
177	80.9101	0.0777	12.8772	0.0003	0.0000	0.0000	0.0000	0.0001	0.0015
178	81.2337	0.0773	12.9287	0.0000	0.0000	0.0001	0.0001	0.0001	0.0000
179	81.2993	0.0773	12.9392	0.0000	0.0000	0.0001	0.0000	0.0001	0.0000
180	81.3354	0.0773	12.9449	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
181	81.3658	0.0772	12.9498	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
182	81.4555	0.0771	12.9640	0.0026	0.0000	0.0000	0.0000	0.0010	0.0019
183	81.5073	0.0771	12.9723	0.0048	0.0000	0.0000	0.0000	0.0018	0.0034
184	81.9249	0.0767	13.0387	0.0035	0.0000	0.0000	0.0000	0.0013	0.0081
185	82.6181	0.0761	13.1491	0.0000	0.0026	0.0000	0.0001	0.0000	0.0003
186	82.9083	0.0758	13.1953	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
187	82.9683	0.0757	13.2048	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
188	82.9997	0.0757	13.2098	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000
189	83.5894	0.0752	13.3037	0.0010	0.0000	0.0000	0.0000	0.0004	0.0007
190	83.7763	0.0750	13.3334	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
191	83.7778	0.0750	13.3337	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
192	83.7799	0.0750	13.3340	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
193	83.7815	0.0750	13.3342	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
194	83.7871	0.0750	13.3351	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
195	83.8051	0.0750	13.3380	0.0000	0.0000	0.0000	0.0000	0.0000	0.0008
196	83.8784	0.0749	13.3497	0.0030	0.0000	0.0000	0.0000	0.0011	0.0000
197	83.9645	0.0748	13.3634	0.0029	0.0000	0.0000	0.0000	0.0011	0.0012
198	84.0946	0.0747	13.3841	0.0007	0.0000	0.0000	0.0000	0.0002	0.0000

Režim	Omega [rad/s]	Perióda [s]	Frekv. [Hz]	Wxi / Wxtot	Wyi / Wytot	Wzi / Wztot	Wxi_R / Wxtot_R	Wyi_R / Wytot_R	Wzi_R / Wztot_R
199	84.2037	0.0746	13.4014	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
200	84.4220	0.0744	13.4362	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
201	84.6593	0.0742	13.4740	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
202	84.9702	0.0739	13.5234	0.0017	0.0000	0.0002	0.0000	0.0001	0.0012
203	85.0517	0.0739	13.5364	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
204	85.3527	0.0736	13.5843	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000
205	85.5299	0.0735	13.6125	0.0003	0.0000	0.0006	0.0002	0.0026	0.0003
206	86.9013	0.0723	13.8308	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000
207	87.4363	0.0719	13.9159	0.0000	0.0000	0.0002	0.0001	0.0007	0.0002
208	87.6927	0.0717	13.9567	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
209	87.7636	0.0716	13.9680	0.0012	0.0000	0.0000	0.0000	0.0009	0.0003
210	88.0791	0.0713	14.0182	0.0001	0.0000	0.0000	0.0000	0.0000	0.0002
211	88.5850	0.0709	14.0987	0.0004	0.0000	0.0000	0.0000	0.0001	0.0001
212	88.6744	0.0709	14.1130	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
213	88.7730	0.0708	14.1287	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
214	88.8728	0.0707	14.1445	0.0004	0.0000	0.0000	0.0000	0.0001	0.0000
215	88.9828	0.0706	14.1621	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003
216	89.2198	0.0704	14.1998	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
217	89.3516	0.0703	14.2207	0.0000	0.0000	0.0015	0.0004	0.0047	0.0000
218	89.4270	0.0703	14.2328	0.0000	0.0009	0.0000	0.0001	0.0001	0.0000
219	89.5400	0.0702	14.2507	0.0001	0.0000	0.0000	0.0000	0.0002	0.0000
220	89.9368	0.0699	14.3139	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
221	90.1272	0.0697	14.3442	0.0004	0.0000	0.0002	0.0000	0.0014	0.0000
222	90.8872	0.0691	14.4651	0.0000	0.0000	0.0001	0.0004	0.0003	0.0000
223	91.1239	0.0690	14.5028	0.0023	0.0000	0.0017	0.0000	0.0001	0.0000
224	91.1852	0.0689	14.5126	0.0004	0.0000	0.0176	0.0064	0.0252	0.0000
225	91.2098	0.0689	14.5165	0.0003	0.0000	0.0013	0.0079	0.0012	0.0000
226	91.2684	0.0688	14.5258	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000
227	91.3322	0.0688	14.5360	0.0000	0.0000	0.0002	0.0001	0.0003	0.0000
228	91.4565	0.0687	14.5558	0.0000	0.0001	0.0003	0.0001	0.0007	0.0000
229	91.9541	0.0683	14.6349	0.0002	0.0000	0.0000	0.0000	0.0001	0.0000
230	92.3985	0.0680	14.7057	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
231	92.7021	0.0678	14.7540	0.0000	0.0000	0.0006	0.0000	0.0006	0.0000
232	92.7290	0.0678	14.7583	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
233	92.8416	0.0677	14.7762	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
234	92.8914	0.0676	14.7841	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
235	92.9154	0.0676	14.7880	0.0000	0.0000	0.0001	0.0000	0.0002	0.0000
236	92.9168	0.0676	14.7882	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000
237	92.9281	0.0676	14.7900	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
238	92.9865	0.0676	14.7993	0.0000	0.0000	0.0001	0.0003	0.0001	0.0001
239	93.0282	0.0675	14.8059	0.0004	0.0000	0.0001	0.0000	0.0000	0.0007
240	93.1560	0.0674	14.8262	0.0000	0.0001	0.0031	0.0021	0.0042	0.0001
241	93.3889	0.0673	14.8633	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
242	93.3933	0.0673	14.8640	0.0004	0.0000	0.0000	0.0000	0.0001	0.0002
243	93.7092	0.0670	14.9143	0.0014	0.0000	0.0000	0.0000	0.0002	0.0001
244	93.8694	0.0669	14.9398	0.0001	0.0000	0.0000	0.0000	0.0000	0.0001
245	94.0668	0.0668	14.9712	0.0022	0.0000	0.0000	0.0000	0.0010	0.0007
246	94.6747	0.0664	15.0679	0.0000	0.0056	0.0000	0.0002	0.0000	0.0000
247	95.1565	0.0660	15.1446	0.0000	0.0000	0.0000	0.0000	0.0001	0.0002
248	95.5625	0.0657	15.2092	0.0000	0.0000	0.0000	0.0000	0.0001	0.0002
249	96.0035	0.0654	15.2794	0.0002	0.0000	0.0000	0.0000	0.0033	0.0002
250	97.5789	0.0644	15.5302	0.0000	0.0048	0.0000	0.0003	0.0000	0.0004
251	98.5561	0.0638	15.6857	0.0005	0.0000	0.0000	0.0000	0.0002	0.0000
252	99.4184	0.0632	15.8229	0.0001	0.0000	0.0000	0.0000	0.0053	0.0001
253	99.7320	0.0630	15.8728	0.0000	0.0008	0.0000	0.0000	0.0001	0.0000
254	100.2617	0.0627	15.9571	0.0047	0.0000	0.0000	0.0000	0.0014	0.0076
255	101.3178	0.0620	16.1252	0.0039	0.0004	0.0000	0.0001	0.0013	0.0108
256	101.5050	0.0619	16.1550	0.0006	0.0000	0.0000	0.0001	0.0002	0.0025
257	102.2274	0.0615	16.2700	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000
258	102.5630	0.0613	16.3234	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
259	102.8379	0.0611	16.3672	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000
260	102.9909	0.0610	16.3915	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
261	103.1648	0.0609	16.4192	0.0052	0.0000	0.0000	0.0000	0.0011	0.0022
262	103.1955	0.0609	16.4241	0.0033	0.0000	0.0000	0.0000	0.0008	0.0017
263	103.5296	0.0607	16.4772	0.0000	0.0001	0.0000	0.0000	0.0001	0.0003
264	103.6407	0.0606	16.4949	0.0001	0.0005	0.0000	0.0001	0.0001	0.0006

Režim	Omega [rad/s]	Perióda [s]	Frekv. [Hz]	Wxi / Wxtot	Wyi / Wytot	Wzi / Wztot	Wxi_R / Wxtot_R	Wyi_R / Wytot_R	Wzi_R / Wztot_R
265	103.9194	0.0605	16.5393	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
266	104.4780	0.0601	16.6282	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000
267	104.6129	0.0601	16.6497	0.0008	0.0000	0.0000	0.0000	0.0000	0.0000
268	104.9259	0.0599	16.6995	0.0001	0.0000	0.0000	0.0000	0.0007	0.0001
269	105.4567	0.0596	16.7840	0.0001	0.0000	0.0000	0.0001	0.0000	0.0007
270	105.4750	0.0596	16.7869	0.0003	0.0001	0.0000	0.0000	0.0001	0.0007
271	109.1593	0.0576	17.3732	0.0007	0.0000	0.0000	0.0000	0.0023	0.0003
272	109.4774	0.0574	17.4239	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000
273	109.7404	0.0573	17.4657	0.0002	0.0000	0.0000	0.0000	0.0005	0.0000
274	109.7979	0.0572	17.4749	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
275	110.3647	0.0569	17.5651	0.0001	0.0000	0.0002	0.0000	0.0220	0.0001
276	112.5082	0.0558	17.9062	0.0000	0.0007	0.0000	0.0001	0.0000	0.0000
277	113.4424	0.0554	18.0549	0.0005	0.0000	0.0000	0.0000	0.0002	0.0008
278	113.4847	0.0554	18.0616	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
279	113.6858	0.0553	18.0937	0.0000	0.0000	0.0000	0.0000	0.0000	0.0005
280	113.9411	0.0551	18.1343	0.0031	0.0000	0.0000	0.0000	0.0007	0.0033
281	113.9678	0.0551	18.1385	0.0020	0.0000	0.0000	0.0000	0.0021	0.0008
282	114.4515	0.0549	18.2155	0.0000	0.0000	0.0000	0.0000	0.0002	0.0002
283	115.1779	0.0546	18.3311	0.0010	0.0000	0.0000	0.0000	0.0004	0.0000
284	115.5354	0.0544	18.3880	0.0002	0.0001	0.0000	0.0000	0.0001	0.0001
285	115.8258	0.0542	18.4343	0.0015	0.0002	0.0000	0.0000	0.0010	0.0009
286	116.0013	0.0542	18.4622	0.0033	0.0001	0.0000	0.0000	0.0027	0.0019
287	116.4949	0.0539	18.5407	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
288	117.0037	0.0537	18.6217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
289	120.0639	0.0523	19.1088	0.0000	0.0006	0.0000	0.0000	0.0000	0.0000
290	120.7989	0.0520	19.2257	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
291	121.2507	0.0518	19.2977	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
292	121.7666	0.0516	19.3798	0.0000	0.0000	0.0000	0.0003	0.0001	0.0000
293	121.9035	0.0515	19.4015	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000
294	126.3513	0.0497	20.1094	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
295	129.7735	0.0484	20.6541	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000
296	132.2134	0.0475	21.0424	0.0000	0.0000	0.0000	0.0008	0.0000	0.0000
297	132.3489	0.0475	21.0640	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
298	132.7501	0.0473	21.1278	0.0000	0.0001	0.0004	0.0043	0.0000	0.0000
299	133.3797	0.0471	21.2280	0.0000	0.0000	0.0001	0.0004	0.0000	0.0000
300	133.6120	0.0470	21.2650	0.0000	0.0001	0.0033	0.0001	0.0001	0.0001
				0.9483	0.9481	0.4525	0.3355	0.2651	0.9343

Seizmicita

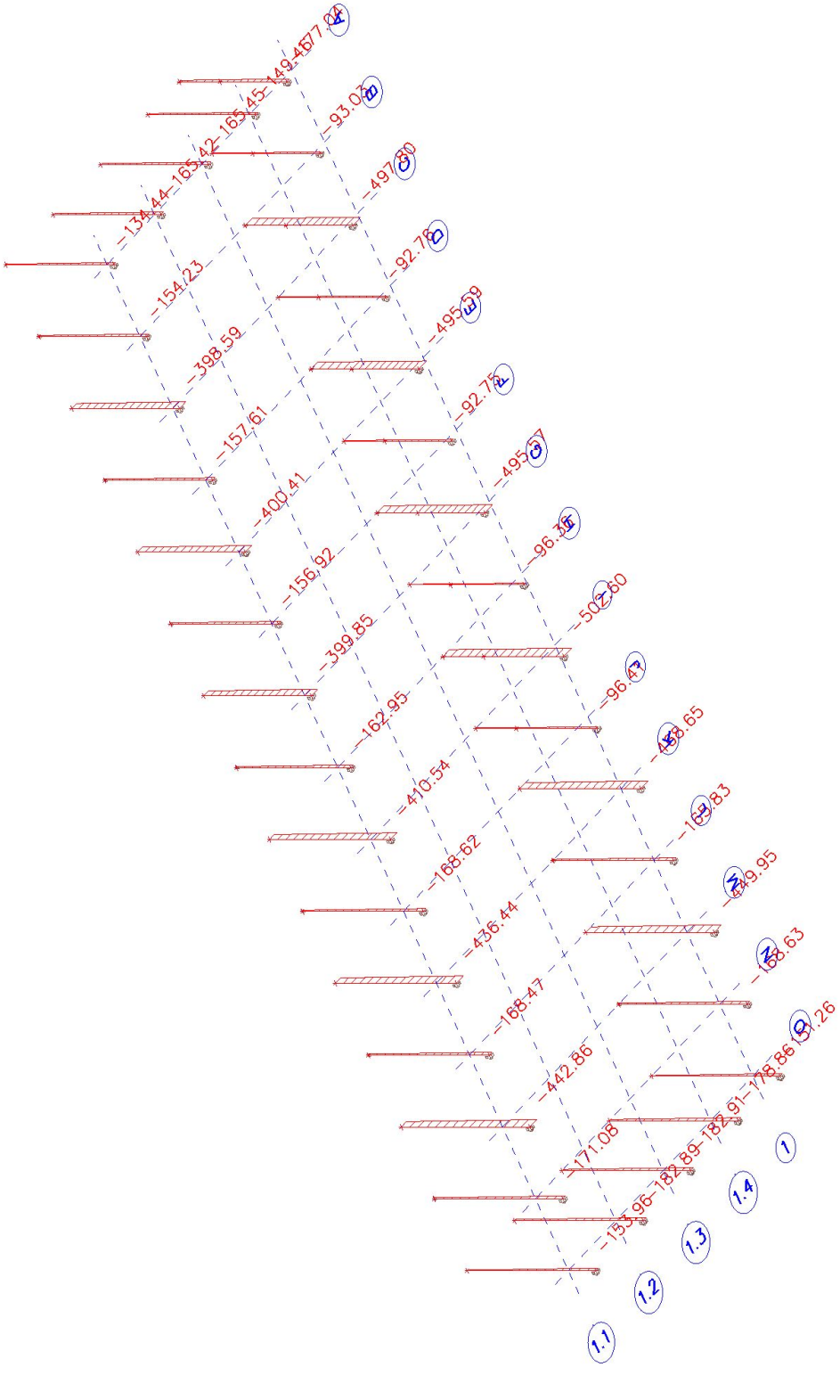
Počet 2D prvkov	**0**
Počet 1D prvkov	**1436**
Počet uzlov siete	**1380**
Hmoty vo výpočte	Len participujúce hmoty
Výsledky so znamienkom	Nie
Zaťažovací stav	LC10
Kombinácia skupín hmôt	CM1
Ohybová teória	Mindlin
Typ výpočtového modelu	Štandard
Spustenie výpočtu	07.03.2022 16:05
Koniec výpočtu	07.03.2022 16:06

Seizmicita

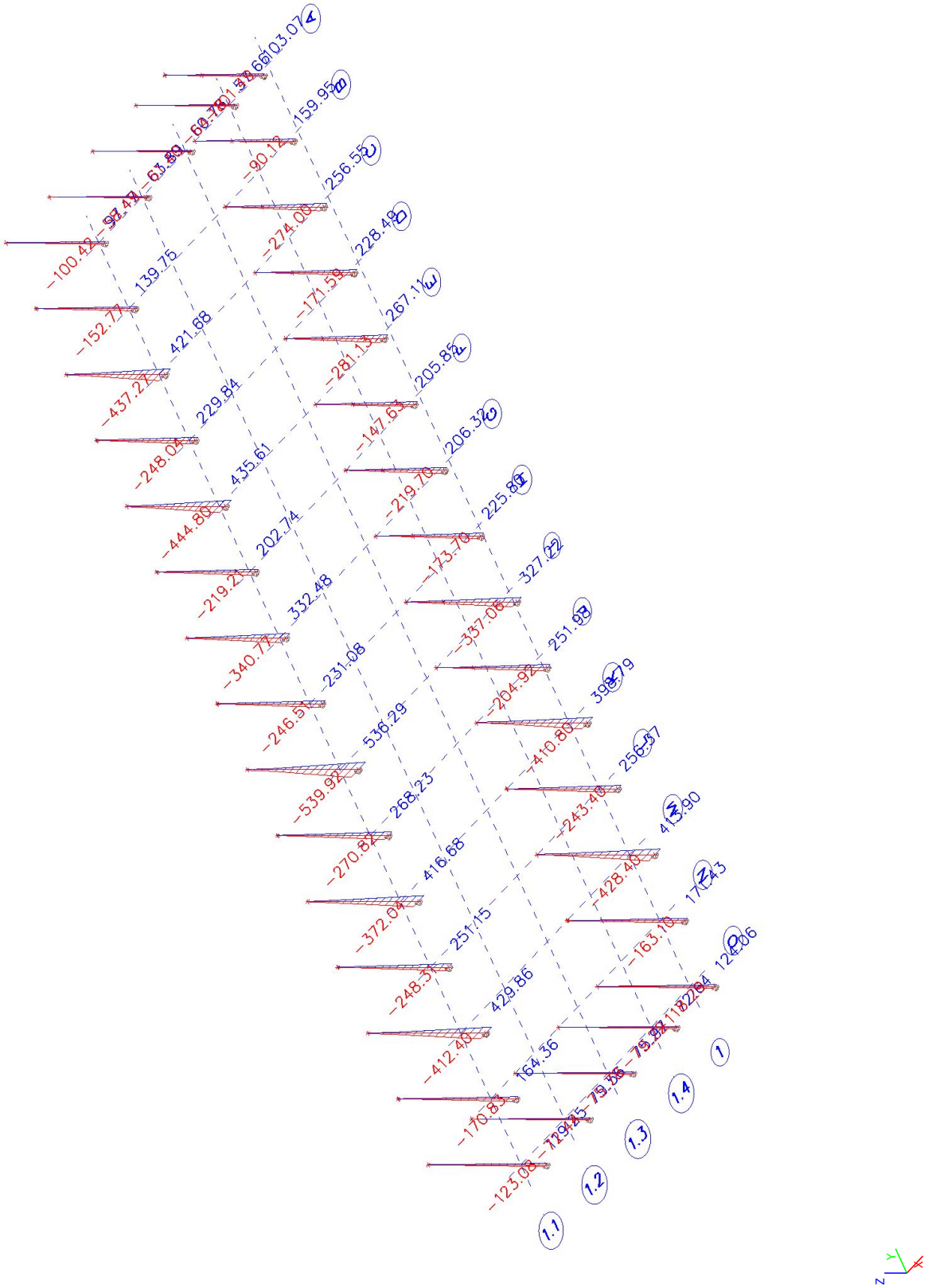
Počet 2D prvkov	**0**
Počet 1D prvkov	**1436**
Počet uzlov siete	**1380**
Hmoty vo výpočte	Len participujúce hmoty
Výsledky so znamienkom	Nie
Zaťažovací stav	LC11
Kombinácia skupín hmôt	CM1
Ohybová teória	Mindlin
Typ výpočtového modelu	Štandard
Spustenie výpočtu	07.03.2022 16:06
Koniec výpočtu	07.03.2022 16:06

11.6. Columns - seismicity (stĺpy seizmicita)

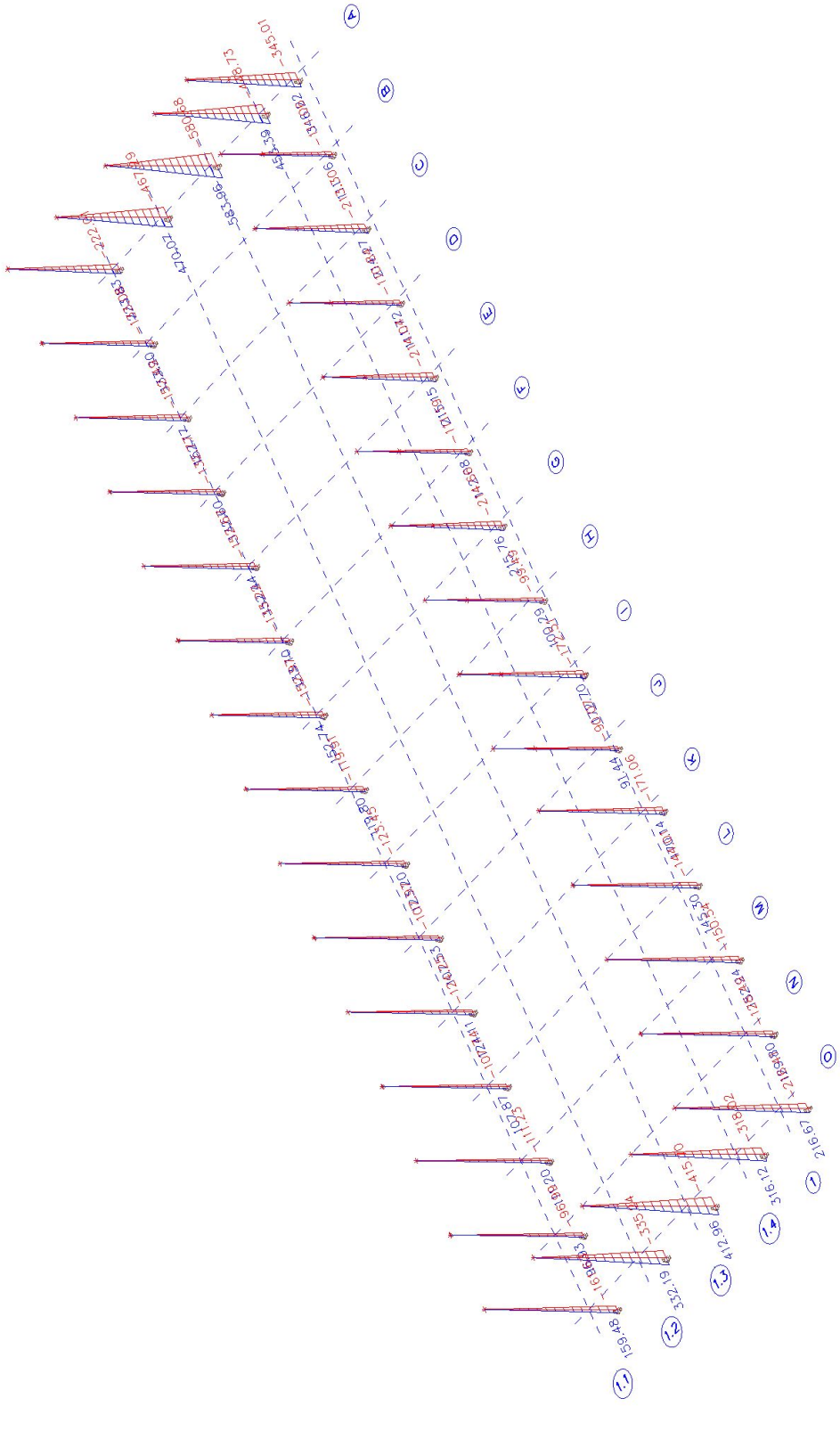
11.6.1. Internal forces; N



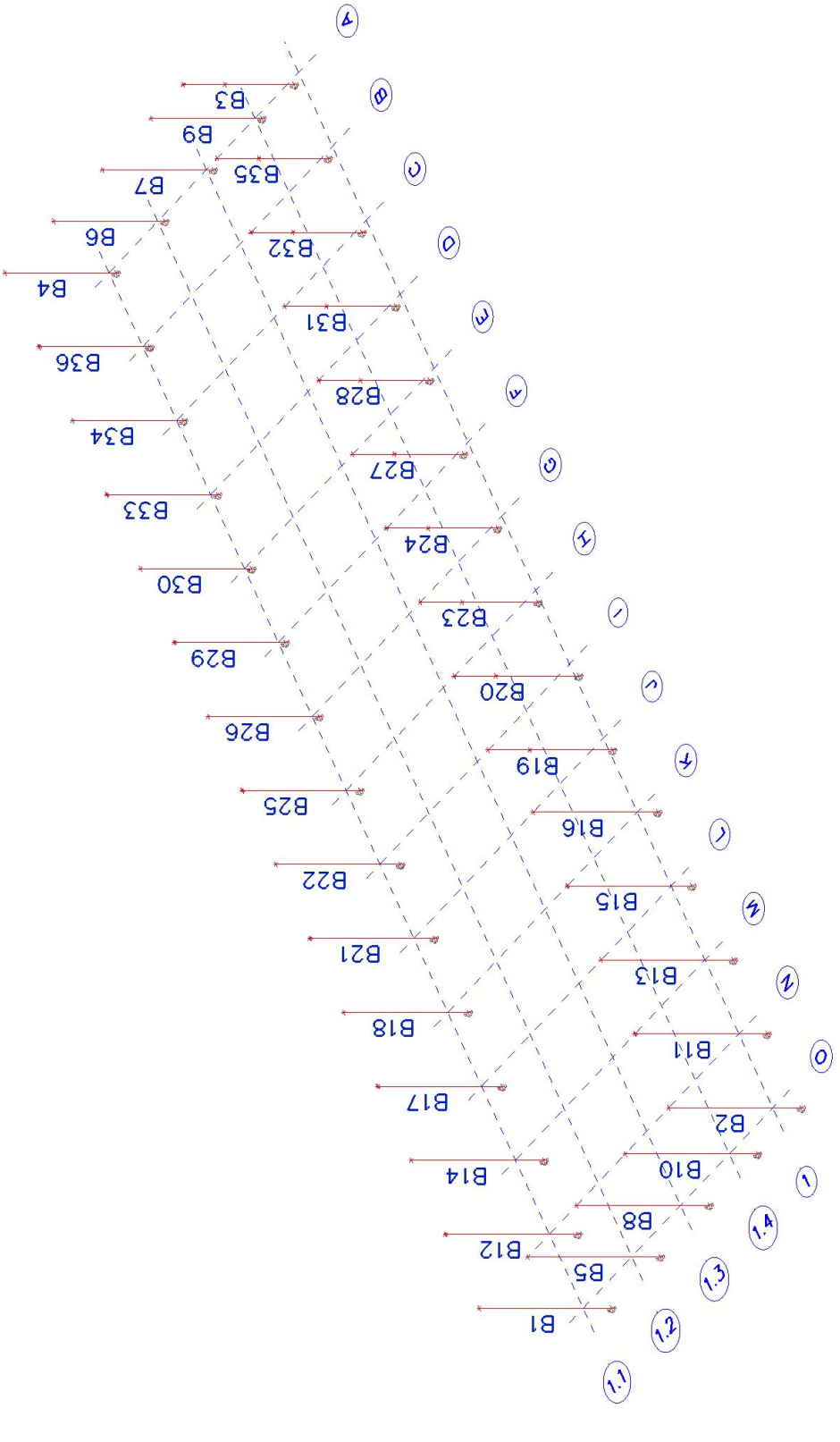
11.6.2. Internal forces;; My



11.6.3. Internal forces; Mz



11.6.4. Name columns



11.6.5. Internal forces on columns

Lineárny výpočet, Extrém : Prvok, Systém : Hlavné
Výber : Všetko
Skupiny výsledkov : Seizmicita (Seismicity)
Hladina : stĺpy

Prvok	css	dx [m]	Stav	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
B1	S1 - Obdĺžnik	0.000	CO4/27	**-153.96**	-4.29	-10.82	-2.47	**-123.08**	-49.92
B1	S1 - Obdĺžnik	11.700	CO4/28	**-25.87**	3.71	8.66	1.61	19.45	4.76
B1	S1 - Obdĺžnik	0.000	CO5/29	-151.54	**-14.56**	-2.99	-2.93	-38.87	-161.50
B1	S1 - Obdĺžnik	0.000	CO5/30	-151.56	**15.11**	4.18	2.08	35.04	159.34
B1	S1 - Obdĺžnik	0.000	CO4/31	-152.64	-4.32	**-10.86**	-2.43	-122.94	-49.79
B1	S1 - Obdĺžnik	0.000	CO4/32	-150.46	4.87	**12.05**	1.58	119.11	47.63
B1	S1 - Obdĺžnik	2.340	CO5/33	-129.07	-14.28	-2.82	**-2.97**	-29.73	-126.88
B1	S1 - Obdĺžnik	2.340	CO5/34	-126.45	14.83	4.01	**2.11**	28.69	126.01
B1	S1 - Obdĺžnik	0.000	CO4/28	-149.14	4.84	12.01	1.61	**119.25**	47.76
B1	S1 - Obdĺžnik	0.000	CO5/33	-152.87	-14.52	-2.94	-2.97	-39.01	**-161.63**
B1	S1 - Obdĺžnik	0.000	CO5/34	-150.24	15.07	4.13	2.11	35.18	**159.48**
B2	S1 - Obdĺžnik	0.000	CO4/27	**-151.26**	-5.76	**-12.12**	-2.02	-118.07	-65.59
B2	S1 - Obdĺžnik	11.700	CO4/28	**-24.33**	5.15	7.48	2.85	9.91	4.11
B2	S1 - Obdĺžnik	0.000	CO5/29	-148.95	**-19.19**	-4.19	-3.48	-34.19	-216.32
B2	S1 - Obdĺžnik	0.000	CO5/30	-148.86	**19.53**	2.88	4.30	39.96	216.57
B2	S1 - Obdĺžnik	0.000	CO4/28	-146.54	6.10	**10.81**	2.85	123.83	65.85
B2	S1 - Obdĺžnik	2.340	CO5/29	-125.32	-18.98	-4.07	**-3.48**	-27.85	-171.14
B2	S1 - Obdĺžnik	2.340	CO5/30	-125.23	19.32	2.75	**4.30**	30.54	172.20
B2	S1 - Obdĺžnik	0.000	CO4/31	-150.08	-5.78	-12.07	-2.05	**-118.29**	-65.50
B2	S1 - Obdĺžnik	0.000	CO4/32	-147.72	6.13	10.76	2.88	**124.06**	65.75
B2	S1 - Obdĺžnik	0.000	CO5/33	-150.13	-19.16	-4.24	-3.44	-33.97	**-216.41**
B2	S1 - Obdĺžnik	0.000	CO5/34	-147.68	19.50	2.93	4.27	39.73	**216.67**
B3	S1 - Obdĺžnik	0.000	CO4/27	**-177.04**	-10.20	**-12.14**	-24.05	-101.16	-103.82
B3	S1 - Obdĺžnik	9.800	CO4/28	**-77.45**	9.56	7.71	23.55	0.00	9.94
B3	S1 - Obdĺžnik	0.000	CO5/33	-176.69	**-33.84**	-4.14	-78.72	-32.85	-344.90
B3	S1 - Obdĺžnik	0.000	CO5/34	-172.00	**34.05**	3.82	78.23	34.43	346.11
B3	S1 - Obdĺžnik	0.000	CO4/28	-171.66	10.41	**11.82**	23.55	102.75	105.03
B3	S1 - Obdĺžnik	6.100	CO5/33	-118.12	-32.79	-3.19	**-78.72**	-10.96	-140.72
B3	S1 - Obdĺžnik	6.100	CO5/34	-113.43	33.00	3.30	**78.23**	10.56	143.24
B3	S1 - Obdĺžnik	0.000	CO4/31	-174.97	-10.17	-12.11	-24.03	**-101.49**	-103.93
B3	S1 - Obdĺžnik	0.000	CO4/32	-173.73	10.38	11.79	23.54	**103.07**	105.14
B3	S1 - Obdĺžnik	0.000	CO5/29	-174.63	-33.81	-4.11	-78.71	-33.17	**-345.01**
B3	S1 - Obdĺžnik	0.000	CO5/30	-174.07	34.02	3.78	78.22	34.76	**346.22**
B4	S1 - Obdĺžnik	0.000	CO4/27	**-134.44**	-7.48	-10.68	-1.90	-100.27	-66.67
B4	S1 - Obdĺžnik	9.800	CO4/28	**-25.57**	5.93	8.27	2.91	18.84	1.27
B4	S1 - Obdĺžnik	0.000	CO5/33	-133.01	**-23.61**	-3.03	-4.21	-33.12	-221.91
B4	S1 - Obdĺžnik	0.000	CO5/34	-130.09	**22.98**	4.27	5.23	29.88	223.73
B4	S1 - Obdĺžnik	0.000	CO4/31	-133.12	-7.44	**-10.70**	-1.93	**-100.42**	-66.77
B4	S1 - Obdĺžnik	0.000	CO4/32	-129.98	6.81	**11.94**	2.94	**97.17**	68.59
B4	S1 - Obdĺžnik	3.920	CO5/29	-91.10	-22.91	-2.72	**-4.24**	-17.38	-132.87
B4	S1 - Obdĺžnik	3.920	CO5/30	-90.83	22.28	3.96	**5.26**	19.01	132.22
B4	S1 - Obdĺžnik	0.000	CO5/29	-131.69	-23.57	-3.06	-4.24	-33.26	**-222.01**
B4	S1 - Obdĺžnik	0.000	CO5/30	-131.41	22.94	4.30	5.26	30.02	**223.83**
B5	S2 - Obdĺžnik	0.000	CO5/33	**-182.89**	-29.88	-3.34	-0.37	-19.38	**-335.24**
B5	S2 - Obdĺžnik	11.700	CO5/34	**-69.82**	26.88	0.80	0.71	-5.17	7.53
B5	S2 - Obdĺžnik	0.000	CO5/29	-176.29	**-29.96**	-3.27	-0.38	-19.66	-334.90
B5	S2 - Obdĺžnik	0.000	CO5/30	-182.47	**30.74**	1.54	0.73	26.79	331.85
B5	S2 - Obdĺžnik	0.000	CO4/27	-182.80	-8.70	**-8.90**	-1.36	-72.15	-102.07
B5	S2 - Obdĺžnik	0.000	CO4/28	-175.95	9.47	**7.18**	1.70	79.28	99.02
B5	S2 - Obdĺžnik	9.360	CO4/31	-91.56	-7.64	-6.19	**-1.37**	-13.37	-15.41
B5	S2 - Obdĺžnik	9.360	CO4/32	-97.92	8.42	4.46	**1.72**	4.33	19.62
B5	S2 - Obdĺžnik	0.000	CO4/31	-176.20	-8.78	-8.84	-1.37	**-72.44**	-101.73
B5	S2 - Obdĺžnik	0.000	CO4/32	-182.55	9.56	7.11	1.72	**79.56**	98.68
B5	S2 - Obdĺžnik	0.000	CO5/34	-175.87	30.65	1.61	0.71	26.50	**332.19**
B6	S2 - Obdĺžnik	0.000	CO5/33	**-165.42**	**-49.99**	-3.25	-0.69	-16.58	-467.01
B6	S2 - Obdĺžnik	9.800	CO5/34	**-69.87**	45.99	0.80	0.38	-3.90	3.18
B6	S2 - Obdĺžnik	0.000	CO5/34	-158.53	**49.10**	1.71	0.38	21.98	469.79
B6	S2 - Obdĺžnik	0.000	CO4/27	-165.39	-15.40	**-8.47**	-1.66	-58.11	-139.47
B6	S2 - Obdĺžnik	0.000	CO4/28	-158.57	14.50	**6.93**	1.35	63.51	142.25
B6	S2 - Obdĺžnik	7.840	CO4/27	-94.67	-14.46	-5.55	**-1.66**	-10.48	-28.02

Prvok	css	dx [m]	Stav	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
B6	S2 - Obdĺžnik	7.840	CO4/28	-87.86	13.56	4.01	**1.35**	3.79	23.76
B6	S2 - Obdĺžnik	0.000	CO4/31	-158.79	-15.30	-8.39	-1.64	**-58.49**	-139.75
B6	S2 - Obdĺžnik	0.000	CO4/32	-165.17	14.40	6.85	1.33	**63.89**	142.53
B6	S2 - Obdĺžnik	0.000	CO5/29	-158.82	-49.90	-3.17	-0.67	-16.96	**-467.29**
B6	S2 - Obdĺžnik	0.000	CO5/30	-165.13	49.00	1.63	0.36	22.36	**470.07**
B7	S2 - Obdĺžnik	0.000	CO5/33	**-165.45**	**-62.08**	-2.28	-0.44	-19.72	-580.40
B7	S2 - Obdĺžnik	9.800	CO5/34	**-69.85**	57.21	1.69	0.51	1.94	5.15
B7	S2 - Obdĺžnik	0.000	CO5/34	-158.51	**61.13**	2.60	0.51	19.08	583.67
B7	S2 - Obdĺžnik	0.000	CO4/27	-165.38	-19.01	**-7.50**	**-1.45**	-61.26	-173.01
B7	S2 - Obdĺžnik	0.000	CO4/28	-158.58	18.06	**7.82**	**1.51**	60.62	176.28
B7	S2 - Obdĺžnik	0.000	CO4/31	-158.78	-18.92	-7.50	-1.45	**-61.40**	-173.30
B7	S2 - Obdĺžnik	0.000	CO4/32	-165.18	17.96	7.81	1.51	**60.76**	176.57
B7	S2 - Obdĺžnik	0.000	CO5/29	-158.85	-61.99	-2.28	-0.44	-19.86	**-580.68**
B7	S2 - Obdĺžnik	0.000	CO5/30	-165.11	61.04	2.59	0.51	19.23	**583.96**
B8	S2 - Obdĺžnik	0.000	CO5/33	**-182.91**	-37.22	-2.41	-0.47	-22.98	**-415.70**
B8	S2 - Obdĺžnik	11.700	CO5/34	**-69.80**	33.22	1.65	0.46	1.53	8.87
B8	S2 - Obdĺžnik	0.000	CO5/29	-176.31	**-37.30**	-2.41	-0.47	-23.00	-415.35
B8	S2 - Obdĺžnik	0.000	CO5/30	-182.44	**38.05**	2.47	0.46	23.20	412.62
B8	S2 - Obdĺžnik	0.000	CO4/31	-176.17	-10.97	**-7.98**	-1.52	**-75.78**	-125.54
B8	S2 - Obdĺžnik	0.000	CO4/32	-182.58	11.72	**8.03**	1.51	**75.97**	122.81
B8	S2 - Obdĺžnik	9.360	CO4/27	-98.13	-9.45	-5.33	**-1.52**	-8.64	-18.95
B8	S2 - Obdĺžnik	9.360	CO4/28	-91.35	10.21	5.39	**1.51**	9.37	23.27
B8	S2 - Obdĺžnik	0.000	CO5/34	-175.84	37.97	2.47	0.46	23.18	**412.96**
B9	S2 - Obdĺžnik	0.000	CO4/27	**-149.46**	-15.40	-6.54	-1.18	**-64.18**	-133.19
B9	S2 - Obdĺžnik	9.800	CO4/28	**-55.41**	13.38	5.83	1.41	9.34	3.65
B9	S2 - Obdĺžnik	0.000	CO5/33	-148.89	**-49.77**	-1.34	-1.29	-22.68	-448.50
B9	S2 - Obdĺžnik	0.000	CO5/34	-141.82	**48.62**	3.46	1.52	16.16	453.16
B9	S2 - Obdĺžnik	0.000	CO4/31	-143.84	-15.33	**-6.59**	-1.18	-64.12	-133.42
B9	S2 - Obdĺžnik	0.000	CO4/32	-146.87	14.18	**8.72**	1.42	57.60	138.08
B9	S2 - Obdĺžnik	7.840	CO5/29	-74.77	-46.82	-0.52	**-1.30**	2.60	-72.39
B9	S2 - Obdĺžnik	7.840	CO5/30	-78.94	45.67	2.64	**1.53**	7.52	68.02
B9	S2 - Obdĺžnik	0.000	CO4/28	-141.25	14.25	8.66	1.41	**57.66**	137.85
B9	S2 - Obdĺžnik	0.000	CO5/29	-143.27	-49.69	-1.40	-1.30	-22.62	**-448.73**
B9	S2 - Obdĺžnik	0.000	CO5/30	-147.44	48.54	3.52	1.53	16.10	**453.39**
B10	S2 - Obdĺžnik	0.000	CO5/33	**-178.86**	-28.21	-1.50	-0.73	-26.49	**-318.02**
B10	S2 - Obdĺžnik	11.700	CO5/34	**-67.32**	25.31	2.50	0.37	8.09	4.85
B10	S2 - Obdĺžnik	0.000	CO5/29	-172.62	**-28.29**	-1.57	-0.72	-26.24	-317.72
B10	S2 - Obdĺžnik	0.000	CO5/30	-178.56	**28.96**	3.37	0.36	19.67	315.82
B10	S2 - Obdĺžnik	0.000	CO4/31	-172.57	-8.32	**-7.13**	-1.65	-78.97	-96.16
B10	S2 - Obdĺžnik	0.000	CO4/32	-178.61	8.99	**8.93**	1.29	72.40	94.26
B10	S2 - Obdĺžnik	2.340	CO4/27	-158.63	-8.18	-6.84	**-1.66**	-58.86	-75.51
B10	S2 - Obdĺžnik	2.340	CO4/28	-152.18	8.85	8.64	**1.30**	56.50	75.18
B10	S2 - Obdĺžnik	0.000	CO4/27	-178.82	-8.24	-7.06	-1.66	**-79.22**	-96.46
B10	S2 - Obdĺžnik	0.000	CO4/28	-172.36	8.91	8.86	1.30	**72.64**	94.56
B10	S2 - Obdĺžnik	0.000	CO5/34	-172.31	28.88	3.30	0.37	19.91	**316.12**
B11	S3 - Obdĺžnik	0.000	CO4/27	**-168.63**	-3.95	**-16.57**	-32.12	-162.81	-40.53
B11	S3 - Obdĺžnik	11.700	CO4/28	**-52.05**	2.99	11.16	31.96	-6.73	0.00
B11	S3 - Obdĺžnik	0.000	CO5/33	-166.27	**-12.25**	-5.95	-9.86	-46.11	-128.48
B11	S3 - Obdĺžnik	0.000	CO5/34	-160.48	**12.14**	3.46	9.70	54.44	129.79
B11	S3 - Obdĺžnik	0.000	CO4/28	-158.11	3.84	**14.09**	31.96	171.14	41.84
B11	S3 - Obdĺžnik	9.360	CO4/27	-84.00	-3.10	-13.64	**-32.12**	-39.53	-6.99
B11	S3 - Obdĺžnik	9.360	CO4/28	-73.47	2.99	11.16	**31.96**	24.62	7.25
B11	S3 - Obdĺžnik	0.000	CO4/31	-165.08	-3.95	-16.49	-32.11	**-163.10**	-40.54
B11	S3 - Obdĺžnik	0.000	CO4/32	-161.67	3.84	14.01	31.95	**171.43**	41.85
B11	S3 - Obdĺžnik	0.000	CO5/29	-162.71	-12.25	-5.86	-9.85	-46.40	**-128.49**
B11	S3 - Obdĺžnik	0.000	CO5/30	-164.03	12.14	3.38	9.69	54.73	**129.80**
B12	S3 - Obdĺžnik	0.000	CO4/27	**-171.08**	-3.15	-14.08	**-32.10**	**-170.83**	-31.59
B12	S3 - Obdĺžnik	11.700	CO4/28	**-54.19**	2.17	13.57	31.99	13.86	0.00
B12	S3 - Obdĺžnik	0.000	CO5/29	-164.76	**-9.69**	-3.54	-9.84	-53.88	-96.98
B12	S3 - Obdĺžnik	0.000	CO5/30	-166.58	**9.70**	5.97	9.73	47.41	96.93
B12	S3 - Obdĺžnik	0.000	CO4/31	-167.10	-3.15	**-14.17**	-32.09	-170.63	-31.58
B12	S3 - Obdĺžnik	0.000	CO4/32	-164.24	3.15	**16.60**	31.98	164.16	31.53
B12	S3 - Obdĺžnik	0.000	CO4/28	-160.26	3.15	16.52	**31.99**	**164.36**	31.53
B12	S3 - Obdĺžnik	0.000	CO5/33	-168.74	-9.69	-3.45	-9.85	-54.08	**-96.99**
B12	S3 - Obdĺžnik	0.000	CO5/34	-162.59	9.69	5.89	9.74	47.61	**96.93**
B13	S4 - Obdĺžnik	0.000	CO4/27	**-449.95**	-4.51	-37.24	-0.64	**-428.40**	-45.07

Prvok	css	dx [m]	Stav	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
B13	S4 - Obdĺžnik	11.700	CO4/28	**-298.14**	3.44	36.86	0.57	39.05	1.41
B13	S4 - Obdĺžnik	0.000	CO5/33	-446.81	**-14.57**	-9.72	**-0.91**	-134.40	-150.53
B13	S4 - Obdĺžnik	0.000	CO5/34	-421.53	**14.40**	13.92	**0.83**	119.90	152.22
B13	S4 - Obdĺžnik	0.000	CO4/31	-427.69	-4.50	**-37.40**	-0.64	-427.89	-45.08
B13	S4 - Obdĺžnik	0.000	CO4/32	-440.65	4.33	**41.60**	0.57	413.39	46.78
B13	S4 - Obdĺžnik	0.000	CO4/28	-418.39	4.33	41.44	0.57	**413.90**	46.76
B13	S4 - Obdĺžnik	0.000	CO5/29	-424.55	-14.57	-9.88	-0.91	-133.89	**-150.54**
B13	S4 - Obdĺžnik	0.000	CO5/30	-443.79	14.40	14.08	0.83	119.39	**152.24**
B14	S4 - Obdĺžnik	0.000	CO4/27	**-442.86**	-3.35	**-41.49**	-1.85	-411.70	-33.82
B14	S4 - Obdĺžnik	11.700	CO4/28	**-291.76**	2.26	32.87	1.90	7.84	1.53
B14	S4 - Obdĺžnik	0.000	CO5/33	-439.80	**-10.92**	-13.99	-5.09	-117.78	**-111.23**
B14	S4 - Obdĺžnik	0.000	CO5/34	-415.08	**10.92**	9.95	5.14	135.24	**111.20**
B14	S4 - Obdĺžnik	0.000	CO4/28	-412.02	3.34	**37.45**	1.90	429.16	33.79
B14	S4 - Obdĺžnik	0.000	CO5/29	-417.99	-10.92	-13.84	**-5.09**	-118.47	-111.22
B14	S4 - Obdĺžnik	0.000	CO5/30	-436.88	10.92	9.79	**5.14**	135.93	111.20
B14	S4 - Obdĺžnik	0.000	CO4/31	-421.06	-3.35	-41.34	-1.85	**-412.40**	-33.81
B14	S4 - Obdĺžnik	0.000	CO4/32	-433.82	3.34	37.29	1.90	**429.86**	33.79
B15	S3 - Obdĺžnik	0.000	CO4/27	**-165.83**	-4.45	**-25.09**	**-17.56**	-242.85	-44.24
B15	S3 - Obdĺžnik	11.000	CO4/28	**-49.55**	3.56	19.25	15.02	-5.45	0.00
B15	S3 - Obdĺžnik	0.000	CO5/29	-157.84	**-14.19**	-8.51	-6.41	-69.10	-144.00
B15	S3 - Obdĺžnik	0.000	CO5/30	-157.34	**14.07**	5.86	3.88	82.06	145.29
B15	S3 - Obdĺžnik	0.000	CO4/28	-149.35	4.33	**22.44**	15.02	255.81	45.53
B15	S3 - Obdĺžnik	2.200	CO4/28	-130.13	4.28	22.26	**15.02**	201.04	35.82
B15	S3 - Obdĺžnik	0.000	CO4/31	-162.24	-4.45	-25.00	-17.43	**-243.40**	-44.24
B15	S3 - Obdĺžnik	0.000	CO4/32	-152.94	4.33	22.34	14.90	**256.37**	45.53
B15	S3 - Obdĺžnik	0.000	CO5/33	-161.43	-14.19	-8.61	-6.54	-68.54	**-144.01**
B15	S3 - Obdĺžnik	0.000	CO5/34	-153.75	14.07	5.95	4.00	81.51	**145.30**
B16	S4 - Obdĺžnik	0.000	CO4/27	**-468.65**	-4.90	-35.66	-2.11	**-410.80**	-52.07
B16	S4 - Obdĺžnik	11.000	CO4/28	**-326.71**	4.64	40.40	1.98	60.09	4.70
B16	S4 - Obdĺžnik	0.000	CO5/33	-466.97	**-16.70**	-7.75	**-6.18**	-128.15	-170.97
B16	S4 - Obdĺžnik	0.000	CO5/34	-441.53	**17.27**	16.09	**6.05**	116.14	170.06
B16	S4 - Obdĺžnik	0.000	CO4/31	-446.04	-4.88	**-35.96**	-2.09	-410.63	-52.15
B16	S4 - Obdĺžnik	0.000	CO4/32	-462.46	5.45	**44.30**	1.96	398.62	51.23
B16	S4 - Obdĺžnik	0.000	CO4/28	-439.85	5.47	44.00	1.98	**398.79**	51.15
B16	S4 - Obdĺžnik	0.000	CO5/29	-444.36	-16.68	-8.05	-6.16	-127.98	**-171.06**
B16	S4 - Obdĺžnik	0.000	CO5/30	-464.14	17.25	16.39	6.02	115.97	**170.14**
B17	S3 - Obdĺžnik	0.000	CO4/27	**-168.47**	-3.44	-22.81	-17.52	-248.08	-33.64
B17	S3 - Obdĺžnik	11.000	CO4/28	**-52.02**	2.54	21.19	14.99	12.99	0.00
B17	S3 - Obdĺžnik	0.000	CO5/33	-164.14	**-10.98**	-6.31	-6.42	-73.55	-107.74
B17	S3 - Obdĺžnik	0.000	CO5/34	-156.15	**10.97**	7.88	3.89	76.39	107.87
B17	S3 - Obdĺžnik	0.000	CO4/31	-164.43	-3.44	**-22.85**	-17.40	**-248.31**	-33.64
B17	S3 - Obdĺžnik	0.000	CO4/32	-155.86	3.42	**24.42**	14.87	**251.15**	33.77
B17	S3 - Obdĺžnik	2.200	CO4/27	-149.25	-3.38	-22.63	**-17.52**	-194.56	-26.21
B17	S3 - Obdĺžnik	2.200	CO4/28	-132.60	3.37	24.21	**14.99**	200.86	26.32
B17	S3 - Obdĺžnik	0.000	CO5/29	-160.11	-10.98	-6.35	-6.30	-73.78	**-107.74**
B17	S3 - Obdĺžnik	0.000	CO5/30	-160.19	10.97	7.92	3.77	76.62	**107.87**
B18	S4 - Obdĺžnik	0.000	CO4/27	**-436.44**	-3.78	**-40.64**	-1.52	-370.06	-37.76
B18	S4 - Obdĺžnik	11.000	CO4/28	**-289.19**	2.80	29.84	1.51	-7.23	1.60
B18	S4 - Obdĺžnik	0.000	CO5/33	-432.14	**-12.42**	-14.90	-4.73	-95.34	-124.25
B18	S4 - Obdĺžnik	0.000	CO5/34	-406.63	**12.44**	7.67	4.72	139.98	124.11
B18	S4 - Obdĺžnik	0.000	CO4/28	-402.33	3.80	**33.41**	1.51	414.70	37.61
B18	S4 - Obdĺžnik	8.800	CO5/29	-320.21	-9.12	-13.51	**-4.73**	-31.97	-23.24
B18	S4 - Obdĺžnik	8.800	CO5/30	-337.97	9.14	6.29	**4.72**	13.02	23.30
B18	S4 - Obdĺžnik	0.000	CO4/31	-414.81	-3.78	-40.34	-1.52	**-372.04**	-37.76
B18	S4 - Obdĺžnik	0.000	CO4/32	-423.97	3.80	33.12	1.51	**416.68**	37.62
B18	S4 - Obdĺžnik	0.000	CO5/29	-410.51	-12.42	-14.60	-4.73	-97.32	**-124.25**
B18	S4 - Obdĺžnik	0.000	CO5/30	-428.26	12.44	7.37	4.72	141.96	**124.11**
B19	S6 - Obdĺžnik	0.000	CO4/27	**-96.41**	-3.06	-24.53	-0.03	-204.41	-26.72
B19	S6 - Obdĺžnik	11.000	CO4/28	**-28.11**	2.19	18.50	0.03	30.66	1.24
B19	S6 - Obdĺžnik	0.000	CO5/33	-96.35	**-9.80**	-8.17	-0.01	-46.63	-90.04
B19	S6 - Obdĺžnik	0.000	CO5/34	-93.20	**9.55**	6.40	0.01	93.69	91.41
B19	S6 - Obdĺžnik	0.000	CO4/31	-93.42	-3.05	**-24.59**	-0.03	**-204.92**	-26.75
B19	S6 - Obdĺžnik	0.000	CO4/32	-96.13	2.80	**22.83**	0.03	**251.98**	28.13
B19	S6 - Obdĺžnik	8.780	CO4/27	-44.43	-2.62	-21.05	**-0.03**	-10.35	-3.90
B19	S6 - Obdĺžnik	8.780	CO4/28	-41.17	2.37	19.37	**0.03**	42.05	3.06
B19	S6 - Obdĺžnik	0.000	CO5/29	-93.36	-9.79	-8.23	-0.01	-47.14	**-90.07**

Prvok	css	dx [m]	Stav	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
B19	S6 - Obdĺžnik	0.000	CO5/30	-96.19	9.54	6.47	0.01	94.20	**91.44**
B20	S5 - Obdĺžnik	0.000	CO4/27	**-502.60**	-5.22	**-31.13**	-18.61	-336.96	-52.25
B20	S5 - Obdĺžnik	11.000	CO4/28	**-394.46**	4.40	27.49	18.23	0.00	3.37
B20	S5 - Obdĺžnik	0.000	CO5/29	-476.88	**-17.28**	-9.07	-61.27	-105.08	-172.49
B20	S5 - Obdĺžnik	0.000	CO5/30	-499.94	**17.47**	9.96	60.89	95.25	172.68
B20	S5 - Obdĺžnik	0.000	CO4/28	-474.21	5.40	**32.02**	18.23	327.13	52.44
B20	S5 - Obdĺžnik	2.920	CO5/33	-479.88	-17.10	-9.01	**-61.27**	-75.95	-121.84
B20	S5 - Obdĺžnik	2.920	CO5/34	-453.96	17.29	9.91	**60.90**	68.72	122.58
B20	S5 - Obdĺžnik	0.000	CO4/31	-478.11	-5.22	-31.12	-18.60	**-337.06**	-52.23
B20	S5 - Obdĺžnik	0.000	CO4/32	-498.71	5.41	32.01	18.23	**327.22**	52.42
B20	S5 - Obdĺžnik	0.000	CO5/33	-501.37	-17.28	-9.08	-61.27	-104.99	**-172.51**
B20	S5 - Obdĺžnik	0.000	CO5/34	-475.45	17.46	9.97	60.90	95.15	**172.70**
B21	S3 - Obdĺžnik	0.000	CO4/27	**-168.62**	-3.41	-24.20	-13.38	-270.61	-33.92
B21	S3 - Obdĺžnik	11.000	CO4/28	**-51.27**	2.57	22.87	17.83	15.72	0.00
B21	S3 - Obdĺžnik	0.000	CO5/29	-159.83	**-10.97**	-6.60	-2.78	-82.57	-107.95
B21	S3 - Obdĺžnik	0.000	CO5/30	-159.71	**11.01**	8.68	7.24	79.98	107.51
B21	S3 - Obdĺžnik	0.000	CO4/31	-164.59	-3.41	**-24.25**	-13.50	**-270.82**	-33.90
B21	S3 - Obdĺžnik	0.000	CO4/32	-154.95	3.45	**26.32**	17.95	**268.23**	33.46
B21	S3 - Obdĺžnik	8.800	CO4/31	-85.08	-2.53	-20.84	**-13.50**	-46.31	-5.66
B21	S3 - Obdĺžnik	8.800	CO4/32	-75.45	2.57	22.92	**17.95**	62.01	5.57
B21	S3 - Obdĺžnik	0.000	CO5/33	-163.86	-10.97	-6.56	-2.66	-82.35	**-107.97**
B21	S3 - Obdĺžnik	0.000	CO5/34	-155.68	11.01	8.64	7.11	79.76	**107.53**
B22	S4 - Obdĺžnik	0.000	CO4/27	**-410.54**	-3.70	**-54.09**	-1.87	-539.32	-37.48
B22	S4 - Obdĺžnik	11.000	CO4/28	**-266.82**	2.73	47.57	1.82	18.16	2.42
B22	S4 - Obdĺžnik	0.000	CO5/29	-386.82	**-12.27**	-16.87	-4.96	-164.27	-123.44
B22	S4 - Obdĺžnik	0.000	CO5/30	-403.55	**12.32**	15.01	4.90	160.64	123.19
B22	S4 - Obdĺžnik	0.000	CO4/28	-379.83	3.75	**52.23**	1.82	535.69	37.23
B22	S4 - Obdĺžnik	8.800	CO5/33	-316.74	-8.90	-15.61	**-4.96**	-34.20	-24.66
B22	S4 - Obdĺžnik	8.800	CO5/34	-293.30	8.95	13.74	**4.90**	14.18	24.86
B22	S4 - Obdĺžnik	0.000	CO4/31	-390.45	-3.70	-53.95	-1.87	**-539.92**	-37.47
B22	S4 - Obdĺžnik	0.000	CO4/32	-399.92	3.75	52.09	1.82	**536.29**	37.22
B22	S4 - Obdĺžnik	0.000	CO5/33	-406.91	-12.26	-17.01	-4.96	-163.66	**-123.45**
B22	S4 - Obdĺžnik	0.000	CO5/34	-383.46	12.32	15.15	4.90	160.03	**123.20**
B23	S6 - Obdĺžnik	0.000	CO4/27	**-96.36**	-3.70	-22.69	-0.06	-173.41	-30.68
B23	S6 - Obdĺžnik	10.400	CO5/34	**-27.83**	9.33	4.29	0.02	15.60	6.73
B23	S6 - Obdĺžnik	0.000	CO5/33	-96.16	**-10.97**	-7.77	-0.02	-33.91	-99.49
B23	S6 - Obdĺžnik	0.000	CO5/34	-92.78	**10.88**	5.02	0.02	86.01	100.28
B23	S6 - Obdĺžnik	0.000	CO4/31	-93.34	-3.70	**-22.77**	-0.06	**-173.70**	-30.68
B23	S6 - Obdĺžnik	0.000	CO4/32	-95.59	3.62	**20.02**	0.06	**225.80**	31.48
B23	S6 - Obdĺžnik	4.020	CO4/31	-69.68	-3.60	-22.50	**-0.06**	-93.77	-17.30
B23	S6 - Obdĺžnik	4.020	CO4/32	-71.93	3.51	19.75	**0.06**	134.85	17.75
B23	S6 - Obdĺžnik	0.000	CO5/29	-93.14	-10.97	-7.85	-0.02	-34.20	**-99.49**
B23	S6 - Obdĺžnik	0.000	CO5/30	-95.79	10.88	5.10	0.02	86.31	**100.29**
B24	S5 - Obdĺžnik	0.000	CO4/27	**-495.57**	-7.27	**-21.85**	-20.43	-219.66	-64.65
B24	S5 - Obdĺžnik	9.800	CO4/28	**-399.86**	6.19	20.72	20.01	0.00	3.07
B24	S5 - Obdĺžnik	0.000	CO5/29	-470.56	**-23.83**	-6.11	-67.23	-70.94	-214.63
B24	S5 - Obdĺžnik	0.000	CO5/30	-494.02	**23.83**	7.47	66.81	57.56	215.74
B24	S5 - Obdĺžnik	0.000	CO4/28	-469.01	7.26	**23.21**	20.01	206.28	65.76
B24	S5 - Obdĺžnik	3.660	CO5/33	-468.01	-23.56	-6.03	**-67.24**	-43.61	-127.72
B24	S5 - Obdĺžnik	3.660	CO5/34	-442.71	23.56	7.40	**66.82**	35.23	128.82
B24	S5 - Obdĺžnik	0.000	CO4/31	-471.19	-7.27	-21.84	-20.42	**-219.70**	-64.63
B24	S5 - Obdĺžnik	0.000	CO4/32	-493.39	7.27	23.21	20.01	**206.32**	65.73
B24	S5 - Obdĺžnik	0.000	CO5/33	-494.94	-23.82	-6.11	-67.24	-70.89	**-214.66**
B24	S5 - Obdĺžnik	0.000	CO5/34	-469.64	23.82	7.48	66.82	57.51	**215.76**
B25	S3 - Obdĺžnik	0.000	CO4/27	**-162.95**	-4.10	-21.70	-40.99	**-246.51**	-39.08
B25	S3 - Obdĺžnik	10.400	CO4/28	**-50.60**	3.26	22.48	41.13	15.32	0.00
B25	S3 - Obdĺžnik	0.000	CO5/29	-154.12	**-12.63**	-5.41	-12.56	-79.56	-119.90
B25	S3 - Obdĺžnik	0.000	CO5/30	-153.59	**12.64**	8.84	12.70	64.13	119.79
B25	S3 - Obdĺžnik	0.000	CO4/31	-158.94	-4.10	**-21.78**	**-41.00**	-246.38	-39.07
B25	S3 - Obdĺžnik	0.000	CO4/32	-148.77	4.11	**25.21**	**41.14**	230.95	38.96
B25	S3 - Obdĺžnik	0.000	CO4/28	-144.76	4.11	25.13	41.13	**231.08**	38.98
B25	S3 - Obdĺžnik	0.000	CO5/33	-158.13	-12.63	-5.33	-12.55	-79.69	**-119.91**
B25	S3 - Obdĺžnik	0.000	CO5/34	-149.58	12.64	8.75	12.69	64.26	**119.80**
B26	S4 - Obdĺžnik	0.000	CO4/27	**-399.85**	-4.96	**-36.29**	-1.50	-340.22	-46.36
B26	S4 - Obdĺžnik	9.800	CO4/28	**-266.98**	4.10	31.92	1.48	-0.37	2.97
B26	S4 - Obdĺžnik	0.000	CO5/29	-375.59	**-16.39**	-11.48	-4.32	-105.88	-152.96

Prvok	css	dx [m]	Stav	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
B26	S4 - Obdĺžnik	0.000	CO5/30	-392.04	**16.43**	9.67	4.30	97.58	152.72
B26	S4 - Obdĺžnik	0.000	CO4/28	-367.79	5.00	**34.47**	1.48	331.92	46.13
B26	S4 - Obdĺžnik	0.000	CO5/33	-395.77	-16.38	-11.64	**-4.32**	-105.32	**-152.97**
B26	S4 - Obdĺžnik	0.000	CO5/34	-371.87	16.43	9.83	**4.30**	97.02	**152.74**
B26	S4 - Obdĺžnik	0.000	CO4/31	-379.67	-4.96	-36.13	-1.50	**-340.77**	-46.34
B26	S4 - Obdĺžnik	0.000	CO4/32	-387.96	5.00	34.31	1.48	**332.48**	46.11
B27	S6 - Obdĺžnik	0.000	CO4/27	**-92.75**	-4.08	-21.69	-0.03	-147.27	-33.59
B27	S6 - Obdĺžnik	9.800	CO5/34	**-27.87**	11.04	3.55	0.01	14.91	7.14
B27	S6 - Obdĺžnik	0.000	CO5/33	-92.52	**-12.83**	-7.74	-0.01	-23.84	-111.19
B27	S6 - Obdĺžnik	0.000	CO5/34	-89.22	**12.73**	4.20	0.01	82.06	112.07
B27	S6 - Obdĺžnik	0.000	CO4/31	-89.73	-4.08	**-21.77**	-0.03	**-147.63**	-33.59
B27	S6 - Obdĺžnik	0.000	CO4/32	-92.01	3.98	**18.23**	0.03	**205.85**	34.47
B27	S6 - Obdĺžnik	8.320	CO4/27	-39.58	-3.65	-19.87	**-0.03**	0.55	-3.07
B27	S6 - Obdĺžnik	8.320	CO4/28	-36.60	3.56	16.33	**0.03**	28.25	3.16
B27	S6 - Obdĺžnik	0.000	CO5/29	-89.50	-12.83	-7.81	-0.01	-24.21	**-111.19**
B27	S6 - Obdĺžnik	0.000	CO5/30	-92.24	12.73	4.28	0.01	82.42	**112.08**
B28	S5 - Obdĺžnik	0.000	CO4/27	**-495.59**	-7.24	**-28.30**	-20.09	-281.08	-64.46
B28	S5 - Obdĺžnik	9.800	CO4/28	**-399.93**	6.18	26.40	19.67	0.00	3.05
B28	S5 - Obdĺžnik	0.000	CO5/29	-470.53	**-23.75**	-8.03	-66.09	-89.64	-214.01
B28	S5 - Obdĺžnik	0.000	CO5/30	-494.16	**23.75**	9.46	65.67	75.62	215.12
B28	S5 - Obdĺžnik	0.000	CO4/28	-469.10	7.24	**29.73**	19.67	267.06	65.57
B28	S5 - Obdĺžnik	4.880	CO5/33	-459.01	-23.24	-7.83	**-66.09**	-43.65	-98.79
B28	S5 - Obdĺžnik	4.880	CO5/34	-433.88	23.23	9.26	**65.68**	36.61	99.88
B28	S5 - Obdĺžnik	0.000	CO4/31	-471.20	-7.25	-28.29	-20.09	**-281.13**	-64.44
B28	S5 - Obdĺžnik	0.000	CO4/32	-493.49	7.25	29.72	19.67	**267.11**	65.55
B28	S5 - Obdĺžnik	0.000	CO5/33	-494.91	-23.75	-8.03	-66.09	-89.59	**-214.04**
B28	S5 - Obdĺžnik	0.000	CO5/34	-469.78	23.74	9.46	65.68	75.57	**215.15**
B29	S3 - Obdĺžnik	0.000	CO4/27	**-156.92**	-4.55	-19.83	**-19.78**	**-219.21**	-41.57
B29	S3 - Obdĺžnik	9.800	CO4/28	**-50.90**	3.78	21.20	19.88	16.62	0.00
B29	S3 - Obdĺžnik	0.000	CO5/29	-148.27	**-14.62**	-4.72	-6.24	-71.62	-133.21
B29	S3 - Obdĺžnik	0.000	CO5/30	-148.21	**14.64**	8.46	6.33	55.15	133.09
B29	S3 - Obdĺžnik	0.000	CO4/31	-152.92	-4.55	**-19.92**	-19.78	-219.08	-41.55
B29	S3 - Obdĺžnik	0.000	CO4/32	-143.56	4.56	**23.65**	19.88	202.61	41.43
B29	S3 - Obdĺžnik	0.000	CO4/28	-139.56	4.56	23.57	**19.88**	**202.74**	41.44
B29	S3 - Obdĺžnik	0.000	CO5/33	-152.27	-14.62	-4.63	-6.24	-71.75	**-133.22**
B29	S3 - Obdĺžnik	0.000	CO5/34	-144.21	14.64	8.37	6.33	55.28	**133.10**
B30	S4 - Obdĺžnik	0.000	CO4/27	**-400.41**	-4.92	**-48.57**	-1.37	-444.23	-46.31
B30	S4 - Obdĺžnik	9.800	CO4/28	**-266.42**	4.07	43.41	1.37	4.52	2.67
B30	S4 - Obdĺžnik	0.000	CO5/29	-375.68	**-16.30**	-15.16	-4.28	-137.50	-152.66
B30	S4 - Obdĺžnik	0.000	CO5/30	-391.83	**16.35**	13.41	4.27	128.30	152.42
B30	S4 - Obdĺžnik	0.000	CO4/28	-367.10	4.97	**46.83**	1.37	435.04	46.08
B30	S4 - Obdĺžnik	7.840	CO5/29	-295.35	-13.35	-14.12	**-4.28**	-32.81	-31.65
B30	S4 - Obdĺžnik	7.840	CO5/30	-311.50	13.40	12.38	**4.27**	9.94	31.76
B30	S4 - Obdĺžnik	0.000	CO4/31	-380.23	-4.92	-48.41	-1.37	**-444.80**	-46.29
B30	S4 - Obdĺžnik	0.000	CO4/32	-387.28	4.97	46.67	1.37	**435.61**	46.06
B30	S4 - Obdĺžnik	0.000	CO5/33	-395.86	-16.30	-15.32	-4.28	-136.93	**-152.67**
B30	S4 - Obdĺžnik	0.000	CO5/34	-371.65	16.35	13.57	4.27	127.73	**152.44**
B31	S6 - Obdĺžnik	0.000	CO4/27	**-92.76**	-4.01	-24.27	-0.03	-171.25	-33.34
B31	S6 - Obdĺžnik	9.800	CO5/34	**-27.88**	11.00	4.30	0.01	15.33	7.13
B31	S6 - Obdĺžnik	0.000	CO5/33	-92.51	**-12.80**	-8.47	-0.01	-31.52	-110.84
B31	S6 - Obdĺžnik	0.000	CO5/34	-89.20	**12.70**	5.05	0.01	88.43	111.72
B31	S6 - Obdĺžnik	0.000	CO4/31	-89.75	-4.01	**-24.35**	-0.03	**-171.59**	-33.34
B31	S6 - Obdĺžnik	0.000	CO4/32	-91.95	3.91	**20.93**	0.03	**228.49**	34.23
B31	S6 - Obdĺžnik	3.660	CO4/31	-68.21	-3.92	-24.10	**-0.03**	-95.46	-19.52
B31	S6 - Obdĺžnik	3.660	CO4/32	-70.41	3.82	20.69	**0.03**	139.86	20.04
B31	S6 - Obdĺžnik	0.000	CO5/29	-89.49	-12.80	-8.55	-0.01	-31.86	**-110.84**
B31	S6 - Obdĺžnik	0.000	CO5/30	-92.21	12.70	5.13	0.01	88.76	**111.72**
B32	S5 - Obdĺžnik	0.000	CO4/27	**-497.80**	-7.19	-27.21	-19.71	**-274.00**	-64.29
B32	S5 - Obdĺžnik	9.800	CO4/28	**-402.13**	6.19	25.68	19.28	0.00	3.23
B32	S5 - Obdĺžnik	0.000	CO5/29	-472.56	**-23.63**	-7.60	-64.76	-88.82	-213.27
B32	S5 - Obdĺžnik	0.000	CO5/30	-496.06	**23.68**	9.38	64.34	71.37	214.24
B32	S5 - Obdĺžnik	0.000	CO4/31	-473.29	-7.20	**-27.21**	-19.70	-273.95	-64.26
B32	S5 - Obdĺžnik	0.000	CO4/32	-495.33	7.24	**28.99**	19.28	256.50	65.23
B32	S5 - Obdĺžnik	7.580	CO5/33	-445.16	-21.08	-6.91	**-64.77**	-18.96	-38.43
B32	S5 - Obdĺžnik	7.580	CO5/34	-419.36	21.13	8.69	**64.35**	15.01	39.72
B32	S5 - Obdĺžnik	0.000	CO4/28	-470.81	7.23	28.99	19.28	**256.55**	65.26

Prvok	css	dx [m]	Stav	N [kN]	Vy [kN]	Vz [kN]	Mx [kNm]	My [kNm]	Mz [kNm]
B32	S5 - Obdĺžnik	0.000	CO5/33	-497.08	-23.62	-7.60	-64.77	-88.87	**-213.30**
B32	S5 - Obdĺžnik	0.000	CO5/34	-471.54	23.67	9.38	64.35	71.42	**214.27**
B33	S3 - Obdĺžnik	0.000	CO4/27	**-157.61**	-4.46	-22.69	-11.93	**-248.04**	-40.74
B33	S3 - Obdĺžnik	9.800	CO4/28	**-50.12**	3.71	23.90	12.42	16.56	0.00
B33	S3 - Obdĺžnik	0.000	CO5/29	-148.44	**-14.56**	-5.52	-3.76	-80.90	-132.75
B33	S3 - Obdĺžnik	0.000	CO5/30	-147.95	**14.58**	9.44	4.26	62.70	132.59
B33	S3 - Obdĺžnik	0.000	CO4/31	-153.61	-4.46	**-22.78**	**-11.94**	-247.87	-40.73
B33	S3 - Obdĺžnik	0.000	CO4/32	-142.79	4.48	**26.69**	**12.44**	229.67	40.56
B33	S3 - Obdĺžnik	0.000	CO4/28	-138.79	4.48	26.60	12.42	**229.84**	40.58
B33	S3 - Obdĺžnik	0.000	CO5/33	-152.44	-14.56	-5.43	-3.75	-81.07	**-132.77**
B33	S3 - Obdĺžnik	0.000	CO5/34	-143.95	14.58	9.35	4.24	62.87	**132.60**
B34	S4 - Obdĺžnik	0.000	CO4/27	**-398.59**	-4.95	**-47.73**	-1.63	-436.88	-46.38
B34	S4 - Obdĺžnik	9.800	CO4/28	**-267.03**	4.12	43.44	1.62	11.07	2.93
B34	S4 - Obdĺžnik	0.000	CO5/29	-374.79	**-16.29**	-14.66	-4.36	-137.71	-152.47
B34	S4 - Obdĺžnik	0.000	CO5/30	-391.51	**16.36**	13.77	4.36	122.12	152.15
B34	S4 - Obdĺžnik	0.000	CO4/28	-367.70	5.02	**46.84**	1.62	421.28	46.06
B34	S4 - Obdĺžnik	7.840	CO5/33	-314.61	-13.34	-13.76	**-4.37**	-31.05	-31.55
B34	S4 - Obdĺžnik	7.840	CO5/34	-291.03	13.41	12.87	**4.36**	8.51	31.77
B34	S4 - Obdĺžnik	0.000	CO4/31	-378.44	-4.96	-47.59	-1.63	**-437.27**	-46.36
B34	S4 - Obdĺžnik	0.000	CO4/32	-387.85	5.03	46.71	1.62	**421.68**	46.04
B34	S4 - Obdĺžnik	0.000	CO5/33	-394.94	-16.29	-14.80	-4.37	-137.32	**-152.49**
B34	S4 - Obdĺžnik	0.000	CO5/34	-371.36	16.35	13.91	4.36	121.72	**152.17**
B35	S6 - Obdĺžnik	0.000	CO4/27	**-93.03**	-4.12	**-17.47**	-0.08	-89.51	-34.54
B35	S6 - Obdĺžnik	9.800	CO5/34	**-27.83**	11.08	0.62	0.03	6.43	7.73
B35	S6 - Obdĺžnik	0.000	CO5/29	-89.87	**-12.71**	-7.58	-0.03	-3.85	-111.04
B35	S6 - Obdĺžnik	0.000	CO5/30	-92.34	**12.89**	1.26	0.03	73.69	111.03
B35	S6 - Obdĺžnik	0.000	CO4/28	-89.18	4.30	**11.15**	0.08	159.34	34.54
B35	S6 - Obdĺžnik	4.880	CO4/31	-61.29	-3.96	-17.02	**-0.08**	-36.32	-15.28
B35	S6 - Obdĺžnik	4.880	CO4/32	-63.47	4.14	10.69	**0.08**	75.27	16.14
B35	S6 - Obdĺžnik	0.000	CO4/31	-90.02	-4.13	-17.47	-0.08	**-90.12**	-34.52
B35	S6 - Obdĺžnik	0.000	CO4/32	-92.19	4.31	11.14	0.08	**159.95**	34.51
B35	S6 - Obdĺžnik	0.000	CO5/33	-92.88	-12.70	-7.59	-0.03	-3.24	**-111.06**
B35	S6 - Obdĺžnik	0.000	CO5/34	-89.33	12.88	1.26	0.03	73.08	**111.06**
B36	S3 - Obdĺžnik	0.000	CO4/27	**-154.23**	-4.72	-13.58	**-34.13**	**-152.77**	-42.78
B36	S3 - Obdĺžnik	9.800	CO4/28	**-52.88**	3.90	14.95	31.45	15.33	0.00
B36	S3 - Obdĺžnik	0.000	CO5/29	-147.27	**-14.64**	-2.97	-11.58	-50.79	-133.07
B36	S3 - Obdĺžnik	0.000	CO5/30	-148.50	**14.63**	6.55	8.91	37.76	133.19
B36	S3 - Obdĺžnik	0.000	CO4/31	-150.26	-4.72	**-13.67**	-34.08	-152.65	-42.77
B36	S3 - Obdĺžnik	0.000	CO4/32	-145.51	4.71	**17.25**	31.41	139.63	42.89
B36	S3 - Obdĺžnik	5.880	CO4/28	-88.77	4.24	15.93	**31.45**	61.55	15.98
B36	S3 - Obdĺžnik	0.000	CO4/28	-141.54	4.71	17.16	31.45	**139.75**	42.89
B36	S3 - Obdĺžnik	0.000	CO5/33	-151.24	-14.64	-2.88	-11.63	-50.91	**-133.08**
B36	S3 - Obdĺžnik	0.000	CO5/34	-144.52	14.63	6.46	8.96	37.88	**133.20**