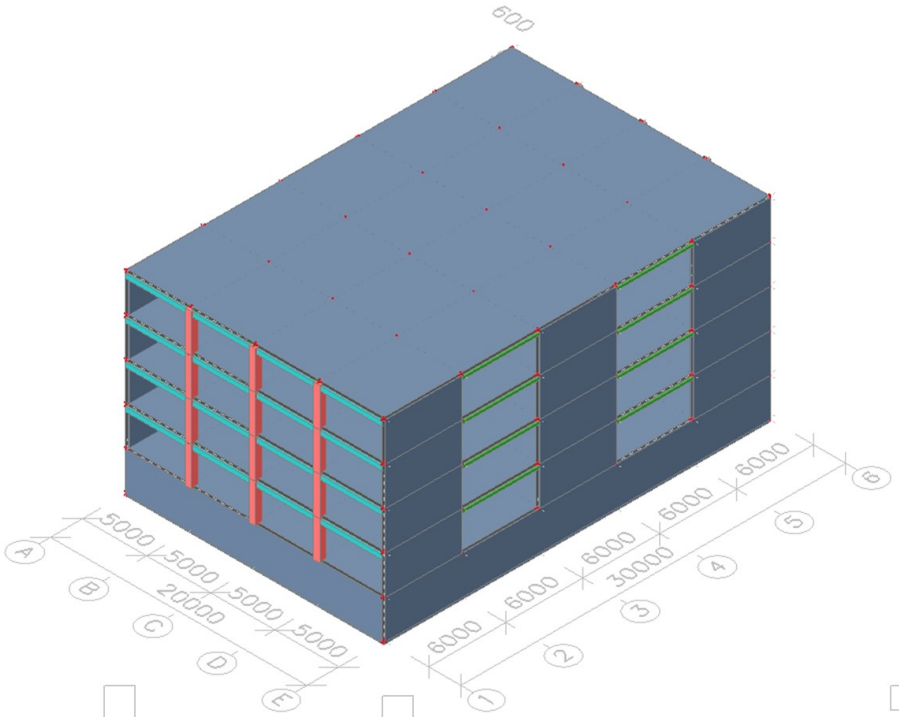
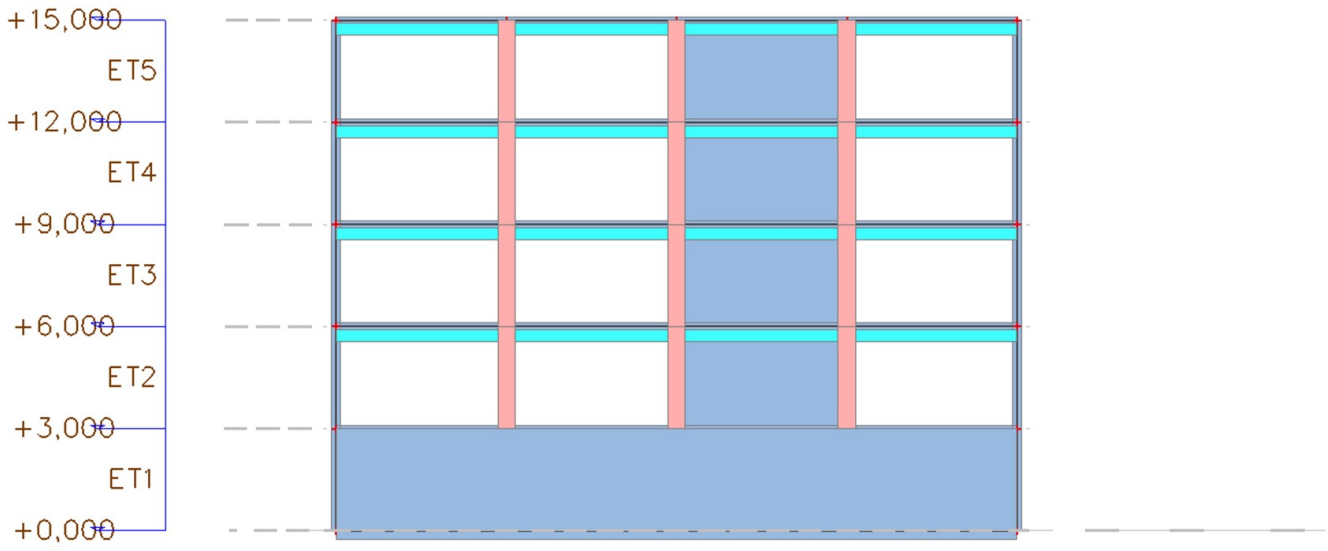
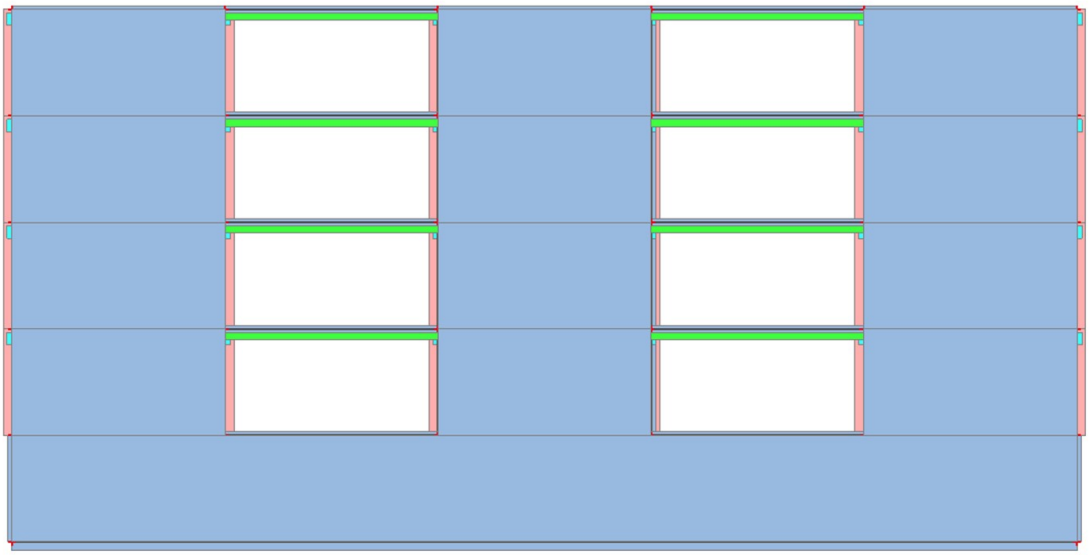
1. Aksonometrijski prikaz konstrukcije



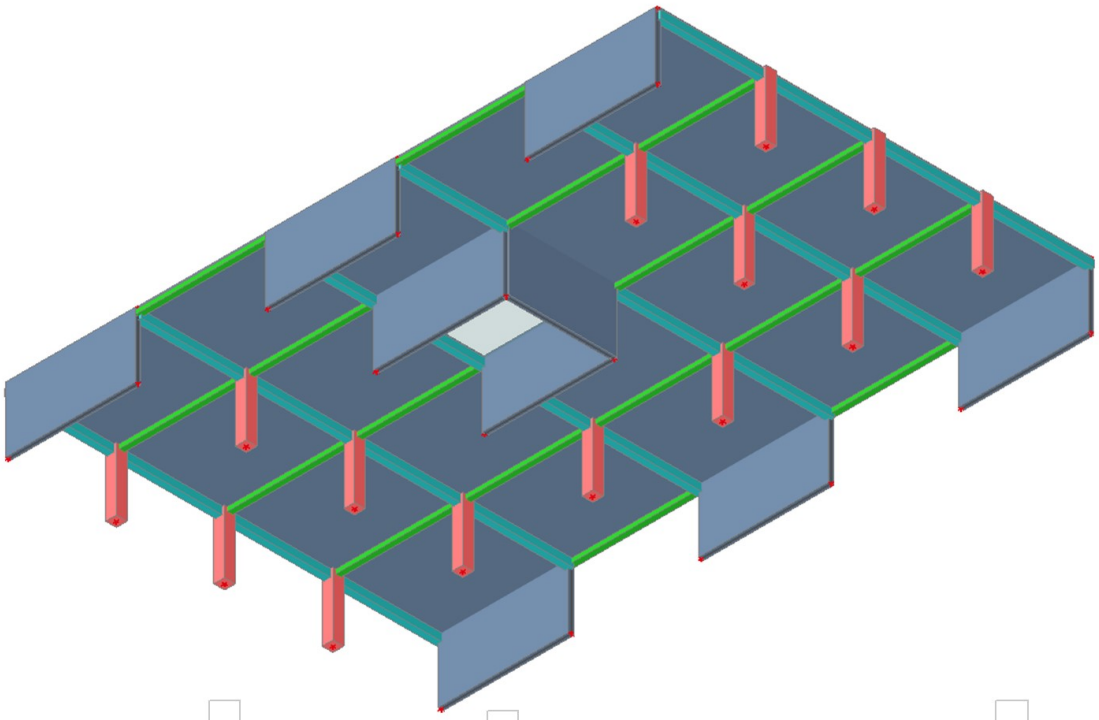
2. Pogled X-Z



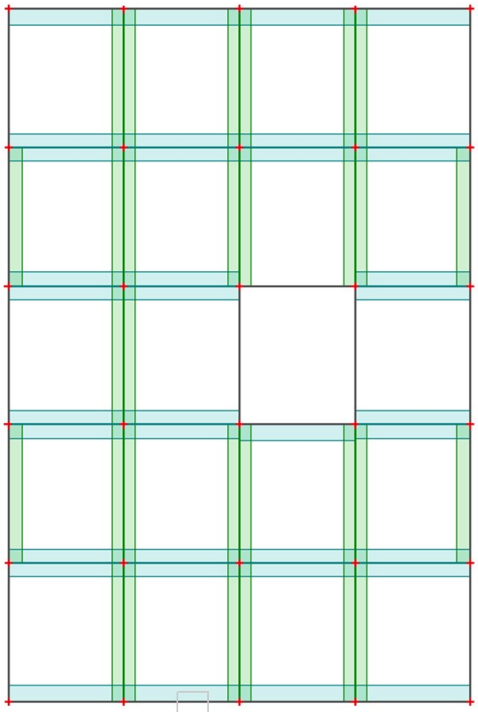
3. Pogled Y-Z



4. Aksonometrija karakteristične ploče

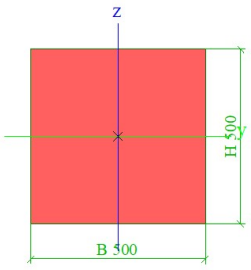


5. Tlocrt karakteristične ploče s efektivnim širinama

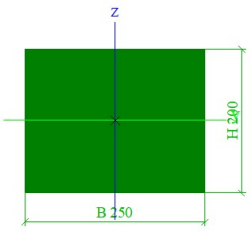


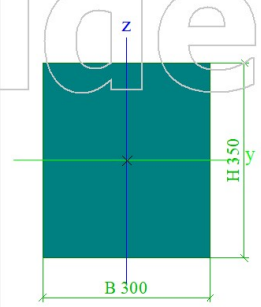
6. Cross-sections (libraries)

STUP		
Type	Rectangle	
Detailed	500; 500	
Shape type	Thick-walled	
Item material	C25/30	
Fabrication	concrete	
Colour		
A [m²]	2,5000e-01	
A_y [m²], A_z [m²]	2,0833e-01	2,0833e-01
A_L [m²/m], A_D [m²/m]	2,0000e+00	2,0000e+00
$c_{Y.UCS}$ [mm], $c_{Z.UCS}$ [mm]	250	250
α [deg]	0,00	
I_y [m⁴], I_z [m⁴]	5,2083e-03	5,2083e-03
i_y [mm], i_z [mm]	144	144
$W_{el.y}$ [m³], $W_{el.z}$ [m³]	2,0833e-02	2,0833e-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]	8,7957e-03	0,0000e+00
β_y [mm], β_z [mm]	0	0

Picture		
		

rebro		
Type	Rectangle	
Detailed	200; 250	
Shape type	Thick-walled	
Item material	C25/30	
Fabrication	concrete	
Colour		
A [m²]	5,0000e-02	
A_y [m²], A_z [m²]	4,1667e-02	4,1667e-02
A_L [m²/m], A_D [m²/m]	9,0000e-01	9,0000e-01
$c_{Y.UCS}$ [mm], $c_{Z.UCS}$ [mm]	125	100
α [deg]	0,00	
I_y [m⁴], I_z [m⁴]	1,6667e-04	2,6042e-04
i_y [mm], i_z [mm]	58	72
$W_{el.y}$ [m³], $W_{el.z}$ [m³]	1,6667e-03	2,0833e-03
$W_{pl.y}$ [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]	3,4365e-04	0,0000e+00

β_y [mm], β_z [mm]	0	0
Picture		

GREDA		
Type	Rectangle	
Detailed	350; 300	
Shape type	Thick-walled	
Item material	C25/30	
Fabrication	concrete	
Colour		
A [m²]	1,0500e-01	
A_y [m²], A_z [m²]	8,7500e-02	8,7500e-02
A_L [m²/m], A_D [m²/m]	1,3000e+00	1,3000e+00
$c_{Y.UCS}$ [mm], $c_{Z.UCS}$ [mm]	150	175
α [deg]	0,00	
I_y [m⁴], I_z [m⁴]	1,0719e-03	7,8750e-04
i_y [mm], i_z [mm]	101	87
$W_{el.y}$ [m³], $W_{el.z}$ [m³]	6,1250e-03	5,2500e-03
$W_{pl.y}$ [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]	1,5339e-03	0,0000e+00
β_y [mm], β_z [mm]	0	0
Picture		

Explanations of symbols	
A	Area
A_y	Shear Area in principal y-direction
A_z	Shear Area in principal z-direction
A_L	Circumference per unit length
A_D	Drying surface per unit length
$c_{Y.UCS}$	Centroid coordinate in Y-direction of Input axis system
$c_{Z.UCS}$	Centroid coordinate in Z-direction of Input axis system
$I_{Y.LCS}$	Second moment of area about the YLCS axis
$I_{Z.LCS}$	Second moment of area about the ZLCS axis
$I_{YZ.LCS}$	Product moment of area in the LCS system
α	Rotation angle of the principal axis system
I_y	Second moment of area about the principal y-axis
I_z	Second moment of area about the principal z-axis
i_y	Radius of gyration about the principal

Explanations of symbols	
	y-axis
i_z	Radius of gyration about the principal z-axis
$W_{el.y}$	Elastic section modulus about the principal y-axis
$W_{el.z}$	Elastic section modulus about the principal z-axis
$W_{pl.y}$	Plastic section modulus about the principal y-axis
$W_{pl.z}$	Plastic section modulus about the principal z-axis
$M_{pl.y.+}$	Plastic moment about the principal y-axis for a positive My moment
$M_{pl.y.-}$	Plastic moment about the principal y-axis for a negative My moment
$M_{pl.z.+}$	Plastic moment about the principal z-axis for a positive Mz moment
$M_{pl.z.-}$	Plastic moment about the principal z-axis for a negative Mz moment
d_y	Shear center coordinate in principal y-direction measured from the centroid - Not calculated or simplified

Explanations of symbols	
d_z	Shear center coordinate in principal z-direction measured from the centroid - Not calculated or simplified
I_t	Torsional constant - Not calculated or simplified

Explanations of symbols	
I_w	Warping constant - Not calculated or simplified
β_y	Mono-symmetry constant about the principal y-axis
β_z	Mono-symmetry constant about the principal z-axis

7. Materials (libraries)

Name	Type	ρ [kg/m³]	Density in fresh state [kg/m³]	E_{mod} [MPa]	μ	α [m/mK]	$f_{c.k.28}$ [MPa]	Colour
C25/30	Concrete	2500,0	2600,0	3,1500e+04	0.2	0,00	25,00	

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

8. 2D member standard FEM (structure)

Name	Element type	Element behaviour	Layer	Type	Material	Thickness type	Th. [mm]
S1	Standard	Standard FEM	Layer1	plate (90)	C25/30	constant	500
S2	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S3	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S4	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S5	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S6	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S7	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S8	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S9	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S10	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S11	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S12	Standard	Standard FEM	Layer1	plate (90)	C25/30	constant	200
S13	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S14	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S15	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S16	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S17	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S18	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S19	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S20	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S21	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S22	Standard	Standard FEM	Layer1	plate (90)	C25/30	constant	200
S23	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S24	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S25	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S26	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S27	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S28	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S29	Standard	Standard FEM	Layer1	plate (90)	C25/30	constant	200
S30	Standard	Standard FEM	Layer1	plate (90)	C25/30	constant	200
S31	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S32	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S33	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S34	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S35	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S36	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S37	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S38	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S39	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S40	Standard	Standard FEM	Layer1	plate (90)	C25/30	constant	200
S41	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S42	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S43	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250

Name	Element type	Element behaviour	Layer	Type	Material	Thickness type	Th. [mm]
S44	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S45	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S46	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S47	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S48	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250
S49	Standard	Standard FEM	Layer1	wall (80)	C25/30	constant	250

9. Stiffness factors 1D (libraries)

SAV_50			
Type	Standard		
Correction factor for A_x, Correction factor for A_y, Correction factor for A_z	1.000	1.000	1.000
Correction factor for I_x, Correction factor for I_y, Correction factor for I_z	0.100	0.500	0.500

10. Stiffness factors 2D (libraries)

SF2D1						
Type	Standard					
Correction factor for D_{11}, Correction factor for D_{12}, Correction factor for D_{22}, Correction factor for D_{33}, Correction factor for D_{44}, Correction factor for D_{55}	0.500	0.500	0.500	0.100	0.500	0.500
Correction factor for d_{11}, Correction factor for d_{12}, Correction factor for d_{22}, Correction factor for d_{33}	1.000	1.000	1.000	0.500		

11. Mesh setup (solver and mesh)

Name	MeshSetup1
Generation of eccentric elements on members with variable height	X
Generation of nodes in connections of beam elements	X
Generation of nodes under concentrated loads on beam elements	✓
Hanging nodes for prestressing	✓
Elastic mesh	✓
Use automatic mesh refinement	X
Connect members/nodes	✓
Division on haunches and arbitrary members	5
Division for 2D-1D upgrade	50
Average number of tiles of 1d element	5
Average size of 2d element/curved element [m]	0,500
Minimal length of beam element [m]	0,100
Maximal length of beam element [m]	1000,000
Average size of cables, tendons, elements on subsoil, nonlinear soil spring [m]	1,000
Maximal out of plane angle of a quadrilateral [mrad]	30,0
Predefined mesh ratio	1.5
Minimal distance between definition point and line [m]	0.001
Average size of panel element [m]	1,000
Mesh refinement following the beam type	None
Definition of mesh element size for panels	Manual

12. Storey (storey)

Name	Description	Z-Bottom [m]	Height [m]
ET1	PODRUM	0,000	3,000
ET2	PRIZEMLJE	3,000	3,000
ET3	1. KAT	6,000	3,000
ET4	2. KAT	9,000	3,000
ET5	3. KAT	12,000	3,000

Explanations of symbols	
Z-Bottom	Z-Bottom
Height	Height

13. Property modifiers 1D (structure)

Name	Member	Stiffness factors	Selfweight factor	Mass factor
Property modifiers 1D B1	B1	SAV_50	1.000	0.000
Property modifiers 1D B2	B2	SAV_50	1.000	0.000
Property modifiers 1D B3	B3	SAV_50	1.000	0.000
Property modifiers 1D B4	B4	SAV_50	1.000	0.000
Property modifiers 1D B5	B5	SAV_50	1.000	0.000
Property modifiers 1D B6	B6	SAV_50	1.000	0.000
Property modifiers 1D B7	B7	SAV_50	1.000	0.000
Property modifiers 1D B8	B8	SAV_50	1.000	0.000
Property modifiers 1D B9	B9	SAV_50	1.000	1.000
Property modifiers 1D B10	B10	SAV_50	1.000	1.000
Property modifiers 1D B11	B11	SAV_50	1.000	1.000
Property modifiers 1D B12	B12	SAV_50	1.000	1.000
Property modifiers 1D B13	B13	SAV_50	1.000	1.000
Property modifiers 1D B14	B14	SAV_50	1.000	1.000
Property modifiers 1D B15	B15	SAV_50	1.000	1.000
Property modifiers 1D B16	B16	SAV_50	1.000	1.000
Property modifiers 1D B17	B17	SAV_50	1.000	1.000
Property modifiers 1D B18	B18	SAV_50	1.000	1.000
Property modifiers 1D B19	B19	SAV_50	1.000	1.000
Property modifiers 1D B20	B20	SAV_50	1.000	1.000
Property modifiers 1D B21	B21	SAV_50	1.000	1.000
Property modifiers 1D B22	B22	SAV_50	1.000	1.000
Property modifiers 1D B23	B23	SAV_50	1.000	0.000
Property modifiers 1D B24	B24	SAV_50	1.000	0.000
Property modifiers 1D B25	B25	SAV_50	1.000	0.000
Property modifiers 1D B26	B26	SAV_50	1.000	0.000
Property modifiers 1D B27	B27	SAV_50	1.000	0.000
Property modifiers 1D B28	B28	SAV_50	1.000	0.000
Property modifiers 1D B29	B29	SAV_50	1.000	0.000
Property modifiers 1D B30	B30	SAV_50	1.000	0.000
Property modifiers 1D B31	B31	SAV_50	1.000	0.000
Property modifiers 1D B32	B32	SAV_50	1.000	0.000
Property modifiers 1D B33	B33	SAV_50	1.000	0.000
Property modifiers 1D B34	B34	SAV_50	1.000	0.000
Property modifiers 1D B35	B35	SAV_50	1.000	0.000
Property modifiers 1D B36	B36	SAV_50	1.000	0.000
Property modifiers 1D B37	B37	SAV_50	1.000	0.000
Property modifiers 1D B38	B38	SAV_50	1.000	0.000
Property modifiers 1D B39	B39	SAV_50	1.000	0.000
Property modifiers 1D B40	B40	SAV_50	1.000	0.000
Property modifiers 1D B41	B41	SAV_50	1.000	0.000
Property modifiers 1D B42	B42	SAV_50	1.000	0.000
Property modifiers 1D B43	B43	SAV_50	1.000	1.000
Property modifiers 1D B44	B44	SAV_50	1.000	1.000
Property modifiers 1D B45	B45	SAV_50	1.000	1.000
Property modifiers 1D B46	B46	SAV_50	1.000	1.000
Property modifiers 1D B47	B47	SAV_50	1.000	1.000
Property modifiers 1D B48	B48	SAV_50	1.000	1.000
Property modifiers 1D B49	B49	SAV_50	1.000	1.000
Property modifiers 1D B50	B50	SAV_50	1.000	1.000
Property modifiers 1D B51	B51	SAV_50	1.000	1.000
Property modifiers 1D B52	B52	SAV_50	1.000	1.000
Property modifiers 1D B53	B53	SAV_50	1.000	1.000
Property modifiers 1D B54	B54	SAV_50	1.000	1.000
Property modifiers 1D B55	B55	SAV_50	1.000	1.000
Property modifiers 1D B56	B56	SAV_50	1.000	1.000
Property modifiers 1D B57	B57	SAV_50	1.000	1.000
Property modifiers 1D B58	B58	SAV_50	1.000	1.000
Property modifiers 1D B59	B59	SAV_50	1.000	1.000
Property modifiers 1D B60	B60	SAV_50	1.000	1.000
Property modifiers 1D B61	B61	SAV_50	1.000	1.000
Property modifiers 1D B62	B62	SAV_50	1.000	1.000
Property modifiers 1D B63	B63	SAV_50	1.000	1.000
Property modifiers 1D B64	B64	SAV_50	1.000	1.000
Property modifiers 1D B65	B65	SAV_50	1.000	1.000

Name	Member	Stiffness factors	Selfweight factor	Mass factor
Property modifiers 1D B66	B66	SAV_50	1.000	1.000
Property modifiers 1D B67	B67	SAV_50	1.000	1.000
Property modifiers 1D B68	B68	SAV_50	1.000	1.000
Property modifiers 1D B69	B69	SAV_50	1.000	1.000
Property modifiers 1D B70	B70	SAV_50	1.000	1.000
Property modifiers 1D B71	B71	SAV_50	1.000	1.000
Property modifiers 1D B72	B72	SAV_50	1.000	1.000
Property modifiers 1D B73	B73	SAV_50	1.000	1.000
Property modifiers 1D B74	B74	SAV_50	1.000	1.000
Property modifiers 1D B75	B75	SAV_50	1.000	1.000
Property modifiers 1D B76	B76	SAV_50	1.000	1.000
Property modifiers 1D B77	B77	SAV_50	1.000	1.000
Property modifiers 1D B78	B78	SAV_50	1.000	1.000
Property modifiers 1D B79	B79	SAV_50	1.000	1.000
Property modifiers 1D B80	B80	SAV_50	1.000	1.000
Property modifiers 1D B81	B81	SAV_50	1.000	1.000
Property modifiers 1D B82	B82	SAV_50	1.000	1.000
Property modifiers 1D B83	B83	SAV_50	1.000	1.000
Property modifiers 1D B84	B84	SAV_50	1.000	1.000
Property modifiers 1D B85	B85	SAV_50	1.000	1.000
Property modifiers 1D B86	B86	SAV_50	1.000	1.000
Property modifiers 1D B87	B87	SAV_50	1.000	1.000
Property modifiers 1D B88	B88	SAV_50	1.000	1.000
Property modifiers 1D B89	B89	SAV_50	1.000	1.000
Property modifiers 1D B90	B90	SAV_50	1.000	1.000
Property modifiers 1D B91	B91	SAV_50	1.000	1.000
Property modifiers 1D B92	B92	SAV_50	1.000	1.000
Property modifiers 1D B93	B93	SAV_50	1.000	1.000
Property modifiers 1D B94	B94	SAV_50	1.000	1.000
Property modifiers 1D B95	B95	SAV_50	1.000	1.000
Property modifiers 1D B96	B96	SAV_50	1.000	1.000
Property modifiers 1D B97	B97	SAV_50	1.000	1.000
Property modifiers 1D B98	B98	SAV_50	1.000	1.000
Property modifiers 1D B99	B99	SAV_50	1.000	1.000
Property modifiers 1D B100	B100	SAV_50	1.000	1.000
Property modifiers 1D B101	B101	SAV_50	1.000	1.000
Property modifiers 1D B102	B102	SAV_50	1.000	1.000
Property modifiers 1D B103	B103	SAV_50	1.000	1.000
Property modifiers 1D B104	B104	SAV_50	1.000	1.000
Property modifiers 1D B105	B105	SAV_50	1.000	1.000
Property modifiers 1D B106	B106	SAV_50	1.000	1.000
Property modifiers 1D B107	B107	SAV_50	1.000	1.000
Property modifiers 1D B108	B108	SAV_50	1.000	1.000
Property modifiers 1D B109	B109	SAV_50	1.000	1.000
Property modifiers 1D B110	B110	SAV_50	1.000	1.000
Property modifiers 1D B111	B111	SAV_50	1.000	1.000
Property modifiers 1D B112	B112	SAV_50	1.000	1.000
Property modifiers 1D B113	B113	SAV_50	1.000	1.000
Property modifiers 1D B114	B114	SAV_50	1.000	1.000
Property modifiers 1D B115	B115	SAV_50	1.000	1.000
Property modifiers 1D B116	B116	SAV_50	1.000	1.000
Property modifiers 1D B117	B117	SAV_50	1.000	1.000
Property modifiers 1D B118	B118	SAV_50	1.000	1.000
Property modifiers 1D B119	B119	SAV_50	1.000	1.000
Property modifiers 1D B120	B120	SAV_50	1.000	1.000
Property modifiers 1D B121	B121	SAV_50	1.000	1.000
Property modifiers 1D B122	B122	SAV_50	1.000	1.000
Property modifiers 1D B123	B123	SAV_50	1.000	1.000
Property modifiers 1D B124	B124	SAV_50	1.000	1.000
Property modifiers 1D B125	B125	SAV_50	1.000	1.000
Property modifiers 1D B126	B126	SAV_50	1.000	1.000
Property modifiers 1D B127	B127	SAV_50	1.000	1.000
Property modifiers 1D B128	B128	SAV_50	1.000	1.000
Property modifiers 1D B129	B129	SAV_50	1.000	1.000
Property modifiers 1D B130	B130	SAV_50	1.000	1.000
Property modifiers 1D B131	B131	SAV_50	1.000	1.000
Property modifiers 1D B132	B132	SAV_50	1.000	1.000

Name	Member	Stiffness factors	Selfweight factor	Mass factor
Property modifiers 1D B133	B133	SAV_50	1.000	1.000
Property modifiers 1D B134	B134	SAV_50	1.000	1.000
Property modifiers 1D B135	B135	SAV_50	1.000	1.000
Property modifiers 1D B136	B136	SAV_50	1.000	1.000
Property modifiers 1D B137	B137	SAV_50	1.000	1.000
Property modifiers 1D B138	B138	SAV_50	1.000	1.000
Property modifiers 1D B139	B139	SAV_50	1.000	1.000
Property modifiers 1D B140	B140	SAV_50	1.000	1.000
Property modifiers 1D B141	B141	SAV_50	1.000	1.000
Property modifiers 1D B142	B142	SAV_50	1.000	1.000
Property modifiers 1D B143	B143	SAV_50	1.000	1.000
Property modifiers 1D B144	B144	SAV_50	1.000	1.000
Property modifiers 1D B145	B145	SAV_50	1.000	1.000
Property modifiers 1D B146	B146	SAV_50	1.000	1.000
Property modifiers 1D B147	B147	SAV_50	1.000	1.000
Property modifiers 1D B148	B148	SAV_50	1.000	1.000
Property modifiers 1D B149	B149	SAV_50	1.000	1.000
Property modifiers 1D B150	B150	SAV_50	1.000	1.000
Property modifiers 1D B151	B151	SAV_50	1.000	1.000
Property modifiers 1D B152	B152	SAV_50	1.000	1.000
Property modifiers 1D B153	B153	SAV_50	1.000	1.000
Property modifiers 1D B154	B154	SAV_50	1.000	1.000
Property modifiers 1D B155	B155	SAV_50	1.000	1.000
Property modifiers 1D B156	B156	SAV_50	1.000	1.000
Property modifiers 1D B157	B157	SAV_50	1.000	1.000
Property modifiers 1D B158	B158	SAV_50	1.000	1.000
Property modifiers 1D B159	B159	SAV_50	1.000	1.000
Property modifiers 1D B160	B160	SAV_50	1.000	1.000
Property modifiers 1D B161	B161	SAV_50	1.000	1.000
Property modifiers 1D B162	B162	SAV_50	1.000	1.000
Property modifiers 1D B163	B163	SAV_50	1.000	1.000
Property modifiers 1D B164	B164	SAV_50	1.000	1.000
Property modifiers 1D B165	B165	SAV_50	1.000	1.000
Property modifiers 1D B166	B166	SAV_50	1.000	1.000
Property modifiers 1D B167	B167	SAV_50	1.000	1.000
Property modifiers 1D B168	B168	SAV_50	1.000	1.000
Property modifiers 1D B169	B169	SAV_50	1.000	1.000
Property modifiers 1D B170	B170	SAV_50	1.000	1.000
Property modifiers 1D B171	B171	SAV_50	1.000	1.000
Property modifiers 1D B172	B172	SAV_50	1.000	1.000
Property modifiers 1D B173	B173	SAV_50	1.000	1.000
Property modifiers 1D B174	B174	SAV_50	1.000	1.000
Property modifiers 1D B175	B175	SAV_50	1.000	1.000
Property modifiers 1D B176	B176	SAV_50	1.000	1.000
Property modifiers 1D B177	B177	SAV_50	1.000	1.000
Property modifiers 1D B178	B178	SAV_50	1.000	1.000
Property modifiers 1D B179	B179	SAV_50	1.000	1.000
Property modifiers 1D B180	B180	SAV_50	1.000	1.000
Property modifiers 1D B181	B181	SAV_50	1.000	1.000
Property modifiers 1D B182	B182	SAV_50	1.000	1.000
Property modifiers 1D B183	B183	SAV_50	1.000	1.000
Property modifiers 1D B184	B184	SAV_50	1.000	1.000
Property modifiers 1D B185	B185	SAV_50	1.000	1.000
Property modifiers 1D B186	B186	SAV_50	1.000	1.000
Property modifiers 1D B187	B187	SAV_50	1.000	1.000
Property modifiers 1D B188	B188	SAV_50	1.000	1.000
Property modifiers 1D B189	B189	SAV_50	1.000	1.000
Property modifiers 1D B190	B190	SAV_50	1.000	1.000
Property modifiers 1D B191	B191	SAV_50	1.000	1.000
Property modifiers 1D B192	B192	SAV_50	1.000	1.000
Property modifiers 1D B193	B193	SAV_50	1.000	1.000
Property modifiers 1D B194	B194	SAV_50	1.000	1.000
Property modifiers 1D B195	B195	SAV_50	1.000	1.000
Property modifiers 1D B196	B196	SAV_50	1.000	1.000
Property modifiers 1D B197	B197	SAV_50	1.000	1.000
Property modifiers 1D B198	B198	SAV_50	1.000	1.000
Property modifiers 1D B199	B199	SAV_50	1.000	1.000

Name	Member	Stiffness factors	Selfweight factor	Mass factor
Property modifiers 1D B200	B200	SAV_50	1.000	1.000
Property modifiers 1D B201	B201	SAV_50	1.000	1.000
Property modifiers 1D B202	B202	SAV_50	1.000	1.000
Property modifiers 1D B203	B203	SAV_50	1.000	1.000
Property modifiers 1D B204	B204	SAV_50	1.000	1.000
Property modifiers 1D B205	B205	SAV_50	1.000	1.000
Property modifiers 1D B206	B206	SAV_50	1.000	1.000
Property modifiers 1D B207	B207	SAV_50	1.000	1.000
Property modifiers 1D B208	B208	SAV_50	1.000	1.000
Property modifiers 1D B209	B209	SAV_50	1.000	1.000
Property modifiers 1D B210	B210	SAV_50	1.000	1.000
Property modifiers 1D B211	B211	SAV_50	1.000	1.000
Property modifiers 1D B212	B212	SAV_50	1.000	1.000

Explanations of symbols	
Member	(3,000 m)

14. Property modifiers 2D (structure)

Name	2D member	Stiffness factors	Selfweight factor	Mass factor
Property modifiers 2D S1	S1	SF2D1	1.000	0.000
Property modifiers 2D S2	S2	SF2D1	1.000	0.000
Property modifiers 2D S3	S3	SF2D1	1.000	0.000
Property modifiers 2D S4	S4	SF2D1	1.000	0.000
Property modifiers 2D S5	S5	SF2D1	1.000	0.000
Property modifiers 2D S6	S6	SF2D1	1.000	0.000
Property modifiers 2D S7	S7	SF2D1	1.000	0.000
Property modifiers 2D S8	S8	SF2D1	1.000	0.000
Property modifiers 2D S9	S9	SF2D1	1.000	1.000
Property modifiers 2D S10	S10	SF2D1	1.000	1.000
Property modifiers 2D S11	S11	SF2D1	1.000	1.000
Property modifiers 2D S12	S12	SF2D1	1.000	0.000
Property modifiers 2D S13	S13	SF2D1	1.000	1.000
Property modifiers 2D S14	S14	SF2D1	1.000	1.000
Property modifiers 2D S15	S15	SF2D1	1.000	1.000
Property modifiers 2D S16	S16	SF2D1	1.000	1.000
Property modifiers 2D S17	S17	SF2D1	1.000	1.000
Property modifiers 2D S18	S18	SF2D1	1.000	1.000
Property modifiers 2D S19	S19	SF2D1	1.000	1.000
Property modifiers 2D S20	S20	SF2D1	1.000	1.000
Property modifiers 2D S21	S21	SF2D1	1.000	1.000
Property modifiers 2D S22	S22	SF2D1	1.000	1.000
Property modifiers 2D S23	S23	SF2D1	1.000	1.000
Property modifiers 2D S24	S24	SF2D1	1.000	1.000
Property modifiers 2D S25	S25	SF2D1	1.000	1.000
Property modifiers 2D S26	S26	SF2D1	1.000	1.000
Property modifiers 2D S27	S27	SF2D1	1.000	1.000
Property modifiers 2D S28	S28	SF2D1	1.000	1.000
Property modifiers 2D S29	S29	SF2D1	1.000	1.000
Property modifiers 2D S30	S30	SF2D1	1.000	1.000
Property modifiers 2D S31	S31	SF2D1	1.000	1.000
Property modifiers 2D S32	S32	SF2D1	1.000	1.000
Property modifiers 2D S33	S33	SF2D1	1.000	1.000
Property modifiers 2D S34	S34	SF2D1	1.000	1.000
Property modifiers 2D S35	S35	SF2D1	1.000	1.000
Property modifiers 2D S36	S36	SF2D1	1.000	1.000
Property modifiers 2D S37	S37	SF2D1	1.000	1.000
Property modifiers 2D S38	S38	SF2D1	1.000	1.000
Property modifiers 2D S39	S39	SF2D1	1.000	1.000
Property modifiers 2D S40	S40	SF2D1	1.000	1.000
Property modifiers 2D S41	S41	SF2D1	1.000	1.000
Property modifiers 2D S42	S42	SF2D1	1.000	1.000
Property modifiers 2D S43	S43	SF2D1	1.000	1.000
Property modifiers 2D S44	S44	SF2D1	1.000	1.000
Property modifiers 2D S45	S45	SF2D1	1.000	1.000
Property modifiers 2D S46	S46	SF2D1	1.000	1.000
Property modifiers 2D S47	S47	SF2D1	1.000	1.000

Name	2D member	Stiffness factors	Selfweight factor	Mass factor
Property modifiers 2D S48	S48	SF2D1	1.000	1.000
Property modifiers 2D S49	S49	SF2D1	1.000	1.000

15. Subsoils (libraries)

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

16. 2D member supports (structure)

Name	Type	Subsoil	2D member
SS1	Individual	tlo	S1
SS2	Individual	tlo	S2
SS3	Individual	tlo	S5
SS4	Individual	tlo	S3
SS5	Individual	tlo	S4